

City of Bloomington Americans with Disabilities Act Transition Plan for Public Rights-Of-Way: Council Approved November 7, 2016 Revised and Approved by Council February 28, 2022

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Purpose and Intent:

In accordance with the Americans with Disabilities Act of 1990 (ADA), the City of Bloomington is conducting a self-evaluation to determine if the City's services, policies and practices affecting the public rights-of-way comply with federal and state regulations. The U.S. Census Bureau estimates that 11.2% of Bloomington's total population is considered to have a disability, based on 2015-2019 estimates. This Transition Plan is both the process and the product of the Public Works Department's self-evaluation.

The Transition Plan reviews and develops the City of Bloomington's policies, practices and programs involving upgrades to public rights-of-way. Its purpose and intent are to:

1. Assist Bloomington's Department of Public Works in understanding its obligations under various state and federal guidelines to provide accessibility for individuals with disabilities to City programs, services and activities.
2. Catalog the relevant federal and state accessibility laws and guidelines the City must adhere to while managing public rights-of-way.
3. Develop a Transition Plan that catalogs existing barriers to accessibility within the City's public rights-of-way as well as outlines a method and timeline for the removal of each barrier.

This document has been created to specifically cover accessibility within the public rights-of-way and does not include information on City programs, practices, or building facilities not related to public rights-of-way.

ADA Public Rights-of-Ways Transition Plan Requirements

According to Section 35.150 (d) of 28 CFR 35, a public agency must prepare an ADA Transition Plan if any city facilities require physical or structural modifications to provide individuals with disabilities access to programs or services. This ADA Transition Plan catalogs existing barriers to accessibility in the public rights-of-way found through the self-evaluation, and prepares a removal schedule for each barrier.

The ADA Public Rights-of-Way Transition Plan is required to address the following aspects of accessibility:

1. The ADA Transition Plan shall include a schedule for providing curb ramps or other sloped areas where pedestrian walks cross curbs, giving priority to walkways serving entities covered by the ADA, government offices and facilities, transportation, places of public accommodation, and employers, followed by walkways serving other areas;

2. The ADA Transition Plan shall identify physical obstacles in the City's public rights-of-ways facilities that limit the accessibility of its programs or activities to individuals with disabilities;
3. The ADA Transition Plan shall describe the methods that will be used to make the public rights-of-ways facilities accessible; and
4. The ADA Transition Plan shall specify the schedule for taking the steps necessary to achieve compliance with the ADA and, if the time period of the ADA Transition Plan is longer than one year, identify steps that will be taken during each year of the transition period.

ADA and Other Applicable Laws, Standards, and Guidance

[Architectural Barriers Acts of 1968](#) (ABA): The ABA is a Federal law that requires facilities designed, built, altered or leased with Federal funds to be accessible. The Architectural Barriers Act marks one of the first efforts to ensure access to the built environment.

[Section 504 of the Rehabilitation Act of 1973](#) (ABA): Section 504 of the Rehabilitation Act of 1973 is a Federal law that protects qualified individuals from discrimination based on their disability. The nondiscrimination requirements of the law apply to employers and organizations that receive financial assistance from any Federal department or agency.

[The Americans with Disabilities Act \(ADA\)](#): The Americans with Disabilities Act of 1990 (ADA) is a federal law that prohibits discrimination on the basis of disability in employment, state and local government, public accommodations, commercial facilities, transportation, and telecommunications. The ADA works in tandem with the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973. The ADA has five titles:

Title I:	Employment
Title II:	Public Services: State and Local Government
Title III:	Public Accommodations
Title IV:	Telecommunications
Title V:	Miscellaneous Provisions

The focus of this Transition Plan is Title II: Public Services: State and Local Government

In the ADA the term disability is defined, with respect to an individual, as:

1. A physical or mental impairment that substantially limits one or more of the major life activities of such individual;
2. A record of such an impairment; or
3. Being regarded as having such an impairment.

When addressing accessibility needs and requirements, it is important to note that ADA and Title II do not supersede or preempt state or local law, such as the Minnesota Human Rights Act 363A, that may offer equivalent or greater protections.

28 CFR 35: 28 CFR 35 refers to Title 28 of the Code of Federal Regulations Part 35. This is the section of administrative law that interprets and defines Subtitle A of Title II of the ADA. These rules direct public entities to complete actions like designating an ADA liaison and performing a self-evaluation to determine if the entities programs, policies and practices are compliant with ADA regulations, as well as other actions to achieve ADA compliance.

Americans with Disabilities Act Accessibility Guidelines (ADAAG): The Americans with Disabilities Act Accessibility Guidelines (ADAAG) document contains scoping and technical requirements for accessibility to buildings and facilities by individuals with disabilities under the ADA. These scoping and technical requirements are to be applied during the design, construction, and alteration of buildings and facilities covered by Titles II and III of the ADA. The MN State Building Code Chapter 1341, Accessibility for Buildings and Facilities also applies.

The Access Board: The Architectural and Transportation Barriers Compliance Board, known as the Access Board, is an independent federal agency devoted to accessibility for people with disabilities. Created in 1973 to ensure access to federally funded facilities, the Access Board is now a leading source of information on accessible design.

Public Rights-of-Way Accessibility Guidelines: The Public Rights-of-Way Accessibility Guidelines (PROWAG), developed by the Access Board, are draft guidelines that address accessibility in the public rights-of-way. Sidewalks, street crossings, and other elements of the public rights-of-way present unique challenges to accessibility for which specific guidance is considered essential. Despite the fact that these newest guidelines are still in draft form, it is generally expected that PROWAG will eventually be approved and become the new national standard. The City of Bloomington's Transition Plan primarily adheres to PROWAG standards.

Minnesota Department of Transportation Technical Memorandums:

Technical Memorandum 15-02-TR-01 (formally known as 10-02-TR-01):

In 2015, Mn/DOT issued Technical Memorandum 15-02-TR-01 which extends the expiration date of Technical Memorandum 10-02-TR-01 Adoption of Public Rights-of-Way Accessibility Guidance to Mn/DOT staff, cities, and counties. This memorandum makes PROWAG the primary guidance for accessible facility design on all Mn/DOT projects. Mn/DOT is beginning to integrate PROWAG into the Road Design Manual and other technical guidance.

Technical Memorandum 10-SA-01:

The purpose of Technical Memorandum 10-SA-01 is to clarify ADA requirements as they apply to local Federal-aid projects and State-aid projects. The memorandum states that Local Federal-aid projects must provide pedestrian curb ramps and detectable warnings systems on all new and existing ramps within the project limits even if the proposed work can be done without disturbing the existing sidewalk or pedestrian ramps. Project plans that do not adhere to these requirements will not be approved by Mn/DOT. On the other hand, Mn/DOT will not review State-aid project plans for accessibility requirements, because the responsibility of enforcing ADA requirements on state-aid projects falls to the local agency.

In addition to technical memorandums, Mn/DOT is developing best practices and documenting "lessons learned" as they integrate PROWAG into their construction and reconstruction projects.

Technical Memorandum 15-01-T-01

The purpose of Technical Memorandum 15-01-T-01 is to provide guidance as it relates to pedestrian crossing facilitation. The memorandum includes a section on curb ramp installation and provides guidance for various sidewalk crossing configurations including those where sidewalks may only be on one side of the road or at crossings to areas of no sidewalk.

Technical Memorandum 18-04-OP-01 (replaces 08-13-TW-05)

The purpose of Technical Memorandum 18-04-OP-01 is to outline the requirements for curb cuts, sidewalks, APS for all MnDOT projects including all work within MnDOT rights-of-way conducted by others like cities and counties.

ADA SELF-EVALUATION

ADA Self-Evaluation Requirements

Under Title II, as explained in Section 35.105 of CFR, the City of Bloomington is required to carry out a self-evaluation to ensure City policies, practices and programs are compliant with ADA requirements. The City's self-evaluation for both city buildings and park and recreation facilities are contained in a separate report. This report concentrates on the City's public rights-of-way.

Activity in the public rights-of-way may be considered a program in two different ways:

1. Streets, sidewalks and curb ramps may be part of a continuous path of travel between activities or programs, at various public and private facilities located on adjacent properties, such as public offices, schools, parks and recreational facilities, public service agencies, hospitals and health clinics, and police facilities.
2. Streets, sidewalks and curb ramps may themselves represent a program of public pedestrian activities that are essential to the usage and enjoyment of the City's built environment.

Evaluation of the physical facilities in the City of Bloomington's Public Rights-of-Way

The City of Bloomington will conduct a thorough inventory of the City's physical infrastructure within its public rights-of-way. This includes curb ramps, intersection and street geometry, and pedestrian bridges and underpasses. City staff has already begun to catalog areas in the City that have the highest levels of pedestrian traffic. Data from approximately 95 percent of the City has been collected for the curb ramps as of 2021. (There are approximately 200 of nearly 4700 pedestrian ramps in the City that remain to be evaluated.) The City estimates a full inventory of Bloomington will be completed by 2022.

Summary

From 2012-2021, the City of Bloomington conducted an inventory of pedestrian facilities within its public rights-of-way consisting of the evaluation of the following facilities:

- 210 miles of sidewalks (23 miles are less than 5' in width)
- 4683 curb ramps*
- 43 miles of trails (27 miles in City rights-of-way, 16 miles in City Parks)
- 73 traffic control signals

*The curb ramp inspections are nearly complete and will continue until they are all inspected which is projected to be in 2022.

A detailed evaluation on how these facilities relate to ADA standards is found in Appendix A and will be updated periodically.

Evaluation of City Policies, Practices and Programs that Impact the Public Rights-of-Way

Policies

The City of Bloomington's goal is to continue to provide accessible pedestrian design features as part of the City's capital improvement projects. The City has established ADA design standards and procedures. These standards and procedures will be kept up to date with national and local best management practices.

The City will consider and respond to all accessibility improvement requests. All accessibility improvements that have been deemed reasonable will be scheduled consistent with transportation priorities. The City will coordinate with external agencies to ensure that all new or altered pedestrian facilities within the City jurisdiction are ADA compliant to the maximum extent feasible.

Maintenance of pedestrian facilities within the public rights-of-way will continue to follow the policies set forth by the City. See the Maintenance section below for more specifics.

Procedure for the Installation of Accessible Pedestrian Signals to Signalized Intersections DRAFT

An Accessible Pedestrian Signal (APS) is a pedestrian pushbutton that communicates to a pedestrian information about push button location, and WALK/DON'T WALK intervals in a non-visual manner, using cues such as audible tones, speech messages, and vibrating surfaces. Bloomington's Draft Procedure for the Installation of APS outlines the guidelines and procedures used to determine the need for APS installation. The City uses a standardized APS prioritization tool to rank several factors at each intersection, such as potential demand for APS, personal requests from citizens with disabilities for APS, traffic volumes, and the complexity of traffic signal phasing and intersection geometry. There are instances where the City would not choose to install APS. Like Hennepin County, in situations where there is a 3-legged intersection or an intersection with heavy left-turn movements from certain approaches, APS may not be installed in all quadrants. Instead, APS, crosswalks, countdown timers, etc. are installed along the legs that experience the fewest number of conflicts based on turning movement counts. The APS procedure, and the APS prioritization tool, can be found in the Appendix C of this document.

Alternative Pedestrian Access Routes During Construction and Maintenance Projects

Construction and temporary traffic control zones present special challenges for pedestrians with disabilities. According to PROWAG (R205), when an existing pedestrian access route is blocked by construction or maintenance, an ADA compliant alternative pedestrian access route shall be provided. Mn/DOT and the Minnesota Manual on Uniform Traffic Control Devices Chapter 6D offers technical guidance on this issue. MnDOT continues to update these guidelines as necessary, and the City of Bloomington monitors MnDOT's evolving standards to stay in compliance. In the field, the City individually evaluates any temporary traffic control zone to ensure compliance with PROWAG. The responsibility for providing compliant alternative pedestrian routes falls to the project contractor, however Public Works staff facilitate compliance by using a Mn/DOT Draft Pedestrian Accessibility Checklist to evaluate each temporary site. The checklist can be found in the Appendix C of this document.

Maintenance

The Public Works Department is responsible for the seasonal maintenance of its facilities. Multiple maintenance policies affect the accessibility of the City's facilities.

Snow Removal: Sidewalk Plow Routes:

The City Code implies that the snow removal from public sidewalks is the responsibility of the adjacent property owners in two different code sections. By Section 12.03(1) snow and ice is to be removed from public sidewalks within twelve (12) hours after the snow stops falling or it will be classified as a public nuisance and Section 8.02 allows for the assessment of the cost related to public nuisance snow removal. However, the City of Bloomington currently has a program in place for plowing snow on public sidewalks.

The City of Bloomington plows its sidewalks based on a three-tiered prioritization system. Priority one routes, sidewalks designated as school walking routes as well as known routes used by residents with disabilities, along with some higher pedestrian traffic areas, such as around the Mall of America, are plowed first. Priority two routes, sidewalks in areas with high pedestrian traffic and along main arterial roads, are plowed next. Finally, sidewalks in residential areas are plowed last. A City map labeled with priority one, two and three sidewalks is available upon request.

Boulevard Tree Trimming Policy:

The City of Bloomington annually inspects for any overgrown trees that may be obstructing the public rights-of-way. Each year, every snowplow operator inspects his or her assigned snow plow route for hazards. Lists of trees that need to be trimmed are turned in to the Street Maintenance Supervisor to be put on a master list. As time permits, crews are sent out to notify property owners with letters of the City's intent to trim the boulevard trees adjacent to their property. Priority is given to ADA trimming requests. All trimming is done on a time available schedule.

Concrete Repair Fund:

The Maintenance Division manages a fund used for routine and emergency concrete maintenance. This fund is used to repair trip hazards aka "kicks" that also make a sidewalk non-compliant with ADA criteria. This money is also used to respond to specific resident requests for ADA upgrades. If the request is technically feasible, this fund allows the City to fulfill the request in a timely manner.

Practices

Since the adoption of the ADA, the City of Bloomington strives to provide accessible pedestrian features as part of the City's capital improvement projects. As additional information was made available as to the methods of providing accessible pedestrian features, the City updated their procedures to accommodate these methods. This includes practices like when sidewalk snow plow drivers look at their routes to provide suggestions of where curb ramps are missing or fire hydrants, pole or other obstructions exist. This obstruction list is used to make modifications to the pedestrian facilities within the rights-of-way.

Programs

Pavement Management Program (PMP)

The PMP is a street maintenance plan that implements the right maintenance at the right time in a road and trail's lifecycle to reduce the overall cost of keeping the City's streets and trails in good condition. There are four categories of projects under the PMP: reconstruction, mill and overlay, multi-modal trails and seal coating. The Public Works Department's annual construction schedule is driven by data gathered through the PMP and budget. The reconstruction, overlay

and multi-modal trail projects provide an excellent opportunity for the City to upgrade pedestrian facilities to meet current ADA standards. The data-driven nature of the PMP makes it an extremely useful vehicle for ADA compliance. With the PMP projects the City's public rights-of-way would be fully compliant with PROWAG standards by 2031, assuming no significant modifications occur.

Capital Improvement Plan

In addition to the Pavement Management Program where most of the ADA improvements will occur, there are also opportunities to make ADA enhancements with the Capital Improvement Plan. New development and transit improvement projects like the Orange Line and D-Line provide other occasions to upgrade pedestrian facilities to meet current ADA standards.

Alternative Transportation Plan

The City of Bloomington will also ensure that corridors identified in its Alternative Transportation plan, Figure 3.2 ATP System and Figure 3.3: ATP System by Facility Type meet ADA regulations. This ATP System identifies a core multi-modal network through the City that connects the neighborhoods to destinations via Local Connections, Community Corridors and Regional Trails. (Figures 3.2 & 3.3 from the ATP Draft are included in the Appendix C.)

Safe Routes to School

The City of Bloomington is a participant of the national Safe Routes to School program intended to make pedestrian travel safer for children. Improvements made to a roadway or sidewalk with these projects are designed to accommodate all users and are constructed to meet ADA compliance. These improvements include, but are not limited to, installation of Rectangular Rapid Flash Beacons (RRFB) enhanced crosswalks, additional sidewalk to eliminate gaps, and pedestrian curb ramps.

Priority Areas

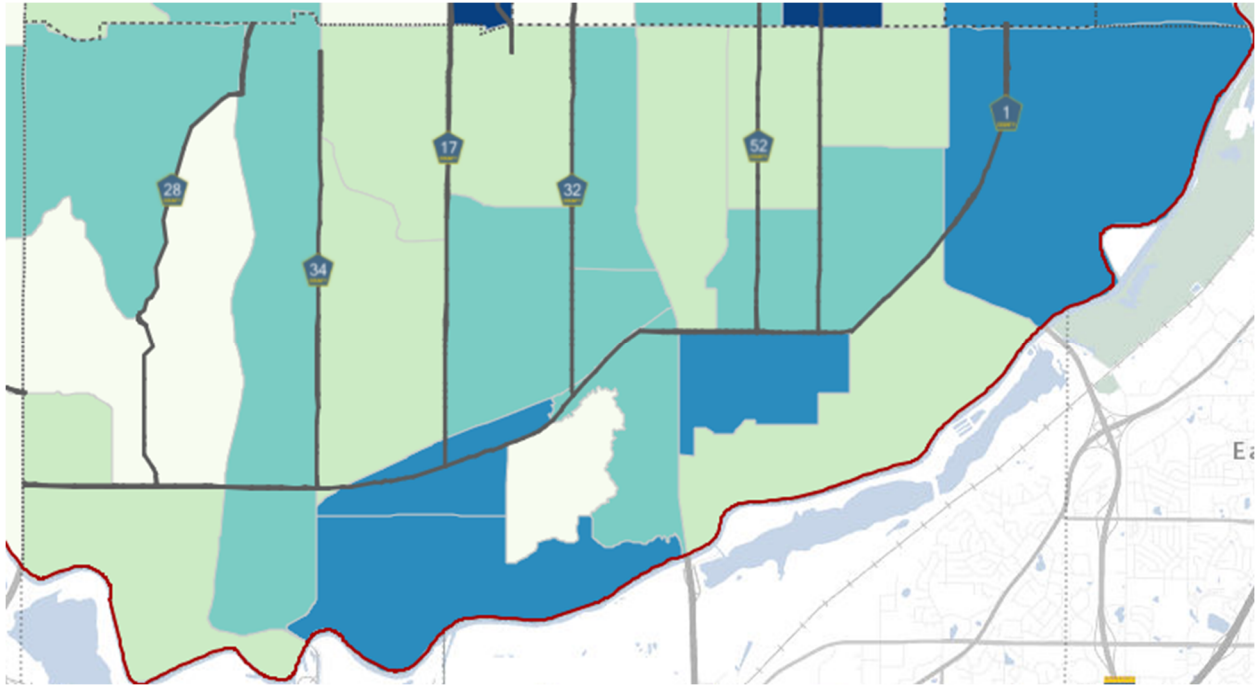
The City of Bloomington has identified specific locations as priority areas for planned accessibility improvement projects. These areas have been selected due to their proximity to specific land uses such as schools, government offices and medical facilities, as well as from the receipt of public comments. The priority areas as identified in the self-evaluation are as follows:

- Lyndale Avenue (City Limits)
- France Avenue & Old Shakopee Road (France Avenue from 102nd Street to 108th Street and Old Shakopee Road from Beard Avenue to Kell Avenue)
- South Loop District
- Penn/American District

Further there are four census tracts within Bloomington that have a population of people with disabilities of 15% or greater. They are as follows and shown in dark blue on the City of Bloomington map shown below:

- Census Tract 251(27053025100) – Coincides with the South Loop District slightly expanded
- Census Tract 253.02 (27053025302) – Lyndale Ave east to Chicago Ave south of Old Shakopee Road
- Census Tract 258.03 (27053025803) – Centers around France & Old Shakopee Road

- Census Tract 258.05 (27053025805) – East of Normandale Blvd and south of 110th Street



External Agency Coordination

Many other agencies are responsible for pedestrian facilities within the jurisdiction of the City of Bloomington. These include agencies like Hennepin County, Three Rivers Parks, MnDOT, Metro Transit or DNR. The City will coordinate with those agencies to track and assist in the facilitation of the elimination of accessibility barriers along their routes and continue to work together on projects.

What Triggers an ADA Upgrade?

ACTION	Upgrades Required?
CONSTRUCTION	
Mill and Overlay For mid/partial block overlays upgrades are only required in impacted street areas. Curb ramp must be installed where they are required but do not exist and any existing curb ramps must be brought into compliance.	Yes
Hennepin County Mill and Overlay *	Yes
New Construction Curb cuts, sidewalks, trails, pedestrian crosswalks, traffic signal installation, pedestrian tunnels/overpasses, and new development	Yes
Reconstruction Roadways widening, additional vehicle or bike lanes, horizontal or vertical alignment changes, bridge replacement, total road rehabilitation, installation of concrete curb and gutter, traffic signal replacement, sidewalk or trail replacement.	Yes
MAINTENANCE	
Crack Sealing	No
Concrete Joint Sealing	No
Concrete Surface planing/grinding	No
Curb Replacement If the curb replacement is at an existing or proposed pedestrian ramp location, then it should meet ADA requirements. If the curb is not at a pedestrian crossing then standard curb (B618, etc.) can be used.	Maybe
Pothole Patching	No
Seal Coating	No
Sidewalk Panel Replacement Accessibility upgrades should be done to the extent feasible. If only one or two panels are being replaced, then there may be no opportunity to make changes.	Maybe
Sidewalk Joint Grinding	No
Sidewalk Panel Bituminous Patch The larger the patch section, the better the opportunity to accommodate some provisions such as slope, cross-slope, and path consistency.	Maybe
Skin Patching	No
Utility Patching If the patch is located in the middle of the street bed, then no upgrade is required. However, if the patch disturbs curb ramps or sidewalks, then upgrades are required.	Maybe
TRAFFIC	
Crosswalk Installation Any new marked and signed crossings needs to be compliant.	Yes
Pavement Marking Modification Any pedestrian-related pavement markings should be consistent with accessibility provisions but do not trigger any additional accessibility projects.	Maybe

* Historically, through the Hennepin County permitting process, the City of Bloomington is required to provide ADA compliant curb ramps and other amenities when working within the Hennepin County rights-of-way. However, to date the City has not upgraded facilities for Hennepin County Mill and Overlay Projects. The City believes that since it is a Hennepin County project on a Hennepin County roadway that they should be responsible for the upgrade.

**Private Utility companies such as Xcel Energy or Centerpoint Energy will be required to meet the same triggers for ADA updates as listed in the maintenance section above for work within Bloomington rights-of-way.

Neighborhood and Stakeholder Meetings

Any public meeting, hearing, or comment period held by the City of Bloomington is accessible. The City provides qualified interpreters upon request and will provide documents in an accessible electronic format or other alternative formats, such as large print or Braille. *All public notices shall contain contact information for accommodation requests.*

Public meetings, trainings, programs and other events must be in an accessible location and indicated on the meeting notice. Project managers and other City staff are directed to use the [Department of Justice Guide to Conducting Accessible Meetings](#) to assist in planning public meetings.

Other Communication with Residents

TTY Communication: MN Relay 711

Website: The City strives to comply with the following accessibility standards for Web content:

- Section 508 of the Rehabilitation Act as amended by Congress in 1998.
- Conformance with WCAG 2.0 Level A success criteria.

Further details regarding website compliance can be found at <https://www.bloomingtonmn.gov/com/website-accessibility-statement>

The City will provide documents in an accessible electronic format or other alternative formats, such as large print or Braille, if requested.

Bloomington ADA Liaison

Section 35.107 (a) of 28 CFR 35 regulations requires public entities to designate an ADA Liaison to coordinate ADA compliance efforts. The liaison is also responsible for investigating complaints of alleged noncompliance. This plan also appoints two representatives from the Public Works Department to assist the ADA Liaison with the implementation of this Transition Plan. Contact information for the designees is listed below.

City of Bloomington ADA Liaison#1

Name: Tracy Smith

Email: tsmith@BloomingtonMN.gov

Phone: (952) 563-8733

City of Bloomington ADA Liaison #2

Name: Community Outreach and Engagement Manager

Email: outreach@BloomingtonMN.gov

Phone: (952) 563-8733

Public Works Department ADA Representative #1

Name: Bob Simons

Email: bsimons@BloomingtonMN.gov

Phone: (952) 563-8758

Public Works Department ADA Representative #2

Name: Ken Frosig

Email: kfrosig@BloomingtonMN.gov

Phone: (952) 563-8767

ADA Grievance Procedures

Section 35.107 (b) of 28 CFR 35 regulations requires the City of Bloomington to adopt and publish grievance procedures citizens can use to formally bring complaints of alleged city ADA non-compliance to the attention of city officials. The City of Bloomington adopted a new reasonable accommodation and grievance process in 2021.

Public Participation

The City of Bloomington recognizes that public participation is an important component in the development of this document. Input from the community has been gathered and used to help define priority areas for improvements within the jurisdiction of Bloomington.

In 2015, a draft copy of the original transition plan was sent to known organizations that serve people with disabilities in the City of Bloomington. No comments were received.

The Transition Plan was approved at City Council on November 7, 2016, and is available to the public online at on the City's webpage, www.BloomingtonMN.gov, keyword "ADA Transition Plan. Once approved, an update to the plan will be posted in the same location in early 2022.

Bloomington Organizations Serving Persons With Disabilities

Normandale Community College
St. Michael's Lutheran Church
Penelope 35
Pacer Center
Paralyzed Veterans of America – Minnesota Chapter

A draft copy of the plan was presented to the Bloomington Human Rights Commission in 2015 and shared with others like the State Council on Disability and Hennepin County. Hennepin County did share some comments and are included in Appendix E.

A draft copy was shared with the public at the Minnesota River Valley Strategic Plan Community Open House #2 held on June 17, 2015. No specific written comments were received, but in general people were receptive to the plan.

A booth at the Bloomington's Farmer's Market was used on October 1, 2016 to solicit public input. A total of 48 people stopped by to inquire about the plan. There was only one comment regarding ADA compliance, however it was on private property and not the public rights-of-way.

A booth at the Bloomington's Farmer's Market was used on October 16, 2021 to give updated information on ADA related work that has been completed since plan inception in 2016. Approximately 15-20 people visited the booth to inquire about the work that has been done.

The Transition Plan, a list of interested persons consulted, and a description of any modifications made to any policies, practices and programs must be maintained on file and available to the public for at least three years following the completion of the self-evaluation.

Staff Training

Bloomington staff have participated in Mn/DOT ADA overview training in the past, including the most recent training in the winter of 2016 as well as the Mn/DOT Signal Certification and Concrete Field classes where ADA issues are discussed. The ADA unit of Mn/DOT has also visited Bloomington to train and answer questions in the field as necessary. This training continues with refresher courses for current staff as needed. The City of Bloomington's ADA Liaison #1 has also completed the University of Missouri's ADA Coordinator Training Certification Program (ACTCP).

Plan Management

This plan is intended to be a living document that will receive routine updates. To facilitate the implementation of the transition plan, Public Works Department staff will prepare an annual report for the City Council that lists ADA upgrades within the public rights-of-way accomplished in the last year.

The appendices in this document will be updated periodically, while the main body of the document will be updated in five years with a future update schedule to be developed at that time. With each main body update, a public comment period will be established to continue the public outreach.

The main body of the document was updated in 2022 along with updates to appendices. A Let's Talk Bloomington page was developed during the 2022 update to engage the public and a booth was also held at the Bloomington Farmer's Market in October 2021. The main body of the document will continue to be updated every five years with periodic updates to the appendices.

Appendix

Appendix A: Self Evaluation Results

Appendix B: Schedule/Budget Information

Appendix C: Design Standards

- Draft APS Procedure and Prioritization Tool for Installation of Accessible Pedestrian Signals
- Mn/DOT Pedestrian Accessibility Checklist
- ATP - Figure 3.2 ATP System
- Public Parking Policy – Disability Parking, Section 4

Appendix D: Grievance Procedure

Appendix E: Public Outreach

Appendix F: Glossary

The City of Bloomington does not discriminate against or deny the benefits of its services, programs, or activities to a qualified person because of a disability. The City will provide a reasonable accommodation or modify its policies and programs to allow people with disabilities to participate in all City services, programs, activities, and employment. The law does not require the City to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden on the City. To make a request for a reasonable accommodation, ask for more information, or to file a complaint, contact the Community Outreach and Engagement Division, City of Bloomington, 1800 West Old Shakopee Road, Bloomington, MN 55431-3027; 952-563-8733, MN Relay 711.

Appendix A – Self-Evaluation Results

Self-evaluation of pedestrian facilities continues and yields the following results:

- 91.5% of sidewalks met accessibility criteria (based on length)
- 11% of the sidewalk is less than 5' wide and does not meet accessibility criteria (based on width) (23 of 210 miles)
- 45% of curb ramps met accessibility criteria (of those inspected to date)
- 72% of trails met accessibility criteria (19.51 miles of 27 miles)
- 15% of traffic control signals had APS (11 of 73)

The Self Evaluation is not complete for all rights-of-way attributes yet. It is expected to be completed in 2022.

The sidewalk inspection updated (late 2021) has yielded just under 9,500 locations that needed to be addressed for tripping hazards/non-compliance with ADA. On average 1,500 locations have been ground or replaced in any given year since 2014, with the exception of 2020. It is anticipated that the completion of the first run through the entire City for tripping hazard grinding will complete in 2023.

See attached pages for other detailed self-evaluation results.

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant	
11/16/2021	27Z14-01	E OLD SHAKOPEE RD	E 98TH ST	One-Way Directional	2021-101					Yes	2.9	1.4	1.0		0.5		Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/16/2021	27Z15-01	E OLD SHAKOPEE RD	E 98TH ST	Diagonal	2021-101					No, reco	5.6	1.9	2.0		1.5		Cast iron	Yes, less	No, write	Yes	Yes	Yes	
11/16/2021	27W18-01	EILLIOT AVE S	E OLD SHAKOPEE RD	One-Way Directional	2021-101					Yes	4.9	1.3	1.4		1.2		Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/16/2021	27X17-01	EILLIOT AVE S	E OLD SHAKOPEE RD	One-Way Directional	2021-101					Yes	4.2	1.4	1.7		1.7		Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/5/2021	09Z39		W 82ND ST	One-Way Directional		5.5	6	2.4	1.0		4.5	1.8	0.5	4.4	1.4	1.6	Cast iron	No, more	No, write	No, reco	Yes	Yes	
11/5/2021	09Z41		W 82ND ST	One-Way Directional		5.5	6.7	2.2	1.2	Yes	2.1	2.4	1.6	1.5	2.3	1.8	Cast iron	No, more	Yes	No, reco	Yes	No	
11/5/2021	09Z42		W 82ND ST	One-Way Directional		6.8	6	0.4	2.5	Yes	6.5	0.9	0.5	0.2	1.2	1.1	Cast iron	No, more	Yes	No, reco	Yes	No	
11/5/2021	10G52	PENN AVE S	QUEEN AVE S	Diagonal	2021-101	6	5	1.2	0.7	No, reco	3.1	0.6	1.7	3.3	1.8	2.9	Cast iron	Yes, less	No, write	Yes	Yes	Yes	
11/5/2021	10H52	PENN AVE S	QUEEN AVE S	Diagonal	2021-101	4.5	5	1.0	0.0	Yes	5.1	0.0	0.8	0.7	0.0	0.8	Cast iron	Yes, less	No, write	Yes	Yes	Yes	
11/5/2021	10M48	RUSSELL AVE S	W 84TH ST	One-Way Directional	2021-101	5	5	2.1	0.1	Yes	1.2	1.8	1.0	3.8	2.2	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/5/2021	15M52	PENN AVE S	W 88TH ST	Combined Directional		4	5	3.0	1.0	Yes	0.3	5.0	1.9	5.4	2.7	5.4	Cast iron	Yes, less	Yes	No, reco	Yes	No	
11/5/2021	15M52	PENN AVE S	W 88TH ST	Combined Directional						No, reco	3.8	2.1	2.3	1.3	1.0	2.4	Cast iron	No, more	No, reco	Yes	Yes	No	
11/5/2021	30A30E	W BLOOMINGTON FWY	W 94th St	One-Way Directional	2019-102	6	6	1.5	1.0	Yes	1.6	1.0	0.1	4.3	0.4	3.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/5/2021	31B30	W BLOOMINGTON FWY		Diagonal		5.7	5	1.3	5.2	No, reco	9.7	10.2	5.4	0.0	5.0	1.1	Cast iron	Yes, less	No, write	No, reco	No, reco	No	
11/5/2021	33A52-01	PENN AVE S	W 94th St	Parallel	2019-102					No, reco	0.1	0.3	0.1	2.4	0.2	8.1	Cast iron	No, more	Yes	Yes	Yes	Yes	
11/5/2021	31Z13-03	LOGAN AVE S	W 98TH ST	One-Way Directional	2012-102			1.0	1.3	No, reco	5.0	0.3	2.3	3.5	2.0	2.3	Cast iron	Yes, less	Yes	No, reco	No, reco	No	
11/5/2021	31Z13-02	LOGAN AVE S	W 98TH ST	One-Way Directional	2012-102			0.9	0.7	No, reco	5.3	0.7	1.9	1.1	2.2	2.1	Cast iron	No, more	No, reco	No, reco	No, reco	No	
11/5/2021	31Z13-01	LOGAN AVE S	W 98TH ST	One-Way Directional	2012-102			0.1	2.8	No, reco	7.7	0.1	0.6	4.5	0.6	1.3	Cast iron	No, more	No, reco	No, reco	No, reco	No	
11/5/2021	31Z14	LOGAN AVE S	W 98TH ST	One-Way Directional	2012-102	5	5	7.2	1.2	Yes	16.1	5.3	4.1	5.6	5.2	5.1	Cast iron	No, more	No, reco	No, reco	No, reco	No	
11/5/2021	26A32-1	RAILROAD	W 98TH ST	One-Way Directional		4.5	6	1.1	2.1	Yes	2.2	1.2			1.0	2.0	Cast iron	Yes, less	Yes		No, reco	Yes	
11/5/2021	26A32-2	RAILROAD	W 98TH ST	One-Way Directional		4.2	6	1.6	1.2	Yes	3.1	1.0			1.5	0.5	Cast iron	Yes, less	Yes		No, reco	Yes	
11/5/2021	31Y27-1	RAILROAD	W 98TH ST	One-Way Directional		6	6	1.0	0.7	Yes	0.5	0.8			1.2	0.3	Cast iron	No, more	Yes		Yes	Yes	
11/5/2021	31Y27-2	RAILROAD	W 98TH ST	One-Way Directional		6	6	0.9	1.7	Yes	0.8	2.9			0.5	0.1	Cast iron	Yes, less	Yes		Yes	No	
11/5/2021	41M43-01	W BLOOMINGTON FWY	W 104TH ST	One-Way Directional	2018-301	5	6	0.8	1.7	Yes	1.6	1.0	2.5	4.3	1.6	2.0	Cast iron	Yes, less	Yes	Yes	No, reco	Yes	
11/5/2021	41M43-02	W BLOOMINGTON FWY	W 104TH ST	One-Way Directional	2018-301	6	6.6	1.0	3.1	Yes	3.8	0.1	0.3	0.8	0.4	2.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes	
11/5/2021	41M43-03	W BLOOMINGTON FWY	W 104TH ST	One-Way Directional	2018-301	5.7	6.6	0.6	0.7	Yes	4.9	0.2	1.2	2.7	1.3	3.4	Cast iron	No, more	Yes	Yes	Yes	Yes	
11/5/2021	41M43-04	W BLOOMINGTON FWY	W 104TH ST	One-Way Directional	2018-301	6	6	0.9	0.5	Yes	4.8	0.6	0.2	5.0	0.5	3.3	Cast iron	No, more	Yes	Yes	Yes	Yes	
11/5/2021	41Q43-01	W BLOOMINGTON FWY	DUPONT RD																			No	
11/5/2021	41Q43-02	W BLOOMINGTON FWY	DUPONT RD																				No
11/5/2021	41G43-01	W BLOOMINGTON FWY	W 105th St																				No
11/5/2021	41G43-02	W BLOOMINGTON FWY	W 105th St																				No
11/5/2021	41V09	MORGAN AVE S	MORGAN CIRCLE	One-Way Directional	2019-101	4	6.4	0.4	1.2	Yes	6.3	0.4	1.4	10.1	0.6	3.0	Cast iron	Yes, less	No, write	Yes	Yes	Yes	
11/5/2021	41V06		MORGAN CIRCLE	One-Way Directional	2007-102	5	5.5	3.1	4.3	No, reco	7.5	0.4	2.5	6.5	3.3	1.6	Cast iron	No, more	No, write	No, reco	No, reco	No	
10/29/2021	041A1-3	PENN AVE	W OLD SHAKOPEE RD	One-Way Directional													Colored concrete						No
10/29/2021	041A1-4	PENN AVE	W OLD SHAKOPEE RD	One-Way Directional													Colored concrete						No
10/29/2021	33F52	PENN AVE S	W 95TH ST	One-Way Directional	2013-102	3	5	2.3	0.7	Yes	1.8	3.8	1.4	4.8	0.5	3.9	Cast iron	No, more	Yes	No, reco	No, reco	No	
10/29/2021	34R20	ZENITH RD	W 101ST ST	One-Way Directional	2008-102	5	4	1.3	1.9	Yes	10.9	0.3	2.5	0.5	1.2	7.3	Cast iron	No, more	No, reco	No, reco	Yes	No	
10/29/2021	34R12	BEARD AVE S	BEARD CURVE	One-Way Directional	2007-101	4.5	5	2.2	3.9	Yes	9.0	2.6	1.8	9.7	3.8	5.1	Cast iron	No, more	No, reco	No, reco	No, reco	No	
10/29/2021	040A1-1	FRANCE AVE		One-Way Directional		3	6	1.1	1.5	No, reco	2.2	0.8	0.6	1.5	1.0	2.3	Cast iron	No, more	Yes	No, reco	No, reco	No	
10/29/2021	040A1-2	FRANCE AVE		Combined Directional						Yes	0.0	2.8	2.1	0.3	1.1	0.1	Cast iron	No, more	No, reco	No, reco	No, reco	No	
10/29/2021	40B10		W OLD SHAKOPEE RD	One-Way Directional						Yes	0.1	1.6	0.8	0.5	1.5	0.8	Cast iron	Yes, less	Yes	No, reco	Yes	Yes	
10/29/2021	40B10		W OLD SHAKOPEE RD	One-Way Directional		8	8	0.7	0.8	Yes	2.1	0.8	1.0	0.3	0.1	0.8	Cast iron	Yes, less	Yes	No, reco	Yes	Yes	
10/29/2021	38N52	FRANCE AVE S	W 108TH ST	One-Way Directional	2021-101	4	4	1.9	0.9	No, write	5.2	0.0	0.6	0.4	1.1	3.9	Cast iron	Yes, less	No, write	Yes	Yes	Yes	
10/29/2021	38M52-1	FRANCE AVE S	W 108TH ST	One-Way Directional	2021-101	8	8	1.6	0.4	Yes	2.8	1.2	0.1	2.7	0.3	1.3	Cast iron	Yes, less	No, write	Yes	Yes	Yes	
10/29/2021	38M52-2	FRANCE AVE S	W 108TH ST	One-Way Directional	2021-101	8	8	0.2	1.2	Yes	2.0	0.7	1.1	6.2	0.2	4.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes	
10/29/2021	40M01-01	FRANCE AVE S	W 108th St	One-Way Directional	2021-101	6.5	6.5	0.1	0.0	Yes	1.9	1.0	1.2	1.9	1.4	2.8	Cast iron	No, more	Yes	Yes	Yes	Yes	
10/29/2021	40M01-02	FRANCE AVE S	W 108th St	One-Way Directional	2021-101	6.5	6.5	0.3	0.0	Yes	0.4	0.3	0.4	2.8	1.2	3.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes	
10/29/2021	<Null>		W 108th St	One-Way Directional		5	6	1.2	0.7	Yes	1.7	1.7	0.9	0.1	0.9	0.5	Cast iron	No, more	Yes	No, reco	Yes	No	
10/29/2021	38F49-2		W OLD SHAKOPEE	One-Way Directional													Colored concrete						No
10/29/2021	38F49-1		W OLD SHAKOPEE	One-Way Directional													Colored concrete	Yes, less	Yes				No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/29/2021	38F49-3		W OLD SHAKOPEE	One-Way Directional		5.5	10	1.6	0.4	No, reco	1.1	1.4	2.6	4.6	1.9	0.6	Colored concrete	Yes, less	No, reco	No, reco	No, reco	No
10/29/2021	38G48	Valley West Shopping	W OLD SHAKOPEE	One-Way Directional		6	6	2.2	0.7	Yes	6.3	4.6	0.6	5.6	1.0	2.8	Colored concrete	No, more	No, reco	No, reco	Yes	No
10/29/2021	38B37	KELL AVE S	Railroad	One-Way Directional						Yes	4.4	0.2			0.6	0.1	Cast iron	Yes, less	Yes		Yes	Yes
10/29/2021	38A37	KELL AVE S	Railroad	One-Way Directional		4	4.5	2.0	0.1	Yes	1.2	2.8			0.9	1.7	Cast iron	Yes, less	Yes		Yes	No
10/29/2021	53M22		W 112TH ST	Perpendicular													Tyned					No
10/29/2021	38N10	RAILROAD	W OLD SHAKOPEE RD	One-Way Directional		5	4	0.2	1.7	Yes	1.2	1.6			0.4	1.2	Cast iron	Yes, less	Yes		Yes	Yes
10/29/2021	38N09	RAILROAD	W OLD SHAKOPEE RD	One-Way Directional		5	4	5.0	2.4	Yes	1.0	6.4			0.1	1.6	Cast iron	Yes, less	Yes		Yes	No
10/29/2021	38N11	RAILROAD	W OLD SHAKOPEE RD	One-Way Directional		5.5	4.5	0.2	1.0	Yes	1.0	1.4			0.5	1.5	Cast iron	No, more	Yes		Yes	Yes
10/29/2021	38N12	RAILROAD	W OLD SHAKOPEE RD	One-Way Directional		5	4.5	0.3	0.7	Yes	1.3	0.2			0.8	1.3	Cast iron	No, more	Yes		Yes	Yes
10/29/2021	13A14	RICH AVE S	W 86TH ST	One-Way Directional	2009-102	6	5	2.7	3.3	No, reco	7.8	2.5	5.6	8.3	4.3	8.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
10/15/2021	11P45-2		AMERICAN BLVD W	Combined Directional		5	6	1.6	0.3	No, reco	6.1	0.8	1.3	1.0	2.5	0.2	Cast iron	No, more	No, reco	No, reco	No, reco	No
10/15/2021	11P45-1		AMERICAN BLVD W	One-Way Directional		5.2	6	2.4	0.5	No, reco	5.0	1.8	1.7	1.4	1.2	0.9	Cast iron	No, more	No, reco	No, reco	Yes	No
10/15/2021	11S48	AMERICAN BLVD W		One-Way Directional		5	5	1.8	1.0	Yes	6.8	1.5	1.1	1.4	1.5	0.3	Cast iron	No, more	No, write	No, reco	Yes	Yes
10/15/2021	11J32	78TH ST CIR		One-Way Directional		5	5	2.4	0.3	No, reco	1.9	2.0	1.4	7.4	1.8	1.0	Cast iron	No, more	Yes	No, reco	Yes	No
10/15/2021	11I32	78TH ST CIR		One-Way Directional		4.8	5	0.8	0.4		1.3	1.5	2.6	4.7	1.2	1.2	Cast iron	No, more	Yes	No, reco	Yes	No
10/15/2021	N/A	PARKLAWN AVE	W 77TH ST	Perpendicular													Exposed aggregate					No
10/15/2021	N/A	PARKLAWN AVE	W 77TH ST	Perpendicular						No, reco	6.3	1.0	1.5	4.8	0.2	5.8	Cast iron	No, more	No, reco	No, reco	Yes	No
10/15/2021	N/A	PARKLAWN AVE	W 77TH ST	One-Way Directional						No, write	4.3	0.4	1.0	7.3	2.0	10.8	Cast iron	No, more	Yes	No, reco	Yes	Yes
10/15/2021	N/A	Minnesota Dr	Minnesota Dr	One-Way Directional	DEV	5	6	2.4	1.5	No, reco	4.5	0.5	0.1	1.3	1.1	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2021	N/A	Minnesota Dr	Minnesota Dr	Depressed Corner	DEV					No, reco	1.8	1.4	2.0	2.6	1.9	1.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2021	56N22		AMERICAN BLVD W	One-Way Directional							2.2	1.2	1.6	1.1	2.2	0.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2021	56M22		AMERICAN BLVD W	One-Way Directional							1.2	0.9	0.8	0.2	0.8	0.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2021	56P23	Norman Center Dr	AMERICAN BLVD W	One-Way Directional		5	8	1.8	0.9	Yes	2.1	1.8	0.4	1.6	0.9	1.2	Cast iron	No, more	Yes	No, reco	Yes	Yes
10/15/2021	56P22	Norman Center Dr	AMERICAN BLVD W	One-Way Directional		5	8	1.6	0.6	Yes	3.5	2.0	1.5	0.5	2.0	1.5	Cast iron	No, more	Yes	Yes	Yes	Yes
10/15/2021	75T39-1	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	38P1	NORMANDALE BLVD	W Old Shakopee	Tiered Perpendicular	1998-207	5	6	1.0	1.8		6.1	1.6	1.0	1.4	1.3	0.8	Tyned	No, more	Yes	No, reco	No, reco	No
10/15/2021	38P0-1	NORMANDALE BLVD	W Old Shakopee	One-Way Directional	1998-207	6.1	7	0.9	4.7		6.1	0.0	0.2	1.5	0.0	1.7	Exposed aggregate		Yes	No, reco	No, reco	No
10/15/2021	38P0-3	NORMANDALE BLVD	W Old Shakopee	Perpendicular	1998-207	5	5	2.0	0.3		4.4	1.4	1.3	1.9	1.8	0.7	Exposed aggregate	Yes, less	Yes			No
10/15/2021	38P0-2	NORMANDALE BLVD	W Old Shakopee	Perpendicular	1998-207	4	6	0.7	0.5		4.5	1.5					Exposed aggregate	Yes, less	Yes			No
10/15/2021	38O0-3	NORMANDALE BLVD	W Old Shakopee	Perpendicular	1998-207	5	5	1.7	1.9		6.0	2.0	1.7	1.8	1.7	1.8	Exposed aggregate	Yes, less	Yes			No
10/15/2021	38O1	NORMANDALE BLVD	W Old Shakopee	Tiered Perpendicular	1998-207	6	6	0.9	1.8		6.6	1.1	2.6	6.4	3.2	2.3	Exposed aggregate	Yes, less	Yes			No
10/15/2021	38O0-1	NORMANDALE BLVD	W Old Shakopee	Perpendicular	1998-207	5.5	6	2.5	2.4		10.6	0.9			1.1	6.3	Exposed aggregate	Yes, less	Yes			No
10/15/2021	38O0-2	NORMANDALE BLVD	W Old Shakopee	Perpendicular	1998-207	6	5.5	2.5	2.5		4.8	1.7			0.1	1.9	Exposed aggregate	Yes, less	Yes			No
10/15/2021	75T38-2	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T38-4	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T38-3	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T38-1	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T39-2	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T39-3	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75T40	NORMANDALE BLVD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	75F39	YOSIMITE RD	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	7.50E+40	YOSIMITE RD	W OLD SHAKOPEE														Exposed aggregate					No
10/15/2021	75A38	NESBITT	W OLD SHAKOPEE	Combined Directional													Exposed aggregate					No
10/15/2021	74M52	NESBITT	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N26-2	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N27-2	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N27-4	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N27-3	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N27-1	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74M27-1	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/15/2021	74M27-3	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No
10/15/2021	74M27-4	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No
10/15/2021	74M27-2	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No
10/15/2021	74L26	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No
10/15/2021	74M26-3	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional	2003-102												Exposed aggregate					No
10/15/2021	74N26-1	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N26-3	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74N26-4	HAMPSHIRE AVE S	W OLD SHAKOPEE	One-Way Directional													Exposed aggregate					No
10/15/2021	74G06	BUSH LAKE RD	BUSH LAKE RD CIR	One-Way Directional	2007-102					No, reco	8.6	2.4	2.9	9.1	1.7	5.7	Cast iron	No, more	Yes	No, reco	No, reco	No
10/15/2021	74H06	BUSH LAKE RD	BUSH LAKE RD CIR	One-Way Directional	2007-102	5.6	5	2.0	1.1	Yes	2.3	1.8	3.1	3.8	2.7	7.6	Cast iron	No, more	Yes	No, reco	No, reco	Yes
10/15/2021	75L10	WILDWOOD RD		One-Way Directional	2011-102					No, reco	1.5	4.0	4.4	3.9	4.1	2.8	Cast iron	No, more	No, write	No, reconstruct to		No
10/15/2021	64V45-01	COLORADO RD	COLORADO CIR	One-Way Directional	2010-101	5.8	5	1.2	1.3	Yes	4.1	1.6	1.9	0.8	1.5	5.5	Cast iron	No, more	Yes	No, reco	No, reco	Yes
10/15/2021	6.50E+45	HYLAND CREEK RD	HYLAND CREEK CIR	One-Way Directional	2008-102	4.5	5	2.8	1.1	Yes	2.2	3.7	2.1	7.0	0.5	7.5	Cast iron	No, more	Yes	No, reco	No, reco	No
10/15/2021	65D41	CAMELOT CIR	HYLAND CREEK RD	One-Way Directional	2008-102	4.6	4.8	0.4	5.4	Yes	9.0	2.8	3.5	8.9	3.4	4.2	Cast iron	No, more	No, write	No, reco	No, reco	No
10/8/2021	056M4-2		W 78TH ST	One-Way Directional		4	5	2.3	0.3	No, reco	5.6	0.4	1.2	12.7	1.0	7.6	Cast iron	No, more	No, reco	No, reco	Yes	No
10/8/2021	47A44-1	E BUSH LAKE RD	W 78TH ST	One-Way Directional		5.7	3.7	0.4	2.5	Yes	7.7	0.9	1.1	7.1	1.3	2.2	Colored concrete	Yes, less	Yes	No, reco	No, reco	No
10/8/2021	63N14	N/A	N/A	One-Way Directional	PARKS					No, reco	1.5	2.7	1.8	0.4	1.5	0.8	Colored concrete	No, more	No, reco	No, reco	No, reco	No
10/8/2021	63N13	N/A	N/A	Perpendicular	PARKS					Yes	3.2	1.6	2.2	0.2	2.3	2.0	Colored concrete	No, more	Yes	No, reco	No, reco	Yes
10/8/2021	59C42	W BUSH LAKE RD	W 78TH ST	One-Way Directional	MnDOT 169-494	5	5.5	1.1	0.8	Yes	8.3	1.3	0.5	7.3	0.6	1.1	Colored concrete	No, more	Yes	No, reco	No, reco	No
10/8/2021	59D42-02	W BUSH LAKE RD	W 78TH ST	Depressed Corner	MnDOT 169-494					No, reco	3.6	4.5	3.5	7.0	2.5	1.6	Colored concrete	No, more	No, reco	No, reco	Yes	No
10/8/2021	59D42-01	W BUSH LAKE RD	W 78TH ST	One-Way Directional	MnDOT 169-494			3.6		No, reconstruct to		1.4	1.4	4.3	1.9	0.5	Colored concrete	No, more	Yes	No, reco	Yes	<Null>
10/8/2021	59D42	W BUSH LAKE RD	W 78TH ST	Perpendicular	MnDOT 169-494					No, reco	5.3	3.5	4.5	8.6	4.5	1.0	Colored concrete	Yes, less	Yes	No, reco	Yes	No
10/8/2021	59H47		LEA RD	One-Way Directional	2007-101					No, reco	7.2	3.7	2.6	8.1	2.4	7.5	Cast iron	No, more	No, write	No, reconstruct to		No
10/8/2021	59H48		LEA RD	One-Way Directional	2007-101					No, reco	3.3	0.4	0.8	6.3	2.1	5.3	Cast iron	No, more	No, write	No, reconstruct to		Yes
10/8/2021	59L21	Circle Dr	Marth Rd	One-Way Directional													None					No
10/8/2021	59M19	CIRCLE DR		One-Way Directional						No, reco	9.6	1.3	0.1	0.4	1.9	1.7	Cast iron	No, more	No, reco	No, reco	No, reco	No
10/8/2021	59L20	Circle Dr	MARTH RD	One-Way Directional		8.3	8	0.2	2.6	No, reco	10.7	1.5			0.6	0.4	Cast iron	No, more	No, reconstruct to	No, reco		No
10/8/2021	59L20-01	Circle Dr	Marth Rd	One-Way Directional													None					No
10/8/2021	07P07-02	Newton Ave S		One-Way Directional													None					No
10/8/2021	07P07-01	Newton Ave S		Depressed Corner													None					No
10/8/2021	07P06-01	NEWTON AVE S		One-Way Directional	2011-302	6	5	1.8	2.1	Yes	1.3	3.1	2.4	0.6	2.2	1.6	Cast iron	No, more	Yes	No, reco	No, reco	No
10/8/2021	07P06-02	NEWTON AVE S		One-Way Directional	2011-302	4.5	6	0.4	1.2	Yes	5.7	0.1	0.3	1.9	0.9	0.1	Cast iron	No, more	Yes	No, reco	No, reco	No
10/8/2021	07P06-03	Newton Ave S		Perpendicular													None					No
10/8/2021	07Q06-01	NEWTON AVE S		One-Way Directional	2011-302	4.7	6	0.6	2.1	Yes	4.1	1.0	0.7	1.0	1.1	1.8	Cast iron	No, more	Yes	No, reco	No, reco	No
10/8/2021	07Q06-02	NEWTON AVE S		One-Way Directional	2011-302	4	6	1.2	1.8	Yes	8.1	4.4	0.2	0.4	0.5	0.8	Cast iron	No, more	Yes	No, reco	Yes	No
10/8/2021	07R06	NEWTON AVE S	W 81ST ST	Depressed Corner	2011-302					No, reco	2.8	3.7	2.8	4.2	2.9	2.4	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
10/8/2021	07R03		W 81ST ST	One-Way Directional	2011-302					No, reco	5.6	0.1	0.8	3.3	2.6	1.8	Cast iron	No, more	Yes	No, reco	No, reco	No
10/8/2021	07R02		W 81ST ST	One-Way Directional	2011-302					No, reco	6.7	2.7	3.0	2.2	3.0	1.4	Cast iron	No, more	Yes	No, reco	No, reco	No
10/8/2021	07R07	NEWTON AVE S	W 81ST ST	One-Way Directional	2011-302	6	8	1.6	1.0	Yes	0.8	2.6	1.7	9.3	2.2	0.4	Cast iron	Yes, less	Yes	No, reco	No, reco	No
10/8/2021	07R07-01	Newton Ave S		One-Way Directional													None					No
10/8/2021	07R07-02	Newton Ave S		One-Way Directional													None					No
10/8/2021	07R09	MORGAN CIR	W 81ST ST	One-Way Directional		6	6	1.9	0.4	Yes	4.3	1.4	1.4	3.8	3.0	2.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07R10	MORGAN CIR	W 81ST ST	One-Way Directional		4.5	4.5	0.7	0.9	Yes	3.9	1.0	1.5	1.3	1.9	5.0	Cast iron	Yes, less	No, reco	Yes	Yes	No
10/8/2021	07R13-01		W 81ST ST	One-Way Directional		5	6	0.6	0.0	Yes	1.4	1.0	0.8	0.1	1.0	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07R14-01		W 81ST ST	One-Way Directional		5.5	5.5	1.5	0.1	Yes	0.5	1.4	1.9	0.3	1.8	0.5	Cast iron	Yes, less	Yes	Yes	Yes	<Null>
10/8/2021	07R13-02		W 81ST ST	One-Way Directional		5.7	6	1.6	0.0	Yes	1.3	1.0	0.9	0.9	1.3	0.4	Cast iron	Yes, less	Yes	Yes	Yes	<Null>
10/8/2021	07R14-02		W 81ST ST	One-Way Directional		5	6	1.0	1.3	Yes	1.4	0.6	0.4	0.6	0.1	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07R16	KNOX AVE S	W 81ST ST	One-Way Directional		6	6	0.1	1.0	Yes	7.6	0.1	0.0	1.8	0.2	1.3	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2021	07Q16	KNOX AVE S	W 81ST ST	One-Way Directional		6	7	1.4	1.0	No, reco	0.5	1.2	0.8	1.5	0.8	2.5	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2021	07O17	KNOX AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	5.3	5.4	1.4	3.4	No, reco	2.3	2.6	2.0	0.4	2.2	1.1	Cast iron	Yes, less	Yes	Yes	Yes	No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/8/2021	07N17	KNOX AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	10	6	1.9	0.5	No, reco	0.9	0.5	1.6	1.1	3.1	0.0	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2021	07N14-01		W 80TH 1/2 ST	One-Way Directional	2011-302	6	8	1.3	0.6	Yes	0.5	0.7	0.5	0.7	0.9	0.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N14-02		W 80TH 1/2 ST	One-Way Directional	2011-302	8	6	0.7	0.6	Yes	1.9	0.1	0.6	1.2	0.4	3.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07O14-01		W 80TH 1/2 ST	One-Way Directional	2011-302	11	6	0.7	1.3	Yes	0.9	0.3	0.1	3.2	0.0	0.7	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2021	07O14-02		W 80TH 1/2 ST	One-Way Directional	2011-302	6		1.1	0.9	Yes	0.6	1.2	1.8	0.4	1.4	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07O13		W 80TH 1/2 ST	One-Way Directional	2011-302	7	11	1.1	1.0	No, reco	0.0	1.0	0.8	0.9	0.6	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N13		W 80TH 1/2 ST	One-Way Directional	2011-302	6.5	8	0.7	0.6	Yes	2.9	1.5	0.9	0.8	1.5	0.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N12-02		W 80TH 1/2 ST	One-Way Directional	2011-302	6	8	1.1	1.1	Yes	3.4	0.4	0.1	0.4	0.6	0.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N12-01		W 80TH 1/2 ST	One-Way Directional	2011-302	5.8	8	0.8	0.3	Yes	3.8	1.3	1.3	1.0	1.6	0.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N11-02		W 80TH 1/2 ST	One-Way Directional	2011-302	5	8	0.7	0.0	Yes	2.9	0.5	0.4	0.9	0.7	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2021	07N11-01		W 80TH 1/2 ST	One-Way Directional	2011-302	6.5	8	0.8	2.8	Yes	3.6	0.8	1.8	0.2	1.7	0.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07N10-03	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	6	8	1.1	0.8	Yes	7.4	1.9	1.2	5.2	2.3	2.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07N10-04	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	8	6	0.8	1.9	Yes	0.8	0.7	1.8	3.0	0.9	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07O10-04	Morgan Cir	W 80 1/2 ST	One-Way Directional		11	7	0.3	0.9	Yes	4.2	1.2	1.1	1.6	1.6	2.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07O10-03	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	7	10.6	0.9	0.1	Yes	2.6	0.9	1.8	0.1	0.3	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07P09-04	MORGAN CIR		One-Way Directional		7	5	0.6	1.1	Yes	5.4	1.6	0.7	1.9	0.9	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07P09-03	MORGAN CIR		One-Way Directional						No, reco	5.3	0.5	0.4	0.4	0.7	1.8	Cast iron	Yes, less	Yes	Yes	Yes	No
10/1/2021	07P09-02	MORGAN CIR		One-Way Directional						No, reco	5.2	1.2	1.5	3.5	1.5	3.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07P09-01	MORGAN CIR		One-Way Directional		8	7	1.0	2.0	Yes	1.6	2.1	2.5	2.7	2.6	4.1	Cast iron	Yes, less	Yes	Yes	Yes	No
10/1/2021	07O10-02	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	7	8	1.7	0.9	Yes	2.2	1.5	1.1	2.9	1.2	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07O10-01	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	8	7	1.3	1.5	Yes	0.6	0.6	0.9	4.5	0.5	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/1/2021	07N10-02	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	2.3	6	0.5	1.9	Yes	2.6	0.1	2.0	2.0	0.2	1.2	Cast iron	Yes, less	Yes	No, reco	Yes	Yes
10/1/2021	07N10-01	MORGAN CIR	W 80TH 1/2 ST	One-Way Directional	2011-302	2.5	6	2.1	1.9	Yes	1.4	0.0	1.4	3.8	0.4	1.3	Cast iron	Yes, less	Yes	No, reco	Yes	No
10/1/2021	07N09		W 80TH 1/2 ST	One-Way Directional	2011-302						3.3	2.6	0.9	0.0	1.3	0.6	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N08-02		W 80TH 1/2 ST	One-Way Directional	2011-302						1.0	3.0	27.0	3.2	2.6	1.1	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N08-01		W 80TH 1/2 ST	One-Way Directional	2011-302	2	5.5	1.1	1.8		6.7	1.4	1.4	2.4	0.7	0.4	Cast iron	No, more	No, reco	No, reco	Yes	No
10/1/2021	07N07		W 80TH 1/2 ST	One-Way Directional	2011-302	2.5	6	2.0	3.7	No, write	8.0	0.3	1.4	1.6	1.2	3.6	Cast iron	No, more	Yes	Yes	Yes	No
10/1/2021	07O07	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	2.5	6	0.0	1.1	Yes	5.3	0.3	0.2	1.6	0.1	3.2	Cast iron	No, more	Yes	Yes	Yes	No
10/1/2021	07O06-02	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	3	6	1.2	1.2	No, reco	4.1	2.1	1.6	1.6	0.9	2.1	Cast iron	No, more	Yes	Yes	Yes	No
10/1/2021	07O06-01	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302						4.6	0.2	0.9	1.0	0.0	1.5	Cast iron	Yes, less	Yes	No, reco	Yes	No
10/1/2021	07O05	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	5	6	1.5	0.1	Yes	2.8	1.6	1.3	0.4	3.0	2.9	Cast iron	No, more	Yes	No, reco	No, reco	No
10/1/2021	07N05	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	8.8	8	3.2	0.2	Yes	2.4	2.8	1.6	0.7	2.2	4.0	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N06-01	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	5.4	8	1.6	2.2	Yes	4.1	1.5	1.1	0.5	0.8	2.3	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N07	NEWTON AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	2.7	6	1.7	1.3	Yes	3.2	0.5	1.1	1.1	1.7	1.8	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N06-02	NEWTON AVE S	W 80TH 1/2 ST	Depressed Corner	2011-302	2.8	6	0.7	0.3	No, reco	6.9	0.1	0.3	1.7	0.5	1.6	Cast iron	Yes, less	No, reco	No, reco	Yes	No
10/1/2021	07N06	NEWTON AVE S		Depressed Corner	2011-302	5	6.4	1.4	3.2	Yes	4.0	4.1	0.6	0.3	0.4	2.2	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07N04		W 80TH 1/2 ST	One-Way Directional	2011-302	6	8	0.3	1.3	Yes	0.8	0.3	0.1	0.3	0.4	1.1	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O04		W 80TH 1/2 ST	One-Way Directional	2011-302					No, reco	1.9	1.6	2.3	3.8	1.7	0.1	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O04-01		W 80 1/2 ST	One-Way Directional	2011-302						4.2	1.1	1.5	0.4	0.9	2.3	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O04-02		W 80 1/2 ST	One-Way Directional	2011-302	2.8	9.6	3.6	2.5		6.1	1.3	0.6	1.4	0.4	1.5	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O03		W 80TH 1/2 ST	One-Way Directional	2011-302						1.6	1.5	1.5	0.3	1.2	0.3	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O02-02		W 80TH 1/2 ST	One-Way Directional	2011-302	3.3	9.6	1.5	3.0	Yes	3.4	0.7	1.2	9.3	1.9	1.2	Cast iron	No, more	Yes	No, reco	Yes	No
10/1/2021	07O02		W 80TH 1/2 ST	One-Way Directional	2011-302	7.6	5.4	2.0	2.8	Yes	5.3	0.5	0.9	4.1	1.1	0.1	Cast iron	Yes, less	Yes	No, reco	Yes	No
10/1/2021	07N02		W 80TH 1/2 ST	One-Way Directional	2011-302	11.5	8.2	1.5	0.0	Yes	0.8	1.0	0.1	1.1	1.8	4.2	Cast iron	Yes, less	Yes	No, reco	Yes	Yes
10/1/2021	07O01	PENN AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	8	8	0.4	0.8	Yes	1.2	1.1	0.5	0.2	0.4	0.8	Cast iron	Yes, less	Yes	No, reco	No, reco	No
10/1/2021	07O01	PENN AVE S	W 80TH 1/2 ST	One-Way Directional	2011-302	5.9	8	1.7	0.0	Yes	1.0	0.6	1.1	1.0	0.3	0.8	Cast iron	No, more	Yes	No, reco	No, reco	No
8/30/2021	40A40-01	THOMAS AVE S	W 106TH ST	One-Way Directional	2009-101	4.6	4.5	4.9	0.3		6.0	1.9	2.0	3.1	2.8	3.4	Cast iron	Yes, less	Yes	No, reco	No, reco	No
8/30/2021	39Q37	UPTON AVE S	W OLD SHAKOPEE RD	One-Way Directional		3.7	5.1	2.4	1.2		13.0	7.1	1.0	1.8	0.1	0.7	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
8/30/2021	76J28-2	Zion Cir	Zion Rd	One-Way Directional		4.8	4.7	0.6	2.0		6.3	3.5	3.0	10.4	3.1	2.4	Cast iron	No, more	Yes	No, reco	No, reco	No
8/30/2021	76J28-1	Zion Cir	Zion Rd	One-Way Directional		5.5	4.8	3.7	0.4		0.9	3.5	3.5	12.2	2.5	1.0	Cast iron	No, more	Yes	Yes	Yes	No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/30/2021	53Y17	OVERLOOK LAKE CIR	OVERLOOK DR	Perpendicular	2012-102	5.3	4.8	1.7	4.2		7.1	2.0	2.2	0.2	2.1	0.5	Cast iron	Yes, less	Yes	No, reco	Yes	No
8/30/2021	53S11-01	STANLEY AVE S	OVERLOOK DR	Depressed Corner	2008-102	5.8	5.3	1.4	2.1		2.0	0.6	0.3	8.5	0.6	2.7	Cast iron	No, more	No, reco	No, reco	No, reco	No
8/30/2021	53S11-02	STANLEY AVE S	OVERLOOK DR	Depressed Corner	2008-102	5.2	5.5	2.5	2.4		1.5	1.1	0.5	4.2	0.5	5.0	Cast iron	No, more	No, reco	No, reco	No, reco	No
8/30/2021	38z12-02	RICH AVE S	W 110TH ST	One-Way Directional	2015-102	4.8	4.9	1.8	3.6		5.7	0.9	2.9	1.8	2.6	2.9	Cast iron	Yes, less	Yes			No
8/30/2021	37M01-01	NORMANDEALE BLVD	SCARBOROUGH RD		2020-102	5	4.8	1.1	2.0	No, write	7.0	0.4	4.4	0.8	2.9	2.5	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
8/30/2021	36B09-1	NORMANDEALE VILLAGE	W 98TH ST	One-Way Directional	2014-102	4.1	7.5	0.3	1.7		5.9	1.5	3.1	0.3	0.8	2.7	Cast iron	Yes, less	Yes	No, reco	Yes	Yes
8/30/2021	35J35	COLLEGEVIEW RD		One-Way Directional	2017-110						0.2	0.6	0.1	1.0	0.2	0.5	Cast iron	No, more	No, reco	No, reco	Yes	Yes
8/30/2021	35J35-02	COLLEGEVIEW RD		One-Way Directional													None					No
8/30/2021	35K36-02	COLLEGEVIEW RD		One-Way Directional													None					No
8/30/2021	35K36-01	COLLEGEVIEW RD		One-Way Directional													None					No
8/30/2021	35K36	COLLEGEVIEW RD		One-Way Directional		4.4	4.1	2.4	1.2		1.0	2.7	0.3	3.9	1.2	0.2	Exposed aggregate	Yes, less	than 3" G	No, reco	No, reco	No
8/30/2021	35J35-01	COLLEGEVIEW RD		One-Way Directional													None					No
8/30/2021	35O37-01	LITTLE CIR	LITTLE RD	One-Way Directional	2015-102	4.6	4.3	4.0	4.8		7.2	0.7	3.5	2.0	2.8	2.8	Cast iron	Yes, less	Yes	No, reco	No, reco	No
8/30/2021	07K18-02	KNOX AVE S	AMERICAN BLVD W	Combined Directional		7.1	6.4	0.4	0.9		7.6	0.9	1.6	0.6	0.9	2.3	Cast iron	NA, dom	Yes	Yes	Yes	Yes
8/30/2021	07K18-01	KNOX AVE S	AMERICAN BLVD W	Combined Directional		6.9	10	1.4	1.6		6.7	1.3	1.2	0.7	0.1	1.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	07K17-02	KNOX AVE S	AMERICAN BLVD W	Combined Directional	2002-203	6.5	8.4	0.1	1.5		7.2	0.1	0.0	1.9	1.8	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	07K17-01	KNOX AVE S	AMERICAN BLVD W	Combined Directional	2002-203	8.5	9.6	1.4	1.1		7.5	1.3	0.1	4.3	0.4	0.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	07x02	PENN AVE S	W 82ND ST	Diagonal	2012-101	6	4.2	0.1	2.0	Yes	7.2	1.4	0.0	1.4	0.8	1.7	Cast iron	No, more	Yes	Yes	Yes	Yes
8/30/2021	08F01	PENN AVE S	W 83RD ST	Combined Directional	2020-102						7.3	0.3	0.0	0.6	0.9	2.5	Cast iron	Yes, less	Yes	Yes	Yes	No
8/30/2021	10S26	XERXES AVE S	W 85th St	One-Way Directional						Yes	3.4	4.8	4.4	3.5	5.5	2.1	Cast iron	Yes, less	than 3" G	Yes	Yes	No
8/30/2021	15n27-01	XERXES AVE S	W 88th st	One-Way Directional		4	5	0.6	3.2		2.3	2.5	0.3	0.5	0.8	4.6	Cast iron	Yes, less	No, write	Yes	No, reco	No
8/30/2021	13K51-01	FRANCE AVE S	SHEPHERD HILLS DR	One-Way Directional	2020-102	4.2	5.5	0.1	1.0		7.9	1.2	0.4	3.3	0.8	7.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	13K51-02	FRANCE AVE S	SHEPHERD HILLS DR	Perpendicular	2020-102						6.9	0.3	1.0	1.1	1.5	5.4	Cast iron	Yes, less	Yes	Yes	Yes	No
8/30/2021	09A13-1N	EDINBOROUGH WAY	MINNESOTA DR	Combined Directional		4.7	5	0.6	0.9		7.4	1.3	0.5	0.2	1.3	3.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	09A13-1S	EDINBOROUGH WAY	MINNESOTA DR	Combined Directional		5	4.7	0.9	0.6		4.3	2.0	0.2	0.8	0.7	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	9I1	FRANCE AVE S	494 WB RAMP	Parallel	STATE					Yes	0.8	1.2					Cast iron			Yes	Yes	Yes
8/30/2021	9I1E	FRANCE AVE S	494 WB RAMP	Parallel		5.3	6	1.8	0.1	Yes	3.1	2.3	2.4	2.2	4.4	3.3	Cast iron	Yes, less	Yes	Yes	Yes	No
8/30/2021	09M01	FRANCE AVE S	494 EB RAMP	Combined Directional		5.7	8.3	1.5	1.3	Yes	7.8	1.2	0.8	1.2	0.1	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	09N01	FRANCE AVE S	494 EB RAMP	Perpendicular		7.1	6.1	0.9	0.5	Yes	4.6	0.2	1.2	0.0	1.3	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11R54	FRANCE AVE S	494 EB RAMP	Perpendicular		6	6.2	0.8	1.5	Yes	3.1	0.8	0.0	1.4	0.8	0.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11R53	FRANCE AVE S	494 EB RAMP	Fan							1.1	1.6	0.6	1.1	0.1	4.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11Q53	FRANCE AVE S	494 EB RAMP	Perpendicular		4.9	6.2	0.8	0.6		7.2	0.9	1.0	2.6	0.7	2.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11O54	FRANCE AVE S	494 EB RAMP	Perpendicular		5.6	8.3	2.0	1.6	Yes	6.6	1.0	1.3	1.2	1.3	4.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11O53	FRANCE AVE S	494 EB RAMP	Parallel		5	6.4	1.7	0.3	Yes	4.6	1.8	0.0	2.5	1.1	4.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11I54-02	FRANCE AVE S		One-Way Directional		7.3	7.8	1.7	0.4	No, write	8.6	1.1	1.0	0.6	0.1	4.6	Cast iron	Yes, less	Yes	Yes	Yes	No
8/30/2021	11I54-01	FRANCE AVE S		Parallel		5	6.4	0.3	3.4	Yes	2.1	1.0	0.5	0.9	0.6	2.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	11F53	FRANCE AVE S	W 78TH ST	One-Way Directional		5	6.3	0.6	0.6	Yes	5.5	1.3	1.9	5.2	0.7	1.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/30/2021	12A10		W 82ND ST	One-Way Directional	DEV	4.7	8.2	1.2	3.0		0.1	0.9	0.1	0.6	0.9	1.1	Cast iron	No, more	than 3"	Yes	Yes	Yes
8/30/2021	12B10		W 82ND ST	Perpendicular	DEV	5.1	8	1.6	0.9		4.5	1.3	0.9	0.2	1.6	0.8	Cast iron	No, more	Yes	Yes	Yes	No
8/26/2021	12B11		W 82ND ST	Perpendicular	DEV	5.7	8	1.0	0.6		2.7	0.9	0.0	0.7	0.6	0.7	Cast iron	Yes, less	Yes	Yes	No, reco	No
8/26/2021	64R50	NESBITT RD	HYLAND CRK RD	One-Way Directional													None					No
8/26/2021	64R51	NESBITT RD	HYLAND CREEK RD	One-Way Directional	2008-102	6.4	6.1	1.6	1.4	Yes	4.8	0.6	0.1	9.1	1.1	1.4	Cast iron	No, more	than 3"	No, reco	No, reco	Yes
8/26/2021	64Q51-01	HYLAND CREEK RD	HYLAND CREEK RD	One-Way Directional	2008-102	4.9	5.1	3.0	0.5	No, write	5.0	6.0	1.2	8.8	3.5	2.8	Cast iron	No, more	than 3"	No, reco	No, reco	No
8/26/2021	64Q51-02	HYLAND CREEK CIR	HYLAND CREEK RD	One-Way Directional	2008-102	3.9	5	2.0	3.9		2.7	1.7	1.8	6.1	1.5	5.5	Cast iron	No, more	Yes	No, reco	No, reco	No
8/26/2021	64Q52	HYLAND CREEK CIR	HYLAND CREEK RD	One-Way Directional	2008-102	4.8	5	4.4	5.9		9.4	1.2	5.4	11.1	4.5	4.4	Cast iron	Yes, less	Yes	No, reco	No, reco	No
8/25/2021	59Z51-01	PENNSYLVANIA RD	HIGHWOOD DR	Depressed Corner	2012-102	4	4	0.1	1.3	Yes	8.9	1.3	1.7	5.5	1.4	2.8	Cast iron	Yes, less	Yes	Yes	Yes	No
8/25/2021	59Z51-02	PENNSYLVANIA RD	HIGHWOOD DR	Depressed Corner	2012-102	4	4	0.8	1.5		7.4	0.1	6.5	3.5	5.0	7.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/25/2021	59I39	W BUSH LAKE RD	MARTH RD	Perpendicular	MnDOT 165	8.2	8	0.8	1.8	Yes	8.5	1.1	3.5	6.1	2.5	7.0	Cast iron	Yes, less	Yes	No, reco	No, reco	No
8/25/2021	59I39	W BUSH LAKE RD	MARTH RD	One-Way Directional	MnDOT 169-494												Colored concrete	No, more	than 3"	No, reco	No, reco	No
8/25/2021	59H41-01	W BUSH LAKE RD	TELEGRAPH RD	One-Way Directional	MnDOT 165	5	3.9	2.0	3.7		7.7	1.2	0.9	0.8	0.4	0.1	Cast iron	Yes, less	Yes	No, reco	No, reco	No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/25/2021	59H41-02	W BUSH LAKE RD	TELEGRAPH RD	One-Way Directional	MnDOT 169	5.6	4.2	1.1	2.0		5.8	1.0	1.7	0.8	1.6	0.2	Cast iron	No, more	Yes	No, reco	No, reco	Yes
8/25/2021	59H42	W BUSH LAKE RD	TELEGRAPH RD	Tiered Perpendicular	MnDOT 169	3.6	4	0.7	1.3	Yes	9.8	1.3	1.0	5.6	1.8	4.2	Cast iron		Yes	No, reco	No, reco	No
8/25/2021	72M37-02	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Parallel	2014-201	5.1	7	1.1	5.0		2.7	1.8	1.8	4.9	1.9	1.4	Cast iron	Yes, less	Yes	No, reco	Yes	No
8/25/2021	71J45-01	RHODE ISLAND AVE S	W 103rd st	One-Way Directional	2007-102	5	5	0.8	5.2		5.8	0.3	3.8	2.9	1.4	1.4	Cast iron	No, more	Yes	No, reco	No, reco	No
8/2/2021	40N27-01	XERXES AVE S	W 108th St	One-Way Directional	2008-102	4.2	3.7	3.3	2.0		7.6	2.0	0.3	1.5	4.9	0.1	Cast iron	No, more than 3"		No, reco	No, reco	No
8/2/2021	40O27-01	XERXES AVE S	W 108th St	Diagonal	2008-102	4.5	7.3	2.0	3.6	No, write	8.3	1.0	1.6	1.6	4.7	1.1	Cast iron	No, more	Yes	No, reco	No, reco	No
8/2/2021	40Z01-01	FRANCE AVE S	W 110th St	Diagonal						No, write	7.9	0.9	0.4	1.3	3.0	0.5	Cast iron	No, more	No, write	Yes	Yes	No
8/2/2021	51A01-02	FRANCE AVE S	W 110th St	Combined Directional	2008-102	4.1	4	3.3	0.3	No, write	5.1	2.0	0.3	7.6	1.5	4.8	Cast iron	Yes, less	Yes	No, reco	No, reco	No
8/2/2021	51A01-03	FRANCE AVE S	W 110th St	Combined Directional	2008-102	4	4.1	0.3	3.3	No, write	10.0	0.2	2.0	4.1	0.9	5.7	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
8/2/2021	40Z11-01	CHOWEN AVE S	W 110th St	One-Way Directional	2008-102	4.1	3.4	1.2	1.0		5.8	2.0	1.9	1.1	0.2	0.8	Cast iron	No, more than 3"		No, reco	No, reco	Yes
8/2/2021	51A13	BEARD AVE S	W 110th St	Tiered Perpendicular	2008-102	4	4.8	1.6	3.5	Yes	9.2	1.1	1.3	9.6	2.2	6.6	Cast iron	No, more	Yes	No, reco	No, reco	No
8/2/2021	51A26-01	XERXES AVE S	W 110th St	Diagonal	2008-102	3.9	3.8	1.8	3.4	No, write	6.9	0.3	2.0	3.3	1.9	2.6	Cast iron	No, more than 3"		No, reco	No, reco	No
8/2/2021	51A39-01	THOMAS AVE S	W 110th St	One-Way Directional	2007-101	5.3	3.8	1.9	3.0		8.0	2.0	1.8	0.9	3.7	1.7	Cast iron	No, more than 3"		No, reco	No, reco	No
7/22/2021	56H21	NORMANDALE LAKE BLVD	AMERICAN BLVD W	One-Way Directional		6.8	8.3	1.0	2.0		5.0	0.2	1.5	1.9	0.0	8.1	Cast iron	No, more	Yes			<Null>
7/22/2021	56G21	NORMANDALE LAKE BLVD	AMERICAN BLVD W	Perpendicular							0.9	1.9	0.9	1.0	0.8	2.3	Cast iron	Yes, less	Yes, 5' or	less from BOC		<Null>
7/22/2021	56F21	NORMANDALE LAKE BLVD	AMERICAN BLVD W	One-Way Directional		5.7	7.1	1.1	0.9	Yes	5.9	0.7	1.0	4.4	0.1	2.4	Cast iron	Yes, less	Yes	No, reco	No, reco	<Null>
7/22/2021	5.60E+29	NORMANDALE LAKE BLVD	W 83RD ST	Tiered Perpendicular		6	8.9	1.1	3.0	Yes	9.5	1.2	1.0	6.6	0.7	6.0	Cast iron	No, more	Yes	Yes	Yes	<Null>
7/22/2021	56F28-01	NORMANDALE LAKE BLVD	W 83RD ST	Combined Directional							1.3	2.0	2.9	6.9	1.1	4.8	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56F28-02	NORMANDALE LAKE BLVD	W 83RD ST	Combined Directional		5.7	5.1	2.7	3.1		4.8	3.9	2.5	9.4	1.8	6.1	Cast iron	No, more	No, reco	No, reco	No, reco	No
7/22/2021	56F28-01	NORMANDALE LAKE BLVD	W 83RD ST	Combined Directional		9	9	0.4	1.7		2.8	3.5	2.5	3.5	2.8	3.6	Cast iron	No, more	No, reco	No, reco	No, reco	No
7/22/2021	56F28-02	NORMANDALE LAKE BLVD	W 83RD ST	Combined Directional		9	9	0.4	1.7		4.5	2.7	3.0	2.8	3.6	2.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
7/22/2021	5.60E+30	NORMANDALE LAKE BLVD	W 83RD ST	One-Way Directional		6	6	2.2	1.5		8.8	3.0	1.6	6.7	1.3	4.9	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56E33-02	NORMANDALE LAKE BLVD	W 84TH ST	Tiered Perpendicular	2016-102	9.6	8.9	2.5	1.5		6.7	2.2	4.3	4.8	4.7	2.2	Cast iron	Yes, less	Yes	No, reco	No, reco	No
7/22/2021	56E33-01	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102	5	10	2.1	1.0		13.2	0.2	1.8	0.7	3.0	5.9	Cast iron	No, more than 3"		No, reco	No, write	No
7/22/2021	56E32-01	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102	5	10	1.7	1.1		9.4	1.6	0.0	2.6	0.7	3.7	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56E32-02	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102						2.8	0.3	0.7	1.5	0.1	0.7	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56E32-03	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102						2.8	0.6	0.7	1.3	0.2	1.0	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56E32-02	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102	5	9.8	2.0	2.3		9.8	1.9	0.5	6.3	1.8	2.9	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56D32-01	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102	5.1	7.1	3.9	1.3		4.6	1.5	1.6	6.0	1.8	4.9	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56D32-02	NORMANDALE LAKE BLVD	W 84TH ST	One-Way Directional	2016-102	5	8.9	1.4	0.3		14.9	1.8	5.0	2.2	6.0	0.3	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	56D31	NORMANDALE LAKE BLVD	W 84TH ST	Tiered Perpendicular	2016-102	4.8	12.1	0.3	3.0	Yes	9.0	2.0	4.2	5.5	3.9	1.6	Cast iron	No, more	Yes	Yes	Yes	No
7/22/2021	58C52		W 84TH ST	One-Way Directional	2006-201						1.8	0.4	0.6	2.9	2.2	0.6	Cast iron	No, more than 3"		No, reco	No, reco	Yes
7/22/2021	58C51-2		W 84TH ST	One-Way Directional	2006-201	8.5	8.5	2.0	0.8		0.7	2.1	1.7	0.6	1.8	0.4	Cast iron	No, more than 3"		No, reco	No, reco	No
7/22/2021	58C51-1		W 84TH ST	One-Way Directional	2006-201	4	7.9	0.9	0.4		5.0	0.3	0.8	2.8	1.7	0.1	Cast iron	No, more than 3"		No, reco	No, reco	Yes
7/22/2021	58C50		W 84TH ST	One-Way Directional	2006-201	5.1	10.4	1.4	0.6		1.2	2.1	3.0	0.1	3.9	4.1	Cast iron	No, more than 3"		No, reco	No, reco	No
7/22/2021	7.80E+17	KENTUCKY AVE S	AUTO CLUB RD	One-Way Directional	2016-102						0.6	2.9	4.9	0.8	3.0	4.3	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	78H21	AUTO CLUB DR	AUTO CLUB RD	One-Way Directional	2016-102	8	8	0.1	1.1		1.7	3.3	0.8	1.7	1.1	4.9	Cast iron	No, more	Yes	No, reco	No, reco	No
7/22/2021	73S27	HAMPSHIRE AVE S	W 105TH ST	One-Way Directional		5	4.9	2.7	3.5	Yes	8.5	1.7	2.1	9.3	2.9	2.2	Cast iron	No, more	Yes	No, reco	No, reco	No
7/21/2021	59I39	W BUSH LAKE RD	MARTH RD	One-Way Directional	MnDOT 169	5	6	0.9	5.6		12.2	2.0	3.0	7.9	1.7	2.5	Colored concrete	No, more	Yes	No, reco	No, reco	No
7/21/2021	59I41	W BUSH LAKE RD	TELEGRAPH RD	Perpendicular	MnDOT 169-494					Yes	1.9	1.6	3.5	9.6	1.9	1.4	Cast iron	No, more	Yes	No, reco	No, reco	No
7/21/2021	77D10	W 110TH ST CIR	W 110TH ST	One-Way Directional	2018-102						0.2	0.9	2.3	1.6	1.5	1.1	Cast iron	No, more	Yes	No, reco	No, reco	No
7/21/2021	77H33	RAILROAD	W 111TH ST	One-Way Directional	2018-102						3.3	4.2					Cast iron	Yes, less	Yes		Yes	No
7/21/2021	77H32	RAILROAD	W 111TH ST	One-Way Directional	2018-102						2.3	3.6					Cast iron	Yes, less	Yes		Yes	No
7/21/2021	74L46	W OLD SHAKOPEE RD	BRUNSWICK RD	One-Way Directional	2008-102	6.5	5.9	4.3	1.6		12.3	3.9	4.0	7.1	2.4	0.5	Cast iron	Yes, less than 3" G		No, reco	No, reco	No
7/21/2021	74L45	W OLD SHAKOPEE RD	BRUNSWICK RD	One-Way Directional	2008-102						10.5	5.7	0.2	6.4	1.0	2.0	Cast iron	Yes, less than 3" G		No, reco	No, reco	No
7/21/2021	74M26-02	HAMPSHIRE AVE S	W OLD SHAKOPEE RD	One-Way Directional							4.5	2.5	1.4	7.3	0.0	3.5	Cast iron	Yes, less	Yes	No, reco	No, reco	No
7/21/2021	74M26-01	HAMPSHIRE AVE S	W OLD SHAKOPEE RD	One-Way Directional							6.6	0.7	1.0	0.6	0.8	1.5	Cast iron	Yes, less	Yes	No, reco	No, reco	No
7/21/2021	73S26	Hampshire Av S	W 105th St	One-Way Directional													None					No
7/21/2021	73Z27	HAMPSHIRE AVE S	W 106TH ST	One-Way Directional		5	4.7	1.4	1.3	Yes	4.7	1.1	0.1	5.8	0.6	2.3	Cast iron	No, more	No, reco	No, reco	No, reco	No
7/21/2021	74A27	HAMPSHIRE AVE S	W 106TH ST	One-Way Directional		5	4.8	3.0	3.3		6.3	5.6	1.5	6.8	1.7	4.4	Cast iron	Yes, less than 3" G		No, reco	No, reco	No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/21/2021	74A26	HAMPSHIRE AVE S	W 106TH ST	Diagonal		5.9	5.7	0.0	3.4		4.7	2.0	1.6	4.4	0.3	3.1	Cast iron	NA, dom	No, reco	No, reco	No, reco	Yes
7/21/2021	74K12	LOUISIANA AVE S	LOUISIANA CIR	One-Way Directional	2012-102	5	5.1	1.9	1.8		7.0	1.4	0.7	4.5	0.8	2.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	74L06	BUSH LAKE RD	W OLD SHAKOPEE RD	Tiered Perpendicular		5.2	4.5	0.2	0.9		4.9	0.4	0.0	5.0	1.0	1.5	Cast iron	Yes, less	Yes	No, reco	Yes	Yes
7/21/2021	74M06-03	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		2.6	4.4	0.1	0.2		2.4	0.4	1.3	4.5	0.4	3.4	Cast iron	Yes, less	Yes	No, reco	No, reco	Yes
7/21/2021	74M06-02	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		6	4.2	1.0	1.8		7.0	1.1	1.5	4.7	1.3	1.3	Cast iron	Yes, less	Yes	No, reco	No, reco	Yes
7/21/2021	74M06-01	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		4.2	6	1.0	1.8		5.7	1.3	1.1	0.8	1.7	2.7	Cast iron	Yes, less	Yes	No, reco	No, reco	Yes
7/21/2021	74M05-02	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		3.7	4.4	1.3	0.4		0.8	1.0	0.8	1.6	0.8	4.9	Cast iron	Yes, less	Yes	No, reco	No, reco	Yes
7/21/2021	74M05-03	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		4	4.3	0.8	1.4		1.7	1.2	1.3	0.7	0.2	0.2	Cast iron	Yes, less	Yes	No, reco	No, reco	Yes
7/21/2021	74M05-01	BUSH LAKE RD	W OLD SHAKOPEE RD	One-Way Directional		4.5	4.4	1.7	0.9		5.8	2.9	0.2	1.0	0.2	0.2	Cast iron	Yes, less	Yes	No, reco	No, reco	No
7/21/2021	74L05	BUSH LAKE RD	W OLD SHAKOPEE RD	Tiered Perpendicular		5.5	4.4	1.3	0.4	Yes	6.3	0.7	0.0	6.5	1.1	2.3	Cast iron	Yes, less	Yes	Yes	No, reco	No
7/21/2021	68F03	BUSH LAKE RD		One-Way Directional							0.8	1.1			1.9	4.5	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/21/2021	68F04	BUSH LAKE RD		One-Way Directional							2.0	0.2	1.1	1.5	1.4	0.8	Cast iron	NA, dom	Yes	Yes	No, write	Yes
7/21/2021	71Z31	Countryside Dr	W 106th St	One-Way Directional	2021-102	5	5.8	2.2	0.2	Yes	0.4	2.0	2.0	1.5	1.9	5.9	Cast iron	Yes, less	Yes	Yes	Yes	No
7/21/2021	71Z32	Countryside Dr	W 106th St	One-Way Directional	2021-102	5	6.5	0.6	1.0		4.7	0.4	1.1	1.1	0.5	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	72Z32	Wyoming Rd	W 106th St	One-Way Directional	2021-102	5	5.3	0.7	0.7	Yes	7.1	0.2	1.4	3.2	1.5	5.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	72A31	Wyoming Rd	W 106th St	One-Way Directional	2021-102	5	5	1.8	2.0		1.2	0.0	1.8	2.7	1.3	5.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	72A23-01	Wyoming Ave S	W 106th St	One-Way Directional	2021-102	5	5.2	1.3	1.1	Yes	5.9	1.9	0.0	2.7	0.2	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	72A24-01	Wyoming Ave S	W 106th St	One-Way Directional	2021-102						1.9	2.0	1.4	3.1	2.3	4.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	71Z26-01	YUKON RD	W 106TH ST	One-Way Directional	2021-102	5	4.6	1.0	1.5		3.5	1.2	1.5	0.6	1.2	6.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/21/2021	71Z27-01	YUKON RD	W 106TH ST	One-Way Directional	2021-102						0.7	1.9	2.0	3.7	1.6	4.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	72A17-01	Aquila Ave S	W 106th St	One-Way Directional	2021-102	5	5				1.4	0.5	0.6	3.7	1.2	6.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	72A18-01	Aquila Ave S	W 106th St	Combined Directional	2021-102	5.5	5.5	0.9	1.9		8.3	1.1	1.1	3.0	0.8	5.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	72A18-02	Aquila Ave S	W 106th St	Combined Directional	2021-102	5.5	5.5	1.9	0.9	No, write	0.4	0.7	1.9	1.8	1.6	3.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	71Z18-01	Aquila Ave S	W 106th St	Perpendicular	2021-102	5	5	1.0	1.3	Yes	5.0	1.1	2.4	1.8	2.5	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	72A15-01	Aquila Ave S	W 106th St	Tiered Perpendicular	2021-102	5	5.4	1.4	0.9	Yes	4.9	1.5	0.9	3.9	0.4	4.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	71Z15-02	Aquila Ave S	W 106th St	Combined Directional	2021-102	5	5	0.5	1.5	Yes	4.4	2.9	0.5	3.8	0.3	3.1	Cast iron	Yes, less than 3"	Yes	Yes	Yes	No
7/20/2021	71Q29-01	COUNTRYSIDE DR	Wyoming Ave S	Diagonal	2021-102						1.1	1.5	0.9	3.3	1.3	2.0	Cast iron	Yes, less than 3"	Yes	Yes	Yes	Yes
7/20/2021	71R29-01	COUNTRYSIDE DR	Wyoming Ave S	Diagonal	2021-102	5.3	7.3	1.1	0.6	No, write	6.9	2.3	1.8	3.7	1.1	3.4	Cast iron	Yes, less	Yes	Yes	Yes	No
7/20/2021	71Q30-01	COUNTRYSIDE DR	Wyoming Ave S	One-Way Directional	2021-102	5	5	0.5	1.6		5.6	1.0	1.5	3.7	0.9	4.2	Cast iron	Yes, less than 3"	Yes	Yes	Yes	Yes
7/20/2021	71S30-01	COUNTRYSIDE DR	Virginia Cir	One-Way Directional	2021-102	4.7	5	1.8	0.2		2.3	3.3	1.2	4.3	1.2	3.0	Cast iron	No, more than 3"	Yes	Yes	Yes	No
7/20/2021	71S30-02	COUNTRYSIDE DR	Virginia Cir	One-Way Directional	2021-102	5	9.4	1.3	1.8	No, write	7.2	1.3	0.4	3.8	0.4	4.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	71S31-01	COUNTRYSIDE DR	Virginia Rd	One-Way Directional	2021-102						6.1	1.9	1.9	3.5	2.0	4.3	Cast iron	No, more than 3"	Yes	Yes	Yes	No
7/20/2021	71O34-01	Virginia Rd	UTAH RD	One-Way Directional	2021-102						8.6	0.5	0.7	3.4	1.2	1.0	Cast iron	No, more than 3"	Yes	Yes	Yes	No
7/20/2021	71O33-01	Virginia Rd	UTAH RD	One-Way Directional	2021-102						1.1	1.5	0.8	2.9	0.5	3.6	Cast iron	NA, domes not dir	Yes	Yes	Yes	Yes
7/20/2021	71J32-01	Wyoming Ave S	W 103rd St	One-Way Directional	2021-102	5	5.1	1.5	0.6		4.3	0.9	1.2	4.2	0.6	5.2	Cast iron	NA, domes not dir	Yes	Yes	Yes	Yes
7/20/2021	71I32-01	Wyoming Ave S	W 103rd St	Tiered Perpendicular	2021-102	8	5	1.3	2.6	Yes	17.6	0.5	0.8	4.9	1.0	5.5	Cast iron	No, more	Yes	Yes	Yes	No
7/20/2021	71H29-01	XYLON RD	W 103rd St	One-Way Directional	2021-102	5.5	5.2	0.1	1.3		9.4	1.9	1.6	2.4	0.2	4.3	Cast iron	Yes, less than 3"	Yes	Yes	Yes	No
7/20/2021	71G29-01	XYLON RD	W 103rd St	Tiered Perpendicular	2021-102	4.9	5.3	0.8	1.9	No, write	8.3	0.3	1.1	3.6	0.6	4.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/20/2021	71F28-01	YUKON AVE S	W 103rd St	Fan	2021-102	8.9	4.4	0.4	1.1	No, write	8.3	0.4	0.4	24.0	1.5	2.5	Cast iron	NA, dom	No, write	Yes	Yes	Yes
7/20/2021	71C28-01	YUKON AVE S	W 103rd St	Tiered Perpendicular	2021-102	4.9	5.6	0.2	0.7	Yes	14.8	0.3	0.5	7.0	0.7	5.0	Cast iron	Yes, less	Yes	Yes	Yes	No
7/20/2021	71C27-01	YUKON AVE S	W 103rd St	One-Way Directional		4.2	5.3	3.0	4.0		10.5	2.0	1.3	3.3	0.9	4.0	Cast iron	Yes, less than 3"	Yes	Yes	Yes	No
7/20/2021	17A39-02	DUPONT AVE S	W 86th St	One-Way Directional	2007-102	4.9	4.6	3.9	0.9		8.8	2.0	2.7	14.4	1.1	6.0	Cast iron	Yes, less than 3"	Yes	Yes	Yes	<Null>
7/9/2021	59O15	169 NB RAMP	WASHINGTON AVE	One-Way Directional	MnDOT 169-494			1.0	5.0		8.8	1.6	0.2	2.4	0.6	2.0	Cast iron	No, more	Yes	No, reco	No, reco	No
7/9/2021	59O15	169 NB RAMP	WASHINGTON AVE	One-Way Directional	MnDOT 169-494	12.8	10	0.2	1.1		3.1	2.5	1.1	0.9	0.7	0.1	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/9/2021	59K00	WASHINGTON AVE	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	8	7.5	1.4	1.6	Yes	7.8	0.7	0.9	3.3	1.7	2.4	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/9/2021	59L00 -01	WASHINGTON AVE	W 78TH ST	One-Way Directional	MnDOT 169-494						1.4	0.9	2.6	1.8	1.6	0.9	Cast iron	Yes, less	Yes	No, write	No, write	Yes
7/9/2021	59L00-02	WASHINGTON AVE	W 78TH ST	One-Way Directional	MnDOT 169-494						1.0	0.5	0.9	1.4	1.1	1.8	Cast iron	Yes, less	Yes	No, write	No, write	Yes
7/9/2021	59M00	WASHINGTON AVE	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	8.4	7.8	0.4	7.3	Yes	0.8	0.1	0.4	1.2	0.2	1.2	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/9/2021	59P08	169 SB RAMP	WASHINGTON AVE	One-Way Directional	MnDOT 169-494						1.1	1.3	1.0	0.2	1.2	1.1	Cast iron	No, more	Yes	No, reco	No, reco	Yes
7/9/2021	59P07	169 SB RAMP	WASHINGTON AVE	One-Way Directional	MnDOT 169-494						2.5	1.9	2.3	1.1	2.8	0.9	Cast iron	No, more	Yes	No, reco	No, reco	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/9/2021	59P06-02	ENSIGN RD	WASHINGTON AVE	One-Way Directional	MnDOT 169-494						0.2	2.4	1.7	0.6	2.0	1.4	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/9/2021	59P06-01	ENSIGN RD	WASHINGTON AVE	One-Way Directional	MnDOT 169-494	11	10.4	0.4	2.3		5.4	1.1	1.9	1.6	1.0	0.9	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/9/2021	59P05-02	ENSIGN RD	WASHINGTON AVE	One-Way Directional	MnDOT 169-494	11	10.9	1.1	1.0		1.9	0.5	0.8	0.9	1.6	0.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/9/2021	59P05-01	ENSIGN RD	WASHINGTON AVE	One-Way Directional	MnDOT 169-494	6.3	11.7	1.9	1.7	Yes	9.7	0.9	1.4	2.8	0.6	1.4	Cast iron	Yes, less	Yes	No, write	Yes	No
7/9/2021	62N02	169 RAMPS	BLOOMINGTON FERRY RD	One-Way Directional	MnDOT 169-494	4.3	9.1	0.5	1.4		4.9	0.3	0.6	1.4	0.3	0.5	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/9/2021	62N03	169 RAMPS	BLOOMINGTON FERRY RD	Fan	MnDOT 169/BLMGTN FERRY						1.6	0.6	1.5	2.7	1.2	4.8	Cast iron	Yes, less	than 3" G	Yes	No, write	Yes
7/9/2021	62M02	169 RAMPS	BLOOMINGTON FERRY RD	One-Way Directional	MnDOT 169-494	4.1	10.6	1.9	1.8		6.4	1.9	0.8	0.6	2.2	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/9/2021	62M03	169 RAMPS	BLOOMINGTON FERRY RD	Fan	MnDOT 169/BLMGTN FERRY						0.2	0.8	1.1	0.2	0.7	6.5	Cast iron	Yes, less	Yes	No, write	No, write	Yes
7/8/2021	59F01	WASHINGTON AVE	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	5.3	6	3.0	0.3	Yes	4.6	4.3	3.0	2.2	2.6	1.1	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/8/2021	59F00	WASHINGTON AVE	W 78TH ST	One-Way Directional	MnDOT 169-494						0.2	0.4	1.3	3.0	1.3	2.9	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59B06	169 SB RAMP	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	9	9	3.3	1.9	Yes	0.6	0.8	0.1	1.8	0.5	0.9	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59B06-01	169 SB RAMP	W 78TH ST	One-Way Directional	MnDOT 169-494						1.8	0.2	0.1	1.9	0.6	0.5	Cast iron	Yes, less	Yes	No, write	No, write	Yes
7/8/2021	59B06-02	169 SB RAMP	W 78TH ST	One-Way Directional	MnDOT 169-494						0.2	0.3	0.8	4.4	0.1	0.8	Cast iron	Yes, less	Yes	No, write	No, write	Yes
7/8/2021	59B07	169 SB RAMP	W 78TH ST	One-Way Directional	MnDOT 169-494						0.4	0.6	0.4	0.4	0.1	1.1	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59A10	E FRONTAGE RD	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	8.3	9	1.7	3.9		7.0	1.2	0.0	3.5	0.1	2.0	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/8/2021	59A11-01	E FRONTAGE RD	W 78TH ST	One-Way Directional	MnDOT 169-494	6	8.9	1.8	0.5		4.7	1.6	0.2	1.7	0.3	0.2	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59A11-02	E FRONTAGE RD	W 78TH ST	One-Way Directional	MnDOT 169-494	6	8.9	0.5	1.8		1.8	1.0	1.3	2.8	1.3	2.2	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59A12	E FRONTAGE RD	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	3.5	7	1.1	1.3	Yes	2.3	1.2	1.1	3.8	1.5	0.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	59A12	E FRONTAGE RD	W 78TH ST	Tiered Perpendicular	MnDOT 169-494	4.4	7	1.5	0.1	Yes	4.8	1.2	0.8	4.4	0.2	3.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59B12-01	E FRONTAGE RD	W 78TH ST		MnDOT 169-494	2.5	8	1.0	1.0		0.5	0.7	0.5	0.2	0.1	0.5	Cast iron	Yes, less	Yes	No, write	Yes	Yes
7/8/2021	59B12-02	E FRONTAGE RD	W 78TH ST	One-Way Directional	MnDOT 169-494	2.5	8	1.0	1.0		2.3	0.0	0.4	0.1	0.6	1.3	Cast iron	No, more	Yes	No, reco	Yes	Yes
7/8/2021	59B13	E FRONTAGE RD	W 78TH ST	One-Way Directional	MnDOT 169-494	4.5	9.1	0.9	1.2		7.4	0.8	0.2	5.3	0.5	2.6	Cast iron	No, more	Yes	No, reco	No, reco	No
7/8/2021	70Z02	169 RAMPS	PIONEER TRL	One-Way Directional	MnDOT 169-494	5	8.2	1.1	1.4		7.8	1.0	1.2	0.4	1.3	3.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	70Z03	169 RAMPS	PIONEER TRL	One-Way Directional	MnDOT 169-494	5.2	8.2	0.3	1.5	No, write	7.2	0.1	0.8	1.8	0.3	4.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/8/2021	71A02	169 RAMPS	PIONEER TRL	One-Way Directional	MnDOT 169-494	6	10.4	1.2	1.5		6.8	1.3	0.8	0.6	0.1	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	71A03	169 RAMPS	PIONEER TRL	One-Way Directional	MnDOT 169-494	5.4	10.2	2.2	1.4	Yes	6.3	0.8	0.5	1.3	1.7	0.8	Cast iron	Yes, less	No, write	Yes	Yes	No
7/8/2021	72K06	169 RAMPS	W OLD SHAKOPEE RD	Tiered Perpendicular		8.6	8.1	1.2	0.9		7.9	1.8	1.4	0.8	3.3	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	72L06	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional		5	8.5	1.5	1.6		7.2	1.9	0.3	1.4	2.0	0.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	72L05-01	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional							0.3	2.2	1.4	2.2	1.0	3.0	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/8/2021	72L05-02	169 RAMPS	W OLD SHAKOPEE RD	Fan		10.6	9.1	0.9	0.8		7.0	0.2	0.8	1.6	0.9	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	72L05-03	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional		6.6	8.5	1.9	0.4		5.9	1.6	1.0	1.0	1.6	1.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	75L05-04	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional		8.8	6.8	0.1	0.0		7.3	2.1	1.5	0.0	0.8	0.3	Cast iron	Yes, less	Yes	No, reco	Yes	No
7/8/2021	72M05-02	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional							4.9	2.6	1.8	4.7	3.7	3.2	Cast iron	No, more	Yes	No, reco	Yes	No
7/8/2021	72M05-01	169 RAMPS	W OLD SHAKOPEE RD	Tiered Perpendicular		5.9	6.5	1.8	0.9	Yes	8.3	2.0	0.2	2.1	2.3	2.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	71X15-01	Aquila Ave s	Xylon rd	One-Way Directional	2021-102	4.4	5.4	0.9	1.0		7.3	1.4	1.3	2.7	1.6	4.2	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/8/2021	71P26-01	XYLON RD	COUNTRYSIDE DR	One-Way Directional	2021-102	5	4.9	2.1	1.7		3.0	0.5	0.8	2.0			Cast iron	Yes, less	than 3" G	Yes	No, reco	<Null>
7/8/2021	71O26-01	XYLON RD	Xylon rd	Tiered Perpendicular	2021-102	5	5.5	1.3	0.8	Yes	9.0	0.5	1.1	0.3			Cast iron	Yes, less	Yes	Yes	Yes	No
7/8/2021	71P25-01	XYLON RD	W 104TH ST	One-Way Directional	2021-102						3.6	1.2	1.0	1.4	1.3	2.2	Cast iron	Yes, less	than 3" G	Yes	No, reco	No
7/8/2021	71Q25-01	XYLON RD	W 104TH ST	One-Way Directional	2021-102	5.1	5.5	0.1	0.7	Yes	4.9	0.4	0.9	1.9	1.7	1.6	Cast iron	No, more	than 3"	Yes	Yes	No
7/8/2021	71N21-01	ZINRAN AVE S	W 104TH ST	One-Way Directional	2021-102						6.2	1.5	0.9	2.0	0.9	5.6	Cast iron	No, more	No, reco	Yes	Yes	No
7/8/2021	71N20-02	ZINRAN AVE S	W 104TH ST	Combined Directional	2021-102	9.3	5.3	0.3	1.5		7.1	0.8	1.5	1.0	1.3	3.0	Cast iron	No, more	No, reco	Yes	Yes	No
7/8/2021	71N20-01	ZINRAN AVE S	W 104TH ST	Combined Directional	2021-102	5.4	5.2	1.1	4.0	Yes	5.9	1.1	0.2	0.9	0.4	3.2	Cast iron	No, more	Yes	Yes	Yes	No
7/8/2021	71M20-01	ZINRAN AVE S	W 104TH ST	One-Way Directional	2021-102						0.5	0.5	1.3	2.0	1.4	2.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	72M05-03	169 RAMPS	W OLD SHAKOPEE RD	One-Way Directional							3.4	0.1	1.0	1.7	2.5	4.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/8/2021	71Y15-01	Aquila Ave s	Xylon rd	One-Way Directional	2021-102	4.1	5	1.0	0.1		3.1	1.0	1.1	2.0	0.2	7.6	Cast iron	No, more	than 3"	Yes	Yes	No
7/7/2021	71N16-01	Aquila Ave S	W 104th st	Perpendicular	2021-102	4.9	5	2.0	1.9		3.5	1.8	0.7	1.8	0.4	3.7	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71N17	Aquila Ave S	W 104th St	Diagonal	2021-102	4.9	7.6	1.5	0.9	No, write	6.2	1.6	1.0	1.9	1.0	3.4	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71N12-01	Cavell Ave s	W 104th st	One-Way Directional	2021-102						1.8	2.2	2.0	1.5	1.9	1.8	Cast iron	Yes, less	than 3" G	Yes	Yes	No
7/7/2021	71N11-01	Cavell Ave s	W 104th st	One-Way Directional	2021-102	5	5	2.4	1.3		6.3	0.2	1.3	1.9	1.3	1.9	Cast iron	No, more	than 3"	Yes	Yes	No
7/7/2021	71L06	Decatur Ave s	W 104th st	One-Way Directional	2021-102	4.6	7.3	1.0	0.5	Yes	7.4	1.5	1.0	0.3	1.6	3.0	Cast iron	Yes, less	No, write	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/7/2021	71M06-01	Decatur Ave s	W 104th st	One-Way Directional	2021-102						5.0	1.8	0.5	1.6	0.4	4.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/7/2021	71E10-01	Cavell Ave s	W 103rd St	One-Way Directional	2021-102						4.9	1.8	1.2	1.6	1.4	2.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71E09-01	Cavell Ave s	W 103rd St	One-Way Directional	2021-102	4.2	5	1.7	1.5		4.9	1.9	0.8	1.6	1.8	5.3	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71D15-01	W 103rd st cir	W 103rd St	One-Way Directional	2021-102	4.6	5	0.7	0.2		2.1	0.6	0.9	1.9	1.2	3.1	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71C5-01	W 103rd st cir	W 103rd St	One-Way Directional	2021-102	5	5	2.0	0.0		3.1	0.6	1.4	0.4	0.7	4.5	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
7/7/2021	71C18	ZINRAN AVE S	W 103rd St	Fan	2021-102	5.4	12.8	0.5	1.2	No, write	7.3	1.6	1.7	0.4	0.7	1.9	Cast iron	No, more	Yes	Yes	Yes	No
7/7/2021	71C19-01	Zinran Rd	W 103rd st	One-Way Directional	2021-102						1.8	0.7	0.6	2.0	0.4	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/7/2021	71D19-01	Zinran Rd	W 103rd St	One-Way Directional	2021-102						1.2	1.1	1.7	0.1	0.8	1.6	Cast iron	No, more	Yes	Yes	Yes	No
6/23/2021	39Z.3	EWING AVE S		Tiered Perpendicular	2014-101	6	5.5	1.0	3.1	No, write	6.9	0.6	0.9	3.5	1.2	2.7	Cast iron	No, more	No, write	No, write	No, reco	No
6/23/2021	39X21	ZENITH AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.4	4.1	5.3	4.2		9.5	1.2	0.9	4.4	1.0	3.1	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39X20	ZENITH AVE S	W OLD SHAKOPEE RD	One-Way Directional		6.9	4.8	7.3	3.2		11.3	1.6	2.9	0.0	2.6	2.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39W24	YORK AVE S	W OLD SHAKOPEE RD	One-Way Directional		4	4.1	0.9	1.5		14.9	0.4	1.2	0.3	0.8	1.9	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39W23	YORK AVE S	W OLD SHAKOPEE RD	One-Way Directional		4.2	3.7	1.6	2.2		12.2	0.0	3.5	0.4	0.9	1.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39L27	XERXES AVE S	BAILIFF PLACE	One-Way Directional	2010-101	5.3	3.8	2.5	1.4		16.3	3.9	0.9	6.4	2.4	3.6	Cast iron	Yes, less	Yes, 5' or	No, reco	No, reco	No
6/23/2021	39M27	XERXES AVE S	BAILIFF PLACE	One-Way Directional	2010-101	4.8	3.7	1.9	0.5		8.5	7.1	2.4	3.2	2.7	3.7	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/23/2021	39M26	XERXES AVE S	BAILIFF PLACE	One-Way Directional	2014-101	4.8	3.8	1.6	0.7		9.6	2.6	1.5	10.8	1.2	2.7	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39L26	XERXES AVE S	BAILIFF PLACE	One-Way Directional	2014-101	5.2	4	3.5	1.5		10.4	0.4	1.3	0.4	0.4	3.4	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39T30	WASHBURN AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.2	3.6	0.5	4.0		13.4	0.9	3.4	1.5	2.0	2.7	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39T30	WASHBURN AVE S	W OLD SHAKOPEE RD	One-Way Directional		4	3.5	1.1	1.7		9.7	0.3	0.2	2.4	1.9	1.9	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39T32	VINCENT AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.1	3.8	3.6	0.6		2.5	1.1	0.0	1.0	2.0	3.0	Cast iron	Yes, less	than 3" G	No, write	No, write	Yes
6/23/2021	39T33	VINCENT AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.2	3.6	2.8	0.8		7.5	3.1	2.2	2.7	2.0	5.5	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
6/23/2021	39S33	VINCENT AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.1	3.8	3.4	0.6		14.1	0.3	0.8	1.8	0.8	3.1	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39Q36	UPTON AVE S	W OLD SHAKOPEE RD	One-Way Directional		5.6	4	2.4	3.0		12.8	0.6	1.6	1.1	1.8	0.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/23/2021	39P39	THOMAS AVE S	W OLD SHAKOPEE RD	One-Way Directional	2010-101	3.8	3.1	0.5	5.5		17.5	0.0	4.1	9.1	2.0	3.1	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/23/2021	39P40	THOMAS AVE S	W OLD SHAKOPEE RD	One-Way Directional	2010-101	4.8	4	1.6	1.8		7.1	6.0	2.2	5.5	2.0	1.5	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/18/2021	36A46	HARRISON RD	W 98TH ST SERVICE RD	One-Way Directional	2020-101												None					No
6/18/2021	34A08	CHOWEN AVE S		One-Way Directional	2019-101						0.6	0.6	0.6	0.1	1.1	3.1	Cast iron	No, more	Yes	Yes	No, reco	No
6/18/2021	32P52	PENN AVE S	MAPLE AVE	Perpendicular		4.8	4.9	2.7	3.7		13.0	1.4	2.4	4.3	4.1	4.2	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/18/2021	32Q52	PENN AVE S	MAPLE AVE	One-Way Directional		4.8	5.1	0.0	2.1		5.6	0.9	1.7	1.9	0.5	6.2	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/18/2021	34G52	PENN AVE S	IVY LANE	One-Way Directional						No, write	4.4	1.6	0.2	4.2	2.5	6.1	Cast iron	Yes, less	No, reco	No, write	No, write	Yes
6/18/2021	34F52	PENN AVE S	IVY LANE	One-Way Directional		4.6	4.7	0.8	0.5	Yes	5.5	3.0	1.8	3.6	3.7	7.6	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
6/18/2021	41B01	PENN AVE S	W OLD SHAKOPEE RD	One-Way Directional			10.3	1.3	0.1		0.8	0.8	1.4	1.8			Cast iron	No, more	No, reco	No, reco	No, reco	No
6/18/2021	39G49	QUEEN AVE S	W OLD SHAKOPEE RD	One-Way Directional							0.2	2.5			0.8	4.3	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	43L13	PLEASANT AVE S		One-Way Directional							2.8	2.8	0.6	14.4	2.0	1.6	Cast iron	Yes, less	No, write	No, reco	No, reco	No
6/18/2021	43J13	PLEASANT AVE S		One-Way Directional			8.3	1.6	4.5		7.5	0.6	0.2	8.7	0.5	2.9	Cast iron	No, more	No, write	Yes	Yes	No
6/18/2021	18Z50	LYNDALE AVE S	W 94TH ST		2017-102																	<Null>
6/18/2021	18Z49	LYNDALE AVE S	W 94TH ST		2017-102																	<Null>
6/18/2021	31A51-01	LYNDALE AVE S	W 94TH ST	One-Way Directional	2010-101	4.4	4.4	0.6	6.7	No, reco	5.2	1.9	0.4	3.7	1.1	4.1	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	31A51-01	LYNDALE AVE S	W 94TH ST	One-Way Directional	2010-101	4.4	4.4	0.6	6.7		3.4	3.7	0.9	1.4	0.6	2.6	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	07C51	LYNDALE AVE S	494 EB RAMP	Perpendicular	2007-202	7.9	4.8	1.3	4.0		2.7	0.9	1.7	6.3	1.7	3.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	07B51	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	5.1	8	0.9	3.4		5.9	3.3	0.7	6.5	0.5	1.5	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	07A51-01	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	5	8	1.5	0.2		6.2	4.1			0.7	0.5	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	07A51-02	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	9	8								1.4	1.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	07A51-03	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	8.9	8	0.5	0.9		7.3	2.3			0.8	0.9	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/18/2021	07A51-04	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	5	9	0.9	1.8		6.8	4.2			1.6	0.2	Cast iron	Yes, less	Yes	Yes	No, reco	No
6/18/2021	07A51-05	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202						4.6	0.8	0.7	1.7	0.4	1.5	Cast iron	No, more	Yes	No, reco	No, reco	Yes
6/18/2021	07A51-06	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	7.8	12	0.1	2.2	Yes	5.5	1.3	0.2	4.2	0.2	0.2	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	05A01-07	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	8	10.5	0.0	3.1	No, reco	2.7	5.2	1.7	4.7	2.0	1.6	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	05A01-06	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	5	8	2.0	1.0		3.6	1.5	1.6	5.6	0.6	2.0	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/18/2021	05A01-04	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	5.3	8	1.1	0.3		3.8	0.8			1.0	0.8	Cast iron	Yes, less	Yes	Yes	No, reco	No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/18/2021	05A01-03	LYNDALE AVE S	494 WB RAMP	One-Way Directional	2007-202	9	8	0.3	1.5		6.7	0.7			2.0	1.3	Cast iron	Yes, less	Yes	Yes	No, reco	No
6/18/2021	05A01-02	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	9.1	8	1.0	1.1		4.6	1.6			0.3	0.2	Cast iron	Yes, less	Yes	Yes	No, reco	No
6/18/2021	05A01-01	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	5	8	0.6	0.6		6.0	4.2			1.3	1.4	Cast iron	No, more	Yes	Yes	No, reco	No
6/18/2021	05B01	LYNDALE AVE S	494 EB RAMP	One-Way Directional	2007-202	10.3	7.9	0.4	2.1		5.2	1.5	2.5	4.9	2.0	2.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	05C01	LYNDALE AVE S	494 EB RAMP	Parallel	2007-202	8.4	12.3	1.6	2.7	Yes	2.3	0.8	0.3	8.3	1.2	1.3	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	05Q27	NICOLLET AVE S	E 81ST ST	One-Way Directional		4.8	6.3	3.1	0.4		0.4	1.1	0.5	0.2	0.6	1.3	Cast iron	Yes, less	Yes	Yes	No, reco	No
6/18/2021	05R27	NICOLLET AVE S	E 81ST ST	One-Way Directional													None					No
6/18/2021	19N25-01	NICOLLET AVE S	E 88TH ST	One-Way Directional		4.5	6.5	0.2	0.2		1.7	0.2			0.0	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/18/2021	19N26-01	NICOLLET AVE S	E 88TH ST	One-Way Directional		4.5	6.5	0.2	0.2		2.7	0.4			1.0	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/18/2021	19Z52-02	PORTLAND AVE S	E 90TH ST	Combined Directional	2010-102	4.5	5.1	5.3	0.0	Yes	5.5	4.3	1.7	3.8	1.5	6.1	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	19Z52-01	PORTLAND AVE S	E 90TH ST	Combined Directional	2010-102	5.1	4.5	0.0	5.2	Yes	8.8	0.5	2.2	5.8	3.7	3.9	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	20A52-01	PORTLAND AVE S	E 90TH ST	Combined Directional	2010-102	4.7	6.5	3.1	3.9	Yes	6.0	2.6	3.0	3.6	0.6	6.2	Cast iron	No, more	Yes	No, reco	No, reco	No
6/18/2021	20A52-02	PORTLAND AVE S	E 90TH ST	Combined Directional	2010-102	4.4	4.7	3.8	2.7	Yes	4.0	2.0	0.8	2.3	2.1	2.6	Cast iron	No, more	Yes	No, reco	No, reco	No
6/17/2021	22M01	PORTLAND AVE S	E 92ND ST	One-Way Directional		5	4.4	2.2	0.4		0.6	1.8	1.1	3.1	0.8	0.9	Cast iron	Yes, less	Yes, 5' or	No, write	No, write	Yes
6/17/2021	22T01	PORTLAND AVE S	E 93RD ST	One-Way Directional		3.5	3.7	0.8	2.2		2.7	1.7	1.3	5.2	2.2	4.9	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/17/2021	28M01-02	PORTLAND AVE S	E 100TH ST	One-Way Directional	2010-102	4.3	6	2.5	0.7		1.1	2.1	0.3	3.6	0.9	2.3	Cast iron	No, more	Yes	No, reco	No, reco	No
6/17/2021	28M01-03	PORTLAND AVE S	E 100TH ST	Perpendicular	2010-102	6	4	0.2	2.1	Yes	3.6	1.8	0.9	1.8	0.1	4.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/17/2021	30M52-01	PORTLAND AVE S	E 100TH ST	Combined Directional	2010-102	5.1	4	1.4	0.9	Yes	1.0	0.3	2.0	1.8	0.0	4.6	Cast iron	Yes, less	Yes	No, reco	Yes	<Null>
6/17/2021	29Z25	NICOLLET AVE S	W OLD SHAKOPEE RD	Perpendicular		6.3	7	0.8	2.2	No, write	4.7	0.7	0.5	4.3	1.1	0.9	Exposed aggregate	Yes, less than 3" G	No, write	No, write	Yes	Yes
6/17/2021	29V25-01	NICOLLET AVE S		One-Way Directional		8	6.4	0.1	0.9	Yes	4.5	0.2	0.0	1.3	0.0	1.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/17/2021	29V25-02	NICOLLET AVE S		One-Way Directional		5	6.3	0.1	0.8		1.7	0.2			0.5	1.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/17/2021	29V26-01	NICOLLET AVE S		One-Way Directional		5	6.3	0.1	0.8		2.8	0.6			0.3	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/17/2021	29V26-02	NICOLLET AVE S		Combined Directional		6	6	1.0	0.1	Yes	5.0	0.0	0.5	0.8	0.1	0.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/17/2021	29V27	NICOLLET AVE S		Combined Directional		6	6	0.1	1.0	Yes	4.2	0.1	0.3	0.6	3.0	1.1	Cast iron	Yes, less	Yes, 5' or	No, write	Yes	Yes
6/17/2021	29U27	NICOLLET AVE S		One-Way Directional				1.1	2.0		4.0	0.8	0.0	2.0	0.2	1.1	Cast iron	NA, domes not dir	No, reco	Yes	Yes	Yes
6/17/2021	27K29-01	12TH AVE S	E OLD SHAKOPEE RD	One-Way Directional		4.5	4.9	1.0	0.9		5.0	2.6			0.4	1.2	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/17/2021	22Y41	OLD SHAKOPEE CIR E	E OLD SHAKOPEE RD	One-Way Directional		5	4.5	0.4	0.7		4.7	3.4	0.0	2.7	0.9	2.4	Cast iron	Yes, less	No, reco	No, reco	No, reco	No
6/17/2021	22Y41	OLD SHAKOPEE CIR E	E OLD SHAKOPEE RD	One-Way Directional		4.5	4.2	0.0	0.7		5.4	1.2	0.7	3.9	0.2	3.5	Cast iron	NA, domes not dir	No, write	No, write	Yes	Yes
6/17/2021	27D37-01	Riverview Ave S	E OLD SHAKOPEE RD	One-Way Directional		5	4.7	0.4	0.9		4.5	0.5			0.4	0.3	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/17/2021	22A45	17TH AVE S	E 90TH ST	One-Way Directional	2016-101	4	3.8	1.8	0.1		5.1	0.2	0.5	2.6	0.6	2.9	Cast iron	No, more than 3"	Yes	No, reco	No, reco	No
6/17/2021	22A46	17TH AVE S	E 90TH ST	One-Way Directional	2016-101						2.0	0.0	0.0	0.3	0.3	2.7	Cast iron	No, more	Yes	No, reco	No, reco	No
6/17/2021	24H03	E OLD SHAKOPEE RD	MEADOWVIEW	One-Way Directional		4.1	4.9	0.8	1.4		5.2	0.2	1.9	4.1	0.5	0.3	Cast iron	NA, dom	Yes	No, write	No, write	Yes
6/17/2021	01K25-03	24TH AVE S	AMERICAN BLVD E	One-Way Directional													Colored concrete	No, more	Yes			No
6/17/2021	01K25-02	24TH AVE S	AMERICAN BLVD E	One-Way Directional													Colored concrete					No
6/17/2021	01J26	24TH AVE S	AMERICAN BLVD E	Tiered Perpendicular													Colored concrete					No
6/17/2021	01G25	24TH AVE S	E 79TH ST	One-Way Directional													Colored concrete					No
6/17/2021	01F25	24TH AVE S	E 79TH ST	One-Way Directional													Tyned					No
6/17/2021	01W40-05	28TH AVE S	RAILROAD	One-Way Directional	LRT					Yes	1.2	0.7					Cast iron	No, more	Yes	Yes	No, reco	Yes
6/17/2021	01W40-04	28TH AVE S	RAILROAD	One-Way Directional	LRT					Yes	0.2	1.9					Cast iron	No, more	Yes	Yes	No, reco	Yes
6/17/2021	01W40-03	28TH AVE S	RAILROAD		LRT	7.3	12	0.4	0.8	Yes	0.2	0.2					Cast iron	No, more	Yes	Yes	No, reco	Yes
6/17/2021	01W40-02	28TH AVE S	RAILROAD	One-Way Directional	LRT						0.5	0.0					Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/17/2021	01V41-02		RAILROAD	Parallel	LRT	4.9	4	0.8	2.4	Yes	2.9	0.0	0.0	2.3	0.1	0.1	Colored concrete	Yes, less	Yes	No, write	No, write	Yes
6/17/2021	01W40-01	28TH AVE S	RAILROAD	Parallel	LRT	5	4	0.1	1.2		1.0	0.1	0.1	2.1	1.0	2.0	Colored concrete	Yes, less	Yes	No, write	No, write	Yes
6/17/2021	86C01		E OLD SHAKOPEE RD	One-Way Directional		5.9	8.9	2.5	2.0		5.2	0.6	0.2	1.7	1.2	0.3	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/17/2021	86B01		E OLD SHAKOPEE RD	One-Way Directional		7.4	7.6	1.7	1.7		4.2	0.9	0.1	0.9	0.2	1.7	Cast iron	NA, domes not dir	No, write	No, write	Yes	Yes
6/17/2021	85L11C	34TH AVE S	AMERICAN BLVD E	Perpendicular		10	5.1	0.2	0.1		5.1	0.5	0.1	2.3	0.7	0.5	Exposed aggregate	Yes, less than 3" G	No, write	No, write	Yes	Yes
6/17/2021	85L10-01	34TH AVE S	AMERICAN BLVD E	Perpendicular	2013-305	10.9	10.1	0.2	0.1		2.8	0.7	0.6	1.7	0.2	0.6	Exposed aggregate	Yes, less than 3" G	No, write	No, write	Yes	Yes
6/17/2021	85L10-02	34TH AVE S	AMERICAN BLVD E	Perpendicular	2013-305	9.3	10	0.3	0.5		3.5	0.3	1.1	1.0	0.8	0.2	Exposed aggregate	Yes, less than 3" G	No, write	No, write	Yes	Yes
6/17/2021	85L10-03	34TH AVE S	AMERICAN BLVD E	Perpendicular	2013-305	13.3	10	0.1	0.8		4.3	0.6	0.1	2.0	0.7	0.2	Exposed aggregate	Yes, less than 3" G	No, write	No, write	Yes	Yes
6/17/2021	66M25	BRIAR RD	W 98TH ST	Tiered Perpendicular	2016-102	6.3	11.7	1.1	0.3	Yes	1.9	1.1	1.5	5.7	1.0	0.4	Cast iron	Yes, less	Yes	No, write	No, write	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/17/2021	29Z26	NICOLLET AVE S	E OLD SHAKOPEE RD	Fan		5.2	9.5	0.4	1.1	Yes	3.0	0.2	0.0	0.3	0.1	1.3	Cast iron	NA, dom	Yes	Yes	No, reco	Yes
6/15/2021	66N04	BRIAR RD	BRIAR CIR	One-Way Directional	2020-101	5.1	4.1	1.4	5.8		8.4	2.4	1.3	0.3	1.2	1.8	Cast iron	Yes, less	Yes	Yes	Yes	No
6/15/2021	63A16	E BUSH LAKE RD	W 86TH ST	One-Way Directional	2016-102	4.1	3.8	1.0	1.9	Yes	3.1	2.2	1.3	1.9			Cast iron	Yes, less	No, reco	Yes	Yes	No
6/15/2021	61L45		WALTON POND CIR	One-Way Directional	2019-102						0.8	0.4	0.5	0.5	0.7	1.9	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/15/2021	34C52-02	PENN AVE S	JONES PLACE	One-Way Directional	2019-102	4.7	4	0.2	1.6		1.6	0.1	0.2	1.6	1.4	2.6	Cast iron	No, more	Yes	No, reco	No, reco	No
6/15/2021	70P08	Cavell Av S	W 100th St	Diagonal		4.1	7.1	0.1	2.0	No, write	2.3	1.1	0.8	1.0	1.6	1.2	Cast iron	NA, domes	not dir	No, reco	No, reco	Yes
6/15/2021	69D43	W BUSH LAKE RD	W BUSH LAKE PARK	Parallel	2010-401	6.3	4.9	0.2	1.0	Yes	0.6	0.3	0.4	1.4	0.5	0.5	Cast iron	No, more	No, write	No, reco	No, reco	No
6/15/2021	61F25-01	W BUSH LAKE RD	OAKMERE RD	One-Way Directional	2020-110	12.4	11.9	0.4	0.3		1.1	1.2	1.0	0.8	1.1	1.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/15/2021	60V28-01	W BUSH LAKE RD	PARK KNOLL CIR	One-Way Directional	2020-110						1.4	0.5	1.0	0.5	1.0	3.7	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/15/2021	60U28-01	W BUSH LAKE RD	PARK KNOLL CIR	Combined Directional	2020-110						0.9	1.2	1.4	0.5	1.7	0.8	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/15/2021	60M28	W BUSH LAKE RD	W 84TH ST	Combined Directional	2020-110						0.6	0.2	0.7	0.7	0.5	2.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/15/2021	60N28-1	W BUSH LAKE RD	W 84TH ST	Combined Directional	2020-110						0.7	0.1	1.0	0.4	1.3	1.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/15/2021	60B29	W BUSH LAKE RD	HIGHWOOD DR	Combined Directional	2020-110						1.8	0.6	1.0	1.6	1.2	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	71A29-01A	BLOOMINGTON FERRY RD	Yukon Ave S	Depressed Corner	2008-102	4.8	4.9	0.5	0.9	No, write	0.2	0.3	1.5	5.3	1.0	2.9	Cast iron	No, more	No, reco	No, reco	Yes	No
6/11/2021	71A29-01B	BLOOMINGTON FERRY RD	Yukon Ave S	Depressed Corner	2008-102	4.9	4.9	0.7	0.5	No, write	0.9	0.1	1.2	5.5	0.2	1.8	Cast iron	No, more	Yes	No, reco	Yes	No
6/11/2021	71F52	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY						2.5	1.0	0.5	0.7	0.3	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	71F51	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY						0.4	0.6	0.7	0.0	1.0	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	73F01	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY	9.5	6.8	0.2	1.2	Yes	0.8	0.0	0.3	0.5	0.1	0.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	71F50	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY						0.1	0.6	0.1	0.2	0.3	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	71F52-01	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY	5.4	6.5	0.2	0.0		0.8	0.1	0.6	0.3	1.1	0.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	71G52-01	BUSH LAKE RD	W 102nd St	One-Way Directional	COUNTY	5	5.8	0.8	0.0		0.1	0.3	0.0	0.3	0.0	1.7	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/11/2021	71Z45-02	RHODE ISLAND AVE S	W 106TH ST	Combined Directional	2014-201	4.9	11.2	1.4	1.0	No, write	3.3	0.7	1.6	0.5	1.2	1.8	Cast iron	No, more	No, write	Yes	Yes	No
6/11/2021	71V52-01	BUSH LAKE RD	QUEBEC RD	One-Way Directional	2014-201						1.3	0.8	1.1	0.8	2.1	2.9	Cast iron	No, more	Yes	Yes	Yes	No
6/11/2021	71W52-01	BUSH LAKE RD	QUEBEC RD	One-Way Directional	2014-201						2.3	0.1	0.4	1.3	1.1	4.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	77D09	W 110TH ST CIR	W 110TH ST	One-Way Directional	2018-102												None					No
6/11/2021	77U05	MINNESOTA BLUFFS DR	W 114TH ST CIR	One-Way Directional	2020-110						2.4	0.4	0.2	1.8	0.0	0.3	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/11/2021	77T05	MINNESOTA BLUFFS DR	W 114TH ST CIR	One-Way Directional	2020-110						1.3	0.3	1.3	1.8	0.6	1.5	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/11/2021	77M03	MINNESOTA BLUFFS DR	W 113TH ST	Tiered Perpendicular	2020-110	9.9	5.3	0.4	0.9		3.7	0.3	0.0	1.0	0.0	1.9	Cast iron	Yes, less	Yes			Yes
6/11/2021	77M03	MINNESOTA BLUFFS DR	QUAIL RIDGE PLAYLOT	Tiered Perpendicular	2020-110	9.9	5.8	0.2	0.3	Yes	3.5	0.5	0.2	1.7	0.0	1.1	Cast iron	No, more	than 3"	Yes	Yes	No
6/11/2021	79J50	OREGON AVE S	MINNESOTA BLUFFS DR	Tiered Perpendicular	2020-110	10.1	5.6	0.1	0.7	Yes	3.2	0.8	0.7	1.7	0.4	4.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	79H45	RHODE ISLAND AVE S	MINNESOTA BLUFFS DR	Fan	2020-110						1.3	1.8	1.1	1.0	1.8	0.4	Cast iron	No, more	than 3"	Yes	Yes	No
6/11/2021	79G44	RHODE ISLAND AVE S	MINNESOTA BLUFFS DR	Combined Directional	2020-110					Yes	1.0	3.5	0.1	1.0	0.4	0.8	Cast iron	No, more	No, write	Yes	Yes	No
6/11/2021	79F42	SUMTER AVE S	MINNESOTA BLUFFS DR	Combined Directional	2020-110	7	12.2	1.2	0.5	Yes	0.6	1.0	0.9	0.6	1.6	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	79F41	SUMTER AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2020-110						2.6	1.2	1.6	0.4	1.4	0.5	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/11/2021	77R16-2	JERSEY CIR	JERSEY RD	One-Way Directional	2011-103						1.4	1.0	0.8	4.3	1.1	1.4	Cast iron	No, more	than 3"	Yes	No, reco	Yes
6/11/2021	77R16-1	JERSEY CIR	JERSEY RD	One-Way Directional	2011-103						2.3	0.8	0.7	3.4	0.4	1.6	Cast iron	No, more	than 3"	No, reco	No, reco	Yes
6/11/2021	78F16	KENTUCKY AVE S	AUTO CLUB RD	One-Way Directional	2016-102					Yes	5.4	2.7	1.2	1.6	1.8	3.5	Cast iron	No, more	than 3"	No, reco	No, reco	No
6/11/2021	78H20	AUTO CLUB DR	AUTO CLUB RD	One-Way Directional	2016-102	5	8.1	0.6	1.3		5.1	1.7	0.9	3.3	0.7	1.4	Cast iron	No, more	Yes	No, reco	Yes	Yes
6/11/2021	7.60E+12	AUTO CLUB CIR	AUTO CLUB RD	One-Way Directional	2020-110						1.6	0.6	0.0	1.9	0.6	1.6	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/11/2021	7.60E+17	ZION RD	AUTO CLUB RD	Perpendicular	2020-110	8.7		0.6	1.7	Yes	2.4	0.0	1.1	1.4	1.1	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	66I13-01	YOSEMITE RD	W 96TH ST	Tiered Perpendicular	2020-101	4	5.9	0.5	1.3	Yes	5.0	0.0	0.6	0.3	0.9	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	66E13-01	HYLAND COURTS DR	W 96TH ST	One-Way Directional	2020-101	3.9	5	1.2	0.9		2.7	0.8	0.6	1.8	0.1	0.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/11/2021	66N26-1	BRIAR RD	W 98TH ST	Tiered Perpendicular	2016-102	4.9	8	4.2	2.0		3.4	3.4	3.1	4.4	3.8	0.6	Cast iron	Yes, less	Yes			No
6/11/2021	66N26-3	BRIAR RD	W 98TH ST	Parallel	2016-102						1.6	5.1	4.3	0.5	4.4	0.6	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/11/2021	66N26-2	BRIAR RD	W 98TH ST	Parallel	2016-102						2.5	2.4	4.1	1.7	3.8	0.7	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/11/2021	66M26	BRIAR RD	W 98TH ST	One-Way Directional	2016-102	4.8	4.3	0.1	0.4		0.2	0.2	0.4	1.7	0.6	4.0	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/11/2021	37P28-01	HERITAGE HILLS DR	LITTLE RD	One-Way Directional	2017-102	4.2	4	2.8	1.4		1.4	0.6	0.2	1.9	0.5	2.0	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/11/2021	38J37-01	KELL AVE S	W OLD SHAKOPEE RD	Diagonal	2016-203	5.4	6.3	0.0	0.5	No, write	3.2	0.8	1.5	0.3	1.9	0.7	Cast iron	Yes, less	than 3" G	No, write	Yes	Yes
6/11/2021	7.60E+13	AUTO CLUB CIR	AUTO CLUB RD	One-Way Directional	2020-110						2.3	0.3	1.2	0.2	2.0	0.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/11/2021	76D16	ZION RD	AUTO CLUB RD	Perpendicular	2020-110					Yes	0.8	0.1	0.8	1.3	0.6	0.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/10/2021	57O42	E BUSH LAKE RD	494 EB RAMP	One-Way Directional	2015-201	12.2	9.7	0.1	0.2	Yes	0.8	0.3	0.0	1.2	0.3	1.0	Cast iron	No, more than 3"	Yes	No, reco	Yes	
6/10/2021	68K46	ALABAMA RD	DAKOTA RD	One-Way Directional	2009-102	4.1	5.1	0.3	0.5		4.0	0.4	0.2	4.5	0.2	4.0	Cast iron	No, more than 3"	No, reco	No, reco	Yes	
6/10/2021	68K45	ALABAMA RD	DAKOTA RD	One-Way Directional	2009-102	4	3.9	1.4	1.0		4.0	0.5	0.3	3.2	0.4	3.8	Cast iron	No, more than 3"	No, reco	No, reco	Yes	
6/10/2021	68L51	NESBITT AVE S	DAKOTA RD	Combined Directional	2016-102	3.9	4.9	0.7	2.2	No, write	1.1	2.2	0.7	4.1	1.3	2.7	Cast iron	No, more than 3"	No, reco	No, reco	No	
6/10/2021	57N42	E BUSH LAKE RD	494 EB RAMP	Combined Directional	2015-201	8	11	0.0	0.7	Yes	3.2	0.8	1.4	1.6	0.4	1.0	Cast iron	Yes, less	No, write	Yes	Yes	Yes
6/10/2021	11K12	COMPUTER AVE S	W 78TH ST	Parallel	2018-102						0.7	0.5	0.7	2.9	3.0	1.9	Cast iron	No, more	Yes	No, reco	Yes	No
6/10/2021	36C41	Pebblebrook Dr	W 98TH ST SERVICE RD	One-Way Directional	2020-101	5.1	7.6	1.0	1.1	No, write	3.8	0.8	0.8	0.8	1.6	0.6	Cast iron	No, more	No, write	Yes	Yes	No
6/10/2021	36C42	Pebblebrook Dr	W 98TH ST SERVICE RD	One-Way Directional	2020-101		5.3	0.9	3.9		0.3	0.3	0.9	1.8	1.1	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/10/2021	36E31-01	LITTLE RD	W 99th St	Diagonal	2020-101	3.6	7.6	1.0	0.1		0.0	1.0	1.4	0.5	1.0	0.1	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/10/2021	36E31-02	LITTLE RD	W 99th St	Diagonal	2020-101	3.9	7.3	1.3	0.3	No, write	3.4	0.6	0.6	0.0	2.5	4.0	Cast iron	No, more than 3"	Yes	Yes	Yes	No
6/10/2021	37A53-04	FRANCE AVE S	W 102ND ST	Perpendicular	2019-201	14.3	12.8	0.6	0.6		1.6	0.7	1.1	1.1	1.2	1.4	Cast iron	No, more than 3"	No, reco	No, reco	No	
6/10/2021	40A14	BEARD AVE S	W OLD SHAKOPEE RD	One-Way Directional	2017-101	5.4	5.5	0.2	0.9		1.5	1.2	0.3	0.2	0.4	1.2	Cast iron	No, more	Yes	No, reco	Yes	No
6/10/2021	40A13	BEARD AVE S	W OLD SHAKOPEE RD	One-Way Directional	2017-101	5.4	5.3	0.4	0.2	Yes	2.5	0.3	0.3	0.9	0.5	2.3	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/10/2021	40B14-01	BEARD AVE S	W OLD SHAKOPEE RD	Combined Directional	2017-101	4.3	7.2	0.6	1.5		1.9	0.4	1.0	1.5	0.3	0.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/10/2021	39Y20	ZENITH AVE S	W OLD SHAKOPEE RD	One-Way Directional	2017-101						0.7	0.3	0.0	0.2	0.2	1.5	Cast iron	No, more than 3"	Yes	Yes	Yes	No
6/10/2021	39Y19	ZENITH AVE S	W OLD SHAKOPEE RD	One-Way Directional	2017-101						0.8	1.2	1.0	0.3	1.2	0.5	Cast iron	Yes, less	than 3" G	No, write	No, write	Yes
6/10/2021	3.40E+28	XERXES AVE S	XERXES CUR	One-Way Directional	2018-102												None					No
6/10/2021	34D27	XERXES AVE S	XERXES CUR	One-Way Directional	2018-102												None					No
6/10/2021	33G35	WASHBURN AVE S	W 96TH ST	One-Way Directional	2011-102						0.4	0.2	0.2	0.7	0.3	4.1	Cast iron	Yes, less	than 3" G	No, write	No, write	Yes
6/10/2021	68M51-2	NESBITT AVE S	DAKOTA RD	Combined Directional	2016-102	4.1	5.3	1.3	0.8	No, write	0.7	0.0	0.4	2.8	1.3	2.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/9/2021	40Z18-01	ABBOTT AVE S	W 106th St	One-Way Directional	2017-101						1.4	1.5	2.0	0.5	0.8	5.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	40Z17-01	ABBOTT AVE S	W 110th St	One-Way Directional	2017-101	3.9	4	0.8	1.2		4.0	1.7	0.6	1.0	0.6	0.7	Cast iron	No, more	Yes	Yes	Yes	Yes
6/9/2021	40T17-01	ABBOTT AVE S	W 109TH ST	One-Way Directional	2017-101						3.5	1.5	0.5	4.8	1.0	1.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/9/2021	40O18-01	ABBOTT AVE S	W 108th St	One-Way Directional	2018-101	4.4	4.4	1.0	2.4		6.0	4.2	1.0	3.0	0.3	5.0	Cast iron	No, more	No, reco	No, reco	Yes	No
6/9/2021	40O17-01	ABBOTT AVE S	W 108th St	One-Way Directional	2018-101						4.6	2.1	0.2	4.2	0.7	3.6	Cast iron	No, more	No, reco	No, reco	No, reco	No
6/9/2021	42N04-01	OVERLOOK DR	W 108th St	Depressed Corner	2017-101	3.8	4.9	0.6	0.2	Yes	1.8	1.4	1.2	2.2	1.1	4.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	41M37	DEVONSHIRE	W 104TH ST	One-Way Directional	2017-102												Tyred	Yes, less	than 3" Gap			No
6/9/2021	41M34		W 104TH ST	Tiered Perpendicular	2017-102	6	6.1	0.4	1.5	Yes	4.8	1.2	1.5	3.7	1.8	2.2	Cast iron	No, more	Yes	No, reco	No, reco	No
6/9/2021	41N34		W 104TH ST	Tiered Perpendicular	2017-102	3.9	5.9	1.1	1.1	Yes	3.6	1.5	1.8	1.4	1.4	2.4	Cast iron	No, more	Yes	No, reco	No, reco	Yes
6/9/2021	41A26	HUMBOLDT AVE S	W 102ND ST	One-Way Directional	2017-102						2.0	0.2	2.8	6.9	1.5	4.9	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/9/2021	32Z26	HUMBOLDT AVE S	W 102ND ST	One-Way Directional	2017-102						2.0	0.2	0.1	4.1	0.6	2.4	Cast iron	No, more	Yes	No, reco	No, reco	No
6/9/2021	41A25	HUMBOLDT AVE S	PARK VIEW CIR	One-Way Directional	2008-102						4.6	1.2	0.7	0.8	0.3	0.6	Cast iron	No, more than 3"	No, reco	No, reco	Yes	
6/9/2021	41B25	HUMBOLDT AVE S	PARK VIEW CIR	One-Way Directional	2008-102						1.0	2.0	1.9	2.1	1.5	4.5	Cast iron	No, more than 3"	No, reco	No, write	Yes	
6/9/2021	41A29	GIRARD AVE S	W 102ND ST	Tiered Perpendicular	2017-102	5.8	5.3	1.3	1.1	Yes	2.8	0.3	0.0	2.9	0.6	2.3	Cast iron	Yes, less	than 3" G	No, write	No, write	Yes
6/9/2021	32C30	GIRARD AVE S	W 98 1/2 ST	Perpendicular	2017-102												None					No
6/9/2021	32F46	E Bloomington Fwy	W 99th St	One-Way Directional	ORANGE LI	4.1	8.9	1.5	1.0		2.8	0.6	1.0	1.9	0.1	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	18K20-03	JAMES AVE S	W 92ND ST	One-Way Directional	2018-101	5.3	5	0.3	1.1		3.6	1.0	0.3	0.6	0.6	1.2	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/9/2021	18L20	JAMES AVE S	W 92ND ST	One-Way Directional	2019-102					No, write	1.9	0.6	0.5	0.8	0.5	2.7	Cast iron	No, more	No, reco	Yes	Yes	No
6/9/2021	31N19	JAMES AVE S	W 96th St	Combined Directional	2019-102	5.2	5.6	0.1	1.0	Yes	4.4	0.3	1.1	0.7	0.9	2.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	31N20W	JAMES AVE S	W 96th St	One-Way Directional	2019-102	5.3	5	1.4	0.5	Yes	4.3	0.6	0.4	0.8	1.0	2.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	31N20	JAMES AVE S	W 96th St	Combined Directional	2019-102						2.0	1.1	0.5	0.0	0.2	1.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	31M20W	JAMES AVE S	W 96th St	Combined Directional	2019-102	4.4	5.1	1.9	2.1		6.1	0.3	0.0	0.3	0.5	0.7	Cast iron	No, more	Yes	Yes	Yes	No
6/9/2021	31M20E	JAMES AVE S	W 96th St	Combined Directional	2019-102						3.0	0.7	0.9	1.7	1.0	0.3	Cast iron	No, more	Yes	Yes	Yes	No
6/9/2021	31M21	JAMES AVE S	W 96th St	Combined Directional	2019-102	7.1	7.1	1.4	0.4	Yes	3.4	0.2	0.3	1.4	0.9	1.1	Cast iron	No, more	Yes	Yes	Yes	No
6/9/2021	33P52	PENN AVE S	W 97TH ST	One-Way Directional	2013-102	4.9	4.4	1.5	0.7		2.6	0.5	0.7	3.0	1.8	6.0	Cast iron	No, more	Yes	No, reco	No, reco	No
6/9/2021	33Q52	PENN AVE S	W 97TH ST	One-Way Directional	2013-102	4.4	4.8	0.7	2.8		6.6	1.8	2.3	3.5	1.0	5.6	Cast iron	No, more	Yes	Yes	Yes	No
6/9/2021	16A46-01	RUSSELL AVE S	W 90TH ST	One-Way Directional	2010-102						6.1	2.6	1.0	2.0	0.4	1.9	Cast iron	No, more	Yes	No, reco	No, write	No
6/9/2021	16A46-02	RUSSELL AVE S	W 90TH ST	One-Way Directional	2010-102						1.9	2.9	1.7	1.9	1.6	5.0	Cast iron	No, more	Yes	No, reco	No, reco	No
6/9/2021	15A49	QUEEN AVE S	W 88TH ST	Perpendicular	2016-101	4.1	3.9	1.2	0.0	No, reco	2.2	1.2	1.5	0.5	2.9	5.6	Cast iron	No, more	No, reco	No, reco	Yes	No
6/9/2021	15A48	QUEEN AVE S	W 88TH ST	Diagonal	2016-101	3.5	5	0.4	0.6	No, write	0.9	0.6	0.7	0.7	1.0	0.5	Cast iron	Yes, less	than 3" G	No, write	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/9/2021	15A26-01	XERXES AVE S	W 86TH ST	Diagonal	2018-101	4.8	5	3.8	1.7	No, write	3.3	1.3	0.3	1.7	1.9	4.6	Cast iron	Yes, less than 3" G	No, write	Yes	Yes	Yes
6/9/2021	15A26-02	XERXES AVE S	W 86TH ST	Diagonal	2018-101	4.2	8.6	1.0	0.2	No, write	2.8	1.5	1.0	1.4	0.8	2.4	Cast iron	No, more than 3"	Yes	Yes	Yes	No
6/9/2021	9M31-2	VINCENT AVE S	W 80TH ST	Perpendicular	2017-101	4.1	4.6	0.3	1.0		3.7	0.3	1.6	0.8	1.6	4.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	9M31-1	VINCENT AVE S	W 80TH ST	Perpendicular	2017-101	4.8	5.6	0.3	0.3		4.4	1.4	3.2	2.3	3.5	3.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/9/2021	9F26-1	XERXES AVE S	SOUTHTOWN DR	Parallel	SP 2785-364					Yes	0.5	1.1	0.7	1.3	1.0	3.8	Cast iron	No, more	No, reco	No, reco	Yes	No
6/9/2021	15A51-02	PENN AVE S	W 86TH ST	Parallel	2018-101												None					No
6/9/2021	15A51-03	PENN AVE S	W 86TH ST	Parallel	2018-101												None					No
6/9/2021	8Z30	GIRARD AVE S	W 86TH ST	Combined Directional	SP 2782-345					Yes	0.3	0.0	0.0	1.5	0.2	2.3	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/9/2021	8Z29	GIRARD AVE S	W 86TH ST	Combined Directional	SP 2782-34	5.3	6.8	0.5	0.3	No, write	1.4	0.3	0.2	1.9	0.7	0.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/8/2021	31A1E	PENN AVE S	W 94th St	Combined Directional	2019-102			0.1	0.3		3.3	0.1	1.5	0.2	1.5	0.0	Cast iron		Yes	Yes	Yes	Yes
6/8/2021	31A1N	PENN AVE S	W 94th St	Combined Directional	2019-102	9	5.6	0.3	0.5		1.4	0.1	0.8	0.8	1.1	0.2	Cast iron		Yes	Yes	Yes	Yes
6/8/2021	31A1W	PENN AVE S	W 94th St	One-Way Directional	2019-102	3	7.3	0.6	0.3		0.1	0.2	0.5	0.6	0.2	3.3	Cast iron		Yes	Yes	Yes	Yes
6/8/2021	18Y01-03	PENN AVE S	W 94th St	One-Way Directional	2019-102	4.7	6.5	0.7	1.0		0.6	0.6	1.4	1.2	2.3	4.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	18Y01-04	PENN AVE S	W 94th St	Diagonal	2019-102	4.9	5.3	0.1	1.0	Yes	3.6	0.0	0.6	1.0	0.2	1.3	Cast iron	No, more	Yes	Yes	Yes	No
6/8/2021	18Y49	LYNDALE AVE S	W 94TH ST	One-Way Directional	2017-102	3.3	5	0.6	0.7		3.0	3.0			0.6	0.1	Cast iron	No, more	Yes	No, reco	No, reco	No
6/8/2021	18Y50	LYNDALE AVE S	W 94TH ST	One-Way Directional	2017-102						1.6	2.7			1.3	0.8	Cast iron	No, more	Yes	No, reco	No, reco	No
6/8/2021	32A47W	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	9.6	11.3	1.6	1.1		5.1	0.5	1.1	0.2	0.9	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	32A46-02	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	8.2	23	0.0	0.3		3.6	0.5	0.7	1.0	1.1	4.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	32A46-01	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	12	8.3	0.4	0.1	No, write	3.6	0.7	0.8	0.9	0.5	3.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	31Z46-02	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	7.7	10	0.1	0.4		0.1	0.3	0.5	0.0	0.2	0.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	31Z46-01	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	7.8	10	0.4	0.6		0.7	0.9	0.3	0.5	0.8	0.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/8/2021	31Z47W	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-22	4	5	0.5	0.0		2.9	0.3	0.7	0.8	0.7	2.0	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/8/2021	31Z47	I-35W NB RAMP	W 98TH ST	Combined Directional	SP 2782-228						4.4	1.2	0.8	1.3	0.4	1.2	Cast iron	Yes, less	than 3" Gap			Yes
6/8/2021	31Y46	I-35W NB RAMP	W 98TH ST	One-Way Directional	SP 2782-228						3.8	0.5	1.1	0.4	0.2	1.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/8/2021	15m27	LYNDALE AVE S		Perpendicular	2019-102					Yes	4.6	0.1	0.1	7.0	0.1	1.6	Cast iron	No, more	No, write	No, write	Yes	No
6/8/2021	48D01	LYNDALE AVE S		One-Way Directional	DNR						0.8	0.1	1.2	1.4	0.4	2.7	Cast iron	Yes, less	No, write	No, write	Yes	No
6/8/2021	43A26-02	NICOLLET AVE S	W 102ND ST	One-Way Directional	2015-102	3.9	4.1	0.5	1.3	No, write	2.2	0.5	0.9	0.5	0.5	2.0	Cast iron	Yes, less	Yes	Yes	No, write	Yes
6/8/2021	29Z46-01	4TH AVE S	E 98TH ST	One-Way Directional	2004-101						6.7	0.3	0.9	5.5	0.5	2.3	Cast iron	No, more	No, reco	Yes	Yes	<Null>
6/8/2021	16Y52-01	PENN AVE S	W 94th St	Perpendicular	2019-102	4.8	4.5	1.4	1.4		7.2	0.4	0.3	8.2	0.0	3.2	Cast iron	Yes, less	Yes			Yes
6/8/2021	18Y01-01	PENN AVE S	W 94th St	Perpendicular	2019-102	5	5.6	0.3	0.6		1.4	0.6	0.5	0.5	0.8	1.0	Cast iron		Yes	Yes	Yes	Yes
6/8/2021	18Y01-02	PENN AVE S	W 94th St	Perpendicular	2019-102	6.9	5.8	1.2	0.7		2.8	0.7	1.0	1.6	1.0	0.4	Cast iron		Yes	Yes	Yes	Yes
6/8/2021	31A1S	PENN AVE S	W 94th St	Combined Directional	2019-102	3	6	0.7	0.8		7.6	0.8	0.2	5.8	1.5	2.0	Cast iron	Yes, less	Yes			Yes
6/7/2021	5y12	PLEASANT AVE S	W 82ND ST	One-Way Directional	2009-102						3.3	0.3	1.0	1.0	1.0	1.9	Cast iron	No, more	Yes	No, reco	Yes	No
6/7/2021	19M27	NICOLLET AVE S	E 88TH ST	One-Way Directional	COUNTY						4.1	1.2	0.3	1.2	1.5	1.4	Cast iron	No, more than 3"	No, reco	No, reco	No, reco	Yes
6/7/2021	19N26	NICOLLET AVE S	E 88TH ST	Combined Directional	COUNTY						0.5	0.8	0.8	0.8	1.9	1.7	Cast iron	Yes, less than 3" G	Yes	Yes	Yes	Yes
6/7/2021	29N25	NICOLLET AVE S	E 88TH ST	One-Way Directional	COUNTY					Yes	0.8	0.6	0.7	1.1	1.0	1.1	Cast iron	Yes, less	Yes	Yes	Yes	No
6/7/2021	19M25	NICOLLET AVE S	W 88th st	One-Way Directional	COUNTY												None			No, reco	No, reco	No
6/7/2021	19L25	NICOLLET AVE S	W 88th St	One-Way Directional	COUNTY												None			No, reco	No, reco	No
6/7/2021	19F19		W 87TH ST	One-Way Directional													None			No, reco	No, reco	No
6/7/2021	19G25	NICOLLET AVE S	W 87th St	One-Way Directional													None					No
6/7/2021	19F25	NICOLLET AVE S	W 87TH ST	One-Way Directional	COUNTY												None					No
6/7/2021	06Z41	CLINTON AVE S	E 86TH ST	Perpendicular	2017-102												None					No
6/7/2021	4Z23	11TH AVE S	E 86TH ST	Parallel	2019-101					Yes	0.6	0.2	0.4	1.8	0.0	1.7	Cast iron	No, more	No, reco	Yes	Yes	No
6/7/2021	4Z22	11TH AVE S	E 86TH ST	Parallel	2019-101						0.9	1.5	0.6	1.9	1.1	2.0	Cast iron	No, more	No, reco	Yes	Yes	No
6/7/2021	21W29		PARK RD	One-Way Directional							4.4	0.4	1.9	1.6	0.5	0.7	Cast iron	No, more	No, write	Yes	Yes	No
6/7/2021	27T21-01	10TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2016-501						0.5	1.2	0.2	1.7	0.3	0.8	Cast iron	No, more	Yes	No, reco	Yes	No
6/7/2021	28Z27		E 98TH ST	Tiered Perpendicular		4	6	0.7	0.8	Yes	3.7	0.1	0.4	0.3	0.4	4.3	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/7/2021	27Z27		E 98TH ST	Tiered Perpendicular		5	5.9	0.3	1.2	Yes	4.2	0.1	0.3	0.7	0.3	1.4	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/7/2021	23A21	E OLD SHAKOPEE RD	E 86TH ST	Combined Directional	2018-302	10.8	18.7	0.5	0.1		2.8	0.2	0.6	0.3	0.5	1.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	02Z22-02	E OLD SHAKOPEE RD	E 86TH ST	Combined Directional	2018-302	9.7	9	0.8	0.4	No, write	3.3	1.9	1.6	1.9	1.1	1.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/7/2021	02Z21-01	E OLD SHAKOPEE RD	E 86TH ST	One-Way Directional	2018-302	8	8.5	0.4	0.4	No, write	2.1	0.7	0.2	0.7	0.8	2.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	02Z22	E OLD SHAKOPEE RD	E 86TH ST	Combined Directional	2018-302	6.1	15.1	0.1	0.5	Yes	3.5	0.4	0.4	0.7	0.5	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	23A22-02	E OLD SHAKOPEE RD	E 86TH ST	One-Way Directional	2018-302	6.1	7.2	1.5	0.2	No, write	2.1	0.7	0.8	1.2	1.1	0.9	Cast iron	Yes, less than 3"	Yes	Yes	Yes	Yes
6/7/2021	23A22-02	E OLD SHAKOPEE RD	E 86TH ST	One-Way Directional	2018-302	7.2	8.6	0.3	0.1	No, write	3.4	0.2	0.5	0.7	0.4	1.8	Cast iron	Yes, less than 3"	Yes	Yes	Yes	Yes
6/7/2021	01L28-01	24TH AVE S	AMERICAN BLVD E	One-Way Directional	2001-301	5.2	10.3	2.3	1.1	Yes	1.0	2.3	2.2	6.0	2.0	1.7	Tyned	No, more than 3"	No, reco	No, reco	No	No
6/7/2021	01M28-04	24TH AVE S	AMERICAN BLVD E	One-Way Directional	2001-301	4.2	6.2	5.3	1.5		1.8	2.1	0.0	5.9	0.3	1.1	Exposed aggregate	Yes, less than 3"	No, write	No, write	No, write	No
6/7/2021	01M28-03	24TH AVE S	AMERICAN BLVD E	One-Way Directional	2001-301	8	6.3	1.0	2.2		0.3	1.6	1.9	6.2	0.5	3.5	Exposed aggregate	Yes, less than 3"	No, write	No, write	No, write	Yes
6/7/2021	01M28-02	24TH AVE S	AMERICAN BLVD E	One-Way Directional	2001-301	7.3	8.3	1.3	1.0		4.0	0.4	0.8	2.7	1.5	0.0	Exposed aggregate	Yes, less than 3"	No, write	No, write	No, write	Yes
6/7/2021	01M28-01	24TH AVE S	AMERICAN BLVD E	Tiered Perpendicular	2001-301	7.7	6.9	1.1	0.1	Yes	4.7	0.9	1.6	3.7	0.8	1.6	Exposed aggregate	Yes, less than 3"	No, write	No, write	No, write	Yes
6/7/2021	01S28	24TH AVE S	LINDAU LN	Tiered Perpendicular	2013-301	10	12	0.4	1.0	Yes	3.6	0.6	1.2	2.2	1.0	1.2	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/7/2021	01S27-02	24TH AVE S	LINDAU LN	One-Way Directional	2013-301	7.7	10	0.8	0.0		0.0	0.4	0.5	3.6	0.7	1.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01S27-03	24TH AVE S	LINDAU LN	One-Way Directional	2013-301	7.2	10.2	0.4	0.1		0.2	0.1	0.4	0.1	0.2	1.9	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01S27-01	24TH AVE S	LINDAU LN	One-Way Directional	2013-301	11.4	12.3	0.1	1.1		0.3	0.1	0.2	0.2	0.8	2.3	Cast iron	No, more	Yes	Yes	Yes	Yes
6/7/2021	01Q27-02	24TH AVE S	LINDAU LN	One-Way Directional	2013-301	3.5	10.8	0.6	1.2		3.5	0.1	0.1	1.0	0.2	0.7	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/7/2021	01Q27-01	24TH AVE S	LINDAU LN	One-Way Directional	2013-301	5	9.8	1.4	0.9		2.5	0.7	0.6	0.1	0.8	0.0	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01Q28	24TH AVE S	LINDAU LN	Tiered Perpendicular	2013-301	8.1	9	1.6	0.2	Yes	3.0	0.5	0.5	1.1	0.0	1.1	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/7/2021	01S32-03	26TH AVE S	LINDAU LN	Perpendicular	2013-301						1.2	0.3	0.5	0.7	0.0	2.9	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01S32-04	26TH AVE S	LINDAU LN	One-Way Directional	2013-301						2.3	0.8	1.3	2.2	1.5	2.4	Cast iron	No, more	Yes	No, reco	Yes	No
6/7/2021	01S31	26TH AVE S	LINDAU LN	One-Way Directional	2013-301	8	12	0.4	0.9	Yes	1.9	1.6	1.4	0.6	1.5	1.1	Cast iron	No, more than 3"	No, reco	No, reco	No, reco	Yes
6/7/2021	01R31	26TH AVE S	LINDAU LN	One-Way Directional	2013-301					Yes	0.6	0.5	0.4	2.1	0.1	0.7	Cast iron	Yes, less	No, reconstruct to	Yes	Yes	Yes
6/7/2021	01S32-01	26TH AVE S	LINDAU LN	One-Way Directional	2013-301						0.9	0.4	0.1	0.0	0.7	1.0	Cast iron	No, more	Yes	No, reco	Yes	No
6/7/2021	01S32-02	26TH AVE S	LINDAU LN	Perpendicular	2013-301					Yes	0.1	0.1	0.7	0.0	0.4	1.6	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01S36-01		LINDAU LN	Perpendicular	2013-301					Yes	3.2	0.1	0.2	0.9	0.2	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	01S35-01		LINDAU LN	Perpendicular	2013-301					Yes	0.3	0.6	0.5	0.3	0.1	1.2	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01R35-01		LINDAU LN	Perpendicular	2013-301					Yes	0.6	1.4	1.5	0.5	1.1	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	01R35-02		LINDAU LN	One-Way Directional	2013-301						0.5	0.4	1.0	0.7	1.4	0.8	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/7/2021	01R36-01		LINDAU LN	One-Way Directional	2013-301						3.0	0.2	0.2	0.4	0.0	0.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/7/2021	85O10	34TH AVE S	E 80 1/2 ST	One-Way Directional	2013-305					Yes	0.7	0.2	0.7	1.9	0.2	1.3	Cast iron	No, more than 3"	No, reco	Yes	Yes	Yes
6/7/2021	85P10	34TH AVE S	E 80 1/2 ST	One-Way Directional	2013-305					Yes	3.2	0.3	0.8	0.8	2.1	3.3	Cast iron	No, more	Yes	No, reco	Yes	No
6/7/2021	01S35-02		LINDAU LN	One-Way Directional	2013-301						1.1	1.0	0.6	0.5	0.7	1.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	31F20	JAMES AVE S	RAILROAD		2019-102						0.2	0.2					Cast iron	No, more	Yes		Yes	Yes
6/3/2021	31G20	JAMES AVE S	RAILROAD		2019-102						0.2	0.6					Cast iron	No, more	Yes		Yes	Yes
6/3/2021	3.10E+20	JAMES AVE S															None					No
6/3/2021	31M01	PENN AVE S	W 96th St	One-Way Directional	2019-102						2.0	0.4	0.6	1.9	0.2	1.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	31N1	PENN AVE S	W 96th St	One-Way Directional	2019-102	5	4.9	0.5	0.9	Yes	3.8	1.0	1.3	1.0	0.8	1.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	35V53-02	FRANCE AVE S	W 98TH ST	Perpendicular	2014-102	6.3	8	0.3	0.6		1.3	0.7	1.8	1.1	1.2	1.3	Cast iron	No, more	Yes	No, reco	Yes	No
6/3/2021	39A23	YORK LANE	W 102ND ST	One-Way Directional	2019-102						3.7	0.5	0.3	0.0	1.0	1.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	39A24	YORK LANE	W 102ND ST	One-Way Directional	2019-102						4.1	0.5	1.1	0.2	1.4	2.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	39A20	ZENITH LANE	W 102ND ST	One-Way Directional	2019-102	4.4	4	1.2	2.3		3.9	1.0	0.1	0.3	0.1	0.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	34C52-01	PENN AVE S	JONES PLACE	One-Way Directional	2019-102						3.8	1.3	1.4	1.5	0.9	2.4	Cast iron	Yes, less	Yes	No, write	No, write	Yes
6/3/2021	34H11	BEARD AVE S	W 99TH ST	One-Way Directional	2019-101	5	5.8	0.0	1.8	Yes	9.8	2.4	0.7	0.2	1.6	1.8	Cast iron	Yes, less than 3"	Yes	Yes	Yes	No
6/3/2021	42H27-01	HUMBOLDT AVE S	W 107th St	One-Way Directional	2020-101	4.9	4.2	1.7	0.0		4.1	0.7	0.0	2.5	0.1	2.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	42G27-01	HUMBOLDT AVE S	W 107th St	One-Way Directional	2020-101						5.0	0.5	0.8	0.8	0.6	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	4N23-1	11TH AVE S	E 84TH ST	One-Way Directional	2019-101	4.5	4.2	0.3	1.0		3.0	0.1	0.4	1.3	0.2	3.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/3/2021	15G10	Shepherd Hills Dr	W 87th	Tiered Perpendicular	2020-102	4	4.4	0.0	1.0	Yes	3.4	2.5	3.1	1.9	3.8	6.0	Cast iron	No, more	Yes	Yes	Yes	No
6/3/2021	39A19	ZENITH LANE	W 102ND ST	One-Way Directional	2019-102	4.4	4	0.3	0.1		2.5	0.2	0.8	0.8	0.0	2.0	Cast iron	Yes, less	Yes			Yes
6/2/2021	51A46-01	RUSSELL AVE S	W 110th St	One-Way Directional	2019-102	5	3.8				2.8	0.6	0.7	0.4	1.1	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	51A47-01	RUSSELL AVE S	W 110th St	One-Way Directional	2019-102						1.8	1.2	1.1	0.2	1.6	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	51A49-01	QUEEN AVE S	W 110th St	One-Way Directional	2019-102						2.5	0.3	0.5	1.4	0.8	3.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	51A50-01	QUEEN AVE S	W 110th St	One-Way Directional	2019-102	5.2	3.9	1.2	1.6		3.2	0.5	0.2	1.7	0.5	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/2/2021	41Z08	MORGAN AVE S	W 106TH ST	One-Way Directional	2014-102						1.2	3.0	2.1	1.3	3.0	0.8	Cast iron	Yes, less	Yes	No, reco	Yes	No
6/2/2021	42K27-01	HUMBOLDT AVE S	Valley high	One-Way Directional	2020-101	4.9	5.7	2.0	0.9		5.6	0.8	0.5	1.6	0.7	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	42J27-01	HUMBOLDT AVE S	Valley high	One-Way Directional	2020-101						1.8	1.0	1.0	1.9	1.6	1.2	Cast iron	Yes, less	Yes			Yes
6/2/2021	21H49	18TH AVE S	E 87TH ST	One-Way Directional	2019-101	5	5.2	0.6	0.4		2.2	0.4	0.4	1.2	0.8	1.8	Cast iron	No, more	Yes	Yes	Yes	Yes
6/2/2021	4N22-1	11TH AVE S	E 84TH ST	One-Way Directional	2019-101	4.2	4.2	0.1	1.4		2.8	0.2	0.2	1.9	0.5	2.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	4N22-2	11TH AVE S	E 84TH ST	One-Way Directional	2019-101	4.2	4.23	0.5	0.3		4.9	0.2	1.0	1.1	0.1	2.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	4N23-2	11TH AVE S	E 84TH ST	Perpendicular	2019-101	6.6	4.2	0.1	1.2		3.7	0.8	0.8	0.8	0.1	2.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	7Z49	ALDRICH AVE S	W 82nd St	Combined Directional	2019-101	8.9	8	0.8	0.2		1.2	0.2	0.2	1.7	0.5	1.9	Cast iron	No, more	No, write	Yes	Yes	No
6/2/2021	7Z48	ALDRICH AVE S	W 82ND ST	Combined Directional	2019-101					Yes	0.6	0.3	0.3	1.5	0.0	0.5	Cast iron	No, more	No, write	Yes	Yes	No
6/2/2021	8G1	PENN AVE S	W 83RD ST	One-Way Directional	2020-102	7.7	5.9				2.3	0.5	0.4	0.7	0.0	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/2/2021	10S37	THOMAS AVE S	W 85th St	Tiered Perpendicular													None					No
6/2/2021	15G11	Shepherd Hills Dr	W 87th	One-Way Directional							2.0	1.8	0.1	1.1	0.2	0.1	Tyred	Yes, less	than 3" G	Yes	Yes	No
6/1/2021	38H13	RICH RD	UTICA RD	One-Way Directional	2020-102	5	5	0.2	0.0		4.4	1.1	1.2	0.3	0.0	2.8	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/1/2021	38K12	RICH RD	TOLEDO CUR	Tiered Perpendicular	2020-102	4	5	0.1	1.0	Yes	5.3	0.3	0.3	0.0	0.6	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	38K10-2	RICH RD	TOLEDO CUR	Combined Directional	2020-102	5.2	5	1.0	0.9		3.0	1.0	1.7	0.3	0.5	1.5	Cast iron	Yes, less	than 3" Gap			Yes
6/1/2021	38K10-1	RICH RD	TOLEDO CUR	Combined Directional	2020-102	5.2	5	0.7	0.6	No, write	0.6	1.5	0.3	0.3	1.5	0.4	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/1/2021	37U05-01	HERITAGE HILLS DR	W 105th St	One-Way Directional	2020-102	5	3.7	1.9	2.5		2.1	1.3	1.5	2.3	0.0	4.8	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/1/2021	38D15	RICH RD	HERITAGE HILLS DR	One-Way Directional	2020-102	5	3.8	3.4	0.6	Yes	1.5	3.0	1.3	0.4	1.3	1.6	Cast iron	Yes, less	Yes	Yes	Yes	No
6/1/2021	3.80E+16	RICH RD	HERITAGE HILLS DR	One-Way Directional	2020-102	3.8	4.8	1.2	0.3	Yes	4.1	0.1	1.8	1.0	1.5	1.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	37Y06-01	HERITAGE HILLS DR	W 106th St	One-Way Directional	2020-102	4.6	3.8	0.2	2.6	Yes	2.7	1.0	1.0	0.6	1.0	1.3	Cast iron	Yes, less	Yes	Yes	Yes	No
6/1/2021	37Z06-01	HERITAGE HILLS DR	W 106th St	One-Way Directional	2020-102					Yes	4.4	2.3	5.5	2.8	6.0	4.8	Cast iron	Yes, less	Yes	Yes	Yes	No
6/1/2021	37Z07-01	HERITAGE HILLS DR	W 106th St	One-Way Directional	2020-102	3.4	4.1	0.4	0.8		0.6	0.9	2.9	2.7	2.2	6.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	37Y07-01	HERITAGE HILLS DR	W 106th St	One-Way Directional	2020-102	6	4	0.9	3.6	Yes	5.4	0.7	2.4	5.0	2.7	0.2	Cast iron	Yes, less	Yes	Yes	Yes	No
6/1/2021	37S18-01	RICH RD	W 106th St	Perpendicular	2020-102	4.1	6.5	1.6	1.4		4.1	1.2	1.1	0.5	0.8	2.0	Cast iron	No, more	than 3"	Yes	Yes	No
6/1/2021	37D18-01	RICH RD	RICH CIR	One-Way Directional	2020-102					Yes	1.8	1.1	0.0	1.3	0.3	1.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	37E18-01	RICH RD	RICH CIR	One-Way Directional	2020-102					Yes	1.4	0.4	0.5	0.2	0.4	2.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	37M05-01	TOLEDO AVE S	SCARBOROUGH RD	One-Way Directional	2020-102						0.8	0.9	1.3	0.5	0.6	1.9	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
6/1/2021	37I06-01	SCARBOROUGH CIR	SCARBOROUGH RD	One-Way Directional	2020-102					Yes	1.7	0.1	0.6	0.5	1.0	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	37H06-01	SCARBOROUGH CIR	SCARBOROUGH RD	One-Way Directional	2020-102	3.5	5	1.4	0.0	Yes	0.7	0.8	0.1	0.2	1.6	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/1/2021	31T20N	JAMES AVE S	W 97TH ST	One-Way Directional	2016-102	5.6	5	1.9	0.6		4.6	2.0	0.3	2.0	0.2	0.3	Cast iron	No, more	Yes	No, reco	Yes	No
6/1/2021	31T20S	JAMES AVE S	W 97TH ST	One-Way Directional	2016-102	5	5	0.5	1.0		6.5	2.9	1.1	2.2	1.2	1.2	Cast iron	Yes, less	Yes	No, reco	No, reco	No
6/1/2021	38L10	RICH RD	TOLEDO CUR	One-Way Directional	2020-102	4.9	4.9	0.8	0.8	Yes	3.9	1.1	0.6	1.2	0.5	1.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/29/2021	13V33	NINE MILE CREEK PKWY	W 90th St	One-Way Directional	2020-102						3.7	0.3	1.1	1.7	0.8	1.2	Cast iron	No, more	Yes	Yes	Yes	No
5/29/2021	66S01-02	NORMANDEALE BLVD	W 94TH ST	Perpendicular		0	0				35.0	3.8	5.5	3.5	4.5	1.3	None			Yes	Yes	No
5/28/2021	15m26-01	XERXES AVE S	W 88th St	Parallel						Yes	5.9	1.8	0.6	2.1	0.6	1.7	None			Yes	Yes	No
5/28/2021	15m26-02	XERXES AVE S	W 88th St	Parallel						Yes	5.2	1.1	1.2	1.4	0.1	3.0	None			Yes	Yes	No
5/28/2021	15m27-01	XERXES AVE S	W 88th St	Parallel						Yes	1.0	1.2	0.0	1.6	0.5	3.8	Cast iron	No, more	No, write	Yes	Yes	Yes
5/28/2021	15m27-02	XERXES AVE S	W 88th St	One-Way Directional							0.9	0.1	0.5	1.6	0.4	1.8	Cast iron	No, more	than 3"	No, reco	No, reco	Yes
5/28/2021	15n27-02	XERXES AVE S	W 88th St	Parallel						No, reco	4.4	0.8	1.4	0.3	1.4	3.6	None			Yes	Yes	No
5/28/2021	15n27-01A	XERXES AVE S	W 88th st	One-Way Directional		5	4	1.1	3.2		0.2	0.9	0.7	0.6	0.2	0.8	Cast iron	No, more	No, reco	Yes	Yes	No
5/28/2021	15n27-01B	XERXES AVE S	W 88th st	Fan							0.9	1.7	1.8	1.9	0.9	2.5	Cast iron	No, more	Yes	Yes	No, reco	Yes
5/28/2021	15N26-01	XERXES AVE S	W 88th St	One-Way Directional							3.9	1.5	1.2	1.6	1.4	1.8	Cast iron	No, more	than 3"	Yes	Yes	Yes
5/28/2021	15N26-02	XERXES AVE S	W 88th St	One-Way Directional							3.8	0.1	1.2	1.0	0.9	4.6	Cast iron	No, more	than 3"	Yes	Yes	Yes
5/28/2021	15X06	TRETBAUGH DR	W 90TH ST	Tiered Perpendicular						Yes	2.6	0.5	0.1	3.8	0.1	2.3	None			Yes	Yes	No
5/28/2021	36L01	NORMANDEALE BLVD	N'dale Hi'l'ands Dr	Combined Directional	2019-102					Yes	0.4	0.6	0.6	1.4	1.0	3.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	36K01	NORMANDEALE BLVD	N'dale Hi'l'ands Dr	Combined Directional	2019-102					No, write	3.0	0.3	0.6	1.3	0.3	2.3	Cast iron	No, more	No, write	exceptio	Yes	No
5/28/2021	36L06-2		N'dale Hi'l'ands Dr	One-Way Directional							5.2	0.3	0.5	0.6	0.7	1.9	None			Yes	Yes	No
5/28/2021	36L06-1		N'dale Hi'l'ands Dr	One-Way Directional							5.7	0.4	0.9	1.9	0.1	1.8	None			Yes	Yes	No
5/28/2021	35X43	COLLEGEVIEW RD	W 98TH ST	Perpendicular	2010-102	5	4.1	0.5	6.7		6.0	2.2	2.4	5.3	2.5	3.3	Colored concrete	Yes, less	Yes			No
5/28/2021	35Y43	COLLEGEVIEW RD	W 98TH ST	One-Way Directional	2014-102						3.5	1.3	1.4	1.0	1.6	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than ½"	Jointing on sidewalk less than ½"	Fully Compliant
5/28/2021	36A44-2	COLLEGEVIEW RD	W 98TH ST	One-Way Directional	2014-102	4.4	8	1.3	1.9		2.0	2.2	1.2	1.6	1.9	1.8	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	36A44-1	COLLEGEVIEW RD	W 98TH ST	Perpendicular	2014-102	12.9	8.1	1.5	0.6		3.2	2.0	4.3	1.4	3.2	1.6	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	35Y44-2	COLLEGEVIEW RD	W 98TH ST	One-Way Directional	2014-102	11.1	14	0.9	1.0	No, write	1.3	0.4	0.1	1.2	0.2	2.5	Cast iron	Yes, less	Yes	No, write	Yes	Yes
5/28/2021	35X44-1	COLLEGEVIEW RD	W 98TH ST	One-Way Directional	2014-102	10.6	10.2	2.8	3.1	No, write	3.8	0.6	3.0	1.9	3.2	3.9	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	35A44-2	COLLEGEVIEW RD	W 98TH ST	One-Way Directional	2014-102	8.9	10.5	2.8	1.3	No, write	0.9	1.6	2.9	3.4	2.8	4.2	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	36E11-1	RICH RD	W 98TH ST	Tiered Perpendicular	2014-102	5.1	4.2	1.5	1.6	Yes	1.5	1.1	1.7	1.2	1.0	4.0	Cast iron	Yes, less	Yes	Yes	No, write	Yes
5/28/2021	36F12	RICH RD	W 98TH ST	Tiered Perpendicular	2020-101	4.1	5.3	0.3	1.1	No, write	4.3	0.3	0.5	1.0	0.3	2.7	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	15W01-1	FRANCE AVE S	W 90TH ST	Tiered Perpendicular	2019-102	9.9	10	0.8	0.2		4.4	1.5	1.1	0.6	1.2	1.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13U43	HARRISON RD	W 90th St	One-Way Directional	2020-102	5	3.8	1.5	0.1		2.1	0.1	0.7	0.9	1.2	2.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13U42	HARRISON RD	W 90th St	One-Way Directional	2020-102						3.3	0.7	0.3	1.6	0.6	2.1	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	13W40-01	JOHNSON AVE S	W 90th St	One-Way Directional	2020-102						0.5	1.2	2.0	1.0	1.8	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13W40-02	JOHNSON AVE S	W 90th St	One-Way Directional	2020-102						3.7	1.0	0.8	0.9	0.6	1.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13W37	KELL AVE S	W 90th St	One-Way Directional	2020-102						4.4	1.7	0.3	1.4	0.1	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13V38	KELL AVE S	W 90TH ST	One-Way Directional	2020-102						0.2	1.6	1.1	0.8	1.9	7.5	Cast iron	No, more	Yes	Yes	No, reco	No
5/28/2021	13V39	KELL AVE S	W 90TH ST	One-Way Directional	2020-102						5.6	2.0	0.8	0.7	0.3	0.7	Cast iron	No, more	Yes	No, reco	Yes	<Null>
5/28/2021	13u37	MORRIS RD	W 90TH ST	One-Way Directional	2015-102						4.0	2.7	0.3	1.5	0.8	2.0	Cast iron	Yes, less	Yes	Yes	Yes	No
5/28/2021	13v34	MORRIS RD	W 90TH ST	One-Way Directional	2015-102						1.9	1.9	1.5	1.7	2.0	2.7	Cast iron	Yes, less	Yes	No, write	No, write	Yes
5/28/2021	13V32-02	NINE MILE CREEK PKWY	W 90th St	One-Way Directional							1.3	0.6	1.7	3.8	0.6	3.1	None			Yes	Yes	No
5/28/2021	13V31	NINE MILE CREEK PKWY	W 90th St	One-Way Directional	2020-102	3.7	4.3	1.2	1.6	No, write	0.8	1.0	0.8	0.8	0.8	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13W29	SOUTHMORE DR	W 90TH ST	One-Way Directional	2020-102						0.2	0.6	0.5	6.1	0.2	0.9	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	13W28	SOUTHMORE DR	W 90TH ST	One-Way Directional	2020-102						0.5	0.2	0.2	1.5	0.1	1.6	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	13Y24-01	KINGSDALE DR	POPLAR BRIDGE RD	One-Way Directional	2020-102						1.0	0.0	0.2	1.7	0.9	0.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	13X24-01	KINGSDALE DR	POPLAR BRIDGE RD	One-Way Directional	2020-102						1.0	0.9	0.5	0.7	0.8	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	14D14-01	POPLAR BRIDGE RD	W 91st St	One-Way Directional	2020-102						0.5	0.8	0.4	2.0	1.0	6.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	14D14-02	POPLAR BRIDGE RD	W 91st St	One-Way Directional	2020-102						4.9	0.8	0.9	0.8	1.3	0.7	Cast iron	No, more	Yes	Yes	Yes	No
5/28/2021	14H14-01	POPLAR BRIDGE RD	FOREST HILLS CIR	One-Way Directional	2012-102						8.1	2.0	3.0	1.8	3.5	0.7	Cast iron	Yes, less	Yes	Yes	Yes	No
5/28/2021	14G14-01	POPLAR BRIDGE RD	FOREST HILLS CIR	One-Way Directional	2012-102						2.1	6.0	5.9	3.3	5.8	4.1	Cast iron	Yes, less	Yes	Yes	Yes	No
5/28/2021	14I13-01	POPLAR BRIDGE RD	W 92nd St	One-Way Directional	2020-102						1.6	0.8	0.7	0.5	0.3	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	14H13-01	POPLAR BRIDGE RD	W 92nd St	One-Way Directional	2020-102						3.2	2.0	0.8	2.5	2.7	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	14W06		POPLAR BRIDGE RD	One-Way Directional	2020-102						0.3	0.4	0.0	1.5	0.3	0.8	Cast iron	No, more than 3"	Yes	Yes	Yes	Yes
5/28/2021	14W05		POPLAR BRIDGE RD	One-Way Directional	2020-102						1.1	0.5	1.5	0.9	2.0	0.3	Cast iron	Yes, less	No, write	Yes	Yes	No
5/28/2021	14X06-01	TOLEDO AVE S	POPLAR BRIDGE RD	One-Way Directional	2020-102						3.7	0.3	2.0	0.5	2.1	0.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	14W06-01	TOLEDO AVE S	POPLAR BRIDGE RD	Diagonal	2020-102					No, write	1.9	0.1	0.8	1.8	1.5	1.7	Cast iron	Yes, less than 3" G	Yes	Yes	Yes	Yes
5/28/2021	66S01-01	NORMANDALE BLVD	W 94TH ST	Perpendicular							3.1	4.5	4.7	0.2	5.1	0.2	None			No, reco	Yes	No
5/28/2021	16T01-02	NORMANDALE BLVD	W 94TH ST	One-Way Directional							6.4	3.8	4.0	3.6	3.6	1.5	None			Yes	Yes	No
5/28/2021	16T01-01	NORMANDALE BLVD	W 94TH ST	One-Way Directional						No, write	7.2	4.1	5.1	0.8	5.0	0.3	None			Yes	Yes	No
5/28/2021	65T52	NORMANDALE BLVD	W 94TH ST	Diagonal						No, write exception			2.3	1.8	2.2	1.3	None			No, reco	Yes	No
5/28/2021	35A00-2	NORMANDALE BLVD	POPLAR BRIDGE RD	Parallel		0		2.0	1.0	Yes	3.7	3.6	1.5	2.2			None			No, reco	Yes	No
5/28/2021	66O01-01	BRIAR LN	W 94TH ST	One-Way Directional	2020-102						1.1	0.4	0.6	1.7	0.8	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	66O01-02	BRIAR LN	W 94TH ST	One-Way Directional	2020-102						1.0	0.8	0.1	0.8	0.3	1.0	Cast iron	No, more	Yes, 5' or	Yes	Yes	No
5/28/2021	13W38	KELL AVE S	W 90th St	One-Way Directional	2020-102						0.1	1.3	1.9	3.0	1.8	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/28/2021	35A00	NORMANDALE BLVD	POPLAR BRIDGE RD	Parallel		0				Yes	2.0	4.3	3.0	4.0	3.1	0.0	None			No, reco	Yes	No
5/26/2021	66D13-01	HYLAND COURTS DR	W 96TH ST	One-Way Directional	2020-101	6.2	10.2	0.1	0.3	No, write	2.5	1.0	0.1	1.3	0.2	0.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	66I12-01	YOSEMITE RD	W 96TH ST	Diagonal	2020-101	5.7	5.7	0.5	1.5	Yes	2.0	0.1	0.9	1.0	0.2	1.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	66J12-01	YOSEMITE RD	W 96TH ST	One-Way Directional	2020-101	5	6	0.2	0.8	Yes	2.0	1.0	1.9	1.1	1.8	1.6	Cast iron	Yes, less than 3" G	Yes	Yes	Yes	Yes
5/26/2021	66R12-01	HYLAND PL	BRIAR CIR	One-Way Directional	2020-101						2.1	1.2	0.6	1.5	1.0	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	66K13	BRIAR RD	W 96TH ST	Tiered Perpendicular	2020-101	4	5.3	1.1	0.2	Yes	3.1	1.1	0.5	0.8	0.6	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	66L13-2	BRIAR RD	W 96TH ST	Combined Directional	2020-101					No, write	0.8	0.6	1.3	0.5	1.4	0.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	66N08-1	BRIAR RD	BRIAR CIR	One-Way Directional	2020-101						1.2	1.2	0.6	0.6	1.5	0.2	Cast iron	Yes, less than 3" G	Yes	Yes	Yes	Yes
5/26/2021	66N08-2	BRIAR RD	BRIAR CIR	One-Way Directional	2020-101						4.1	1.2	0.8	0.5	1.1	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/26/2021	58P16-01	HIGHWOOD DR	W 84TH ST	Tiered Perpendicular	2020-102	4.9	4.2	0.8	1.7	Yes	4.6	0.1	0.5	1.2	0.5	0.9	Cast iron	Yes, less	Yes	Yes	No, write	Yes
5/26/2021	60Y28-03	W BUSH LAKE RD	W 86th St	One-Way Directional	2010-102						1.6	0.0	0.6	2.0	0.5	1.5	Cast iron	No, more	Yes	No, reco	No, reco	Yes
5/26/2021	60Y28-01	W BUSH LAKE RD	W 86th St	Tiered Perpendicular	2020-110	10.2		0.0	0.6	Yes	1.1	0.4	0.3	0.6	0.1	1.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	60Y28-02	W BUSH LAKE RD	W 86th St	One-Way Directional	2020-110						0.7	0.1	0.1	0.7	0.3	0.2	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
5/26/2021	60Z28-01	W BUSH LAKE RD	W 86th St	One-Way Directional	2020-110						3.5	0.3	1.8	0.4	1.9	1.9	Cast iron	No, more	Yes	Yes	Yes	No
5/26/2021	61K46		WALTON POND CIR	One-Way Directional	2019-102	4.6	4.6	0.2	1.2	Yes	3.4	0.3	1.1	2.2	1.6	3.6	Cast iron	No, more	No, write	Yes	Yes	Yes
5/26/2021	61L52-01	LAKEVIEW RD	WALTON POND CIR	One-Way Directional	2019-102						2.7	1.0	0.6	0.5	0.0	2.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	61K52-01	LAKEVIEW RD	WALTON POND CIR	One-Way Directional	2019-102					No, write	0.7	0.8	0.1	0.7	0.3	2.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63J03-01	LAKEVIEW CIR	LAKEVIEW DR	One-Way Directional	2019-102	5	4.8	0.5	0.5		0.5	1.1	0.8	0.8	0.7	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63J03-02	LAKEVIEW CIR	LAKEVIEW DR	One-Way Directional	2019-102						3.1	1.1	0.9	0.3	1.6	0.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63L04-01	WOOD CLIFF RD	LAKEVIEW DR	One-Way Directional	2019-102						0.2	1.0	0.8	1.6	1.5	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63K05-01	WOOD CLIFF RD	LAKEVIEW DR	One-Way Directional	2019-102					No, write	0.8	1.9	1.2	1.4	1.3	1.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63F06-01	WOOD CLIFF RD	Woodcliff circle n	One-Way Directional	2019-102						2.7	0.2	0.5	1.8	0.2	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63F05-01	WOOD CLIFF RD	Woodcliff circle n	One-Way Directional	2019-102	6.3	4.5	2.2	5.6		2.4	1.1	0.6	0.3	0.3	1.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63A09-01	WOOD CLIFF RD	W 86th St	One-Way Directional	2019-102	5	4.8	0.8	1.5	Yes	1.9	1.0	0.8	0.6	1.0	2.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	63A10-01	WOOD CLIFF RD	W 86th St	One-Way Directional	2019-102	4.8	5.1	0.5	6.2		3.7	0.1	0.1	0.9	0.2	0.3	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/26/2021	58Z10-01	WOOD CLIFF RD	W 86th St	Perpendicular	2019-102						4.3	2.3	1.4	1.5			None			Yes	Yes	No
5/25/2021	66N03	BRIAR RD	BRIAR CIR	One-Way Directional	2020-101	3.4	5	1.7	1.9		0.6	1.3	1.5	1.6			Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	66N02-01	BRIAR RD	W 94TH ST	One-Way Directional	2020-102	4	5.2	0.8	0.9		3.1	2.4	1.9	0.6			Cast iron	Yes, less	Yes	Yes	Yes	No
5/25/2021	66N02-01	BRIAR RD	W 94TH ST	One-Way Directional	2020-102	4.1	5.2	0.4	1.8		6.5	0.9	1.4	0.4			Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	66J01-01	YOSEMITE RD	W 94TH ST	One-Way Directional	2020-102	4	4.7	0.2	1.5		2.3	1.1	1.1	2.2			Cast iron			Yes	Yes	Yes
5/25/2021	66J01-02	YOSEMITE RD	W 94TH ST	One-Way Directional	2020-102	4.3	5.1	0.8	1.9		3.3	0.8	1.2	0.7			Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	65H51-1	HYLAND CREEK RD	W 94TH ST	One-Way Directional	2020-102	4.7	5.3	2.6	0.7	No, write	0.0	2.9	1.1	2.3	2.1	0.3	Cast iron	Yes, less	Yes	Yes	Yes	No
5/25/2021	65H51-2	HYLAND CREEK RD	W 94TH ST	One-Way Directional	2020-102	4.8	4.9	1.7	1.7	Yes	1.2	1.5	0.3	1.3			Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	64Z43-02	COLORADO RD	W 94TH ST	One-Way Directional	2020-102	5.1	5.2	0.1	0.2	Yes	6.8	0.4	0.9	0.2			Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	67A43-01	COLORADO RD	W 94TH ST	Diagonal	2020-102	4	4.6	1.9	1.0		5.2	1.2	0.4	0.5			Cast iron	No, more	than 3"	Yes	Yes	No
5/25/2021	31Z20	JAMES AVE S	W 98th St	Combined Directional	2019-102	6.6	10.2	0.9	1.3	Yes	4.8	0.7	0.3	0.6	0.4	0.4	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
5/25/2021	31Z19E	JAMES AVE S	W 98th St	One-Way Directional	2019-102	6	4.2	0.7	1.2		1.2	1.3	1.2	2.1	1.0	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
5/25/2021	31Z19W	JAMES AVE S	W 98th St	One-Way Directional	2019-102	4.5	5.5	0.9	1.6		5.0	1.4	0.8	0.0	1.1	0.5	Cast iron	No, more	Yes	Yes	Yes	Yes
5/25/2021	31Z19N	JAMES AVE S	W 98th St	One-Way Directional	2019-102	6.5	5.5	0.4	1.2	Yes	3.1	0.5	0.8	2.1	0.7	1.2	Cast iron	No, more	Yes	Yes	Yes	Yes
5/25/2021	64Z43-01	COLORADO RD	W 94TH ST	One-Way Directional	2020-102	5.2	5.1	0.2	0.1	Yes	2.2	2.5	1.3	0.6			Cast iron	Yes, less	Yes	Yes	Yes	No
5/25/2021	64Z43-03	COLORADO RD	W 94TH ST	Perpendicular	2010-101	4.9	4.8	2.7	1.2	Yes	1.0	2.2	0.7	1.8			Cast iron	No, more	Yes	Yes	Yes	No
5/25/2021	31Z19S	JAMES AVE S	W 98th St	One-Way Directional	2019-102	5.3	9	0.2	1.8		0.1	0.6	0.4	1.6	1.4	3.9	Cast iron	No, more	Yes	Yes	Yes	Yes
11/23/2020	30R07	HARRIET AVE S	HARRIET AVENUE														None					No
11/23/2020	30S07	HARRIET AVE S	HARRIET AVENUE														Tyned					No
11/19/2020	37U01-01	NORMANDALE BLVD	HERITAGE HILLS DR	One-Way Directional	2020-102					Yes	6.0	2.3	3.3	0.4	2.9	1.3	Cast iron	Yes, less	Yes	Yes	Yes	No
11/19/2020	37V01-01	NORMANDALE BLVD	HERITAGE HILLS DR		2020-102					Yes	2.6	2.0	2.5	3.4	3.2	1.5	Cast iron	Yes, less	than 3" G	Yes	Yes	No
11/19/2020	38U01	NORMANDALE BLVD	RAILROAD	One-Way Directional	2020-102	5	5	3.6	0.7	Yes	2.1	0.4			0.8	2.4	Cast iron	Yes, less	Yes		Yes	Yes
11/19/2020	38V01	NORMANDALE BLVD	RAILROAD	One-Way Directional	2020-102	5	5	1.8	0.6	Yes	2.5	0.6			1.0	0.0	Cast iron	Yes, less	Yes		Yes	Yes
11/19/2020	75T46	NORMANDALE BLVD	RAILROAD	One-Way Directional	2020-102					Yes	1.9	0.4			2.6	3.0	Cast iron	No, more	Yes		Yes	Yes
11/19/2020	75T47	NORMANDALE BLVD	RAILROAD	One-Way Directional	2020-102					Yes	1.2	1.6			1.2	2.2	Cast iron	Yes, less	Yes		Yes	Yes
11/19/2020	37N01-01	NORMANDALE BLVD	SCARBOROUGH RD	One-Way Directional	2020-102					Yes	3.7	2.6	0.5	3.6	2.1	1.1	Cast iron	Yes, less	No, write	Yes	Yes	No
11/19/2020	38Y00	NORMANDALE BLVD	W 110th St	One-Way Directional	2020-102					No, write	1.6	1.7	0.3	1.0	0.8	3.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
11/19/2020	38Z00	NORMANDALE BLVD	W 110th St		2020-102					No, write	1.4	1.7	1.6	2.2	0.9	3.0	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
11/19/2020	75T50	NORMANDALE BLVD	W 110th St	One-Way Directional	2020-102			1.3	0.5	Yes	8.0	2.0	1.2	3.1	1.5	3.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
11/19/2020	38N09	RICH RD	W Old Shakopee Rd	One-Way Directional	2020-102	5	4	0.3	2.2	Yes	6.3	0.2	4.7	6.3	4.8	2.7	Cast iron	Yes, less	Yes	Yes	Yes	No
11/19/2020	38N10	RICH RD	W Old Shakopee Rd		2020-102					Yes	0.7	1.2	1.4	7.0	1.5	4.8	Cast iron	Yes, less	than 3" G	Yes	Yes	Yes
11/19/2020	38O4	TOLEDO CUR	W Old Shakopee Rd		2020-102	7	10	1.5	0.5	Yes	4.8	2.0	5.4	5.9	5.6	0.4	Cast iron	Yes, less	No, write	Yes	Yes	Yes
11/19/2020	38O5	TOLEDO CUR	W Old Shakopee Rd		2020-102	6	4.3	0.8	1.6	Yes	5.9	0.1	1.3	7.0	0.6	4.0	Cast iron	Yes, less	No, write	Yes	Yes	Yes
11/3/2020	04O47	17TH AVE S	E 84TH ST														Cast iron					<Null>

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
11/3/2020	23N06	19TH AVE S	E 88TH ST														None					No
11/3/2020	01U32-1	26TH AVE S															Cast iron					<Null>
11/3/2020	01U32-2	26TH AVE S															Cast iron					<Null>
11/3/2020	085S4-1	33RD AVE S															Cast iron					<Null>
11/3/2020	085S4-2	33RD AVE S															Cast iron					<Null>
11/3/2020	085S5-1	33RD AVE S															Cast iron					<Null>
11/3/2020	085S5-2	33RD AVE S															Cast iron					<Null>
11/3/2020	085T4-1	33RD AVE S															Cast iron					<Null>
11/3/2020	085T4-2	33RD AVE S															Cast iron					<Null>
11/3/2020	085T5-1	33RD AVE S															Cast iron					<Null>
11/3/2020	085T5-2	33RD AVE S															Cast iron					<Null>
11/3/2020	85G12-1	34TH AVE S															Cast iron					<Null>
11/3/2020	85G12-2	34TH AVE S															Cast iron					<Null>
11/3/2020	85T12	34TH AVE S															None					No
11/3/2020	85T12-01	34TH AVE S															Exposed aggregate	No, more than 3" Gap				No
11/3/2020	03E13-01	CHICAGO AVE S															None					No
11/3/2020	7.00E+34	FREMONT AVE S															None					No
11/3/2020	29R27	NICOLLET AVE S															Tyned					No
11/3/2020	29S27	NICOLLET AVE S															Tyned					No
11/3/2020	24K01-01	OLD CEDAR AVE S	E OLD SHAKOPEE RD														None					No
11/3/2020	24K01-03	OLD CEDAR AVE S	E OLD SHAKOPEE RD														None					No
11/3/2020	24L01-02	OLD CEDAR AVE S	E OLD SHAKOPEE RD														None					No
11/3/2020	041A1-1	PENN AVE	W OLD SHAKOPEE RD														None					No
11/3/2020	041A1-2	PENN AVE	W OLD SHAKOPEE RD														Tyned					No
11/3/2020	05I13-1	RAILROAD	AMERICAN BLVD W														None					No
11/3/2020	05I13-2	RAILROAD	AMERICAN BLVD W														None					No
11/3/2020	05J13-1	RAILROAD	AMERICAN BLVD W														None					No
11/3/2020	05J13-2	RAILROAD	AMERICAN BLVD W														None					No
11/3/2020	05I17		AMERICAN BLVD E														None					No
11/3/2020	85C36		AMERICAN BLVD E														None					No
11/3/2020	85D36		AMERICAN BLVD E														None					No
11/3/2020	85L14		AMERICAN BLVD E														None					No
11/3/2020	85L15		AMERICAN BLVD E														Cast iron	No, more than 3" Gap				No
11/3/2020	05I16		AMERICAN BLVD W														None					No
11/3/2020	01X29-1		E 82ND ST														Cast iron					<Null>
11/3/2020	01X29-2		E 82ND ST														Cast iron					<Null>
11/3/2020	7.00E+34		FREMONT AVE S														Colored concrete					No
11/3/2020	02J23		KILLEBREW DR														Colored concrete					<Null>
11/3/2020	02J24		KILLEBREW DR														Colored concrete					<Null>
11/3/2020	02L19-1		KILLEBREW DR														Tyned					No
11/3/2020	02L19-2		KILLEBREW DR														Tyned					No
11/2/2020	02Q16	22ND AVE S															None					No
11/2/2020	02A38	28TH AVE S	E 82ND ST														Cast iron					<Null>
11/2/2020	02A39	28TH AVE S	E 82ND ST														Cast iron					<Null>
11/2/2020	19M39-1	3RD AVE S	E 88TH ST														Tyned					No
11/2/2020	19M39-2	3RD AVE S	E 88TH ST														None					No
11/2/2020	19M39-3	3RD AVE S	E 88TH ST														None					No
11/2/2020	19M48	5TH AVE S	E 88TH ST														None					No
11/2/2020	19M49	5TH AVE S	E88TH ST														None					No
11/2/2020	34J11	BEARD AVE S	W 100TH ST														Tyned					No

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11/2/2020	03N40-2	BLOOMINGTON AVE S															Exposed aggregate					No
11/2/2020	19M42	CLINTON AVE S	E 88TH ST														None					No
11/2/2020	41Y47	E BLOOMINGTON FWY	W 106TH ST																			No
11/2/2020	57A45-3	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
11/2/2020	24I03	E OLD SHAKOPEE RD	MEADOWVIEW														None					No
11/2/2020	034W1-2	FRANCE AVE	W 101 1/2 ST														None					No
11/2/2020	08Z32	FREMONT AVE S	W 86TH ST														None					<Null>
11/2/2020	1.90E+07	HARRIET AVE S															None					No
11/2/2020	19F06	HARRIET AVE S															None					No
11/2/2020	19G06	HARRIET AVE S															None					No
11/2/2020	37H41-1	JOHNSON AVE S															None					No
11/2/2020	37H41-2	JOHNSON AVE S															None					No
11/2/2020	38Z34	LITTLE AVE S	W 110TH ST														None					No
11/2/2020	32K15-1	LOGAN AVE S	W OLD SHAKOPEE														Other					No
11/2/2020	32K15-2	LOGAN AVE S	W OLD SHAKOPEE														Other					No
11/2/2020	32L14-2	LOGAN AVE S	W OLD SHAKOPEE														Other					No
11/2/2020	32L14-3	LOGAN AVE S	W OLD SHAKOPEE														Other					No
11/2/2020	06F26	NICOLLET AVE S	E 83RD ST														None					No
11/2/2020	06G26	NICOLLET AVE S	E 83RD ST														None					No
11/2/2020	19S26	NICOLLET AVE S	E 89TH ST														None					No
11/2/2020	19T26	NICOLLET AVE S	E 89TH ST														None					No
11/2/2020	24J01	OLD CEDAR AVE S	E OLD SHAKOPEE RD														None					No
11/2/2020	24K01-02	OLD CEDAR AVE S	E OLD SHAKOPEE RD														None					No
11/2/2020	85S10-1	OLD SHAKOPEE RD E															Cast iron					<Null>
11/2/2020	85S10-2	OLD SHAKOPEE RD E															Cast iron					<Null>
11/2/2020	06I16	PILLSBURY AVE S															None					No
11/2/2020	39G48	QUEEN AVE S	W OLD SHAKOPEE RD														None					No
11/2/2020	05X13	RAILROAD	W 82ND ST														None					No
11/2/2020	06A13	RAILROAD	W 82ND ST														None					No
11/2/2020	06A13	RAILROAD	W 82ND ST														None					No
11/2/2020	06Y13-1	RAILROAD	W 86TH ST														None					No
11/2/2020	06Y13-2	RAILROAD	W 86TH ST														None					No
11/2/2020	19A13-1	RAILROAD	W 86TH ST														None					No
11/2/2020	19A13-2	RAILROAD	W 86TH ST														None					No
11/2/2020	19Y13-1	RAILROAD	W 90TH ST														None					No
11/2/2020	19Y13-2	RAILROAD	W 90TH ST														None					No
11/2/2020	20A13-1	RAILROAD	W 90TH ST														None					No
11/2/2020	20A13-2	RAILROAD	W 90TH ST														None					No
11/2/2020	24F05	SPRINGSIDE LANE	E OLD SHAKOPEE RD														None					No
11/2/2020	24F06	SPRINGSIDE LANE	E OLD SHAKOPEE RD														None					No
11/2/2020	19M32	STEVENS AVE S	E 88TH ST														None					No
11/2/2020	19M33	STEVENS AVE S	E 88TH ST														None					No
11/2/2020	39C36	UPTON PLACE	UPTON PLACE														None					No
11/2/2020	39G26	XERXES AVE S	CANTERBURY DR														None					No
11/2/2020	39H26	XERXES AVE S	CANTERBURY DR														None					No
11/2/2020	39J26-1	XERXES AVE S	RAILROAD														None					No
11/2/2020	39J26-2	XERXES AVE S	RAILROAD														None					No
11/2/2020	39J27-1	XERXES AVE S	RAILROAD														None					No
11/2/2020	39J27-2	XERXES AVE S	RAILROAD														None					No
11/2/2020	39U27	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No

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11/2/2020	39V26-1	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	39V26-2	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	39V26-3	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	39V26-4	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	39V27	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	39W26	XERXES AVE S	W OLD SHAKOPEE RD														Cast iron					No
11/2/2020	04N48		E 84TH ST														None					No
11/2/2020	19M45-2		E 88TH ST														Tyned					No
11/2/2020	002K7		E SERVICE RD														None					No
11/2/2020	002L7		E SERVICE RD														None					No
11/2/2020	19M40		E88TH ST														Tyned					No
11/2/2020	19M45-1		E88TH ST														Tyned					No
11/2/2020	42G19		JAMES RD														None					No
11/2/2020	41Y46		W 106TH ST														Cast iron					No
11/2/2020	42A46		W 106TH ST																			No
11/2/2020	53M17-1		W 112TH ST														Exposed aggregate					No
11/2/2020	53M17-2		W 112TH ST														Exposed aggregate					No
11/2/2020	53M19-1		W 112TH ST														Exposed aggregate					No
11/2/2020	53M19-2		W 112TH ST														Exposed aggregate					No
11/2/2020	53M23-1		W 112TH ST														Tyned					No
11/2/2020	53M23-2		W 112TH ST														Tyned					No
11/2/2020	39F50		W OLD SHAKOPEE RD														Cast iron					No
11/1/2020	22M19	10TH AVE S	E 92ND ST														None					No
11/1/2020	27C27	12TH AVE S															None					No
11/1/2020	22P48	17TH AVE S	E OLD SHAKOPEE														None					No
11/1/2020	22Q47	17TH AVE S	E OLD SHAKOPEE														None					No
11/1/2020	18U45	BRYANT AVE S															None					No
11/1/2020	072F9	CAVELL	W 107TH														None					No
11/1/2020	034W1-1	FRANCE AVE	W 101 1/2 ST														None					No
11/1/2020	010F1-1	FRANCE AVE	W 83RD ST														Exposed aggregate					No
11/1/2020	010F1-2	FRANCE AVE	W 83RD ST														Exposed aggregate					No
11/1/2020	039T1-1	FRANCE AVE S	RAILROAD														Other					No
11/1/2020	039T1-2	FRANCE AVE S	RAILROAD														Other					No
11/1/2020	13U45	HARRISON RD	W 90TH ST														None					No
11/1/2020	72A46	LANDAU DR	W 106TH ST														None					No
11/1/2020	72A47	LANDAU DR	W 106TH ST														None					No
11/1/2020	029G1-1	LYNDALE AVE	RAILROAD														None					No
11/1/2020	029G1-2	LYNDALE AVE	RAILROAD														None					No
11/1/2020	31G51	LYNDALE AVE	RAILROAD														None					No
11/1/2020	31H51-2	LYNDALE AVE	RAILROAD														None					No
11/1/2020	75A35-1	NESBITT AVE S	BRAEWOOD CIR														Tyned					No
11/1/2020	75A35-2	NESBITT AVE S	BRAEWOOD CIR														Tyned					No
11/1/2020	75T24	NORMANDALE BLVD	W 106TH ST														None					No
11/1/2020	75T25	NORMANDALE BLVD	W 106TH ST														None					No
11/1/2020	11S25	OXBOROUGH AVE	W 81ST ST														None					No
11/1/2020	11T25	OXBOROUGH AVE	W 81ST ST														None					No
11/1/2020	032P1	PENN AVE S	MAPLE AVE S														None					No
11/1/2020	32Q01	PENN AVE S	MAPLE AVE S														None					No
11/1/2020	032W1	PENN AVE S	RAILROAD														Other					No
11/1/2020	032X1	PENN AVE S	RAILROAD														Other					No

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11/1/2020	34X52-1	PENN AVE S	RAILROAD														Other					No
11/1/2020	34X52-2	PENN AVE S	RAILROAD														Other					No
11/1/2020	22N01	PORTLAND AVE S	E 92ND ST														None					No
11/1/2020	22S01	PORTLAND AVE S	E 93RD ST														None					No
11/1/2020	19P51	PORTLAND AVE S															None					No
11/1/2020	19Q51	PORTLAND AVE S															None					No
11/1/2020	19U51-1	PORTLAND AVE S															None					No
11/1/2020	19U51-2	PORTLAND AVE S															None					No
11/1/2020	34Y50-1	RAILROAD	W 102ND ST														None					No
11/1/2020	34Y50-2	RAILROAD	W 102ND ST														None					No
11/1/2020	39A49-2	RAILROAD	W 102ND ST														None					No
11/1/2020	39A49-3	RAILROAD	W 102ND ST														None					No
11/1/2020	032Q9-1	RAILROAD	W OLD SHAKOPEE														None					No
11/1/2020	032Q9-2	RAILROAD	W OLD SHAKOPEE														None					No
11/1/2020	74L34-1	RAILROAD	W OLD SHAKOPEE														None					No
11/1/2020	74L34-2	RAILROAD	W OLD SHAKOPEE														None					No
11/1/2020	74N34-1	RAILROAD	W OLD SHAKOPEE														Other					No
11/1/2020	74N34-2	RAILROAD	W OLD SHAKOPEE														Other					No
11/1/2020	79K42	RHODE ISLAND AVE	W 112TH ST														Tyned					No
11/1/2020	79B45	RHODE ISLAND AVE S	W 111TH ST														None					No
11/1/2020	79A40-1	SUMTER AVE S	W 111TH ST														None					No
11/1/2020	79A40-2	SUMTER AVE S	W 111TH ST														None					No
11/1/2020	39S32	VINCENT AVE S	W OLD SHAKOPEE RD														None					No
11/1/2020	11F52	W 78TH ST															None					No
11/1/2020	41G43	W BLOOMINGTON FWY	DEVONSHIRE RD														Tyned					No
11/1/2020	41H43	W BLOOMINGTON FWY	DEVONSHIRE RD														Tyned					No
11/1/2020	75I19	XAVIER AVE S	VESSY RD														None					No
11/1/2020	75H24	XAVIER RD															None					No
11/1/2020	79C27	XYLON AVE S	W 110TH ST														None					No
11/1/2020	79C28	XYLON AVE S	W 110TH ST														None					No
11/1/2020	70S29	YUKON AVE S	W 101st St														None					No
11/1/2020	79C23	YUKON CIR	W 110TH ST														Tyned					No
11/1/2020	75D18-1	ZION AVE S	VESSY RD														None					No
11/1/2020	75D18-2	ZION AVE S	VESSY RD														None					No
11/1/2020	75D16	ZION AVE S															None					No
11/1/2020	11P39		AMERICAN BLVD W														None					No
11/1/2020	11P40		AMERICAN BLVD W														Cast iron	No, more than 3" Gap				No
11/1/2020	70W23		W 102ND														None					No
11/1/2020	79C24		W 110TH ST														Tyned					No
11/1/2020	79A44		W 111TH ST														None					No
11/1/2020	39G50		W OLD SHAKOPEE RD														None					No
11/1/2020	75B27		YOSEMITE RD														Tyned					No
10/31/2020	075P1	BERKSHIRE RD	W 102ND														Tyned					No
10/31/2020	075Q1	BERKSHIRE RD	W 102ND ST														Tyned					No
10/31/2020	47A44-2	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
10/31/2020	47A44-3	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
10/31/2020	47A44-5	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
10/31/2020	57A45-1	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
10/31/2020	57A45-2	E BUSH LAKE RD	W 78TH ST														Exposed aggregate					No
10/31/2020	47A44-4	E BUSH LAKE RD	W78TH ST														Exposed aggregate					No

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10/31/2020	6.60E+19	HYLAND COURTS DRIVE															Exposed aggregate					No
10/31/2020	66D17	HYLAND COURTS DRIVE															Exposed aggregate					No
10/31/2020	66D17-01	HYLAND COURTS DRIVE															Exposed aggregate					No
10/31/2020	66D18	HYLAND COURTS DRIVE															Exposed aggregate					No
10/31/2020	56C18-1	NORMAN CREEK TRAIL	AMERICAN BLVD W														Tyned					<Null>
10/31/2020	56C18-2	NORMAN CREEK TRAIL	AMERICAN BLVD W														Tyned					<Null>
10/31/2020	56D18	NORMAN CREEK TRAIL	AMERICAN BLVD W														Tyned					<Null>
10/31/2020	56D23-1	NORMAN CREEK TRAIL															None					No
10/31/2020	56D23-2	NORMAN CREEK TRAIL															None					No
10/31/2020	65A36	NORMAN RIDGE DR															None					No
10/31/2020	66T35	NORMAN DALE BLVD	HYLAND GREENS DRIVE														Concrete					No
10/31/2020	056H3-1	PICTURE DR	W 78TH ST														Tyned					No
10/31/2020	056H3-2	PICTURE DR	W 78TH ST														Tyned					No
10/31/2020	056Q6	PICTURE DR	W 78TH ST														None					No
10/31/2020	56G03	PICTURE DR	W 78TH ST														Tyned					No
10/31/2020	56P06	PICTURE DR	W 78TH ST														Tyned					No
10/31/2020	056H2	PICTURE DR	W78TH ST														Tyned					No
10/31/2020	58C39-1	RAILROAD	W 84TH ST														None					No
10/31/2020	58C39-2	RAILROAD	W 84TH ST														None					No
10/31/2020	58D39-1	RAILROAD	W 84TH ST														None					No
10/31/2020	58D39-2	RAILROAD	W 84TH ST														None					No
10/31/2020	59I41-1	W BUSH LAKE RD	TELEGRAPH RD		MnDOT 169-494												Colored concrete					No
10/31/2020	59I41-2	W BUSH LAKE RD	TELEGRAPH RD		MnDOT 169-494												Colored concrete					No
10/31/2020	59I41-3	W BUSH LAKE RD	TELEGRAPH RD		MnDOT 169-494												Colored concrete					No
10/31/2020	66F17		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66H17		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66H18		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66I17		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66I18		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66J17		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66J18		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66K18		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66L19		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66M19		HYLAND COURTS DRIVE														Exposed aggregate					No
10/31/2020	66S35-01		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	66S35-02		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	66S35-03		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	66T36-01		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	66T36-02		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	66T36-03		HYLAND GREENS DRIVE														Tyned					No
10/31/2020	056H3-3		W 78TH ST														Exposed aggregate					No
10/31/2020	056M4-1		W 78TH ST														None					No
10/15/2020	31A20E	JAMES AVE S	W 94th St	One-Way Directional	2019-102	7.8	7.6	0.4	1.2	No, write	8.0	0.6	1.6	3.6	2.7	0.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	31A20N	JAMES AVE S	W 94TH ST	One-Way Directional	2019-102	7.5	8	2.0	0.7	No, write	0.5	1.6	2.3	4.8	1.1	5.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	18Z19-01	JAMES AVE S	W 94th St	One-Way Directional	2019-102	6.4	7	0.3	1.1	Yes	5.8	0.2	2.1	4.1	0.9	5.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	18Z19-02	JAMES AVE S	W 94th St	One-Way Directional	2019-102	6	6.4	0.1	0.1	Yes	7.0	0.2	0.2	3.3	0.9	2.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	18Z20-01	JAMES AVE S	W 94th St	One-Way Directional	2019-102	7	7	1.2	0.4	Yes	5.0	0.3	1.4	3.3	0.7	3.9	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	18Z20-02	JAMES AVE S	W 94TH ST	One-Way Directional	2019-102	7	10	0.3	0.6	Yes	5.5	0.4	0.8	1.6	0.1	7.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	31A21N	JAMES AVE S	W 94TH ST	One-Way Directional	2019-102	8.7	7	0.1	0.8	Yes	2.0	0.9	1.5	1.5	1.3	4.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	31A21W	JAMES AVE S	W 94th St	One-Way Directional	2019-102	9.7	7	1.6	0.1	Yes	0.8	1.4	0.8	1.3	1.1	0.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/15/2020	31A21E	JAMES AVE S	W 94th St	One-Way Directional	2019-102	9	7.3	0.7	1.9	Yes	7.3	1.6	2.2	1.0	2.4	0.1	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/15/2020	31A21S	JAMES AVE S	W 94th St	One-Way Directional	2019-102	6.2	6.4	0.6	1.8		6.0	0.8	1.2	0.4	1.7	4.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2020	63A01-01	LAKEVIEW RD	W 86TH ST	One-Way Directional	2019-102	5	5	1.5	2.4		3.1	1.7	1.4	2.6	0.5	0.9	Cast iron	No, more than 3"	Yes	Yes	No, reco	Yes
10/8/2020	58Z01-01	LAKEVIEW RD	W 86th St	Parallel	2019-102					Yes	1.3	1.4	2.8	2.0	2.1	2.6	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2020	61A50-01	LAKEVIEW RD	W 86TH ST	One-Way Directional	2019-102	5	5	4.3	0.1	Yes	0.2	1.5	0.1	0.2	0.9	4.5	Cast iron	No, more	Yes	Yes	No, reco	No
10/8/2020	61A47-01	PINE HILL RD	W 86th St	One-Way Directional	2019-102	5	5	0.1	2.1	Yes	6.7	1.0	1.9	0.3	1.3	1.6	Cast iron	Yes, less	Yes	Yes	Yes	No
10/8/2020	61A46-01	PINE HILL RD	W 86th St	One-Way Directional	2019-102	5	5	3.3	1.5	Yes	0.2	0.3	0.4	3.6	0.6	6.0	Cast iron	No, more	Yes	Yes	No, reco	No
10/8/2020	61A39-01	TEXAS AVE S	W 86TH ST	One-Way Directional	2019-102	4.9	5	0.9	0.1	Yes	0.6	1.1	0.5	4.1	0.1	9.5	Cast iron	Yes, less	Yes	Yes	No, write	Yes
10/8/2020	61A38-01	TEXAS AVE S	W 86th St	Depressed Corner	2019-102	5	6	0.0	7.4	No, write	0.3	1.8	2.0	1.8	2.4	2.1	Cast iron	Yes, less than 3" G	Yes	Yes	Yes	Yes
10/8/2020	60Z38-01	TEXAS AVE S	W 86th St	Parallel	2019-102					Yes	1.8	1.9	1.3	2.0	2.5	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
10/8/2020	60Y29-02	W BUSH LAKE RD	W 86th st	Diagonal	2019-102	8.5	7.8	0.4	1.2	Yes	5.9	1.8	2.5	1.0	1.8	0.6	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2020	60Y29-01	W BUSH LAKE RD	W 86th st	One-Way Directional	2019-102	4	4	2.6	4.0		4.0	1.5	0.8	0.9	0.4	0.6	Cast iron	No, more	Yes	Yes	Yes	Yes
10/8/2020	60Z28-02	W BUSH LAKE RD	W 86th st	One-Way Directional	2019-102	4	4	2.0	4.2		3.8	1.5	1.0	2.6	0.7	0.3	Cast iron	No, more	Yes	Yes	Yes	Yes
10/6/2020	18J30	E Bloomington Fwy	W 92nd St	One-Way Directional													None					No
10/6/2020	18J30-01	E Bloomington Fwy	W 92nd St	One-Way Directional													None					No
10/6/2020	18J30-02	E Bloomington Fwy	W 92nd St	One-Way Directional													None					No
10/6/2020	18K30	E Bloomington Fwy	W 92nd St	One-Way Directional													None					No
10/6/2020	18K31	E Bloomington Fwy	W 92nd St	One-Way Directional													None					No
10/6/2020	42A47	I-35W NB RAMP	W 106th St																			No
10/6/2020	41Z51	LYNDALE AVE S	W 106th St																			No
10/6/2020	41Z52-01	LYNDALE AVE S	W 106th St																			No
10/6/2020	41Z52-02	LYNDALE AVE S	W 106th St																			No
10/6/2020	42A51	LYNDALE AVE S	W 106th St																			No
10/6/2020	42A52	LYNDALE AVE S	W 106th St														Cast iron					No
10/6/2020	44A01	LYNDALE AVE S	W 106th St														Cast iron					No
10/6/2020	18Z29-01	W BLOOMINGTON FWY	W 94th St	Perpendicular	2019-102												Cast iron	No, more	Yes			Yes
10/6/2020	30A30N	W BLOOMINGTON FWY	W 94th St	Perpendicular	2019-102	6	6	1.1	3.0		5.0	0.0	1.8	0.1	1.8	4.8	Cast iron	No, more	Yes			Yes
9/11/2020	37R49-01	FRANCE AVE S	HERITAGE HILLS DR	One-Way Directional	2019-201				0.5		0.9	1.5	1.4	1.4	3.6		Cast iron	Yes, less	Yes			Yes
9/11/2020	37R52-01	FRANCE AVE S	HERITAGE HILLS DR	One-Way Directional	2019-201				0.4		7.8	1.6	1.7	1.1	0.9		Cast iron	Yes, less	Yes			Yes
9/11/2020	36G50-01	FRANCE AVE S	PEBBLEBROOK DR	One-Way Directional	2019-201				2.0		2.5	1.5	0.7	0.2	1.7		Cast iron	Yes, less	Yes			Yes
9/11/2020	36H50-01	FRANCE AVE S	PEBBLEBROOK DR	One-Way Directional	2019-201				1.3		5.3	0.5	1.4	1.6	2.9		Cast iron	Yes, less	Yes			Yes
9/11/2020	37T51-01	FRANCE AVE S	RAILROAD	One-Way Directional	2019-201				0.8		0.8	1.1					Cast iron	Yes, less	Yes			Yes
9/11/2020	37T51-02	FRANCE AVE S	RAILROAD	One-Way Directional	2019-201				0.3		1.1	0.3					Cast iron	Yes, less	Yes			Yes
9/11/2020	37Z52	FRANCE AVE S	Valley West Cub	One-Way Directional	2019-201				1.3		2.7	0.7	0.4	2.0	2.1		Cast iron	Yes, less	Yes			Yes
9/11/2020	38A52	FRANCE AVE S	Valley West Cub	One-Way Directional	2019-201				0.2		4.0	0.8	1.0	1.2	1.5		Cast iron	Yes, less	Yes			Yes
9/11/2020	36Z53-01	FRANCE AVE S	W 102nd St	One-Way Directional	2019-201				0.3		7.1	1.7	1.1	3.2	2.1		Cast iron	Yes, less	Yes			Yes
9/11/2020	37A53-01	FRANCE AVE S	W 102nd St	One-Way Directional	2019-201				1.6		7.1	0.9	1.6	1.0	0.6		Cast iron	Yes, less	Yes			Yes
9/11/2020	37A53-02	FRANCE AVE S	W 102nd St	One-Way Directional	2019-201				1.3		5.7	1.3	1.5	4.9	0.4		Cast iron	Yes, less	Yes			Yes
9/11/2020	37A53-03	FRANCE AVE S	W 102nd St	One-Way Directional	2019-201				1.1		7.5	1.9	1.4	0.4	1.4		Cast iron	Yes, less	Yes			Yes
9/8/2020	37R52-02	FRANCE AVE S	HERITAGE HILLS DR	One-Way Directional	2019-201				1.8		0.4	0.9	1.2	1.2	3.3		Cast iron	Yes, less	Yes			Yes
9/8/2020	12X53-01	FRANCE AVE S	IRWIN RD	One-Way Directional	2019-201				1.3		1.3	0.9	0.6	3.3	0.7		Cast iron	Yes, less	Yes			Yes
9/8/2020	12X53-02	FRANCE AVE S	IRWIN RD	One-Way Directional	2019-201				1.1		0.3	1.1	0.9	1.7	0.8		Cast iron	Yes, less	Yes			Yes
9/8/2020	12X53-03	FRANCE AVE S	IRWIN RD	One-Way Directional	2019-201				1.9		1.9	0.3	0.7	1.7	0.2		Cast iron	Yes, less	Yes			Yes
9/8/2020	12X53-04	FRANCE AVE S	IRWIN RD	One-Way Directional	2019-201				0.8		7.7	1.0	0.6	4.5	2.9		Cast iron	Yes, less	Yes			Yes
9/8/2020	12B53	FRANCE AVE S	POPLAR BRIDGE RD	One-Way Directional	2019-201				1.4		3.1	0.6	1.8	2.3	0.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	13A53	FRANCE AVE S	POPLAR BRIDGE RD	One-Way Directional	2019-201				0.4		0.8	0.3	1.3	3.0	2.6		Cast iron	Yes, less	Yes			Yes
9/8/2020	36J53-01	FRANCE AVE S	W 100th St	One-Way Directional	2019-201						3.6	1.4	1.1	0.9	1.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	36K53-01	FRANCE AVE S	W 100th St	One-Way Directional	2019-201						4.8	1.5	1.5	2.4	3.9		Cast iron	Yes, less	Yes			Yes
9/8/2020	12N53-01	FRANCE AVE S	W 84th St	One-Way Directional	2019-201				1.8		8.1	1.7	0.8	4.0	2.2		Cast iron	Yes, less than 3" Gap				Yes
9/8/2020	13U50-01 R	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				0.9		3.0	0.8	1.0	0.9	0.6		Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
9/8/2020	13U50-01 R	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				0.3		0.8	0.2	0.8	0.7	1.6		Cast iron	Yes, less	Yes			Yes
9/8/2020	13U50-01 R	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				0.2		3.3	0.9	0.4	0.3	0.3		Cast iron	Yes, less	Yes			Yes
9/8/2020	13V50-01	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				1.5		4.6	0.6	0.5	1.9	2.1		Cast iron	Yes, less	Yes			Yes
9/8/2020	13V50-02	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				0.2		0.4	0.4	1.0	2.4	1.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	13V50-02A	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				1.6		1.3	1.1	1.2	2.1	3.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	13V50-02B	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				1.0		1.0	0.5	0.9	0.3	1.2		Cast iron	Yes, less	Yes			Yes
9/8/2020	13W52-1	FRANCE AVE S	W 90th St	One-Way Directional	2019-201				0.5		4.2	1.4	0.7	1.0	1.6		Cast iron	Yes, less	Yes			Yes
9/8/2020	35A52-1	FRANCE AVE S	W 94th St	One-Way Directional	2019-201				1.4		1.8	0.5	0.6	2.1	1.4		Cast iron	Yes, less	Yes			Yes
9/8/2020	35A52-2	FRANCE AVE S	W 94th St	One-Way Directional	2019-201				0.9		1.9	0.6	0.8	2.0	1.2		Cast iron	Yes, less	Yes			Yes
9/8/2020	35V53-01	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				0.9		0.9	0.4	0.9	2.3	1.4		Cast iron	Yes, less	Yes			Yes
9/8/2020	35V53-03	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				1.9		1.1	0.7	0.7	0.2	1.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	35V53-04	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				1.2		2.4	0.7	1.2	1.8	1.2		Cast iron	Yes, less	Yes			Yes
9/8/2020	35W53-02	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				1.0		6.0	0.2	1.8	0.8	1.9		Cast iron	Yes, less	Yes			Yes
9/8/2020	35W53-03	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				0.6		0.5	0.6	1.5	0.2	1.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	35W53-04	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				1.4		4.5	0.7	0.3	1.0	0.5		Cast iron	Yes, less	Yes			Yes
9/8/2020	35X53-1	FRANCE AVE S	W 98th St	One-Way Directional	2019-201				1.1		5.0	1.7	1.0	0.5	1.9		Cast iron	Yes, less	Yes			Yes
2/24/2020	07K20		AMERICAN BLVD W	One-Way Directional		5	8	3.0	0.5		0.5	5.1	5.8	2.3	5.5	2.0	None					No
2/24/2020	07K21		AMERICAN BLVD W	One-Way Directional		6.5	8	5.7	2.1		6.7	7.0	0.7	0.7	2.8	1.5	None					No
2/24/2020	07L20		AMERICAN BLVD W	One-Way Directional		8	8	3.8	2.8		2.5	5.8	5.6	3.8	6.0	0.3	None					No
2/24/2020	07L21		AMERICAN BLVD W	One-Way Directional		8	8	4.2	3.6		3.0	4.4	2.0	0.6	3.3	0.6	None					No
2/24/2020	02L27-01	24TH AVE S	E OLD SHAKOPEE RD		2014-102	5	8	0.4	1.9		5.5	0.7	0.2	0.7	0.0	1.7	Cast iron	Yes, less	Yes			Yes
2/24/2020	01L39-02	28TH AVE S	AMERICAN BLVD E	Combined Directional	2018-102	5	7	0.6	0.0		0.1	0.5	0.4	1.4	1.3	2.4	Cast iron	Yes, less	Yes			Yes
2/24/2020	41C26	HUMBOLDT AVE S	HUMBOLDT CIR	One-Way Directional	2008-102	6	5	2.4	7.3		7.5	1.8	3.4	8.0	4.5	0.8	Cast iron	No, more	Yes, 5' or less from BOC			No
2/24/2020	41D26	HUMBOLDT AVE S	HUMBOLDT CIR	One-Way Directional	2008-102	7	5	2.8	0.2		1.7	1.9	1.6	9.8	3.1	3.8	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
2/24/2020	41G26	HUMBOLDT AVE S	HUMBOLDT CIR	One-Way Directional	2008-102	6	5	4.3	2.3		2.2	4.6	0.1	4.2	0.6	5.5	Cast iron	Yes, less	Yes			No
2/24/2020	41H26	HUMBOLDT AVE S	HUMBOLDT CIR	One-Way Directional	2008-102	5	5	2.6	2.0		0.1	2.8	0.3	9.1	2.2	2.5	Cast iron	Yes, less	Yes			No
2/24/2020	41K26-01	HUMBOLDT AVE S	Oak Grove Circle	One-Way Directional	2008-102	5	4	0.2	1.4		4.2	0.0	1.2	8.6	2.7	3.5	Cast iron	No, more	Yes			No
2/24/2020	41K26-02	HUMBOLDT AVE S	Oak Grove Circle		2008-102	5	5	3.4	3.1		6.2	0.9	3.6	9.5	5.2	6.3	Cast iron	No, more	Yes			No
2/24/2020	30P51	PORTLAND AVE S	LAYMAN LN	One-Way Directional	2010-102	5	4	4.9	1.1		1.2	5.3	0.4	7.2	0.3	4.7	Cast iron	No, more	Yes			No
2/24/2020	07M49-02	QUEEN AVE S	AMERICAN BLVD W	One-Way Directional		5	4	0.0	4.6		7.9	4.7	2.5	3.4	2.1	1.3	Tyned					No
11/19/2019	41M38	DEVONSHIRE	W 104TH ST	One-Way Directional	2017-102												Tyned	Yes, less	than 3" Gap			No
11/7/2019	41Z44-02	I-35W SB RAMP	W 106TH ST	One-Way Directional																		No
11/7/2019	42A44-01	I-35W SB RAMP	W 106TH ST	One-Way Directional													Cast iron	Yes, less	Yes			No
11/6/2019	18K20-01	JAMES AVE S	W 92ND ST	One-Way Directional	2018-101	6.1	5	1.2	0.4		1.1	0.5	0.4	0.9	0.9	3.6	Cast iron	Yes, less	than 3" Gap	Yes	Yes	Yes
11/6/2019	18K20-02	JAMES AVE S	W 92ND ST	One-Way Directional	2019-102	5.1	5.1	0.8	1.0		3.2	0.5	1.3	1.4	0.4	3.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
11/5/2019	32G46	E Bloomington Fwy	W 99th St	Combined Directional	2018-201	5.9	8.6	0.1	0.4		2.0	0.8	0.9	1.9	1.1	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
8/23/2019	19Z19	WENTWORTH AVE S	W 90TH ST	One-Way Directional	2015-101	6	4.5	1.4	1.3		4.3	1.0	0.9	3.2	2.2	3.8	Cast iron	No, more	Yes			No
8/23/2019	19Z20	WENTWORTH AVE S	W 90TH ST	One-Way Directional	2015-101	5	4.5	1.3	0.4		5.7	1.6	3.6	1.6	2.9	3.4	Cast iron	No, more	Yes			Yes
8/19/2019	29V22	BLAISDELL AVE S	W 97TH ST	One-Way Directional	2009-102	5	5	2.6	1.6		2.2	0.7	3.0	3.9	3.0	5.6	Cast iron	Yes, less	Yes			Yes
8/19/2019	30Z26	NICOLLET AVE S	W 102ND ST	Depressed Corner	2015-102	4	4	0.1	1.3		5.1	0.3	2.1	0.0	0.1	4.0	Cast iron	Yes, less	than 3" Gap			Yes
8/19/2019	43A25-01	NICOLLET AVE S	W 102ND ST	One-Way Directional	2015-102	5	5	0.5	0.2		6.1	2.7	0.8	1.0	0.5	7.5	Cast iron	Yes, less	Yes			No
8/19/2019	43A26-01	NICOLLET AVE S	W 102ND ST	One-Way Directional	2015-102	4	5	2.0	1.8		5.5	1.3	0.1	6.0	0.5	0.6	Cast iron	Yes, less	Yes			Yes
8/19/2019	29Y19	WENTWORTH AVE S	W OLD SHAKOPEE RD	One-Way Directional	COUNTY	5	5	4.9	0.4		15.3	3.5	4.5	6.0	4.0	0.9	Exposed aggregate	Yes, less	than 3" Gap			No
8/19/2019	29Y20	WENTWORTH AVE S	W OLD SHAKOPEE RD	One-Way Directional	COUNTY	5	5	3.1	0.1		16.7	0.2	3.4	7.4	2.7	2.3	Exposed aggregate	Yes, less	than 3" Gap			No
8/16/2019	27M01-01	PORTLAND AVE S	E 96TH ST	One-Way Directional	2009-101	6	4	3.7	1.5		2.0	3.3	1.4	8.3	0.9	5.4	Cast iron	Yes, less	Yes			No
8/16/2019	27N01-02	PORTLAND AVE S	E 96TH ST	One-Way Directional	2009-101	6	4	1.9	0.3		3.2	0.1	1.0	9.3	1.0	2.6	Cast iron	Yes, less	Yes			Yes
8/8/2019	02K16	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	5	6	0.7	1.8		4.6	0.4	0.5	5.6	0.3	4.7	Cast iron	Yes, less	Yes			Yes
8/8/2019	02L15	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	5	5	1.3	1.6		7.2	0.7	1.2	3.2	1.1	2.0	Cast iron	Yes, less	Yes			Yes
8/8/2019	02L16	22ND AVE S	SOUTH SERVICE RD		2014-102	0.8			1.9				0.9	3.6	0.6	0.4	Cast iron					Yes
8/8/2019	02L17	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	5	8	1.4	0.2		3.2	0.8	2.9	4.9	1.6	2.6	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/8/2019	02L18-01	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	5	5	0.0	0.1		6.0	0.1	0.2	2.4	0.5	1.1	Cast iron	Yes, less	Yes			Yes
8/8/2019	02L18-02	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	5	6	0.6	1.1		7.6	0.0	1.2	0.1	5.6	2.5	Cast iron	Yes, less	Yes			Yes
8/8/2019	02M18	22ND AVE S	SOUTH SERVICE RD	Perpendicular	2009-202	6	5	1.0	1.3		6.3	0.5	0.6	4.0	0.9	1.2	Cast iron	Yes, less	Yes			Yes
8/8/2019	02J27	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102	8	12	0.8	5.1		5.9	1.6	0.2	4.6			Cast iron	Yes, less	Yes			No
8/8/2019	02K27-01	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-102	6	4	1.9	5.0		7.3	0.2	0.2	9.1	0.1	1.4	Cast iron	Yes, less	Yes			No
8/8/2019	02K27-02	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-102	5	4	1.9	5.0		7.6	1.1	0.9	3.4			Cast iron	Yes, less	Yes			No
8/8/2019	02L27-02	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-102	4	8	1.3	1.7		4.7	0.7	0.5	1.9	0.5	2.7	Cast iron	Yes, less	Yes			Yes
8/8/2019	02M27	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-102	6	5	0.4	0.2		6.7	1.3	1.0	2.2	0.0	4.6	Cast iron	Yes, less	Yes			Yes
8/7/2019	06L12	RAILROAD	W 84TH ST	One-Way Directional	2015-101	5	6	0.4	0.7		1.0	1.5					Cast iron	Yes, less	Yes			Yes
8/7/2019	06L13	RAILROAD	W 84TH ST	One-Way Directional	2015-101	4	6	1.3	1.9		0.7	0.9					Cast iron	Yes, less	Yes			Yes
8/7/2019	06M12	RAILROAD	W 84TH ST	One-Way Directional	2015-101	5	6	0.2	0.7		0.7	0.0					Cast iron	Yes, less	Yes			Yes
8/7/2019	06M13	RAILROAD	W 84TH ST	One-Way Directional	2015-101	6	5	1.9	2.0		5.9	0.8					Cast iron	Yes, less	Yes			Yes
8/6/2019	01W46	30TH AVE S		One-Way Directional	2014-303	7	9	0.7	1.2		10.4	0.5	0.2	4.4	0.2	0.9	Cast iron	Yes, less	Yes			No
8/6/2019	01W47	30TH AVE S		One-Way Directional	2014-303	8	8	1.8	0.8		6.9	0.3	0.7	5.0	0.6	2.3	Cast iron	Yes, less	Yes			Yes
8/6/2019	01X47	30TH AVE S		One-Way Directional	2014-303	5	5	2.0	1.0		6.7	0.5	0.5	2.8	0.9	1.9	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
8/6/2019	02A47	30TH AVE S		One-Way Directional	2014-303	5	5	0.9	2.0		4.1	1.1	1.4	0.2	1.5	1.9	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
8/6/2019	2.00E+47	30TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-303	4	8	0.0	1.3		8.2	1.2	0.7	3.2	0.9	1.5	Cast iron	Yes, less	Yes			Yes
8/6/2019	02D47	30TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-303	8	8	0.1	2.0		4.3	0.6	1.0	3.8	0.6	2.5	Cast iron	Yes, less	Yes			Yes
8/6/2019	33I52	PENN AVE S	PENN CIR	Parallel	2013-102	5	4	4.5	0.5		5.9	6.7	1.4	8.8	2.2	3.9	Cast iron	No, more	Yes			No
8/6/2019	33J52	PENN AVE S	PENN CIR	Parallel	2013-102	5	4.5	4.5	1.2		4.4	2.2	1.4	8.1	1.4	5.1	Cast iron	No, more	Yes			No
8/6/2019	3.30E+53	PENN AVE S	W 95TH ST	Parallel	2013-102	5	4.5	3.9	0.4		9.3	4.6	0.5	0.2	1.4	1.2	Cast iron	No, more	Yes			No
8/5/2019	18A15	KNOX AVE S	W 90TH ST	One-Way Directional	2018-101	5	5	1.9	1.7		4.4	1.4	1.5	2.1	0.4	1.4	Cast iron	Yes, less	Yes			Yes
8/5/2019	18A16	KNOX AVE S	W 90TH ST	One-Way Directional	2018-101	5	5	2.5	1.2		6.2	1.2	0.4	0.6	0.2	1.6	Cast iron	Yes, less	Yes			No
8/5/2019	23K01	OLD CEDAR AVE S		Perpendicular	2017-802	8.5	8	0.6	2.0		4.9	1.2	0.8	2.0	0.3	2.9	Cast iron	Yes, less	Yes			Yes
8/5/2019	21A51	OLD CEDAR AVE S	E 86TH ST	Combined Directional	2017-802	6.5	7	0.6	1.6		6.3	2.0	2.0	1.1	1.1	1.5	Cast iron	Yes, less	Yes			Yes
8/5/2019	21A52	OLD CEDAR AVE S	E 86TH ST	Combined Directional	2017-802	5	6	0.8	0.9		7.0	0.5	1.3	0.8	1.4	0.8	Cast iron	Yes, less	Yes			Yes
8/5/2019	21S51	OLD CEDAR AVE S	E 89TH ST	Parallel	2017-802	5	8	0.2	1.5		7.8	0.1	0.3	0.9	0.2	0.4	Cast iron	Yes, less	Yes			Yes
8/5/2019	21T51	OLD CEDAR AVE S	E 89TH ST	Parallel	2017-802						1.1	0.4	1.6	1.6	1.3	0.9	Cast iron	Yes, less	Yes			Yes
8/5/2019	21F52	OLD CEDAR AVE S	W 87TH ST	Depressed Corner	2017-802						0.4	1.2	1.1	0.1	1.1	1.0	Cast iron	Yes, less	Yes			Yes
8/5/2019	21G52	OLD CEDAR AVE S	W 87TH ST	Depressed Corner	2017-802						0.3	1.3	1.5	1.6	1.0	2.0	Cast iron	Yes, less	Yes			Yes
8/5/2019	21K51	OLD CEDAR AVE S		Perpendicular	2017-802	5	7	0.7	1.5		6.3	0.4	0.4	1.5	0.0	2.6	Cast iron	Yes, less	Yes			Yes
8/2/2019	41M27	HUMBOLDT AVE S	W 104TH ST		2017-102	4.5	4	0.9	5.0		3.3	1.1	4.5	9.2	3.7	1.2	Cast iron	Yes, less	Yes			Yes
8/2/2019	41N26	HUMBOLDT AVE S	W 104TH ST	Perpendicular	2008-102	4	6	0.4	1.4		4.2	0.3	0.5	4.1	0.6	5.6	Cast iron	Yes, less	Yes			Yes
8/2/2019	41N27	HUMBOLDT AVE S	W 104TH ST	Combined Directional	2017-102						7.0	2.9	3.9	8.2	3.1	6.0	Cast iron	No, more	Yes, 5' or less from BOC			No
8/2/2019	30M51-01	PORTLAND AVE S	E 100TH ST		2010-102	5	4	1.6	1.5		2.4	0.6	1.5	9.5	1.3	9.0	Cast iron	Yes, less	Yes			Yes
8/2/2019	30M52-02	PORTLAND AVE S	E 100TH ST	One-Way Directional	2010-102	4	5	0.4	2.4		3.8	1.0	2.8	3.9	5.0	4.8	Cast iron	Yes, less	Yes			Yes
8/2/2019	30T51-01	PORTLAND AVE S	E 101ST ST	One-Way Directional	2010-102	5	4	1.5	1.8		3.0	2.7	0.3	3.5	0.6	1.0	Cast iron	No, more	Yes			No
8/2/2019	30T51-02	PORTLAND AVE S	E 101ST ST	One-Way Directional	2010-102	5	4.5	0.2	2.0		2.8	0.7	0.2	1.3	1.2	3.4	Cast iron	No, more	Yes			No
8/2/2019	30Z51	PORTLAND AVE S	E 102ND ST	One-Way Directional	2008-102	6	5	0.6	1.4		8.3	2.0	1.7	0.6	1.4	5.6	Cast iron	Yes, less	Yes			Yes
8/2/2019	03Q51	PORTLAND AVE S	LAYMAN LN	One-Way Directional	2010-102	6	4	2.7	1.9		2.2	3.4	0.0	5.8	0.5	3.7	Cast iron	No, more	Yes			No
8/1/2019	33Y37	UPTON RD	W 98TH ST	One-Way Directional	2011-102	5	4	5.4	4.0		1.2	5.3	5.4	5.2	5.4	5.6	Cast iron	Yes, less	Yes			No
8/1/2019	33Z37	UPTON RD	W 98TH ST	One-Way Directional	2011-102	3.5	4.5	0.8	3.3		9.2	1.5	6.0	4.1	7.3	6.0	Cast iron	Yes, less	Yes			No
8/1/2019	33Z38	UPTON RD	W 98TH ST	One-Way Directional	2011-102	5	5	2.9	1.9		5.8	2.7	5.6	3.4	3.6	1.8	Cast iron	Yes, less	Yes			No
7/31/2019	39N42	SHERIDAN AVE S	W OLD SHAKOPEE RD	Parallel	2013-101	5	4	1.3	1.7		1.9	0.8	3.1	6.5	0.1	1.9	Cast iron	No, more	Yes			Yes
7/31/2019	39O42	SHERIDAN AVE S	W OLD SHAKOPEE RD	Parallel	2013-101	5	4	2.3	6.5		6.3	2.6	5.1	4.9	5.3	1.8	Cast iron	No, more	Yes			No
7/31/2019	39Q39	THOMAS AVE S	W OLD SHAKOPEE RD	Parallel	2013-101	5	4	0.8	1.8		3.4	1.2	8.2	5.7	8.5	2.0	Cast iron	No, more	Yes			No
7/31/2019	39Q40	THOMAS AVE S	W OLD SHAKOPEE RD	Parallel	2013-101	5	4	0.1	1.5		0.2	1.2	3.3	6.0	6.3	3.4	Cast iron	No, more	Yes			No
7/30/2019	07K06-01	NEWTON AVE S	AMERICAN BLVD W	Parallel	2002-203	5	8	3.1	0.4		4.5	2.5	0.6	3.5	1.4	0.0	Colored concrete	Yes, less	Yes			No
7/30/2019	07K06-02	NEWTON AVE S	AMERICAN BLVD W	Parallel	2002-203	4	8	3.0	0.7		6.6	3.1	2.7	4.6	1.8	0.3	Colored concrete	Yes, less	Yes			No
7/29/2019	22A19	10TH AVE S	E 90TH ST	One-Way Directional	2011-101	5.5	4	3.1	2.1		3.0	1.6	1.9	6.1	0.7	3.1	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/29/2019	3Z42	16TH AVE S	E 82ND ST	One-Way Directional	2018-101	6	6	1.6	4.1		9.2	0.5	0.7	1.6	1.5	3.0	Cast iron	Yes, less	Yes			No
7/29/2019	3Z43	16TH AVE S	E 82ND ST	One-Way Directional	2018-101	7	5	1.3	0.4		9.5	1.1	1.1	2.1	2.0	0.2	Cast iron	Yes, less	Yes			No
7/29/2019	31Y49	ALDRICH AVE S	W 98TH ST		SP 2782-22	7	4	0.2	3.2		5.7	1.8	0.5	6.4	0.9	2.6	Cast iron	Yes, less	than 3" Gap			No
7/29/2019	34Y48	ALDRICH AVE S	W OLD SHAKOPEE RD	Parallel		5	5.4	1.3	0.8		9.2	0.4	1.6	1.4	0.5	2.7	None					No
7/29/2019	66N25	BRIAR RD	W 98TH ST	One-Way Directional	2016-102	6	5	1.7	9.9		5.9	1.7	0.5	9.0	0.2	2.3	Cast iron	Yes, less	Yes			No
7/29/2019	4N10-1	COLUMBUS AVE S	E 84TH ST	Combined Directional	2018-101						0.3	0.9	0.8	8.4	2.4	3.2	Cast iron	Yes, less	Yes			Yes
7/29/2019	4N9-1	COLUMBUS AVE S	E 84TH ST	One-Way Directional	2018-101	5	4	0.1	1.4		7.6	1.7	0.8	6.9	1.9	2.0	Cast iron	Yes, less	Yes			Yes
7/29/2019	29Z05E	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	6	4	0.4	4.7		1.5	0.0	0.6	4.8	4.2	0.4	Cast iron	Yes, less	Yes			Yes
7/29/2019	29Z05S	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	7	4	2.8	6.3		6.9	0.0	3.3	3.0	4.2	3.5	Cast iron	Yes, less	Yes			No
7/29/2019	21A7	PARK AVE S	E 86TH ST	Parallel	2018-101	5	4.5	0.0	1.5		6.1	2.0	2.6	9.3	0.6	4.2	Cast iron	Yes, less	than 3" Gap			Yes
7/29/2019	21I07	PARK AVE S	E 87 1/2 ST	One-Way Directional	2018-101						0.5	0.3	1.0	8.1	0.7	2.2	Cast iron	Yes, less	Yes			Yes
7/29/2019	09R51-01	PENN AVE S	W 81ST ST	One-Way Directional	2011-301	5	7	0.7	0.1		3.8	0.3	1.1	3.0	2.3	0.5	Cast iron	Yes, less	Yes			Yes
7/29/2019	09R51-02	PENN AVE S	W 81ST ST	One-Way Directional	2011-301	5	8	0.5	0.3		6.0	0.7	1.2	3.8	2.5	3.3	Cast iron	Yes, less	Yes			Yes
7/29/2019	9S51-02	PENN AVE S	W 81ST ST	One-Way Directional	2011-301	5	9	2.6	1.4		1.1	3.1	6.1	4.0	5.8	3.5	Cast iron	Yes, less	Yes			No
7/29/2019	33Z48	RUSSELL AVE S	W 98TH ST	One-Way Directional	2012-102						1.8	2.0		2.8	1.1	0.3	Cast iron					Yes
7/29/2019	34H27	XERXES AVE S	XERXES CUR	Diagonal	2018-102	5	5	5.8	0.4		8.0	5.2	0.2	4.8	1.2	0.6	Cast iron	Yes, less	Yes			No
7/29/2019	34H26	XERXES AVE S	YORK CUR	Diagonal	2018-102	5	5	1.3	0.6		9.7	0.1	1.2	7.5	1.4	0.1	Cast iron	Yes, less	Yes			No
7/26/2019	01N18	22ND AVE S	LINDAU LN	Depressed Corner	2013-302	10	10	1.5	1.4		2.9	1.9	2.5	4.4	3.2	1.9	Cast iron	Yes, less	Yes			Yes
7/26/2019	01N19	22ND AVE S	LINDAU LN	Depressed Corner	2013-302	4	10	1.4	0.7		3.2	0.7	1.8	3.0	1.0	1.8	Cast iron	Yes, less	Yes			Yes
7/26/2019	01Q15	MOA NORTH PARKING	LINDAU LN	Parallel	2013-302	5	4	0.8	1.5		1.9	0.8	0.4	1.1	0.5	2.8	Cast iron	Yes, less	Yes			Yes
7/26/2019	01S21-01	NORTHEAST CT	LINDAU LN	Perpendicular	2013-302	8.5	8	1.5	1.1		0.4	1.2	1.0	2.0	1.7	1.9	Cast iron	Yes, less	Yes			Yes
7/26/2019	01S21-02	NORTHEAST CT	LINDAU LN	Perpendicular	2013-302						3.9	1.4	2.1	2.8	1.1	8.1	Cast iron	Yes, less	Yes			Yes
7/26/2019	01S21-03	NORTHEAST CT	LINDAU LN	Perpendicular	2013-302						1.5	0.3	1.6	1.2	0.4	3.3	Cast iron	Yes, less	Yes			Yes
7/26/2019	01S21-04	NORTHEAST CT	LINDAU LN	Perpendicular	2013-302						3.6	1.8	1.0	5.6	0.3	1.8	Cast iron	Yes, less	Yes			Yes
7/26/2019	01T20-01	NORTHEAST CT	LINDAU LN	Diagonal	2013-302	5	6	0.1	5.5		6.2	1.9	2.6	0.6	1.8	5.2	Cast iron	Yes, less	Yes			No
7/26/2019	01T20-02	NORTHEAST CT	LINDAU LN	Diagonal	2013-302						2.7	1.1	0.1	2.8	1.4	6.6	Cast iron	Yes, less	Yes, 5' or less from BOC			No
7/26/2019	13D15-01	RICH RD	W 86TH ST	Diagonal	2009-102	5	5	1.7	2.7		4.8	7.1	1.8	7.9	1.5	9.9	Cast iron	No, more	No, reco	Yes	Yes	No
7/25/2019	28N23-01	11TH AVE S	E 100TH ST	Perpendicular	2015-101	4	5	0.1	2.5		7.7	1.7	2.0	10.6	1.1	3.2	Cast iron	Yes, less	Yes			No
7/25/2019	28A22-01	11TH AVE S	E 98TH ST	Combined Directional	2015-101	4	4	0.4	2.4		7.3	2.3	3.1	6.0	3.0	1.5	Cast iron	Yes, less	than 3" Gap			No
7/25/2019	24D07N	CEDAR AVE S	E OLD SHAKOPEE RD	Perpendicular	COUNTY	5	6	2.0	0.5		6.6	0.4	1.4	2.0	3.2	3.4	Cast iron	Yes, less	Yes			Yes
7/25/2019	24D07S	CEDAR AVE S	E OLD SHAKOPEE RD	Perpendicular	COUNTY	4	4	1.3	1.9		8.5	0.7	0.5	0.1	1.2	2.0	Cast iron	Yes, less	Yes			No
7/25/2019	14P12-01	POPLAR BRIDGE RD	COLLEGEVIEW RD	Perpendicular	2013-102	5	5	0.3	0.5		5.0	0.4	0.8	4.0	0.5	0.0	Cast iron	Yes, less	Yes			Yes
7/25/2019	14P12-02	POPLAR BRIDGE RD	COLLEGEVIEW RD	One-Way Directional	2013-102						2.1	0.7	1.1	2.1	1.6	4.8	Cast iron	Yes, less	Yes			Yes
7/25/2019	14P12-03	POPLAR BRIDGE RD	COLLEGEVIEW RD	One-Way Directional	2013-102						0.7	0.1	0.9	0.7	0.9	1.4	Cast iron	Yes, less	Yes			Yes
7/25/2019	14Q12	POPLAR BRIDGE RD	COLLEGEVIEW RD	One-Way Directional	2013-102	6	4.5	1.2	1.6		3.9	1.6	0.3	1.1	1.8	2.6	Cast iron	Yes, less	Yes			Yes
7/22/2019	14M01	NORMANDALE BLVD	ST MICHAELS CHURCH	Parallel	2016-201	4	10	1.6	0.2		1.6	0.3	2.0	2.3	0.4	0.8	Cast iron	Yes, less	Yes			Yes
7/22/2019	14N01	NORMANDALE BLVD	ST MICHAELS CHURCH	Parallel	2016-201	6	10	0.8	1.0		1.8	0.7	0.2	2.0	1.1	0.8	Cast iron	Yes, less	Yes			Yes
7/22/2019	58Y46-01	SANDRO RD	NINE MILE CREEK PKWY		2012-401						1.9	0.3	1.4	2.2	1.6	2.8	Cast iron	Yes, less	Yes			Yes
7/19/2019	02A27-01	24TH AVE S	E 82ND ST	Perpendicular	2017-102	4	6	2.0	0.2		7.3	1.9	0.5	0.8	2.4	0.2	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Z29-01	24TH AVE S	E 82ND ST	Perpendicular	2017-102	8	10	1.4	1.8		7.5	1.6	0.8	6.1	0.1	0.7	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Z29-02	24TH AVE S	E 82ND ST	Perpendicular	2017-102	5	6	2.6	2.4		2.7	0.7	1.1	1.0	1.0	0.8	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Z29-02B	24TH AVE S	E 82ND ST	Perpendicular	2017-102	4	6	1.3	0.7		6.2	0.5	0.1	2.5	0.2	1.6	Cast iron	Yes, less	Yes			Yes
7/19/2019	02A27-03	24TH AVE S	E 82ND ST	Tiered Perpendicular	2017-102	6	6	0.4	0.2		6.0	0.4	0.5	0.8	0.8	2.3	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Q25-01	24TH AVE S	LINDAU LN	One-Way Directional	2013-302						1.1	1.8	0.5	0.1	0.7	3.4	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Q25-02	24TH AVE S	LINDAU LN	Perpendicular	2013-302	5	10	1.0	2.6		5.5	0.3	1.4	6.7	1.4	0.4	Cast iron	Yes, less	Yes			No
7/19/2019	01Q26-01	24TH AVE S	LINDAU LN		2013-302	5	10	1.7	1.3		6.8	1.7	1.2	8.2	0.7	2.5	Cast iron	Yes, less	Yes	No, write exceptio		Yes
7/19/2019	01Q26-02	24TH AVE S	LINDAU LN	One-Way Directional	2013-302	5	10	0.5	3.5		7.8	0.6	1.4	5.9	0.0	1.9	Cast iron	Yes, less	Yes			No
7/19/2019	01R26-01	24TH AVE S	LINDAU LN	One-Way Directional	2013-302	6	10	0.0	0.3		6.9	1.1	1.6	7.6	2.3	2.9	Cast iron	Yes, less	Yes			Yes
7/19/2019	01R26-02	24TH AVE S	LINDAU LN	One-Way Directional	2013-302	5	10	0.5	1.2		7.4	0.8	0.2	0.7	0.0	0.4	Cast iron	Yes, less	Yes			Yes
7/19/2019	01R26-03	24TH AVE S	LINDAU LN	One-Way Directional	2013-302	5	10	2.6	1.8		3.0	0.5	1.3	4.2	1.0	2.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/19/2019	01S25	24TH AVE S	LINDAU LN		2013-302	5	10	0.6	3.5		7.4	1.6	2.1	7.6	2.0	1.4	Cast iron	Yes, less	Yes			No
7/19/2019	01Z31-01	26TH AVE S	E 82ND ST	Diagonal	2017-102	6	8	1.6	1.1		5.0	1.2	0.8	6.8	0.8	2.7	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Z32-01	26TH AVE S	E 82ND ST	Diagonal	2017-102	5	6	1.9	0.9		4.1	1.8	1.6	1.6	2.3	1.0	Cast iron	Yes, less	Yes			Yes
7/19/2019	01Z32-02	26TH AVE S	E 82ND ST	Combined Directional	2017-102	7	8	1.7	1.0		0.4	1.4	0.3	1.9	1.1	3.5	Cast iron	Yes, less	Yes			Yes
7/19/2019	02A31-01	26TH AVE S	E 82ND ST	Diagonal	2017-102	7	21	1.5	0.0		0.2	1.7	0.8	1.1	2.1	1.8	Cast iron	Yes, less	Yes			Yes
7/19/2019	02A32-01	26TH AVE S	E 82ND ST	Combined Directional	2017-102	5	7	1.3	1.2		0.5	1.4	3.6	0.0	3.3	0.9	Cast iron	Yes, less	Yes			Yes
7/19/2019	01R36-02	28TH AVE S	LINDAU LN	One-Way Directional	2014-302						3.8	0.5	0.0	1.8	0.9	0.0	Cast iron	Yes, less	Yes			Yes
7/19/2019	01S36-02	28TH AVE S	LINDAU LN	One-Way Directional	2014-302						3.1	0.8	0.5	3.2	0.5	1.2	Cast iron	Yes, less	Yes			Yes
7/18/2019	19M29	1ST AVE S	E 88TH ST	One-Way Directional	2013-101	5	5	2.9	1.8		3.5	3.4	0.7	4.6	1.2	2.9	Cast iron	Yes, less	Yes			No
7/18/2019	19M30	1ST AVE S	E 88TH ST	One-Way Directional	2013-101	5	5	2.8	2.9		2.7	1.9	0.4	4.8	2.5	2.9	Cast iron	Yes, less	Yes			Yes
7/18/2019	01W40	28TH AVE S	E 82ND ST	Perpendicular	2014-304	6	8	2.6	2.4		2.6	2.6	0.2	2.2	1.4	0.2	Cast iron	Yes, less	Yes			No
7/18/2019	01Z40-01	28TH AVE S	E 82ND ST	Perpendicular	2017-102	5.5	4	0.5	0.2		8.0	0.7	0.5	5.7	0.6	1.0	Cast iron	Yes, less	Yes			Yes
7/18/2019	01Z40-02	28TH AVE S	E 82ND ST	Perpendicular	2017-102	4.5	4	0.6	2.0		7.1	0.7	0.9	1.2	1.7	2.8	Cast iron	Yes, less	Yes			Yes
7/18/2019	02A38	28TH AVE S	E 82ND ST	One-Way Directional	2017-102	4	4	0.5	1.1		7.4	0.3	0.9	1.4	0.3	1.3	Cast iron	Yes, less	Yes			Yes
7/18/2019	02A39	28TH AVE S	E 82ND ST	One-Way Directional	2017-102	3	4	0.7	1.8		1.1	1.1	1.2	0.0	1.0	1.5	Cast iron	Yes, less	Yes			Yes
7/18/2019	02B40-01	28TH AVE S	E 82ND ST	Perpendicular	2017-102	9	10	1.7	0.2		10.4	0.5	1.1	2.7	0.4	1.8	Cast iron	Yes, less	Yes			No
7/18/2019	01Q39-01	28TH AVE S	LINDAU LN	Perpendicular	2014-302	5	8	0.5	1.2		3.0	0.1	0.2	3.5	0.7	0.7	Cast iron	Yes, less	Yes			Yes
7/18/2019	01Q39-01	28TH AVE S	LINDAU LN	Perpendicular	2014-302	5	10	0.8	0.4		5.3	0.0	0.2	2.8	0.6	0.2	Cast iron	Yes, less	Yes			Yes
7/18/2019	01Q40	28TH AVE S	LINDAU LN	Perpendicular	2014-302	7	10	0.9	1.9		3.4	0.4	0.0	3.0	2.0	3.9	Cast iron	Yes, less	Yes			Yes
7/18/2019	01Q40-01	28TH AVE S	LINDAU LN	Perpendicular	2014-302	5	10	0.6	0.3		5.0	0.2	0.7	1.3	0.8	0.2	Cast iron	Yes, less	Yes			Yes
7/18/2019	01R38	28TH AVE S	LINDAU LN	Perpendicular	2014-302	7	10	0.3	1.4		8.2	0.5	1.6	2.3	0.8	2.2	Cast iron	Yes, less	Yes			Yes
7/18/2019	01R41	28TH AVE S	LINDAU LN	One-Way Directional	2014-304	6	10	0.7	0.2		7.6	0.6	0.7	2.2	4.3	1.3	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S38-01	28TH AVE S	LINDAU LN	Perpendicular	2014-302	4	10	1.6	0.1		1.7	1.0	0.5	4.0	0.1	0.1	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S38-02	28TH AVE S	LINDAU LN	Perpendicular	2014-302	4	10	1.3	2.8		3.0	1.2	1.0	1.3	0.9	0.9	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S41-01	28TH AVE S	LINDAU LN	One-Way Directional	2014-304	6	10	1.0	2.9		2.9	0.2	1.7	1.2	1.2	1.0	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S41-02	28TH AVE S	LINDAU LN	One-Way Directional	2014-304	5	10	0.5	2.5		3.4	0.2	1.2	2.4	1.0	0.4	Cast iron	Yes, less	Yes			Yes
7/18/2019	01T38	28TH AVE S	LINDAU LN	Perpendicular	2014-302	7	10	0.0	0.2		4.4	0.4	2.0	1.5	0.6	0.3	Cast iron	Yes, less	Yes			Yes
7/18/2019	01T39	28TH AVE S	LINDAU LN	One-Way Directional	2014-302	6	10	1.4	1.4		6.2	1.5	1.5	4.0	0.9	1.1	Cast iron	Yes, less	Yes			Yes
7/18/2019	01T39-01	28TH AVE S	LINDAU LN	One-Way Directional	2014-302	4	10	0.2	0.4		0.9	1.2	0.6	3.5	1.6	1.6	Cast iron	Yes, less	Yes			Yes
7/18/2019	01T40	28TH AVE S	LINDAU LN	One-Way Directional	2014-302	6.5	10	3.0	2.7		5.2	0.8	0.5	2.6	1.6	4.2	Cast iron	Yes, less	Yes			No
7/18/2019	01T40-01	28TH AVE S	LINDAU LN	One-Way Directional	2014-302	4	10	0.2	1.3		1.9	1.3	1.7	1.6	1.1	0.6	Cast iron	Yes, less	Yes			Yes
7/18/2019	01T41	28TH AVE S	LINDAU LN	One-Way Directional	2014-304	6	10	1.0	0.9		9.3	0.3	0.0	1.9	9.6	2.3	Cast iron	Yes, less	Yes			No
7/18/2019	01T42	28TH AVE S	LINDAU LN	Perpendicular	2014-302						0.6	0.2	1.3	3.2	0.6	2.1	Cast iron	Yes, less	Yes			Yes
7/18/2019	01V41	28TH AVE S	LINDAU LN	Perpendicular	2014-302	6	6	0.8	0.5		0.5	0.9	0.5	3.3	0.3	1.5	Cast iron	Yes, less	Yes			Yes
7/18/2019	01R42	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	1.4	0.2		0.4	1.4	2.5	7.6	3.2	4.9	Cast iron	Yes, less	Yes			Yes
7/18/2019	01R43-01	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	1.8	0.8		2.8	0.1	0.3	5.6	0.7	0.3	Cast iron	Yes, less	Yes			Yes
7/18/2019	01R43-02	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	1.9	2.0		7.5	0.9	0.2	1.3	0.3	2.2	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S42	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	1.0	0.7		1.0	1.5	2.0	0.1	2.3	1.5	Cast iron	Yes, less	Yes			Yes
7/18/2019	01S43-01	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	0.1	5.1		6.1	0.5	0.7	2.3	1.7	2.6	Cast iron	Yes, less	Yes			No
7/18/2019	01S43-02	28TH AVE STATION	LINDAU LN	Perpendicular	2014-304	5	10	0.5	0.2		1.6	1.7	1.9	1.8	1.9	2.1	Cast iron	Yes, less	Yes			Yes
7/18/2019	19M35	2ND AVE S	E 88TH ST		2013-101	4	5	1.5	2.1		2.4	2.8	0.5	0.8	1.4	5.1	Cast iron	Yes, less	Yes			No
7/18/2019	19M36	2ND AVE S	E 88TH ST	One-Way Directional	2013-101	6	5	2.2	6.6		9.3	0.1	1.2	9.0	0.6	0.7	Cast iron	Yes, less	Yes			No
7/18/2019	32M14N	LOGAN AVE S	W OLD SHAKOPEE RD	Combined Directional	2017-102	5	7	1.9	0.1		0.6	1.4	4.5	2.8	4.4	5.5	Cast iron	Yes, less	Yes			Yes
7/18/2019	07R01-01	PENN AVE S	W 81ST ST	Perpendicular	2011-301	6	4	1.7	0.6		0.5	1.6	2.7	1.4	3.2	1.7	Cast iron	Yes, less	Yes			Yes
7/18/2019	07R01-02	PENN AVE S	W 81ST ST	Combined Directional	2011-301	4	6	0.6	1.7		4.4	0.0	2.6	1.2	0.8	4.4	Cast iron	Yes, less	Yes			Yes
7/18/2019	07S01-01	PENN AVE S	W 81ST ST	Combined Directional	2011-301	8	5	1.7	0.5		6.4	1.2	2.3	1.2	4.0	4.5	Cast iron	Yes, less	Yes			Yes
7/18/2019	07S01-02	PENN AVE S	W 81ST ST	Perpendicular	2011-301	5	6	1.7	0.4		3.8	1.0	0.1	3.7	0.6	3.0	Cast iron	Yes, less	Yes			Yes
7/18/2019	16F52	PENN AVE S	W 91ST ST	One-Way Directional	2011-101	5	6	1.0	1.6		2.8	0.2	0.0	0.7	1.8	0.3	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
7/18/2019	16G52	PENN AVE S	W 91ST ST	One-Way Directional	2011-101	9	7	0.1	1.9		3.4	1.1	0.7	3.3	0.5	2.2	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
7/18/2019	16L52	PENN AVE S	W 92ND ST	One-Way Directional	2011-101	5	5	1.6	1.6		7.1	1.7	0.7	5.7	2.1	7.3	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/18/2019	16M52	PENN AVE S	W 92ND ST	One-Way Directional	2011-101	6	4	0.2	3.3		2.1	2.4	2.1	1.7	2.2	2.9	Cast iron	Yes, less	Yes			No
7/18/2019	16S52	PENN AVE S	W 93RD ST	Depressed Corner	2017-102	4.5	5	4.8	0.1		6.0	0.9	1.2	2.4	2.5	4.1	Cast iron	No, more than 3" Gap				No
7/18/2019	16T52	PENN AVE S	W 93RD ST	Diagonal	2017-102	5	3	1.1	4.0		2.6	0.3	0.3	3.2	0.5	4.1	Cast iron	Yes, less than 3" Gap				No
7/18/2019	16T49	QUEEN AVE S	W 93RD ST	One-Way Directional	2011-101	5	4	2.9	2.1		5.2	1.4	1.6	4.8	5.5	3.7	Cast iron	Yes, less	Yes			No
7/18/2019	16T50	QUEEN AVE S	W 93RD ST	One-Way Directional	2011-101	5	4	2.0	0.2		2.7	0.7	0.2	5.8	0.1	6.3	Cast iron	Yes, less	Yes			Yes
7/18/2019	16S35	UPTON AVE S	W 93RD ST	One-Way Directional	2017-102	6.5	4	1.0	1.7		8.6	0.4	1.7	6.5	0.7	6.2	Cast iron	Yes, less	Yes			No
7/18/2019	16T35	UPTON AVE S	W 93RD ST	Fan	2017-102	5	4	1.9	2.0		6.9	3.9	1.3	5.1	0.6	2.6	Cast iron		No, write exception			No
7/17/2019	01L46	30TH AVE S	AMERICAN BLVD E	One-Way Directional	2014-303	6.5	10	1.4	0.7		6.9	0.5	0.9	1.6	0.8	1.6	Cast iron	Yes, less	Yes			Yes
7/17/2019	01L47	30TH AVE S	AMERICAN BLVD E	Combined Directional	2014-303	9	9	0.7	1.5		2.7	0.3	1.0	1.4	2.5	0.4	Cast iron	Yes, less	Yes			Yes
7/17/2019	01O47	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	8	6	0.3	0.2		3.7	1.4	2.5	5.3	1.5	1.4	Cast iron	Yes, less	Yes			Yes
7/17/2019	01Q46-01	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5.5	5	1.5	0.6		5.0	3.4	1.9	4.4	0.8	0.2	Cast iron	Yes, less	Yes			No
7/17/2019	01Q46-02	30TH AVE S	LINDAU LN	One-Way Directional	2014-303						0.4	2.0	1.2	1.8	1.9	0.1	Cast iron	Yes, less	Yes			Yes
7/17/2019	01R45	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5	8	0.0	3.3		7.4	2.3	0.2	0.6	1.4	2.5	Cast iron	Yes, less	Yes			No
7/17/2019	01R46	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5	8	1.4	0.5		7.1	0.9	0.2	5.6	2.6	3.3	Cast iron	Yes, less	Yes			Yes
7/17/2019	01R47	30TH AVE S	LINDAU LN	One-Way Directional	2014-302	5	8	0.3	1.9		4.0	1.1	1.2	6.6	0.1	2.9	Cast iron	Yes, less	Yes			Yes
7/17/2019	01R47	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	6	5	0.1	1.7		5.8	1.1	1.0	2.2	1.4	3.5	Cast iron	Yes, less	Yes			Yes
7/17/2019	01S45	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5	8	1.6	0.4		6.6	2.0	1.7	3.4	2.0	0.5	Cast iron	Yes, less	Yes			Yes
7/17/2019	01S46	30TH AVE S	LINDAU LN	One-Way Directional	2014-303						1.7	1.2	1.4	3.0	1.0	0.0	Cast iron	Yes, less	Yes			Yes
7/17/2019	01S47-01	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5	8	0.9	1.8		4.1	0.0	0.3	4.0	0.2	0.1	Cast iron	Yes, less	Yes			Yes
7/17/2019	01S47-02	30TH AVE S	LINDAU LN	One-Way Directional	2014-303						1.2	0.8					Cast iron	Yes, less	Yes			Yes
7/17/2019	01T46	30TH AVE S	LINDAU LN	One-Way Directional	2014-303	5	8	1.5	2.4		5.3	0.5					Cast iron	Yes, less	Yes			No
7/17/2019	01T47	30TH AVE S	LINDAU LN		2014-303	5	8	1.8	0.3		7.5	0.1					Cast iron	Yes, less	Yes			Yes
7/17/2019	85A12	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	5	10	1.5	2.0		2.7	0.9	1.1	4.1	1.1	1.8	Cast iron	Yes, less	Yes			Yes
7/17/2019	85A13	34TH AVE S	494 EB RAMP		2014-301	5	10	0.5	1.8		6.0	0.9	0.8	6.2	1.3	3.5	Cast iron	Yes, less	Yes			Yes
7/17/2019	85B12	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	5	10	1.2	0.2		1.8	1.7	3.0	3.8	2.7	1.3	Cast iron	Yes, less	Yes			Yes
7/17/2019	85B13	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	11	10	1.7	0.6		6.5	2.3	2.4	7.2	3.0	7.2	Cast iron	Yes, less	Yes			No
7/17/2019	N/A	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	5	10	0.6	1.0		0.6	0.1	0.1	4.4	1.5	1.0	Cast iron	Yes, less	Yes			Yes
7/17/2019	N/A	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	6	10	1.6	2.0		0.6	0.9	2.8	2.8	2.5	3.0	Cast iron	Yes, less	Yes			Yes
7/17/2019	N/A	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	10	5	0.9	2.0		1.2	1.0	1.0	4.0	1.1	2.1	Cast iron	Yes, less	Yes			Yes
7/17/2019	N/A	34TH AVE S	494 EB RAMP	Perpendicular	2014-301	10	10	2.6	1.0		8.7	2.9	2.6	1.9	3.2	0.5	Cast iron	Yes, less	Yes			No
7/17/2019	85K01	METRO DR	AMERICAN BLVD E	Perpendicular	2010-102	4.5	4	2.4	4.6		11.8	0.9	1.7	8.2	3.5	4.0	Cast iron	Yes, less	Yes			No
7/17/2019	85L01-02	METRO DR	AMERICAN BLVD E		2010-102	3	4	5.0	7.7		12.6	4.4	4.0	5.2	5.5	2.1	Cast iron	Yes, less	Yes			No
7/17/2019	22A51-02	OLD CEDAR AVE S	E 90TH ST		2017-802			0.5	0.7		5.4	1.2					Cast iron	Yes, less	Yes			Yes
7/16/2019	11K11	COMPUTER AVE S	W 78TH ST	Perpendicular	2018-102	5	6	0.4	0.7		7.9	0.9	0.4	5.6	3.3	1.7	Cast iron	Yes, less	Yes			Yes
7/16/2019	9S0	FRANCE AVE S	494 EB RAMP	Perpendicular		6	6	0.7	2.1		10.6	0.7	0.7	5.0	0.4	1.4	Exposed aggregate	Yes, less	No, reconstruct to correct			No
7/16/2019	9S1	FRANCE AVE S	494 EB RAMP	Perpendicular		5	10	0.4	1.8		8.5	0.9	0.6	1.6	0.3	1.9	None	No, more	No, reco	Yes	Yes	No
7/16/2019	67F51	NESBITT AVE S	RIDGEVIEW ELEMENTARY	Perpendicular	2013-102	5	5	0.5	3.2		4.5	0.2	1.7	6.9	0.3	5.6	Cast iron	Yes, less	Yes			Yes
7/16/2019	67F52	NESBITT AVE S	RIDGEVIEW ELEMENTARY	Perpendicular	2013-102	4	5	1.6	0.1		3.7	0.0	0.1	1.9	0.1	4.8	Cast iron	Yes, less	Yes			Yes
7/16/2019	64S50-01	NESBITT RD	W 93RD ST	Combined Directional	2010-101	5	5	2.0	0.4		6.3	3.4	0.5	2.8	1.4	2.4	Cast iron	Yes, less	Yes			No
7/16/2019	64S50-02	NESBITT RD	W 93RD ST	One-Way Directional	2010-101	4	6	4.4	5.2		5.3	4.7	0.7	8.0	0.2	1.2	Cast iron	No, more	Yes			No
7/16/2019	56P36-01	NORMAN CENTER DR	W 84TH ST	One-Way Directional	2016-102	5	6	0.9	2.1		6.8	1.6	1.6	1.1	2.5	3.2	Cast iron	Yes, less	Yes			No
7/15/2019	72S37-01	BLOOMINGTON FERRY RD	W 109TH ST	Perpendicular							6.4	4.4		1.5	2.8	1.8	None					No
7/15/2019	63L40	CHALET RD	MT NORMAN DALE DR		2016-101			1.0	0.5		0.5	1.4					Cast iron					Yes
7/15/2019	63L41	CHALET RD	MT NORMAN DALE DR		2016-101			1.4	2.4		1.2	0.8					Cast iron					Yes
7/15/2019	34K27	XERXES AVE S	W 100TH ST	Diagonal	2018-102	5	5	2.7	0.3		4.1	2.0	1.5	0.1	1.2	6.3	Cast iron	Yes, less	Yes			Yes
7/15/2019	34L27	XERXES AVE S	W 100TH ST	Parallel	2018-102	4	5	3.2	4.2		8.4	6.8	0.8	2.1	3.5	0.6	Cast iron	Yes, less	Yes			No
7/15/2019	34G27	XERXES AVE S	XERXES CUR	Diagonal	2018-102	5	5	3.3	0.5		3.9	1.8	0.1	2.4	1.0	3.0	Cast iron	Yes, less	Yes			Yes
7/15/2019	34G26	XERXES AVE S	YORK CUR	Diagonal	2018-102	5	5	1.5	0.7		6.7	1.7	0.6	6.4	1.7	2.3	Cast iron	Yes, less	Yes			Yes
7/11/2019	34B26	XERXES AVE S	W 98 1/2 ST	One-Way Directional	2018-102						1.8	1.5	1.6	2.6	4.0	1.3	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
7/11/2019	34C26	XERXES AVE S	W 98 1/2 ST	One-Way Directional	2018-102						2.1	1.1	2.1	5.2	2.6	2.8	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/10/2019	66A21-2	NESBITT AVE S	W 98TH ST	Tiered Perpendicular	2013-102	6	6	3.0	1.3		7.3	0.7	2.1	3.9	2.6	3.8	Cast iron	No, more	No, write exception			No
7/9/2019	07J35		AMERICAN BLVD W			7	8	2.5	0.1		1.8	4.0	4.9	2.7	4.5	1.4	None					No
7/9/2019	07J36		AMERICAN BLVD W	One-Way Directional		8	8	2.9	0.2		0.2	5.4	5.7	2.2	5.5	0.4	None					No
7/9/2019	30B39	3RD AVE S	E OLD SHAKOPEE RD	Perpendicular		6	7	1.8	3.0		10.7	1.2	1.1	0.2	3.0	6.5	None			No, reconstruct to		No
7/9/2019	07H47-01	BRYANT AVE S	AMERICAN BLVD W		2005-201	6	8	2.5	2.5		4.6	3.1			2.5	2.2	Cast iron					No
7/9/2019	07H47-02	BRYANT AVE S	AMERICAN BLVD W		2005-201	7	8	3.2	6.3		5.8	0.2			2.9	5.2	Cast iron					No
7/9/2019	07K39	DUPONT AVE S	AMERICAN BLVD W	One-Way Directional	2005-201	6	6	0.1	0.8		5.0	4.6	4.1	0.8	4.2	0.7	Cast iron	Yes, less	than 3" G	No, reconstruct to		No
7/9/2019	07J32-01	FREMONT AVE S	AMERICAN BLVD W	One-Way Directional		9	8	1.9	1.8		5.6	2.2	0.7	0.2	0.5	0.1	None					No
7/9/2019	07J32-02	FREMONT AVE S	AMERICAN BLVD W	One-Way Directional		8	8	1.7	0.7		1.3	4.4	3.4	4.0	2.7	1.2	None					No
7/9/2019	07J33	FREMONT AVE S	AMERICAN BLVD W	One-Way Directional		8	8	5.0	0.6		1.7	5.6	6.1	3.3	5.4	1.2	None					No
7/9/2019	07J34	FREMONT AVE S	AMERICAN BLVD W	One-Way Directional		8	8	3.2	0.7		3.6	5.5	4.3	2.4	4.4	0.1	None					No
7/9/2019	36Z37-01	JOHNSON AVE S	W 102ND ST	One-Way Directional	2011-102	5	4	1.1	1.0		2.2	1.1	0.6	7.0	1.6	1.9	Cast iron	Yes, less	Yes			Yes
7/9/2019	36Z38-01	JOHNSON AVE S	W 102ND ST	One-Way Directional	2011-102	5	4	1.9	2.0		4.7	1.6	2.4	6.5	1.9	3.0	Cast iron	No, more	Yes			No
7/9/2019	36Z34-01	LITTLE RD	W 102ND ST	Perpendicular	2011-102	5	4	1.3	5.1		4.0	0.7	5.7	1.5	5.6	3.8	Cast iron		Yes			Yes
7/9/2019	36Z35-01	LITTLE RD	W 102ND ST	One-Way Directional	2011-102	5	4	2.0	0.3		1.9	0.1	0.7	10.9	1.9	4.2	Cast iron	Yes, less	Yes			Yes
7/9/2019	73P52-02	NESBITT AVE S	W 104TH ST	One-Way Directional	2008-102	4	5	2.3	0.2		4.4	0.0	1.0	6.9	1.0	1.5	Cast iron	Yes, less	than 3" Gap			No
7/9/2019	75A16	NESBITT AVE S	W 104TH ST	One-Way Directional		5	4	1.3	6.7		11.9	0.4	1.4	8.6	0.7	5.7	None					No
7/9/2019	36Z23-01	NORD AVE S	W 102ND ST	One-Way Directional	2011-102	4	4	1.7	1.9		3.6	0.5	2.9	6.1	1.5	3.9	Cast iron	No, more	than 3" Gap			Yes
7/9/2019	36Z23-02	NORD AVE S	W 102ND ST	One-Way Directional	2011-102	4	4	0.4	6.0		10.0	0.8	1.6	2.0	1.9	1.7	Cast iron	No, more	Yes			No
7/9/2019	56N36	NORMAN CENTER DR	W 84TH ST	One-Way Directional	2012-401	5	11	0.9	0.8		1.8	1.9	1.2	8.4	0.4	2.6	Cast iron	No, more	Yes	Yes	Yes	Yes
7/9/2019	36Z01-01	NORMAN DALE BLVD	W 102ND ST	One-Way Directional	2011-102	5.5	5.5	4.6	4.6		1.6	1.0	0.5	1.9	2.4	3.1	Cast iron	Yes, less	Yes			Yes
7/9/2019	36Z01-02	NORMAN DALE BLVD	W 102ND ST	One-Way Directional	2011-102	5.5	5.5	3.3	4.7		2.0	3.2			0.2	3.7	Cast iron	No, more	Yes			No
7/9/2019	37A01-02	NORMAN DALE BLVD	W 102ND ST	One-Way Directional	2011-102	4	4	1.4	0.5		2.9	1.5			0.2	1.9	Cast iron	Yes, less	Yes			Yes
7/9/2019	56S35	NORMAN DALE BLVD	W 84TH ST	Diagonal	2016-102	8	6	1.3	2.2		1.5	1.0	1.2	1.7	0.3	3.3	Cast iron	Yes, less	Yes			Yes
7/9/2019	56T36-01	NORMAN DALE BLVD	W 84TH ST	One-Way Directional	2016-102	5	6	0.3	1.6		5.1	0.8	1.1	1.3	0.9	2.8	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/9/2019	56T36-02	NORMAN DALE BLVD	W 84TH ST	Combined Directional	2016-102	5	7	0.9	2.7		3.2	0.2	0.2	5.0	0.3	2.7	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/9/2019	56T36-03	NORMAN DALE BLVD	W 84TH ST	Combined Directional	2016-102	2	4	0.1	3.3		4.8	0.1	0.8	0.1	0.6	2.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
7/9/2019	66S25	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102						3.0	1.4	1.0	4.0	3.1	2.1	Cast iron					<Null>
7/9/2019	66S27	NORMAN DALE BLVD	W 98TH ST	Perpendicular	2016-102	5	8	0.2	1.4		10.0	0.7	0.3	4.4	0.3	2.4	Cast iron	Yes, less	Yes			No
7/9/2019	66T25	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102	4.5	8	1.4	1.3		2.3	1.5	2.1	2.8	3.7	1.5	Cast iron	Yes, less	Yes			Yes
7/9/2019	66T26-01	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102	4	4	1.7	0.7		2.2	2.6	0.2	7.0	1.0	2.2	Cast iron	Yes, less	Yes			No
7/9/2019	66T26-02	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102	4.5	4	0.7	1.7		7.5	2.4	3.1	6.4	2.7	0.3	Cast iron	Yes, less	Yes			No
7/9/2019	66T27	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102	5	8	0.5	4.0		4.8	1.2	0.5	1.9	1.1	1.5	Cast iron	Yes, less	Yes			No
7/9/2019	66T27-01	NORMAN DALE BLVD	W 98TH ST		2016-102	4	5	0.9	0.9		7.9	1.3	1.6	3.7	2.0	2.4	Cast iron	Yes, less	Yes			Yes
7/9/2019	66T27-02	NORMAN DALE BLVD	W 98TH ST	One-Way Directional	2016-102	5	4	0.9	0.9		5.2	0.1	2.2	7.3	1.8	1.4	Cast iron	Yes, less	Yes			Yes
7/9/2019	36Z31-01	OLSON MIDDLE SCHOOL	W 102ND ST	Perpendicular	2011-102	4	8	1.7	0.8		7.1	0.8	1.3	6.4	1.9	2.6	Cast iron	Yes, less	Yes			Yes
7/9/2019	37A31-01	OLSON MIDDLE SCHOOL	W 102ND ST	Perpendicular	2011-102	4	5	2.5	1.5		7.6	1.1	2.1	7.3	2.5	3.7	Cast iron	No, more	Yes			No
7/9/2019	21A6	PARK AVE S	E 86TH ST	Parallel	2018-101	8	5	0.5	1.4		6.3	0.6	1.3	2.4	1.4	1.9	Cast iron	Yes, less	than 3" Gap			Yes
7/9/2019	37A18-01	RICH RD	W 102ND ST	One-Way Directional	2011-102	6	4	0.3	5.8		8.3	2.0	4.0	3.5	3.1	3.2	Cast iron	No, more	Yes			No
7/9/2019	37A18-02	RICH RD	W 102ND ST	One-Way Directional	2011-102	5	5	1.9	0.8		2.6	1.0	0.6	7.8	0.7	2.2	Cast iron	No, more	Yes			No
7/9/2019	37Z05-01	TOLEDO CIR	W 102ND ST	One-Way Directional	2011-102	4	5	2.8	5.6		4.7	0.3	1.2	3.9	1.2	0.7	Cast iron	Yes, less	Yes			Yes
7/9/2019	37Z06-01	TOLEDO CIR	W 102ND ST	One-Way Directional	2011-102	4	4	0.9	1.3		0.9	0.1	3.1	7.5	0.4	2.8	Cast iron	Yes, less	Yes			Yes
7/9/2019	36Z05-01	TOLEDO RD	W 102nd St	One-Way Directional	2011-102	5	5	2.8	1.8		6.0	1.3	3.9	10.8	1.5	6.8	Cast iron	No, more	than 3" Gap			No
7/9/2019	36Z06-01	TOLEDO RD	W 102nd St	One-Way Directional	2011-102	5	5	3.0	4.1		3.5	3.2	1.9	17.8	2.1	0.5	Cast iron	No, more	Yes			No
7/8/2019	22S46	16TH AVE S	E OLD SHAKOPEE RD	One-Way Directional		4	5	4.9	2.3		7.6	13.2			5.6	4.3	Tyred	Yes, less	No, reconstruct to correct			No
7/8/2019	22T45	16TH AVE S	E OLD SHAKOPEE RD	One-Way Directional		5	5	2.1	0.1		6.5	6.1			1.9	5.2	Tyred	Yes, less	No, reconstruct to correct			No
7/8/2019	31M49	ALDRICH AVE S	W 96TH ST	One-Way Directional	2014-101	5	6	1.9	2.0		1.7	1.8	1.2	0.8	1.1	0.7	Cast iron	Yes, less	Yes			Yes
7/8/2019	31M50	ALDRICH AVE S	W 96TH ST	One-Way Directional	2014-101	5	6	1.5	1.3		5.2	1.5	1.2	1.2	1.1	0.2	Cast iron	Yes, less	Yes			Yes
7/8/2019	22V43	BLOOMINGTON AVE S	E OLD SHAKOPEE RD	One-Way Directional		4.5	5	4.8	1.5		8.7	6.8			0.6	3.0	None					No
7/8/2019	22V44	BLOOMINGTON AVE S	E OLD SHAKOPEE RD	Parallel	2009-101	5	5	1.6	0.3		4.3	0.8	1.0	1.0	0.3	6.3	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/8/2019	29J01-01	LYNDALE AVE S		One-Way Directional	2010-101	7	4	1.7	1.2		4.6	2.9			2.7	1.3	Cast iron	Yes, less	Yes			No
7/8/2019	29J01-03	LYNDALE AVE S		One-Way Directional	2010-101						3.2	0.1	1.4	0.0			Cast iron	Yes, less	Yes			Yes
7/8/2019	29J01-04	LYNDALE AVE S		One-Way Directional	2010-101	6	6	0.8	1.3		7.3	1.2			1.6	0.1	Cast iron	Yes, less	Yes			Yes
7/8/2019	29K01-01	LYNDALE AVE S		One-Way Directional	2010-101	5	8	3.3	0.2		9.6	5.6			0.7	2.6	Cast iron	Yes, less	Yes			No
7/8/2019	29K01-02	LYNDALE AVE S		One-Way Directional	2010-101						1.7	0.9	0.4	0.2	0.4	0.6	Cast iron	Yes, less	Yes			Yes
7/8/2019	29Q01	LYNDALE AVE S		One-Way Directional	2010-101	5	8	1.9	1.1		2.2	0.7	3.3	3.3	3.0	3.3	Cast iron	Yes, less	Yes			Yes
7/8/2019	29R01	LYNDALE AVE S		One-Way Directional	2010-101	5	8	2.8	0.8		3.2	1.8	3.2	4.4	4.8	2.6	Cast iron	Yes, less	Yes			Yes
7/8/2019	29T01	LYNDALE AVE S		One-Way Directional	2010-101	6	4	2.0	0.4		0.4	2.9	2.7	1.6	2.9	0.2	Cast iron	Yes, less	Yes			No
7/8/2019	29U01	LYNDALE AVE S		One-Way Directional	2010-101	5	8	1.9	1.7		2.9	1.3	2.1	2.8	1.4	0.5	Cast iron	Yes, less	Yes			Yes
7/8/2019	31N51-01	LYNDALE AVE S			2014-101						2.1	1.2			1.4	0.2	Cast iron	Yes, less	Yes			Yes
7/8/2019	31N51-02	LYNDALE AVE S		One-Way Directional	2014-101						1.9	1.9			2.9	1.8	Cast iron	Yes, less	Yes			Yes
7/8/2019	31O51-01	LYNDALE AVE S		One-Way Directional	2014-101	4	8	1.2	1.1		5.2	0.1			0.5	0.3	Cast iron	Yes, less	Yes			Yes
7/8/2019	31O51-02	LYNDALE AVE S		One-Way Directional	2014-101	5	8	0.1	1.6		6.1	0.1			0.7	1.6	Cast iron	Yes, less	Yes			Yes
7/8/2019	31P51.01	LYNDALE AVE S		One-Way Directional	2014-101						1.6	1.3			0.3	0.3	Cast iron	Yes, less	Yes			Yes
7/8/2019	31P51-02	LYNDALE AVE S		One-Way Directional	2014-101						0.7	0.7			1.7	0.6	Cast iron	Yes, less	Yes			Yes
7/8/2019	31S51	LYNDALE AVE S		One-Way Directional	2014-101	5	8	0.5	1.2		5.6	1.9			1.2	0.2	Cast iron	Yes, less	Yes			Yes
7/8/2019	31T51	LYNDALE AVE S		One-Way Directional	2014-101	5	8	1.8	0.3		6.5	0.6			1.0	0.1	Cast iron	Yes, less	Yes			Yes
7/8/2019	31W51	LYNDALE AVE S			2010-101	4	8	1.8	0.1		0.5	0.3	5.3	0.2	4.5	0.7	Cast iron	Yes, less	Yes			Yes
7/8/2019	31X51	LYNDALE AVE S			2010-101	4	6	1.4	1.2		0.8	3.4	3.8	2.5	5.2	0.3	Cast iron	Yes, less	Yes			No
7/8/2019	39U51	LYNDALE AVE S				4	6	1.7	0.3		7.7	4.1					None					No
7/8/2019	92K01-03	LYNDALE AVE S		One-Way Directional	2010-101	6	6	0.3	1.1		8.1	1.6			1.8	1.0	Cast iron	Yes, less	Yes			Yes
7/8/2019	31L52	LYNDALE AVE S	W 95TH ST		2010-101						4.1	1.2	1.1	8.1	0.6	1.9	Cast iron	Yes, less	Yes			Yes
7/8/2019	34L51-02	LYNDALE AVE S	W 95TH ST	Combined Directional	2010-101	5	5	0.1	3.8		2.7	1.2	2.0	0.1	1.0	0.1	Cast iron	Yes, less	Yes			Yes
7/8/2019	29M01-01	LYNDALE AVE S	W 96TH ST	Parallel	2014-101	7	4	1.3	2.0		11.1	0.3	0.3	5.0	0.2	0.9	Cast iron	Yes, less	Yes			No
7/8/2019	29M01-02	LYNDALE AVE S	W 96TH ST	One-Way Directional	2010-101	5	7	2.2	1.8		6.2	4.2	2.4	0.5	1.9	0.7	Cast iron	Yes, less	Yes			No
7/8/2019	29N01	LYNDALE AVE S	W 96TH ST	One-Way Directional	2010-101	5.5	7	3.7	0.9		5.2	5.0	2.8	0.0	2.6	2.7	Cast iron	Yes, less	Yes			No
7/8/2019	29J01-02	LYNDALE AVE S		One-Way Directional	2010-101						3.5	0.3			2.3	0.6	Cast iron	Yes, less	Yes			Yes
7/8/2019	22V52	OLD CEDAR AVE S	CEDAR CIR	Perpendicular	2016-204	12	12	1.3	1.7		6.0	2.3	4.9	2.9	5.1	0.5	Cast iron	Yes, less	Yes			No
7/8/2019	24V01	OLD CEDAR AVE S	CEDAR CIR	Perpendicular	2016-204	8	12	2.2	1.0		0.6	3.2	5.6	3.9	5.4	0.6	Cast iron	Yes, less	Yes			No
7/2/2019	21Z35	15TH AVE S	E 90TH ST	One-Way Directional	2016-101	6	4	2.2	0.6		6.2	0.6	0.9	2.3	4.2	2.3	Cast iron	Yes, less	Yes			No
7/2/2019	21Z36	15TH AVE S	E 90TH ST	One-Way Directional	2016-101	6	4	1.9	1.1		6.1	0.7	1.4	5.9	2.5	2.5	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A35	15TH AVE S	E 90TH ST	One-Way Directional	2016-101	4.5	4.5	1.9	1.5		5.2	0.5	0.2	10.0	2.0	1.0	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A36	15TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	2.5	0.5		3.7	1.5	0.0	7.4	2.6	3.5	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z42	16TH AVE S	E 90TH ST	One-Way Directional	2016-101	4.5	4	1.3	0.6		8.2	1.1	0.5	3.5	3.2	4.2	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A42	16TH AVE S	E 90TH ST	One-Way Directional	2016-101	4	4	2.0	0.6		2.2	1.5	1.0	0.6	0.2	2.8	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A43	16TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	0.7	2.0		2.6	0.9	0.2	2.5	0.9	2.1	Cast iron	Yes, less	Yes			Yes
7/2/2019	24Z43	16TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	1.2	1.2		4.2	1.7	1.3	6.3	1.8	3.4	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z48	18TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	0.0	1.7		8.2	0.1	1.5	5.1	4.6	4.6	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z49-01	18TH AVE S	E 90TH ST	Combined Directional	2016-101	4	4	0.2	0.6		3.8	0.6	0.6	0.7	2.1	1.1	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z49-02	18TH AVE S	E 90TH ST	Combined Directional	2016-101	4	4	0.6	0.7		3.4	1.8	1.9	1.4	3.5	3.3	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A48	18TH AVE S	E 90TH ST	One-Way Directional	2016-101	4	4	1.4	1.8		4.0	1.7	1.1	5.5	1.6	3.7	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A49-01	18TH AVE S	E 90TH ST	Combined Directional	2016-101	4	4	1.5	1.0		4.2	0.9	1.1	4.2	1.1	3.2	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A49-02	18TH AVE S	E 90TH ST	Combined Directional	2016-101	4	4	1.0	1.5		2.9	0.7	0.7	5.1	0.9	2.6	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z39	BLOOMINGTON AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	1.0	1.6		5.1	0.8	1.9	4.8	1.6	1.9	Cast iron	Yes, less	Yes			Yes
7/2/2019	21Z40	BLOOMINGTON AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	1.5	1.5		6.1	1.6	0.3	5.1	1.2	1.9	Cast iron	Yes, less	Yes			Yes
7/2/2019	22A39	BLOOMINGTON AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	1.6	1.2		5.7	2.7	2.0	0.1	0.5	4.7	Cast iron	Yes, less	Yes			No
7/2/2019	22A40	BLOOMINGTON AVE S	E 90TH ST	One-Way Directional	2016-101	4	4	2.2	1.7		4.3	1.5	0.4	1.3	2.6	1.3	Cast iron	Yes, less	Yes			Yes
7/2/2019	05N01	LYNDALE AVE S	W 80TH ST	One-Way Directional	2002-204	5	8	2.5	3.6		1.1	1.8	1.4	5.3	1.3	1.8	Colored concrete	Yes, less	Yes			Yes
7/2/2019	05O01	LYNDALE AVE S	W 80TH ST	One-Way Directional	2002-204	8	8	2.5	0.1		1.1	1.1	0.5	3.8	1.5	2.7	Colored concrete	Yes, less	Yes			Yes
7/1/2019	31M47	ALDRICH AVE S	W 96TH ST	Perpendicular	2014-101	6	6	1.6	1.1		7.9	0.6	0.1	4.0	1.1	3.1	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/1/2019	32L15	LOGAN AVE S	W OLD SHAKOPEE RD	Combined Directional	2017-102	9	6	1.1	1.3		3.0	1.4	0.3	5.0	0.4	3.8	Cast iron	Yes, less	Yes			Yes
7/1/2019	32M14E	LOGAN AVE S	W OLD SHAKOPEE RD	Combined Directional	2017-102	4.58	7	1.3	1.9		6.1	1.9	5.3	5.9	2.4	0.8	Cast iron	Yes, less	Yes			Yes
7/1/2019	32M15	LOGAN AVE S	W OLD SHAKOPEE RD	Combined Directional	2017-102	7	6	0.5	1.0		3.8	1.3	2.8	0.9	4.6	5.8	Cast iron	Yes, less	than 3" Gap			Yes
7/1/2019	33L52	PENN AVE S	W 96TH ST	One-Way Directional	2013-102	5	5	1.2	3.4		3.6	1.0	3.8	3.7	0.7	7.2	Cast iron	Yes, less	Yes			Yes
6/28/2019	37N31-01		HERITAGE HILLS DR	Perpendicular							9.2	0.8			1.6	1.0	None					No
6/28/2019	34Z15	ABBOTT AVE S	W 102ND ST	One-Way Directional	2011-102	4	4	0.4	8.5		2.2	2.2	2.0	6.1	2.3	2.6	Cast iron	Yes, less	Yes			No
6/28/2019	34Z16	ABBOTT AVE S	W 102ND ST	One-Way Directional	2011-102	5	4	0.8	9.8		2.6	0.4	5.9	3.3	3.5	6.0	Cast iron	Yes, less	Yes			Yes
6/28/2019	34Z11	BEARD AVE S	W 102ND ST	One-Way Directional	2007-101	5	4	1.5	4.5		6.7	0.4	0.2	8.2	1.5	9.9	Cast iron	Yes, less	than 3" Gap			No
6/28/2019	34Z12	BEARD AVE S	W 102ND ST	One-Way Directional	2007-101	5	4	1.9	0.9		1.8	1.3	2.8	9.2	2.2	4.4	Cast iron	Yes, less	than 3" Gap			No
6/28/2019	40M13	BEARD AVE S	W 108TH ST	Perpendicular	2017-101	4	5	0.2	2.0		8.3	0.3	0.5	3.5	1.1	3.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	40N14-01	BEARD AVE S	W 108TH ST	Fan	2017-101	6	4	1.5	1.3		1.4	1.9	0.8	0.9	1.8	6.9	Cast iron	Yes, less	Yes			Yes
6/28/2019	40N15-01	BEARD AVE S	W 108TH ST	Perpendicular	2017-101	4	4	1.6	3.1		7.4	2.9	0.2	3.6	1.4	4.3	Cast iron	Yes, less	Yes			No
6/28/2019	39A06	DREW AVE S	W 102ND ST	One-Way Directional	2011-102	4	4	1.1	0.4		0.7	1.6	2.4	8.9	1.6	5.5	Cast iron	Yes, less	Yes			Yes
6/28/2019	39A07	DREW AVE S	W 102ND ST	One-Way Directional	2011-102	5	4	1.0	4.3		0.1	0.2	1.4	4.5	3.0	2.7	Cast iron	Yes, less	Yes			Yes
6/28/2019	39C01	FRANCE AVE S	W 103RD ST	One-Way Directional	2016-101	5	4	1.2	1.9		1.8	0.9	0.4	0.2	2.1	2.2	Cast iron	Yes, less	Yes			Yes
6/28/2019	39D01	FRANCE AVE S	W 103RD ST	One-Way Directional	2016-101	6	5	0.4	1.2		7.1	0.5	1.1	0.1	2.1	0.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	39G01	FRANCE AVE S	W 104TH ST	One-Way Directional	2016-101	5	4	1.6	2.5		4.0	2.0	0.4	3.5	0.9	1.5	Cast iron	Yes, less	Yes			Yes
6/28/2019	39H01	FRANCE AVE S	W 104TH ST	One-Way Directional	2016-101	5	4	1.6	1.0		1.2	1.6	0.8	2.1	0.2	3.0	Cast iron	Yes, less	Yes			Yes
6/28/2019	40O01-01	FRANCE AVE S	W 108TH ST	One-Way Directional	2018-101	5	5	0.2	0.5	Yes	4.4	0.5	0.5	2.2	1.3	0.6	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/28/2019	38T52-1	FRANCE AVE S	W 109TH ST	One-Way Directional	2018-102	5	3.5	1.4	0.3		5.4	1.3	0.1	6.5	0.1	3.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	38T52-2	FRANCE AVE S	W 109TH ST	One-Way Directional	2018-102	4	5	5.0	2.0		5.4	1.6	0.8	0.7	0.5	4.5	Cast iron	Yes, less	Yes			No
6/28/2019	38Z48-01	GOODRICH AVE S	W 110TH ST	One-Way Directional	2018-102	5	4.5	0.2	2.0		5.0	1.7	0.4	2.8	1.1	2.0	Cast iron	Yes, less	Yes			Yes
6/28/2019	38Z49-01	GOODRICH AVE S	W 110TH ST	One-Way Directional	2018-102	5	5	1.3	2.4		7.3	2.0	0.5	6.5	1.5	0.8	Cast iron	Yes, less	Yes			No
6/28/2019	38Z45-01	HARRISON AVE S	W 110TH ST	One-Way Directional	2018-102	5.5	5	1.3	1.4		7.8	1.1	1.5	2.0	2.3	1.9	Cast iron	Yes, less	Yes			Yes
6/28/2019	38Z46-01	HARRISON AVE S	W 110TH ST	One-Way Directional	2018-102	5	5	4.7	0.5		6.0	1.6	1.9	0.8	1.4	1.8	Cast iron	Yes, less	Yes			No
6/28/2019	36Z46-01	HARRISON RD	W 102ND ST	One-Way Directional	2011-102	5	4	1.2	1.2		3.7	0.8	0.6	6.5	0.5	1.2	Cast iron	Yes, less	Yes			Yes
6/28/2019	37W27-01	HERITAGE HILLS CIR	HERITAGE HILLS DR	One-Way Directional	2017-102	6	5	2.0	1.2		1.2	1.8	4.2	1.2	4.1	2.6	Cast iron	Yes, less	Yes			Yes
6/28/2019	37X26-01	HERITAGE HILLS CIR	HERITAGE HILLS DR	One-Way Directional	2017-102	5	4	2.5	1.6		2.2	1.9	0.6	4.0	1.7	3.5	Cast iron	Yes, less	Yes			Yes
6/28/2019	37O29-01	HERITAGE HILLS DR	HERITAGE HILLS CIR	One-Way Directional	2017-102	4	4	0.5	2.0		2.3	1.0	1.0	0.5	1.3	5.7	Cast iron	Yes, less	Yes			Yes
6/28/2019	37O30-01	HERITAGE HILLS DR	HERITAGE HILLS CIR	One-Way Directional	2017-102	4	4	0.5	0.5		7.2	1.9	3.0	3.6	4.2	1.1	Cast iron	Yes, less	Yes			Yes
6/28/2019	37P27-01	HERITAGE HILLS DR	LITTLE RD	One-Way Directional	2017-102	4	4	2.9	1.1		1.2	3.2	1.5	5.5	0.2	3.1	Cast iron	Yes, less	Yes			No
6/28/2019	37R26-01	HERITAGE HILLS DR	MORRIS RD	One-Way Directional	2017-102	4	4	2.2	1.2		3.8	0.9	2.6	3.9	1.5	2.8	Cast iron	Yes, less	Yes			Yes
6/28/2019	37S27-01	HERITAGE HILLS DR	MORRIS RD	One-Way Directional	2017-102	4	5	0.3	1.5		1.5	1.6	1.2	0.4	1.3	5.6	Cast iron	Yes, less	Yes			Yes
6/28/2019	37T27-01	HERITAGE HILLS DR	MORRIS RD	One-Way Directional	2017-102	5	5	1.3	0.7		1.6	1.1	0.1	0.8	1.5	2.6	Cast iron	Yes, less	Yes			Yes
6/28/2019	37T28-01	HERITAGE HILLS DR	MORRIS RD	Perpendicular	2017-102	5	6	1.9	0.5		2.1	0.5	0.6	1.6	3.3	3.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	37T28-02	HERITAGE HILLS DR	MORRIS RD	One-Way Directional	2017-102	4.5	5	0.6	0.3		1.5	0.7	1.0	2.8	0.8	2.0	Cast iron	Yes, less	Yes			Yes
6/28/2019	37T29	HERITAGE HILLS DR	MORRIS RD	One-Way Directional	2017-102	5	4	3.0	1.4		2.1	1.4	0.6	4.3	0.1	2.8	Cast iron	Yes, less	Yes			Yes
6/28/2019	38Z42-01	IRWIN AVE S	W 110TH ST	One-Way Directional	2018-102	5	5	0.9	1.5		7.4	0.3	0.8	8.3	0.5	1.9	Cast iron	Yes, less	Yes			Yes
6/28/2019	53A43-01	IRWIN AVE S	W 110TH ST	One-Way Directional	2018-102	5	5	3.9	1.0		2.9	0.5	2.1	2.7	0.2	3.2	Cast iron	Yes, less	Yes			Yes
6/28/2019	36Z42-01	IRWIN RD	W 102ND ST	One-Way Directional	2011-102						2.2	1.1	0.5	1.1	0.5	3.6	Cast iron	Yes, less	Yes			Yes
6/28/2019	36Z42-02	IRWIN RD	W 102ND ST	One-Way Directional	2011-102	6	4	1.8	0.6		3.5	0.1	0.4	0.7	1.6	2.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	37O38-02	JOHNSON AVE S	HERITAGE HILLS DR	Combined Directional	2017-102	7	7	4.2	0.5		0.0	1.5	1.8	0.9	0.3	7.3	Cast iron	Yes, less	Yes			Yes
6/28/2019	37A40-03	JOHNSON AVE S	W 102ND ST	Perpendicular	2011-102	5	9	1.9	2.0		4.8	1.9	2.3	1.1	1.9	2.5	Cast iron	Yes, less	Yes			Yes
6/28/2019	37A41-01	JOHNSON AVE S	W 102ND ST	One-Way Directional	2011-102	4	4	3.6	1.6		2.6	4.6	2.3	6.7	1.3	0.5	Cast iron	Yes, less	Yes			No
6/28/2019	38D18	JOHNSON RD	HERITAGE HILLS DR	One-Way Directional	2017-102	4	5	2.2	3.8		3.2	3.1	5.1	6.7	4.1	1.8	Cast iron	Yes, less	Yes			No
6/28/2019	38D19	JOHNSON RD	HERITAGE HILLS DR	One-Way Directional	2017-102	4.5	4	0.0	13.1		9.5	3.2	3.1	6.2	4.7	3.5	Cast iron	Yes, less	Yes			No
6/28/2019	77V08	LOUISIANA CIR	LOUISIANA AVE S	One-Way Directional	2013-102	6	6	0.9	2.2		4.2	0.3	0.8	6.1	2.6	4.4	Cast iron	Yes, less	Yes			Yes
6/28/2019	25K08	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Perpendicular	2016-204	5	5	0.6	3.5		4.5	1.0	1.0	6.9	0.7	1.4	Cast iron	Yes, less	Yes			Yes
6/28/2019	21N06	PARK AVE S	E 88TH ST	Tiered Perpendicular		5	5	1.2	3.6		3.6	1.6	0.6	7.4	1.6	2.9	None					No
6/28/2019	30F51	PORTLAND AVE S	E 99TH ST	Diagonal	2004-102	5	5	3.2	3.6		5.8	1.3	0.5	9.3	1.1	2.2	Colored concrete	Yes, less	than 3" Gap			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/28/2019	30G51-01	PORTLAND AVE S	E 99TH ST		2004-102	5	4	0.2	4.6		1.3	2.3	1.2	5.9	0.8	2.7	Colored concrete					No
6/28/2019	30G51-02	PORTLAND AVE S	E 99TH ST	Combined Directional	2010-102	4	5	5.0	0.2		6.7	4.2	0.9	5.3	1.0	4.0	Cast iron	Yes, less	Yes			No
6/28/2019	3.80E+17	RICH RD	HERITAGE HILLS DR	Combined Directional	2017-102	5	4	1.5	1.0		1.7	1.5	6.1	2.7	2.0	1.5	Cast iron	Yes, less	than 3" Gap			Yes
6/28/2019	38D16	RICH RD	HERITAGE HILLS DR	Combined Directional	2017-102	4.5	20	1.8	1.0		0.4	2.9	3.0	0.9	2.5	0.9	Cast iron	Yes, less	than 3" Gap			No
6/28/2019	69W47-01	W BUSH LAKE RD	LINDSTROM DR	Depressed Corner	2009-101						8.0	4.7		3.5	1.1	3.6	Cast iron					No
6/28/2019	69X46-01	W BUSH LAKE RD	LINDSTROM DR	One-Way Directional	2009-101	5	5	2.8	10.8		11.4	1.0	5.3	5.1	5.2	0.0	Cast iron	Yes, less	Yes			No
6/28/2019	69D41	W BUSH LAKE RD	W BUSH LAKE PARK	Perpendicular	2010-401	6	6	0.2	4.1		7.1	0.0	0.9	1.3	0.4	0.8	Cast iron	Yes, less	than 3" Gap			No
6/28/2019	75K01	WILDWOOD CIR	W 102ND ST	One-Way Directional	2011-102	6	4	0.3	0.0		1.7	1.0	0.3	2.3	1.3	0.4	Cast iron	Yes, less	Yes			Yes
6/28/2019	75L01	WILDWOOD CIR	W 102ND ST	One-Way Directional	2011-102	5	4	4.7	4.6		1.2	0.7	1.2	3.6	0.5	0.6	Cast iron	Yes, less	Yes			Yes
6/28/2019	40M19	ZENITH AVE S	W 108TH ST	One-Way Directional	2017-101	8	5	1.7	3.4		11.5	1.9	0.8	4.0	1.6	1.5	Cast iron	Yes, less	Yes			No
6/28/2019	40M20	ZENITH AVE S	W 108TH ST	One-Way Directional	2017-101	5	5	1.6	0.9		4.5	0.9	0.2	4.9	3.5	5.5	Cast iron	Yes, less	Yes			Yes
6/27/2019	22A26	12TH AVE S	E 90TH ST	One-Way Directional	2011-101	6	4	1.7	1.6		3.1	1.4	1.7	7.8	1.7	1.6	Cast iron	Yes, less	Yes			Yes
6/27/2019	22A29	13TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	1.6	1.3		3.5	1.6	0.1	3.9	2.2	3.3	Cast iron	Yes, less	Yes			Yes
6/27/2019	22A30	13TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4.5	3.6	2.7		3.6	3.4	0.1	5.4	2.3	3.4	Cast iron	Yes, less	Yes			No
6/27/2019	22A32	14TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	5	1.1	1.3		2.6	1.3	0.1	5.2	1.4	3.7	Cast iron	Yes, less	Yes			Yes
6/27/2019	22A33	14TH AVE S	E 90TH ST	One-Way Directional	2016-101	5	4	3.4	4.4		4.4	3.9	0.3	3.4	0.6	4.2	Cast iron	Yes, less	Yes			No
6/27/2019	74C12	LOUISIANA AVE S	LOUISIANA CIR	One-Way Directional	2012-102	6	5	0.5	3.0		3.9	2.6	1.7	3.4	1.9	4.4	Cast iron	Yes, less	Yes			No
6/27/2019	13F12	NINE MILE CREEK PKWY	NINE MILE CREEK CIR	Depressed Corner	2009-102	5.2	5.8	2.9	1.0		9.0	0.8		17.5	1.5	3.4	Cast iron					No
6/27/2019	13C12	NINE MILE CREEK PKWY	W 86TH ST	Diagonal	2009-102	5	5	2.6	1.2		8.9	1.1	0.6	20.9	1.3	4.4	Cast iron	No, more	No, reconstruct to correct			No
6/27/2019	13F13	NINE MILE CREEK PKWY	W 86TH ST	Diagonal	2009-102	5.5	5	4.3	2.9		7.2	3.8	5.0	3.2	1.5	2.3	Cast iron	No, more	No, reconstruct to correct			No
6/27/2019	56N35	NORMAN CENTER DR	W 84TH ST	Perpendicular	2016-102	5	6	1.3	2.5		1.3	0.1	1.6	6.0	1.8	4.0	Cast iron	Yes, less	Yes			Yes
6/27/2019	56O35-01	NORMAN CENTER DR	W 84TH ST	One-Way Directional	2016-102	5	7.5	0.3	1.8		7.8	2.0	0.7	4.8	0.5	1.4	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/27/2019	56P35	NORMAN CENTER DR	W 84TH ST	Perpendicular	2016-102	8	6	2.0	0.8		5.2	3.3	5.0	6.1	4.5	4.4	Cast iron	Yes, less	Yes			No
6/27/2019	56P36-02	NORMAN CENTER DR	W 84TH ST		2016-102	4.5	6	0.3	1.9		4.7	1.6	1.7	3.8	2.0	1.9	Cast iron	Yes, less	Yes			Yes
6/27/2019	13D15-02	RICH AVE S	W 86TH ST	Diagonal	2009-102	4.5	5	2.3	2.8		6.1	0.6	3.6	5.6	2.1	7.6	Cast iron	No, more	No, reco	No, reco	Yes	No
6/27/2019	13E15-02	RICH RD	W 86TH ST	Diagonal	2009-102	4	5	3.0	3.4		9.6	6.2	0.6	7.2	3.3	6.0	Cast iron	No, more	No, reco	Yes	Yes	No
6/26/2019	21Z26	12TH AVE S	E 90TH ST	One-Way Directional	2011-101	6	4.5	1.1	2.8		2.9	0.8	1.6	9.9	5.6	3.8	Cast iron	Yes, less	Yes			Yes
6/26/2019	21Z27	12TH AVE S	E 90TH ST	Fan	2016-101	3	7	1.6	1.0		1.7	0.6	1.6	2.9	0.6	2.2	Cast iron	Yes, less	Yes			Yes
6/26/2019	22A25	12TH AVE S	E 90TH ST	Perpendicular	2011-101	4.5	6	2.8	1.9		1.9	1.6	1.2	6.1	0.8	3.4	Cast iron	Yes, less	Yes	No, write exception		Yes
6/26/2019	22A27	12TH AVE S	E 90TH ST	Fan	2016-101	3.5	6	0.4	1.9		1.2	0.0	0.1	3.7	0.1	1.5	Cast iron	Yes, less	Yes			Yes
6/26/2019	68L46	COLORADO RD	DAKOTA RD	Perpendicular	2009-102	5	6	0.5	2.2		16.1	0.1	0.2	3.8	1.0	4.4	Cast iron	Yes, less	Yes			No
6/26/2019	68M46	COLORADO RD	DAKOTA RD	Combined Directional	2009-102	4	7	0.4	6.4		6.8	1.5	1.3	1.0	0.8	1.2	Cast iron	Yes, less	Yes			No
6/26/2019	68M47	COLORADO RD	DAKOTA RD	Diagonal	2009-102	5	4	2.0	2.0		5.5	1.9	0.9	5.2	1.6	2.8	Cast iron	Yes, less	Yes			Yes
6/26/2019	6.80E+45	DAKOTA RD	W 99TH ST	One-Way Directional	2009-102	4.5	4	0.9	1.9		10.5	0.5	0.5	9.9	0.9	0.6	Cast iron	Yes, less	No, reconstruct to correct			No
6/26/2019	58Z16	E BUSH LAKE RD	W 86TH ST	Diagonal	2016-102	18	10	0.4	0.3		0.5	1.6	2.6	6.0	3.6	4.5	Cast iron	Yes, less	Yes			Yes
6/26/2019	66A38	NESBITT AVE S	DAKOTA RD	Perpendicular	2016-102	5	5	1.9	0.2		3.6	2.0	0.8	9.4	1.4	3.5	Cast iron	Yes, less	Yes			No
6/26/2019	68U52	NESBITT AVE S	W 101ST ST	One-Way Directional	2016-102	5	4	0.3	0.5		1.5	1.6	2.0	9.0	2.0	5.1	Cast iron	Yes, less	Yes			Yes
6/26/2019	68V52	NESBITT AVE S	W 101ST ST	One-Way Directional	2016-102	5	4	1.2	2.0		7.3	0.3	3.1	6.3	2.7	1.7	Cast iron	Yes, less	Yes			Yes
6/26/2019	66A52	NESBITT AVE S	W 102ND ST	One-Way Directional	2016-102	5	5	0.7	1.2		2.9	0.4	2.6	7.0	3.5	1.6	Cast iron	Yes, less	Yes			Yes
6/26/2019	68X52	NESBITT AVE S	W 102ND ST	One-Way Directional	2016-102	5	4	2.8	0.7		0.3	1.8	0.1	5.2	0.0	4.5	Cast iron	Yes, less	No, write exception			No
6/26/2019	68Y52	NESBITT AVE S	W 102ND ST	One-Way Directional	2016-102	5	4	1.8	6.3		3.8	1.2	1.2	5.7	1.0	0.8	Cast iron	Yes, less	Yes			No
6/26/2019	68Z52	NESBITT AVE S	W 102ND ST	Perpendicular	2016-102	4	5	0.7	2.2		3.5	2.8	0.6	12.8	1.2	5.0	Cast iron	Yes, less	Yes			No
6/25/2019	32G49-01	ALDRICH AVE S	W 99TH ST	One-Way Directional		6	6	1.5	0.5		6.6	1.3			1.4	0.4	None					No
6/25/2019	32G49-02	ALDRICH AVE S	W 99TH ST	One-Way Directional		6	6	2.5	1.3		1.8	4.0	1.8	0.2			None					No
6/25/2019	29I8	GRAND AVE S	W 95TH ST	One-Way Directional	2007-101	6	5	2.0	1.3		9.9	1.2	0.2	5.3	0.1	7.1	Cast iron	Yes, less	Yes, 5' or less from BOC			No
6/25/2019	42M26	HUMBOLDT AVE S	BLISS LN	One-Way Directional	2016-102	5	4	0.3	1.6		4.8	1.3	1.7	2.4	1.6	4.3	Cast iron	Yes, less	Yes			Yes
6/25/2019	42m27	HUMBOLDT AVE S	BLISS LN	One-Way Directional	2016-102	6	4.5	1.6	0.2		3.1	1.0	0.9	4.1	0.4	2.0	Cast iron	Yes, less	Yes			Yes
6/25/2019	31H51-1	LYNDALE AVE S	W 95TH ST		2010-101	7	9	2.6	0.6		2.9	1.8	0.7	2.2	2.3	1.0	Cast iron		Yes			Yes
6/25/2019	31I51-01	LYNDALE AVE S	W 95TH ST		2010-101	6	5	3.8	0.6		3.2	3.2	2.8	0.1	1.1	1.3	Cast iron	Yes, less	Yes			No
6/25/2019	42N02-01	OVERLOOK DR	W 108th St	Parallel	2017-101	5	4	0.2	4.3		7.2	1.2	2.7	4.3	2.5	3.4	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/25/2019	10Z52	PENN AVE S	W 86TH ST	Diagonal	2018-101						0.5	1.7	1.0	2.9	1.0	5.3	Cast iron	Yes, less	Yes			No
6/25/2019	40M45	RUSSELL AVE S	W 108TH ST	One-Way Directional	2017-101	6	4.5	3.2	0.7		7.4	0.2	0.2	4.3	1.2	3.8	Cast iron	Yes, less	Yes			No
6/25/2019	40M46	RUSSELL AVE S	W 108TH ST		2017-101	4	4.5	5.6	0.6		4.7	5.5	1.7	6.1	0.4	3.9	Cast iron	Yes, less	Yes			No
6/25/2019	15A32-01	VINCENT AVE S	W 86TH ST	Diagonal	2016-101	6	5	1.6	6.1		4.3	1.9	1.7	6.2	1.7	2.6	Cast iron	Yes, less	Yes			Yes
6/25/2019	15A33-01	VINCENT AVE S	W 86TH ST	Diagonal	2016-101	6	5	0.5	2.9		6.0	0.2	0.4	5.8	1.9	6.6	Cast iron	Yes, less	Yes			No
6/25/2019	15J-26-01	XERXES AVE S	W 87 1/2 ST	Diagonal	2016-101	6	5	1.9	2.0		2.1	1.6	1.5	4.6	3.6	7.3	Cast iron	Yes, less	Yes			Yes
6/25/2019	15J27	XERXES AVE S	W 87 1/2 ST	One-Way Directional	2016-101	5	5	1.0	2.2		4.2	1.5	2.9	6.2	3.3	5.8	Cast iron	Yes, less	Yes			Yes
6/24/2019	4N26-1	12TH AVE S	E 84TH ST	Perpendicular	2018-102	4.5	4.4	1.8	1.4		2.3	0.8	0.8	2.3	0.1	4.4	Cast iron	Yes, less	No, reconstruct to correct			No
6/24/2019	4N26-2	12TH AVE S	E 84TH ST	Perpendicular	2018-102	5	5	1.6	3.3		2.4	1.3	0.1	8.3	0.5	8.5	Cast iron	Yes, less	No, reconstruct to correct			No
6/24/2019	21M39	BLOOMINGTON AVE S	E 88TH ST	Diagonal	2016-501	6	8	0.3	1.1		5.2	0.2	2.1	1.2	0.4	0.7	Cast iron	Yes, less	Yes			Yes
6/24/2019	4N16-1	EILLIOT AVE S	E 84TH ST	One-Way Directional	2018-101	5	4	0.4	2.9		6.5	0.2	0.2	2.3	1.8	4.5	Cast iron	Yes, less	Yes			No
6/24/2019	4N17-1	EILLIOT AVE S	E 84TH ST	One-Way Directional	2018-101	5	4				4.6	1.7	0.3	6.2	1.2	1.6	Cast iron	Yes, less	Yes			Yes
6/24/2019	19A52	PORTLAND AVE S	E 86TH ST	Depressed Corner	2017-102	4	7	0.4	3.1		5.1	0.8	0.1	2.9	0.2	4.7	Cast iron	Yes, less	Yes			No
6/24/2019	19Z52	PORTLAND AVE S	E 86TH ST	Depressed Corner	2017-102	5	4	1.8	0.7		2.4	0.6	0.5	8.6	1.5	3.2	Cast iron	Yes, less	Yes			Yes
6/24/2019	22A01-01	PORTLAND AVE S	E 90TH ST	One-Way Directional	2011-101	5	4	1.3	2.6		4.2	0.5	0.1	5.5	0.9	5.2	Cast iron	Yes, less	No, reconstruct to correct			No
6/24/2019	22A01-02	PORTLAND AVE S	E 90TH ST	One-Way Directional	2011-101	5	4	2.6	2.6		3.0	0.6	0.8	5.1	2.1	4.1	Cast iron	Yes, less	Yes			No
6/21/2019	21M19	10TH AVE S	E 88TH ST	One-Way Directional	2010-601	6	6	1.7	1.6		1.8	1.6	1.0	10.9	0.6	1.0	Cast iron	Yes, less	Yes			Yes
6/21/2019	4Z26	12TH AVE S	E 86TH ST	Parallel	2018-102	5.5	5	1.2	0.4		1.6	1.2	0.7	4.0	0.1	5.0	Cast iron	Yes, less	Yes			Yes
6/21/2019	4Z261	12TH AVE S	E 86TH ST	Parallel	2018-102	4.5	5	3.0	0.5		1.6	2.1	0.2	1.9	0.4	2.8	Cast iron		No, reconstruct to correct			No
6/21/2019	21Z25	12TH AVE S	E 90TH ST	Perpendicular	2011-101	4	5.5	2.7	1.8		3.1	2.9	0.9	6.8	0.2	5.4	Cast iron	Yes, less	Yes			No
6/21/2019	72R37-01	BLOOMINGTON FERRY RD	W 109TH ST	One-Way Directional							2.3	1.1		7.5	2.7	7.4	None					No
6/21/2019	04Z12	CHICAGO AVE S	E 86TH ST	Diagonal	2017-102	4	5	0.2	0.2		4.0	1.4	0.8	6.3	1.1	3.6	Cast iron	Yes, less	Yes			Yes
6/21/2019	21M12	CHICAGO AVE S	E 88TH ST	One-Way Directional	2010-601	6	6	0.8	0.5		4.0	0.8	1.3	13.3	1.2	2.2	Cast iron	Yes, less	Yes			Yes
6/21/2019	21M13	CHICAGO AVE S	E 88TH ST	One-Way Directional	2010-601	5	5	1.0	0.4		1.3	0.8	0.5	8.1	1.0	3.0	Cast iron	Yes, less	Yes			Yes
6/21/2019	21L16	ELLIOT AVE S	E 88TH ST	One-Way Directional	2010-601	6	6	1.6	3.8		8.2	1.7	0.8	7.0	0.8	1.5	Cast iron	Yes, less	Yes			No
6/21/2019	21L17	ELLIOT AVE S	E 88TH ST	One-Way Directional	2010-601	6	6	1.8	3.2		9.2	1.5	1.9	8.9	0.5	3.6	Cast iron	Yes, less	Yes			No
6/21/2019	78I24	HAMPSHIRE CUR	AUTO CLUB RD	One-Way Directional	2016-102	3	10	1.9	1.2		0.5	0.6	0.2	4.0	0.3	1.9	Cast iron	No, more	Yes			No
6/21/2019	78I25	HAMPSHIRE CUR	AUTO CLUB RD	Combined Directional	2016-102	6	9	3.5	0.1		3.6	2.9	2.0	2.5	2.6	2.5	Cast iron	Yes, less	Yes			No
6/21/2019	77W15	JERSEY RD	LOUISIANA AVE S	One-Way Directional	2011-103	7	7	1.2	4.2		4.7	0.1	0.3	8.1	0.7	3.6	Cast iron	Yes, less	Yes			No
6/21/2019	37N36-01	JOHNSON AVE S	HERITAGE HILLS DR	Combined Directional	2017-102	6	5	0.2	0.7		7.8	3.2	1.0	6.2	0.1	0.3	Cast iron	Yes, less	Yes			No
6/21/2019	37N37-01	JOHNSON AVE S	HERITAGE HILLS DR	Combined Directional	2017-102	5	6	0.7	0.7		4.1	1.1	1.8	2.8	0.8	1.8	Cast iron	Yes, less	Yes			Yes
6/21/2019	37N38-02	JOHNSON AVE S	HERITAGE HILLS DR	Perpendicular	2017-102	6.5	5	0.8	1.8		7.0	1.0	1.3	0.9	2.7	0.6	Cast iron	Yes, less	Yes			Yes
6/21/2019	37O37-01	JOHNSON AVE S	HERITAGE HILLS DR	One-Way Directional	2017-102	5	5	0.5	1.5		6.8	3.5	9.7	4.8	12.3	0.1	Cast iron	Yes, less	Yes			No
6/21/2019	37O38-01	JOHNSON AVE S	HERITAGE HILLS DR	Combined Directional	2017-102	7	7	0.7	4.7		8.9	1.5	4.2	0.8	3.4	3.1	Cast iron	Yes, less	Yes			No
6/21/2019	37T35-01	JOHNSON AVE S	MORRIS RD	Diagonal	2018-101	2	6	0.8	0.8		1.8	0.9	2.6	2.8	2.1	6.1	Cast iron	Yes, less	Yes			Yes
6/21/2019	37I35	JOHNSON AVE S	OLSON ELEMENTARY		2016-203	4	8	0.2	1.3		1.7	0.3	0.0	3.9	0.1	2.5	Cast iron	Yes, less	Yes			Yes
6/21/2019	37I40-02	JOHNSON AVE S	OLSON ELEMENTARY	Perpendicular	2016-203	4	7	1.6	1.2		3.0	1.2	2.8	2.1	3.9	2.8	Cast iron	Yes, less	Yes			Yes
6/21/2019	37I40-02	JOHNSON AVE S	OLSON ELEMENTARY	Perpendicular	2016-203	5	6	0.3	1.3		2.7	0.5	1.2	0.1	1.2	2.3	Cast iron	Yes, less	Yes			Yes
6/21/2019	37I41	JOHNSON AVE S		Perpendicular	2016-203	5	6	1.9	1.6		1.4	1.2	1.3	1.0	1.4	2.7	Cast iron	Yes, less	Yes			Yes
6/21/2019	37W36-01	KELL AVE S	JOHNSON AVE	One-Way Directional	2018-101	5	4.5	0.5	2.7		5.8	3.5	1.9	2.9	1.9	5.1	Cast iron	Yes, less	Yes			No
6/21/2019	37X35-01	KELL AVE S	JOHNSON AVE	One-Way Directional	2018-101	4	4	3.4	3.6		3.9	5.8	5.9	7.0	7.1	6.9	Cast iron	Yes, less	Yes			No
6/21/2019	38J36-01	KELL AVE S	W OLD SHAKOPEE RD	One-Way Directional	2016-203	5	5.5	1.3	0.2		5.9	1.6	0.9	0.9	4.5	14.8	Cast iron	Yes, less	Yes			Yes
6/21/2019	7.80E+12	KENMARE DR	KENMARE DR	Perpendicular	2013-102	5	5	0.6	5.0		6.0	1.5	3.0	4.0	3.9	5.0	Cast iron	Yes, less	Yes			No
6/21/2019	78F11	KENMARE DR	KENMARE DR	Perpendicular	2013-102	6	5	1.1	3.3		1.3	3.9	5.6	2.2	6.6	10.2	Cast iron	Yes, less	than 3" Gap			No
6/21/2019	77N11	LOUISIANA AVE S	W 113TH ST	Combined Directional	2011-102	5	7	2.8	2.1		6.5	2.0	1.8	5.0	3.1	3.7	Cast iron	Yes, less	Yes			No
6/21/2019	77N12	LOUISIANA AVE S	W 113TH ST	One-Way Directional	2011-102	5	5	0.2	3.4		8.1	1.7	1.4	2.1	0.2	6.0	Cast iron	Yes, less	Yes			No
6/21/2019	77V09	LOUISIANA CIR	LOUISIANA AVE S	One-Way Directional	2013-102	7	6	0.9	1.1		3.6	1.8	3.3	3.8	4.1	8.2	Cast iron	Yes, less	Yes			Yes
6/21/2019	78A08	MARYLAND AVE S	AUTO CLUB RD	Perpendicular	2011-102	5	6	1.7	3.3		5.6	3.3	1.6	6.2	0.1	2.9	Cast iron	Yes, less	Yes			No
6/21/2019	77O05-01	MINNESOTA BLUFFS DR	W 113TH ST	Perpendicular	2011-102	5	5	2.0	2.0		1.8	6.8	1.3	6.9	0.6	1.5	Cast iron	Yes, less	Yes			No
6/21/2019	77O05-02	MINNESOTA BLUFFS DR	W 113TH ST	One-Way Directional	2011-102	5	5	0.8	2.3		6.8	0.7	0.1	2.5	2.4	2.5	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/21/2019	77P05	MINNESOTA BLUFFS DR	W 113TH ST	Combined Directional	2011-102	5	4.5	2.1	1.3		5.2	4.6	0.6	6.0	0.8	1.4	Cast iron	Yes, less	Yes			No
6/21/2019	21Y52	OLD CEDAR AVE S	E 90TH ST	One-Way Directional	2017-802	5	6.5	0.2	1.8		1.8	1.4	1.1	0.6	0.4	2.5	Cast iron	Yes, less	Yes			Yes
6/21/2019	22A52-01	OLD CEDAR AVE S	E 90TH ST	One-Way Directional	2017-802	5	10	0.7	0.8		6.4	0.6	1.0	1.4	0.9	1.2	Cast iron	Yes, less	Yes			Yes
6/21/2019	22Z52	OLD CEDAR AVE S	E 90TH ST	One-Way Directional	2017-802	5	10	0.4	0.8		3.0	0.3	1.5	1.3	0.6	2.4	Cast iron	Yes, less	Yes			Yes
6/21/2019	23Y01	OLD CEDAR AVE S	E 90TH ST	One-Way Directional		5	5	3.2	1.4		10.4	1.9	1.1	3.4	0.3	0.4	None					No
6/21/2019	24A01	OLD CEDAR AVE S	E 90TH ST	One-Way Directional		6	5	1.7	1.5		2.4	1.5	0.2	1.7	0.3	1.5	None					No
6/21/2019	22K52	OLD CEDAR AVE S	E OLD SHAKOPEE RD	Perpendicular	2017-802	6	10	0.4	1.2		6.9	1.6	0.4	0.8	0.2	2.0	Cast iron	Yes, less	Yes			Yes
6/21/2019	22L52	OLD CEDAR AVE S	E OLD SHAKOPEE RD	One-Way Directional	2017-802	6	10	0.5	1.8		6.0	0.0	0.2	1.7	0.6	0.5	Cast iron	Yes, less	Yes			Yes
6/21/2019	22M51	OLD CEDAR AVE S	E OLD SHAKOPEE RD	One-Way Directional	2016-204	5	8	0.1	1.6		7.4	1.9	0.5	0.2	0.3	1.8	Cast iron	Yes, less	Yes			Yes
6/21/2019	22M52-01	OLD CEDAR AVE S	E OLD SHAKOPEE RD	Parallel	2016-204	5	10	0.7	0.7		7.3	1.7	1.0	3.4	1.6	1.4	Cast iron	Yes, less	Yes			Yes
6/21/2019	22M52-02	OLD CEDAR AVE S	E OLD SHAKOPEE RD	One-Way Directional	2016-204	8	6	0.7	0.7		0.1	0.1	0.8	2.2	1.0	1.2	Cast iron	Yes, less	Yes			Yes
6/21/2019	22M52-03	OLD CEDAR AVE S	E OLD SHAKOPEE RD	One-Way Directional	2016-204	5	10	1.2	0.2		0.8	5.7	1.4	0.2	0.6	1.0	Cast iron	Yes, less	Yes			No
6/21/2019	24L01-01	OLD CEDAR AVE S	E OLD SHAKOPEE RD	Perpendicular	2016-204	5	6	2.8	2.0		8.4	0.7	0.2	4.3	0.2	0.0	Cast iron	Yes, less	Yes			No
6/21/2019	77I01	OREGON AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	5	5	0.5	0.8		2.0	2.3	1.2	4.0	2.8	5.9	Cast iron	Yes, less	No, reconstruct to correct			No
6/21/2019	77J01	OREGON AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	5	5.5	0.0	0.8		1.7	9.6	1.6	6.9	1.4	4.3	Cast iron	Yes, less	Yes			No
6/21/2019	79I50	OREGON AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	5	5	3.5	1.9		4.8	5.9	0.7	2.9	1.3	3.3	Cast iron	Yes, less	Yes			No
6/21/2019	21N06-01	PARK AVE S	BISCHOFF LN	Combined Directional	2009-101	4	6	1.6	2.8		4.8	2.9	0.4	2.8	1.2	5.0	Cast iron	Yes, less	Yes			No
6/21/2019	21N06-02	PARK AVE S	BISCHOFF LN	Combined Directional	2009-101	5	5	3.5	3.2		3.5	2.9	1.2	6.7	0.6	5.7	Cast iron	Yes, less	Yes			No
6/21/2019	15A51-01	PENN AVE S	W 86TH ST	Parallel	2018-101						1.3	1.7	1.3	3.8	1.2	3.4	Cast iron	Yes, less	Yes			Yes
6/21/2019	17A01-01	PENN AVE S	W 86TH ST	Parallel	2010-101						5.9	0.8	0.9	3.8	0.5	6.2	Cast iron	Yes, less	Yes			<Null>
6/21/2019	17A01-02	PENN AVE S	W 86TH ST	Parallel	2010-101						4.4	0.9	0.9	4.8	1.8	5.0	Cast iron	Yes, less	Yes			Yes
6/21/2019	33M52	PENN AVE S	W 96TH ST	One-Way Directional	2013-102	5	5	5.1	1.4		7.4	3.4	1.5	4.6	2.7	3.4	Cast iron	Yes, less	Yes			No
6/21/2019	21Z01-01	PORTLAND AVE S	E 90TH ST	One-Way Directional	2011-101	4	4	0.7	1.3		2.5	3.6	1.7	5.9	3.4	4.6	Cast iron	Yes, less	Yes			No
6/21/2019	21Z01-02	PORTLAND AVE S	E 90TH ST	One-Way Directional	2011-101	7	4	2.7	2.9		11.4	0.4	2.3	10.8	0.6	5.4	Cast iron	Yes, less	Yes			No
6/21/2019	79G46	QUEBEC CIR	MINNESOTA BLUFFS DR	Combined Directional	2011-102	5	6.5	4.3	4.2		3.5	3.1	0.7	4.7	3.1	5.3	Cast iron					No
6/21/2019	15A39-02	THOMAS AVE S	W 86TH ST	Diagonal	2016-101	5	5	3.9	0.5		6.1	4.3	0.7	2.4	1.6	2.5	Cast iron	No, more	Yes			No
6/21/2019	79T45	W 114TH ST	AUTO CLUB RD	One-Way Directional	2011-102	5	5	1.3	3.0		8.3	0.3	1.5	4.7	2.0	2.7	Cast iron	Yes, less	Yes			No
6/21/2019	79R48	W 114TH ST CIR	W 114TH ST	Perpendicular	2011-102	5	5	3.6	1.0		2.9	5.4	7.4	5.3	6.8	5.5	Cast iron	Yes, less	than 3" Gap			No
6/21/2019	75O38	W OLD SHAKOPEE CIR	W OLD SHAKOPEE RD	Diagonal	1998-207	5	6	1.0	1.5		10.3	1.6	2.3	7.4	0.0	1.5	Exposed aggregate	Yes, less	Yes			No
6/21/2019	75P38	W OLD SHAKOPEE CIR	W OLD SHAKOPEE RD	Diagonal	1998-207	6	9	1.5	2.7		6.9	2.7	4.2	6.5	1.2	3.3	Exposed aggregate	Yes, less	Yes			No
6/21/2019	15A29-01	WASHBURN AVE S	W 86TH ST	Diagonal	2016-101	5	5	4.0	6.9		9.2	3.1	0.2	2.5	1.0	0.5	Cast iron	Yes, less	Yes			No
6/21/2019	15A30-01	WASHBURN AVE S	W 86TH ST	Diagonal	2016-101	4	5	1.9	1.4		0.5	2.1	1.7	4.6	3.4	1.8	Cast iron	Yes, less	Yes			No
6/21/2019	75L38	WHALEN AVE S	W OLD SHAKOPEE RD	Diagonal	2011-102	5	4	4.1	4.1		5.5	6.3	0.1	1.3	0.1	0.2	Cast iron	Yes, less	Yes			No
6/21/2019	75M38	WHALEN AVE S	W OLD SHAKOPEE RD	Diagonal	2011-102	5	4	5.2	1.1		5.9	4.8	3.0	6.0	2.9	2.9	Cast iron	Yes, less	Yes			No
6/21/2019	15A26-03	XERXES AVE S	W 86th St	One-Way Directional		5	4	0.2	7.5		16.0	0.8	3.7	6.2	2.7	3.8	None					No
6/20/2019	58R41	CHALET RD		Perpendicular	2012-102	3	4	0.4	1.7				2.8	8.4	3.2	5.1	None					No
6/20/2019	4Z13	CHICAGO AVE S	E 86TH ST	Diagonal	2017-102	4	5	1.3	1.5		4.6	1.8	2.7	13.5	1.4	3.1	Cast iron	Yes, less	Yes			Yes
6/19/2019	22A3-1	OAKLAND AVE S	E 90TH ST	Perpendicular	2011-101	5	4	3.4	1.2		2.4	3.9	1.3	1.9	0.7	2.1	Cast iron	Yes, less	Yes			No
6/18/2019	32C26	HUMBOLDT AVE S	W 98 1/2 ST	Perpendicular	2017-102	5	5	2.4	4.8		5.1	0.8	1.1	7.7	0.5	3.4	Cast iron	Yes, less	Yes			No
6/18/2019	32M22	IRVING AVE S	W 100TH ST	One-Way Directional		5	5	1.5	5.9		3.3	1.5	1.2	12.0	0.2	4.7	None					No
6/18/2019	32F21-02	IRVING AVE S	W OLD SHAKOPEE RD			5.5	6.5	4.8	0.5		16.1	2.6	3.3	3.8	1.8	3.6	None					No
6/18/2019	25J09	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD		2016-204						0.6	0.8	1.2	4.0	1.6	1.9	Cast iron	Yes, less	Yes			Yes
6/18/2019	25K07	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Perpendicular	2016-204	5	5	0.8	0.5		3.5	0.7	1.1	5.5	1.1	2.0	Cast iron	Yes, less	Yes			Yes
6/18/2019	25K09	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Perpendicular	2016-204	5	10	0.3	0.6		3.0	1.5	1.5	3.6	0.9	1.0	Cast iron	Yes, less	Yes			Yes
6/18/2019	25L07	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Perpendicular	2016-204	5	5	0.1	1.6		7.4	1.2	0.8	1.5	1.0	5.3	Cast iron	Yes, less	Yes			Yes
6/18/2019	59I42	TELEGRAPH RD		One-Way Directional	2016-102	3	8.5	3.4	4.4		0.4	3.0	2.5	8.2	4.3	4.3	Cast iron	Yes, less	Yes			No
6/17/2019	85Q01		E 81ST ST	One-Way Directional	2013-304	6	5	0.5	0.0		3.3	0.3	1.8	4.5	1.6	1.4	Cast iron	Yes, less	Yes			Yes
6/17/2019	4Z42	16TH AVE S	E 86TH ST	Parallel	2016-501	5	5	0.4	1.6		3.4	1.5	0.8	0.6	0.9	6.6	Cast iron	Yes, less	Yes			Yes
6/17/2019	4Z43	16TH AVE S	E 86TH ST	Parallel	2016-501	5	4.5	3.1	1.8		7.5	2.3	1.4	4.2	0.8	5.6	Cast iron	Yes, less	Yes			No
6/17/2019	04Z45	17TH AVE S	E 86TH ST	One-Way Directional	2016-501	4	5	4.0	2.4		8.5	5.7	0.4	0.4	0.4	5.3	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/17/2019	04Z46	17TH AVE S	E 86TH ST	One-Way Directional	2016-501	4	5	0.3	1.0		10.0	6.7	2.3	0.4	5.2	0.2	Cast iron	Yes, less	Yes			No
6/17/2019	85L04	33RD AVE S	AMERICAN BLVD E	Diagonal	2013-304	5	6	0.2	2.0		8.8	1.3	1.4	2.1	1.6	0.6	Cast iron	Yes, less	Yes			No
6/17/2019	85L05	33RD AVE S	AMERICAN BLVD E	Depressed Corner	2013-304						0.2	4.4	1.2	0.8	1.4	0.6	Cast iron	Yes, less	Yes			No
6/17/2019	85O04	33RD AVE S	E 80 1/2 ST	Perpendicular	2013-304	8	8	0.1	0.8		5.1	0.5	0.2	2.6	0.3	1.2	Cast iron	Yes, less	Yes			Yes
6/17/2019	85O05	33RD AVE S	E 80 1/2 ST		2013-304	4.5	10	1.3	1.6		8.1	0.2	1.0	7.6	1.4	2.0	Cast iron	Yes, less	Yes			Yes
6/17/2019	85P05	33RD AVE S	E 80 1/2 ST	One-Way Directional	2013-304	5	8	0.0	2.0		8.1	0.2	1.0	5.6	0.4	1.0	Cast iron	Yes, less	Yes			Yes
6/17/2019	85K11-01	34TH AVE S	AMERICAN BLVD E		2009-203	5	6	1.0	0.5		1.2	1.3					Cast iron					Yes
6/17/2019	85L10	34TH AVE S	AMERICAN BLVD E	Perpendicular	2013-305	5	10	0.7	1.5		7.0	0.4	0.8	6.3	0.0	3.0	Cast iron	Yes, less	Yes			Yes
6/17/2019	85L10	34TH AVE S	AMERICAN BLVD E	Perpendicular		6	8.3	2.6	1.2		7.7	2.3	0.3	3.5	0.8	0.1	Exposed aggregate	Yes, less	Yes			No
6/17/2019	85L11	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	5.1	5.1	0.1	1.1		5.9	0.4	0.1	1.7	0.1	3.0	Cast iron	Yes, less	Yes			Yes
6/17/2019	85L11	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	6	11	1.2	0.4		10.7	0.5	0.9	0.2	0.1	0.4	Cast iron	Yes, less	Yes			No
6/17/2019	85L11-01	34TH AVE S	AMERICAN BLVD E		2009-203	5	6	1.0	1.4		0.4	0.9					Cast iron					Yes
6/17/2019	85L11-02	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	5	5	0.9	4.1		5.0	1.6	2.0	3.5	1.8	1.6	Cast iron	Yes, less	Yes			No
6/17/2019	85L11B	34TH AVE S	AMERICAN BLVD E	Parallel	2009-203	5.1	5.1	1.2	1.7		5.7	0.5	1.6	3.3	1.1	2.2	Cast iron	Yes, less	Yes			Yes
6/17/2019	85L14-1	34TH AVE S	AMERICAN BLVD E	Perpendicular		4.8	10	0.9	0.3		5.8	1.3	0.8	2.9	0.1	1.1	Exposed aggregate	Yes, less	Yes			Yes
6/17/2019	85L14-2	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	4.8	10	1.2	0.3		4.6	0.4	0.5	4.8	2.3	4.6	Cast iron	Yes, less	Yes			Yes
6/17/2019	85L14-3	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	4.8	10	0.2	1.4		6.4	0.3	0.5	2.3	1.3	3.4	Cast iron	Yes, less	Yes			Yes
6/17/2019	85L15	34TH AVE S	AMERICAN BLVD E	Perpendicular		5	10.2	1.5	4.9		6.8	1.1	1.0	8.3	1.0	1.1	Exposed aggregate	Yes, less	Yes			No
6/17/2019	85S13-01	34TH AVE S	Appletree Square	Diagonal		5	5	0.7	0.5		7.4	1.2		0.6	2.0	2.2	None					No
6/17/2019	85T13-01	34TH AVE S	Appletree Square	One-Way Directional	2009-203	4	5	1.1	0.4		3.5	1.6	0.0	0.1	1.0	1.4	Exposed aggregate	Yes, less	Yes			Yes
6/17/2019	21A391	BLOOMINGTON AVE S	E 86TH ST	Combined Directional	2016-501	7	8	2.3	0.5		9.1	2.4	5.8	4.6	2.9	5.1	Cast iron	Yes, less	Yes			No
6/17/2019	21A40	BLOOMINGTON AVE S	E 86TH ST	Parallel	2016-501	0	0	5.7	0.5		2.8	0.8	0.3	1.5	0.2	1.9	Cast iron	Yes, less	Yes			Yes
6/17/2019	4Z39	BLOOMINGTON AVE S	E 86TH ST	One-Way Directional	2016-501	5	5.5	0.1	1.4		1.8	1.0	0.6	1.3	0.1	1.5	Cast iron	Yes, less	Yes			Yes
6/17/2019	4Z40	BLOOMINGTON AVE S	E 86TH ST	One-Way Directional	2016-501	5	5	0.1	0.6		3.0	0.0	1.3	1.1	1.4	0.6	Cast iron	Yes, less	Yes			Yes
6/17/2019	25I08	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Diagonal	2016-204	5	8	1.2	0.0		6.1	0.6	1.5	5.7	1.5	5.4	Cast iron	Yes, less	Yes			Yes
6/17/2019	25J08	OLD CEDAR AVE S	OLD CEDAR AVE TRAILHEAD	Perpendicular	2016-204						1.0	0.6	1.8	2.8	1.5	0.7	Cast iron	Yes, less	Yes			Yes
6/17/2019	16T46	RUSSELL AVE S	W 93RD ST	One-Way Directional	2013-102	4	4	0.8	2.8		2.1	2.0	2.1	1.5	1.5	6.8	Cast iron	Yes, less	Yes			No
6/17/2019	16T47	RUSSELL AVE S	W 93RD ST	One-Way Directional	2013-102	5	4	0.7	4.0		11.8	0.7	6.1	4.5	5.9	4.2	Cast iron	Yes, less	Yes			No
6/17/2019	58Y46-02	SANDRO RD	NINE MILE CREEK PKWY	Perpendicular	2012-401	6	10	0.2	2.0		5.3	2.1	3.1	5.1	2.6	2.1	Cast iron	Yes, less	Yes			No
6/17/2019	16S43	SHERIDAN AVE S	W 93RD ST		2013-102	5.5	4	3.2	3.8		5.7	3.3	0.9	1.7	1.5	2.1	Cast iron	Yes, less	Yes			No
6/17/2019	16S44	SHERIDAN AVE S	W 93RD ST	One-Way Directional	2013-102	6	4	2.0	1.6		2.0	7.6	8.6	9.9	6.5	8.8	Cast iron	Yes, less	Yes			No
6/17/2019	16S36	UPTON AVE S	W 93RD ST	Perpendicular	2017-102	4	6	0.1	0.2		15.8	2.8	1.3	8.5	0.9	3.8	Cast iron	Yes, less	Yes			No
6/14/2019	68C46	COLORADO RD	W 99TH ST	One-Way Directional	2009-102	5	4	0.6	2.6		5.1	1.5	0.1	3.8	0.6	4.5	Cast iron	Yes, less	No, reconstruct to correct			<Null>
6/14/2019	66J28	HYLAND GREENS DR	W 99TH ST	Perpendicular	2011-101	5	5	0.3	2.8		3.5	0.1	1.1	6.7	1.2	1.8	Cast iron	Yes, less	Yes			No
6/14/2019	78A07	MARYLAND AVE S	AUTO CLUB RD	One-Way Directional	2011-102	6	6	0.7	1.9		8.2	0.1	3.4	11.3	1.9	4.7	Cast iron	Yes, less	Yes			No
6/14/2019	78B07	MARYLAND AVE S	KENMARE DR	One-Way Directional	2013-102	7	5	4.9	1.4		5.0	4.0	0.8	4.8	1.2	0.0	Cast iron	Yes, less	Yes			No
6/14/2019	78C08	MARYLAND AVE S	KENMARE DR	One-Way Directional	2013-102	5	5	5.3	2.9		2.9	6.0	1.4	3.1	2.3	2.9	Cast iron	Yes, less	Yes			No
6/14/2019	6.80E+52	NESBITT AVE S	ALABAMA RD	One-Way Directional	2016-102	5	4	0.7	9.3		9.2	0.9	7.3	6.1	1.2	7.9	Cast iron	Yes, less	Yes			No
6/14/2019	68F51	NESBITT AVE S	ALABAMA RD	One-Way Directional	2016-102	4	4	1.3	5.2		3.3	1.8	0.8	4.5	2.5	2.8	Cast iron	Yes, less	Yes			No
6/14/2019	68M51	NESBITT AVE S	DAKOTA RD	One-Way Directional	2016-102	4	5	0.2	3.7		8.7	0.9	2.5	4.8	4.6	2.8	Cast iron	Yes, less	Yes			No
6/14/2019	66A34	NESBITT AVE S	HYLAND GREENS DR	One-Way Directional	2011-101	5	5	0.4	3.5		5.0	0.3	2.6	3.0	3.5	2.2	Cast iron	Yes, less	Yes			Yes
6/14/2019	66A35-01	NESBITT AVE S	HYLAND GREENS DR	Combined Directional	2011-101	5	5	1.6	1.7		6.2	1.3	2.7	6.0	2.3	3.1	Cast iron	Yes, less	Yes			Yes
6/14/2019	66A35-02	NESBITT AVE S	HYLAND GREENS DR	Combined Directional	2011-101	4	4	1.7	1.3		6.7	0.9	1.3	6.1	2.6	6.1	Cast iron	Yes, less	Yes			Yes
6/14/2019	68H52	NESBITT AVE S	NESBITT CIR	One-Way Directional	2013-102	5	3.5	2.4	2.9		3.1	0.4	1.8	0.0	1.2	0.6	Cast iron	Yes, less	Yes			No
6/14/2019	68I52-01	NESBITT AVE S	NESBITT CIR	Combined Directional	2013-102	4	4	0.8	3.7		1.6	0.7	3.8	6.8	2.9	1.1	Cast iron	Yes, less	Yes			No
6/14/2019	68I52-02	NESBITT AVE S	NESBITT CIR	Combined Directional	2013-102	4	4	3.2	0.9		5.9	4.1	5.0	5.5	4.9	4.0	Cast iron	Yes, less	Yes			No
6/14/2019	66A22-1	NESBITT AVE S	W 98TH ST	Tiered Perpendicular	2013-102	5	5.5	4.1	2.2		5.9	4.0	1.6	3.3	2.7	2.8	Cast iron	No, more	Yes			No
6/14/2019	66A27-1	NESBITT AVE S	W 99TH ST	One-Way Directional	2011-101	5	5	3.3	0.2		9.0	2.1	0.9	7.6	0.0	3.6	Cast iron	No, more	Yes			No
6/14/2019	66A27-2	NESBITT AVE S	W 99TH ST	One-Way Directional	2011-101	5.5	6	0.2	3.6		6.6	0.5	0.3	6.4	1.5	2.5	Cast iron	No, more	Yes			No
6/14/2019	66A28	NESBITT AVE S	W 99TH ST	One-Way Directional	2011-101	7	4	1.1	1.1		4.3	2.9	2.5	8.4	2.3	1.8	Cast iron	No, more than 3" Gap				No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/14/2019	68B51	NESBITT AVE S	W 99TH ST	One-Way Directional	2016-102	5	3.5	1.2	0.2		4.6	1.1	0.2	2.5	0.9	8.2	Cast iron	No, more	Yes			No
6/14/2019	79T44	W 114TH ST	AUTO CLUB RD	One-Way Directional	2011-102	6	5	1.1	0.6		5.5	2.0	0.7	8.0	1.7	3.8	Cast iron	Yes, less	Yes			Yes
6/14/2019	66B27	W 98 1/2 ST	W 99TH ST	One-Way Directional	2011-101	5	5				5.0	1.5	0.0	5.6	1.7	3.4	Cast iron	Yes, less	Yes			Yes
6/14/2019	69A38	W BUSH LAKE RD	W BUSH LAKE PARK	Perpendicular	2010-401	4.5	6	0.0	2.2		8.7	2.1	1.4	0.4	2.1	0.7	Cast iron	Yes, less than 3"	Yes	Yes		No
6/14/2019	6.60E+37	YOSEMITE RD	HYLAND GREENS DR	Perpendicular	2011-101	4	4	3.1	1.6		6.3	4.9	4.8	8.1	6.3	3.7	Cast iron	Yes, less	Yes			No
6/14/2019	66F35	YOSEMITE RD	HYLAND GREENS DR	One-Way Directional	2011-101	6	5	3.7	1.9		4.3	5.6	4.1	10.0	4.0	7.5	Cast iron	Yes, less	Yes			No
6/14/2019	66F27	YOSEMITE RD	W 99TH ST	Perpendicular	2011-101	4.5	6	1.0	2.6		3.8	0.2	0.1	5.5	0.6	3.7	Cast iron	Yes, less	Yes			No
6/14/2019	66F28	YOSEMITE RD	W 99TH ST	One-Way Directional	2011-101	4.5	5	2.3	3.3		4.2	2.4	3.3	8.8	0.6	5.0	Cast iron	No, more	No, reconstruct to correct			No
6/13/2019	3R26	12TH AVE S	E 80TH ST	One-Way Directional	2018-102	5	5	1.9	2.1		3.1	0.2	1.1	5.5	0.2	2.3	Cast iron	Yes, less	Yes			Yes
6/13/2019	79P29	AUTO CLUB RD	BLOOMINGTON FERRY RD	Depressed Corner	2014-201	4.5	10	0.9	1.4		7.6	1.1	0.7	3.1	0.6	4.0	Cast iron	Yes, less	Yes			Yes
6/13/2019	79Q29	AUTO CLUB RD	BLOOMINGTON FERRY RD	One-Way Directional	2014-201	4	7	1.9	3.9		2.1	3.6	3.2	2.1	3.3	1.7	Cast iron	Yes, less	Yes			No
6/13/2019	63J41	CHALET RD	MT NORMANDEALE DR	Diagonal	2016-101	5	8	3.5	1.7		12.3	2.2	1.0	4.1	1.5	3.1	Cast iron	No, more	No, reconstruct to correct			No
6/13/2019	68B47	COLORADO RD	W 99TH ST	One-Way Directional	2009-102	5	4.5	4.3	4.7		7.1	0.6	3.2	4.0	1.3	3.1	Cast iron	Yes, less	No, write exception			<Null>
6/13/2019	66I28	HYLAND GREENS DR	W 99TH ST	One-Way Directional	2011-101	4.75	4	0.9	0.4		4.5	3.0	0.2	5.5	2.3	0.2	Cast iron	No, more	Yes			No
6/13/2019	78D13	LOUISIANA AVE S	AUTO CLUB RD	One-Way Directional	2013-102	9	7	0.2	2.0		3.0	1.0	2.2	3.5	0.9	3.4	Cast iron	Yes, less	Yes			No
6/13/2019	77Y13-2	LOUISIANA AVE S	JERSEY RD	One-Way Directional	2011-103	6	6	1.0	3.4		7.4	1.6	2.6	4.4	1.6	5.8	Cast iron	No, more	Yes			No
6/13/2019	77Y05-01	MINNESOTA BLUFFS DR	AUTO CLUB RD	One-Way Directional	2011-102	7	8	3.0	2.8		5.3	1.9	0.3	3.5	1.8	1.6	Cast iron	Yes, less	Yes			No
6/13/2019	77Y05-02	MINNESOTA BLUFFS DR	AUTO CLUB RD	One-Way Directional	2011-102	5	4.5	2.2	2.2		7.2	2.4	0.4	3.5	1.5	0.2	Cast iron	Yes, less	Yes			No
6/13/2019	77Y06	MINNESOTA BLUFFS DR	AUTO CLUB RD	Perpendicular	2011-102	5	15	1.1	2.5		5.3	0.7	0.4	3.3	0.2	3.5	Cast iron	Yes, less	Yes			No
6/13/2019	77Z05	MINNESOTA BLUFFS DR	AUTO CLUB RD	Perpendicular	2011-102			1.5	6.9		7.5	1.9	0.0	5.7	0.2	4.4	Cast iron	Yes, less	Yes			No
6/13/2019	77Y02	NEVADA AVE S	AUTO CLUB RD	One-Way Directional	2013-102	5	5.5	2.0	0.4		3.3	1.4	3.8	5.2	3.7	2.3	Cast iron	Yes, less	Yes			No
6/13/2019	56O35-02	NORMAN CENTER DR	W 84TH ST	Depressed Corner	2016-102	4.5	6	1.0	0.5		0.1	0.4	0.1	5.0	1.6	0.1	Cast iron	Yes, less	Yes			No
6/13/2019	56O35-03	NORMAN CENTER DR	W 84TH ST	One-Way Directional	2016-102	4	6	0.8	1.0		0.2	0.3	2.0	4.8	2.7	1.5	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/13/2019	79G45	QUEBEC CIR	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	6	5	1.6	3.5		8.9	2.5	1.3	7.4	0.4	1.4	Cast iron	Yes, less	Yes			No
6/13/2019	7.90E+43	RHODE ISLAND AVE S	MINNESOTA BLUFFS DR	Combined Directional	2011-102	5	4.5	1.4	3.3		8.8	2.3	5.6	8.7	4.3	5.2	Cast iron	Yes, less	Yes			No
6/13/2019	79F43	RHODE ISLAND AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	6	5	1.6	1.0		3.6	1.5	0.4	6.1	0.4	5.5	Cast iron	Yes, less	Yes			No
6/13/2019	79C39	SUMTER AVE S	MINNESOTA BLUFFS DR	One-Way Directional	2011-102	6	4.5	0.8	2.2		7.1	1.2	4.3	3.6	3.9	3.0	Cast iron	Yes, less	Yes			No
6/13/2019	79C40	SUMTER AVE S	MINNESOTA BLUFFS DR	Combined Directional	2011-102	5.5	5.5	3.9	2.6		7.3	6.1	1.3	9.4	1.7	5.5	Cast iron	Yes, less	Yes			No
6/13/2019	66C27	W 98 1/2 ST	W 99TH ST	One-Way Directional	2011-101	5.5	5	2.0	1.4		6.1	1.6	0.7	8.5	1.0	2.1	Cast iron	Yes, less	Yes			Yes
6/13/2019	11K23-2		W 78TH ST	Perpendicular		5	5	0.0	1.2		3.4	5.5	8.7	0.2	7.2	2.0	None					No
6/12/2019	3Q26	12TH AVE S	E 80TH ST	Combined Directional	2018-102	5	5	2.0	1.5		6.4	2.3	0.6	5.2	1.6	2.2	Cast iron	Yes, less	Yes			No
6/12/2019	03h10	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101	5	8	2.0	2.8		4.0	1.6	1.8	2.1	2.6	1.8	Cast iron	Yes, less	Yes			No
6/12/2019	03h11	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101	5	8				3.1	1.5	1.7	0.9	2.9	0.9	Cast iron	Yes, less	Yes			Yes
6/12/2019	80A49	KENMARE DR	KENMARE DR	One-Way Directional	2013-102	4	4	1.4	6.7		9.0	7.0	7.9	0.6	6.3	6.4	Cast iron	Yes, less than 3"	Gap			No
6/12/2019	78C13	LOUISIANA AVE S	AUTO CLUB RD	One-Way Directional	2011-102	8	8	1.8	1.5		5.0	0.4	0.4	5.7	0.8	2.4	Cast iron	Yes, less	Yes			Yes
6/12/2019	78Y13-1	LOUISIANA AVE S	JERSEY RD	One-Way Directional	2011-103	6	5	0.2	1.8		5.4	0.8	1.7	6.5	0.5	1.5	Cast iron	No, more	Yes			Yes
6/12/2019	77X01	NEVADA AVE S	AUTO CLUB RD	One-Way Directional	2013-102	6	6	1.2	1.2		5.7	1.3	2.1	4.1	2.9	1.6	Cast iron	Yes, less	Yes			Yes
6/12/2019	77Z01	NEVADA AVE S	KENMARE DR	One-Way Directional	2013-102	4	5	3.3	4.5		4.0	3.5	7.5	4.2	4.0	1.5	Cast iron	Yes, less	Yes			No
6/12/2019	77Z02	NEVADA AVE S	KENMARE DR		2013-102	5	6	3.2	4.5		6.3	2.8	0.4	0.7	0.6	3.3	Cast iron	Yes, less	Yes			No
6/12/2019	03H03		AMERICAN BLVD E	One-Way Directional	2016-101	6	8	1.2	2.6		3.2	1.4	5.2	1.1	8.8	1.6	Cast iron	Yes, less	Yes			No
6/12/2019	03H04		AMERICAN BLVD E	One-Way Directional	2016-101	5	8	2.1	3.7		4.0	0.4	2.3	2.4	5.8	1.8	Cast iron	Yes, less	Yes			Yes
6/12/2019	03H05		AMERICAN BLVD E	One-Way Directional	2016-101	5	8	0.8	3.1		2.6	0.5	2.0	0.3	3.1	0.5	Cast iron	Yes, less	Yes			No
6/12/2019	03h06		AMERICAN BLVD E	One-Way Directional	2016-101	5	8	1.5	2.1		1.4	1.9	2.5	0.7	0.9	0.4	Cast iron	Yes, less	Yes			No
6/12/2019	03h08		AMERICAN BLVD E	One-Way Directional	2016-101	5	8	1.0	0.6		2.1	1.5	0.4	0.9	1.7	0.2	Cast iron	Yes, less	Yes			No
6/12/2019	03h09		AMERICAN BLVD E	One-Way Directional	2016-101	5	8	1.2	1.6		4.8	1.8	2.4	0.5	3.3	1.4	Cast iron	Yes, less	Yes			Yes
6/11/2019	72F37	BLOOMINGTON FERRY RD	LANDAU CIR	Fan	2014-201	5	10	0.1	0.9		3.9	1.7	0.5	5.9	0.1	4.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	72G37	BLOOMINGTON FERRY RD	LANDAU CIR	Fan	2014-201	5	10	0.5	1.0		4.7	0.4	1.8	1.2	0.6	1.5	Cast iron	Yes, less	Yes			Yes
6/11/2019	70E13-02	BLOOMINGTON FERRY RD	LINDSTROM DR	Combined Directional	2009-101	5.5	5	0.4	1.9		4.2	0.5	2.9	8.8	3.9	7.4	Cast iron	Yes, less	Yes			Yes
6/11/2019	70Z14	BLOOMINGTON FERRY RD	PIONEER TRL	Diagonal	2017-101	5	5	1.5	2.6		4.7	0.6	0.9	3.4	0.7	2.5	Cast iron	Yes, less	Yes			No
6/11/2019	70Z14-01	BLOOMINGTON FERRY RD	PIONEER TRL	Perpendicular	2017-101	5	0	0.9	1.4		1.4	0.0	0.6	0.0	1.4	0.0	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/11/2019	70Z14-02	BLOOMINGTON FERRY RD	PIONEER TRL	One-Way Directional	2017-101	4.5	5	0.6	1.5		7.1	0.9	2.6	1.8	2.5	2.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	70Z15-01	BLOOMINGTON FERRY RD	PIONEER TRL	One-Way Directional	2017-102						1.3	1.4	2.6	1.1	3.2	0.4	Cast iron	Yes, less	than 3" Gap			Yes
6/11/2019	70Z15-02	BLOOMINGTON FERRY RD	PIONEER TRL	One-Way Directional	2017-102						0.0	0.4	1.4	1.4	1.5	1.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	70Z16	BLOOMINGTON FERRY RD	PIONEER TRL	Perpendicular	2017-101	5	5.5	1.1	1.3		5.5	2.0	2.3	6.2	1.9	0.5	Cast iron	Yes, less	Yes			Yes
6/11/2019	70Z16-01	BLOOMINGTON FERRY RD	PIONEER TRL	Diagonal	2017-101	6	5	2.3	3.8		1.3	0.8	2.0	4.1	3.2	2.2	Cast iron	Yes, less	Yes			No
6/11/2019	70Z16-02	BLOOMINGTON FERRY RD	PIONEER TRL	One-Way Directional	2017-102	6	5	3.4	1.2		0.5	3.3	3.5	0.4	4.5	0.4	Cast iron	Yes, less	Yes			No
6/11/2019	70O12-01	BLOOMINGTON FERRY RD	W 100TH ST	Perpendicular	2017-102	10	7	2.3	0.4		10.8	3.1	1.7	6.9	1.5	1.8	Cast iron	No, more	Yes			No
6/11/2019	71A38-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	5	16	3.6	2.7		7.1	1.0	1.3	1.4	1.5	5.0	Cast iron	Yes, less	Yes			No
6/11/2019	71A39-01	BLOOMINGTON FERRY RD	W 106th St	Combined Directional		6	5.5	0.4	1.2		3.3	1.7	2.6	3.6	3.7	3.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	71B38-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	7	6	0.5	1.9		8.2	0.6	1.9	4.6	1.2	7.5	Cast iron	Yes, less	than 3" Gap			Yes
6/11/2019	71B39-01	BLOOMINGTON FERRY RD	W 106th St	Combined Directional		4.5	6	0.4	1.8		6.1	1.5	1.5	7.1	0.6	2.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	71Y38-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	5	15	1.2	1.4		3.0	2.0	0.0	3.5	0.2	1.7	Cast iron	Yes, less	Yes			Yes
6/11/2019	71Z38-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	5	16	2.7	0.2		6.6	0.2	0.3	2.7	0.9	5.1	Cast iron					No
6/11/2019	71Z39-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	5	9	1.0	1.2		8.4	1.1	0.1	0.1	3.8	3.8	Cast iron	Yes, less	Yes			No
6/11/2019	72L38	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102	5	4.5	0.6	1.8		7.6	1.3	4.1	5.3	3.3	4.7	Cast iron	Yes, less	Yes			Yes
6/11/2019	72M37-01	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	3	11.5	0.5	3.9		2.6	0.1	0.6	7.8	0.2	0.9	Cast iron	Yes, less	Yes			No
6/11/2019	72M37-03	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	3	6	2.1	1.6		2.7	2.1	2.8	5.1	2.3	1.1	Cast iron	Yes, less	Yes			No
6/11/2019	72M38-01	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102	5	5	2.6	0.9		6.8	2.5	3.9	1.5	4.2	1.4	Cast iron	Yes, less	Yes			No
6/11/2019	72M38-02	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102	4	4	1.1	1.3		0.9	0.9	0.8	7.5	1.2	1.0	Cast iron	Yes, less	Yes			Yes
6/11/2019	72M38-02B	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	7.5	15.5	0.7	1.8		3.8	0.7	0.5	7.3	1.2	2.2	Cast iron	Yes, less	Yes			Yes
6/11/2019	72M38-03	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102	4	4	0.2	2.2		5.3	2.9	5.2	1.9	3.6	0.5	Cast iron	Yes, less	Yes			No
6/11/2019	71T50	BUSH LAKE RD	MARYLAND RD	Perpendicular	2014-201	11	10	1.3	0.4		6.5	1.6	3.5	1.6	3.5	2.5	Cast iron	Yes, less	Yes			Yes
6/11/2019	71T51	BUSH LAKE RD	MARYLAND RD	One-Way Directional	2014-201	4	10	2.6	1.3		0.2	1.9	2.1	2.1	2.6	1.7	Cast iron	Yes, less	Yes			No
6/11/2019	73R01	BUSH LAKE RD	MARYLAND RD	One-Way Directional	2014-201	6.5	11	3.8	6.3		4.6	3.3	3.0	0.9	4.2	3.4	Cast iron	Yes, less	No, reconstruct to correct			No
6/11/2019	73S01	BUSH LAKE RD	MARYLAND RD	One-Way Directional	2014-201	8	11	1.1	1.4		1.2	1.2	0.5	1.0	0.0	1.3	Cast iron	Yes, less	Yes			Yes
6/11/2019	73T00	BUSH LAKE RD	MARYLAND RD	One-Way Directional	2014-201	4	10	1.8	1.4		2.7	2.3	2.8	4.3	2.8	1.6	Cast iron	Yes, less	Yes			No
6/11/2019	73T01	BUSH LAKE RD	MARYLAND RD	Perpendicular	2014-201	5	11	3.2	0.9		1.2	0.6	2.1	1.4	2.7	1.6	Cast iron	Yes, less	Yes			No
6/11/2019	71Y50	BUSH LAKE RD	W 106TH ST	Perpendicular	2014-201	10	6	0.0	0.5		9.4	0.0	0.1	3.1	0.7	1.3	Cast iron	Yes, less	Yes			No
6/11/2019	71Z51-01	BUSH LAKE RD	W 106TH ST	Fan	2014-201	3	6	0.9	2.8		0.7	0.6	0.2	0.4	0.9	1.4	Cast iron	Yes, less	Yes			No
6/11/2019	71Z51-02	BUSH LAKE RD	W 106TH ST	Fan	2014-201	4	6	0.8	1.6		1.5	0.2	1.5	2.3	0.9	0.3	Cast iron	Yes, less	Yes			Yes
6/11/2019	71Z51-03	BUSH LAKE RD	W 106TH ST	Fan	2014-201	4	6	1.6	0.8		3.0	1.7	1.4	1.6	2.3	1.6	Cast iron	Yes, less	Yes			Yes
6/11/2019	72A51	BUSH LAKE RD	W 106TH ST	Perpendicular	2014-201	6	6	2.1	1.0		9.9	1.5	1.5	1.2	2.2	1.8	Cast iron	Yes, less	No, reconstruct to correct			No
6/11/2019	73Y01	BUSH LAKE RD	W 106TH ST	Perpendicular	2014-201	4.5	5	4.8	3.3		0.2	1.9	2.3	6.4	2.0	2.3	Cast iron	Yes, less	Yes			No
6/11/2019	73Z01	BUSH LAKE RD	W 106TH ST	One-Way Directional	2014-201	6	6	0.9	0.2		0.1	0.7	1.7	5.1	2.6	0.9	Cast iron	Yes, less	Yes			No
6/11/2019	74A01	BUSH LAKE RD	W 106TH ST	One-Way Directional	2014-201	6	6.5	2.1	0.6		3.7	2.6	3.2	2.8	3.3	0.8	Cast iron	Yes, less	Yes			No
6/11/2019	74A01-01	BUSH LAKE RD	W 106TH ST	One-Way Directional	2014-201	6	6.5	2.1	0.6		1.5	2.0	2.8	0.5	2.6	4.1	Cast iron	Yes, less	Yes			Yes
6/11/2019	74A01-02	BUSH LAKE RD	W 106TH ST	Perpendicular	2014-201	5	6.5	0.2	1.9		4.0	1.4	2.2	2.1	0.9	3.3	Cast iron	Yes, less	No, write exception			Yes
6/11/2019	58Q19-01	E BUSH LAKE RD	HIGHWOOD DR	Diagonal	2016-102	6.5	7	0.2	2.0		6.3	0.8	0.7	2.9	0.4	0.1	Cast iron	Yes, less	Yes			Yes
6/11/2019	58R18-01	E BUSH LAKE RD	HIGHWOOD DR	Perpendicular	2016-102	8	6	2.0	0.2		0.6	1.1	0.9	0.7	0.9	0.2	Cast iron	Yes, less	Yes			Yes
6/11/2019	58R19-01	E BUSH LAKE RD	HIGHWOOD DR	Diagonal	2016-102	4.5	7.5	0.7	0.1		7.9	0.4	1.4	0.6	2.0	5.0	Cast iron	No, more	Yes			Yes
6/11/2019	58R19-01B	E BUSH LAKE RD	HIGHWOOD DR	Diagonal	2016-102	7	6	1.4	0.3		6.9	1.2	1.3	0.9	2.7	7.4	Cast iron	Yes, less	Yes			Yes
6/11/2019	64K08	E BUSH LAKE RD		Diagonal	2015-202	6	6	0.5	3.2		1.3	3.3	3.4	2.9	4.0	1.8	Cast iron	Yes, less	No, write exception			No
6/11/2019	64K09	E BUSH LAKE RD		One-Way Directional	2015-202	10	10	0.2	0.5		0.6	0.9	1.1	3.2	1.3	1.8	Cast iron	Yes, less	Yes			No
6/11/2019	37J35	JOHNSON AVE S	OLSON ELEMENTARY	Perpendicular	2016-203	5	7	1.4	1.1		5.8	0.7	1.1	1.3	2.3	2.5	Cast iron	Yes, less	Yes			Yes
6/11/2019	63J00-01	LAKEVIEW RD	LAKEVIEW DR	One-Way Directional	2019-102	5	5	0.4	2.0		2.9	0.5	0.3	4.9	1.3	5.9	Cast iron	Yes, less	Yes			Yes
6/11/2019	16Z35	MARSH LAKE PARK	HILLCREST ELEMENTARY	Perpendicular	2017-110	2.5	8	0.2	0.8		0.7	0.4	2.3	2.1	1.1	0.1	Cast iron	Yes, less	than 3" Gap			Yes
6/11/2019	56C33	NORMANDALE LAKE BLVD	W 84TH ST	Perpendicular	2012-401	9.5	12.5	3.0	0.1		8.0	2.6	3.4	8.9	2.6	2.4	Cast iron	Yes, less	Yes	Yes	Yes	No
6/11/2019	72N50	PENNSYLVANIA AVE S	W OLD SHAKOPEE RD	One-Way Directional	2010-101	4	6	2.0	0.9		1.0	4.9	1.7	9.1	1.8	1.2	Cast iron	Yes, less	Yes			No
6/11/2019	74N01	PENNSYLVANIA AVE S	W OLD SHAKOPEE RD	One-Way Directional	2010-101	6	6	0.9	1.4		2.5	8.5	2.8	4.2	4.0	3.6	Cast iron	Yes, less	Yes			No
6/11/2019	71Z46	QUEBEC RD	W 106TH ST	Fan	2014-201	8	10	0.7	0.5		7.3	2.1	0.6	2.3	0.8	2.0	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/11/2019	71Z47	QUEBEC RD	W 106TH ST	Fan	2014-201	8	10	1.6	2.0		7.1	3.6	0.7	1.6	1.4	2.6	Cast iron	Yes, less	Yes			No
6/11/2019	71Z43	RHODE ISLAND AVE S	W 106TH ST	Depressed Corner	2014-201	6	10	0.6	0.6		3.2	1.1	3.8	2.0	2.4	6.3	Cast iron	Yes, less	Yes			Yes
6/11/2019	59M44	RHODE ISLAND CIR		One-Way Directional	2016-102	3	8				1.1	1.9	0.6	1.5	2.1	5.4	Cast iron	Yes, less	Yes			Yes
6/11/2019	69T35-01	SOUTH BAY DR	SOUTH BAY DR	One-Way Directional	2016-101	5	5	1.7	5.0		10.6	2.8	0.8	5.1	0.5	4.0	Cast iron	Yes, less	No, reconstruct to correct			No
6/11/2019	69U35-01	SOUTH BAY DR	SOUTH BAY DR	One-Way Directional	2016-101	5	5	2.0	4.3		7.0	1.5	0.5	0.6	1.3	2.5	Cast iron	Yes, less	No, reconstruct to correct			No
6/11/2019	59J42	TELEGRAPH RD		One-Way Directional	2016-102	4.5	4.5	1.6	1.9		5.9	2.0	1.4	0.8	2.4	1.0	Cast iron	Yes, less	Yes			Yes
6/11/2019	59J43	TELEGRAPH RD			2016-102	9	9	0.4	2.0		18.9	6.1	0.3	2.8	0.1	0.4	Cast iron	Yes, less	than 3" Gap			No
6/11/2019	16Z38	THOMAS RD	HILLCREST ELEMENTARY	Perpendicular	2013-102	5	5	1.6	0.2		1.2	1.7	0.1	1.9	1.1	5.5	Cast iron	Yes, less	than 3" Gap			No
6/11/2019	69W47-02	W BUSH LAKE RD	LINDSTROM DR		2009-101	5	5	3.3	1.9		7.2	3.2	4.2	4.1	2.4	3.5	Cast iron	No, more	No, reconstruct to correct			No
6/11/2019	69A33-01	W BUSH LAKE RD	W 95TH ST	One-Way Directional	2010-401	5	5	2.6	2.2		7.6	3.4	0.0	2.3	1.2	1.8	Cast iron	No, more	Yes			No
6/11/2019	69F41	W BUSH LAKE RD	W BUSH LAKE PARK		2010-401	6	6	3.3	5.5		13.0	2.8	4.0	0.9	4.1	0.1	Cast iron					No
6/11/2019	69G42	W BUSH LAKE RD	W BUSH LAKE PARK	Perpendicular	2010-401	6	6	2.0	4.6		6.6	1.1	1.0	3.3	0.0	0.4	Cast iron	Yes, less	than 3" Gap			No
6/11/2019	69I40	W BUSH LAKE RD	W BUSH LAKE PARK		2010-401						5.3	6.1	1.7	5.4	2.6	0.4	Cast iron					No
6/11/2019	69I41	W BUSH LAKE RD	W BUSH LAKE PARK		2010-401	6.5	11	4.9	6.6		6.3	4.2	2.1	5.3	2.2	4.0	Cast iron	No, more	than 3" Gap			No
6/11/2019	69M26-02	Wyoming Terrace	W 96th St	One-Way Directional		5.2	8.5	5.0	2.4		7.4	1.9	2.2	4.7	2.3	4.4	Tyned	No, more	than 3" Gap			No
6/11/2019	70A26-01	XYLON AVE S	LINDSTROM DR	Diagonal	2017-110	5.5	11	2.0	1.6		6.7	3.4	5.5	1.6	4.8	1.8	Cast iron	Yes, less	No, write exception			No
6/11/2019	71B29	YUKON AVE S	BLOOMINGTON FERRY RD	Depressed Corner	2011-110	6	5	0.6	1.7		3.8	0.3	1.2	7.6	2.7	5.8	Cast iron	Yes, less	Yes			Yes
6/11/2019	71B30-01	YUKON AVE S	BLOOMINGTON FERRY RD	Depressed Corner	2011-110	10	11.5	0.2	2.0		4.9	1.0	1.4	7.0	0.9	0.0	Cast iron	Yes, less	Yes			Yes
6/11/2019	71B30-02	YUKON AVE S	BLOOMINGTON FERRY RD	Depressed Corner	2011-110	5	5	1.2	3.0		5.5	4.4	1.6	2.9	3.6	4.0	Cast iron	Yes, less	Yes			<Null>
6/10/2019	11K23		W 78TH ST	Perpendicular		5	5	2.8	6.6		4.9	6.0	7.5	6.4	8.1	4.3	Tyned					No
6/10/2019	4A23	11TH AVE S	E 82ND ST	One-Way Directional	2018-102	5	5	0.1	0.6		4.6	1.0	0.8	5.3	0.1	3.0	Cast iron					Yes
6/10/2019	3Z26-1	12TH AVE S	E 82ND ST	Combined Directional	2018-102	5	5	1.2	1.6		0.8	2.9	0.7	4.1	1.0	3.2	Cast iron	Yes, less	Yes			No
6/10/2019	3Z26-2	12TH AVE S	E 82ND ST	Combined Directional	2018-102	4	5	1.2	1.6		7.7	0.7	1.6	1.9	0.8	3.2	Cast iron	Yes, less	Yes			Yes
6/10/2019	3Z27	12TH AVE S	E 82ND ST	One-Way Directional	2018-102	5	5	1.9	2.0		0.7	0.7	2.1	0.1	0.4	1.8	Cast iron	Yes, less	Yes			Yes
6/10/2019	4A26	12TH AVE S	E 82ND ST	One-Way Directional	2018-102	5	5				5.0	1.7	2.0	2.9	1.1	3.2	Cast iron	Yes, less	Yes			Yes
6/10/2019	4A27	12TH AVE S	E 82ND ST	One-Way Directional	2018-102	4	5	2.6	1.1		4.4	1.6	2.8	0.2	2.4	4.6	Cast iron					Yes
6/10/2019	3.00E+13	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101	5	5	2.4	2.5		2.9	1.8	1.3	0.4			Cast iron	Yes, less	Yes			No
6/10/2019	03F13	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101	5	5	1.3	2.4		3.1	0.9	2.9	4.3			Cast iron	Yes, less	Yes			No
6/10/2019	12M1-2	NORMANDEALE BLVD	W 84TH ST	Perpendicular		6	6	3.5	5.1		10.6	2.3	1.9	4.1	1.3	1.3	None			Yes	No, reco	No
6/10/2019	56S38	NORMANDEALE BLVD	W 84TH ST	One-Way Directional	2016-102	15	10	1.7	0.9		5.0	0.7	1.0	6.0	0.9	4.0	Cast iron	Yes, less	Yes			Yes
6/10/2019	56T38-01	NORMANDEALE BLVD	W 84TH ST	One-Way Directional	2016-102	5	6	1.4	2.3		4.6	1.1	0.2	2.0	0.7	1.0	Cast iron	Yes, less	Yes			No
6/10/2019	56T38-02	NORMANDEALE BLVD	W 84TH ST		2016-102	6.6	6	1.9	1.6		7.7	0.8	2.5	2.9	2.4	2.0	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/10/2019	56T38-03	NORMANDEALE BLVD	W 84TH ST	Combined Directional	2016-102	7.5	6	0.8	0.7		0.5	0.9	0.8	3.5	1.4	1.2	Cast iron	Yes, less	Yes	Yes	Yes	Yes
6/5/2019	33Z15	ABBOTT AVE S	W 98TH ST	One-Way Directional	2013-102	5.5	4	1.2	2.0		6.1	1.2	0.4	6.6	0.3	1.0	Cast iron	Yes, less	Yes			Yes
6/5/2019	33Z16	ABBOTT AVE S	W 98TH ST	One-Way Directional	2013-102	5.5	4	2.6	0.3		6.3	1.6	3.4	8.0	2.0	4.4	Cast iron	Yes, less	Yes, 5' or less from BOC			No
6/5/2019	34A15	ABBOTT AVE S	W 98TH ST	One-Way Directional	2013-102	5	4.5	1.1	2.1		4.0	1.0	4.2	2.8	3.8	2.5	Cast iron	Yes, less	Yes			Yes
6/5/2019	34A16	ABBOTT AVE S	W 98TH ST	One-Way Directional	2013-102	5	5	4.1	1.3		5.4	1.9	5.2	6.1	4.2	3.3	Cast iron	Yes, less	Yes			No
6/5/2019	15Z31	XERXES AVE S	W 90TH ST	Perpendicular	2010-102						3.2	1.8	2.9	4.6	1.2	6.8	Cast iron	Yes, less	Yes			Yes
6/5/2019	16A31	XERXES AVE S	W 90TH ST	Perpendicular	2010-102						0.0	2.3	2.0	4.5	1.7	1.0	Cast iron	Yes, less	Yes			No
8/22/2018	67U39	EDGEWOOD RD	W 98TH ST	Tiered Perpendicular													None					<Null>
8/22/2018	68C43	DAKOTA RD	EDGEWOOD RD	One-Way Directional													Tyned	No, more	than 3" Gap			<Null>
8/22/2018	68E48-2	DAKOTA RD	W 99TH ST	Perpendicular	2009-102												Cast iron	No, more	than 3" Gap			<Null>
8/22/2018	6.80E+44	DAKOTA RD	W 99TH ST	Perpendicular	2009-102												Cast iron	No, more	than 3" Gap			<Null>
8/13/2018	75D28-01	BRYE PARK	YOSEMITE RD	Perpendicular													None					No
8/13/2018	75A27-01	NESBITT AVE S	YOSEMITE RD	One-Way Directional													Tyned		No, reconstruct to correct			No
8/13/2018	66N19-01	BRIAR RD	HYLAND COURTS DR	One-Way Directional													None					No
8/13/2018	66N19-02	BRIAR RD	HYLAND COURTS DR	One-Way Directional													None					No
8/13/2018	66I07-01	YOSEMITE RD	YOSEMITE CIR	One-Way Directional													None					No
8/13/2018	66I07-02	YOSEMITE RD	YOSEMITE CIR	One-Way Directional													None					No
8/10/2018	64K51		Normandale Ridge Cir	Perpendicular													None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/10/2018	58R40	CHALET RD		Perpendicular	2012-102	6	10	0.1	2.0		1.9	0.6	4.0	3.6	2.5	3.5	Cast iron	Yes, less	Yes			Yes
8/10/2018	64B47	CHALET RD	HYLAND CREEK RD	One-Way Directional													None					No
8/10/2018	64A50	HYLAND CREEK RD		One-Way Directional													None					No
8/10/2018	64B46	HYLAND CREEK RD		One-Way Directional													None					No
8/10/2018	64H47	HYLAND CREEK RD	HYLAND CREEK CIR	Perpendicular													None					No
8/10/2018	64H48	HYLAND CREEK RD	HYLAND CREEK CIR	One-Way Directional													None					No
8/10/2018	64J48	HYLAND CREEK RD	Normandale Ridge Cir	One-Way Directional													None					No
8/10/2018	64K48	HYLAND CREEK RD	Normandale Ridge Cir	One-Way Directional													None					No
8/10/2018	10T26	XERXES AVE S	W 85th St	One-Way Directional		4.6	5.1	0.8	4.5		11.0	0.0	1.5	1.9	1.9	13.4	None	Yes, less	Yes, 5' or	Yes	Yes	<Null>
8/8/2018	6.50E+46	HYLAND CREEK RD	HYLAND CREEK CIR	One-Way Directional	2008-102						1.6	0.1	0.6	3.9	0.8	2.0	Cast iron	Yes, less	Yes			Yes
8/8/2018	65F46	HYLAND CREEK RD	SHEFFIELD CIR	One-Way Directional	2008-102						2.0	1.4	2.3	4.8	2.5	5.4	Cast iron	Yes, less	Yes			Yes
8/8/2018	65G47	HYLAND CREEK RD	SHEFFIELD CIR	One-Way Directional	2008-102	5	4.5	1.7	1.8		5.1	0.8	1.4	5.2	2.4	1.0	Cast iron	Yes, less	Yes			Yes
8/8/2018	65A51-2	NESBITT AVE S	W 96TH ST	One-Way Directional	2013-102						3.0	0.4	1.5	6.0	0.9	5.3	Cast iron	Yes, less	Yes			Yes
8/8/2018	65A51-1	NESBITT AVE S	W 96TH ST	One-Way Directional	2013-102						2.2	0.4	0.1	3.7	0.6	1.7	Cast iron	Yes, less	Yes			Yes
8/8/2018	66A01-2	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	3.5	4	0.4	1.0		2.2	0.3	1.0	2.3	0.3	3.1	Cast iron	Yes, less	Yes			Yes
8/8/2018	66A01-1	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102						1.6	0.1	0.3	2.7	0.9	2.6	Cast iron	Yes, less	Yes			Yes
8/8/2018	64Y51-2	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	6	4	1.5	1.5		2.4	0.9	0.7	1.5	1.8	0.2	Cast iron	Yes, less	Yes			Yes
8/8/2018	64Y51-1	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	4	6	1.5	1.5		2.5	0.8	0.3	1.4	0.3	2.4	Cast iron	Yes, less	Yes			Yes
8/8/2018	67A51-2	NESBITT AVE S	W 96TH ST	One-Way Directional	2013-102	4.7	5	1.1	0.5		1.8	0.4	1.0	3.1	0.3	3.7	Cast iron	Yes, less	Yes			Yes
8/8/2018	67A51	NESBITT AVE S	W 96TH ST	One-Way Directional	2013-102	5	4.7	0.5	1.1		3.1	0.5	0.9	5.2	0.3	1.9	Cast iron	Yes, less	Yes			Yes
8/8/2018	66K12	BRIAR RD	W 96TH ST	Combined Directional							0.8	1.1	0.9	4.8	0.9	3.2	Cast iron	Yes, less	Yes			Yes
8/8/2018	66K12-1	BRIAR RD	W 96TH ST	Combined Directional							0.9	0.6	1.1	4.8	2.0	1.3	Cast iron	Yes, less	Yes			Yes
8/7/2018	68Q44-01	COLORADO RD	COLORADO CIR	One-Way Directional	2009-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	68R44-01	COLORADO RD	COLORADO CIR	One-Way Directional	2009-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	68V44-01	COLORADO RD	W 102ND ST	One-Way Directional	2009-102	4.25	4	1.7	0.7		5.8	1.3	0.8	4.4	0.7	2.4	Cast iron	NA, dom	Yes			Yes
8/7/2018	68V44-02	COLORADO RD	W 102ND ST	One-Way Directional	2009-102						3.5	1.8	1.6	3.0	1.5	2.4	Cast iron	NA, dom	Yes			Yes
8/7/2018	73Q41-01	COLORADO RD	W 104TH ST	Perpendicular	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	73R41-01	COLORADO RD	W 104TH ST	Perpendicular	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	73W41-01	COLORADO RD	COLORADO CIR	One-Way Directional	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	73W41-02	COLORADO RD	COLORADO CIR	One-Way Directional	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	73X52-01	NESBITT AVE S	W 105TH ST	Diagonal	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	73X52-02	NESBITT AVE S	W 105TH ST	Diagonal	2008-102												Cast iron	No, more than 3"	Gap			<Null>
8/7/2018	68S44-01	COLORADO RD	W 101ST ST	One-Way Directional	2009-102						5.0	0.8	1.1	4.3	0.2	4.7	Cast iron		Yes			Yes
8/7/2018	68S44-02	COLORADO RD	W 101ST ST	One-Way Directional	2009-102						4.9	0.1	1.7	4.7	2.2	2.7	Cast iron	Yes, less	Yes			Yes
8/7/2018	73F52-01	NESBITT AVE S	TIMBERGLADE DR	One-Way Directional	2009-102						3.9	0.8	1.3	3.3	0.6	0.7	Cast iron	Yes, less	Yes			Yes
8/7/2018	73G52-01	NESBITT AVE S	TIMBERGLADE DR	One-Way Directional	2009-102						3.8	0.5	0.9	3.7	0.1	2.6	Cast iron	Yes, less	Yes			Yes
8/7/2018	73O52-01	NESBITT AVE S	W 104TH ST	One-Way Directional	2008-102	6	4	0.5	1.3		6.3	0.2	0.6	4.0	0.3	2.9	Cast iron	Yes, less	Yes			Yes
8/7/2018	73P52-01	NESBITT AVE S	W 104TH ST	One-Way Directional	2008-102						3.2	1.0	1.8	6.1	1.6	2.0	Cast iron	No, mor	Yes			No
8/3/2018	67M51-2	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	5	9.6	1.9	1.7		3.6	0.2	2.6	1.1	1.3	4.7	Cast iron	Yes, less	Yes			Yes
8/3/2018	67M51-1	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102						1.7	1.9	1.7	0.7	1.3	3.5	Cast iron	Yes, less	Yes			Yes
8/3/2018	67L51-2	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	4	4	1.8	1.0		2.2	0.6	0.0	3.2	0.2	0.9	Cast iron	Yes, less	Yes			Yes
8/3/2018	67L51-1	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	4	4	1.8	1.0		2.9	1.0	0.0	4.6	0.2	2.1	Cast iron	Yes, less	Yes			Yes
8/3/2018	66A13-4	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102						1.0	1.2	1.2	4.2	1.4	4.2	Cast iron	Yes, less	Yes			Yes
8/3/2018	66A13-3	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102						0.4	1.0	1.8	5.6	0.9	1.0	Cast iron	Yes, less	Yes			Yes
8/3/2018	66A13-2	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	4	4	1.8	0.5		1.8	0.3	0.6	2.6	0.2	1.1	Cast iron	Yes, less	Yes			Yes
8/3/2018	67A13-1	NESBITT AVE S	W 96TH ST	Combined Directional	2013-102	4		0.9	1.8		2.9	1.2	1.9	3.3	2.3	2.4	Cast iron	Yes, less	Yes			Yes
8/3/2018	66M27	BRIAR RD	HYLAND GREENS DR	Tiered Perpendicular													None					No
8/3/2018	66M28	BRIAR RD	HYLAND GREENS DR	Tiered Perpendicular													None					No
8/2/2018	33V01	FRANCE AVE S	W 98TH ST	Diagonal	2013-102	5	4.5	0.5	0.6		3.6	0.6	0.9	2.9	0.1	0.4	Cast iron	Yes, less	Yes			Yes
8/2/2018	33V01-01	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						2.8	0.8	0.1	1.2	0.3	1.6	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/2/2018	33V01-02	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						2.3	2.2	1.6	4.0	1.7	1.3	Cast iron	Yes, less	Yes			No
8/2/2018	33V01-03	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						0.4	0.9	1.4	2.1	1.3	1.8	Cast iron	Yes, less	Yes			Yes
8/2/2018	33W01	FRANCE AVE S	W 98TH ST	Diagonal	2013-102	4.5	5	0.8	1.1		6.0	1.0	2.4	2.1	2.4	0.8	Cast iron	No, more	Yes			Yes
8/2/2018	33W01-01	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						2.5	2.7	3.5	0.3	3.2	2.5	Cast iron	No, more	Yes			No
8/2/2018	33W01-02	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						1.5	3.5	4.5	2.2	3.1	3.4	Cast iron	No, more	Yes			No
8/2/2018	33W01-03	FRANCE AVE S	W 98TH ST	Perpendicular	2013-102						3.5	3.0	2.2	2.2	2.3	1.6	Cast iron	No, more	Yes			No
8/1/2018	37R49-02	FRANCE AVE S	CANTERBURY DR	One-Way Directional	2016-203						2.7	0.3	0.6	0.1	2.1	0.4	Cast iron	Yes, less	Yes			Yes
8/1/2018	37Q49-02	FRANCE AVE S	CANTERBURY DR	One-Way Directional	2016-203	6	6	0.6	0.9		1.2	1.1	1.0	0.2	1.7	1.0	Cast iron	Yes, less	Yes			Yes
8/1/2018	37Q49-03	FRANCE AVE S	CANTERBURY DR	One-Way Directional	2016-203						4.1	1.5	0.5	0.1	2.0	0.6	Cast iron	Yes, less	Yes			Yes
8/1/2018	74Y46-01	NESBITT AVE S	W 110TH ST	Perpendicular	2018-102	4.7	4.7	0.5	1.2		3.1	0.2	0.1	1.8	0.2	2.4	Cast iron	Yes, less	Yes			Yes
7/27/2018	75A40-04	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						3.7	1.1	0.3	2.5	1.4	0.7	Cast iron	Yes, less	Yes			Yes
7/27/2018	75A40-03	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						3.1	0.1	0.0	1.2	0.5	1.2	Cast iron	Yes, less	Yes			Yes
7/27/2018	75A40-02	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						4.5	1.3	1.7	0.7	0.7	0.8	Cast iron	Yes, less	Yes			Yes
7/27/2018	75A40-01	NESBITT AVE S	W OLD SHAKOPEE RD	Tiered Perpendicular	2018-102	6	4.8	2.0	0.5		4.8	0.9	1.3	0.5	1.2	2.9	Cast iron	Yes, less	Yes			Yes
7/27/2018	74N52-04	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						1.4	0.5	0.9	2.4	0.1	1.2	Cast iron	Yes, less	Yes			Yes
7/27/2018	74N52-03	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						0.8	0.6	1.0	2.0	1.0	0.1	Cast iron	Yes, less	Yes			Yes
7/27/2018	74N52-02	NESBITT AVE S	W OLD SHAKOPEE RD	Parallel	2018-102						0.9	0.9	0.3	1.7	1.3	0.8	Cast iron	Yes, less	Yes			Yes
7/27/2018	74N52-01	NESBITT AVE S	W OLD SHAKOPEE RD	Tiered Perpendicular	2018-102	6	5.7	0.8	0.1		0.5	0.7	0.4	2.1	0.5	3.4	Cast iron	Yes, less	Yes			Yes
7/27/2018	74A13-2	LOUISIANA AVE S	W 106TH ST	One-Way Directional	2018-102	5	5	1.1	0.8		3.7	0.4	0.6	3.2	0.6	2.3	Cast iron	Yes, less	Yes			Yes
7/27/2018	77A13-1	LOUISIANA AVE S	W 106TH ST	One-Way Directional	2018-102						4.7	0.4	0.3	2.5	0.8	1.5	Cast iron	Yes, less	Yes			Yes
7/27/2018	74M13-2	LOUISIANA AVE S	W OLD SHAKOPEE RD	One-Way Directional	2018-102						1.0	0.6	0.8	1.9	0.8	2.1	Cast iron	Yes, less	Yes			Yes
7/27/2018	74M13-1	LOUISIANA AVE S	W OLD SHAKOPEE RD	One-Way Directional	2018-102	5	6.4	0.1	0.6		1.1	0.4	0.3	2.3	0.2	1.4	Cast iron	Yes, less	Yes			Yes
7/27/2018	74Y52-01	NESBITT AVE S	W 110TH ST	One-Way Directional	2018-102	5	6	0.2	0.2		4.8	0.6	0.4	1.3	0.6	0.5	Cast iron	Yes, less	Yes			Yes
7/27/2018	74Y52-02	NESBITT AVE S	W 110TH ST	One-Way Directional	2018-102	6	5	0.2	0.2		4.0	1.5	0.8	4.0	1.2	0.8	Cast iron	Yes, less	Yes			Yes
7/27/2018	75Y52-02	NESBITT AVE S	W 110TH ST	Combined Directional	2018-102	5	5.5	0.4	1.0		3.9	0.7	1.7	1.4	0.8	1.9	Cast iron	Yes, less	Yes			Yes
7/27/2018	75Y52-01	NESBITT AVE S	W 110TH ST	Combined Directional	2018-102	5.5	5	1.0	0.4		1.8	1.4	0.7	0.6	2.1	0.6	Cast iron	Yes, less	Yes			Yes
7/27/2018	76A01-01	NESBITT AVE S	W 110TH ST	One-Way Directional	2018-102						1.4	0.1	0.3	1.8	1.0	0.4	Cast iron	Yes, less	Yes			Yes
7/27/2018	77G26-01	HAMPSHIRE AVE S	W 111TH ST	One-Way Directional	2018-102						5.0	1.3	0.4	0.2	0.9	0.7	Cast iron	Yes, less	Yes			Yes
7/27/2018	77H26-01	HAMPSHIRE AVE S	W 111TH ST	One-Way Directional	2018-102	5	5	1.4	1.5		2.0	0.4	1.7	2.1	1.2	0.2	Cast iron	Yes, less	Yes			Yes
7/27/2018	77D26-01	HAMPSHIRE AVE S	W 110TH ST	Tiered Perpendicular	2018-102	5	4.9	0.5	0.5		2.9	0.9	0.5	1.5	0.5	3.2	Cast iron	Yes, less	Yes			Yes
7/27/2018	77D25-02	HAMPSHIRE AVE S	W 110TH ST	Combined Directional	2018-102	5	4.5	0.4	1.0		2.8	0.4	0.4	1.7	0.8	0.1	Cast iron	Yes, less	Yes			Yes
7/27/2018	77D25-01	HAMPSHIRE AVE S	W 110TH ST	Combined Directional	2018-102	4.5	5	1.0	0.4		1.2	1.1	1.2	0.6	0.8	0.6	Cast iron	Yes, less	Yes			Yes
7/27/2018	77C25-01	HAMPSHIRE AVE S	W 110TH ST	Perpendicular	2018-102						2.9	1.0	0.8	1.9	1.3	0.2	Cast iron	Yes, less	Yes			Yes
7/26/2018	74N13-01	LOUISIANA AVE S	W OLD SAHKOPEE RD	One-Way Directional	2018-102	6.5	6	0.3	1.1		3.9	0.8	1.5	1.1	1.1	2.5	Cast iron	Yes, less	Yes			Yes
7/26/2018	74N13-02	LOUISIANA AVE S	W OLD SAHKOPEE RD	One-Way Directional	2018-102	6	6	0.3	1.1		2.2	1.2	0.4	2.3	1.0	1.9	Cast iron	No, more	Yes			No
7/26/2018	77C13-02	LOUISIANA AVE S	W 110TH ST	Combined Directional	2018-102	5	5	0.3	0.3		1.7	1.1	0.7	2.7	1.7	1.6	Cast iron	Yes, less	Yes			Yes
7/26/2018	77C13-03	LOUISIANA AVE S	W 110TH ST	Combined Directional	2018-102	5	5	0.3	0.3		4.1	0.6	0.7	1.0	0.4	0.9	Cast iron	Yes, less	Yes			Yes
7/26/2018	77D13-01	LOUISIANA AVE S	W 110TH ST	Perpendicular	2018-102	5	4	0.9	1.4		1.9	1.1	0.2	0.9	0.2	1.9	Cast iron	Yes, less	Yes			Yes
7/26/2018	77C13-01	LOUISIANA AVE S	W 110TH ST	One-Way Directional	2018-102						1.6	1.1	0.1	1.5	0.4	1.2	Cast iron	Yes, less	Yes			Yes
7/26/2018	74R06-01	BUSH LAKE RD	W 109TH ST	Perpendicular	2018-102	5	5	0.5	1.2		3.6	0.4	0.8	3.2	0.4	0.7	Cast iron	Yes, less	Yes			Yes
7/26/2018	64V45-02	COLORADO RD	COLORADO CIR	One-Way Directional	2010-101						2.5	1.0	0.8	1.9	0.6	0.7	Cast iron	Yes, less	Yes			Yes
7/25/2018	77C08-03	OREGON AVE S	W 110TH ST	Tiered Perpendicular	2018-102						3.9	0.0	0.5	3.1	0.5	1.4	Cast iron	Yes, less	Yes			Yes
7/25/2018	77C08-02	OREGON AVE S	W 110TH ST	One-Way Directional	2018-102	5	5.5	1.0	0.4		1.6	0.3	1.1	1.9	0.6	1.7	Cast iron	Yes, less	Yes			Yes
7/25/2018	77C07-01	OREGON AVE S	W 110TH ST	One-Way Directional	2018-102	5	5	0.5	1.5		2.7	0.0	1.3	2.7	0.7	1.1	Cast iron	Yes, less	Yes			Yes
7/25/2018	77C08-01	OREGON AVE S	W 110TH ST	One-Way Directional	2018-102	5	5.5	0.3	1.0		1.3	0.4	0.6	1.4	0.4	1.5	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N05-02	BUSH LAKE RD	W OLD SHAKOPEE RD	Parallel	2018-102						3.8	0.2	0.4	0.4	0.8	1.1	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N05-01	BUSH LAKE RD	W OLD SHAKOPEE RD	Tiered Perpendicular	2018-102	6	4.4	0.1	0.6		3.3	0.5	0.1	6.9	0.8	1.5	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N05-04	BUSH LAKE RD	W OLD SHAKOPEE RD	Parallel	2018-102						1.3	0.0	0.3	2.5	0.0	0.1	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N05-03	BUSH LAKE RD	W OLD SHAKOPEE RD	Perpendicular	2018-102						1.9	0.5	1.1	2.0	1.2	1.0	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N06-04	BUSH LAKE RD	W OLD SHAKOPEE RD	Parallel	2018-102						2.7	1.6	1.5	2.1	1.8	0.1	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than ½"	Jointing on sidewalk less than ½"	Fully Compliant
7/25/2018	74N06-03	BUSH LAKE RD	W OLD SHAKOPEE RD	Perpendicular	2018-102						0.6	0.4	0.4	2.3	0.2	2.3	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N06-02	BUSH LAKE RD	W OLD SHAKOPEE RD	Perpendicular	2018-102						4.3	0.4	1.5	0.5	1.5	0.4	Cast iron	Yes, less	Yes			Yes
7/25/2018	74N06-01	BUSH LAKE RD	W OLD SHAKOPEE RD	Tiered Perpendicular	2018-102	6	4.3	0.5	0.5		4.0	0.6	0.9	1.3	1.8	1.2	Cast iron	Yes, less	Yes			Yes
7/25/2018	74R05-03	BUSH LAKE RD	W 109TH ST	One-Way Directional	2018-102	5.8	5	0.7	0.5		1.1	1.0	0.2	4.2	0.5	1.0	Cast iron	Yes, less	Yes			Yes
7/25/2018	74R05-02	BUSH LAKE RD	W 109TH ST	Tiered Perpendicular	2018-102	5	5	0.5	1.0		4.4	0.3	0.1	1.7	0.5	2.7	Cast iron	Yes, less	Yes			Yes
7/25/2018	74R05-01	BUSH LAKE RD	W 109TH ST	One-Way Directional	2018-102	4.9	5	0.7	0.5		2.6	1.3	1.1	2.3	0.8	1.3	Cast iron	Yes, less	Yes			Yes
7/25/2018	67M38-01	DAKOTA RD	W 96TH ST	One-Way Directional	2018-101						3.3	0.6	0.6	1.5			Cast iron	Yes, less	Yes			Yes
7/25/2018	67M39-01	DAKOTA RD	W 96TH ST	One-Way Directional	2018-101						1.3	1.4	0.8	1.4	0.0	0.4	Cast iron	Yes, less	Yes			Yes
7/25/2018	67U46-01	COLORADO RD	W 98TH ST	One-Way Directional	2018-101						4.1	1.8	1.2	1.0	1.8	1.9	Cast iron	Yes, less	Yes			Yes
7/25/2018	67U47-01	COLORADO RD	W 98TH ST	One-Way Directional	2018-101						4.6	0.6	1.2	1.7			Cast iron	Yes, less	Yes			Yes
7/25/2018	14P11-02	POPLAR BRIDGE RD	FAWNRIDGE CIR	One-Way Directional	2018-101						1.6	1.9	1.0	2.4	0.1	1.2	Cast iron	Yes, less	Yes			Yes
7/25/2018	14P11-01	POPLAR BRIDGE RD	FAWNRIDGE CIR	One-Way Directional	2018-101						2.8	2.0	1.9	2.0	1.0	1.6	Cast iron	Yes, less	Yes			Yes
7/25/2018	14Y7-2	TOLEDO AVE S	W 93RD ST	One-Way Directional	2018-101	5.5	4.5	0.6	0.8		4.3	0.4	1.9	2.4	2.7	0.8	Cast iron	Yes, less	Yes			Yes
7/24/2018	71A18-01	ZINRAN AVE S	BLOOMINGTON FERRY RD	One-Way Directional	2011-110						1.9	1.6	1.6	3.2	0.7	0.7	Cast iron	Yes, less	Yes			Yes
7/24/2018	71A18-02	ZINRAN AVE S	BLOOMINGTON FERRY RD	One-Way Directional	2011-110						2.9	1.2	1.2	3.2	1.3	1.2	Cast iron	Yes, less	Yes			Yes
7/24/2018	70L12-01	BLOOMINGTON FERRY RD	AQUILA RD	One-Way Directional	2009-102						2.3	0.9		0.0	1.3	1.3	Cast iron	No, more than 3"	Gap			Yes
7/24/2018	70K12-01	BLOOMINGTON FERRY RD	AQUILA RD	One-Way Directional	2009-102						9.1	0.1		2.9	0.2	3.7	Cast iron	No, more than 3"	Gap			No
7/24/2018	70P11-01	BLOOMINGTON FERRY RD	W 100TH ST	One-Way Directional	2017-102						4.2	3.0	1.4	1.7	0.8	1.4	Cast iron	Yes, less	Yes			No
7/24/2018	70O11-02	BLOOMINGTON FERRY RD	W 100TH ST	Combined Directional	2017-102						1.5	0.7	0.8	2.0	1.1	0.1	Cast iron	Yes, less	Yes			Yes
7/24/2018	70O11-01	BLOOMINGTON FERRY RD	W 100TH ST	Combined Directional	2017-102						4.4	0.5	1.3	2.4	1.4	0.7	Cast iron	Yes, less	Yes			Yes
7/24/2018	70S12-01	BLOOMINGTON FERRY RD	W 101ST ST CIR	One-Way Directional	2009-102	5	5	1.7	2.0		5.8	2.0		2.0	1.9	0.7	Cast iron	No, more than 3"	Gap			Yes
7/24/2018	70S12-02	BLOOMINGTON FERRY RD	W 101ST ST CIR	One-Way Directional	2009-102	5	5	0.9	2.0		11.2	0.4		3.3	0.3	1.0	Cast iron	No, more than 3"	Gap			No
7/24/2018	70S13-02	BLOOMINGTON FERRY RD	W BOONE CIR	One-Way Directional	2009-102						3.3	0.7		0.2	0.9	0.1	Cast iron	No, more than 3"	Gap			Yes
7/24/2018	70S13-01	BLOOMINGTON FERRY RD	W BOONE CIR	One-Way Directional	2009-102						3.8	1.6		0.5	1.7	2.1	Cast iron	No, more than 3"	Gap			Yes
7/24/2018	70X24-01	ZINRAN RD	W 102ND ST	Parallel		15	5	3.4	1.8		17.5	1.2		1.9	3.4	0.8	None					No
7/24/2018	70W24-01	ZINRAN RD	W 102ND ST	One-Way Directional							4.8	0.5		1.1	2.6	2.4	None					No
7/24/2018	70X29-02	YUKON AVE S	W 102nd St	Diagonal							5.8	2.3		1.3	3.8	2.3	None					No
7/24/2018	70X29-01	YUKON AVE S	W 102nd St	One-Way Directional							3.8	0.2		1.2	2.9	2.9	None					No
7/20/2018	70V13-01	BLOOMINGTON FERRY RD	BOONE CIR	One-Way Directional	2009-102						8.0	1.8		1.2	1.0	1.0	Cast iron	No, more than 3"	Gap			<Null>
7/20/2018	70W13-01	BLOOMINGTON FERRY RD	BOONE CIR	One-Way Directional	2009-102						1.8	1.9		1.8	4.1	1.2	Cast iron	No, more than 3"	Gap			Yes
7/20/2018	70F08-01	CAVELL AVE S	CAVELL CIR	One-Way Directional							3.6	2.7		5.4	4.2	2.0	None					No
7/20/2018	70E08-01	CAVELL AVE S	CAVELL CIR	One-Way Directional							6.9	2.7		3.0	0.0	1.7	None					No
7/20/2018	70H08-01	CAVELL AVE S	CAVELL CIR	One-Way Directional							5.8	5.1		2.8	0.9	0.2	None					No
7/20/2018	70I08-01	CAVELL AVE S	CAVELL CIR	One-Way Directional							5.7	7.3		0.6	1.9	0.7	None					No
7/20/2018	69J29-01	Wyoming Ave S	W 96th St	Diagonal		5	5	0.9	9.0		12.0	0.1		6.7	1.5	3.0	Tyned					No
7/20/2018	69K29-01	Wyoming Ave S	W 96th St	One-Way Directional		5	5	6.5	4.3		4.6	8.6		10.1	3.3	4.3	Tyned					No
7/20/2018	69E28-01	Wyoming Ave S	W 95th St	One-Way Directional							9.4	0.9		4.3	0.8	2.9	Tyned					No
7/20/2018	69D28-02	Wyoming Ave S	W 95th St	Perpendicular		5	4.7	2.1	2.7		5.6	1.1		3.6	2.1	3.5	Tyned					No
7/20/2018	69D29-01	Wyoming Ave S	W 95th St	Perpendicular		4.7	5	3.2	1.4		9.4	1.6		2.3	2.2	3.1	Tyned					No
7/20/2018	69D28-01	Wyoming Ave S	W 95th St	One-Way Directional		4.7	5	2.8	2.1		0.8	2.9		2.6	3.4	1.3	Tyned					No
7/19/2018	60P51-2	PENNSYLVANIA RD	W 84TH ST	Perpendicular	2014-102						2.2	0.7	0.0	3.0	0.3	0.9	Cast iron	Yes, less	Yes			Yes
7/19/2018	60P51-1	PENNSYLVANIA RD	W 84TH ST	Perpendicular	2014-102	5	4.3	1.5	0.5		5.8	0.1	0.4	1.3	0.5	2.5	Cast iron	Yes, less	Yes			Yes
7/19/2018	72E31-01	Wyoming Rd	Wyoming Cir	One-Way Directional		4.5	5	1.4	1.7		5.5	1.4		0.4	4.4	1.0	None					No
7/19/2018	72F31-01	Wyoming Rd	Wyoming Cir	Diagonal	2005-102	4	5	1.0	0.1		6.4	0.4		1.3	0.7	2.0	Colored concrete	No, more than 3"	Gap			No
7/19/2018	53X02-1	Ashlar Dr	Masonic Home DW	Parallel													None					No
7/19/2018	53X02-2	Ashlar Dr	Masonic Home DW	Tiered Perpendicular													None					No
7/19/2018	52A01	FRANCE AVE S	OVERLOOK DR	One-Way Directional													None					No
7/19/2018	77R17	JERSEY CIR	JERSEY RD	Perpendicular	2011-103								1.5	4.7	1.5	1.9	Cast iron	No, more	Yes			<Null>
7/19/2018	53F01-1	NORMANDEALE BLVD	Trail West Rd	One-Way Directional													None					No
7/19/2018	53F01-2	NORMANDEALE BLVD	Trail West Rd	One-Way Directional													None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/19/2018	76R27	River Bluff Cir	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	76R28	River Bluff Cir	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	76S27	River Bluff Cir	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	76S28	River Bluff Cir	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	76J33	RIVER BLUFF CUR	RIVER BLUFF DR	Tiered Perpendicular													None					No
7/19/2018	76K33	RIVER BLUFF CUR	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	35A03-1	Trail West Rd	W 110th St	One-Way Directional													None					No
7/19/2018	53A03-2	Trail West Rd	W 110th St	One-Way Directional													None					No
7/19/2018	76F35-1	ZION RD	RIVER BLUFF DR	Tiered Perpendicular													None					No
7/19/2018	76F35-2	ZION RD	RIVER BLUFF DR	One-Way Directional													None					No
7/19/2018	76M29	ZION RD	RIVER BLUFF DR	Diagonal													None					No
7/19/2018	76M30	ZION RD	RIVER BLUFF DR	One-Way Directional													None					No
7/18/2018	70S28-01	YUKON AVE S	W 101st St	One-Way Directional	2006-102						0.7	0.0		1.1	2.2	3.6	Cast iron	No, more than 3" Gap				Yes
7/18/2018	70N32-01	Virginia Ave S	W 100th St	One-Way Directional	2005-101	5.6	5	1.8	0.9		5.6	2.5		2.3	2.2	2.2	Colored concrete	No, more than 3" Gap				No
7/18/2018	70Q28-02	YUKON AVE S	Zinran rd	Diagonal							8.7	0.3		0.7	3.1	1.5	Tyned	No, more than 3" Gap				No
7/18/2018	70Q28-01	YUKON AVE S	Zinran rd	One-Way Directional							5.0	0.9		2.3	4.3	0.6	None					No
7/18/2018	70U48-01	QUEBEC AVE S	W 101 St	One-Way Directional							4.0	1.3		2.0	0.5	0.7	None					No
7/18/2018	69V44-01	W BUSH LAKE RD	LINDSTROM DR	One-Way Directional	2009-101	6	8	3.8	8.8		8.9	3.0		6.4	0.8	5.6	Cast iron	No, more than 3" Gap				No
7/18/2018	69M38-01	W BUSH LAKE RD	WYOMING CIR	One-Way Directional	2013-102						1.4	1.6	2.9	3.5	2.7	0.6	Cast iron	Yes, less	Yes			Yes
7/18/2018	69M37-01	W BUSH LAKE RD	WYOMING CIR	Perpendicular	2013-102						4.5	0.6	3.2	3.5	3.1	0.2	Cast iron	Yes, less	Yes			Yes
7/18/2018	69Q19-02	YUKON AVE S	YUKON CIR	One-Way Directional	2006-101						2.3	0.5		1.2	2.6	1.9	Cast iron	No, more than 3" Gap				Yes
7/18/2018	69Q19-01	YUKON AVE S	Yukon cir	One-Way Directional							5.0	1.7		5.2	1.9	3.0	None					No
7/18/2018	69U22-01	Yukon Ct	W 97th St	One-Way Directional		5	5	0.0	1.0		5.6	0.6		3.3	1.4	3.5	None					No
7/18/2018	69U21-01	Yukon Ct	W 97th St	One-Way Directional		5	5	0.2	0.6		7.2	0.7		3.6	0.7	2.9	None					No
7/18/2018	69X25-01	XYLON AVE S	Xylon cir	One-Way Directional	2006-101						0.0	0.9		0.9	2.1	1.3	Cast iron	No, more than 3" Gap				Yes
7/18/2018	69W25-01	XYLON AVE S	Xylon cir	One-Way Directional		5	5	1.5	1.5		4.0	4.7		1.8	1.7	0.3	Tyned					No
7/18/2018	69U25-02	XYLON AVE S	W 97th St	One-Way Directional	2006-101	4.5	5	2.3	5.3		4.3	1.3	0.3	0.3	0.1	0.2	Cast iron	No, more	Yes			No
7/18/2018	69M35-01	Wyoming Cir		One-Way Directional		4.8	6	1.9	1.7		7.2	3.2		2.6	3.9	1.7	Tyned					No
7/18/2018	69O31-01	Wyoming terrace	Wyoming Cir	One-Way Directional		7.5	6	5.4	1.0		3.3	4.6		2.1	2.4	1.2	Tyned					No
7/18/2018	69P30-01	Wyoming terrace	Wyoming Cir	One-Way Directional							4.7	1.2		1.0	3.1	0.0	Tyned					No
7/18/2018	69M25-01	Wyoming Terrace	W 96th St	One-Way Directional							2.8	2.0		0.8	0.8	3.6	Tyned					No
7/18/2018	69M26-01	Wyoming Terrace	W 96th St	One-Way Directional		8.5	5.2	1.7	5.5		9.6	1.8		2.5	0.1	2.0	Tyned	No, more than 3" Gap				No
7/18/2018	69L26-01	Wyoming Terrace	W 96th St	Perpendicular		5	5	3.3	0.5		8.8	0.8		2.2	1.6	1.2	Tyned					No
7/18/2018	69N22-02	XYLON AVE S	W 96th St	One-Way Directional	2006-101	5	5	0.7	0.9		6.2	2.5		0.5	0.9	0.1	Cast iron	Yes, less	Yes			No
7/18/2018	69N22-01	XYLON AVE S	W 96th St	One-Way Directional		0	0				1.8	5.1		5.8	4.4	0.6	None					No
7/18/2018	69M22-02	XYLON AVE S	W 96th St	One-Way Directional		5	5	1.9	6.3		5.1	5.3		5.0	4.5	0.0	None					No
7/18/2018	69M22-01	XYLON AVE S	W 96th St	One-Way Directional							4.7	1.0		0.5	1.0	1.5	None					No
7/18/2018	62Z27-01		W 94th St	One-Way Directional							0.0	3.6		2.6	5.3	4.5	None					No
7/18/2018	62Z22-01		W 94th st	Perpendicular		5	5	6.8	1.4		4.7	6.6		10.3	3.2	9.3	Tyned					No
7/18/2018	69K18-01	YUKON AVE S	Yukon Cir	One-Way Directional		5	5	3.2	2.3		8.7	4.3		1.9	1.7	1.0	None					No
7/18/2018	69J18-01	YUKON AVE S	Yukon Cir	One-Way Directional		5	5	1.2	2.0		5.2	3.2		2.9	1.4	0.8	None					No
7/18/2018	69N19-02	YUKON AVE S	W 96th St	One-Way Directional							8.3	1.7	4.0	2.2	3.3	0.2	Tyned	Yes, less	Yes			No
7/18/2018	69N19-01	YUKON AVE S	W 96th St	Diagonal							14.7	1.0		5.2	3.3	1.3	None					No
7/18/2018	69M19-02	YUKON AVE S	W 96th St	One-Way Directional							15.9	1.2		7.7	3.3	2.9	Tyned	No, more	No, reconstruct to correct			No
7/18/2018	69M19-01	YUKON AVE S	W 96th St	Diagonal							9.2	6.6		5.2	2.4	5.6	None					No
7/18/2018	69X03-01	ENSIGN AVE S	W 97 1/2 St	One-Way Directional							3.6	1.1		0.0	1.4	1.2	None					No
7/18/2018	69Y03-01	ENSIGN AVE S	W 97 1/2 St	One-Way Directional		5	5	2.8	7.5		7.5	0.5		1.8	0.4	0.8	None					No
7/18/2018	69S03-01	ENSIGN AVE S	W 97th St	One-Way Directional		5	5	0.7	3.6		10.3	0.4		3.2	0.1	1.9	None					No
7/18/2018	69T03-01	ENSIGN AVE S	W 97th St	One-Way Directional		5.3	5	1.2	1.3		8.1	2.2		3.2	1.8	1.8	None					No
7/18/2018	69F06-01	WOODBIDGE DR	Woodbridge rd	One-Way Directional		5	5	1.7	1.6		5.4	1.9		3.1	0.1	4.1	None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/18/2018	69A14-02	BLOOMINGTON FERRY RD	SUNRISE RIDGE PARK	One-Way Directional	2010-205						7.6	1.1		0.5	2.5	0.0	Cast iron	No, more than 3" Gap				<Null>
7/18/2018	69A14-01	BLOOMINGTON FERRY RD	SUNRISE RIDGE PARK	One-Way Directional	2010-205						4.8	1.1		1.5	0.4	2.1	Cast iron	No, more than 3" Gap				Yes
7/18/2018	69N13-01	BLOOMINGTON FERRY RD	W 96TH ST	Perpendicular	2017-102						4.0	0.4	0.2	1.5	0.1	1.8	Cast iron	No, more	Yes			No
7/18/2018	69U25-01	XYLON AVE S	W 97th St	One-Way Directional	2006-101	5	5	1.4	1.2		0.0	2.4		1.2	1.0	0.2	Cast iron	No, more	Yes			No
7/16/2018	74B52	NESBITT AVE S	W 106th St	One-Way Directional													None					No
7/16/2018	67U42-3	DAKOTA RD	W 98th St	One-Way Directional													None					<Null>
7/16/2018	67U42-2	DAKOTA RD	W 98th St	Combined Directional													None					<Null>
7/16/2018	67U42-4	DAKOTA RD	W 98th St	One-Way Directional													None					<Null>
7/16/2018	67U42-1	DAKOTA RD	W 98th St	Diagonal													None					<Null>
7/16/2018	67Q42	DAKOTA RD	W 97TH ST	One-Way Directional													Tyned					<Null>
7/16/2018	67Q41	DAKOTA RD	W 97th St	One-Way Directional													None					<Null>
7/16/2018	67R42	DAKOTA RD	W 97th St	One-Way Directional													None					<Null>
7/16/2018	67R41	DAKOTA RD	W 97th St	One-Way Directional													None					<Null>
7/16/2018	67M42	DAKOTA RD	W 96TH ST	Combined Directional													None					<Null>
7/16/2018	67M41	DAKOTA RD	W 96TH ST	Combined Directional													None					<Null>
7/16/2018	67M44-2	Colorado Av S	W 96th St	One-Way Directional													None					<Null>
7/16/2018	67M47-1	Colorado Av S	W 96th St	One-Way Directional													None					<Null>
7/16/2018	67M47	Brunswick Cir	W 96th St	One-Way Directional													None					<Null>
7/16/2018	67M46	Brunswick Cir	W 96th St	One-Way Directional													None					<Null>
7/16/2018	67M50-2	ALABAMA CIR	W 96th St	One-Way Directional													None					<Null>
7/16/2018	67M50-1	ALABAMA CIR	W 96th St	One-Way Directional													None					<Null>
7/13/2018	69N14-02	BLOOMINGTON FERRY RD	W 96TH ST	Depressed Corner	2010-205						2.3	1.7		1.3	3.7	0.7	Cast iron	No, more than 3" Gap				Yes
7/13/2018	69N14-01	BLOOMINGTON FERRY RD	W 96TH ST	One-Way Directional	2010-205						4.4	1.0		1.5	0.8	0.2	Cast iron	No, more than 3" Gap				Yes
7/12/2018	70U51-01	BUSH LAKE RD	W 101st St	One-Way Directional							4.5	0.0		0.9	0.7	1.6	None					No
7/12/2018	70T51-01	BUSH LAKE RD	W 101st St	One-Way Directional							4.7	1.6		2.1	1.7	2.4	None					No
7/12/2018	70U49-01	QUEBEC AVE S	W 101 St	One-Way Directional	2006-102						0.8	1.0	1.9	5.4	1.8	2.1	Cast iron	Yes, less	Yes			Yes
7/12/2018	70S36-01	UTAH AVE S	W 101ST ST	Parallel	2011-101	4.5	3.7	1.6	1.9		9.9	2.4		1.8	2.9	0.9	Cast iron	No, more than 3" Gap				No
7/12/2018	70T36-01	UTAH AVE S	W 101ST ST	One-Way Directional	2011-101						2.9	0.4		0.3	2.7	0.3	Cast iron	No, more than 3" Gap				Yes
7/12/2018	70S36-02	UTAH AVE S	W 101ST ST	Parallel	2011-101	4	4	1.7	1.0		6.4	2.3		0.9	0.1	1.1	Cast iron	No, more than 3" Gap				No
7/12/2018	70S35-01	UTAH AVE S	W 101ST ST	Parallel	2011-101						3.2	2.0		0.3	1.4	0.5	Cast iron	No, more than 3" Gap				Yes
7/12/2018	71E39-01	UTAH AVE S	W 102nd St	One-Way Directional	2006-102						5.0	0.0		4.5	2.0	6.0	Cast iron	No, more than 3" Gap				Yes
7/12/2018	71F40-01	UTAH AVE S	W 102nd St	One-Way Directional							10.4	1.3		3.4	1.8	2.4	None					No
7/12/2018	71G44-01	RHODE ISLAND AVE S	W 102nd St	One-Way Directional							4.4	1.7		0.5	2.3	1.4	None					No
7/12/2018	71G45-02	RHODE ISLAND AVE S	W 102nd St	Combined Directional		5	5	5.0	0.2		6.2	4.4		1.1	4.5	0.2	None					No
7/12/2018	71G45-01	RHODE ISLAND AVE S	W 102nd St	Combined Directional		5	5	0.4	5.4		8.2	4.3		1.8	3.2	1.8	None					No
7/12/2018	71G50-01	QUEBEC AVE S	W 102nd St	One-Way Directional	2006-102						2.8	3.5		2.9	3.7	0.6	Cast iron	Yes, less	No, reconstruct to correct			No
7/12/2018	71G51-01	QUEBEC RD	W 102nd St	One-Way Directional	2006-102	5	5	1.9	4.2		4.0	2.0	1.7	4.9	2.4	1.8	Cast iron	Yes, less	No, write exception			Yes
7/12/2018	69V46-01A	W BUSH LAKE RD	LINDSTROM DR	Diagonal	2009-101	4.9	8	1.5	3.7		1.2	1.5	2.0	1.6	2.2	1.9	Cast iron	Yes, less	Yes			Yes
7/12/2018	69V46-01	W BUSH LAKE RD	LINDSTROM DR	Diagonal	2009-101	4.9	8	1.5	3.7		8.0	3.1	7.5	0.5	0.5	0.6	Cast iron	No, more than 3" Gap				No
7/12/2018	69V46-01B	W BUSH LAKE RD	LINDSTROM DR	Diagonal	2016-502	4.9	8	1.5	3.7		1.4	4.4	3.8	2.6	4.4	3.1	Cast iron	No, more than 3" Gap				No
7/12/2018	69U46-01	W BUSH LAKE RD	LINDSTROM DR	Parallel	2016-502	4	14.5	0.2	1.4		5.7	0.5		0.4	2.5	0.2	Cast iron	No, more than 3" Gap				No
7/12/2018	69Z38-01	SOUTH BAY DR	LINDSTROM DR	One-Way Directional	2016-101						0.6	1.5	1.3	2.3	0.5	1.8	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/12/2018	69Z39-01	SOUTH BAY DR	LINDSTROM DR	Diagonal	2016-101						2.6	2.0	2.4	0.2	3.7	0.1	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	69Y39-01	SOUTH BAY DR	SOUTH BAY CIR	One-Way Directional	2016-101						0.2	0.5	0.4	3.0	0.0	1.4	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	69X39-01	SOUTH BAY DR	SOUTH BAY CIR	One-Way Directional	2016-101						2.4	1.8	2.9	3.1	2.3	0.5	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	60Y33-01	SOUTH BAY DR	LINDSTROM DR	One-Way Directional	2016-101						1.8	0.6	0.6	2.3	1.7	1.4	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	69Y34-01	SOUTH BAY DR	LINDSTROM DR	One-Way Directional	2016-101						0.4	1.8	2.6	1.4	4.2	0.1	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	70A25-01	XYLON AVE S	LINDSTROM DR	One-Way Directional	2017-110						1.7	2.0	5.1	0.8	2.4	2.7	Cast iron	Yes, less	than 3" Gap			Yes
7/12/2018	70B27-01	XYLON AVE S	LINDSTROM DR	One-Way Directional	2009-101						6.4	1.3	3.9	3.0	3.6	1.8	Cast iron	Yes, less	Yes			No
7/12/2018	70B26-01	XYLON AVE S	LINDSTROM DR	Diagonal	2009-101						2.6	2.0	2.4	1.8	2.9	1.0	Cast iron	Yes, less	than 3" Gap			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/11/2018	70C13-01	BLOOMINGTON FERRY RD	LINDSTROM DR	Fan	2017-110						3.1	0.6	0.5	3.2	1.2	2.3	Cast iron	Yes, less	Yes			Yes
7/11/2018	70C12-01	BLOOMINGTON FERRY RD	W 98th St	Combined Directional	2017-102	5	5	0.7	1.3		3.3	1.7	0.2	1.2	0.3	0.8	Cast iron	Yes, less	Yes			Yes
7/11/2018	70C11-01	BLOOMINGTON FERRY RD	W 98th St	Combined Directional	2017-102	5	5	1.1	0.8		3.0	1.8	0.5	2.7	1.1	0.6	Cast iron	Yes, less	Yes			Yes
7/11/2018	70E11-01	BLOOMINGTON FERRY RD	W 98th St	One-Way Directional	2017-102						2.9	1.7	0.6	2.3	0.2	1.4	Cast iron	Yes, less	Yes			Yes
7/11/2018	70E11-02	BLOOMINGTON FERRY RD	W 98TH ST	Perpendicular	2017-102	5	5	3.4	1.6		3.9	0.6	0.4	4.0	1.2	1.0	Cast iron	Yes, less	Yes			Yes
7/11/2018	70E13-01	BLOOMINGTON FERRY RD	LINDSTROM DR	Depressed Corner	2009-101						1.7	4.2		1.9	1.1	3.9	Cast iron	No, more than 3" Gap				No
7/11/2018	70E15-01	AQUILA RD	LINDSTROM DR	One-Way Directional	2009-102	5	5	4.0	1.4		4.5	3.6		0.4	2.9	1.1	Cast iron	No, more	No, reconstruct to correct			No
7/11/2018	70E14-01	AQUILA RD	LINDSTROM DR	One-Way Directional	2009-102						5.7	5.0		3.2	0.7	1.6	Cast iron	No, more	No, reconstruct to correct			No
7/10/2018	70D07	Cavell Ave S	W 98TH ST	Combined Directional													None					No
7/10/2018	70D08-01	Cavell Ave s	W 98th St	Combined Directional							17.0	1.9		0.2	2.4	3.2	None					No
7/10/2018	70C08-01	Cavell Ave s	W 98th St	Combined Directional							10.2	0.7		2.4	2.4	0.6	None					No
7/10/2018	70C08-02	Cavell Ave s	W 98th St	Combined Directional		0	0				6.5	5.2		1.1	1.6	1.2	None					No
7/10/2018	70C07-01	Cavell Ave s	W 98th St	One-Way Directional							9.4	1.8		0.2	1.5	2.0	None					No
7/10/2018	69P03-01	ENSIGN AVE S	Ensign cir	One-Way Directional		5	5	0.3	1.0		4.5	2.5		2.2	2.5	0.3	None					No
7/10/2018	69O03-01	ENSIGN AVE S	Ensign cir	One-Way Directional		5	5	2.0	1.4		9.2	2.3		2.0	0.4	2.7	None					No
7/10/2018	69G03-01	ENSIGN AVE S	Woodbridge Rd	One-Way Directional							7.3	1.6		4.4	0.6	1.0	Tyned					No
7/10/2018	69F03-01	ENSIGN AVE S	Woodbridge dr	One-Way Directional		5	5	2.0	1.6		6.3	2.8		0.2	2.2	0.7	None					No
7/10/2018	62Y05-2	ENSIGN AVE S		Tiered Perpendicular													None					No
7/10/2018	62Y05-1	ENSIGN AVE S		Tiered Perpendicular													None					No
7/10/2018	62T12-2	VENESS RD	BLOOMINGTON FERRY RD	Combined Directional	2010-205												Cast iron	No, more	Yes			<Null>
7/10/2018	62T12-1	VENESS RD	BLOOMINGTON FERRY RD	Combined Directional	2010-205												Cast iron	No, more than 3" Gap				<Null>
7/10/2018	62S11-2	VENESS RD	BLOOMINGTON FERRY RD	Combined Directional													Tyned	No, more than 3" Gap				No
7/10/2018	62S11-1	VENESS RD	BLOOMINGTON FERRY RD	Combined Directional	2010-205												Cast iron	No, more than 3" Gap				<Null>
7/10/2018	62V12-01	ENSIGN AVE S	BLOOMINGTON FERRY RD	Combined Directional		9	5	0.4	1.7		3.7	0.5		0.8	2.9	0.4	None					No
7/10/2018	62V11-01	ENSIGN AVE S	BLOOMINGTON FERRY RD	Combined Directional		5	9	1.2	1.7		4.7	2.7		0.4	0.9	1.6	None					No
7/10/2018	62U10-04	ENSIGN AVE S	BLOOMINGTON FERRY RD	Perpendicular		9.5	5	3.4	1.5		5.9	0.9		2.0	2.2	1.6	None					No
7/10/2018	62U11-02	ENSIGN AVE S	BLOOMINGTON FERRY RD	Perpendicular		6	5	1.2	3.3		0.1	1.4	6.5	1.2	0.1	0.3	None					No
7/10/2018	62U11-01	ENSIGN AVE S	BLOOMINGTON FERRY RD	Perpendicular		6	5	1.2	3.3		0.2	1.9	11.0	0.9	2.0	1.4	None					No
7/10/2018	62U11-03	ENSIGN AVE S	BLOOMINGTON FERRY RD	Perpendicular		6	5	1.2	3.3		4.4	0.0	1.8	0.1	1.7	2.3	None					No
7/10/2018	62S14-01	VENESS RD	W 93rd st	One-Way Directional							2.1	0.3		2.0	4.0	0.2	None					No
7/10/2018	62R14-01	VENESS RD	W 93rd st	One-Way Directional							2.5	1.3		2.5	1.6	3.1	Tyned	No, more than 3" Gap				No
7/10/2018	62N16-01	VENESS RD	DECATUR AVE S	One-Way Directional	2013-102						3.3	0.4	1.8	3.2	1.1	0.2	Cast iron	Yes, less	Yes			Yes
7/10/2018	62O16-01	VENESS RD	DECATUR AVE S	One-Way Directional	2013-102						0.8	0.5	0.5	2.0	0.1	0.6	Cast iron	Yes, less	Yes			Yes
7/10/2018	62G19-01	VENESS RD	Yukon Ave S	One-Way Directional							0.5	3.6		3.1	4.1	0.8	None					No
7/10/2018	62H19-01	VENESS RD	Yukon Ave S	One-Way Directional							0.5	3.6		3.1	4.1	0.8	None					No
7/10/2018	62G18-02	VENESS RD	AMSDEN RIDGE DR	One-Way Directional	2013-102						2.7	0.5	0.5	2.6	0.4	0.7	Cast iron	Yes, less	Yes			Yes
7/10/2018	62G18-01	VENESS RD	AMSDEN RIDGE DR	One-Way Directional	2013-102						1.0	3.7	3.3	3.1	3.8	3.5	Cast iron	Yes, less	Yes			No
7/10/2018	61C38-01	TEXAS AVE S	W 87TH ST	One-Way Directional	2008-101	5	5	0.5	1.5		5.5	1.6	2.6	3.7	1.8	2.4	Cast iron	Yes, less	Yes			Yes
7/10/2018	59Z44-02	RHODE ISLAND AVE S	HIGHWOOD DR	One-Way Directional	2012-102						2.3	2.6	1.8	2.7	0.8	1.6	Cast iron	Yes, less	Yes			No
7/10/2018	59Z44-01	RHODE ISLAND AVE S	HIGHWOOD DR	One-Way Directional	2012-102						2.6	3.2	0.5	2.6	0.9	2.4	Cast iron	Yes, less	Yes			No
7/10/2018	60V32-02	Virginia Rd	Virginia Cir	Perpendicular							6.4	0.1		2.8	1.1	2.6	None					No
7/10/2018	60V31-01	Virginia Rd	Virginia Cir	One-Way Directional							1.6	1.6		0.8	7.7	2.6	None					No
7/10/2018	60M36-02	W 84TH ST CIR	W 84th St	One-Way Directional	2006-102						0.9	2.0	1.0	4.8	2.3	3.1	Cast iron	Yes, less	Yes			Yes
7/10/2018	60M36-01	W 84TH ST CIR	W 84th St	One-Way Directional	2006-102						3.9	1.6	0.8	4.0	0.8	1.9	Cast iron	Yes, less	Yes			Yes
7/10/2018	60R39-02	W 84TH ST CIR	W 84th St	One-Way Directional							2.6	1.1		2.1	0.4	2.1	None					No
7/10/2018	60R39-01	W 84TH ST CIR	W 84th St	One-Way Directional							1.5	0.5		1.5	3.2	0.2	None					No
7/10/2018	60U41-02	W 85th St	W 84th St	One-Way Directional							1.5	0.3		2.5	2.9	1.8	None					No
7/10/2018	60U41-01	W 85th St	W 84th St	Diagonal		3.4	4.6	2.0	1.9		4.1	1.2		0.1	0.5	1.7	None					No
7/10/2018	60V42-01		W 84th St	Perpendicular		3.4	4.6	2.0	1.9		4.1	1.2		0.1	0.5	1.7	None					No
7/10/2018	60R35-02	W 85TH ST CIR	W 85TH ST	One-Way Directional	2006-102						2.2	0.5	0.9	2.3	1.6	0.6	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/10/2018	60R35-01	W 85TH ST CIR	W 85TH ST	One-Way Directional	2006-102						4.6	0.6	1.7	2.3	2.1	0.9	Cast iron	Yes, less	Yes			Yes
7/10/2018	60S32-01	Virginia Rd	W 85th St	One-Way Directional							0.4	2.2		2.6	5.0	0.5	None					No
7/10/2018	60R32-02	Virginia Rd	W 85th St	One-Way Directional							3.5	2.0		7.2	4.9	3.8	None					No
7/10/2018	60R32-01	Virginia Rd	Virginia Cir	One-Way Directional	2006-102						3.0	0.7	1.2	3.0	0.6	0.0	Cast iron	Yes, less	Yes			Yes
7/10/2018	60M32-02	Virginia Ave S	W 84th St	One-Way Directional							0.7	3.4		2.5	2.1	3.0	None					No
7/10/2018	60M32-01	Virginia Ave S	W 84th St	One-Way Directional							1.3	1.6		4.9	4.5	2.6	None					No
7/10/2018	60M31-01	Virginia Ave S	W 84th St	One-Way Directional							4.5	1.2		5.3	0.9	2.1	None					No
7/10/2018	60O32-02	Virginia Rd	Virginia Cir	One-Way Directional							5.0	1.4		0.5	1.0	0.2	None					No
7/10/2018	60O32-01	Virginia Rd	Virginia Cir	One-Way Directional							2.8	4.3		3.8	3.7	2.2	None					No
7/10/2018	08Z26	HUMBOLDT AVE S	W 86TH ST	One-Way Directional	2782-352												Cast iron	Yes, less	Yes			Yes
7/10/2018	17A25	HUMBOLDT AVE S	W 86TH ST	One-Way Directional	2782-352												Cast iron	Yes, less	Yes			Yes
7/10/2018	17A26	HUMBOLDT AVE S	W 86TH ST	One-Way Directional	2782-352												Cast iron	Yes, less	Yes			Yes
7/10/2018	8Z28	HUMBOLDT AVE S	W 86TH ST	One-Way Directional	2782-352												Cast iron	Yes, less	Yes			Yes
7/6/2018	69B35-01	W BUSH LAKE RD	W BUSH LAKE PARK	One-Way Directional	2010-401						4.8	1.6		1.4	1.2	2.8	Cast iron	No, more than 3" Gap				Yes
7/6/2018	69A35-01	W BUSH LAKE RD	W BUSH LAKE PARK	One-Way Directional	2010-401						1.0	1.5		1.0	0.7	2.6	Cast iron	No, more than 3" Gap				Yes
7/6/2018	69A34-01	W BUSH LAKE RD	W 95TH ST	One-Way Directional	2010-401						5.0	0.3		0.9	3.3	0.7	Cast iron	No, more than 3" Gap				Yes
7/6/2018	69A34-02	W BUSH LAKE RD	W 95TH ST	One-Way Directional	2010-401						4.2	1.9	0.2	2.8	0.2	1.8	Cast iron	Yes, less	Yes			Yes
7/6/2018	69B34-01	W BUSH LAKE RD	W 95TH ST	One-Way Directional	2013-102						3.7	0.9	1.1	5.6	0.3	0.5	Cast iron	Yes, less	Yes			Yes
7/6/2018	69B32-02	Virginia Ave S	W 95 th st	One-Way Directional		6.5	5	1.4	8.5		12.7	2.3		4.0	2.4	4.3	Tyned					No
7/6/2018	69B32-01	Virginia Ave S	W 95 th st	One-Way Directional		5	5	4.0	0.4		5.3	6.9		2.7	4.2	0.0	Tyned					No
7/6/2018	59W33-01	UTAH AVE S	W Bush Lake Rd	One-Way Directional	2009-102	4	5	3.1	0.9		3.2	0.0	0.9	7.7	2.5	2.6	Cast iron	Yes, less	Yes, 5' or less from BOC			Yes
7/6/2018	59X33-01	UTAH AVE S	W Bush Lake Rd	One-Way Directional	2009-102	3	5	3.2	5.8		10.5	3.1	2.4	7.4	2.2	0.3	Cast iron	No, more than 3" Gap				No
7/6/2018	62D21-03	VENESS RD	W BUSH LAKE RD	Perpendicular	2010-401						1.4	1.5		2.2	2.8	0.6	Cast iron	No, more than 3" Gap				Yes
7/6/2018	62D21-02	VENESS RD	W BUSH LAKE RD	One-Way Directional	2010-101						7.3	2.0		3.9	1.3	2.4	Cast iron	No, more than 3" Gap				<Null>
7/6/2018	62D21-01	VENESS RD	W BUSH LAKE RD	Perpendicular	2010-101	5	5	0.8	5.1		7.5	4.4		5.3	4.4	5.1	Cast iron	No, more than 3" Gap				No
7/6/2018	62D20-01	VENESS RD	W BUSH LAKE RD	One-Way Directional	2010-101						12.3	2.0		4.5	2.6	3.9	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
7/6/2018	61G25-01	W BUSH LAKE RD	OAKMERE RD	One-Way Directional	2010-401						2.3	1.8		4.1	0.4	3.3	Cast iron	No, more than 3" Gap				Yes
7/6/2018	60V29-01	W BUSH LAKE RD	VIRGINIA RD	Combined Directional	2009-102						4.2	1.9	1.4	3.0	1.0	3.9	Cast iron	Yes, less	Yes			Yes
7/6/2018	60U29-01	W BUSH LAKE RD	VIRGINIA RD	One-Way Directional	2009-102						4.1	0.2		2.0	4.0	3.7	Cast iron	No, more than 3" Gap				Yes
7/5/2018	14R19	PALMER RD	COLLEGEVIEW RD	Combined Directional	2013-102						2.1	0.5	0.2	2.6	0.2	2.1	Cast iron	No, more than 3" Gap	Yes			Yes
7/5/2018	14R18	PALMER RD	COLLEGEVIEW RD	Combined Directional	2013-102						3.0	1.2	2.5	3.7	1.0	1.1	Cast iron	Yes, less	Yes			Yes
7/5/2018	14Q16-2	COLLEGEVIEW CIR	COLLEGEVIEW RD	One-Way Directional	2017-110						2.2	1.2	2.8	0.7	2.4	2.7	Cast iron	Yes, less	Yes			Yes
7/5/2018	14Q16	COLLEGEVIEW CIR	COLLEGEVIEW RD	Diagonal	2017-110						1.3	0.3	1.5	2.5	2.6	3.1	Cast iron	Yes, less	Yes			Yes
7/5/2018	14Y7-1	TOLEDO AVE S	W 93RD ST	One-Way Directional	2018-101						1.9	1.1	1.6	3.1	1.4	1.3	Cast iron	Yes, less	Yes			Yes
7/5/2018	14W9	RICH RD	W 93RD ST	Diagonal	2018-101						2.0	0.0	1.8	2.4	0.8	1.1	Cast iron	Yes, less	Yes			Yes
7/5/2018	35D19	PALMER RD	W 94TH ST	One-Way Directional	2018-101	5	8	0.0	1.8		6.5	0.2	0.2	3.9	1.0	1.0	Cast iron	Yes, less	Yes			Yes
7/5/2018	35C17	PALMER RD	W 94TH ST	One-Way Directional	2018-101						0.4	1.9	1.0	0.8	1.5	2.7	Cast iron	Yes, less	Yes			Yes
7/5/2018	3.50E+18	PALMER RD	W 94TH ST	Tiered Perpendicular	2018-101	4.5	5.5	0.2	0.5		4.6	0.6	0.3	1.3	0.4	1.0	Cast iron	Yes, less	Yes			Yes
7/5/2018	35C16-1	PALMER RD	W 94TH ST	One-Way Directional	2018-101	4.5	4	0.2	0.9		4.6	0.1	1.4	0.7	1.0	1.4	Cast iron	Yes, less	Yes			Yes
7/5/2018	35C16	PALMER RD	W 94TH ST	One-Way Directional	2018-101						0.6	1.9	0.5	1.6	1.4	0.8	Cast iron	Yes, less	Yes			Yes
7/5/2018	14T18-2	PALMER RD	W 93RD ST	One-Way Directional	2018-101						1.3	1.1	1.5	1.4	1.2	2.5	Cast iron	Yes, less	Yes			Yes
7/5/2018	14T18-1	PALMER RD	W 93RD ST	One-Way Directional	2018-101						1.9	0.3	1.3	1.3	0.2	1.5	Cast iron	Yes, less	Yes			Yes
7/5/2018	60M29-3	W BUSH LAKE RD	W 84TH ST	One-Way Directional	2009-102	5	5	4.3	4.3		10.0	0.9	2.0	2.0	1.6	3.9	Cast iron	Yes, less	Yes			No
7/5/2018	60M29-2	W BUSH LAKE RD	W 84TH ST	Perpendicular	2009-102	5	5	4.3	4.3		5.8	4.5	3.8	1.2	3.6	8.9	Cast iron	Yes, less	Yes			No
7/5/2018	60M29-1	W BUSH LAKE RD	W 84TH ST	One-Way Directional	2009-102						4.9	0.6	0.8	1.1	1.1	0.4	Cast iron	Yes, less	Yes			Yes
7/5/2018	60g28-01	W BUSH LAKE RD	W 83RD ST	One-Way Directional	2009-102	0	0				5.2	5.9		6.8	0.5	3.6	Cast iron	No, more than 3" Gap				No
7/5/2018	60h28-01	W BUSH LAKE RD	W 83RD ST	One-Way Directional	2009-102						4.4	0.9	0.0	3.4	0.0	0.5	Cast iron	Yes, less than 3" Gap				Yes
7/5/2018	59Y26-2	TIERNEYS WOODS RD	HIGHWOOD DR	Perpendicular	2012-102						4.9	1.2	2.9	2.2	1.9	2.1	Cast iron	Yes, less	Yes			Yes
7/5/2018	59Y26	TIERNEYS WOODS RD	HIGHWOOD DR	One-Way Directional	2012-102	5	5.3	1.9	1.4		5.4	0.7	0.2	2.8	1.1	1.2	Cast iron	Yes, less	Yes			Yes
7/3/2018	59Q38-2	TELEGRAPH RD		One-Way Directional	2016-102						1.9	0.3	0.4	1.0	1.7	0.6	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/3/2018	59Q38-1	TELEGRAPH RD		Perpendicular	2016-102						1.6	0.8	0.3	1.2	0.4	0.6	Cast iron	Yes, less	Yes			Yes
7/3/2018	59p39-2	TELEGRAPH RD		Perpendicular	2016-102						0.5	0.5	0.5	0.4	0.3	1.1	Cast iron	Yes, less	Yes			Yes
7/3/2018	59P39-1	TELEGRAPH RD		One-Way Directional	2016-102			4.3			2.5	0.5	1.9	0.0	1.4	0.0	Cast iron	Yes, less	Yes			Yes
7/3/2018	60B38-01	TELEGRAPH RD	HIGHWOOD DR	One-Way Directional	2012-102						7.3	3.3	7.0	1.0	0.2	5.6	Cast iron	Yes, less	Yes			No
7/3/2018	60C38-01	TELEGRAPH RD	HIGHWOOD DR	One-Way Directional	2012-102						2.4	4.2		7.4	8.4	1.2	Cast iron	No, more	Yes			No
7/3/2018	29Z52-01	PORTLAND AVE S	E OLD SHAKOPEE RD	Diagonal		9.5	12.5	0.6	0.9		10.6	0.7	3.9	1.9	0.2	1.1	Tyned	No, more than 3"	Gap			No
7/3/2018	29Z52-02	PORTLAND AVE S	E OLD SHAKOPEE RD	Diagonal	COUNTY	9.5	12.5	0.2	0.5		5.6	0.5	1.9	1.6	1.9	0.6	Cast iron	Yes, less	Yes			Yes
7/3/2018	29Z51-01	PORTLAND AVE S	E OLD SHAKOPEE RD	Perpendicular		8	12.5	2.2	3.2		2.2	0.7	0.6	1.4	1.2	2.0	Tyned	Yes, less	Yes			No
7/3/2018	29Z45-01	4TH AVE S	E 98TH ST	One-Way Directional	2004-101												Colored concrete					No
7/3/2018	29M39-01	3RD AVE S	E 96TH ST	One-Way Directional	2004-101	5	4	2.0	2.0		4.3	0.3		2.6	1.3	1.5	Colored concrete					No
7/3/2018	29M42-01	CLINTON AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
7/3/2018	29M42-01	CLINTON AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
7/3/2018	29M45-01	4TH AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
7/3/2018	29M46-01	4TH AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
7/3/2018	29M52-01	PORTLAND AVE S	E 96TH ST	Diagonal	2004-101						5.0	0.5		0.5	2.1	3.5	Colored concrete					No
7/3/2018	29M51-01	PORTLAND AVE S	E 96TH ST	One-Way Directional	2004-101						9.7	0.7		3.0	1.0	1.4	Colored concrete	No, more	Yes			No
7/3/2018	29H04-02	GARFIELD AVE S	W 95th St	One-Way Directional	2007-101						4.2	0.8	0.2	0.0	0.7	4.1	Cast iron	Yes, less	Yes			Yes
7/3/2018	29H04-01	GARFIELD AVE S	W 95th St	One-Way Directional	2007-101						0.9	1.0	0.7	7.0	0.7	1.9	Cast iron	No, more	Yes			No
7/3/2018	29H01-01	LYNDALE AVE S	W 95TH ST	One-Way Directional	2010-101						3.4	0.5	1.0	4.2	0.0	0.9	Cast iron	Yes, less	Yes			Yes
7/2/2018	68A51-2	NESBITT AVE S	W 99TH ST	One-Way Directional	2016-102						1.4	1.4	2.4	2.4	1.9	2.6	Cast iron	Yes, less	Yes			Yes
7/2/2018	68A51-1	NESBITT AVE S	W 99TH ST	One-Way Directional	2016-102						4.1	0.0	2.7	4.8	0.5	0.6	Cast iron	Yes, less	Yes			Yes
7/2/2018	66A22-4	NESBITT AVE S	W 98TH ST	Tiered Perpendicular	2016-102	5	4	0.8	1.1		5.1	0.8	1.4	3.7	0.6	0.0	Cast iron	Yes, less	Yes			Yes
7/2/2018	66A22-3	NESBITT AVE S	W 98TH ST	Perpendicular	2016-102						1.0	0.4	1.1	2.5	0.4	0.5	Cast iron	Yes, less	Yes			Yes
7/2/2018	66A22-2	NESBITT AVE S	W 98TH ST	Diagonal	2016-102						0.7	0.2	0.4	1.8	0.0	0.9	Cast iron	Yes, less	Yes			Yes
7/2/2018	66A22-1	NESBITT AVE S	W 98TH ST	Diagonal	2016-102						1.2	0.4	1.2	4.0	0.8	1.5	Cast iron	Yes, less	Yes			Yes
7/2/2018	67U51-2	NESBITT AVE S	W 98TH ST	One-Way Directional	2013-102						3.4	1.2	0.6	1.4	0.1	2.2	Cast iron	Yes, less	Yes			Yes
7/2/2018	67U51-1	NESBITT AVE S	W 98TH ST	One-Way Directional	2013-102						4.7	1.5	0.7	1.9	1.5	1.7	Cast iron	Yes, less	Yes			Yes
7/2/2018	67V51-2	NESBITT AVE S	W 98TH ST	Tiered Perpendicular	2016-102						4.7	0.1	1.3	0.1	1.2	2.2	Cast iron	Yes, less	Yes			Yes
7/2/2018	67V51-1	NESBITT AVE S	W 98TH ST	One-Way Directional	2016-102						0.1	1.7	1.4	1.2	1.8	0.9	Cast iron	Yes, less	Yes			Yes
6/29/2018	29F52-01	PORTLAND AVE S	E 95TH ST	One-Way Directional	2004-101	5	4	2.4	0.3		4.4	4.9		2.2	2.6	1.1	Colored concrete					No
6/29/2018	29G52-01	PORTLAND AVE S	E 95TH ST	One-Way Directional	2004-101	5	4	2.4	0.3		4.4	4.9		2.2	2.6	1.1	Colored concrete					No
6/29/2018	29A52-01	PORTLAND AVE S	E 94TH ST	One-Way Directional	2004-101	5	5	0.4	0.7		5.0	2.3		1.2	1.0	0.4	Colored concrete					No
6/29/2018	29M48-01	5TH AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
6/29/2018	29M49-01	5TH AVE S	E 96TH ST	One-Way Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
6/29/2018	29K32-01	MAPLEWOOD PARK	MAPLEWOOD DR	Perpendicular	2011-102						4.9	0.4	0.1	1.8	0.2	3.4	Cast iron	Yes, less	Yes			Yes
6/29/2018	29Z39-01	3RD AVE S	E OLD SHAKOPEE RD	Combined Directional	2004-101												Colored concrete	No, more than 3"	Gap			No
6/29/2018	29Z38-01	3RD AVE S	W 98th St	Combined Directional													None					No
6/29/2018	29A39-01	3RD AVE S	E 94TH ST	One-Way Directional		4.8	4	1.4	4.1		8.6	1.9		7.5	0.6	3.7	Exposed aggregate					No
6/29/2018	29H39-02	3RD AVE S	W 95th St	One-Way Directional	2004-101	4	4	4.6	6.5		11.7	2.1		0.3	2.3	0.3	Colored concrete					No
6/29/2018	29H39-01	3RD AVE S	W 95th St	One-Way Directional	2004-101	5.9	4	1.6	5.3		9.3	1.1		8.3	3.4	3.6	Colored concrete					No
6/29/2018	29M22-01	BLAISDELL AVE S	W 96TH ST	Combined Directional	2009-102						7.2	0.1	4.8	2.6	1.1	3.1	Cast iron	Yes, less than 3"	Gap			<Null>
6/29/2018	29M23-01	BLAISDELL AVE S	W 96TH ST	One-Way Directional	2009-102	4	4.2	1.8	0.6		5.5	1.7	1.7	1.9	0.6	0.8	Cast iron	Yes, less	Yes			Yes
6/29/2018	29M26-01	NICOLLET AVE S	W 96TH ST	One-Way Directional	2009-102												Cast iron	No, more	Yes			<Null>
6/29/2018	29N26-01	NICOLLET AVE S	W 96TH ST	One-Way Directional	2009-102	3	4	2.0	1.6		10.1	3.0	2.5	2.0	2.2	2.9	Cast iron	Yes, less	Yes			No
6/29/2018	29N26-02	NICOLLET AVE S	W 96TH ST	One-Way Directional	2009-102						4.2	0.4	0.2	1.1	0.2	1.1	Cast iron	Yes, less	Yes			Yes
6/28/2018	65T36	NORMAN DALE BLVD	NORMAN RIDGE DR	One-Way Directional	2016-201						1.9	0.5	0.2	0.4	0.0	3.4	Cast iron	Yes, less	Yes			Yes
6/28/2018	65T36	NORMAN DALE BLVD	NORMAN RIDGE DR	One-Way Directional	2016-201						1.9	1.7	0.2	0.9	0.8	1.3	Cast iron	Yes, less	Yes			Yes
6/28/2018	14G00-2	NORMAN DALE BLVD	NORMAN RIDGE DR	One-Way Directional	2016-201						1.3	1.1	1.7	1.5	1.3	1.4	Cast iron	Yes, less	Yes			Yes
6/28/2018	14G00	NORMAN DALE BLVD	NORMAN RIDGE DR	One-Way Directional	2016-201						1.0	0.9	0.9	0.4	1.3	0.7	Cast iron	Yes, less	Yes			Yes
6/28/2018	13X00	NORMAN DALE BLVD	SOUTHWOOD DR	One-Way Directional	2016-201						2.0	1.2	1.2	0.5	0.5	0.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/28/2018	13W00	NORMANDALE BLVD	SOUTHWOOD DR	One-Way Directional	2016-201						1.6	1.1	1.0	1.3	0.6	2.3	Cast iron	Yes, less	Yes			Yes
6/28/2018	13R00	NORMANDALE BLVD	NORTHWOOD RIDGE	One-Way Directional	2016-201						2.9	1.5	0.6	0.1	0.7	1.5	Cast iron	Yes, less	Yes			Yes
6/28/2018	13Q00	NORMANDALE BLVD	NORTHWOOD RIDGE	One-Way Directional	2016-201						2.1	0.1	0.6	0.4	0.3	2.1	Cast iron	Yes, less	Yes			Yes
6/28/2018	65T05-2	NORMANDALE BLVD	MT NORMANDALE DR	One-Way Directional	2016-201						1.6	0.0	0.8	0.8	0.7	2.1	Cast iron	Yes, less	than 3" Gap			Yes
6/28/2018	65T05-1	NORMANDALE BLVD	MT NORMANDALE DR	One-Way Directional	2016-201						2.3	0.7	0.8	0.2	0.4	0.9	Cast iron	Yes, less	Yes			Yes
6/28/2018	65T51	NORMANDALE BLVD	W 94TH ST	Parallel	2016-201						4.4	1.5	0.3	1.9	0.4	6.9	Cast iron	Yes, less	Yes			Yes
6/28/2018	14Z00	NORMANDALE BLVD	POPLAR BRIDGE RD	Fan	2016-201						3.9	1.3	0.9	0.4	0.0	4.3	Cast iron	Yes, less	Yes			Yes
6/28/2018	14Y01-2	NORMANDALE BLVD	POPLAR BRIDGE RD	Perpendicular	2016-201						2.9	0.4	0.2	0.5	0.6	0.0	Cast iron	Yes, less	Yes			Yes
6/28/2018	14Y01	NORMANDALE BLVD	POPLAR BRIDGE RD	Perpendicular	2016-201						2.4	0.1	0.5	0.4	0.2	0.2	Cast iron	Yes, less	Yes			Yes
6/27/2018	14G01-01	NORMANDALE BLVD	TOLEDO RD	One-Way Directional	2016-201						1.9	0.6	0.8	0.9	0.2	2.3	Cast iron	Yes, less	Yes			Yes
6/27/2018	14H01-01	NORMANDALE BLVD	TOLEDO RD	One-Way Directional	2016-201						1.7	0.1	0.7	0.7	1.0	0.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	14J14-01	POPLAR BRIDGE RD	KINGSDALE DR	Perpendicular	2012-102						1.2	1.8	0.9	4.4	2.0	4.9	Cast iron	Yes, less	Yes			Yes
6/27/2018	14K14-01	POPLAR BRIDGE RD	KINGSDALE DR	Perpendicular	2012-102						7.7	1.4	3.5	1.4	3.3	1.1	Cast iron	Yes, less	Yes			No
6/27/2018	35T39-01	COLLEGE HEIGHTS CIR		One-Way Directional	2015-102						3.9	1.2	1.4	0.8	1.0	2.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	35Z17-01	RICH RD	OXBOROUGH RD	One-Way Directional	2007-102						0.6	1.4	1.4	4.8	0.6	4.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	35Z17-02	RICH RD	OXBOROUGH RD	One-Way Directional	2007-102						7.9	3.2	4.0	1.6	2.6	4.3	Cast iron	Yes, less	Yes			No
6/27/2018	35Y16-01	RICH RD	RICH CUR	One-Way Directional	2007-102	6	4	1.9	5.5		12.2	1.3	1.3	1.2	0.6	0.0	Cast iron	Yes, less	Yes			No
6/27/2018	35X16-01	RICH RD	RICH CUR	One-Way Directional	2007-102						4.4	1.9	0.1	5.8	0.1	5.8	Cast iron	Yes, less	Yes			Yes
6/27/2018	35W16-01	RICH RD	PALMER RD	One-Way Directional	2007-102	4	4	2.7	0.7		7.0	0.9	0.1	2.5	0.5	2.4	Cast iron	Yes, less	Yes			No
6/27/2018	35W16-02	RICH RD	PALMER RD	One-Way Directional	2007-102						3.9	0.3	0.8	3.1	0.2	1.0	Cast iron	Yes, less	Yes			Yes
6/27/2018	35R15-02	RICH RD	RICH CUR	One-Way Directional	2007-102	5	4	1.1	1.9		5.6	1.7	1.3	2.3	1.5	1.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	35R15-01	RICH RD	RICH CUR	One-Way Directional	2007-102	5	4	0.1	1.6		8.0	0.6	0.1	6.7	0.2	4.2	Cast iron	Yes, less	Yes			Yes
6/27/2018	35P17	RICH RD	W 96TH ST	One-Way Directional	2007-102						3.0	0.3	0.9	2.7	1.1	0.7	Cast iron	Yes, less	Yes			Yes
6/27/2018	35P18-01	RICH RD	W 96TH ST	One-Way Directional	2007-102						3.4	1.7	1.0	8.4	0.2	2.0	Cast iron	Yes, less	Yes			Yes
6/27/2018	35L18-01	RICH RD	W 95 1/2 ST	One-Way Directional	2015-102						1.6	2.1	0.3	1.6	0.6	1.1	Cast iron	Yes, less	Yes			No
6/27/2018	35K18-01	RICH RD	W 95 1/2 ST	One-Way Directional	2015-102						2.2	1.9	0.7	1.6	0.3	0.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	35G18-01	RICH RD	W 95TH ST	Tiered Perpendicular	2015-102						3.7	1.0	0.1	0.6	0.1	1.0	Cast iron	Yes, less	Yes			Yes
6/27/2018	35G17-01	RICH RD	W 95TH ST	Diagonal	2015-102						1.9	1.2	1.1	0.2	0.1	0.9	Cast iron	Yes, less	Yes			Yes
6/27/2018	35g09-02	NORMANDALE ELEMENTAR	W 95TH ST	Perpendicular	2015-102						3.0	1.1	0.6	2.6	0.8	1.7	Cast iron	Yes, less	Yes			Yes
6/27/2018	35g09-01	NORMANDALE ELEMENTAR	W 95TH ST	Perpendicular	2015-102						3.3	0.1	0.8	2.9	0.1	2.1	Cast iron	Yes, less	Yes			Yes
6/27/2018	35F07	TOLEDO AVE S	W 95TH ST	Diagonal	2015-102						1.7	2.0	2.6	1.4	2.0	3.0	Cast iron	Yes, less	Yes			Yes
6/27/2018	35G07	TOLEDO AVE S	W 95TH ST	Diagonal	2015-102						4.5	0.6	1.9	1.6	1.8	0.6	Cast iron	Yes, less	Yes			Yes
6/27/2018	35K01-01	NORMANDALE BLVD	W 95th St	One-Way Directional													None					No
6/27/2018	35K01-02	NORMANDALE BLVD	W 95th St	One-Way Directional													None					No
6/26/2018	35V34-02	COLLEGE HEIGHTS CIR	COLLEGE HEIGHTS CIR	One-Way Directional	2015-102						0.3	1.7	1.3	2.6	0.9	2.2	Cast iron	Yes, less	Yes			Yes
6/26/2018	35V34-01	COLLEGE HEIGHTS CIR	COLLEGE HEIGHTS CIR	One-Way Directional	2015-102	4.5	5	0.9	6.0		6.0	0.1	3.8	3.9	2.2	1.1	Cast iron	Yes, less	Yes			No
6/26/2018	35V31-01	LITTLE RD	COLLEGE HEIGHTS CIR	Perpendicular	2015-102						3.5	0.4	0.1	0.5	1.3	2.3	Cast iron	Yes, less	Yes			Yes
6/26/2018	35V31-01	LITTLE RD	COLLEGE HEIGHTS CIR	One-Way Directional	2015-102						1.6	2.6	1.4	0.7	1.3	1.9	Cast iron	Yes, less	Yes			No
6/26/2018	35V31-02	LITTLE RD	COLLEGE HEIGHTS CIR	One-Way Directional	2015-102						0.7	0.0	1.8	1.4	0.7	0.1	Cast iron	Yes, less	Yes			Yes
6/26/2018	35O32-02	MORRIS CIR	LITTLE RD	One-Way Directional	2015-102						2.9	1.9	2.0	1.9	1.0	0.9	Cast iron	Yes, less	Yes			Yes
6/26/2018	35O33-02	MORRIS CIR	LITTLE RD	One-Way Directional	2015-102						0.9	1.7	0.8	0.5	0.7	1.6	Cast iron	Yes, less	Yes			Yes
6/26/2018	35O33-01	MORRIS CIR	LITTLE RD	One-Way Directional	2015-102						0.4	1.0	0.1	1.7	1.0	1.3	Cast iron	Yes, less	Yes			Yes
6/26/2018	35O32-01	MORRIS CIR	LITTLE RD	Diagonal	2015-102						1.4	0.3	0.2	2.0	0.7	0.2	Cast iron	Yes, less	Yes			Yes
6/26/2018	35O38-01	LITTLE CIR	LITTLE RD	One-Way Directional	2015-102						1.3	4.1	5.7	3.7	4.7	3.8	Cast iron	Yes, less	Yes			No
6/26/2018	35N39-02	COLLEGEVIEW RD	LITTLE RD	Diagonal	2015-102	5	5	0.9	1.5		6.7	0.8	1.1	2.0	1.2	0.3	Cast iron	Yes, less	Yes			Yes
6/26/2018	35N39-01	COLLEGEVIEW RD	LITTLE RD	One-Way Directional	2015-102						2.9	1.1	1.1	3.4	0.8	1.1	Cast iron	Yes, less	Yes			Yes
6/26/2018	17S48-01	ALDRICH AVE S	W 89th St	One-Way Directional	2007-102						4.4	0.2	1.2	6.8	0.5	2.0	Cast iron	Yes, less	Yes			Yes
6/26/2018	17S49-01	ALDRICH AVE S	W 89th St	One-Way Directional	2007-102						4.4	0.2	1.2	6.8	0.5	2.0	Cast iron	No, more	Yes			No
6/26/2018	17S01-02	PENN AVE S	W 89th	Perpendicular		4.5	6	0.3	3.3		14.1	0.8		6.1	2.6	4.5	None					No
6/26/2018	17S01-01	PENN AVE S	W 89th	Perpendicular		5	6.5	1.3	3.8		7.9	3.1		6.1	4.3	13.1	None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/26/2018	17P01-02	PENN AVE S	Penn Lake Cir	Perpendicular		4	4	2.6	5.0		8.8	5.1		5.6	6.2	6.7	None					No
6/26/2018	17P52-01	PENN AVE S	Penn Lake Cir	Perpendicular		4	5	1.1	0.3		12.5	1.6		4.9	4.2	12.3	None					No
6/26/2018	8Y09-01	HAEG DR	W 86TH ST	Combined Directional	2010-101	4	5	0.7	0.9		6.2	5.8	0.7	1.8	1.0	0.8	Cast iron	Yes, less	Yes			No
6/26/2018	8X08-01	HAEG DR	W 86TH ST	Combined Directional	2010-101	4	5	2.9	1.5		1.2	5.5	2.8	8.2	0.2	1.8	Cast iron	Yes, less	No, reconstruct to correct			No
6/26/2018	36F43-02	PEBBLEBROOK DR	PEBBLEBROOK CIR	One-Way Directional	2004-101						0.6	0.1		1.1	0.4	0.5	Colored concrete	No, more than 3" Gap				No
6/26/2018	36F43-01	PEBBLEBROOK DR	PEBBLEBROOK CIR	One-Way Directional	2004-101						1.5	1.2		1.7	3.2	1.2	Colored concrete	No, more than 3" Gap				No
6/26/2018	36B14-01	RICH RD	UTICA RD	Combined Directional	2007-102												Cast iron	No, more than 3" Gap				<Null>
6/26/2018	36B14-02	RICH RD	UTICA RD	One-Way Directional	2007-102	4	4.7	1.9	0.2		5.6	1.9	1.6	4.4	0.7	0.4	Cast iron	Yes, less	Yes			Yes
6/26/2018	36D34-01	W 98th St Cir	W 98th St	One-Way Directional							5.0	0.3	3.2	4.9	0.7	1.6	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36D35-01	W 98th St Cir	W 98th St	One-Way Directional							0.5	4.2	3.7	0.4	2.2	3.9	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36D32-01	LITTLE RD	W 98TH ST	Combined Directional	2015-102						2.5	4.3	3.4	1.7	3.7	2.3	Cast iron	Yes, less	Yes			No
6/26/2018	36D31-02	LITTLE RD	W 98th St	Tiered Perpendicular	2015-102	4	5	1.3	1.6		5.4	0.5	1.1	0.7	1.8	0.3	Cast iron	Yes, less	Yes			Yes
6/26/2018	36G46	HARRISON RD	PEBBLEBROOK DR	One-Way Directional		4.5	5.5	0.8	2.0		7.4	2.4		4.1	1.7	1.3	None					No
6/26/2018	36B48	HARRISON RD		Tiered Perpendicular							4.9	0.6	1.1		0.8	2.4	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36B47	HARRISON RD		Perpendicular													Tyned	No, more than 3" Gap				No
6/26/2018	36A47	HARRISON RD	W 98TH ST SERVICE RD	Tiered Perpendicular		4	5	1.8	0.3		5.8	0.7	1.5	2.5	0.2	2.5	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36H11-01	RICH RD	W 99th St	One-Way Directional							4.0	3.0	0.4	4.2	0.7	1.8	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36I11-01	RICH RD	W 99th St	One-Way Directional		5	4	3.9	1.6		6.1	5.1	1.1	2.1	2.8	1.1	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36M06-01	RICH RD	NORMANDALE HIGHLANDS	Combined Directional							4.9	0.7	1.8	1.9	1.6	2.5	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36L06-01	RICH RD	NORMANDALE HIGHLANDS	Diagonal		2	2	3.0	1.2		8.0	0.5		2.3	4.0	2.4	None					No
6/26/2018	36P08-01	OXBOROUGH RD	NORMANDALE HIGHLANDS	One-Way Directional							4.2	0.1	0.1	3.7	1.1	0.4	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36P08-02	OXBOROUGH RD	NORMANDALE HIGHLANDS	One-Way Directional		4	4	0.3	2.0		6.1	0.4	2.1	0.7	1.6	1.3	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36R12-02	NORD RD	NORMANDALE HIGHLANDS	One-Way Directional							4.2	1.9	0.4	2.4	0.6	0.4	Tyned	Yes, less	than 3" Gap			No
6/26/2018	36R12-01	NORD RD	NORMANDALE HIGHLANDS	One-Way Directional							1.8	3.0	2.9	1.8	1.9	0.2	Tyned	Yes, less	than 3" Gap			No
6/25/2018	37A01-01	NORMANDALE BLVD	W 102ND ST	One-Way Directional	2011-102						1.2	1.6	0.1	3.7	0.5	1.4	Cast iron	Yes, less	Yes			Yes
6/25/2018	66T51-01	NORMANDALE BLVD	W 102nd St	One-Way Directional													Tyned	No, more than 3" Gap				No
6/25/2018	66T51-02	NORMANDALE BLVD	W 102nd St	One-Way Directional							2.9	0.7	0.1	2.4	1.7	4.2	Tyned	Yes, less	than 3" Gap			No
6/25/2018	75T01-01	NORMANDALE BLVD	W 102nd St	One-Way Directional													None					No
6/25/2018	37A11-01	SCARBOROUGH RD	W 102ND ST	One-Way Directional	2011-102						3.2	0.1	0.4	2.1	1.0	0.8	Cast iron	Yes, less	Yes			Yes
6/25/2018	37A12-01	SCARBOROUGH RD	W 102ND ST	One-Way Directional	2011-102						0.7	0.4	1.2	2.7	0.9	1.6	Cast iron	Yes, less	Yes			Yes
6/25/2018	36V23-01	NORD AVE S	NORMANDALE HIGHLANDS	Perpendicular	None	4	4	4.3	4.1		7.0	1.3	0.2	0.3	0.8	0.0	Cast iron	Yes, less	Yes			No
6/25/2018	36W23-02	NORD AVE S	NORMANDALE HIGHLANDS	One-Way Directional		4	4	3.2	0.6		3.5	3.4	0.3	3.4	1.3	2.4	Tyned					No
6/25/2018	36W23-01	NORD AVE S	NORMANDALE HIGHLANDS	Diagonal		4.8	3.5	0.4	2.7		6.2	0.3	1.2	4.6	1.2	1.8	Tyned					No
6/25/2018	36Z48-01	GOODRICH RD	W 102ND ST	One-Way Directional	2011-102						3.1	2.0	0.6	2.3	0.1	1.9	Cast iron	Yes, less	Yes			Yes
6/25/2018	36Z49-01	GOODRICH RD	W 102ND ST	One-Way Directional	2011-102						1.9	0.2	0.3	2.1	0.1	1.6	Cast iron	Yes, less	Yes			Yes
6/25/2018	36Z45-01	HARRISON RD	W 102ND ST	One-Way Directional	2011-102						1.6	0.2	0.2	4.7	0.4	0.1	Cast iron	Yes, less	Yes			Yes
6/25/2018	36Z45-02	HARRISON RD	W 102ND ST	One-Way Directional	2011-102						1.0	0.8	0.8	3.1	0.7	2.2	Cast iron	Yes, less	Yes			Yes
6/25/2018	37A45-01	HARRISON RD	W 102ND ST	One-Way Directional	2011-102						2.4	0.4	0.1	3.2	0.1	3.0	Cast iron	Yes, less	Yes			Yes
6/25/2018	34Z01-01	FRANCE AVE S	W 102ND ST	Perpendicular	2011-102						0.6	0.2	0.2	2.5	0.0	1.9	Cast iron	Yes, less	Yes			Yes
6/25/2018	34Z01-02	FRANCE AVE S	W 102ND ST	Perpendicular	2011-102						0.9	1.5	1.4	3.0	2.5	1.3	Cast iron	Yes, less	Yes			Yes
6/25/2018	34Z01-03	FRANCE AVE S	W 102ND ST	Perpendicular	2011-102						1.9	1.6	1.1	2.5	1.6	0.6	Cast iron	Yes, less	Yes			Yes
6/25/2018	34Z01-04	FRANCE AVE S	W 102ND ST	Diagonal	2008-901						3.8	1.5	1.3	2.8	1.7	1.5	Cast iron	No, more than 3" Gap				Yes
6/25/2018	39A01-01	FRANCE AVE S	W 102ND ST	Perpendicular	2011-102						3.8	1.5	1.1	2.8	1.5	3.6	Cast iron	No, more than 3" Gap				Yes
6/25/2018	39A01-02	FRANCE AVE S	W 102ND ST	Perpendicular	2011-102						1.7	1.2	1.3	1.3	0.9	2.3	Cast iron	No, more than 3" Gap				Yes
6/25/2018	37A40-01	JOHNSON AVE S	W 102ND ST	Perpendicular	2011-102						1.0	1.0	0.5	2.0	1.0	2.4	Cast iron	Yes, less	Yes			Yes
6/25/2018	37A40-02	JOHNSON AVE S	W 102ND ST	One-Way Directional	2011-102						1.5	1.2	1.5	0.8	1.3	1.5	Cast iron	Yes, less	Yes			Yes
6/25/2018	36W34-01	LITTLE RD	NORMANDALE HIGHLANDS	One-Way Directional							2.2	0.5	0.3	5.1	0.4	0.7	Tyned	Yes, less	Yes			No
6/25/2018	36V34-01	LITTLE RD	NORMANDALE HIGHLANDS	One-Way Directional							4.1	1.3	0.0	3.9	0.3	0.8	Tyned	Yes, less	Yes			No
6/25/2018	36Q34-01	KELL AVE S	LITTLE RD	One-Way Directional		4	5	1.5	4.1		8.0	3.8	1.2	5.7	1.8	0.5	Tyned	Yes, less	Yes			No
6/25/2018	36Q34-01	KELL AVE S	LITTLE RD	One-Way Directional							2.8	3.7	1.9	5.4	2.4	3.2	Tyned	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/25/2018	36L31-01	LITTLE RD	LITTLE CIR	One-Way Directional							3.1	1.7	0.8	0.6	0.2	0.7	Tyned	Yes, less	Yes			No
6/25/2018	36M31-01	LITTLE RD	LITTLE CIR	One-Way Directional		6	4	1.6	2.0		2.6	2.0	1.6	1.0	0.5	2.2	Tyned	Yes, less	Yes			No
6/25/2018	36I32-01	LITTLE RD	W 99th St	One-Way Directional							3.8	0.9	3.4	1.6	2.4	3.6	Tyned	Yes, less	Yes			No
6/25/2018	36H32-01	LITTLE RD	W 99th St	One-Way Directional		5	4	0.9	1.7		6.1	1.3	3.4	3.9	4.0	1.4	Tyned	Yes, less	Yes			No
6/25/2018	36I31-01	LITTLE RD	W 99th St	One-Way Directional							1.2	3.0	2.8	2.3	2.2	1.8	Tyned	Yes, less	Yes			No
6/25/2018	36H31-01	LITTLE RD	W 99th St	One-Way Directional							2.4	2.5	0.4	2.5	0.5	0.9	Tyned	Yes, less	Yes			No
6/21/2018	18M31-01	E Bloomington Fwy	W 92nd St														None					No
6/21/2018	18M31-02	E Bloomington Fwy	W 92nd St														None					No
6/21/2018	18M48-01	ALDRICH AVE S	W 92nd St														None					No
6/21/2018	18M49-01	ALDRICH AVE S	W 92nd St														None					No
6/21/2018	18M51-01	LYNDALE AVE S	W 92nd Ave	Combined Directional	2016-102						2.3	0.5					Cast iron	No, more	Yes			No
6/21/2018	18M51-02	LYNDALE AVE S	W 92nd Ave	Combined Directional	2016-102						3.0	0.4	1.1	3.9	1.0	0.6	Cast iron	Yes, less	Yes			Yes
6/21/2018	18M51-03	LYNDALE AVE S	W 92nd Ave	One-Way Directional	2016-102						3.5	1.2	1.4	3.1	1.4	1.8	Cast iron	Yes, less	Yes			Yes
6/21/2018	18Z51-01	LYNDALE AVE S	W 94TH ST	One-Way Directional	2016-102						3.1	1.0	0.3	5.3	0.1	1.4	Cast iron	Yes, less	Yes			Yes
6/21/2018	18Z51-02	LYNDALE AVE S	W 94TH ST	One-Way Directional	2016-102						1.1	0.2	0.2	0.1	1.1	0.1	Cast iron	Yes, less	Yes			Yes
6/21/2018	18Z51-03	LYNDALE AVE S	W 94TH ST	One-Way Directional	2016-102						1.1	0.4	0.1	1.0	0.1	1.3	Cast iron	Yes, less	Yes			Yes
6/21/2018	18Z51-04	LYNDALE AVE S	W 94TH ST	One-Way Directional	2016-102						2.6	0.2	0.5	0.5	0.7	0.5	Cast iron	Yes, less	Yes			Yes
6/21/2018	29A01-01	LYNDALE AVE S	W 94TH ST	One-Way Directional	2010-101						1.0	0.8	0.0	1.8	0.7	3.8	Cast iron	Yes, less	Yes			Yes
6/21/2018	29A01-02	LYNDALE AVE S	W 94th St	One-Way Directional							2.7	2.3	1.7	3.3	1.6	0.6	Colored concrete	Yes, less	Yes			No
6/20/2018	18Z37-01	Frontage Rd	W 94th St	One-Way Directional	STATE						2.6	0.6	0.9	4.0	1.0	1.4	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Z37-02	Frontage Rd	W 94th St	One-Way Directional	STATE						0.9	0.7	1.0	3.4	0.8	1.3	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Z37-03	Frontage Rd	W 94th St	One-Way Directional	STATE						3.5	1.2	0.5	0.1	1.2	0.7	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Z30-01	W BLOOMINGTON FWY	W 94th St														Tyned	No, more than 3" Gap				No
6/20/2018	18Y33	W BLOOMINGTON FWY	W 94th St	Combined Directional	STATE						0.9	0.1	1.2	3.7	1.2	2.4	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Y34-01	W BLOOMINGTON FWY	W 94th St	One-Way Directional	STATE						1.2	0.2	0.0	0.3	0.4	1.0	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Z45-01	BRYANT AVE S	W 94TH ST	Tiered Perpendicular	2017-102						3.6	0.5	0.5	1.2	0.4	0.2	Cast iron	Yes, less	Yes			Yes
6/20/2018	18Z45-02	BRYANT AVE S	W 94TH ST	One-Way Directional	2017-102						0.7	0.5	0.5	0.8	0.7	1.1	Cast iron	No, more	Yes			No
6/20/2018	18M45-01	BRYANT AVE S	W 92ND ST	One-Way Directional													None					No
6/20/2018	18M45-02	BRYANT AVE S	W 92ND ST	One-Way Directional													None					No
6/20/2018	17Z05-2	NEWTON AVE S	W 90TH ST	One-Way Directional	2013-101						2.3	0.2	1.1	2.3	1.5	0.9	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z05-1	NEWTON AVE S	W 90TH ST	One-Way Directional	2013-101						2.5	1.6	0.8	1.5	0.9	2.9	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z09-1	MORGAN AVE S	W 90TH ST	One-Way Directional	2013-101						3.4	1.8	1.3	1.2	1.1	1.5	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z09-2	MORGAN AVE S	W 90TH ST	One-Way Directional	2013-101						1.3	2.1	2.0	4.8	2.0	0.4	Cast iron	Yes, less	Yes			No
6/20/2018	17Z13-2	LOGAN AVE S	W 90TH ST	One-Way Directional	2013-101						1.5	1.7	0.8	1.8	0.7	1.6	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z13-1	LOGAN AVE S	W 90TH ST	One-Way Directional	2013-101						1.5	0.8	0.0	2.9	0.9	3.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z16	KNOX AVE S	W 90TH ST	One-Way Directional	2013-101						0.1	1.2	0.2	0.8	0.9	1.9	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z17	KNOX AVE S	W 90TH ST	One-Way Directional	2013-101						1.5	1.0	1.0	2.2	1.0	0.4	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z33	FREMONT AVE S	W 90TH ST	One-Way Directional	2013-101						0.4	0.4	0.1	0.6	0.2	3.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z32	FREMONT AVE S	W 90TH ST	One-Way Directional	2013-101						2.6	1.4	1.4	1.4	0.9	0.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z36-1	EMERSON AVE S	W 90TH ST	One-Way Directional	2013-101						1.3	1.7	1.1	1.1	0.5	2.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z36-2	EMERSON AVE S	W 90TH ST	One-Way Directional	2013-101						1.3	0.1	1.5	2.6	1.2	0.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z39	DUPONT AVE S	W 90TH ST	One-Way Directional	2013-101						1.6	2.0	0.3	0.8	0.5	1.6	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z40	DUPONT AVE S	W 90TH ST	One-Way Directional	2013-101						0.4	1.8	1.1	1.0	0.3	0.7	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z42	COLFAX AVE S	W 90TH ST	One-Way Directional	2013-101						3.1	0.2	1.0	0.1	0.3	0.4	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z43	COLFAX AVE S	W 90TH ST	One-Way Directional	2013-101						0.7	1.8	1.0	3.4	1.7	2.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z46	BRYANT AVE S	W 90TH ST	One-Way Directional	2013-101						1.4	1.3	0.5	3.7	0.4	2.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z45	BRYANT AVE S	W 90TH ST	One-Way Directional	2013-101						2.8	2.5	1.3	2.6	1.0	3.0	Cast iron	Yes, less	Yes			No
6/20/2018	17Z48	ALDRICH AVE S	W 90TH ST	One-Way Directional	2013-101						1.5	1.7	1.3	1.6	1.6	1.6	Cast iron	Yes, less	Yes			Yes
6/20/2018	17Z49	ALDRICH AVE S	W 90TH ST	One-Way Directional	2013-101						2.1	1.1	0.4	1.6	0.5	1.0	Cast iron	No, more than 3" Gap				Yes
6/20/2018	18A49	ALDRICH AVE S	W 90TH ST	One-Way Directional	2013-101						3.6	1.3	3.2	4.2	4.7	4.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than ½"	Jointing on sidewalk less than ½"	Fully Compliant
6/20/2018	18A48	ALDRICH AVE S	W 90TH ST	One-Way Directional	2013-101						0.9	0.8	0.4	1.6	0.0	3.9	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A46	BRYANT AVE S	W 90TH ST	One-Way Directional	2013-101						1.8	2.0	1.5	1.9	0.6	3.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A45	BRYANT AVE S	W 90TH ST	One-Way Directional	2013-101						2.1	1.7	0.2	3.2	0.0	0.2	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A43	COLFAX AVE S	W 90TH ST	One-Way Directional	2013-101						0.1	1.1	0.1	2.2	1.5	3.0	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A42	COLFAX AVE S	W 90TH ST	One-Way Directional	2013-101						2.7	1.7	2.4	2.9	1.3	0.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A40	DUPONT AVE S	W 90TH ST	One-Way Directional	2013-101						1.3	1.7	0.3	1.6	0.2	0.5	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A39	DUPONT AVE S	W 90TH ST	One-Way Directional	2013-101						0.9	1.4	0.5	2.5	0.2	0.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A36-2	EMERSON AVE S	W 90TH ST	One-Way Directional	2013-101						2.3	0.1	1.1	1.6	1.2	0.8	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A36-1	EMERSON AVE S	W 90TH ST	One-Way Directional	2013-101						0.5	2.1	1.0	1.6	0.9	1.8	Cast iron	Yes, less	Yes			No
6/20/2018	18A33	FREMONT AVE S	W 90TH ST	One-Way Directional	2013-101						0.5	2.3	1.0	1.8	1.2	4.7	Cast iron	Yes, less	Yes			No
6/20/2018	18A32	FREMONT AVE S	W 90TH ST	One-Way Directional	2013-101						3.2	0.9	0.6	1.4	1.3	1.7	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A21	JAMES AVE S	W 90TH ST		2013-101						2.4	1.2	1.2	3.7	1.0	1.5	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A20	JAMES AVE S	W 90TH ST		2013-101						1.6	1.6	0.2	2.9	1.4	1.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A11	MORGAN AVE S	W 90TH ST		2013-101						3.5	1.9	0.1	3.0	0.5	2.5	Cast iron	Yes, less	Yes			Yes
6/20/2018	18A10	MORGAN AVE S	W 90TH ST		2013-101						1.0	1.4	0.3	1.7	0.6	1.3	Cast iron	Yes, less	Yes			Yes
6/20/2018	18I01-01	PENN AVE S	W 91 1/2 St	One-Way Directional													None					No
6/20/2018	18I01-02	PENN AVE S	W 91 1/2 St	One-Way Directional													None					No
6/20/2018	18P01-01	PENN AVE S		Perpendicular													None					No
6/20/2018	10N01-04	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302						2.8	1.1	1.2	3.0	1.4	1.2	Cast iron	Yes, less	Yes			Yes
6/20/2018	12L53-01	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302	6	14	0.6	5.5		13.8	0.7	1.6	7.3	0.2	3.9	Cast iron	Yes, less	Yes	Yes	Yes	No
6/20/2018	12M53-01	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302						1.4	1.8	0.6	2.8	0.1	3.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	12M53-02	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302						3.2	1.0	1.1	3.3	1.7	0.6	Cast iron	Yes, less	Yes			Yes
6/20/2018	12M53-02	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302			4.1	1.2		3.7	1.7	0.6	0.7	2.3	0.3	Cast iron	No, more	Yes	No, reco	Yes	No
6/20/2018	12M53-04	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302			0.3	1.9		0.1	0.4	1.7	0.0	0.9	0.2	Cast iron	Yes, less	Yes	No, write	Yes	Yes
6/20/2018	12M53-04	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302	7	4	2.7	2.0		6.8	2.7	2.2	6.5	3.3	2.7	Cast iron	Yes, less	Yes	Yes	Yes	No
6/20/2018	12N53-02	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302						3.6	2.3	1.5	1.1	1.6	1.2	Cast iron	No, more	Yes			No
6/20/2018	13A49-01	POPLAR BRIDGE RD	Harrison Rd	One-Way Directional		3.8	4.7	2.2	0.8		9.5	4.6		3.0	1.2	1.2	None					No
6/20/2018	13A48-01	POPLAR BRIDGE RD	Harrison Rd	One-Way Directional		4.5	4.9	2.2	1.9		7.8	2.9		7.2	2.2	1.7	None					No
6/20/2018	12X39-02	KELL AVE S	POPLAR BRIDGE RD	One-Way Directional							3.1	0.6	1.4	2.4	1.4	2.1	Cast iron	Yes, less	Yes			Yes
6/20/2018	12X39-01	KELL AVE S	POPLAR BRIDGE RD	One-Way Directional		5.6	4.7	1.9	4.7		11.4	1.0		1.9	0.4	0.9	None					No
6/20/2018	12X36-02	POPLAR BRIDGE RD	LITTLE RD	One-Way Directional		4	4.7	3.5	1.7		7.3	6.2		4.0	0.2	1.6	None					No
6/20/2018	12X36-01	POPLAR BRIDGE RD	LITTLE RD	One-Way Directional		4.5	4.7	1.5	2.5		2.3	5.1		0.9	0.7	2.3	None					No
6/20/2018	12X20-02	PALMER RD	W 85th St	Depressed Corner		5	4.9	1.4	2.8		5.5	1.8	0.9	2.7	3.8	5.2	Exposed aggregate	Yes, less	Yes			No
6/20/2018	12X20-01	PALMER AVE S	W 85th St	Depressed Corner		5.4	5	2.1	9.4		10.7	4.7		6.9	9.4	2.2	None					No
6/20/2018	12X30-02	MORRIS AVE S	W 85TH ST	Diagonal	2010-601						1.1	0.4	0.3	5.6	0.5	1.6	Cast iron	Yes, less	Yes			Yes
6/20/2018	12X30-01	MORRIS AVE S	W 85TH ST	One-Way Directional	2010-601						2.7	1.3	2.3	7.4	1.9	2.2	Cast iron	Yes, less	Yes			Yes
6/20/2018	12Y33	POPLAR BRIDGE RD	W 85th St	Depressed Corner		3.8	5	4.0	2.0		10.7	2.3		3.9	2.2	2.3	None					No
6/19/2018	12Z10	STANLEY AVE S	NINE MILE CREEK PKWY	Diagonal		6.5	5	3.6	0.4		9.9	10.5		3.3	6.5	4.5	None					No
6/19/2018	13A17-01	PALMER AVE S	W 86TH ST	One-Way Directional	2009-102						3.7	2.0	1.4	3.6	2.3	3.7	Cast iron	Yes, less	Yes			Yes
6/19/2018	13A17-02	PALMER AVE S	W 86TH ST	One-Way Directional	2009-102						4.7	0.9	0.4	3.6	1.3	6.5	Cast iron	Yes, less	Yes			Yes
6/19/2018	12Z17-01	QUINN AVE S	PALMER AVE S	One-Way Directional	2009-102						4.8	0.5	2.0	3.9	2.6	3.1	Cast iron	Yes, less	Yes			Yes
6/19/2018	12Z17-02	QUINN AVE S	PALMER AVE S	One-Way Directional	2009-102	4	5	1.8	1.0		5.0	2.4	1.5	3.7	1.9	0.4	Cast iron	Yes, less	Yes			No
6/19/2018	11O23	OXBOROUGH AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4.6	4.5	1.0	1.5		5.2	1.9	0.8	0.4	0.9	0.1	Cast iron	Yes, less	Yes			Yes
6/19/2018	12B06-03	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						0.7	0.2	1.1	1.7	1.1	2.1	Cast iron	Yes, less	Yes			Yes
6/19/2018	11D54-01	FRANCE AVE S	W 78TH ST	Perpendicular							3.6	2.1	2.0	2.8	1.7	2.1	Tyned	No, more	Yes			No
6/19/2018	11E54-03	FRANCE AVE S	W 78TH ST	Perpendicular							3.2	1.2	1.2	2.2	1.2	2.2	Tyned	No, more	Yes			No
6/19/2018	11E54-04	FRANCE AVE S	W 78TH ST	Perpendicular							4.6	1.8	1.9	0.1	1.7	1.2	Tyned	No, more	Yes			No
6/19/2018	11E54-02	FRANCE AVE S	W 78TH ST	Perpendicular							0.0	1.1	1.4	5.1	1.3	1.5	Tyned	No, more	Yes			No
6/19/2018	11E54-01	FRANCE AVE S	W 78TH ST	Perpendicular							3.6	0.3	0.9	5.1	1.0	0.6	Tyned	Yes, less	Yes			No
6/19/2018	11F54-01	FRANCE AVE S	W 78TH ST	Perpendicular							1.5	0.1	0.4	1.9	1.0	0.6	Tyned	No, more	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/15/2018	12B06-04	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101	4.7	4.2	1.1	0.2		5.5	0.1	0.9	1.7	0.9	1.0	Cast iron	Yes, less	Yes			Yes
6/15/2018	12B06-02	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						2.2	0.1	0.1	1.0	0.3	0.6	Cast iron	Yes, less	Yes			Yes
6/15/2018	12B06-01	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						2.5	0.9	0.5	0.7	0.9	2.0	Cast iron	Yes, less	Yes			Yes
6/15/2018	12C06-03	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						3.3	0.0	1.4	0.4	1.1	0.6	Cast iron	Yes, less	Yes			Yes
6/15/2018	12C06-02	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						3.0	1.6	1.0	0.3	1.7	1.2	Cast iron	Yes, less	Yes			Yes
6/15/2018	12C06-01	AMERICAN BLVD W	W 82ND ST	Perpendicular	2012-101						1.3	1.0	1.1	3.4	1.5	1.9	Cast iron	Yes, less	Yes			Yes
6/14/2018	11N06-03	AMERICAN BLVD W	NORMANDEALE SERVICE RD	Diagonal	2012-101						1.6	0.6	1.3	6.0	0.1	0.2	Cast iron	Yes, less	Yes			Yes
6/14/2018	11N06-02	AMERICAN BLVD W	NORMANDEALE SERVICE RD	Diagonal	2012-101						3.7	0.5	0.9	0.6	0.1	0.1	Cast iron	Yes, less	Yes			Yes
6/14/2018	11N06-01	AMERICAN BLVD W	NORMANDEALE SERVICE RD	One-Way Directional	2012-101						4.9	0.1	0.1	2.0	0.3	0.9	Cast iron	Yes, less	Yes			Yes
6/14/2018	11O05-03	AMERICAN BLVD W	NORMANDEALE SERVICE RD	Perpendicular	2012-101						3.3	0.1	0.6	3.4	0.0	0.5	Cast iron	Yes, less	Yes			Yes
6/14/2018	11O05-02	AMERICAN BLVD W	NORMANDEALE SERVICE RD	Perpendicular	2012-101						4.3	0.2	0.3	1.2	0.2	1.1	Cast iron	Yes, less	Yes			Yes
6/14/2018	11O05-01	AMERICAN BLVD W	NORMANDEALE SERVICE RD	Perpendicular	2012-101						3.3	0.6	0.7	2.2	0.7	1.7	Cast iron	Yes, less	Yes			Yes
6/14/2018	11D11	COMPUTER AVE S		Tiered Perpendicular		6	9.5	0.4	1.4		5.8	0.2	1.0	3.6	0.7	1.9	Tyred	Yes, less	Yes			No
6/14/2018	11A11	COMPUTER AVE S	Viking Dr	One-Way Directional		6.3	5.5	0.1	1.9		5.2	0.2	0.2	3.5	0.1	1.2	Tyred		Yes			No
6/12/2018	12L03	NORMANDEALE SERVICE RD	W 84TH ST	Tiered Perpendicular	2012-101	6.6	5.9	2.0	1.7		3.8	0.2	1.1	0.7	1.3	1.0	Cast iron	Yes, less	Yes			Yes
6/12/2018	12L01	NORMANDEALE SERVICE RD	W 84TH ST	One-Way Directional	2012-101						1.3	1.5	0.5	3.6	0.9	1.7	Cast iron	Yes, less	Yes			Yes
6/12/2018	12L02-2	NORMANDEALE SERVICE RD	W 84TH ST	Perpendicular	2012-101						0.1	1.1	1.8	0.9	2.3	1.8	Cast iron	Yes, less	Yes			Yes
6/12/2018	12L01	NORMANDEALE SERVICE RD	W 84TH ST	Perpendicular	2012-101						0.8	0.2	0.6	1.8	0.8	1.3	Cast iron	Yes, less	Yes			Yes
6/8/2018	11O24	OXBOROUGH AVE S	AMERICAN BLVD W	Diagonal	2012-101						4.6	0.1	1.9	2.3	1.5	2.0	Cast iron	No, more	Yes			Yes
6/8/2018	11O25	OXBOROUGH AVE S	AMERICAN BLVD W	Diagonal	2012-101						1.6	0.5	0.2	3.8	0.3	2.7	Cast iron	No, more	Yes			Yes
6/8/2018	11P33	W 80th St Cir	AMERICAN BLVD W	One-Way Directional	2012-101						4.5	1.8	1.4	1.6	2.0	1.7	Cast iron	No, more	Yes			Yes
6/8/2018	11P32	W 80th St Cir	AMERICAN BLVD W	Perpendicular	2012-101						1.6	0.5	0.9	4.6	0.9	1.0	Cast iron	No, more	Yes			Yes
6/8/2018	11Z53	FRANCE AVE S	W 82nd St	One-Way Directional													None					No
6/8/2018	12A53	FRANCE AVE S	W 82nd St	One-Way Directional													None					No
6/6/2018	11J48	W 78TH ST	W 78TH ST	Tiered Perpendicular	2014-102						3.4	0.5	0.4	2.2	0.2	2.5	Cast iron	Yes, less	Yes			Yes
6/6/2018	11J49	W 78TH ST	W 78TH ST	Tiered Perpendicular	2014-102						0.4	1.0	0.9	3.2	0.9	1.6	Cast iron	Yes, less	Yes			Yes
6/6/2018	11K43-01	JOHNSON AVE S	W 78TH ST	Perpendicular	2015-102						3.5	0.7	0.6	2.4	0.6	1.4	Cast iron	Yes, less	Yes			Yes
6/6/2018	11K43-02	JOHNSON AVE S	W 78TH ST	Tiered Perpendicular	2014-102						2.7	0.1	0.1	3.2	0.9	4.7	Cast iron	Yes, less	Yes			Yes
6/6/2018	11K32-01	W 78th St Cir	W 78th St	One-Way Directional	2015-102						4.4	1.9	1.1	5.8	2.5	0.5	Cast iron	Yes, less	Yes			Yes
6/6/2018	11K32-02	W 78th St Cir	W 78th St	One-Way Directional	2015-102						2.4	1.1	0.5	4.3	0.5	0.8	Cast iron	Yes, less	Yes			Yes
6/6/2018	57Z01	PENNSYLVANIA RD	HIGHWOOD DR	One-Way Directional	2012-102						3.9	1.2	0.9	3.2	1.5	4.4	Cast iron	Yes, less	Yes			Yes
6/6/2018	11D12	COMPUTER AVE S		Perpendicular													None					No
6/5/2018	2J17	22ND AVE S	KILLEBREW DR	One-Way Directional	2014-102						2.8	0.0	0.0	4.6	0.5	0.3	Cast iron	No, more	No, reconstruct to correct			No
6/5/2018	2J18-3	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						2.1	1.3	0.2	0.5	0.1	0.6	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J18-2	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						0.4	0.5	0.5	0.6	0.8	0.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J18-1	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						0.3	0.7	0.2	1.2	0.4	1.8	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J19-2	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						1.0	0.4	0.1	0.9	0.4	0.0	Cast iron	Yes, less	Yes			Yes
6/5/2018	2I19	22ND AVE S	KILLEBREW DR	Diagonal	2014-102						2.4	0.8	0.1	2.9	0.1	0.1	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J25-3	24TH AVE S	E OLD SHAKOPEE RD	Tiered Perpendicular	2014-102						3.2	0.3	0.0	0.7	0.8	0.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J25-2	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						2.6	0.5	0.1	2.7	0.4	1.8	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J25-1	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						2.9	0.4	1.9	1.4	0.3	0.5	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J26-3	24TH AVE S	E OLD SHAKOPEE RD	Diagonal	2014-102						1.4	0.3	0.0	1.9	0.3	0.6	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J26-2	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						2.3	1.2	1.6	0.2	1.6	0.2	Cast iron	Yes, less	Yes			Yes
6/5/2018	2J26-1	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						4.5	0.4	0.6	0.9	0.3	0.8	Cast iron	Yes, less	Yes			Yes
6/5/2018	2L26-2	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						4.8	0.1	1.4	2.0	0.9	0.5	Cast iron	Yes, less	Yes			Yes
6/5/2018	2L26-1	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						3.9	0.8	1.8	2.6	0.8	1.0	Cast iron	Yes, less	Yes			Yes
6/5/2018	2L25-2	24TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2014-102						3.7	0.1	1.1	0.5	0.1	1.1	Cast iron	Yes, less	Yes			Yes
6/5/2018	2L25-1	24TH AVE S	E OLD SHAKOPEE RD	Tiered Perpendicular	2014-102						3.1	1.0	0.3	2.6	0.5	1.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K19	22ND AVE S	KILLEBREW DR	Tiered Perpendicular	2014-102						2.9	1.4	0.4	2.9	0.1	0.9	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K18-4	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						4.3	0.0	1.0	2.1	0.4	1.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/5/2018	2K18-3	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						1.6	0.4	0.3	0.7	0.2	0.4	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K18-2	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						0.3	0.2	1.0	0.1	0.2	0.8	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K18-1	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						1.4	0.1	0.7	0.4	0.1	0.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K17-2	22ND AVE S	KILLEBREW DR	Perpendicular	2014-102						1.4	1.0	0.8	2.9	0.3	0.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	2K17-1	22ND AVE S	KILLEBREW DR	Diagonal	2009-202						4.9	0.0	0.3	0.8	0.2	0.4	Cast iron	Yes, less	Yes			Yes
6/5/2018	35 W ramp	I-35W SB RAMP	W 90TH ST	One-Way Directional	2013-101						1.0	1.3	0.4	2.1	0.7	2.4	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	17Z25	I-35W SB RAMP	W 90TH ST	Fan	2013-101						0.8	0.1	0.8	1.7	0.1	3.8	Cast iron	Yes, less	No, write exception			Yes
6/5/2018	18A26	I-35W SB RAMP	W 90TH ST	Parallel	2013-101						0.6	0.1	0.3	0.2	0.4	1.2	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	17Z26	I-35W SB RAMP	W 90TH ST	Parallel	2013-101						0.8	0.7	0.4	1.2	0.6	2.8	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	18A28	I-35W NB RAMP	W 90TH ST	Parallel	2013-101						1.9	1.1	1.1	1.4	2.3	0.4	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	18A29	I-35W NB RAMP	W 90TH ST	Combined Directional	2013-101						1.4	1.3	1.0	0.5	0.6	2.0	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	17Z28	I-35W NB RAMP	W 90TH ST	One-Way Directional	2013-101						0.4	0.1	1.4	0.6	1.0	0.7	Cast iron	Yes, less	Yes			Yes
6/5/2018	17Z29-2	I-35W NB RAMP	W 90TH ST	One-Way Directional	2013-101						0.6	0.4	0.7	1.0	0.2	1.5	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	17Z29	I-35W NB RAMP	W 90TH ST	Tiered Perpendicular	2013-101						4.0	0.7	0.6	1.7	0.5	1.5	Cast iron	Yes, less	Yes			Yes
6/5/2018	17Y29	I-35W NB RAMP	W 90TH ST	Diagonal							2.6	0.5	0.0	1.3	0.7	2.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	15A52-2	LYNDALE AVE S	W 90TH ST	Perpendicular	2013-101	6	5.5	1.8	0.0		4.1	0.2	0.3	2.9	0.1	2.3	Cast iron	Yes, less	Yes			Yes
6/5/2018	15A52-1	LYNDALE AVE S	W 90TH ST		2013-101						2.7	1.2	0.9	0.4	1.3	2.7	Cast iron	Yes, less	than 3" Gap			Yes
6/5/2018	15Z52-3	LYNDALE AVE S	W 90TH ST	Perpendicular	2013-101						1.0	0.3	0.6	0.7	1.1	1.1	Cast iron	Yes, less	Yes			Yes
6/5/2018	17Z52-2	LYNDALE AVE S	W 90TH ST	Perpendicular	2013-101						4.3	0.4	0.1	1.0	0.7	1.7	Cast iron	Yes, less	Yes			Yes
6/5/2018	15Z52-4	LYNDALE AVE S	W 90TH ST	Perpendicular	2013-101						1.7	0.4	0.4	1.6	0.4	0.6	Cast iron	Yes, less	Yes			Yes
6/5/2018	19Z1-3	LYNDALE AVE S	W 90TH ST	Perpendicular	2015-101						3.6	0.7	1.1	0.4	0.2	0.8	Cast iron	Yes, less	Yes			Yes
6/5/2018	19Z1-4	LYNDALE AVE S	W 90TH ST	Perpendicular	2015-101						3.3	0.4	2.7	0.0	0.5	1.7	Cast iron	Yes, less	Yes			Yes
6/5/2018	19Z1-2	LYNDALE AVE S	W 90TH ST	Perpendicular	2015-101						3.1	0.0	0.6	1.6	0.2	0.2	Cast iron	Yes, less	Yes			Yes
6/5/2018	19Z1-1	LYNDALE AVE S	W 90TH ST	Tiered Perpendicular	2015-101						4.1	0.4	0.5	0.6	0.5	0.4	Cast iron	Yes, less	Yes			Yes
6/5/2018	19T1-2	LYNDALE AVE S	HALSEY LN	One-Way Directional	2011-101						0.4	0.7	1.6	0.6	1.4	2.6	Cast iron	Yes, less	Yes			Yes
6/5/2018	19T1-1	LYNDALE AVE S	HALSEY LN	One-Way Directional	2011-101						2.7	0.6	1.9	4.4	0.7	0.3	Cast iron	Yes, less	Yes			Yes
6/4/2018	17N42	COLFAX AVE S		One-Way Directional	2015-101						3.0	1.4	0.8	2.9	1.5	2.6	Cast iron	Yes, less	Yes			Yes
6/4/2018	17V25	HUMBOLDT AVE S	W 89th St	One-Way Directional													None					No
6/4/2018	17W25	HUMBOLDT AVE S	W 89th St	One-Way Directional													None					No
6/4/2018	17M26	HUMBOLDT AVE S	W 88th St	One-Way Directional	2782-352												None					No
6/4/2018	17A13-01	LOGAN AVE S	W 86TH ST	One-Way Directional	2010-101	3.75	5.25	2.0	1.2		4.5	0.5	2.6	5.1	2.7	1.2	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A13-02	LOGAN AVE S	W 86TH ST	One-Way Directional	2010-101	4.5	5	1.7	1.8		5.2	1.4	1.6	5.0	0.9	3.7	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A32	FREMONT AVE S	W 86TH ST	One-Way Directional	2015-101						1.5	1.5	1.0	3.3	0.1	2.4	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A33	FREMONT AVE S	W 86TH ST	One-Way Directional	2015-101						1.1	0.4	0.5	3.4	0.7	2.4	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A35-01	EMERSON AVE S	W 86TH ST	One-Way Directional							3.6	0.8	0.1	6.3	0.5	4.0	Tyned	Yes, less	Yes			<Null>
6/4/2018	17A36-01	EMERSON AVE S	W 86TH ST	One-Way Directional		4.7	4.3	1.7	0.2		7.3	0.5	0.6	1.1	0.1	3.2	Tyned	Yes, less	Yes			<Null>
6/4/2018	17A39-01	DUPONT AVE S	W 86th St	One-Way Directional	2007-102	4.7	4.5	3.3	0.3		6.1	1.4	1.1	4.8	0.3	1.0	Cast iron	Yes, less	Yes			<Null>
6/4/2018	17A42-01	COLFAX AVE S	W 86TH ST	One-Way Directional	2015-101						3.5	0.8	2.9	3.0	2.5	0.8	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A42-02	COLFAX AVE S	W 86TH ST	One-Way Directional	2015-101						1.0	0.1	1.6	0.7	0.2	1.2	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A45-01	BRYANT AVE S	W 86TH ST	One-Way Directional	2007-102	4.5	5	3.5	0.9		5.8	2.7	2.5	0.8	0.6	3.0	Cast iron	Yes, less	Yes			<Null>
6/4/2018	17A45-02	BRYANT AVE S	W 86TH ST	One-Way Directional	2007-102	4	4.5	0.1	0.3		3.6	0.2	0.6	2.4	0.2	0.8	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A48-01	ALDRICH AVE S	W 86TH ST	One-Way Directional	2007-102	4.5	5	1.8	2.0		6.1	0.5	0.1	7.1	1.5	2.7	Cast iron	Yes, less	Yes			Yes
6/4/2018	17A48-02	ALDRICH AVE S	W 86TH ST	One-Way Directional	2004-102						3.2	0.2	0.6	1.4	0.5	1.9	Colored concrete	Yes, less	Yes			Yes
6/4/2018	17A49	ALDRICH AVE S	W 86TH ST	One-Way Directional	2007-102	6	6	2.0	0.9		6.0	0.0	0.3	4.6	0.4	1.2	Cast iron	Yes, less	Yes			Yes
6/4/2018	06M03-01	GARFIELD AVE S	W 84th St	One-Way Directional							4.4	0.9	0.8	1.6	0.8	1.6	Concrete	Yes, less	Yes			Yes
6/4/2018	06M03-02	GARFIELD AVE S	W 84th St	One-Way Directional							1.9	0.8	1.1	3.2	0.4	1.6	Concrete	Yes, less	Yes			Yes
6/4/2018	06M04-01	GARFIELD AVE S	W 84th St	One-Way Directional							3.8	1.1	1.6	5.3	1.5	0.4	Cast iron	Yes, less	Yes			Yes
6/4/2018	06M04-02	GARFIELD AVE S	W 84th St	One-Way Directional							6.2	1.2	0.9	2.3	0.6	0.4	Colored concrete	Yes, less	Yes			No
6/4/2018	06R05	GARFIELD AVE S	Bus Stop Circle	One-Way Directional							3.3	0.8	0.2	2.3	0.4	0.1	Colored concrete	Yes, less	Yes			Yes
6/4/2018	06S05	GARFIELD AVE S	Bus Stop Circle	One-Way Directional							1.8	0.6	1.0	3.2	0.4	0.7	Colored concrete	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/1/2018	39V00-01	FRANCE AVE S	BAILIFF PLACE	One-Way Directional	2014-101						2.1	0.8	0.3	1.0	0.9	0.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	39V00-02	FRANCE AVE S	BAILIFF PLACE	One-Way Directional	2014-101						1.4	0.7	0.2	0.4	0.6	0.7	Cast iron	Yes, less	Yes			Yes
6/1/2018	40C03-01	Mall Entrance	W Old Shakopee Rd	Perpendicular	2014-101						4.2	1.4	1.3	0.8	1.3	1.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	40C03-02	Mall Entrance	W Old Shakopee Rd	Tiered Perpendicular	2014-101						0.5	1.2	0.9	5.7	0.3	0.3	Cast iron	Yes, less	Yes			Yes
6/1/2018	40D03-01	Mall Entrance	W Old Shakopee Rd	One-Way Directional	2014-101	5	6	1.9	0.5		5.1	0.7	0.7	2.0	0.7	1.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	40D03-02	Mall Entrance	W Old Shakopee Rd	One-Way Directional	2014-101	4.2	6	0.5	1.2		5.8	0.5	0.7	1.1	0.6	1.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	40D04-01	Mall Entrance	W Old Shakopee Rd	One-Way Directional	2014-101	5	6	0.5	1.3		6.1	0.4	1.1	3.3	0.7	0.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	40D04-01	Mall Entrance	W Old Shakopee Rd	One-Way Directional	2014-101	6	5.5	0.1	1.5		6.0	0.7	1.3	4.0	1.1	2.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	41Z44-01	I-35W SB RAMP	W 106TH ST	One-Way Directional	2011-101						2.9	1.2	0.6	2.8	1.0	0.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	42A44-02	I-35W SB RAMP	W 106TH ST	One-Way Directional	2011-101						2.7	1.1	2.2	3.7	2.0	1.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	41Z35	OAK GROVE MIDDLE SCHOC	W 106TH ST	Perpendicular	2011-101						2.7	0.8	0.3	3.8	0.1	0.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	42A35	OAK GROVE MIDDLE SCHOC	W 106TH ST	Perpendicular	2011-101						3.8	0.8	0.3	2.4	1.4	0.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	42A42-01	RIVER TERRACE	W 106TH ST	One-Way Directional	2011-101						0.4	1.5	1.8	6.2	3.0	0.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	42A43-01	RIVER TERRACE	W 106TH ST	One-Way Directional	2011-101						0.9	0.5	2.3	1.8	1.0	2.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	42A43-02	RIVER TERRACE	W 106TH ST	One-Way Directional	2011-101						4.0	0.7	2.2	1.3	1.5	1.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	41Z42	W BLOOMINGTON FWY	W 106TH ST	Combined Directional	2011-101						0.8	2.7	1.1	3.9	2.4	0.5	Cast iron	Yes, less	Yes			No
6/1/2018	41Z43-01	W BLOOMINGTON FWY	W 106TH ST	Combined Directional	2011-101						2.9	0.8	1.4	5.1	1.7	2.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	41Z43-02	W BLOOMINGTON FWY	W 106TH ST	One-Way Directional	2011-101						2.2	0.6	3.7	1.9	2.2	2.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	39Y17-01	ABBOTT AVE S	W Old Shakopee Rd	One-Way Directional	2014-101	4.5	3.5	1.4	0.9		6.7	0.5	0.5	1.6	0.5	1.6	Cast iron	Yes, less	Yes			No
6/1/2018	39Y17-01	ABBOTT AVE S	W Old Shakopee Rd	One-Way Directional	2014-101	4.5	4	2.0	0.5		6.9	1.2	0.6	2.8	0.6	2.8	Cast iron	Yes, less	Yes			No
6/1/2018	39Z13-01	BEARD AVE S	W Old Shakopee Rd	One-Way Directional		5	3.5	1.8	1.5		6.5	3.6	0.6	1.1	0.6	1.1	None					No
6/1/2018	39Z13-02	BEARD AVE S	W Old Shakopee Rd	One-Way Directional	2014-101	5.5	4	1.0	0.8		7.3	1.8	0.2	1.5	0.2	1.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	40B10-01	CHOWEN AVE S	W Old Shakopee Rd	One-Way Directional	2014-101						2.6	0.3	0.6	0.2	0.6	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	40B10-02	CHOWEN AVE S	W Old Shakopee Rd	One-Way Directional	2014-101	5.5	4	0.9	0.4		5.1	0.4	0.3	0.8	0.3	0.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	40C07-01	DREW AVE S	W Old Shakopee Rd	One-Way Directional							3.0	0.5	1.0	0.7	0.6	2.0	Colored concrete	Yes, less	Yes			Yes
6/1/2018	40C07-02	DREW AVE S	W Old Shakopee Rd	One-Way Directional							9.1	4.9	1.7	1.3	1.7	1.3	None					No
6/1/2018	74R01-01	PENNSYLVANIA AVE S	W 109TH ST	One-Way Directional	2015-102						0.3	0.5	0.9	1.3	0.7	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R50	PENNSYLVANIA AVE S	W 109TH ST	One-Way Directional	2015-102						0.2	0.1	0.4	2.6	0.7	0.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	74R01-02	PENNSYLVANIA AVE S	W 109TH ST	One-Way Directional	2010-101						1.9	2.0	0.3	5.3	0.6	0.9	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R46-01	QUEBEC AVE S	W 109TH ST	One-Way Directional	2015-102						3.1	0.2	0.2	2.4	0.2	0.9	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R46-02	QUEBEC AVE S	W 109TH ST	One-Way Directional	2015-102						3.7	0.5	0.9	3.0	0.5	0.3	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R46-03	QUEBEC AVE S	W 109TH ST	One-Way Directional	2015-102						4.6	0.4	1.3	4.8	1.0	1.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R46-04	QUEBEC AVE S	W 109TH ST	One-Way Directional	2015-102						0.1	1.7	1.0	1.6	1.3	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R46-05	QUEBEC AVE S	W 109TH ST	One-Way Directional	2015-102						2.8	0.3	0.8	2.5	1.3	2.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	72N42-01	RHODE ISLAND AVE S	W OLD SHAKOPEE RD	Tiered Perpendicular	2015-102						3.2	0.1	0.1	2.7	0.8	2.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	72N42-02	RHODE ISLAND AVE S	W OLD SHAKOPEE RD	One-Way Directional	2015-102						2.4	0.1	1.2	4.8	0.8	1.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	72Q42-01	RHODE ISLAND AVE S	W 109TH ST	One-Way Directional	2015-102						4.8	1.0	0.9	1.7	0.7	0.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	72Q42-02	RHODE ISLAND AVE S	W 109TH ST	One-Way Directional	2015-102						3.5	1.1	0.9	3.8	0.7	0.7	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R42-01	RHODE ISLAND AVE S	W 109TH ST	One-Way Directional	2015-102						2.0	1.2	0.8	1.8	0.4	1.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R42-02	RHODE ISLAND AVE S	W 109TH ST	One-Way Directional	2015-102						1.4	1.9	1.1	2.4	1.4	2.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R38	SUMTER AVE S	W 109TH ST	One-Way Directional	2015-102						4.1	1.1	0.9	1.1	0.8	0.6	Cast iron	Yes, less	Yes			Yes
6/1/2018	72R39	SUMTER AVE S	W 109TH ST	One-Way Directional	2015-102						2.0	1.7	0.4	1.3	1.3	1.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	79R40	AUTO CLUB CIR	AUTO CLUB RD	One-Way Directional	2014-102						3.6	1.7	0.2	0.1	0.3	1.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	79R41	AUTO CLUB CIR	AUTO CLUB RD	One-Way Directional	2014-102						4.5	0.2	1.0	0.1	0.1	0.3	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Y01-01	LYNDALE AVE S	W 86TH ST	Tiered Perpendicular	2012-101						3.9	0.8	0.7	3.9	0.4	1.1	Cast iron	No, more	Yes			Yes
6/1/2018	06Y01-02	LYNDALE AVE S	W 86TH ST	Perpendicular	2012-101						1.0	0.4	0.5	3.8	0.2	0.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z01-01	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102						1.8	1.4	1.6	0.6	2.0	1.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z01-02	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102						0.5	0.6	0.6	0.1	0.4	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	08Z51-01	LYNDALE AVE S	W 86TH ST	Diagonal	2016-102						0.8	1.5	1.1	0.3	1.4	2.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	17A51-01	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102						4.4	2.8	2.8	3.3	2.1	4.1	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than ½"	Jointing on sidewalk less than ½"	Fully Compliant
6/1/2018	17A51-02	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102	4	4	0.8	1.4		5.4	0.9	0.1	2.6	1.6	2.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	17A51-03	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102						4.1	1.5	2.2	0.3	2.8	0.5	Cast iron	Yes, less	Yes			Yes
6/1/2018	17A51-04	LYNDALE AVE S	W 86TH ST	Perpendicular	2016-102						0.7	0.5	0.5	0.1	0.2	2.6	Cast iron	Yes, less	Yes			Yes
6/1/2018	19A01-01	LYNDALE AVE S	W 86TH ST	Parallel	2016-102						1.5	0.9	1.3	2.4	0.9	1.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	19A01-02	LYNDALE AVE S	W 86TH ST	Parallel	2016-102						4.2	0.1	0.1	2.6	0.8	2.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z03-02	GARFIELD CIR	W 86TH ST	Diagonal	2012-101						3.8	1.6	1.4	3.3	0.2	0.2	Cast iron	No, more	Yes			Yes
6/1/2018	06Z03-01	GARFIELD CIR	W 86TH ST	Diagonal	2012-101						4.5	1.9	0.1	2.8	0.3	1.4	Cast iron	No, more	Yes			No
6/1/2018	19A07	HARRIET AVE S	W 86TH ST	One-Way Directional	2012-101						3.5	0.7	0.1	1.9	0.2	1.0	Cast iron	Yes, less	Yes			Yes
6/1/2018	19A06	HARRIET AVE S	W 86TH ST	One-Way Directional	2012-101						3.6	1.1	0.5	1.7	0.8	0.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z16-02	PILLSBURY AVE S	W 86TH ST	One-Way Directional	2012-101	6.8	4.8	0.8	0.6		1.1	0.5	0.1	0.4	1.1	0.9	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z16-01	PILLSBURY AVE S	W 86TH ST	One-Way Directional	2012-101	4.2	5.1	0.4	1.5		2.7	0.8	0.3	2.4	0.1	0.1	Cast iron	Yes, less	Yes			Yes
6/1/2018	19A18-02	WENTWORTH AVE S	W 86TH ST	One-Way Directional	2012-101						2.2	0.9	0.9	2.5	0.6	0.8	Cast iron	Yes, less	Yes			Yes
6/1/2018	19A18-01	WENTWORTH AVE S	W 86TH ST	One-Way Directional	2012-101						3.7	2.0	0.6	3.0	0.4	1.6	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z20	WENTWORTH AVE S	W 86TH ST	One-Way Directional	2012-101	4	5.1	1.6	0.7		3.1	0.5	1.0	1.7	0.4	0.4	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z21	WENTWORTH AVE S	W 86TH ST	One-Way Directional	2012-101	4.3	5.2	0.7	0.1		0.7	1.0	0.6	0.7	0.9	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	06S26-01	NICOLLET AVE S	E 85TH ST	One-Way Directional							4.6	3.4	0.8	1.5	0.8	1.5	None					No
6/1/2018	06S26-02	NICOLLET AVE S	E 85TH ST	One-Way Directional	2016-101						0.5	0.0	0.6	0.6	0.3	0.2	Cast iron	Yes, less	Yes			Yes
6/1/2018	06T26-01	NICOLLET AVE S	E 85TH ST	One-Way Directional							3.3	2.1	0.3	2.0	0.3	2.0	None					No
6/1/2018	06T26-02	NICOLLET AVE S	E 85TH ST	One-Way Directional	2016-101						1.4	0.1	0.6	0.9	1.0	0.9	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z23	BLAISDELL AVE S	W 86TH ST	One-Way Directional	2012-101						2.6	1.0	0.1	1.6	0.3	1.9	Cast iron	Yes, less	Yes			Yes
6/1/2018	06Z26-03	NICOLLET AVE S	E 86TH ST	Parallel	2012-101						0.9	0.3	0.4	1.1	0.1	1.7	Cast iron	No, more	Yes			No
6/1/2018	06Z26-04	NICOLLET AVE S	E 86TH ST	Parallel	2012-101						1.8	0.1	0.2	3.6	0.5	0.7	Cast iron	No, more	Yes			No
6/1/2018	06Z24	BLAISDELL AVE S	W 86TH ST	One-Way Directional	2012-101						4.7	0.5	0.4	0.8	0.9	1.9	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z26-01	NICOLLET AVE S	E 86TH ST	One-Way Directional	2012-101						1.7	0.4	0.3	1.8	0.4	0.8	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z26-02	NICOLLET AVE S	E 86TH ST	One-Way Directional	2012-101						0.8	0.6	1.7	1.7	1.7	1.7	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A25-01	NICOLLET AVE S	E 86TH ST	Perpendicular	2012-101						3.5	0.9	0.2	3.1	0.4	1.8	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A25-02	NICOLLET AVE S	E 86TH ST	Tiered Perpendicular	2012-101						2.0	0.9	0.5	2.0	0.7	0.8	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A26-01	NICOLLET AVE S	E 86TH ST	One-Way Directional	2012-101						0.6	0.9	0.9	1.2	0.3	0.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A26-02	NICOLLET AVE S	E 86TH ST	One-Way Directional	2012-101						0.8	0.2	0.1	0.1	0.6	2.4	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A26-04	NICOLLET AVE S	E 86TH ST	Perpendicular	2012-101						2.9	0.3	1.6	2.8	0.6	1.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A26-03	NICOLLET AVE S	W 86TH ST	Perpendicular	2012-101						3.3	0.9	0.5	1.5	0.2	0.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z29-01	1ST AVE S	E 86TH ST	One-Way Directional	2016-101						1.0	0.4	1.2	1.9	0.5	2.0	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z29-02	1ST AVE S	E 86TH ST	One-Way Directional	2016-101						0.1	0.7	0.3	1.9	1.2	3.7	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A29-01	1ST AVE S	E 86TH ST	One-Way Directional	2017-102						0.9	0.3	0.3	2.9	0.4	2.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A29-02	1ST AVE S	E 86TH ST	One-Way Directional	2017-102						2.3	1.0	1.9	1.8	0.2	1.9	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z32	STEVENS AVE S	E 86TH ST	One-Way Directional	2017-102						0.8	0.4	1.8	2.0	1.6	2.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z33	STEVENS AVE S	E 86TH ST	One-Way Directional	2017-102						0.8	1.2	0.8	4.3	0.2	5.4	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A32	STEVENS AVE S	E 86TH ST	One-Way Directional	2017-102						1.7	0.4	1.4	3.3	1.3	2.0	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A33	STEVENS AVE S	E 86TH ST	One-Way Directional	2017-102						1.5	0.7	0.6	1.2	0.6	2.5	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z35	2ND AVE S	E 86TH ST	One-Way Directional	2017-102						1.3	0.2	0.3	6.4	1.7	2.0	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z36	2ND AVE S	E 86TH ST	One-Way Directional	2017-102						4.0	1.0	1.1	4.7	1.4	3.4	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A35	2ND AVE S	E 86TH ST	One-Way Directional	2017-102						3.5	0.6	0.8	5.9	0.9	4.0	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A36	2ND AVE S	E 86TH ST	One-Way Directional	2017-102						1.3	0.9	0.4	0.9	0.1	2.3	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z39-01	3RD AVE S	E 86TH ST	One-Way Directional	2017-102						4.2	0.6	0.1	1.5	2.6	2.5	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z39-02	3RD AVE S	E 86TH ST	One-Way Directional	2017-102						3.6	1.3	0.4	2.6	0.9	3.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A39-01	3RD AVE S	E 86TH ST	One-Way Directional	2017-102						2.5	1.5	0.2	1.4	0.5	6.8	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A39-02	3RD AVE S	E 86TH ST	One-Way Directional	2017-102						3.1	1.9	0.7	2.9	0.4	2.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A41	CLINTON AVE S	E 86TH ST	Parallel	2017-102						1.4	0.4	0.8	2.5	0.7	4.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z42-01	CLINTON AVE S	E 86TH ST	One-Way Directional	2017-102						0.3	0.3	0.2	0.2	0.5	2.9	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z42-02	CLINTON AVE S	E 86TH ST	One-Way Directional	2017-102						0.3	0.4	0.1	3.7	1.1	4.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than ½"	Jointing on sidewalk less than ½"	Fully Compliant
5/31/2018	19Z42-01	CLINTON AVE S	E 86TH ST	One-Way Directional	2017-102						1.4	1.6	1.7	0.7	1.0	1.9	Cast iron	Yes, less	Yes			Yes
5/31/2018	19Z42-02	CLINTON AVE S	E 86TH ST	One-Way Directional	2017-102						2.5	0.3	0.2	2.8	0.3	2.8	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z45	4TH AVE S	E 86TH ST	One-Way Directional	2018-101						1.6	0.3	1.4	4.1	1.4	1.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z46	4TH AVE S	E 86TH ST	One-Way Directional	2018-101						0.6	0.2	2.7	3.8	1.5	2.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A45	4TH AVE S	E 86TH ST	One-Way Directional	2017-102						1.3	0.9	0.1	2.9	0.2	1.7	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A46	4TH AVE S	E 86TH ST	One-Way Directional	2017-102						2.7	0.1	0.2	1.4	1.1	2.5	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A48	5TH AVE S	E 86TH ST	One-Way Directional	2017-102						0.9	1.4	0.6	1.6	0.1	1.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	19A49	5TH AVE S	E 86TH ST	One-Way Directional	2017-102						2.3	0.4	0.8	2.1	0.8	3.5	Cast iron	Yes, less	Yes			Yes
5/31/2018	06Z48	5TH AVE S	E 86TH ST	One-Way Directional	2017-102						1.3	0.9	0.9	4.3	0.4	2.2	Cast iron	Yes, less	No, reconstruct to correct			Yes
5/31/2018	06Z49	5TH AVE S	E 86TH ST	One-Way Directional	2017-102						1.1	1.4	0.9	4.1	3.1	1.5	Cast iron	Yes, less	No, reconstruct to correct			Yes
5/31/2018	06M25-01	NICOLLET AVE S	W 84th St	Fan							9.0	2.0	0.6	1.7	0.6	1.7	None					No
5/31/2018	06M25-02	NICOLLET AVE S	W 84th St	Fan							9.2	0.4	0.1	1.4	0.1	1.4	None					No
5/31/2018	06M22-01	BLAISDELL AVE S	W 84th St	One-Way Directional							1.8	5.2	0.8	5.3	0.7	5.5	None					No
5/31/2018	06M22-02	BLAISDELL AVE S	W 84th St	One-Way Directional							1.2	4.0	1.0	2.4	1.1	0.2	None					No
5/31/2018	06M23-01	BLAISDELL AVE S	W 84th St	One-Way Directional							11.1	2.7	0.8	3.6	0.1	5.0	None					No
5/31/2018	06M23-02	BLAISDELL AVE S	W 84th St	One-Way Directional							4.8	0.6	1.1	3.4	1.3	2.3	None					No
5/31/2018	06M19-01	WENTWORTH AVE S	W 84th St	One-Way Directional							0.4	1.2	1.2	4.5	1.4	3.8	None					No
5/31/2018	06M19-02	WENTWORTH AVE S	W 84th St	One-Way Directional							2.6	0.2	0.6	2.1	0.2	2.4	None					No
5/31/2018	06M20-01	WENTWORTH AVE S	W 84th St	One-Way Directional							5.6	1.3	0.4	4.2	3.3	1.8	None					No
5/31/2018	06M20-02	WENTWORTH AVE S	W 84th St	One-Way Directional							8.4	0.8	0.4	5.1	0.4	2.9	None					No
5/31/2018	6M16-01	PILLSBURY AVE S	W 84th St	One-Way Directional							4.1	2.8	0.7	3.5	0.4	2.2	None					No
5/31/2018	6M16-02	PILLSBURY AVE S	W 84th St	One-Way Directional		6	4	2.5	1.0		9.2	1.3	2.3	4.2	1.8	2.7	None					No
5/31/2018	6M17-01	PILLSBURY AVE S	W 84th St	One-Way Directional							4.5	0.2	0.2	3.6	0.8	0.7	None					No
5/31/2018	6M17-02	PILLSBURY AVE S	W 84th St	One-Way Directional							3.6	3.4	1.3	2.6	3.1	0.8	None					No
5/31/2018	06M10	Lyndale Green Entrance	W 84th St	Parallel							4.1	0.9	0.7	3.9	0.7	0.4	Cast iron	Yes, less	Yes			Yes
5/31/2018	06L01-01	LYNDALE AVE S	W 84TH ST	Tiered Perpendicular	2015-101						4.1	0.7	0.2	2.8	1.6	1.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06L01-02	LYNDALE AVE S	W 84TH ST	Perpendicular	2015-101						2.6	0.7	1.1	0.3	0.2	0.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	06L01-03	LYNDALE AVE S	W 84TH ST	Perpendicular	2015-101						0.6	0.1	0.4	1.9	0.3	0.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	06L01-04	LYNDALE AVE S	W 84TH ST	Perpendicular	2015-101						2.3	0.2	0.6	0.3	0.4	1.9	Cast iron	Yes, less	Yes			Yes
5/31/2018	06M01-01	LYNDALE AVE S	W 84TH ST	Perpendicular	2015-101						0.7	0.8	0.1	2.5	0.4	0.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	06M01-02	LYNDALE AVE S	W 84TH ST	Parallel	2015-101						0.5	0.2	0.1	2.4	0.1	3.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06M01-03	LYNDALE AVE S	W 84TH ST	Perpendicular	2015-101						2.0	0.5	0.8	1.7	0.1	1.0	Cast iron	Yes, less	Yes			Yes
5/31/2018	06M01-04	LYNDALE AVE S	W 84TH ST	Tiered Perpendicular	2015-101						4.4	0.3	1.0	2.2	0.6	0.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	6.00E+01	LYNDALE AVE S	W 83RD ST	One-Way Directional	2011-101						3.1	2.0	1.2	4.7	0.2	1.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	06F01	LYNDALE AVE S	W 83RD ST	One-Way Directional	2011-101						3.2	2.0	0.4	4.9	0.8	0.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	06F26	NICOLLET AVE S	W 83RD ST	One-Way Directional	2011-102						2.6	1.0	0.5	3.2	0.5	3.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06G26	NICOLLET AVE S	W 83RD ST	One-Way Directional	2011-102						4.7	0.9	1.3	1.1	1.3	1.1	Cast iron	Yes, less	Yes			Yes
5/31/2018	06A46	4TH AVE S	E 82ND ST	One-Way Directional	2014-101	5	4.5	2.8	0.6		1.3	1.4	1.2	2.8	0.4	0.2	Cast iron	Yes, less	Yes			Yes
5/31/2018	06A45	4TH AVE S	E 82ND ST	One-Way Directional	2014-101	4.5	4	3.8	0.0		0.2	0.7	0.9	4.6	1.0	2.4	Cast iron	Yes, less	Yes			Yes
5/31/2018	05Z45	4TH AVE S	E 82ND ST	One-Way Directional	2014-101	5	5	2.5	4.1		1.5	0.6	0.1	3.0	0.4	2.6	Cast iron	Yes, less	Yes			Yes
5/31/2018	05Z46	4TH AVE S	E 82ND ST	One-Way Directional	2014-101	5.75	4.5	2.9	2.5		1.5	0.2	1.1	2.9	0.1	2.1	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N45	4TH AVE S	E 84TH ST	One-Way Directional	2014-102	5	5	3.7	0.5		0.8	0.7	1.2	2.6	1.8	1.0	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N46	4TH AVE S	E 84TH ST	One-Way Directional	2014-102	5	5	1.4	1.5		1.4	0.9	0.2	3.3	0.0	1.2	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M46	4TH AVE S	E 84TH ST	One-Way Directional	2014-101	5	5	0.8	2.0		1.7	0.2	1.2	3.8	1.6	1.8	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M48	5TH AVE S	E 84TH ST	One-Way Directional	2014-102	5	5	0.8	2.0		0.4	1.2	1.1	0.2	0.5	3.1	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M49	5TH AVE S	E 84TH ST	One-Way Directional	2014-102	5	5	0.8	2.0		0.4	1.1	0.5	1.1	0.9	1.9	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N48	5TH AVE S	E 84TH ST	One-Way Directional	2014-102						2.0	2.0	0.2	0.2	0.3	0.8	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N49	5TH AVE S	E 84TH ST	One-Way Directional	2014-102						1.0	2.6	1.4	1.4	1.0	0.2	Cast iron	Yes, less	Yes			No
5/30/2018	06M45	4TH AVE S	E 84TH ST	One-Way Directional	2014-101	5.5	5	0.2	3.3		1.1	0.2	0.1	1.8	0.7	2.2	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M35	2ND AVE S	E 84TH ST	One-Way Directional	2013-101						1.8	0.7	1.9	3.6	0.3	1.9	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/30/2018	06M36	2ND AVE S	E 84TH ST	One-Way Directional	2013-101						0.6	0.9	0.9	4.4	0.6	2.8	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N35	2ND AVE S	E 84TH ST	One-Way Directional	2013-101						0.7	0.4	1.4	3.3	1.0	1.8	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N36	2ND AVE S	E 84TH ST	One-Way Directional	2013-101						1.7	1.0	1.8	2.9	1.8	0.9	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M39	3RD AVE S	E 84TH ST	One-Way Directional	2014-102						0.1	0.9	0.6	1.8	0.2	2.3	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M40	3RD AVE S	E 84TH ST	One-Way Directional	2014-102						1.2	0.7	0.5	0.5	0.5	1.2	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N39	3RD AVE S	E 84TH ST	One-Way Directional	2014-102						0.0	0.4	0.0	3.0	0.6	0.7	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N40	3RD AVE S	E 84TH ST	One-Way Directional	2014-102						4.6	2.0	0.0	1.6	0.3	0.5	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M42	CLINTON AVE S	E 84TH ST	One-Way Directional	2014-102						0.2	1.3	1.9	3.1	1.4	0.1	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M43	CLINTON AVE S	E 84TH ST	One-Way Directional	2014-102						2.4	4.0	1.9	1.8	1.4	1.1	Cast iron	Yes, less	Yes			No
5/30/2018	06N42	CLINTON AVE S	E 84TH ST	One-Way Directional	2010-101						3.8	2.0	0.1	3.2	0.6	1.5	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N43	CLINTON AVE S	E 84TH ST	One-Way Directional	2010-101						3.3	2.6	0.8	3.7	0.2	1.3	Cast iron	Yes, less	Yes			No
5/30/2018	06M32	STEVENS AVE S	E 84TH ST	One-Way Directional	2014-102						0.5	0.8	0.6	1.9	0.8	0.4	Cast iron	Yes, less	Yes			Yes
5/30/2018	06M33	STEVENS AVE S	E 84TH ST	One-Way Directional	2014-102						1.5	2.4	3.4	3.0	3.1	1.1	Cast iron	Yes, less	Yes			No
5/30/2018	06N32	STEVENS AVE S	E 84TH ST	One-Way Directional	2006-101						3.5	0.8	1.9	4.2	1.5	0.3	Cast iron	Yes, less	Yes			Yes
5/30/2018	06N33	STEVENS AVE S	E 84TH ST	One-Way Directional	2006-101						0.7	1.3	0.7	3.5	0.4	1.8	Cast iron	Yes, less	Yes			Yes
5/30/2018	6M30	1ST AVE S	E 84TH ST	One-Way Directional	2014-102						0.0	2.0	2.6	4.5	1.9	1.1	Cast iron	Yes, less	Yes			Yes
5/30/2018	6M29	1ST AVE S	E 84TH ST	One-Way Directional	2014-102						1.6	0.7	0.1	0.4	0.3	1.4	Cast iron	Yes, less	Yes			Yes
5/30/2018	6N30	1ST AVE S	E 84TH ST	One-Way Directional	2014-102						1.5	0.9	0.4	2.3	0.1	1.4	Cast iron	Yes, less	Yes			Yes
5/30/2018	6N29	1ST AVE S	E 84TH ST	One-Way Directional	2014-102						2.5	0.0	1.2	1.2	1.2	1.1	Cast iron	Yes, less	Yes			Yes
5/30/2018	6M26-01	NICOLLET AVE S	E 84TH ST	Fan	2014-102						4.2	0.9	0.2	0.4	0.2	0.4	Cast iron	No, more	Yes			<Null>
5/30/2018	6M26-1	NICOLLET AVE S	E 84TH ST	Fan	2014-102						4.2	0.9	0.2	0.4	0.2	0.4	Cast iron	No, more	Yes			<Null>
5/30/2018	6N26-2	NICOLLET AVE S	E 84TH ST	Combined Directional	2014-102						3.5	2.5	0.4	1.8	0.4	1.8	Cast iron	Yes, less	Yes			No
5/30/2018	6N26-2	NICOLLET AVE S	E 84TH ST	Combined Directional	2014-102						2.9	0.4	0.4	0.4	0.4	0.4	Cast iron	Yes, less	Yes			Yes
5/29/2018	72T12	BOONE CIR	W 110TH ST	Tiered Perpendicular	2014-306	5	6	0.9	0.7		2.5	2.0	2.7	1.4	1.1	2.7	Cast iron	Yes, less	No, write exception			Yes
5/29/2018	72X17	AQUILA BLUFFS CIR	W 110TH ST	Tiered Perpendicular	2014-306	5	5.7	1.2	0.9		4.7	0.7	2.2	1.4	1.6	1.4	Cast iron	Yes, less	No, write exception			Yes
5/29/2018	72Y18	W 110th st cir	W 110th St	One-Way Directional							2.2	1.1	0.3	1.6	0.2	1.4	Tyned	Yes, less	Yes			No
5/29/2018	72Y19	W 110th st cir	W 110th St	One-Way Directional		5	5	2.0	0.4		3.2	1.4	1.5	4.5	1.4	1.1	Tyned	Yes, less	Yes			No
5/29/2018	25B23	YUKON AVE S	W 110TH ST	Combined Directional	2014-201						0.4	1.1	1.7	1.8	1.8	0.2	Cast iron	Yes, less	Yes			Yes
5/29/2018	25A22	YUKON AVE S	W 110th st	Tiered Perpendicular		5	5	1.8	1.0		4.9	0.3	0.9	3.3	0.7	0.3	Tyned	No, more	No, reconstruct to correct			No
5/29/2018	42A38	VERDI RD	W 106TH ST	One-Way Directional	2011-101						0.4	2.0	2.8		3.1	0.1	Cast iron	Yes, less	Yes			Yes
5/29/2018	42A37	VERDI RD	W 106TH ST	One-Way Directional	2011-101						1.1	1.3	0.2	1.3	0.7	0.0	Cast iron	Yes, less	Yes			Yes
5/29/2018	42A22	JAMES AVE S	W 106TH ST	One-Way Directional	2014-102	5	4	1.5	3.0		8.1	2.0	2.0	2.3	1.9	0.4	Cast iron	Yes, less	Yes			No
5/29/2018	42A21	JAMES AVE S	W 106TH ST	One-Way Directional	2014-102	4	4	2.9	1.9		0.1	5.2	3.5	3.2	3.4	1.0	Cast iron	Yes, less	Yes			No
5/25/2018	60C32-01	W BUSH LAKE RD	HIGHWOOD DR	Tiered Perpendicular	2014-102	4	4	4.0	3.7		4.4	0.6	0.1	3.1	0.5	1.4	Cast iron	Yes, less	Yes			Yes
5/25/2018	60C31-3	W BUSH LAKE RD	HIGHWOOD DR	Tiered Perpendicular	2014-102	4	4	4.0	3.7		4.0	0.3	0.2	2.4	0.4	0.5	Cast iron	Yes, less	Yes			Yes
5/25/2018	60C31-04	W BUSH LAKE RD	HIGHWOOD DR	Tiered Perpendicular	2014-102	4	4	4.0	3.7		4.6	0.2	1.0	4.2	0.1	0.2	Cast iron	Yes, less	Yes			Yes
5/25/2018	40Z08-01	DREW AVE S	W 110TH ST	One-Way Directional	2014-101						3.4	0.9	1.3	4.5	0.9	1.8	Cast iron	Yes, less	Yes			Yes
5/25/2018	40Z07-01	DREW AVE S	W 110TH ST	One-Way Directional	2014-101	4	4	2.5	1.5		2.6	1.6	0.2	1.3	0.9	0.9	Cast iron	Yes, less	Yes			Yes
5/25/2018	40Z04-01	EWING AVE S	W 110TH ST	One-Way Directional	2014-101						2.3	1.0	1.2	5.5	0.2	2.3	Cast iron	Yes, less	Yes			Yes
5/25/2018	40Z05-01	EWING AVE S	W 110TH ST	One-Way Directional	2014-101						1.9	0.9	0.7	3.1	0.7	2.3	Cast iron	Yes, less	Yes			Yes
5/25/2018	58B12-01	LEA RD	W 82ND ST	One-Way Directional	2015-102						3.9	2.0	0.1	2.8	0.5	0.9	Cast iron	Yes, less	Yes			Yes
5/25/2018	58C12-01	LEA RD	W 82ND ST	One-Way Directional	2015-102	10	5	1.6	2.2		0.9	4.1		1.9	4.4	1.5	Cast iron	Yes, less	Yes			No
5/25/2018	58C11-01	HIGHWOOD DR	W 82ND ST	One-Way Directional	2015-102	5	5	2.4	3.1		4.6	1.0	0.1	0.8	0.6	2.0	Cast iron	Yes, less	Yes			Yes
5/25/2018	58D11-01	HIGHWOOD DR	W 82ND ST	One-Way Directional	2015-102	10	5	2.5	6.5		2.8	1.3	0.3	2.4	0.2	1.3	Cast iron	Yes, less	Yes			Yes
5/25/2018	58T04-01	Oak Point Driveway	W 84th St	One-Way Directional							0.5	3.0	2.5	1.3	3.6	0.2	Tyned	Yes, less	Yes			No
5/25/2018	58T04-02	Oak Point Driveway	W 84th St	One-Way Directional							3.0	1.8	3.4	0.9	4.4	0.0	Tyned	Yes, less	Yes			No
5/25/2018	58S03-01	Oak pointe curve	W 84th St	One-Way Directional							3.1	1.2	3.2	4.5	2.6	2.8	Tyned	Yes, less	Yes			No
5/25/2018	58S02-01	Oak pointe curve	W 84th St	One-Way Directional							4.4	1.4	2.6	3.6	0.5	4.5	None					No
5/25/2018	58I01-01	OREGON RD	W 83RD ST	Diagonal	2014-102	5	8	5.2	0.3		4.7	1.0	0.6	1.9	0.8	0.3	Cast iron	Yes, less	Yes			Yes
5/25/2018	58J02-01	Reynolds Park Driveway	W 83rd St	One-Way Directional							3.6	1.7	3.1	2.3	4.3	0.9	None		Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/25/2018	58J03-01	Reynolds Park Driveway	W 83rd St	One-Way Directional							2.1	4.8	5.2	13.2	6.4	0.7	None		Yes			No
5/25/2018	58J05-01	Reynolds Park Driveway	W 83rd St	One-Way Directional							2.1	1.4	3.1	7.0	3.0	3.6	None					No
5/25/2018	58J06-01	Reynolds Park Driveway	W 83rd St	One-Way Directional							1.3	2.0	3.0	4.4	5.5	0.5	Tyned	Yes, less	Yes			No
5/25/2018	58J13-01	HIGHWOOD DR	W 83RD ST	One-Way Directional	2014-102						3.2	2.0	1.2	3.2	0.9	0.6	Cast iron	Yes, less	Yes			Yes
5/25/2018	58K13-01	HIGHWOOD DR	W 83RD ST	Combined Directional	2014-102	5	5	5.3	10.1		1.6	0.1	0.9	1.3	1.0	1.6	Cast iron	Yes, less	Yes			Yes
5/25/2018	58K13-02	HIGHWOOD DR	W 83RD ST	Combined Directional	2014-102	5	5	9.3	5.5		1.1	1.7	0.9	1.4	0.5	2.1	Cast iron	Yes, less	Yes			Yes
5/25/2018	58J14-01	HIGHWOOD DR	W 83RD ST	One-Way Directional	2015-102						3.6	1.6	0.2	3.0	0.2	0.6	Cast iron	Yes, less	Yes			Yes
5/25/2018	58K14-01	HIGHWOOD DR	W 83RD ST	Combined Directional	2015-102						0.9	1.4	0.7	0.5	0.6	1.7	Cast iron	Yes, less	Yes			Yes
5/25/2018	58K14-02	HIGHWOOD DR	W 83RD ST	Combined Directional	2015-102						0.8	0.3	0.1	2.0	0.1	3.2	Cast iron	Yes, less	Yes			Yes
5/24/2018	60C31-01	W BUSH LAKE RD	HIGHWOOD DR	One-Way Directional	2017-110	4	4	4.0	3.7		2.9	0.5	0.7	1.6	0.6	3.3	Cast iron	Yes, less	Yes			Yes
5/24/2018	60C31-02	W BUSH LAKE RD	HIGHWOOD DR	One-Way Directional	2017-110						1.5	0.6	0.1	0.5	0.6	2.3	Cast iron	Yes, less	Yes			Yes
5/24/2018	60C31-05	W BUSH LAKE RD	HIGHWOOD DR	Tiered Perpendicular	2014-102	4	4	4.0	3.7		4.5	1.5	0.5	3.8	0.9	0.9	Cast iron	Yes, less	Yes			Yes
5/24/2018	60D31-01	W BUSH LAKE RD	HIGHWOOD DR	One-Way Directional	2009-102	4	4	4.0	3.7		4.1	0.7	0.8	4.4	0.1	0.3	Cast iron	Yes, less	Yes			Yes
5/24/2018	60D31-02	W BUSH LAKE RD	HIGHWOOD DR	One-Way Directional	2009-102	4	4	4.0	3.7		4.2	2.2	1.1	3.6	0.5	0.4	Cast iron	Yes, less	Yes			No
5/24/2018	60A52-03	PENNSYLVANIA RD	HIGHWOOD DR	One-Way Directional	2012-102	4	4	0.9	1.0		2.4	1.5	0.4	4.3	0.2	0.7	Cast iron	Yes, less	Yes			Yes
5/24/2018	60A52-01	PENNSYLVANIA RD	HIGHWOOD DR	Combined Directional	2012-102	6.9	5	0.3	1.8		3.5	0.8	1.4	1.6	0.1	0.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	60A52-02	PENNSYLVANIA RD	HIGHWOOD DR	Combined Directional	2012-102	6.9	5	0.3	1.8		0.7	1.6	0.5	1.7	0.8	1.4	Cast iron	Yes, less	Yes			Yes
5/24/2018	60C50-01	PENNSYLVANIA RD	AUTUMN CHACE DR	One-Way Directional	2014-102						2.4	0.6	0.3	2.7	0.6	2.7	Cast iron	Yes, less	Yes			Yes
5/24/2018	60D50-1	PENNSYLVANIA RD	AUTUMN CHACE DR	One-Way Directional	2014-102						2.7	0.8	0.6	0.7	0.7	1.9	Cast iron	Yes, less	Yes			Yes
5/24/2018	60J50-01	PENNSYLVANIA RD	W 83RD ST	One-Way Directional	2014-102						1.8	1.5	0.2	2.9	0.6	1.5	Cast iron	Yes, less	Yes			Yes
5/24/2018	60K52-01	PENNSYLVANIA RD	W 83RD ST	Tiered Perpendicular	2014-102						3.4	0.5	1.0	0.4	0.8	1.7	Cast iron	Yes, less	Yes			Yes
5/24/2018	60K50-01	PENNSYLVANIA RD	W 83RD ST	Combined Directional	2014-102						3.6	1.8	0.6	2.2	0.8	3.2	Cast iron	Yes, less	Yes			Yes
5/24/2018	60K50-02	PENNSYLVANIA RD	W 83RD ST	Combined Directional	2014-102	5	5	2.8	1.5		7.7	1.8	0.5	1.9	0.7	2.5	Cast iron	Yes, less	Yes			No
5/24/2018	58T06-01	Oak pointe curve	W 84th St	One-Way Directional							1.1	2.4	1.2	4.3	1.7	0.1	Tyned	Yes, less	Yes			No
5/24/2018	58T05-01	Oak pointe curve	W 84th St	One-Way Directional							1.9	2.0	0.1	4.2	0.9	1.7	Tyned	Yes, less	Yes			No
5/24/2018	59Q08-01	W 84TH ST CIR	W 84TH ST	One-Way Directional	2014-102						2.2	1.8	0.8	2.4	0.6	0.1	Cast iron	Yes, less	Yes			Yes
5/24/2018	58Q07-01	W 84TH ST CIR	W 84TH ST	One-Way Directional	2014-102						1.9	2.0	1.5	0.4	1.0	1.0	Cast iron	Yes, less	Yes			Yes
5/24/2018	58P15-01	HIGHWOOD DR	W 84TH ST	Combined Directional	2014-102	3.5	6.5	0.7	1.6		4.1	1.6	1.8	2.6	2.0	1.7	Cast iron	Yes, less	Yes			Yes
5/24/2018	58Q16-01	HIGHWOOD DR	W 84TH ST	Diagonal	2014-102						2.4	1.1	0.1	1.3	0.1	2.0	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D32-02	LITTLE RD	W 98TH ST	Perpendicular	2014-102						1.1	1.4	5.1	0.5	6.0	2.6	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D32-03	LITTLE RD	W 98TH ST	Perpendicular	2015-102						0.8	2.5	1.9	2.3	2.6	3.2	Cast iron	Yes, less	Yes			No
5/24/2018	36D31-01	LITTLE RD	W 98TH ST	Diagonal	2014-102	4.7	4	4.5	5.8		2.3	1.6	2.1	1.2	1.2	3.2	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D11-1	RICH RD	W 98th St	One-Way Directional	2014-102	5.5	4	2.0	1.6		8.5	0.2	0.6	3.8	0.2	3.0	Cast iron	Yes, less	Yes			No
5/24/2018	36D11-2	RICH RD	W 98th St	One-Way Directional	2014-102	4	5.5	0.6	2.0		6.5	1.4	0.6	7.3	1.7	0.1	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D11-3	RICH RD	W 98th St	One-Way Directional	2014-102	5	4	0.3	1.6		6.9	0.4	0.1	2.2	0.3	0.6	Cast iron	Yes, less	Yes			Yes
5/24/2018	36B09-2	NORMANDALE VILLAGE	W 98TH ST	One-Way Directional	2014-102						0.9	1.9	1.2	2.4	2.4	2.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36A08-1	NORMANDALE VILLAGE	W 98TH ST	Perpendicular	2014-102	4.8	5	3.0	1.0		13.8	1.3	3.8	1.9	3.4	1.3	Cast iron	Yes, less	Yes			No
5/24/2018	36A08-2	NORMANDALE VILLAGE	W 98TH ST	Perpendicular	2014-102						0.6	3.0	4.8	1.6	4.3	0.3	Cast iron	Yes, less	Yes			No
5/24/2018	36A08-3	NORMANDALE VILLAGE	W 98TH ST	Diagonal	2014-102						0.9	1.2	2.1	0.5	1.3	1.5	Cast iron	Yes, less	Yes			Yes
5/24/2018	36A08-4	NORMANDALE VILLAGE	W 98TH ST	Perpendicular	2014-102	6.5	5.5	1.7	1.3		6.5	0.7	2.4	0.9	1.4	1.1	Cast iron	Yes, less	Yes			Yes
5/24/2018	36A01-1	NORMANDALE BLVD	W 98TH ST	Perpendicular	2014-102						2.9	1.0	2.1	0.4	1.3	2.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36A01-2	NORMANDALE BLVD	W 98TH ST	Perpendicular	2014-102						4.4	1.4	3.7	3.1	3.2	1.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36B01-1	NORMANDALE BLVD	W 98TH ST	Combined Directional	2014-102						1.9	2.4	2.1	3.4	1.5	1.1	Cast iron	Yes, less	Yes			No
5/24/2018	36B01-2	NORMANDALE BLVD	W 98TH ST	Combined Directional	2014-102						2.3	1.3	2.8	4.0	2.5	0.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36C01-1	NORMANDALE BLVD	W 98TH ST	Combined Directional	2014-102						4.1	0.8	2.0	1.6	0.8	3.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36C01-2	NORMANDALE BLVD	W 98TH ST	Combined Directional	2014-102						3.2	1.2	0.7	4.0	0.2	2.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36C02-1	NORMANDALE BLVD	W 98TH ST	Tiered Perpendicular	2014-102						2.0	0.3	0.5	1.8	0.6	2.0	Cast iron	Yes, less	Yes			Yes
5/24/2018	36C02-2	NORMANDALE BLVD	W 98TH ST	Perpendicular	2014-102						3.8	0.6	0.3	0.0	0.4	2.1	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D08-1	NORMANDALE VILLAGE	W 98TH ST	Tiered Perpendicular	2014-102	5.7	5	1.5	2.0		5.2	3.5	3.6	5.0	2.6	1.3	Cast iron	Yes, less	Yes			No
5/24/2018	36D08-2	NORMANDALE VILLAGE	W 98TH ST	Perpendicular	2014-102						1.1	1.9	1.8	1.5	3.2	0.6	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/24/2018	36D08-3	NORMANVILLE VILLAGE	W 98TH ST	Perpendicular	2014-102						2.9	0.6	1.9	4.5	1.0	1.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D08-4	NORMANVILLE VILLAGE	W 98TH ST	Perpendicular	2014-102						0.9	1.4	2.2	1.5	2.6	2.5	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D09-1	NORMANVILLE VILLAGE	W 98TH ST	One-Way Directional	2014-102						2.3	2.0	3.0	1.3	0.5	3.1	Cast iron	Yes, less	Yes			Yes
5/24/2018	36D09-2	NORMANVILLE VILLAGE	W 98TH ST	One-Way Directional	2014-102	4	6.5	0.9	1.4		8.9	0.5	1.7	2.9	0.7	3.7	Cast iron	Yes, less	Yes			No
5/24/2018	36E11-2	RICH RD	W 98TH ST	Tiered Perpendicular	2014-102	6	4.4	0.4	1.6		7.4	1.3	1.2	3.3	0.9	3.3	Cast iron	Yes, less	Yes			Yes
5/24/2018	36F29-01	LITTLE RD	W 98TH ST	One-Way Directional	2014-102	5	4	1.8	0.6		0.8	1.8	3.2	1.0	6.6	0.8	Cast iron	Yes, less	Yes			Yes
5/24/2018	36F29-02	LITTLE RD	W 98TH ST	One-Way Directional	2014-102						2.0	2.0	2.1	2.3	1.6	3.6	Cast iron	Yes, less	Yes			Yes
5/24/2018	36F30-01	LITTLE RD	W 98TH ST	One-Way Directional	2014-102	4.5	4	0.2	0.4		1.1	0.3	0.7	2.9	1.4	6.6	Cast iron	Yes, less	Yes			Yes
5/24/2018	36F30-02	LITTLE RD	W 98TH ST	One-Way Directional	2014-102						1.1	1.6	1.8	3.1	1.4	6.8	Cast iron	Yes, less	Yes			Yes
5/23/2018	79Q37	BLOOMINGTON FERRY RD	AUTO CLUB RD	Tiered Perpendicular	2014-201	4	5	4.4	2.5		5.9	3.4	3.8	4.2	2.5	0.5	Cast iron	Yes, less	Yes			No
5/23/2018	79Q38	BLOOMINGTON FERRY RD	AUTO CLUB RD	Tiered Perpendicular	2014-102	4.5	4.5	1.0	1.0		5.0	1.4	1.4	1.9	1.6	1.5	Cast iron	Yes, less	Yes			Yes
5/23/2018	79L36-1	BLOOMINGTON FERRY RD	W 112TH ST	One-Way Directional	2014-201						2.8	0.2	0.6	0.5	0.1	1.2	Cast iron	Yes, less	Yes			Yes
5/23/2018	79L36-2	BLOOMINGTON FERRY RD	W 112TH ST	One-Way Directional	2014-201						3.4	0.3	1.2	1.2	1.3	0.7	Cast iron	Yes, less	Yes			Yes
5/23/2018	72R39	BLOOMINGTON FERRY RD	W 109TH ST	Diagonal	2014-102						1.2	0.4	0.6	3.0	0.7	1.4	Cast iron	Yes, less	Yes			Yes
5/23/2018	72S39	BLOOMINGTON FERRY RD	W 109TH ST	Tiered Perpendicular	2014-102						0.7	0.2	1.5	1.5	0.7	0.8	Cast iron	Yes, less	Yes			Yes
5/23/2018	40A28-02	XERXES AVE S	W 106TH ST	Combined Directional	2014-102						3.5	0.3	0.1	0.7	0.2	2.5	Cast iron	Yes, less	Yes			Yes
5/23/2018	40A28-01	XERXES AVE S	W 106TH ST	Parallel	2014-102						4.1	0.9	0.4	3.0	0.5	1.8	Cast iron	Yes, less	Yes			Yes
5/23/2018	72B37	BLOOMINGTON FERRY RD	MINNESOTA BLUFFS DR	Tiered Perpendicular	2014-102						3.8	0.7	1.2	0.9	0.9	1.1	Cast iron	Yes, less	Yes			Yes
5/23/2018	72C37	BLOOMINGTON FERRY RD	MINNESOTA BLUFFS DR	Combined Directional	2014-102						1.2	0.7	0.2	0.7	0.3	0.6	Cast iron	Yes, less	Yes			Yes
5/23/2018	72C36	BLOOMINGTON FERRY RD	MINNESOTA BLUFFS DR	Combined Directional	2014-102						2.2	0.4	1.4	0.9	1.1	1.4	Cast iron	Yes, less	Yes			Yes
5/23/2018	72B36	BLOOMINGTON FERRY RD	MINNESOTA BLUFFS DR	Perpendicular	2014-201						4.0	1.0	0.1	0.3	0.7	1.7	Cast iron	Yes, less	Yes			Yes
5/23/2018	72D35-1	BLOOMINGTON FERRY RD	W 110TH ST	Perpendicular	2014-201						2.0	0.8	1.9	3.1	1.2	1.3	Cast iron	Yes, less	Yes			Yes
5/23/2018	72D35-2	BLOOMINGTON FERRY RD	W 110TH ST	Perpendicular	2014-201						0.1	0.1	1.2	2.8	0.4	2.0	Cast iron	Yes, less	Yes			Yes
5/23/2018	72C35-2	BLOOMINGTON FERRY RD	W 110TH ST	Perpendicular	2014-201						1.3	0.9	0.9	2.8	0.2	1.5	Cast iron	Yes, less	Yes			Yes
5/23/2018	72C35-1	BLOOMINGTON FERRY RD	W 110TH ST	Perpendicular	2014-201						1.9	1.1	0.5	0.8	1.1	1.8	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N39-02	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102	6	5.5	3.3	2.7		4.2	1.7	2.1	3.0	0.3	1.0	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N39-1	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102						2.0	0.7	0.1	0.1	0.5	0.6	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N39-4	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102						0.3	0.3	0.8	1.7	0.1	1.6	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N39-3	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-102						2.0	0.0	0.6	0.8	0.7	0.5	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N38-4	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	13	15	2.0	0.6		1.4	0.3	0.5	1.3	0.1	0.2	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N38-01	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	13	15	2.0	0.6		0.4	0.2	1.0	0.1	0.4	0.4	Cast iron	Yes, less	Yes			Yes
5/23/2018	72N38-02	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	6	6	1.1	1.9		1.1	1.1	0.0	1.4	1.6	1.9	Cast iron	Yes, less	Yes			Yes
5/23/2018	40A30	WASHBURN AVE S	W 106TH ST	One-Way Directional	2014-102						3.5	0.3	1.4	4.6	2.0	3.3	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	40A31	WASHBURN AVE S	W 106TH ST	One-Way Directional	2014-102						1.6	0.7	2.5	1.2	0.1	3.5	Cast iron	No, more	No, reconstruct to correct			No
5/23/2018	40A33	VINCENT AVE S	W 106TH ST	One-Way Directional	2014-101	6.5	5	1.2	1.7		1.3	1.1	0.7	3.1	0.3	1.0	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	40A34	VINCENT AVE S	W 106TH ST	One-Way Directional	2014-101	5	5	2.3	0.1		1.8	0.2	1.1	3.5	0.8	2.3	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	39Z34	VINCENT AVE S	W 106TH ST	One-Way Directional	2011-102						4.8	3.2	3.1	1.6	2.6	3.0	Cast iron	Yes, less	No, reconstruct to correct			No
5/23/2018	39Z33	VINCENT AVE S	W 106TH ST	One-Way Directional	2011-102						4.3	1.3	0.8	2.4	0.9	1.1	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	40A37	UPTON AVE S	W 106TH ST	One-Way Directional	2014-101	6	5	0.2	1.4		1.5	0.8	0.1	0.7	0.6	0.6	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	40A38	UPTON AVE S	W 106TH ST	One-Way Directional	2014-101	6	5	4.2	0.2		2.9	1.0	0.4	1.7	0.6	3.4	Cast iron	Yes, less	No, write exception			No
5/23/2018	39Z38	UPTON AVE S	W 106TH ST	One-Way Directional	2014-102						1.1	0.4	1.5	0.5	0.9	4.0	Cast iron	Yes, less	than 3" Gap			Yes
5/23/2018	39Z37	UPTON AVE S	W 106TH ST	One-Way Directional	2014-102						3.1	1.8	1.9	2.6	1.8	1.9	Cast iron	Yes, less	than 3" Gap			Yes
5/22/2018	39Z39	THOMAS AVE S	W 106TH ST	One-Way Directional	2013-101						0.8	1.6	1.9	5.3	0.9	3.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z40	THOMAS AVE S	W 106TH ST	One-Way Directional	2013-101						2.4	1.9	0.3	2.1	0.5	1.8	Cast iron	Yes, less	Yes			Yes
5/22/2018	40A41-01	THOMAS AVE S	W 106TH ST	One-Way Directional	2009-101						5.0	0.3	0.2	3.9	1.1	3.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	40A44-01	SHERIDAN AVE S	W 106TH ST	One-Way Directional	2013-101						1.4	1.6	1.3	3.0	0.9	1.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	40A43-01	SHERIDAN AVE S	W 106TH ST	One-Way Directional	2013-101						1.0	1.8	0.6	3.9	0.5	0.5	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z42	SHERIDAN AVE S	W 106TH ST	One-Way Directional	2013-101						2.3	0.3	1.7	6.8	1.4	2.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z43	SHERIDAN AVE S	W 106TH ST	One-Way Directional	2013-101						1.8	0.8	1.2	4.2	0.4	1.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	40A51-01	QUEEN AVE S	W 106TH ST	One-Way Directional	2014-102						2.3	1.9	0.8	4.5	0.9	3.4	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/22/2018	40A52-01	QUEEN AVE S	W 106TH ST	One-Way Directional	2014-102	3	4	0.0	3.2		5.2	0.1	2.8	2.4	3.4	0.6	Cast iron	Yes, less	No, reconstruct to correct			No
5/22/2018	40A47-2	RUSSELL AVE S	W 106TH ST	One-Way Directional	2014-102						3.3	3.0	0.7	0.2	1.3	2.9	Cast iron	Yes, less	Yes			No
5/22/2018	40A47-01	RUSSELL AVE S	W 106TH ST	One-Way Directional	2014-102	4	4	0.8	0.3		4.5	1.1		1.0	1.1	1.0	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z46-1	RUSSELL AVE S	W 106TH ST	One-Way Directional	2013-101						2.9	0.1	0.3	3.2	1.4	2.2	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z46-2	RUSSELL AVE S	W 106TH ST	One-Way Directional	2013-101						1.2	0.9	0.1	3.4	0.4	1.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z48	QUEEN AVE S	W 106TH ST	One-Way Directional	2014-102						4.4	0.8	1.1	2.4	1.3	3.1	Cast iron	Yes, less	Yes			Yes
5/22/2018	39Z49	QUEEN AVE S	W 106TH ST	One-Way Directional	2014-102						1.2	1.9	1.5	0.3	1.9	3.1	Cast iron	Yes, less	Yes			Yes
5/22/2018	41Z00	PENN AVE S	W 106TH ST	One-Way Directional	2014-102						0.3	1.5	1.1	2.5	0.1	3.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	41Z01	PENN AVE S	W 106TH ST	One-Way Directional	2014-102						2.4	0.3	1.0	3.2	0.3	4.2	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A00	PENN AVE S	W 106TH ST	One-Way Directional	2009-102						3.2	1.5	0.3	6.2	0.6	3.8	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A01	PENN AVE S	W 106TH ST	One-Way Directional	2009-102						3.2	0.0	0.6	2.7	0.0	3.1	Cast iron	Yes, less	Yes			Yes
5/22/2018	41A08	MORGAN AVE S	W 106TH ST	One-Way Directional	2014-102						3.7	0.8	1.1	2.2	3.2	2.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A09	MORGAN AVE S	W 106TH ST	One-Way Directional	2014-102						3.6	1.8	0.2	2.8	0.6	3.2	Cast iron	Yes, less	Yes			Yes
5/22/2018	41A09	MORGAN AVE S	W 106TH ST	One-Way Directional	2014-102						0.8	0.8	0.4	2.0	0.9	0.2	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A26-1	HUMBOLDT AVE S	W 106TH ST	One-Way Directional	2011-101						3.4	1.9	0.1	3.1	0.4	1.1	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A26-2	HUMBOLDT AVE S	W 106TH ST	Tiered Perpendicular	2014-102						0.9	1.2	1.2	0.4	2.2	3.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	41Z26-2	HUMBOLDT AVE S	W 106TH ST	Combined Directional	2011-101						0.4	1.3	1.0	3.9	1.3	2.1	Cast iron	Yes, less	Yes			Yes
5/22/2018	41Z27-1	HUMBOLDT AVE S	W 106TH ST	Combined Directional	2011-101						1.6	0.3	1.3	0.8	1.4	4.7	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A27-1	HUMBOLDT AVE S	W 106TH ST	Combined Directional	2011-101						2.6	0.7	0.9	2.2	1.7	4.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	42A27-2	HUMBOLDT AVE S	W 106TH ST	Combined Directional	2011-101						1.9	1.4	0.1	1.3	0.0	3.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M01	FRANCE AVE S	W 84TH ST	Tiered Perpendicular	2009-302	7	4	5.4	2.8		2.1	2.1	3.3	4.4	3.3	0.5	Cast iron	Yes, less	Yes			No
5/22/2018	10N01-1	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302	7	4	5.4	2.8		1.3	0.8	0.4	3.0	0.6	0.7	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N01-2	FRANCE AVE S	W 84TH ST	Perpendicular	2009-302	7	4	5.4	2.8		4.6	0.0	0.2	0.8	0.1	1.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N01-4	FRANCE AVE S	W 84TH ST	Tiered Perpendicular	2009-302	7	4	5.4	2.8		3.3	0.9	1.5	4.4	0.1	1.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M09	CHOWEN AVE S	W 84TH ST	One-Way Directional	2014-101	5.5	4	0.4	2.0		3.5	0.3	0.8	0.3	1.3	1.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M08	CHOWEN AVE S	W 84TH ST	One-Way Directional	2014-101	5	4	1.0	6.0		0.5	0.5	0.9	1.6	1.4	1.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N14	BEARD AVE S	W 84TH ST	One-Way Directional	2014-101	5	4	2.0	0.3		4.2	1.3	0.0	0.2	0.1	1.8	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N13	BEARD AVE S	W 84TH ST	One-Way Directional	2014-101	5	4	0.7	2.0		3.3	1.2	1.5	0.7	1.0	1.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N18	ZENITH AVE S	W 84TH ST	One-Way Directional	2014-101	6	4	1.8	1.1		2.3	0.6	1.4	0.2	1.1	0.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N17	ZENITH AVE S	W 84TH ST	One-Way Directional	2014-101	4.5	4	4.9	4.4		2.9	2.5	3.3	0.3	3.0	4.2	Cast iron	Yes, less	Yes			No
5/22/2018	10N19	YORK RD	W 84TH ST		2014-101						0.0	0.3	0.6	2.8	0.3	2.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N20	YORK RD	W 84TH ST	One-Way Directional	2014-101						4.6	0.8	2.7	0.9	1.4	0.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M27	XERXES AVE S	W 84TH ST	Tiered Perpendicular	2014-101	5	8.5	1.3	0.7		4.8	1.1	2.0	3.3	2.3	0.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N27-2	XERXES AVE S	W 84TH ST	One-Way Directional	2014-101						3.3	0.2	1.9	3.1	1.2	4.5	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N27-1	XERXES AVE S	W 84TH ST	One-Way Directional	2014-101						3.4	0.9	0.5	2.4	1.1	4.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M35-5	THOMAS AVE S	W 84TH ST	Tiered Perpendicular	2014-102						0.9	0.0	0.1	2.7	0.6	2.0	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M35-4	THOMAS AVE S	W 84TH ST	Perpendicular	2014-102						0.8	0.3	0.2	1.2	0.5	1.6	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M35-3	THOMAS AVE S	W 84TH ST	Perpendicular	2014-102						0.7	0.1	0.5	1.8	0.3	1.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M35-2	THOMAS AVE S	W 84TH ST	Tiered Perpendicular	2014-102						0.7	0.2	0.5	1.7	0.2	1.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M35-1	THOMAS AVE S	W 84TH ST	One-Way Directional	2014-102						0.2	0.4	0.9	2.4	0.8	0.4	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M34	THOMAS AVE S	W 84TH ST	One-Way Directional	2014-102						1.6	1.6	0.3	0.2	0.2	0.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N52-4	PENN AVE S	W 84TH ST	Tiered Perpendicular	2014-102						3.0	1.2	1.9	4.4	2.1	2.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N52-3	PENN AVE S	W 84TH ST	Perpendicular	2014-102						1.9	1.1	2.0	1.9	1.6	1.0	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N52-2	PENN AVE S	W 84TH ST	One-Way Directional	2014-102						2.2	1.7	1.7	1.4	1.1	2.2	Cast iron	Yes, less	Yes			Yes
5/22/2018	10N52-1	PENN AVE S	W 84TH ST	One-Way Directional	2014-102						3.6	0.5	1.0	0.4	1.3	2.9	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M52-2	PENN AVE S	W 84TH ST	Parallel	2014-102						3.2	1.8	1.6	0.6	1.9	3.0	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M52-1	PENN AVE S	W 84TH ST	Parallel	2014-102						2.1	1.7	1.9	2.6	2.0	2.3	Cast iron	Yes, less	Yes			Yes
5/22/2018	10M47	RUSSELL AVE S	W 84TH ST	One-Way Directional	2014-102						2.8	1.5	0.5	2.7	0.9	0.8	Cast iron	Yes, less	Yes			Yes
5/21/2018	29A26	NICOLLET AVE S	E 94TH ST	One-Way Directional	2013-101						3.4	1.7	0.2	2.0	0.5	0.1	Cast iron	Yes, less	Yes			Yes
5/21/2018	29I13	PLEASANT AVE S	W 95TH ST	One-Way Directional	2015-101	4	6	3.4	1.3		3.3	0.6	0.4	0.5	0.4	1.4	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/21/2018	29I12	PLEASANT AVE S	W 95th St	One-Way Directional	2015-101	0	0	40.0	0.4		4.4	0.4	0.5	2.6	0.4	3.6	Cast iron	Yes, less than 3" Gap				<Null>
5/21/2018	29I22-2	BLAISDELL AVE S	W 95TH ST	One-Way Directional	2009-101	5	5	1.0	3.0		6.9	2.0	3.2	5.1	2.1	0.4	Cast iron	Yes, less Yes				No
5/21/2018	29I22-1	BLAISDELL AVE S	W 95TH ST	One-Way Directional	2009-101	5	4	0.8	0.5		5.8	0.5	1.0	5.2	0.1	4.1	Cast iron	Yes, less Yes				Yes
5/21/2018	29I26-7	NICOLLET AVE S	W 95TH ST	Parallel	2015-101	5	4.5	0.1	0.3		4.8	0.5	0.7	1.3	0.4	3.1	Cast iron	Yes, less Yes				Yes
5/21/2018	29I26-6	NICOLLET AVE S	W 95TH ST	Perpendicular	2015-101						1.2	1.0	1.4	1.6	1.1	0.2	Cast iron	No, more Yes				No
5/21/2018	29I26-5	NICOLLET AVE S	W 95TH ST	Perpendicular	2015-101	6	6	0.6	0.8		3.7	0.7	1.1	2.9	0.6	1.8	Cast iron	Yes, less Yes				Yes
5/21/2018	29I26-4	NICOLLET AVE S	W 95TH ST	Perpendicular	2015-101	6	6	0.6	0.1		3.0	1.4	0.6	0.3	0.4	0.4	Cast iron	Yes, less Yes				Yes
5/21/2018	29I26-3	NICOLLET AVE S	W 95TH ST	Fan	2015-101						1.7	1.0	0.8	0.5	1.1	1.5	Cast iron	Yes, less Yes				Yes
5/21/2018	29I26-2	NICOLLET AVE S	W 95th St	Fan		5	4	3.4	1.1		8.2	0.1	0.2	1.8	0.4	6.7	None					No
5/21/2018	29I26-1	NICOLLET AVE S	W 95th S	One-Way Directional		6	7	0.1	0.9		0.3	1.2	0.6	5.2	2.0	3.0	None					No
5/21/2018	29I36-2	2ND AVE S	E 95TH ST	One-Way Directional	2011-102	5	4	1.3	1.0		3.7	2.9	1.9	1.4	1.5	3.2	Cast iron	No, more Yes				No
5/21/2018	29I36-1	2ND AVE S	E 95TH ST	One-Way Directional	2011-102	5	4	1.3	0.8		5.1	1.3	0.3	2.0	0.4	3.9	Cast iron	No, more Yes				Yes
5/21/2018	29I30	1ST AVE S	E 95TH ST	One-Way Directional	2011-102	6.5	4	0.5	0.3		3.8	2.6	0.4	2.8	1.5	3.5	Cast iron	No, more Yes				No
5/21/2018	29I29	1ST AVE S	E 95TH ST	One-Way Directional	2011-102	3.5	4	4.0	1.5		2.9	8.4	0.7	3.8	1.1	0.8	Cast iron	No, more Yes				No
5/21/2018	19Z26-4	NICOLLET AVE S	W 90TH ST	Combined Directional	2009-201	8	5	0.4	0.7		2.5	0.2	0.1	5.0	0.9	0.0	Cast iron	Yes, less Yes				Yes
5/21/2018	19Z26-3	NICOLLET AVE S	E 90TH ST	Combined Directional	2009-201	8.5	7	0.8	1.5		2.4	0.3	1.2	4.3	0.7	2.6	Cast iron	Yes, less Yes				Yes
5/21/2018	19Z26-1	NICOLLET AVE S	W 90TH ST	Combined Directional	2009-201	8	5	0.4	1.2		3.6	0.8	0.5	4.2	0.5	2.2	Cast iron	Yes, less Yes				Yes
5/21/2018	19Z26-2	NICOLLET AVE S	E 90TH ST	Combined Directional	2009-201	8	7.25	1.5	2.0		2.8	1.1	0.9	5.2	0.7	2.5	Cast iron	Yes, less Yes				Yes
5/21/2018	19Z29	1ST AVE S	E 90TH ST	One-Way Directional	2013-101	8	8	3.2	1.4		4.3	2.0	1.4	3.7	2.1	1.8	Cast iron	Yes, less Yes				Yes
5/21/2018	19Z30	1ST AVE S	E 90TH ST	One-Way Directional	2013-101	7	7.75	2.1	0.5		2.4	2.7	4.8	4.1	2.4	0.1	Cast iron	Yes, less Yes				No
5/18/2018	41Z26-2	HUMBOLDT AVE S	W 106TH ST	One-Way Directional	2014-102						2.2	1.1	0.4	0.8	1.1	1.1	Cast iron	Yes, less Yes				Yes
5/18/2018	41Z26-1	HUMBOLDT AVE S	W 106TH ST	One-Way Directional	2014-102						2.8	0.6	0.5	5.5	1.2	2.2	Cast iron	Yes, less Yes				Yes
5/18/2018	29Z094	GRAND AVE S	W OLD SHAKOPEE RD	Perpendicular	2010-102	5	5	1.5	0.5		2.4	0.1	0.3	1.8	0.0	2.7	Cast iron	Yes, less Yes				Yes
5/18/2018	29Y08-01	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	2010-102	6	4.5	0.9	2.0		2.5	0.6	1.1	3.7	0.4	0.9	Cast iron		Yes			<Null>
5/18/2018	29Y08-02	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	2010-102	6	4.5	0.9	2.0		2.5	0.6	1.1	3.7	0.4	0.9	Cast iron		Yes			<Null>
5/18/2018	29L04-01	GARFIELD AVE S	W 95th St	Perpendicular		5.4	5	0.0	4.1		2.4	0.1	1.6	1.6	2.0	0.2	Cast iron	Yes, less Yes				Yes
5/18/2018	29K05-02	GARFIELD AVE S	W 95th St	One-Way Directional		5.5	4	1.8	1.9		3.5	3.7	1.2	0.8	2.8	0.2	None					No
5/18/2018	29K04-02	GARFIELD AVE S	W 95th St	One-Way Directional		6	5	1.5	0.4		5.0	3.5	4.1	0.8	4.1	0.6	Exposed aggregate	Yes, less than 3" Gap				No
5/18/2018	10M27	WASHBURN AVE S	W 84TH ST	One-Way Directional	2010-102						1.9	1.8	1.1	1.8	1.7	2.1	Cast iron	Yes, less Yes				Yes
5/18/2018	10M28	WASHBURN AVE S	W 84TH ST	One-Way Directional	2010-102						4.8	1.5	1.3	6.2	0.6	3.2	Cast iron	Yes, less Yes				Yes
5/18/2018	10O14	ZENITH RD	W 84TH ST	One-Way Directional	2014-101	4	4	2.1	1.9		1.7	0.9	1.6	1.2	1.6	1.6	Cast iron	Yes, less Yes				Yes
5/18/2018	10N26	XERXES AVE S	W 84TH ST	One-Way Directional	2014-101	4.5	6.5	1.2	12.5		3.6	1.2	2.2	2.3	2.7	2.3	Cast iron	Yes, less Yes				Yes
5/18/2018	29V05-04	GARFIELD AVE S	W 97 1/2 ST	Tiered Perpendicular	2010-102	6	10.3	3.7	1.6		4.2	0.6	0.7	1.8	1.5	3.6	Cast iron	Yes, less Yes				Yes
5/18/2018	29V05-2	GARFIELD AVE S	W 97 1/2 ST	Perpendicular	2010-102						0.8	0.1	0.5	1.5	0.8	1.1	Cast iron	No, more Yes				No
5/18/2018	29V05-2	GARFIELD AVE S	W 97 1/2 ST	Perpendicular	2010-102						1.3	0.1	0.6	0.2	0.5	0.6	Cast iron	No, more Yes				No
5/18/2018	29V05-01	GARFIELD AVE S	W 97 1/2 ST	Tiered Perpendicular	2010-102	6	14	0.3	1.8		3.6	0.1	0.2	2.0	0.8	2.3	Cast iron	Yes, less Yes				Yes
5/18/2018	19Z46		E 90TH ST	Tiered Perpendicular		4	5.5	0.0	1.6		5.6	1.6	0.1	2.5	0.3	4.1	None					No
5/18/2018	19Z41	VALLEYVIEW PLAYFIELDS	E 90TH ST	Tiered Perpendicular	2010-102	4	6.3	0.5	0.4		5.9	0.2	3.5	0.1	0.0	3.8	Cast iron	Yes, less Yes				Yes
5/11/2018	19Z33	STEVENS AVE S	E 90TH ST	One-Way Directional	2010-102	4.5	4	4.2	4.7		3.5	1.1	2.8	2.1	1.9	1.5	Cast iron	Yes, less Yes				Yes
5/11/2018	19Z32	STEVENS AVE S	E 90TH ST	One-Way Directional	2010-102	4.5	4	5.6	4.9		2.9	1.8	0.4	1.1	0.5	0.7	Cast iron	Yes, less Yes				Yes
5/11/2018	19Z36	2ND AVE S	E 90TH ST	One-Way Directional	2010-102						1.6	1.9	0.2	2.1	0.4	0.9	Cast iron	Yes, less Yes				Yes
5/11/2018	19Z35	2ND AVE S	E 90TH ST	One-Way Directional	2010-102						3.9	1.9	0.4	2.1	0.2	1.6	Cast iron	Yes, less Yes				Yes
5/11/2018	19Z39-1	3RD AVE S	E 90TH ST	One-Way Directional	2010-102	5	4	1.3	0.2		5.6	0.0	0.5	1.3	0.7	2.9	Cast iron	No, more Yes				Yes
5/11/2018	19Z39-2	3RD AVE S	E 90TH ST	Perpendicular	2010-102						3.5	0.2	0.9	3.5	0.9	1.8	Cast iron	No, more Yes				No
5/11/2018	29I5	GARFIELD AVE S	W 95th St	Tiered Perpendicular	2010-102	5.4	4	4.9	0.5		4.4	0.5	1.9	1.9	1.1	2.6	Cast iron	Yes, less No, write exception				Yes
5/11/2018	29I4	GARFIELD AVE S	W 95th St	Tiered Perpendicular	2010-102	4.3	5	0.2	3.6		4.8	0.6	2.3	0.8	1.2	1.7	Cast iron	Yes, less No, write exception				Yes
5/11/2018	15W01-2	FRANCE AVE S	W 90TH ST	Perpendicular	2010-102	5.2	4.9	5.5	2.6		3.7	0.4	0.3	1.7	0.5	1.9	Cast iron	Yes, less Yes				Yes
5/11/2018	15W01-3	FRANCE AVE S	W 90TH ST	Perpendicular	2010-102	8	5.8	0.0	0.0		3.4	0.6	0.8	2.0	0.0	2.0	Cast iron	Yes, less Yes				Yes
5/11/2018	15X01-3	FRANCE AVE S	W 90TH ST	Perpendicular	2010-102	4.8	4.4	3.5	1.7		0.3	0.3	1.0	0.2	0.0	0.4	Cast iron	Yes, less Yes				Yes
5/11/2018	15X01-4	FRANCE AVE S	W 90TH ST	Perpendicular	2010-102	5.8	5.5	1.5	2.6		3.6	0.5	0.7	0.3	0.8	1.5	Cast iron	Yes, less Yes				Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
5/11/2018	15X01-2	FRANCE AVE S	W 90TH ST	Parallel	2010-102	4	4	0.1	1.0		5.8	0.5	0.3	3.4	0.2	2.3	Cast iron	Yes, less	Yes			Yes
5/11/2018	15X01-1	FRANCE AVE S	W 90TH ST	Tiered Perpendicular	2010-102	5.8	5.5	1.5	2.6		4.1	1.9	2.2	3.8	1.2	1.9	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z48	QUEEN AVE S	W 90TH ST	Combined Directional	2010-102						3.4	0.3	0.9	0.8	0.1	0.2	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z49	QUEEN AVE S	W 90TH ST	Combined Directional	2010-102	6	6	1.1	0.9		6.3	0.4	0.6	1.6	0.1	2.4	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z52-1	PENN AVE S	W 90TH ST	Tiered Perpendicular	2010-102	6	5.5	0.2	1.4		5.5	0.6	0.4	3.8	0.3	1.0	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z52-2	PENN AVE S	W 90TH ST	Perpendicular	2010-102						4.3	0.1	0.6	2.8	0.3	0.6	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z52-4	PENN AVE S	W 90TH ST	Perpendicular	2010-102						3.8	0.9	0.1	1.1	0.5	1.8	Cast iron	Yes, less	Yes			Yes
5/11/2018	15Z52-3	PENN AVE S	W 90TH ST	Perpendicular	2010-102						3.1	0.4	0.1	2.8	0.4	0.0	Cast iron	Yes, less	Yes			Yes
5/11/2018	16A52	PENN AVE S	W 90TH ST	Perpendicular	2010-102						3.5	0.6	1.0	2.2	0.6	1.4	Cast iron	Yes, less	No, write exception			Yes
5/9/2018	15W05	TRETBAUGH DR	W 90TH ST	One-Way Directional	2010-102						1.2	2.0	0.4	3.0	0.9	0.5	Cast iron	Yes, less	Yes			Yes
5/9/2018	15W06	TRETBAUGH DR	W 90TH ST	One-Way Directional	2010-102						0.2	1.1	0.4	2.1	0.4	0.2	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z13	BEARD AVE S	W 90TH ST	One-Way Directional	2010-102						0.4	1.6	1.1	2.9	1.7	2.4	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z14	BEARD AVE S	W 90TH ST	Perpendicular	2010-102						3.8	0.4	2.2	3.0	2.0	0.4	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z29	YORK RD	W 90TH ST	One-Way Directional	2010-102			6.0			5.0	1.2	0.1	0.2	0.0	2.6	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z30	YORK RD	W 90TH ST	One-Way Directional	2010-102						5.0	1.6	0.6	5.8	0.7	1.6	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z46-1	VINCENT PL	W 90TH ST	Perpendicular	2010-102						4.5	0.3	0.2	0.9	0.1	1.3	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z46-2	VINVENT PL	W 90TH ST	Perpendicular	2010-102						0.1	0.1			0.5	2.1	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z45-2	VINVENT PL	W 90TH ST	Perpendicular	2010-102	5	5	0.5	8.9		1.0	0.2		1.4	0.9	2.2	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z31-1	XERXES AVE S	W 90TH ST	Perpendicular	2010-102						3.7	0.4	0.4	2.7	1.7	3.1	Cast iron	Yes, less	Yes			Yes
5/8/2018	15Z29	XERXES AVE S	W 90TH ST	Perpendicular	2010-102	4.5	5	1.5	4.6		4.6	0.6	1.4	0.7	1.5	0.8	Cast iron	Yes, less	Yes			Yes
5/8/2018	16A29	WASHBURN CIR	W 90TH ST	One-Way Directional	2010-102						5.0	1.2	2.3	4.0	1.1	0.2	Cast iron	Yes, less	Yes			Yes
5/8/2018	16A30	WASHBURN CIR	W 90TH ST	One-Way Directional	2010-102						3.2	1.8	0.3	6.8	0.9	3.4	Cast iron	No, more	Yes			No
5/8/2018	16A31-1	XERXES AVE S	W 90TH ST	Perpendicular	2010-102						3.8	0.8	1.2	2.3	1.2	2.8	Cast iron	Yes, less	Yes			Yes
5/8/2018	16A45	VINCENT AVE S	W 90TH ST	One-Way Directional	2010-102						4.4	0.4	2.8	4.4	3.0	3.8	Cast iron	Yes, less	Yes			Yes
5/8/2018	16A46	VINCENT AVE S	W 90TH ST	One-Way Directional	2010-102						4.0	0.3	2.9	3.4	2.4	3.7	Cast iron	Yes, less	Yes			Yes
5/7/2018	74A04	OREGON AVE S	W 106TH ST	Perpendicular	2010-102						2.1	0.0	0.4	1.6	1.5	1.8	Cast iron	No, more	Yes			Yes
5/7/2018	74A03	OREGON AVE S	W 106TH ST	Perpendicular	2010-102						1.3	0.9	0.9	1.5	1.3	1.8	Cast iron	Yes, less	Yes			Yes
5/7/2018	74A08	MARLAND AVE S	W 106TH ST	Perpendicular	2010-102						1.6	1.8	0.8	2.1	0.7	2.9	Cast iron	Yes, less	Yes			Yes
5/7/2018	74A09	MARLAND AVE S	W 106TH ST	Perpendicular	2010-102						3.9	1.2	0.1	3.4	1.4	0.7	Cast iron	Yes, less	Yes			Yes
5/7/2018	17Z52-1	LYNDALE AVE S	W 90TH ST	Perpendicular		8	6	0.3	1.1		7.2	0.2	1.1	2.8	0.5	4.9	Cast iron	Yes, less	Yes			Yes
5/7/2018	17Z00-1	PENN AVE S	W 90TH ST		2013-101						1.7	1.5	0.3	2.3	1.0	1.9	Cast iron					No
5/7/2018	17Z00-2	PENN AVE S	W 90TH ST		2013-101						2.7	0.0	1.4	0.8	1.4	1.9	Cast iron					No
5/7/2018	18A00	PENN AVE S	W 90TH ST		2013-101						1.6	3.4	3.1	2.4	2.1	2.2	Cast iron					No
3/29/2018	29G01	LYNDALE AVE S	W 95TH ST	One-Way Directional	2010-101	4.5	3.6	1.5	1.5		4.1	0.9	6.2	0.5	0.9	4.5	Cast iron	Yes, less	Yes			No
3/29/2018	29I01	LYNDALE AVE S	W 95TH ST	Perpendicular	2010-101	7.5	4	2.3	4.8		5.5	1.8	8.4	0.8	1.0	2.2	Cast iron	No, more	No, reconstruct to correct			No
10/25/2017	35B39		W 94TH ST	One-Way Directional		5	7.5	3.3	5.4		6.2	2.1	2.7	7.9	1.0	1.7	None					No
10/24/2017	12N21		W 84TH ST	Perpendicular		5	5	1.0	2.8		11.5	1.6	2.1	0.1	2.3	4.1	Tyned	Yes, less	than 3" Gap			No
10/24/2017	12M21		W 84TH ST	Perpendicular		5	5	3.0	6.3		12.4	2.6	3.5	3.5	1.8	3.7	None					No
10/24/2017	12Q20	PALMER AVE S		Perpendicular		6	6	2.8	2.4		10.2	1.2	3.0	4.2	1.9	6.4	None					No
10/24/2017	12N3	NORMANDALE SERVICE RD	W 84TH ST	Perpendicular							4.2	0.8	0.4	3.2	0.5	5.3	None					No
10/24/2017	12N1-1	NORMANDALE BLVD	W 84TH ST	Perpendicular							2.3	0.2	1.0	7.7	0.7	3.5	None					No
10/24/2017	12N1-2	NORMANDALE BLVD	W 84TH ST	Perpendicular		5	10	1.3	3.6		8.5	0.0	0.9	5.9	0.6	0.1	None					No
10/24/2017	12N0	NORMANDALE BLVD	W 84TH ST	Fan							2.4	1.8	2.0	5.4	1.8	0.4	None					No
10/24/2017	12M0	NORMANDALE BLVD	W 84TH ST	One-Way Directional		4	9	0.1	0.8		10.1	1.0	1.0	2.1	0.1	0.5	None					No
10/24/2017	12M1-1	NORMANDALE BLVD	W 84TH ST	Perpendicular		5	6.5	2.3	4.2		6.9	2.6	2.3	5.3	2.4	2.2	None					No
10/24/2017	12M9-1	STANLEY RD	W 84TH ST	Perpendicular	2009-302	5	5	1.0	4.6		13.6	0.3	1.5	6.5	2.5	0.6	Cast iron	Yes, less	Yes			No
10/24/2017	12M9-2	STANLEY RD	W 84TH ST	Perpendicular	2009-302						3.8	0.5	0.0	1.0	0.5	0.2	Cast iron	Yes, less	Yes			Yes
10/24/2017	12M9-4	STANLEY RD	W 84TH ST	Perpendicular	2009-302						3.6	1.1	1.3	2.4	0.1	1.7	Cast iron	Yes, less	Yes			Yes
10/24/2017	12M9-3	STANLEY RD	W 84TH ST	Perpendicular	2009-302						3.8	0.3	0.3	1.8	0.0	0.5	Cast iron	Yes, less	Yes			Yes
10/24/2017	12N9-1	STANLEY AVE S	W 84TH ST	Perpendicular	2009-302						3.8	1.5	0.3	5.6	0.4	4.3	Cast iron	Yes, less	No, write exception			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/24/2017	12N9-2	STANLEY AVE S	W 84TH ST	Perpendicular	2009-302						3.3	1.4	0.5	4.6	2.2	3.7	Cast iron	Yes, less	Yes			Yes
10/24/2017	12M10	STANLEY RD	W 84TH ST	Perpendicular	2009-302	5	5	1.8	1.7		7.8	1.9	4.3	7.4	2.7	1.8	Cast iron	Yes, less	No, write exception		Yes	
10/24/2017	12N10-1	STANLEY AVE S	W 84TH ST	Perpendicular	2009-302						0.3	0.0	1.5	4.0	2.7	5.8	Cast iron	Yes, less	No, write exception		Yes	
10/24/2017	12N10-2	STANLEY AVE S	W 84TH ST	Perpendicular	2009-302						2.5	3.8	3.0	2.4	2.2	2.2	Cast iron	Yes, less	Yes			No
10/23/2017	12N42	IRWIN RD	W 84TH ST	Perpendicular		4	4	1.9	9.3		13.6	2.9	5.2	10.1	2.1	4.4	None					No
10/23/2017	12N42	IRWIN RD	W 84TH ST	Perpendicular							3.9	0.2	1.8	6.4	1.4	6.4	None					No
10/23/2017	12N36	KELL AVE S	W 84TH ST	Perpendicular		5.5	4	3.4	1.7		7.4	1.9	1.5	3.1	1.5	3.6	Tyned	Yes, less	than 3" Gap		No	
10/23/2017	12N37	KELL AVE S	W 84TH ST	Perpendicular		6.5	4	1.6	1.8		10.2	1.4	2.8	8.1	1.6	5.4	None					No
10/23/2017	12N29	MORRIS AVE S	W 84TH ST	Perpendicular		7	3.5	2.0	1.3		7.9	5.0	3.8	6.3	2.2	4.4	None					No
10/23/2017	12N28	MORRIS AVE S	W 84TH ST	Perpendicular		5	5	1.8	0.4		5.9	1.9	2.9	1.9	2.2	1.9	Tyned	Yes, less	than 3" Gap		No	
10/23/2017	12N17	QUINN AVE S	W 84TH ST	Perpendicular	2009-102						3.7	0.9	1.1	0.9	1.2	3.3	Cast iron	Yes, less	Yes			Yes
10/23/2017	12N16	QUINN AVE S	W 84TH ST	Perpendicular	2009-102						4.5	1.3	0.2	2.7	1.6	3.8	Cast iron	Yes, less	Yes			Yes
10/23/2017	12N13	RICH AVE S	W 84TH ST	Perpendicular	2009-102						4.5	2.0	0.6	3.4	1.3	4.4	Cast iron	Yes, less	Yes			Yes
10/23/2017	12N12	RICH AVE S	W 84TH ST	Perpendicular	2009-102						4.0	0.9	0.6	4.7	0.4	0.0	Cast iron	Yes, less	Yes			Yes
10/23/2017	12M40	JOHNSON AVE S	W 84TH ST	Perpendicular	2008-101						2.3	1.7	2.3	2.1	2.6	4.0	Cast iron	Yes, less	Yes			Yes
10/23/2017	12M39	JOHNSON AVE S	W 84TH ST	Perpendicular	2008-101	5.5	4	1.5	4.0		10.2	1.6	0.1	1.7	0.2	5.8	Cast iron	Yes, less	No, reconstruct to correct		No	
10/23/2017	12M46	HARRISON RD	W 84TH ST	Perpendicular	2008-102						1.2	0.2	0.1	3.5	0.3	5.6	Cast iron	Yes, less	Yes			Yes
10/23/2017	12M47	HARRISON RD	W 84TH ST	Perpendicular	2008-102	5	4	1.3	2.6		7.7	0.1	2.6	2.2	1.1	0.9	Cast iron	Yes, less	Yes			No
10/23/2017	12M16	QUINN AVE S	W 84TH ST	Perpendicular		6	5	3.5	2.3		9.9	4.7	3.0	1.2	3.0	3.6	None					No
10/23/2017	12M17	QUINN AVE S	W 84TH ST	Perpendicular		5	5	0.1	2.3		7.8	0.9	1.1	3.0	1.3	0.1	Cast iron	Yes, less	No, reconstruct to correct		No	
10/23/2017	12M25	OXBOROUGH AVE S	W 84TH ST	Perpendicular		5.5	4	0.8	4.2		14.2	5.4	2.1	7.5	0.1	1.1	None					No
10/23/2017	12M24	OXBOROUGH AVE S	W 84TH ST	Perpendicular		6	4.5	2.5	0.8		2.2	10.0	1.7	2.6	0.0	2.9	None					No
10/20/2017	12M29	MORRIS RD	W 84TH ST	Perpendicular	2008-101	4	6	0.2	1.9		7.7	1.5	2.6	1.3	2.0	0.9	Cast iron	Yes, less	No, write exception		Yes	
10/20/2017	12M28	MORRIS RD	W 84TH ST	Perpendicular	2008-101	4	4	0.5	1.4		11.1	0.1	3.1	4.8	1.4	3.4	Cast iron	Yes, less	No, reconstruct to correct		No	
10/20/2017	12M32	LITTLE RD	W 84TH ST	Perpendicular	2008-101						2.0	2.0	1.9	1.6	2.8	1.7	Cast iron	Yes, less	No, write exception		Yes	
10/20/2017	12M31	LITTLE RD	W 84TH ST	Perpendicular	2008-101						4.1	0.4	2.0	2.9	2.1	0.2	Cast iron	Yes, less	Yes			Yes
10/20/2017	12N19	PALMER AVE S	W 84TH ST	Perpendicular		6.5	5	1.8	3.0		5.5	3.4	1.7	1.5	1.3	1.5	Tyned	Yes, less	than 3" Gap		No	
10/20/2017	12N20	PALMER AVE S	W 84TH ST	Perpendicular		5	5	2.2	5.6		9.1	2.4	1.9	2.8	1.6	1.9	Tyned	No, more	than 3" Gap		No	
10/20/2017	12C12-2	STANLEY RD	W 82ND ST	Perpendicular	DEV	4.5	5.5	2.8	0.6		6.1	3.1	1.7	6.4	1.6	1.0	Cast iron	Yes, less	Yes			No
10/20/2017	12C12-1	STANLEY RD	W 82ND ST	Perpendicular	DEV	6.5	8	1.9	2.9		8.1	1.2	0.8	0.7	0.8	1.0	Cast iron	No, more	Yes			No
10/20/2017	35Y44-1	COLLEGEVIEW RD	W 98TH ST	Perpendicular	2014-102						4.1	1.6	1.6	4.8	3.6	1.8	Cast iron	Yes, less	Yes			Yes
10/18/2017	3H39	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular		4.5	5	0.7	3.1		4.7	1.9	1.0	7.3	0.6	1.7	Cast iron	Yes, less	No, write exception		No	
10/18/2017	3H30	13TH AVE S	AMERICAN BLVD E	Perpendicular	2008-102	8	8	1.2	1.9		7.8	0.7	0.6	7.8	0.1	1.9	Cast iron	Yes, less	No, write exception		Yes	
10/18/2017	5J25	NICOLLET AVE S	AMERICAN BLVD W	Perpendicular	2005-201						1.3	0.5	0.4	8.2	0.1	1.9	Cast iron	Yes, less	No, write exception		Yes	
10/12/2017	12S29	MORRIS AVE S	NORD RD	Perpendicular	2010-601						0.3	0.2	0.6	5.9	1.8	4.0	Cast iron	Yes, less	Yes			Yes
10/12/2017	35S7	TOLEDO RD	TOLEDO CIR	One-Way Directional	2007-102	5	4	1.6	1.7		6.8	0.1	3.4	2.6	0.5	2.6	Cast iron	Yes, less	than 3" Gap		Yes	
10/12/2017	35R7	TOLEDO RD	TOLEDO CIR	Perpendicular	2007-102						5.0	1.1	0.4	2.5	0.5	1.1	Cast iron	Yes, less	No, write exception		Yes	
10/12/2017	35N17	RICH RD	W 96TH ST	Perpendicular	2007-102						3.4	0.3	1.8	7.2	1.0	2.5	Cast iron	Yes, less	No, write exception		Yes	
10/12/2017	35O17	RICH RD	W 96TH ST	Perpendicular	2007-102	4.5	4	2.8	1.3		11.1	0.7	1.3	7.4	0.6	1.5	Cast iron	Yes, less	No, reconstruct to correct		No	
10/12/2017	35O8	TOLEDO RD	W 96TH ST	Perpendicular	2007-102						2.6	3.3	4.0	4.6	4.1	4.9	Cast iron	Yes, less	Yes			No
10/12/2017	35N8	TOLEDO RD	W 96TH ST	Perpendicular	2007-102	4	4	2.5	5.4		6.4	2.9	5.7	6.7	4.0	3.2	Cast iron	Yes, less	Yes			No
10/12/2017	35O7	TOLEDO RD	W 96TH ST	Perpendicular	2007-102						4.6	3.6	2.9	5.8	2.8	2.8	Cast iron	Yes, less	Yes			No
10/12/2017	35O3	UTICA RD	W 96TH ST	Perpendicular	2007-102	5	4	1.8	1.4		6.2	1.3	1.9	1.3	1.1	4.9	Cast iron	Yes, less	Yes			Yes
10/12/2017	35N3	UTICA RD	W 96TH ST	Perpendicular	2007-102	6.5	4	3.6	2.0		7.6	0.2	1.2	1.6	1.8	2.9	Cast iron	Yes, less	Yes			No
10/12/2017	35O2	UTICA RD	W 96TH ST	Perpendicular	2007-102						4.9	0.8	2.4	5.6	1.5	8.6	Cast iron	Yes, less	Yes			Yes
10/12/2017	35U3	UTICA RD	UTICA CIR	Perpendicular	2007-102	13	4	0.1	4.2		12.0	3.3	36.0	6.2	1.9	2.8	Cast iron	Yes, less	No, reconstruct to correct		No	
10/12/2017	35V3	UTICA RD	UTICA CIR	Perpendicular	2007-102	5	4	2.8	0.5		9.0	2.1	0.6	5.0	0.4	3.9	Cast iron	Yes, less	No, reconstruct to correct		No	
10/11/2017	35X8	TOLEDO RD	UTICA RD	Perpendicular	2007-102	5	4	4.2	3.6		5.9	1.6	2.6	16.9	0.0	2.3	Cast iron	Yes, less	No, reconstruct to correct		No	
10/11/2017	35X7	TOLEDO RD	UTICA RD	Perpendicular	2007-102						2.4	0.5	0.8	3.7	0.0	4.1	Cast iron	Yes, less	No, write exception		Yes	
10/11/2017	35B42		W 94TH ST	Perpendicular							4.6	4.1	5.9	2.2	4.9	3.1	Cast iron	Yes, less	No, reconstruct to correct		No	

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/11/2017	35A42		W 94TH ST	Perpendicular		5.5	11.5	1.4	4.7		13.0	0.4	0.1	2.3	0.5	4.6	None					No
10/11/2017	5J48		AMERICAN BLVD E	Perpendicular	1998-201						4.7	2.0	1.1	6.9	0.8	0.7	Exposed aggregate	Yes, less	Yes			Yes
10/11/2017	5J49		AMERICAN BLVD E	Perpendicular	1998-201						4.2	4.0	1.6	0.3	2.0	0.5	Exposed aggregate	Yes, less	Yes			No
10/11/2017	5J46-4		AMERICAN BLVD E	Perpendicular	1998-201	8	8	0.8	2.0		5.8	1.1	0.7	1.7	0.2	0.9	Exposed aggregate	Yes, less	Yes			Yes
10/11/2017	5J46-3		AMERICAN BLVD E	Perpendicular	1998-201						3.7	1.1	1.6	2.4	0.1	0.5	Exposed aggregate	Yes, less	Yes			Yes
10/11/2017	5J46-2	4TH AVE S	E 79 1/2 ST	Perpendicular	1998-201						3.8	0.9	0.7	4.8	0.6	2.2	Exposed aggregate	No, more	Yes			No
10/11/2017	5Y43	CLINTON AVE S	E 82ND ST	Perpendicular	2010-101						4.5	0.5	0.1	9.0	0.8	5.8	Cast iron	Yes, less	Yes			Yes
10/11/2017	5Y42	CLINTON AVE S	E 82ND ST	Perpendicular	2010-102						3.9	1.9	0.2	3.6	0.2	4.1	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y39-2	3RD AVE S	E 82ND ST	Perpendicular	2010-102						4.6	1.3	0.4	5.6	0.6	4.7	Cast iron	Yes, less	No, write exception			Yes
10/10/2017	5Y39-1	3RD AVE S	E 82ND ST	Perpendicular	2010-102						5.0	1.9	2.3	4.2	0.6	4.5	Cast iron	Yes, less	No, write exception			Yes
10/10/2017	5Y36	2ND AVE S	E 82ND ST	Perpendicular	2010-101	5	4	2.7	1.9		7.6	1.2	3.4	8.5	1.2	6.5	Cast iron	Yes, less	No, reconstruct to correct			No
10/10/2017	5Y35	2ND AVE S	E 82ND ST	Perpendicular	2010-101						0.9	0.7	2.7	12.0	0.8	3.8	Cast iron	Yes, less	No, write exception			No
10/10/2017	5Y33	STEVENS AVE S	E 82ND ST	Perpendicular	2013-102	5	4	1.8	2.4		6.5	1.6	0.5	5.8	1.6	6.3	Cast iron	Yes, less	Yes			No
10/10/2017	5Y32	STEVENS AVE S	E 82ND ST	Perpendicular	2013-102						1.5	1.6	0.1	5.8	0.0	4.5	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y30	1ST AVE S	E 82ND ST	One-Way Directional	2013-102						1.3	0.0	0.8	5.4	0.7	6.1	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y29	1ST AVE S	E 82ND ST	One-Way Directional	2013-102						4.1	0.6	2.5	5.8	1.7	3.3	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y25-2	NICOLLET AVE S	W 82ND ST	Perpendicular	2013-102						3.9	1.5	0.3	13.8	0.1	1.1	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y25-1	NICOLLET AVE S	W 82ND ST	Perpendicular	2013-102						2.3	1.9	0.9	9.4	1.4	4.0	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Z25-1	NICOLLET AVE S	W 82ND ST	Perpendicular	2013-102						0.6	2.0	0.3	2.2	0.2	2.8	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Z25-2	NICOLLET AVE S	W 82ND ST	Perpendicular	2013-102						1.1	0.9	0.1	0.3	0.2	3.4	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Z26-2	NICOLLET AVE S	E 82ND ST	Perpendicular	2013-102						2.1	0.7	0.7	3.7	0.7	3.7	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Z26-1	NICOLLET AVE S	E 82ND ST	Perpendicular	2013-102						3.8	0.7	0.7	1.3	0.7	1.3	Cast iron	Yes, less	Yes			Yes
10/10/2017	5Y26-1	NICOLLET AVE S	E 82ND ST	Perpendicular	2013-102						0.3	0.6	0.3	0.4	0.6	3.4	Cast iron	Yes, less	No, write exception			Yes
10/10/2017	5Y26-2	NICOLLET AVE S	E 82ND ST	Perpendicular	2013-102						0.4	2.0	1.9	4.0	0.3	1.5	Cast iron	Yes, less	Yes			Yes
10/10/2017	5J40		AMERICAN BLVD E	Perpendicular	1998-201	6	6	3.9	0.2		6.2	1.2	1.6	0.2	2.6	5.9	Exposed aggregate	Yes, less	No, reconstruct to correct			No
10/10/2017	5J39		AMERICAN BLVD E	Perpendicular	1998-201	6	6	0.6	1.2		6.5	0.4	3.1	4.6	0.7	1.0	Exposed aggregate	Yes, less	No, write exception			Yes
10/10/2017	5I31		AMERICAN BLVD E	Perpendicular	1998-201						4.8	4.6	6.9	6.4	6.1	5.3	Exposed aggregate	Yes, less	Yes			No
10/10/2017	5I30		AMERICAN BLVD E	Perpendicular	1998-201						4.7	8.1	6.7	5.2	7.8	3.1	Exposed aggregate	Yes, less	Yes			No
10/10/2017	5H40		AMERICAN BLVD E	Perpendicular	1998-201	5	5	1.3	3.5		7.9	0.9	1.2	4.8	1.5	1.9	Exposed aggregate	Yes, less	Yes			No
10/10/2017	5H40		AMERICAN BLVD E	Perpendicular	1998-201	5.5	6	1.5	1.6		7.3	1.1	0.1	0.2	1.4	0.8	Exposed aggregate	Yes, less	Yes			Yes
10/10/2017	5H45		AMERICAN BLVD E	Perpendicular	1998-201	5	5	2.0	2.3		5.6	1.1	2.3	3.9	3.3	2.8	Exposed aggregate	Yes, less	Yes			No
10/10/2017	5H44		AMERICAN BLVD E	Perpendicular	1998-201	5	6	1.8	1.5		5.6	2.0	1.3	1.0	2.5	0.2	Exposed aggregate	Yes, less	Yes			Yes
10/10/2017	5H47	5TH AVE S	AMERICAN BLVD E	Perpendicular	1998-201	4	4	1.5	1.9		6.2	1.8	3.7	0.2	2.8	0.7	Exposed aggregate	Yes, less	Yes			Yes
10/10/2017	5H47	5TH AVE S	AMERICAN BLVD E	Perpendicular	1998-201	4	6	1.9	1.4		8.8	0.1	0.5	1.4	1.0	1.6	Exposed aggregate	Yes, less	Yes			No
10/10/2017	5y48	5TH AVE S	E 82ND ST	Perpendicular	2010-102						1.8	1.2	2.2	3.6	0.3	6.5	Cast iron	Yes, less	Yes			Yes
10/10/2017	5y49	5TH AVE S	E 82ND ST	One-Way Directional	2010-102	5	4	1.6	0.6		7.2	0.8	0.4	7.2	0.9	4.8	Cast iron	Yes, less	Yes			Yes
10/10/2017	5y13	PLEASANT AVE S	W 82ND ST	One-Way Directional	2009-102						4.1	0.0	3.7	2.8	1.7	7.8	Cast iron	Yes, less	than 3" Gap			Yes
10/3/2017	5y16	PILLSBURY AVE S	W 82ND ST	One-Way Directional	2013-102						4.5	1.2	2.2	5.5	2.3	4.2	Cast iron	Yes, less	Yes			Yes
10/3/2017	5y15	PILLSBURY AVE S	W 82ND ST	One-Way Directional	2013-102						0.0	2.0	0.6	2.3	1.1	6.1	Cast iron	Yes, less	Yes			Yes
10/3/2017	5z20-2	WENTWORTH AVE S	W 82ND ST	One-Way Directional	2013-102						2.6	1.1	1.2	6.4	2.3	3.5	Cast iron	Yes, less	Yes			Yes
10/3/2017	5z19-2	WENTWORTH AVE S	W 82ND ST	One-Way Directional	2013-102						1.0	0.5	0.9	7.8	0.1	6.2	Cast iron	Yes, less	Yes			Yes
10/3/2017	5z22-2	BLAISDELL AVE S	W 82ND ST	One-Way Directional	2013-102						1.2	1.8	1.4	9.1	1.3	2.9	Cast iron	Yes, less	Yes			Yes
10/3/2017	5z21-2	BLAISDELL AVE S	W 82ND ST	One-Way Directional	2013-102						0.2	0.3	0.6	5.4	1.1	4.3	Cast iron	Yes, less	Yes			Yes
8/25/2017	5j42	CLINTON AVE S	E 79 1/2 ST	Perpendicular	1998-201						2.1	0.2	0.1	7.2	0.3	2.1	Exposed aggregate	No, more	Yes			No
8/25/2017	5z49-2	5TH AVE S	E 82ND ST	Perpendicular	2010-102	5.5	4	4.5	1.0		7.8	0.5	0.4	3.5	1.2	3.3	Cast iron	Yes, less	Yes			No
8/25/2017	5z49-1	5TH AVE S	E 82ND ST	Perpendicular	2010-102						2.4	1.6	0.5	6.2	0.7	6.6	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z43	CLINTON AVE S	E 82ND ST	Perpendicular	2010-102	4	4	4.9	3.8		5.8	6.4	1.3	3.2	0.0	8.6	Cast iron	Yes, less	Yes			No
8/25/2017	5z42	CLINTON AVE S	E 82ND ST	Perpendicular	2010-102	4.5	4	1.7	1.0		7.2	4.1	1.8	3.6	0.8	3.0	Cast iron	Yes, less	Yes			No
8/25/2017	5z39-2	3RD AVE S	E 82ND ST	Perpendicular	2010-102	4.5	4.5	4.4	4.2		9.3	0.5	0.5		0.2	6.5	Cast iron	No, more	No, reconstruct to correct			No
8/25/2017	5z39-1	3RD AVE S	E 82ND ST	Perpendicular	2010-102	4.4	4	4.0	1.9		6.9	3.3	2.0	4.2	2.3	5.4	Cast iron	Yes, less	No, reconstruct to correct			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/25/2017	5z36	2ND AVE S	E 82ND ST	Perpendicular	2013-101	5	4	2.0	1.2		5.6	0.9	0.7	13.2	1.5	5.0	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z35	2ND AVE S	E 82ND ST	Perpendicular	2013-101						2.8	1.0	4.9	7.1	1.3	4.6	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z33	STEVENS AVE S	E 82ND ST	One-Way Directional	2013-102	5.5	4	1.6	0.0		6.3	1.9	0.9	3.4	0.6	7.1	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z32	STEVENS AVE S	E 82ND ST	One-Way Directional	2013-102						3.4	5.0	0.1	16.4	0.5	3.8	Cast iron	Yes, less	Yes			No
8/25/2017	5z30	1ST AVE S	E 82ND ST	One-Way Directional	2013-102						4.4	4.1	1.9	10.0	1.0	6.1	Cast iron	Yes, less	Yes			No
8/25/2017	5z29	1ST AVE S	E 82ND ST	One-Way Directional	2013-102	4	4	3.0	3.0		5.6	2.9	0.6	11.1	1.0	5.1	Cast iron	Yes, less	Yes			No
8/25/2017	5z22	BLAISDELL AVE S	W 82ND ST	One-Way Directional	2013-102						0.0	2.0	0.3	2.8	0.5	5.3	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z21	BLAISDELL AVE S	W 82ND ST	One-Way Directional	2013-102						1.9	0.5	0.3	13.6	1.2	4.2	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z19	WENTWORTH AVE S	W 82ND ST	One-Way Directional	2013-102						0.7	0.7	1.0	5.7	0.4	4.8	Cast iron	Yes, less	Yes			Yes
8/25/2017	5z20	WENTWORTH AVE S	W 82ND ST	One-Way Directional	2013-102						2.0	1.7	1.4	5.2	1.6	2.9	Cast iron	No, more	Yes			No
8/24/2017	5z13-2	PLEASANT AVE S	W 82ND ST	One-Way Directional	2009-102	5	5	7.1	0.3		12.6	4.1	3.8	4.8	2.2	8.4	Cast iron	Yes, less	No, reconstruct to correct			No
8/24/2017	5z13-1	PLEASANT AVE S	W 82ND ST	Perpendicular	2009-102						4.9	0.5	3.5	1.2	2.4	1.7	Cast iron	Yes, less	Yes			Yes
8/24/2017	5z9	GRAND AVE S	W 82ND ST	One-Way Directional	2009-102	4.5	5	0.1	0.1		6.2	0.6	0.5	5.9	0.1	5.9	Cast iron	Yes, less	than 3" Gap			Yes
8/24/2017	5z10	GRAND AVE S	W 82ND ST	One-Way Directional	2009-102	4	5	3.3	0.4		12.5	1.1	0.0	7.4	2.4	8.4	Cast iron	No, more	No, reconstruct to correct			No
8/24/2017	5z6	HARRIET AVE S	W 82ND ST	One-Way Directional	2009-102						4.0	1.7	0.1	2.8	0.7	5.4	Cast iron	Yes, less	than 3" Gap			Yes
8/24/2017	5z7	HARRIET AVE S	W 82ND ST	One-Way Directional	2009-102						4.6	0.5	2.1	6.6	3.4	3.3	Cast iron	Yes, less	than 3" Gap			Yes
8/24/2017	5z2	GARFIELD AVE S	W 82ND ST	One-Way Directional	2011-101	4.5	4	4.3	6.9		8.0	4.2	1.7	9.6	2.3	2.2	Cast iron	Yes, less	Yes			No
8/24/2017	5z3	GARFIELD AVE S	W 82ND ST	One-Way Directional	2011-101						0.8	2.0	1.7	12.2	0.8	5.2	Cast iron	Yes, less	Yes			Yes
8/24/2017	5z15	PILLSBURY AVE S	W 82ND ST	One-Way Directional	2013-102						1.6	0.6	1.1	3.5	1.0	4.3	Cast iron	Yes, less	Yes			Yes
8/24/2017	5z16	PILLSBURY AVE S	W 82ND ST	One-Way Directional	2013-102						4.3	0.2	4.4	6.4	2.6	3.5	Cast iron	Yes, less	Yes			Yes
8/17/2017	5J35	2ND AVE S	E 79 1/2 ST	Perpendicular	1998-201						0.9	1.7	0.5	4.7	0.5	0.8	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/16/2017	5K30	1ST AVE S	AMERICAN BLVD E	Perpendicular	2010-102	4	8.5	1.9	1.9		8.1	2.6	0.8	6.7	0.2	4.2	Cast iron	Yes, less	Yes			No
8/16/2017	5K29	1ST AVE S	AMERICAN BLVD E	Perpendicular	2010-102	6.5	8.5	0.6	6.3		8.9	1.9	2.1	5.7	1.9	1.6	Cast iron	Yes, less	Yes			No
8/16/2017	5H35	2ND AVE S	AMERICAN BLVD E	One-Way Directional	1998-201	6	6	3.8	1.9		7.6	0.8	1.9	9.3	1.4	1.1	Exposed aggregate	Yes, less	than 3" Gap			No
8/16/2017	5H36	2ND AVE S	AMERICAN BLVD E	One-Way Directional	1998-201	7	6	0.5	1.7		6.6	1.1	1.4	8.1	0.8	1.6	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/16/2017	5F35	2ND AVE S	E 78TH ST	Perpendicular		5	5	1.2	5.8		7.5	1.2	1.2	4.0	1.2	2.6	Tyned	No, more	No, reconstruct to correct			No
8/16/2017	5D36	2ND AVE S	E 78TH ST	Perpendicular		5.5	6	0.2	3.3		9.7	1.3	3.0	2.9	1.8	3.9	None	No, more	No, reconstruct to correct			No
8/16/2017	5D35	2ND AVE S	E 78TH ST	Perpendicular							3.5	1.4	2.3	2.0	1.8	2.0	Tyned	Yes, less	No, reconstruct to correct			No
8/16/2017	5D26	NICOLLET AVE S	E 78TH ST	One-Way Directional	2008-103						3.5	1.1	2.6	5.9	1.9	0.1	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/16/2017	5.00E+25	NICOLLET AVE S	W 78TH ST	Perpendicular	COUNTY						0.2	1.6	0.9	0.3	1.2	2.7	Cast iron	Yes, less	Yes			Yes
8/16/2017	5D25	NICOLLET AVE S	W 78TH ST	One-Way Directional	COUNTY						0.8	0.7	1.6	1.0	3.0	1.9	Cast iron	Yes, less	Yes			Yes
8/16/2017	5C25-2	NICOLLET AVE S	W 78TH ST	Fan	COUNTY						0.3	2.0	0.3	2.6	2.1	1.6	Cast iron	Yes, less	Yes			Yes
8/16/2017	5C25-1	NICOLLET AVE S	W 78TH ST	One-Way Directional	COUNTY	6	5	1.1	1.3		6.2	1.0	1.4	1.5	1.5	1.6	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/16/2017	5C26-1	NICOLLET AVE S	E 78TH ST	One-Way Directional	COUNTY	5	7	0.6	1.6		6.3	0.2	1.1	2.0	1.2	2.2	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/16/2017	5C26-2	NICOLLET AVE S	E 78TH ST	Fan	COUNTY						0.4	1.4	1.7	2.7	2.0	2.4	Cast iron	Yes, less	Yes			Yes
8/16/2017	5.00E+26	NICOLLET AVE S	E 78TH ST	Perpendicular	2008-103	4	5	0.3	1.3		5.4	1.4	1.6	2.0	2.1	2.2	Cast iron	Yes, less	Yes			Yes
8/16/2017	5J26-4	NICOLLET AVE S	AMERICAN BLVD E	Combined Directional	COUNTY	5.5	7	3.2	0.4		8.0	0.7	2.4	9.1	1.4	1.6	Cast iron	Yes, less	Yes			No
8/16/2017	5J26-3	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular	COUNTY						4.0	0.4	0.2	3.4	1.9	1.9	Cast iron	Yes, less	Yes			Yes
8/16/2017	5J26-1	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular	COUNTY						3.4	0.4	0.7	2.5	0.0	3.6	Cast iron	Yes, less	Yes			Yes
8/16/2017	5J26-2	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular	COUNTY						4.2	1.9	2.1	5.8	1.8	1.7	Cast iron	Yes, less	Yes			Yes
8/16/2017	5I25-1	NICOLLET AVE S	AMERICAN BLVD W	Perpendicular		5	5	2.2	3.1		10.6	1.7	1.3	6.9	1.8	0.0	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/16/2017	5I25-2	NICOLLET AVE S	AMERICAN BLVD W	Combined Directional		5	5	0.2	2.2		6.5	0.7	3.5	5.8	2.1	0.8	Exposed aggregate	Yes, less	Yes			No
8/16/2017	5I25-3	NICOLLET AVE S	AMERICAN BLVD W	Perpendicular		4	4	3.3	2.6		10.8	1.6	2.3	6.6	0.6	4.9	Exposed aggregate	Yes, less	Yes			No
8/16/2017	5I25-4	NICOLLET AVE S	AMERICAN BLVD W	Perpendicular		6	5	1.2	1.9		6.4	1.1	2.3	10.0	1.6	2.8	Exposed aggregate	Yes, less	Yes			Yes
8/16/2017	5I26-4	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular		9.5	9	1.8	1.6		7.4	3.0	2.4	10.0	1.1	3.1	Exposed aggregate	Yes, less	Yes			No
8/16/2017	5I26-3	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular		7	6	2.0	1.1		6.3	2.9	3.5	12.7	2.5	0.4	Exposed aggregate	Yes, less	Yes			No
8/16/2017	5I26-2	NICOLLET AVE S	AMERICAN BLVD E	Perpendicular							5.0	1.8	3.1	8.6	3.2	4.6	Exposed aggregate	Yes, less	Yes			Yes
8/16/2017	5I26-1	NICOLLET AVE S	AMERICAN BLVD E	Combined Directional		9	13.5	3.3	3.0		9.5	3.7	3.1	7.0	3.1	1.6	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/16/2017	5K10-1	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201	9	9	1.9	1.6		9.4	2.4	0.9	4.0	1.1	5.0	Cast iron	Yes, less	Yes			No
8/16/2017	5K10-2	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201						2.5	0.0	0.9	1.5	1.9	0.3	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/16/2017	5K10-3	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201						2.0	2.9	0.3	12.0	1.6	0.6	Cast iron	Yes, less	Yes			No
8/16/2017	5K9-1	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201	6.5	8	1.9	1.1		7.9	0.2	1.4	4.9	4.9	0.7	Cast iron	Yes, less	Yes			Yes
8/16/2017	5K9-2	GRAND AVE S	AMERICAN BLVD W	Combined Directional	2005-201						4.1	0.2	1.9	3.2	0.7	0.4	Cast iron	Yes, less	Yes			Yes
8/16/2017	5K9-3	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201						2.9	0.4	0.4	2.0	1.3	2.2	Cast iron	Yes, less	Yes			Yes
8/16/2017	5K9-4	GRAND AVE S	AMERICAN BLVD W	Perpendicular	2005-201						3.8	0.2	0.4	3.1	0.7	0.4	Cast iron	Yes, less	Yes			Yes
8/16/2017	5J9	GRAND AVE S	AMERICAN BLVD W	One-Way Directional	2005-201	5.5	6	3.3	2.0		6.8	1.1	0.1	10.4	1.2	2.3	Cast iron	Yes, less	No, reconstruct to correct		No	
8/16/2017	5J10	GRAND AVE S	AMERICAN BLVD W	One-Way Directional	2005-201						1.8	0.1	1.0	8.5	0.8	1.3	Cast iron	No, more	No, reconstruct to correct		No	
8/16/2017	5J0-1	LYNDALE AVE S	AMERICAN BLVD W	Parallel	2002-204	7	8	2.0	1.0		5.4	1.5	1.5	5.4	0.7	2.8	Colored concrete	Yes, less	than 3" Gap			Yes
8/16/2017	5J0-4	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204						2.9	0.4	0.6	3.1	0.3	0.2	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5J0-2	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204	6	4	1.7	2.0		6.0	1.4	1.1	6.0	0.6	2.2	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5J0-3	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204	6	4	1.6	0.4		7.1	0.6	3.0	0.5	2.2	6.0	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5K0-1	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204						1.6	0.9	0.1	10.9	2.4	2.1	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5K0-2	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204						1.8	0.3	1.3	9.0	1.0	2.7	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5K0-3	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204						3.5	1.4	2.3	11.1	1.0	0.7	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5K0-4	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204						4.7	0.7	1.1	7.3	1.3	2.5	Colored concrete	Yes, less	No, reconstruct to correct		Yes	
8/16/2017	5Y0-1	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204	8	7	3.5	2.3		7.4	4.1	4.8	4.1	3.0	2.3	Colored concrete	Yes, less	Yes			No
8/16/2017	5Y0-2	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204						3.3	2.9	0.2	12.8	2.8	2.0	Colored concrete	Yes, less	No, reconstruct to correct		No	
8/16/2017	5Y0-4	LYNDALE AVE S	W 82ND ST	Perpendicular	2002-204						0.9	2.4	1.0	12.3	1.8	1.1	Colored concrete	Yes, less	No, reconstruct to correct		No	
8/16/2017	5Y0-3	LYNDALE AVE S	W 82ND ST	Perpendicular	2002-204						3.3	4.6	6.7	13.4	2.7	1.9	Colored concrete	Yes, less	No, reconstruct to correct		No	
8/16/2017	5Z0-1	LYNDALE AVE S	W 82ND ST	Parallel	2002-204						4.1	1.7	0.1	7.0	1.4	0.9	Colored concrete	Yes, less	Yes			Yes
8/16/2017	5Z0-2	LYNDALE AVE S	W 82ND ST	Parallel	2002-204	4.5	5.5	1.5	0.2		6.7	0.6	2.6	6.2	1.1	1.3	Colored concrete	Yes, less	Yes			Yes
8/7/2017	3H41-1	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular	2015-202						4.0	0.7	0.3	6.2	0.0	1.2	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H41-2	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular	2015-202						4.7	0.3	0.9	2.2	0.5	2.0	Cast iron	Yes, less	Yes			Yes
8/7/2017	3I41-1	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular	2015-202						2.7	0.3	0.2	4.2	0.5	1.2	Cast iron	Yes, less	Yes			Yes
8/7/2017	3I41-2	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular	2015-202						1.0	0.3	1.4	10.9	0.2	0.0	Cast iron	Yes, less	Yes			Yes
8/7/2017	3I40	BLOOMINGTON AVE S	AMERICAN BLVD E	Perpendicular	2012-601						4.9	0.5	3.5	9.9	3.4	0.4	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/7/2017	3I39	BLOOMINGTON AVE S	AMERICAN BLVD E	One-Way Directional	2012-601	8	8	0.4	1.5		9.0	1.3	2.6	4.7	2.6	4.0	Exposed aggregate	Yes, less	than 3" Gap			No
8/7/2017	3H40	BLOOMINGTON AVE S	AMERICAN BLVD E	One-Way Directional		7.5	8	1.7	2.8		8.4	2.7	0.9	9.6	0.4	0.5	Exposed aggregate	Yes, less	than 3" Gap			No
8/7/2017	3H29	13TH AVE S	AMERICAN BLVD E	One-Way Directional	2008-102						4.2	1.7	2.0	8.6	1.3	0.2	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/7/2017	3J29	13TH AVE S	AMERICAN BLVD E	One-Way Directional		10	8	0.4	1.1		6.4	0.6	1.1	4.7	0.6	0.5	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/7/2017	3J30	13TH AVE S	AMERICAN BLVD E	One-Way Directional		9	8	1.1	1.2		6.3	1.4	0.9	6.5	0.5	0.3	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/7/2017	3H27-1	12TH AVE S	AMERICAN BLVD E	Perpendicular	2012-601	8	8	0.4	0.6		6.3	0.7	2.0	0.4	1.9	1.9	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H27-2	12TH AVE S	AMERICAN BLVD E	Perpendicular	2012-601	5.5	8.5	0.4	1.6		8.2	0.1	0.7	3.2	1.0	2.2	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H27-4	12TH AVE S	AMERICAN BLVD E	Perpendicular	2012-601	5.5	10	0.4	1.3		7.7	0.7	0.5	0.1	0.8	1.1	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H27-3	12TH AVE S	AMERICAN BLVD E	Perpendicular	2012-601	7	10	1.2	0.7		8.3	1.4	0.1	6.1	0.5	2.3	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H26	12TH AVE S	AMERICAN BLVD E	Fan	2012-601						1.2	0.5	1.6	2.1	1.1	0.4	Cast iron	Yes, less	Yes			Yes
8/7/2017	3J27	12TH AVE S	AMERICAN BLVD E	Fan	2012-601						0.3	0.8	1.2	0.1	0.5	2.0	Cast iron	Yes, less	Yes			Yes
8/7/2017	3J26	12TH AVE S	AMERICAN BLVD E	Fan	2012-601						0.8	0.6	0.1	1.2	0.1	0.6	Cast iron	Yes, less	Yes			Yes
8/7/2017	3H12-4	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		5	5	1.4	0.3		7.6	1.0	0.3	8.7	0.8	1.0	Exposed aggregate	Yes, less	Yes			<Null>
8/7/2017	3H12-3	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		5	6	0.5	2.0		5.9	0.6	1.9	9.0	0.1	1.8	Exposed aggregate	Yes, less	Yes			<Null>
8/7/2017	3H12-2	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		6	6	0.9	0.6		6.8	0.2	3.3	0.8	0.6	1.1	Exposed aggregate	Yes, less	Yes			<Null>
8/7/2017	3H12-1	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		7	4	0.8	3.0		12.3	0.6	1.8	6.8	0.9	2.0	Exposed aggregate	Yes, less	Yes			<Null>
8/7/2017	3H13-4	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		4.5	4	0.5	2.0		6.0	1.6	1.6	8.9	1.9	0.8	Exposed aggregate	Yes, less	than 3" Gap			<Null>
8/7/2017	3H13-3	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		4	6	3.4	1.4		12.8	2.7	0.7	3.1	1.8	0.7	Exposed aggregate	Yes, less	than 3" Gap			<Null>
8/7/2017	3H13-2	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		4	6	1.0	2.5		6.0	2.4	2.8	6.8	2.1	0.3	Exposed aggregate	Yes, less	than 3" Gap			<Null>
8/7/2017	3H13-1	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular		9	14	2.5	4.2		12.7	2.5	5.2	8.8	3.5	1.5	Exposed aggregate	Yes, less	than 3" Gap			<Null>
8/7/2017	3J13-2	CHICAGO AVE S	AMERICAN BLVD E	Perpendicular	2016-101	8	8.5	1.4	1.4		5.9	0.5	2.1	3.3	0.2	3.1	Cast iron	Yes, less	Yes			Yes
8/7/2017	3J13-1	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101						3.7	0.3	0.3	1.2	1.6	0.8	Cast iron	Yes, less	than 3" Gap			Yes
8/7/2017	3J14	CHICAGO AVE S	AMERICAN BLVD E	One-Way Directional	2016-101						3.4	0.2	1.0	2.3	0.6	1.4	Cast iron	Yes, less	than 3" Gap			Yes
8/4/2017	3Q16		E 80TH ST	Perpendicular		8	8.5	0.6	1.7		7.3	0.0	0.6	8.1	0.9	3.3	Colored concrete	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/4/2017	3R18		E 80TH ST	Perpendicular							0.9	0.2	1.2	5.1	0.3	3.7	None	Yes, less	No, reconstruct to correct			No
8/4/2017	3R13	CHICAGO AVE S	E 80TH ST	Perpendicular							1.0	0.5	0.6	4.9	0.2	3.6	None	No, more	No, reconstruct to correct			No
8/4/2017	3H51	OLD CEDAR AVE S	AMERICAN BLVD E	Parallel		4	7	1.9	6.3		7.9	3.5	3.1	7.3	3.9	1.9	Tyned	Yes, less	No, reconstruct to correct			No
8/4/2017	3I50	OLD CEDAR AVE S	AMERICAN BLVD E	Combined Directional	2012-601						4.6	0.9	0.2	1.8	0.7	5.9	Cast iron	Yes, less	Yes			Yes
8/4/2017	3I51	OLD CEDAR AVE S	AMERICAN BLVD E	Perpendicular	2012-601						0.2	1.1	2.3	1.7	1.9	7.2	Cast iron	Yes, less	Yes			Yes
8/4/2017	3N39	BLOOMINGTON AVE S	E 80TH ST	Perpendicular	2017-102						4.9	0.0	0.1	4.3	0.1	3.5	Cast iron	Yes, less	Yes			Yes
8/4/2017	3N40-1	BLOOMINGTON AVE S	E 80TH ST	Perpendicular	2017-102	5	6.5	0.0	1.6		7.9	0.7	0.8	5.4	0.5	3.4	Cast iron	Yes, less	Yes			Yes
8/4/2017	3M40	BLOOMINGTON AVE S	E 80TH ST	Perpendicular		5	5	0.5	2.0		8.0	0.6	2.9	6.2	0.1	5.2	Exposed aggregate	No, more	No, reconstruct to correct			No
8/4/2017	3Q39-1	BLOOMINGTON AVE S	E 80TH ST	Perpendicular	2017-102	6	6.5	1.1	1.5		6.1	0.7	1.1	2.3	0.8	4.2	Cast iron	Yes, less	Yes			Yes
8/4/2017	3Q39-2	BLOOMINGTON AVE S	E 80TH ST	Perpendicular	2017-102						1.2	0.5	0.7	0.8	1.8	0.5	Cast iron	Yes, less	Yes			Yes
8/4/2017	3R39	BLOOMINGTON AVE S	E 80TH ST	Perpendicular	2017-102						0.9	0.2	0.3	0.2	1.0	1.3	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B40	BLOOMINGTON AVE S	E 78TH ST	Perpendicular	2008-103	5	6	0.2	2.0		6.8	1.4	1.7	5.4	1.6	1.9	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B39	BLOOMINGTON AVE S	E 78TH ST	Perpendicular		5.5	5	0.3	2.0		5.8	0.1	0.0	6.1	1.2	1.1	Tyned	Yes, less	No, reconstruct to correct			No
8/4/2017	3B30	13TH AVE S	E 78TH ST	Perpendicular	2008-102	5.5	4	2.9	5.5		6.9	3.5	0.8	0.2	1.9	2.8	Cast iron	Yes, less	Yes			No
8/4/2017	3B29	13TH AVE S	E 78TH ST	Perpendicular	2008-102						4.2	2.0	1.6	7.6	1.9	1.5	Cast iron	Yes, less	Yes			Yes
8/4/2017	3A26	12TH AVE S	E 78TH ST	Combined Directional	2012-601						1.3	0.8	1.7	3.2	2.6	1.5	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B26-1	12TH AVE S	E 78TH ST	Fan	2010-102	6	5	1.0	0.4		5.9	1.6	1.9	4.0	1.4	0.1	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B26-2	12TH AVE S	E 78TH ST	Perpendicular	2010-102	5	6	1.0	0.7		5.6	1.0	1.2	1.9	0.2	3.6	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B27	12TH AVE S	E 78TH ST	Perpendicular	2010-102						3.0	1.9	1.5	4.1	1.5	5.8	Cast iron	Yes, less	Yes			Yes
8/4/2017	3B0	PORTLAND AVE S	E 78TH ST	Fan	2008-103						0.8	1.7	3.1	2.8	1.3	5.5	Cast iron	Yes, less	Yes			Yes
8/4/2017	3A0	PORTLAND AVE S	E 78TH ST	One-Way Directional	2008-103	4	5	4.2	0.8		8.9	2.8			4.8	3.6	Cast iron	Yes, less	Yes			No
8/4/2017	5A52	PORTLAND AVE S	E 78TH ST	One-Way Directional	2008-103	6	11	5.6	1.1		6.8	0.9			3.0	5.2	Cast iron	Yes, less	Yes			No
8/4/2017	5B52-1	PORTLAND AVE S	E 78TH ST	Fan	2008-103						0.7	1.1	1.2	1.4	1.1	6.2	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/4/2017	5B52-2	PORTLAND AVE S	E 78TH ST	One-Way Directional	2008-103						1.0	1.3	2.0	0.5	1.1	0.4	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/4/2017	5C52	PORTLAND AVE S	E 78TH ST	One-Way Directional	2008-103						2.8	0.0	1.1	0.8	0.2	1.0	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/4/2017	5L52	PORTLAND AVE S		One-Way Directional							3.2	0.2	1.0	1.3	1.0	2.1	Exposed aggregate	Yes, less	than 3" Gap			Yes
8/4/2017	5K52	PORTLAND AVE S		Perpendicular		6	6	0.1	3.8		5.9	2.2	0.8	3.9	1.1	0.3	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/4/2017	5J52	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular	1998-201	6	8	3.2	6.0		7.9	0.0	0.1	8.7	1.0	3.0	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/4/2017	5H52	PORTLAND AVE S	AMERICAN BLVD E	Diagonal	1998-201	8	8	1.6	3.5		8.6	0.8	1.0	6.0	0.2	5.5	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/4/2017	3H1-3	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular		4.5	4.5	1.3	1.1		7.5	1.9	2.7	1.6	2.2	3.2	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/4/2017	3H1-1	PORTLAND AVE S	AMERICAN BLVD E	Diagonal		5	8.5	4.0	1.3		7.2	1.2	1.4	9.9	1.5	1.3	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/4/2017	3H1-2	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular		6	3	1.1	3.5		10.2	1.5	2.5	3.2	2.3	0.9	Exposed aggregate	Yes, less	Yes			No
8/4/2017	3H1-4	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular		4	7	0.5	3.5		8.4	3.9	0.9	0.6	2.4	1.4	Exposed aggregate	Yes, less	Yes			No
8/4/2017	3J0-2	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular							2.4	0.3	0.3	2.6	0.0	2.5	Exposed aggregate	Yes, less	Yes			Yes
8/4/2017	3J0-3	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular							1.8	1.3	5.2	2.6	2.4	3.6	Exposed aggregate	Yes, less	Yes			Yes
8/4/2017	3J0-1	PORTLAND AVE S	AMERICAN BLVD E	Perpendicular							2.7	1.9	0.2	0.7	0.4	0.5	Exposed aggregate	Yes, less	Yes			Yes
8/4/2017	3J1	PORTLAND AVE S	AMERICAN BLVD E	Diagonal		4.5	5	1.6	1.2		7.0	1.3	0.0	7.5	0.9	1.9	Exposed aggregate	Yes, less	Yes			Yes
8/4/2017	5S52	PORTLAND AVE S	E 81ST ST	One-Way Directional							0.8	1.4	1.6	9.8	0.8	1.4	None	No, more	No, reconstruct to correct			No
8/4/2017	5T52	PORTLAND AVE S	E 81ST ST	Perpendicular		4	3.5	4.7	3.2		9.4	4.7	0.6	4.3	0.5	1.3	None	No, more	No, reconstruct to correct			No
8/4/2017	3R0	PORTLAND AVE S	E 81ST ST	Perpendicular	2008-101						3.3	0.5	1.4	0.1	0.5	0.4	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/4/2017	3Q0	PORTLAND AVE S	E 81ST ST	One-Way Directional	2008-101	5	4	1.1	2.0		6.7	1.8	1.0	5.0	1.6	2.8	Cast iron	Yes, less	No, reconstruct to correct			Yes
8/4/2017	3X7	PARK AVE S	E 82ND ST	Perpendicular	2008-101	6	5	0.6	1.9		8.1	0.7	1.3	4.0	0.3	3.2	Cast iron	Yes, less	Yes			Yes
8/4/2017	3X6	PARK AVE S	E 82ND ST	Perpendicular	2011-101	4	5	3.7	3.6		12.3	0.7	2.5	8.2	1.2	2.7	Cast iron	Yes, less	Yes			No
8/4/2017	3X4	OAKLAND AVE S	E 82ND ST	Perpendicular	2011-101						3.0	5.4	1.9	7.0	4.0	3.4	Cast iron	Yes, less	Yes			No
8/4/2017	3X3	OAKLAND AVE S	E 82ND ST	Perpendicular	2011-101						3.4	2.0	0.7	6.7	0.6	2.4	Cast iron	Yes, less	Yes			Yes
8/4/2017	3X0	PORTLAND AVE S	E 82ND ST	Perpendicular	2011-101						5.0	0.4	1.1	6.0	0.0	3.0	Cast iron	Yes, less	Yes			Yes
8/4/2017	3R52	OLD CEDAR AVE S	W 80TH ST	Perpendicular	2012-601						1.1	0.6	6.7	1.3	2.0	4.0	Cast iron	Yes, less	Yes			Yes
8/4/2017	3Q52	OLD CEDAR AVE S	W 80TH ST	Perpendicular	2012-601						2.8	0.2	0.2	0.3	0.5	0.0	Cast iron	Yes, less	Yes			Yes
8/2/2017	4G33	14TH AVE S	E 83RD ST	Perpendicular							0.7	0.6	3.0	1.0	2.3	4.4	Cast iron	Yes, less	Yes			Yes
8/2/2017	4G29	13TH AVE S		Perpendicular							2.6	0.8	1.7	9.5	1.1	3.7	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/2/2017	4A29	13TH AVE S	E 82ND ST	One-Way Directional		4.5	4.5	2.4	1.2		7.8	2.2	1.1	4.7	2.4	1.4	None					No
8/2/2017	4A30	13TH AVE S	E 82ND ST	One-Way Directional		4.5	4.5	2.7	0.4		3.6	5.1	0.2	3.9	0.9	0.1	None					No
8/2/2017	3Z29	13TH AVE S	E 82ND ST	Perpendicular		5	4	3.1	1.4		7.6	6.7	0.2	7.5	0.1	1.1	Tyned	Yes, less	Yes			No
8/2/2017	3Z30	13TH AVE S	E 82ND ST	One-Way Directional		5	5.5	3.1	0.7		2.0	10.4	0.3	0.9	1.2	0.4	Tyned	Yes, less	Yes			No
8/2/2017	4A33-2	14TH AVE S	E 82ND ST	One-Way Directional		6	5	3.0	2.0		10.6	1.5	0.2	3.6	2.5	1.5	Colored concrete	Yes, less	No, reconstruct to correct			No
8/2/2017	4A33-1	14TH AVE S	E 82ND ST	One-Way Directional		6.5	5	2.9	2.7		12.9	1.5	0.5	1.7	1.9	4.0	Colored concrete	Yes, less	No, reconstruct to correct			No
8/2/2017	4A37	15TH AVE S	E 82ND ST	One-Way Directional		5	5	4.8	1.1		5.4	9.1	0.9	7.2	1.2	1.8	None					No
8/2/2017	4A36	15TH AVE S	E 82ND ST	One-Way Directional		6	5	3.3	0.4		3.8	9.6	3.3	11.0	2.3	5.2	None					No
7/28/2017	4A39	BLOOMINGTON AVE S	E 82ND ST	One-Way Directional		4	5	5.6	0.5		8.8	4.1	1.7	2.0	1.4	5.0	None	No, more	No, reconstruct to correct			No
7/28/2017	3Z39	BLOOMINGTON AVE S	E 82ND ST	One-Way Directional		4	5.5	1.4	2.3		3.0	5.7	1.8	3.9	2.8	4.2	None	No, more	No, reconstruct to correct			No
7/28/2017	3Z40	BLOOMINGTON AVE S	E 82ND ST	One-Way Directional		4.5	6	3.8	1.4		5.8	5.2	2.2	1.4	4.5	0.8	None	No, more	No, reconstruct to correct			No
7/28/2017	4A40	BLOOMINGTON AVE S	E 82ND ST	One-Way Directional		3	5	3.2	0.3		1.6	7.4	1.4	6.8	0.8	6.3	None	No, more	No, reconstruct to correct			No
7/28/2017	4A42	16TH AVE S	E 82ND ST	One-Way Directional		5	4.5	2.6	1.1		3.5	3.0	0.7	7.3	2.8	2.8	None	No, more	No, reconstruct to correct			No
7/28/2017	4A43	16TH AVE S	E 82ND ST	One-Way Directional		5	4.5	2.6	0.6		9.1	6.0	1.1	2.1	2.1	7.1	None	No, more	No, reconstruct to correct			No
7/28/2017	3Z46	17TH AVE S	E 82ND ST	Perpendicular	2010-101	4.7	5.5	1.5	0.1		6.3	1.5	1.0	1.3	1.1	1.2	Cast iron	Yes, less	Yes			Yes
7/28/2017	3Z45	17TH AVE S	E 82ND ST	One-Way Directional	2010-101						2.5	0.9	0.6	5.9	0.8	3.8	Cast iron	Yes, less	Yes			Yes
7/28/2017	4A45	17TH AVE S	E 82ND ST	One-Way Directional		5	5	0.5	0.9		10.7	0.9	5.5	3.8	3.4	4.9	None	No, more	No, reconstruct to correct			No
7/28/2017	4A46	17TH AVE S	E 82ND ST	One-Way Directional		4	5	3.0	3.7		7.4	4.3	2.6	6.0	0.8	3.7	None	No, more	No, reconstruct to correct			No
7/19/2017	4A49-2	18TH AVE S	E 82ND ST	One-Way Directional		4	5	1.5	0.6		8.5	1.8	2.3	4.7	1.6	3.7	Tyned	Yes, less	Yes			No
7/19/2017	4A49-1	18TH AVE S	E 82ND ST	One-Way Directional		5	5	0.2	0.1		7.2	0.4	0.2	2.4	0.5	6.9	Tyned	Yes, less	Yes			No
7/19/2017	4A22	11TH AVE S	E 82ND ST	One-Way Directional	2018-102						4.9	0.6	0.3	11.9	0.2	6.1	Cast iron	No, more	No, reconstruct to correct			No
7/19/2017	4A20	10TH AVE S	E 82ND ST	One-Way Directional	2013-101						5.0	0.3	0.6	6.9	1.3	2.5	Cast iron	Yes, less	Yes			Yes
7/19/2017	4A19	10TH AVE S	E 82ND ST	One-Way Directional	2013-101	5	4.5	1.4	3.5		5.8	1.6	1.5	4.0	0.3	2.2	Cast iron	Yes, less	Yes			No
7/18/2017	4A52	OLD CEDAR AVE S	E 82ND ST	Perpendicular	2012-601						0.9	0.6	0.1	1.9	0.8	0.5	Cast iron	Yes, less	Yes			Yes
7/18/2017	3Z52	OLD CEDAR AVE S	E 82ND ST	Perpendicular	2012-601	8	10	1.2	0.1		6.0	0.3	0.1	2.0	0.1	3.8	Cast iron	Yes, less	Yes			Yes
7/18/2017	4N6-1	PARK AVE S	E 84TH ST	Perpendicular	2008-101	5	4	2.0	1.7		7.6	0.7	1.2	1.9	2.5	1.9	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/18/2017	4N6-2	PARK AVE S	E 84TH ST	Perpendicular	2008-101	5	4	0.2	1.6		7.0	1.5	0.2	7.8	1.3	2.5	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/18/2017	4N7-2	PARK AVE S	E 84TH ST	Perpendicular	2008-101	5	4	0.5	0.2		8.3	1.9	4.1	0.2	3.1	3.6	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/18/2017	4N7-1	PARK AVE S	E 84TH ST	Diagonal	2008-101	4.5	4	0.6	0.7		9.5	1.3	0.6	6.0	1.5	3.3	Cast iron	Yes, less	No, write exception			No
7/18/2017	4N9-2	COLUMBUS AVE S	E 84TH ST	Perpendicular	2007-102	5	4	1.9	1.1		7.9	2.7	2.1	9.0	2.2	1.8	Cast iron	No, more	No, reconstruct to correct			No
7/18/2017	4N10-2	COLUMBUS AVE S	E 84TH ST	Perpendicular	2007-102	5	4	1.2	0.2		12.6	1.6	1.6	7.7	1.9	2.2	Cast iron	Yes, less	No, reconstruct to correct			No
7/18/2017	4F13	CHICAGO AVE S		One-Way Directional	2017-102	4	4	0.2	2.0		8.3	0.8	0.5	1.5	0.6	1.0	Cast iron	No, more	Yes			Yes
7/18/2017	4N13-3	CHICAGO AVE S	E 84TH ST	Perpendicular	2017-102	4	4	1.6	2.0		6.6	0.7	0.9	1.9	2.4	3.4	Cast iron	Yes, less	Yes			Yes
7/18/2017	4N13-1	CHICAGO AVE S	E 84TH ST	Perpendicular	2017-102						2.9	1.2	0.0	4.7	1.2	3.0	Cast iron	Yes, less	Yes			Yes
7/18/2017	4N13-4	CHICAGO AVE S	E 84TH ST	Perpendicular	2017-102	5	4	1.9	1.7		6.3	0.7	0.3	5.8	1.9	4.1	Cast iron	Yes, less	Yes			Yes
7/18/2017	4N13-2	CHICAGO AVE S	E 84TH ST	Perpendicular	2017-102						2.9	1.1	0.4	6.7	1.1	2.1	Cast iron	Yes, less	Yes			Yes
7/17/2017	4N16-2	EILLIOT AVE S	E 84TH ST	Perpendicular	2003-101	5	4	1.3	0.7		3.0	0.7	1.8	7.4	0.2	2.6	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N17-2	EILLIOT AVE S	E 84TH ST	Perpendicular	2003-101	5	4	5.4	2.2		7.1	4.3	0.6	7.6	1.3	5.5	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N19-2	10TH AVE S	E 84TH ST	Perpendicular	2003-101	5	4	2.8	1.3		11.6	0.2	0.5	8.7	0.0	4.0	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N19-1	10TH AVE S	E 84TH ST	Perpendicular	2003-101	5	4	3.4	2.7		9.3	2.3	0.3	4.9	0.5	2.8	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N20-1	10TH AVE S	E 84TH ST	Perpendicular	2003-101	5	4	4.0	1.7		15.3	0.0	0.3	7.9	1.2	3.4	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N20-2	10TH AVE S	E 84TH ST	Perpendicular	2003-101	4.5	4	3.1	1.8		16.8	0.1	0.1	8.0	0.5	2.7	Colored concrete	No, more	No, reconstruct to correct			No
7/17/2017	4N52-2	OLD CEDAR AVE S	E 84TH ST	Perpendicular	2012-601						4.0	0.4	0.6	1.1	0.5	2.8	Cast iron	Yes, less	Yes			Yes
7/17/2017	4N52-1	OLD CEDAR AVE S	E 84TH ST	Perpendicular	2012-601	4	10	0.2	0.2		6.3	0.0	0.7	0.9	1.1	1.8	Cast iron	Yes, less	Yes			Yes
7/17/2017	2Z1	OLD CEDAR AVE S	E 86TH ST	Combined Directional	2017-102	4	5.5	0.5	0.6		12.0	0.9	1.6	0.0	1.8	0.1	Cast iron	Yes, less	Yes			No
7/17/2017	23A01	OLD CEDAR AVE S	E 86TH ST	Perpendicular	2011-102	6.5	6	0.4	0.9		21.2	4.8	1.7	3.1	2.8	0.3	Cast iron	Yes, less	Yes			No
7/17/2017	4Z52-4	OLD CEDAR AVE S	E 86TH ST	Perpendicular	2017-102						0.4	1.7	1.7	0.2	2.0	1.2	Cast iron	Yes, less	Yes			Yes
7/17/2017	4Z52-3	OLD CEDAR AVE S	E 86TH ST	Perpendicular	2017-102						1.3	0.2	0.3	1.9	1.1	0.1	Cast iron	Yes, less	Yes			Yes
7/17/2017	4Z52-2	OLD CEDAR AVE S	E 86TH ST	Perpendicular	2017-102	5	10	0.2	1.2		7.9	0.4	0.1	1.8	0.4	1.3	Cast iron	Yes, less	Yes			Yes
7/17/2017	4Z52-1	OLD CEDAR AVE S	E 86TH ST	Diagonal	2017-102	4	10	0.5	0.9		6.5	0.6	1.1	1.4	0.5	2.5	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/17/2017	6N52-2	PORTLAND AVE S	E 84TH ST	Perpendicular	2014-102						2.4	0.4	0.3	2.2	1.3	3.5	Cast iron	No, more	Yes			No
7/17/2017	6N52-1	PORTLAND AVE S	E 84TH ST	Diagonal	2014-102						1.6	0.8	0.6	6.5	0.9	3.7	Cast iron	No, more	Yes			No
7/17/2017	4N0-2	PORTLAND AVE S	E 84TH ST	Perpendicular	2014-102						2.6	0.8	0.6	3.4	0.3	4.0	Cast iron	Yes, less	Yes			Yes
7/17/2017	4N0-1	PORTLAND AVE S	E 84TH ST	Perpendicular	2014-102	5	4	1.2	0.0		1.3	2.6	0.3	5.5	0.6	2.8	Cast iron	Yes, less	Yes			No
7/17/2017	05Z52-01	PORTLAND AVE S	E 82ND ST	Fan	2010-102	6	4	1.9	0.1		6.9	1.9	1.0	4.0	1.7	2.3	Cast iron	Yes, less	Yes			<Null>
7/17/2017	3Y0	PORTLAND AVE S	E 82ND ST	Perpendicular	2011-101	5	4	3.0	0.4		5.9	0.5	1.1	7.7	1.4	0.8	Cast iron	Yes, less	Yes			No
7/17/2017	3Z3-2	OAKLAND AVE S	E 82ND ST	One-Way Directional	2011-101						2.8	0.9	1.1	8.0	1.7	1.9	Cast iron	Yes, less	Yes			Yes
7/17/2017	3Z3-1	OAKLAND AVE S	E 82ND ST	One-Way Directional	2011-101						4.9	0.5	1.6	10.6	1.6	0.7	Cast iron	Yes, less	Yes			Yes
7/17/2017	3Z7	PARK AVE S	E 82ND ST	Perpendicular		6	8	0.3	1.8		6.7	0.9	0.7	5.5	0.5	2.9	Tyned	Yes, less	No, reconstruct to correct			No
7/17/2017	3Z6	PARK AVE S	E 82ND ST	One-Way Directional	2011-101	4	5	2.2	4.5		14.7	4.0	1.7	4.7	4.3	4.2	Cast iron	No, more	No, reconstruct to correct			No
7/17/2017	4H7	PARK AVE S	E 83RD ST	One-Way Directional	2008-101						4.7	1.6	2.6	9.0	0.2	2.9	Cast iron	Yes, less	than 3" Gap			Yes
7/17/2017	4G7	PARK AVE S	E 83RD ST	Fan	2018-101	8	12	0.8	3.4		4.4	1.0	1.9	1.6	0.2	2.4	Cast iron	Yes, less	Yes			Yes
7/17/2017	4N3-4	OAKLAND AVE S	E 84TH ST	One-Way Directional		5	4	0.8	2.1		6.4	2.2	1.5	4.0	1.1	5.7	Exposed aggregate	No, more	No, reconstruct to correct			No
7/17/2017	4N3-3	OAKLAND AVE S	E 84TH ST	One-Way Directional		5	4	0.9	1.3		6.8	3.5	3.2	4.5	0.4	2.9	Exposed aggregate	No, more	No, reconstruct to correct			No
7/17/2017	4N3-2	OAKLAND AVE S	E 84TH ST	One-Way Directional		5.5	4	1.1	1.9		11.8	2.0	1.4	12.8	0.8	4.6	Exposed aggregate	No, more	No, reconstruct to correct			No
7/17/2017	4N3-1	OAKLAND AVE S	E 84TH ST	One-Way Directional		5	4	2.7	2.0		7.1	0.9	0.4	11.0	0.2	3.3	Exposed aggregate	No, more	No, reconstruct to correct			No
7/13/2017	6H52	PORTLAND AVE S	E 83RD ST	One-Way Directional	2008-101	6	4	1.6	0.6		8.4	2.3	0.1	4.4	2.1	4.6	Cast iron	No, more	No, write exception			No
7/13/2017	6G52	PORTLAND AVE S	E 83RD ST	One-Way Directional	2008-101	6	3.5	2.7	0.3		5.5	3.2	1.8	2.9	0.0	0.8	Cast iron	Yes, less	No, write exception			No
7/13/2017	4G0	PORTLAND AVE S	E 83RD ST	One-Way Directional	2018-101						0.1	1.9	2.0	5.3	1.1	0.6	Cast iron	Yes, less	Yes			Yes
7/13/2017	4H0	PORTLAND AVE S	E 83RD ST	One-Way Directional	2018-101	5	4.5	1.2	0.0		3.9	0.6	1.5	8.5	0.6	2.1	Cast iron	Yes, less	Yes			Yes
7/13/2017	06A52-01	PORTLAND AVE S	E 82ND ST	Combined Directional	2010-102	4.5	4	3.3	1.2		9.6	3.7	1.2	5.6	0.6	5.3	Cast iron	No, more	Yes			<Null>
7/12/2017	38K30	MORRIS AVE S	W old Shakopee	One-Way Directional	2008-102	6.2	4	1.3	1.8		5.6	1.2	2.1	4.2	2.1	4.2	Cast iron	Yes, less	Yes			Yes
7/12/2017	38K31	MORRIS AVE S	W old Shakopee	One-Way Directional	2008-102	3.5	4	5.2	1.8		8.3	6.2	3.5	2.7	3.5	2.7	Cast iron	Yes, less	Yes			No
7/12/2017	38J39	JOHNSON CIR	W old Shakopee	One-Way Directional	COUNTY	5	4	3.8	1.2		5.5	3.0	1.5	0.2	1.5	0.2	Cast iron	Yes, less	Yes			No
7/12/2017	38J40	JOHNSON CIR	W old Shakopee	Perpendicular							4.5	1.0	1.3	0.8	1.3	0.8	None					No
7/11/2017	38K27	NORD AVE S	W old Shakopee	One-Way Directional		5	4	2.1	1.9		3.9	3.6	0.5	2.0	0.5	2.0	None					No
7/11/2017	38K28	NORD AVE S	W old Shakopee	One-Way Directional		5	4	2.9	9.7		5.1	1.7	5.8	0.6	5.8	0.6	Tyned	Yes, less	Yes			No
7/11/2017	38J37-02	KELL AVE S	W OLD SHAKOPEE RD	Tiered Perpendicular	2016-203						0.8	0.7	0.8	0.9	2.0	2.2	Cast iron	Yes, less	Yes			Yes
7/7/2017	38O13	RICH AVE S	W OLD SHAKOPEE RD	Perpendicular	2015-102	5	4	0.6	4.2		6.2	0.3	1.2	2.2	1.2	2.2	Cast iron		Yes			No
7/7/2017	38O14	RICH AVE S	W OLD SHAKOPEE RD	One-Way Directional		5	4	2.8	0.1		4.1	4.1	2.5	0.8	2.5	0.8	None					No
7/7/2017	38N23	OXBOROUGH AVE S	W old Shakopee	One-Way Directional		5	4	3.2	1.2		4.3	3.9	0.9	3.2	0.9	3.2	None					No
7/7/2017	38N22	OXBOROUGH AVE S	W old Shakopee	One-Way Directional		5	4	1.2	3.3		8.4	4.6	3.5	0.3	3.5	0.3	None					No
7/7/2017	38M27	NORD AVE S	W old Shakopee	Perpendicular		5	4	4.2	1.1		8.1	3.6	0.0	1.0	0.0	1.0	None					No
7/7/2017	38M26	NORD AVE S	W old Shakopee	Perpendicular		5	4	2.6	2.9		4.5	4.5	5.7	0.3	5.7	0.3	None					No
7/7/2017	38M29	MORRIS AVE S	W old Shakopee	One-Way Directional		5	4	4.1	1.7		4.6	3.1	3.7	4.3	4.8	1.2	None					No
7/7/2017	38M30	MORRIS AVE S	W old Shakopee	One-Way Directional	COUNTY	4.8	3.7	1.0	1.4		5.6	1.6	0.2	0.3	0.8	0.6	Cast iron	Yes, less	Yes			Yes
7/7/2017	38L33	LITTLE AVE S	W old Shakopee	One-Way Directional		4.5	3.5	5.5	0.8		9.1	7.0	2.4	1.0	2.4	1.0	None					No
7/7/2017	38L32	LITTLE AVE S	W old Shakopee	One-Way Directional		4.5	4	1.0	0.3		7.7	4.9	2.9	1.9	2.9	1.9	None					No
7/7/2017	38k37-1	KELL AVE S	W OLD SHAKOPEE RD	One-Way Directional	2016-203	7.5	5.5	1.5	0.8		5.5	2.0	2.9	0.2	0.9	0.6	Cast iron	Yes, less	Yes			Yes
7/7/2017	38K37-2	KELL AVE S	W OLD SHAKOPEE RD	Perpendicular	2016-203						1.5	0.8	1.2	0.0	1.4	2.6	Cast iron	Yes, less	Yes			Yes
7/7/2017	38k36	KELL AVE S	W OLD SHAKOPEE RD	One-Way Directional	2016-203						3.8	0.7	4.2	1.0	0.7	0.6	Cast iron	Yes, less	Yes			Yes
6/28/2017	38Z40	JOHNSON AVE S	W 110TH ST	One-Way Directional	2004-101	5	5	0.8	1.5		3.2	4.9	2.8	9.9	0.6	3.3	Colored concrete	No, more	Yes			No
6/28/2017	38Z39	JOHNSON AVE S	W 110TH ST	One-Way Directional	2004-101	6.5	5	3.0	0.3		2.4	3.8	0.1	5.7	1.7	1.4	Colored concrete	No, more	Yes			No
6/28/2017	38Z33	LITTLE AVE S	W 110TH ST	One-Way Directional		5	5	5.2	4.6		7.4	6.9	1.2	2.0	0.5	1.2	None					No
6/28/2017	38Z32	MORRIS AVE S	W 110TH ST	One-Way Directional		5	4.5	1.4	0.9		5.1	3.8	2.6	5.1	0.9	3.0	None					No
6/28/2017	38Z31	MORRIS AVE S	W 110TH ST	One-Way Directional		5	5	2.7	1.0		2.5	6.8	3.2	9.4	3.8	0.3	None					No
6/28/2017	38Z27	NORD AVE S	W 110TH ST	One-Way Directional		6	5.5	3.2	1.5		3.0	8.2	1.2	4.4	0.5	2.1	None					No
6/28/2017	38Z24	NORD AVE S	W 110TH ST	One-Way Directional		5	5	3.0	1.6		5.9	5.8	0.6	9.0	1.5	1.0	None					No
6/28/2017	38Z24	OXBOROUGH AVE S	W 110TH ST	One-Way Directional		5	5	2.0	3.8		10.8	5.7	1.3	8.1	2.6	6.7	Exposed aggregate	No, more	No, reconstruct to correct			No
6/28/2017	38z23	OXBOROUGH AVE S	W 110TH ST	One-Way Directional							3.8	2.0	0.5	9.4	2.2	0.3	Exposed aggregate	Yes, less	than 3" Gap			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/27/2017	38L23		NORD DR	Perpendicular	2008-102	6	6	0.1	0.1		9.5	1.1	1.2	8.2	1.0	2.8	Cast iron	No, more	Yes			No
6/27/2017	38N04	TOLEDO CUR	BALMORAL LN	One-Way Directional		5	5	2.5	5.4		5.2	2.1	0.5	4.0	0.5	1.1	None					No
6/27/2017	38M04	TOLEDO CUR	BALMORAL LN	One-Way Directional		4.5	5	1.9	0.2		8.3	2.2	3.2	3.4	0.9	4.3	None		No, reconstruct to correct			No
6/27/2017	38N05	TOLEDO CUR	BALMORAL LN	One-Way Directional		5	5	0.3	6.5		9.5	2.5	6.1	4.6	5.3	1.2	None					No
6/27/2017	38M05	TOLEDO CUR	BALMORAL LN	One-Way Directional		5	6	1.6	2.8		5.4	0.1	0.6	3.9	0.5	2.9	None					No
6/27/2017	38K05	BALMORAL LN	TOLEDO CUR								0.2	2.0	0.6	4.2	0.8	4.7	None					No
6/27/2017	38K04	BALMORAL LN	TOLEDO CUR	One-Way Directional		5	5	3.9	2.5		7.1	3.0	1.4	4.8	1.0	0.9	None					No
6/27/2017	38L07	BALMORAL LN	TOLEDO CUR	One-Way Directional		5	5	2.8	4.2		4.1	2.8	0.1	3.5	1.5	1.7	None					No
6/27/2017	38L08	BALMORAL LN	TOLEDO CUR	One-Way Directional		6	5	3.3	2.6		6.5	4.2	0.7	8.4	2.0	2.4	None					No
6/27/2017	38K07	TOLEDO CT	TOLEDO CUR	One-Way Directional		5	5	1.9	4.6		5.0	0.5	0.3	8.8	0.7	2.1	None					No
6/27/2017	38K08	TOLEDO CT	TOLEDO CUR	One-Way Directional		5	5	3.3	1.1		3.4	2.7	2.0	7.2	1.4	2.0	None					No
6/16/2017	38F51	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501	6	6	1.2	2.6		7.4	1.2	2.4	6.8	1.9	0.6	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38F52-3	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501	5.3	5	1.9	1.3		7.6	1.0	1.9	6.5	1.0	3.1	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38F52-2	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501						4.9	0.2	1.2	2.4	1.4	1.4	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38F52-1	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501						2.5	0.6	0.8	5.1	1.4	0.1	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38G52-3	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501	4	6	0.1	1.9		5.2	0.3	0.6	4.5	0.0	0.3	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38G52-2	FRANCE AVE S	W OLD SHAKOPEE RD	Perpendicular	2000-501						1.7	0.3	1.4	2.7	1.1	1.4	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38G52-1	FRANCE AVE S	W OLD SHAKOPEE RD	Diagonal	2000-501						2.3	1.2	1.9	2.8	0.6	1.3	Colored concrete	Yes, less	Yes			Yes
6/16/2017	38H51	FRANCE AVE S	W OLD SHAKOPEE RD	Diagonal	2000-501	6.3	5.2	1.4	1.8		9.2	1.5	2.6	2.8	1.1	3.8	Colored concrete	Yes, less	Yes			No
6/16/2017	20n32		W 92ND ST	Perpendicular		4.3	4	3.7	1.9		4.1	5.5	4.1	3.7	4.4	9.8	None	No, more	No, reconstruct to correct			No
6/16/2017	20a0-1	LYNDALE AVE S	W 90TH ST	Diagonal	2015-101						0.8	0.8	1.3	3.9	0.8	6.9	Cast iron	Yes, less	Yes			Yes
6/16/2017	20A0-2	LYNDALE AVE S	W 90TH ST	Diagonal	2015-101						0.1	1.2	1.3	0.8	0.8	3.2	Cast iron	Yes, less	Yes			Yes
6/16/2017	20N0-2	LYNDALE AVE S	W 92ND ST	One-Way Directional	2016-102	5	4.4	1.1	1.5		8.0	1.9	1.2	3.2	2.7	1.8	Cast iron	Yes, less	Yes			Yes
6/16/2017	20M0-1	LYNDALE AVE S	W 92ND ST	Perpendicular	2016-102						4.7	1.9	0.4	2.8	0.4	5.2	Cast iron	Yes, less	Yes			Yes
6/16/2017	20N0-1	LYNDALE AVE S	W 92ND ST	Parallel	2016-102	4.2	4.4	1.0	1.6		7.7	1.1	0.2	5.0	0.1	3.7	Cast iron	Yes, less	Yes			Yes
6/16/2017	20u01	LYNDALE AVE S	W 93RD ST	Perpendicular	2016-102						1.3	0.8	0.7	3.5	0.8	5.7	Cast iron	Yes, less	Yes			Yes
6/16/2017	20v01	LYNDALE AVE S	W 93RD ST	Perpendicular	2016-102	5	4	1.1	0.4		6.3	2.7	0.1	4.8	0.8	3.1	Cast iron	Yes, less	Yes			No
6/16/2017	20z0-1	LYNDALE AVE S	W 94TH ST	Perpendicular	2016-102	5.3	4	0.2	0.5		7.7	0.9	0.1	2.6	0.5	5.4	Cast iron	Yes, less	Yes			Yes
6/16/2017	20Z0-2	LYNDALE AVE S	W 94TH ST	One-Way Directional	2016-102						1.1	0.7	1.1	1.5	1.6	2.3	Cast iron	Yes, less	Yes			Yes
6/16/2017	20a40	VALLEYVIEW PLAYFIELDS	E 90TH ST	Perpendicular	2010-102			0.8	2.8		8.9	0.2	0.6	5.5	0.1	8.3	Cast iron	Yes, less	Yes			No
6/16/2017	20a25	NICOLLET AVE S	W 90TH ST	Combined Directional	2009-201	5	5	1.6	1.7		6.9	1.4	2.0	6.5	2.6	0.2	Cast iron	Yes, less	than 3" Gap			Yes
6/16/2017	20a25-2	NICOLLET AVE S	W 90TH ST	Combined Directional	2009-201	6	7	3.0	1.4		7.2	3.6	6.0	6.9	2.9	0.5	Cast iron	No, more	Yes			No
6/16/2017	20a26-4	NICOLLET AVE S	E 90TH ST	Perpendicular	2009-201						1.4	1.3	1.4	9.3	1.6	0.8	Cast iron	Yes, less	Yes			Yes
6/16/2017	20a26-3	NICOLLET AVE S	E 90TH ST	Perpendicular	2009-201	5	5	2.0	2.0		2.7	0.8	1.6	7.2	1.0	2.0	Cast iron	Yes, less	Yes			Yes
6/16/2017	20a26-2	NICOLLET AVE S	E 90TH ST	Perpendicular	2009-201	5	6	1.8	0.6		9.1	1.0	0.3	1.3	0.3	1.0	Cast iron	No, more	Yes			No
6/16/2017	20a26	NICOLLET AVE S	E 90TH ST	Tiered Perpendicular	2009-201	5	8	0.8	0.8		5.0	0.1	1.5	5.2	0.6	0.5	Cast iron	Yes, less	Yes			Yes
6/16/2017	20a17	PILLSBURY AVE S	W 90TH ST	One-Way Directional	2015-101	5	3.8	0.4	0.7		3.8	1.2	0.9	1.3	2.5	2.9	Cast iron	Yes, less	Yes			Yes
6/16/2017	20A18	PILLSBURY AVE S	W 90TH ST	One-Way Directional	2015-101	4.2	3.6	1.8	4.1		4.4	0.7	1.1	1.4	0.7	0.4	Cast iron	Yes, less	Yes			Yes
6/16/2017	20a22	BLAISDELL AVE S	W 90TH ST	One-Way Directional	2009-201	4.3	4	2.9	2.9		7.3	1.0	1.5	4.4	3.3	4.4	Cast iron	No, more	No, reconstruct to correct			No
6/16/2017	20M0-2	LYNDALE AVE S	W 92ND ST	One-Way Directional	2016-102						4.9	1.1	0.5	6.3	0.6	3.3	Cast iron	Yes, less	Yes			Yes
6/8/2017	20a21	BLAISDELL AVE S	W 90TH ST	One-Way Directional	2009-201	4.4		3.5	7.5		10.9	3.5	1.0	2.1	1.9	1.8	Cast iron	No, more	No, reconstruct to correct			No
6/8/2017	20n26-2	NICOLLET AVE S	E 92ND ST	One-Way Directional	COUNTY	5	4.9	5.4	7.9		0.4	3.3	1.1	7.6	1.1	0.1	Cast iron	No, more	No, reconstruct to correct			No
6/8/2017	20n26-1	NICOLLET AVE S	E 92ND ST	One-Way Directional	COUNTY	4.3	4.5	2.8	4.5		4.8	8.4	2.3	12.0	1.4	2.9	Cast iron	No, more	No, reconstruct to correct			No
6/8/2017	20n25-2	NICOLLET AVE S	W 92ND ST	Perpendicular	COUNTY	6.1	5.8	1.1	0.0		2.9	0.1	4.5	5.8	0.3	1.1	Cast iron	Yes, less	Yes			Yes
6/8/2017	20n25-1	NICOLLET AVE S	W 92ND ST	One-Way Directional	COUNTY	4.4	4.9	1.5	3.2		5.1	0.5	4.3	2.4	2.1	7.4	Cast iron	No, more	No, reconstruct to correct			No
6/8/2017	20v25	NICOLLET AVE S	W 93rd St	One-Way Directional		7.2	3.5	1.2	1.3		4.0	5.4	1.7	3.5	2.6	4.4	Colored concrete		No, reconstruct to correct			No
6/8/2017	20u25	NICOLLET AVE S	W 93rd st	One-Way Directional		5.3	4.8	3.6	0.9		13.0	0.6	5.6	0.2	2.2	0.2	None					No
6/8/2017	20h26	NICOLLET AVE S	E 91ST ST	One-Way Directional		5	4.7	8.7	1.4		5.4	5.8	0.7	1.9	1.2	5.6	None	No, more	No, reconstruct to correct			No
6/8/2017	20g26-2	NICOLLET AVE S	E 91ST ST	One-Way Directional		6	5	1.4	1.3		7.2	1.7	1.6	3.7	2.0	0.4	None	No, more	No, write exception			No
6/8/2017	20g26-1	NICOLLET AVE S	E 91ST ST	One-Way Directional		5.8	3.7	1.5	2.0		15.5	3.6	1.8	1.2	1.8	0.4	None	No, more	No, reconstruct to correct			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/6/2017	20w26	NICOLLET AVE S	E 93RD ST	One-Way Directional		5.4	4.4	10.0	0.3		2.1	10.1	0.6	4.0	1.4	2.2	None	No, more	No, reconstruct to correct			No
6/6/2017	20v26	NICOLLET AVE S	E 93RD ST	One-Way Directional		5.3	4.3	5.1	0.3		2.8	0.4	3.0	11.3	1.2	0.3	None					No
6/6/2017	20z39	3RD AVE S	E 94TH ST	One-Way Directional		5.9	3.9	2.9	2.6		8.9	1.1	2.8	4.4	2.2	8.1	Exposed aggregate	Yes, less	Yes			No
6/6/2017	20z26	NICOLLET AVE S	E 94TH ST	One-Way Directional	2013-101	3.8	4.8	2.1	0.8		1.7	1.7	1.8	3.4	0.6	2.8	Cast iron	Yes, less	Yes			Yes
6/6/2017	20H52	PORTLAND AVE S	E 91ST ST	One-Way Directional		5	3.5	4.8	4.4		12.3	8.4	2.1	12.0	3.9	0.5	None	No, more	No, reconstruct to correct			No
6/6/2017	20G52	PORTLAND AVE S	E 91ST ST	One-Way Directional		5.3	4	0.5	0.8		10.1	4.9	0.3	8.8	0.6	4.0	None	No, more	No, reconstruct to correct			No
6/6/2017	20z52	PORTLAND AVE S	E 94TH ST	One-Way Directional	2004-101	5.1	4	1.9	1.9		5.3	1.7	0.7	6.3	0.0	2.4	Colored concrete	No, more	No, reconstruct to correct			No
5/22/2017	15Z45	VINCENT PL	W 90TH ST	Tiered Perpendicular	2010-102	5	5.5	1.3	2.8		4.8	0.5	0.2	2.9	0.8	0.5	Cast iron	Yes, less	Yes			Yes
5/22/2017	15Z30	XERXES AVE S	W 90TH ST	Perpendicular	2010-102	5.5	5.5	2.0	1.0		2.0	2.0	1.8	3.7	2.1	1.5	Cast iron	Yes, less	Yes			Yes
5/22/2017	20A08	GRAND AVE S	W 90TH ST	Perpendicular	2015-101							0.7	1.0		0.6		Cast iron	Yes, less	No, write exception			No
5/22/2017	20A09	GRAND AVE S	W 90TH ST	Perpendicular	2015-101	6	4.5	3.2	2.0		3.1	0.4	0.4		0.6		Cast iron	Yes, less	No, reconstruct to correct			No
5/22/2017	20L52	PORTLAND AVE S	E 92ND ST	Perpendicular	COUNTY	5	4	2.4	1.3			1.8	0.0		2.1		Cast iron	Yes, less	Yes			No
5/22/2017	20M52	PORTLAND AVE S	E 92ND ST	Perpendicular		5	4	2.2	2.6			0.7	0.4		0.9		None					No
5/19/2017	72N38-3	BLOOMINGTON FERRY RD	W OLD SHAKOPEE RD	Perpendicular	2014-201	13	15	2.0	0.6		4.1	0.8	0.7	0.2	1.5	1.4	Cast iron	Yes, less	Yes			Yes
5/19/2017	15W01-4	FRANCE AVE S	W 90TH ST	Perpendicular	2010-102	8	5.8	0.0	0.0		1.2	0.7	0.7	2.5	0.6	0.6	Cast iron	Yes, less	Yes			Yes
10/20/2016	31A34	W BLOOMINGTON FWY	W 94th St	Fan	STATE	10	9	1.5	0.2		0.3	1.8	0.9	3.6	1.3	3.8	Cast iron	Yes, less	than 3" Gap			Yes
10/20/2016	31A35	W BLOOMINGTON FWY	W 94th St	Combined Directional	STATE	4	6	0.9	1.3		6.8	0.4	1.1	2.5	1.1	0.6	Cast iron	Yes, less	Yes			Yes
10/20/2016	31A38	Frontage Rd	W 94th St	Combined Directional	STATE	7	6	2.0	1.6		6.1	1.0	0.2	0.5	0.4	3.9	Cast iron	Yes, less	Yes			Yes
10/20/2016	31A39W	Frontage Rd	W 94th St	Combined Directional	STATE	4	6	0.5	1.2		0.9	1.6	0.8	3.5	1.2	1.7	Cast iron	No, more	Yes			Yes
10/20/2016	31A39N	Frontage Rd	W 94th St	Combined Directional	STATE	3	6	1.9	1.4		2.3	1.8	1.6	2.3	2.7	1.0	Cast iron	Yes, less	Yes			Yes
10/20/2016	31A31	W BLOOMINGTON FWY	W 94th St	Combined Directional		5	6	1.8	2.9		5.7	0.1	0.4	16.1	0.9	2.3	Cast iron	No, more	No, reconstruct to correct			No
10/20/2016	31Z1S	PENN AVE S	W 98TH ST	Combined Directional	2012-102	5	4	1.8	3.6		3.8	0.7	2.3	4.4	4.9	3.4	Cast iron	Yes, less	Yes			No
10/20/2016	31Z1W	PENN AVE S	W 98TH ST	Combined Directional	2012-102	4	4	2.9	1.7		3.6	0.3	0.7	0.2	2.2	4.8	Cast iron	Yes, less	Yes			No
10/20/2016	31Z1E	PENN AVE S	W 98TH ST	Combined Directional	2012-102	3	5	1.5	1.1		8.0	1.5	1.1	5.9	1.6	3.1	Cast iron	Yes, less	No, reconstruct to correct			No
10/20/2016	31Z1N	PENN AVE S	W 98TH ST	Combined Directional	2012-102	2.75	4	1.6	2.8		2.8	2.6	3.5	1.5	2.6	5.2	Cast iron	Yes, less	No, reconstruct to correct			No
10/18/2016	32Z1	PENN AVE S	W Old Shakopee Ave S	Combined Directional		3.5	6	5.8	1.9		13.7	1.8	1.9	11.5	3.0	3.7	None					No
10/18/2016	32A1W	PENN AVE S	W 98TH ST	Combined Directional	2012-102	6	4	1.6	1.9		4.0	1.6	1.7	2.7	0.6	5.2	Cast iron	Yes, less	Yes			Yes
10/18/2016	32A1N	PENN AVE S	W 98TH ST	Combined Directional	2012-102	6	4	0.2	0.5		5.7	1.2	0.9	3.6	1.9	2.9	Cast iron	Yes, less	Yes			Yes
10/18/2016	32A1E	PENN AVE S	W 98TH ST	Combined Directional	2012-102	6	4	0.2	1.2		7.4	1.2	0.1	7.6	0.0	0.3	Cast iron	Yes, less	Yes			Yes
10/18/2016	32A1S	PENN AVE S	W 98TH ST	Diagonal	2012-102	5	4	0.8	1.7		8.6	1.3	2.6	7.7	1.8	2.0	Cast iron	Yes, less	Yes			No
10/18/2016	32L6	NEWTON AVE S	W 100th St	Combined Directional		5	4	2.9	1.7		4.7	3.0	1.4	11.9	2.9	5.7	Tyned	Yes, less	than 3" Gap			No
10/18/2016	32Q9	MORGAN AVE S	W 101st St	Combined Directional		5	4	4.9	4.4		15.0	5.1	1.4	13.2	1.8	3.1	Tyned	No, more	than 3" Gap			No
10/18/2016	32S10	MORGAN AVE S	W Old Shakopee Rd	Combined Directional		4	4	4.5	2.1		8.3	8.2	3.5	8.7	2.8	1.5	None					No
10/18/2016	32R10	MORGAN AVE S	W Old Shakopee Rd	Combined Directional		5	5	3.5	0.5		0.8	5.2	6.5	0.8	3.7	4.1	None					No
10/18/2016	32R9	MORGAN AVE S	W 101st St	Combined Directional		5	6	0.0	1.4		9.2	1.8	0.9	7.6	0.1	2.8	Cast iron	No, more	Yes			No
10/18/2016	32M10	MORGAN AVE S	W 100th St	Perpendicular		6	5	2.5	2.3		3.0	1.4	1.5	27.3	1.6	3.9	Tyned	No, more	than 3" Gap			No
10/18/2016	32M9	MORGAN AVE S	W 100th St	Perpendicular		4	4	0.2	1.9		9.3	0.4	1.1	13.6	0.3	7.4	Tyned	Yes, less	than 3" Gap			No
10/18/2016	32L9	MORGAN AVE S	W 100th St	Diagonal		4	4	4.2	2.4		11.0	1.3	1.4	11.9	1.0	4.0	Tyned	Yes, less	than 3" Gap			No
10/18/2016	32A5	NEWTON AVE S	W 98TH ST	Combined Directional	2012-102	4	5	1.5	1.6		6.1	4.6	2.5	5.8	1.6	3.7	Cast iron	Yes, less	Yes			No
10/18/2016	32A6	NEWTON AVE S	W 98TH ST	Combined Directional	2012-102	5	5	1.9	1.6		7.2	2.8	1.9	4.5	2.2	0.7	Cast iron	Yes, less	Yes			No
10/18/2016	32A9	MORGAN AVE S	W 98TH ST	Combined Directional	2012-102	5	5	3.7	0.2		3.8	4.8	3.2	3.5	0.2	4.3	Cast iron	Yes, less	Yes			No
10/18/2016	32A10	MORGAN AVE S	W 98TH ST	Combined Directional	2012-102	5	5	3.2	1.6		4.5	4.1	1.3	0.1	1.0	2.1	Cast iron	Yes, less	Yes			No
10/18/2016	32A12	LOGAN AVE S	W 98TH ST	Fan	2012-102	4.5	5	4.7	1.4		4.4	0.1	1.9	0.2	2.0	5.7	Cast iron	Yes, less	No, write exception			No
10/18/2016	32A13N	LOGAN AVE S	W 98th St	Combined Directional	2002-302	4	4	3.4	2.1		2.6	1.9	2.4	33.6	2.1	0.7	Cast iron	No, more	Yes			No
10/18/2016	32A13W	LOGAN AVE S	W 98th St	Combined Directional	2002-302	4	4	4.2	0.9		1.5	0.4	0.8	18.7	0.2	2.7	Cast iron	No, more	Yes			No
10/18/2016	32A13E	LOGAN AVE S	W 98th St	Combined Directional	2002-302	4	4	3.1	2.2		7.5	0.1	1.6	40.8	1.4	0.2	Cast iron	Yes, less	Yes			No
10/18/2016	32A13S	LOGAN AVE S	W 98th St	Diagonal	2002-302	8	6	4.4	1.4		4.9	1.3	1.5	8.7	1.4	7.4	Cast iron	No, more	Yes			No
10/18/2016	27M20	JAMES AVE S	W 100TH ST	Combined Directional	2013-102	4.5	5	3.6	4.3		4.6	2.5	1.0	7.2	0.6	1.4	Cast iron	Yes, less	Yes			No
10/18/2016	32M19	JAMES AVE S	W 100TH ST	Combined Directional	2013-102	4.5	5	0.8	1.9		2.8	0.1	1.7	18.8	1.9	7.3	Cast iron	Yes, less	Yes			Yes
10/18/2016	32P26	HUMBOLDT AVE S	TOWNE TERRACE	Combined Directional	2008-102	5	4	2.4	2.6		9.5	6.1	1.1	6.2	2.8	3.5	Cast iron	Yes, less	No, reconstruct to correct			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/18/2016	32Q26	HUMBOLDT AVE S	TOWNE TERRACE	Combined Directional	2008-102	5	4	2.3	0.4		5.4	7.1	0.2	0.2	5.2	5.3	Cast iron	Yes, less	No, reconstruct to correct			No
10/18/2016	32X26	HUMBOLDT AVE S	JAMES RD	Combined Directional	2013-102	5	4	1.3	2.8		6.2	0.4	5.2	0.7	6.0	1.8	Cast iron	Yes, less	No, reconstruct to correct			No
10/18/2016	32Y26	HUMBOLDT AVE S	JAMES RD	Combined Directional	2013-102	5	4	1.7	3.6		4.8	2.6	1.3	33.9	6.1	3.6	Cast iron	Yes, less	No, reconstruct to correct			No
10/18/2016	57B49	GLENROY RD	W 78TH ST	Perpendicular		5	5	5.7	7.8		6.9	7.5	5.1	6.0	4.2	3.0	None					No
10/18/2016	57B50	GLENROY RD	W 78TH ST	Perpendicular		4	5	3.5	0.6		3.1	2.9	2.5	5.9	1.3	5.8	None					No
10/18/2016	57H42W	E BUSH LAKE RD	494 WB RAMP	Combined Directional	COUNTY	6	6	2.8	1.7		6.0	0.9	0.9	5.3	2.5	2.9	Colored concrete	No, more	Yes			No
10/18/2016	57H42E	E BUSH LAKE RD	494 WB RAMP	Parallel	COUNTY	7.5	4	2.4	2.7		1.1	2.7	1.9	10.3	2.2	2.6	Colored concrete	No, more	Yes			No
10/18/2016	57H43W	E BUSH LAKE RD	494 WB RAMP	Perpendicular	COUNTY	7.5	4	3.2	1.4		6.3	1.8	0.6	6.2	1.5	2.3	Colored concrete	Yes, less	Yes			No
10/18/2016	57H43E	E BUSH LAKE RD	494 WB RAMP	Combined Directional	COUNTY	6.5	6	1.7	2.4		6.7	6.9	4.5	2.8	4.7	4.5	Colored concrete	No, more	No, reconstruct to correct			No
10/18/2016	57I42	E BUSH LAKE RD	494 WB RAMP	Combined Directional	COUNTY	16	11	0.0	0.5		4.5	1.3	1.3	2.0	0.9	1.4	Colored concrete	No, more	Yes			No
10/18/2016	57V41	E BUSH LAKE RD	AMERICAN BLVD W	Depressed Corner		5.5	4	1.1	2.5		6.1	0.4	1.6	3.7	1.3	5.6	Plastic	No, more	No, reconstruct to correct			No
10/18/2016	57W41	E BUSH LAKE RD	AMERICAN BLVD W	Depressed Corner		7	5.5	1.8	0.5		5.2	1.6	1.0	0.8	0.6	2.9	Plastic	No, more	No, reconstruct to correct			No
10/18/2016	57A13	CREEKRIDGE CIR	W 78TH ST	Combined Directional		5	5	2.9	1.2		7.6	1.9	1.5	7.8	1.7	2.1	Exposed aggregate	Yes, less	than 3" Gap			No
10/18/2016	57A14	CREEKRIDGE CIR	W 78TH ST	Depressed Corner		4.5	3	3.2	0.6		7.2	2.7	0.3	0.1	0.7	1.9	Exposed aggregate	Yes, less	than 3" Gap			No
10/18/2016	57Z10	LEA RD	W 82ND ST	Combined Directional	2015-102	5	4.5	0.8	2.6		1.5	2.3	0.4	10.8	0.9	3.0	Cast iron	Yes, less	No, reconstruct to correct			No
10/13/2016	7Z46	BRYANT AVE S	W 82ND ST	Combined Directional	2011-101	4.5	4	1.7	0.7		0.7	2.0	2.1	3.7	0.5	3.4	Cast iron	Yes, less	Yes			Yes
10/13/2016	7Z45	BRYANT AVE S	W 82ND ST	Combined Directional	2011-101	5	5	3.0	5.3		4.3	0.8	1.3	1.0	1.3	0.0	Cast iron	Yes, less	Yes			No
10/13/2016	7Z43	COLFAX AVE S	W 82ND ST	Combined Directional	2011-101	6	5	1.9	0.8		2.1	1.8	0.4	6.8	1.2	2.1	Cast iron	Yes, less	Yes			No
10/13/2016	7Z42	COLFAX AVE S	W 82ND ST	Combined Directional	2011-101	6	4	1.8	1.5		1.8	1.6	0.0	8.4	0.7	3.6	Cast iron	No, more	Yes			No
10/13/2016	7Z52N	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204	9	9	0.3	2.3		3.2	1.0	0.2	11.7	1.0	5.5	Colored concrete	No, more	Yes			No
10/13/2016	7Z52W	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204	2	4	1.8	0.0		2.5	3.1	2.4	11.3	2.9	1.4	Colored concrete	Yes, less	Yes			No
10/13/2016	7Z52E	LYNDALE AVE S	W 82ND ST	Perpendicular	2002-204	5	7	1.8	0.9		5.0	2.3	0.2	11.4	1.3	2.5	Colored concrete	No, more	Yes			No
10/13/2016	7Z52S	LYNDALE AVE S	W 82ND ST	Perpendicular	2002-204	2	4	0.6	2.0		3.2	0.6	1.0	12.0	0.0	3.0	Colored concrete	Yes, less	Yes			Yes
10/13/2016	7J52N	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204	4	8	3.0	1.5		5.7	0.6	0.5	12.4	0.5	5.8	Cast iron	No, more	Yes			No
10/13/2016	7J52W	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204	4	8	0.7	2.2		7.4	1.3	1.1	10.2	0.1	0.1	Colored concrete	No, more	Yes			No
10/13/2016	7J52E	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204	5	8	0.3	0.2		1.3	0.1	2.1	11.7	0.6	2.4	Colored concrete	No, more	Yes			No
10/13/2016	7J52S	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204	4	8	1.6	0.6		4.2	0.9	0.1	10.6	1.6	2.1	Colored concrete	No, more	Yes			No
10/13/2016	7L52N	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204	8	8	0.6	0.8		4.8	1.2	0.5	0.5	0.8	2.6	Colored concrete	No, more	Yes			No
10/13/2016	7L52E	LYNDALE AVE S	AMERICAN BLVD W	Perpendicular	2002-204	8	8	0.9	0.7		5.7	0.8	0.0	9.5	1.3	1.6	Colored concrete	No, more	Yes			No
10/13/2016	7L52W	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204	8	8	1.3	0.5		5.6	0.2	0.9	9.4	0.7	0.1	Colored concrete	No, more	Yes			No
10/13/2016	7L52S	LYNDALE AVE S	AMERICAN BLVD W	Combined Directional	2002-204	8	7	0.1	2.2		5.5	1.3	0.4	4.2	0.0	2.6	Colored concrete	No, more	Yes			No
10/13/2016	7K48	BRYANT AVE S	AMERICAN BLVD W	Combined Directional	2005-201	7	8	3.8	6.1		10.0	0.9	3.3	30.3	1.7	3.6	Cast iron	Yes, less	No, reconstruct to correct			No
10/13/2016	7K47	BRYANT AVE S	AMERICAN BLVD W	Depressed Corner	2005-201	5	4	6.8	0.3		4.0	5.2	2.8	10.0	6.1	3.3	Cast iron	No, more	No, reconstruct to correct			No
10/13/2016	7M47	BRYANT AVE S	W 80th St	Combined Directional		6.5	5	5.8	2.1		8.9	5.9	5.9	27.4	6.1	2.9	Tyned	No, more	than 3" Gap			No
10/13/2016	32F49E	ALDRICH AVE S	W 99TH ST	Combined Directional	2003-101	6	6	2.2	2.9		4.8	1.9	1.7	11.6	0.4	3.5	Colored concrete	No, more	Yes			No
10/13/2016	32F49S	ALDRICH AVE S	W 99TH ST	Combined Directional		6	6	3.5	1.5		6.0	2.1	0.9	9.7	0.5	3.7	None	No, more	Yes			No
10/13/2016	32G49	ALDRICH AVE S	W 99TH ST	Perpendicular	2003-101	6	5	0.4	4.0		7.7	1.1	0.2	3.7	0.7	0.8	Colored concrete	No, more	Yes			No
10/13/2016	30A52	PORTLAND AVE S	E OLD SHAKOPEE RD	Combined Directional		5	6	2.9	5.0		8.0	0.9	3.6	9.6	5.8	5.2	Tyned	Yes, less	than 3" Gap			No
10/13/2016	8A52N	LYNDALE AVE S	W 82ND ST	Parallel	2002-204	4	4	2.8	3.8		3.4	0.3	0.1	12.9	1.2	4.7	Colored concrete	Yes, less	Yes			No
10/13/2016	8A52E	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204	4	4	0.7	2.9		5.3	0.2	0.7	7.0	1.5	3.0	Colored concrete	No, more	Yes			No
10/13/2016	8A52W	LYNDALE AVE S	W 82ND ST	Combined Directional	2002-204	4	4	1.6	1.1		3.3	1.5	2.6	12.8	2.1	0.1	Colored concrete	No, more	Yes			No
10/13/2016	8A52S	LYNDALE AVE S	W 82ND ST	Parallel	2002-204	5	6	3.3	2.9		6.3	1.0	1.2	22.0	2.1	0.7	Colored concrete	No, more	Yes			No
10/13/2016	8A49	ALDRICH AVE S	W 82ND ST	Combined Directional	2011-101	4	5	0.2	1.9		2.3	0.0	0.8	0.8	2.8	3.2	Cast iron	Yes, less	Yes			Yes
10/13/2016	8A48	ALDRICH AVE S	W 82ND ST	Combined Directional	2011-101	7	5	0.6	2.3		4.7	0.9	3.0	8.9	6.3	0.6	Cast iron	Yes, less	Yes			No
10/13/2016	8A46	BRYANT AVE S	W 82ND ST	Combined Directional	2011-101	4.5	5	0.8	1.0		3.0	0.3	0.0	5.5	2.1	4.5	Cast iron	Yes, less	Yes			Yes
10/13/2016	8A45	BRYANT AVE S	W 82ND ST	Combined Directional	2011-101	6	5	3.1	1.8		4.6	0.9	1.7	8.7	4.8	0.1	Cast iron	Yes, less	Yes			No
10/13/2016	8A43	COLFAX AVE S	W 82ND ST	Combined Directional	2011-101	5.5	5	0.1	1.1		3.3	0.4	0.7	4.2	2.3	2.1	Cast iron	Yes, less	Yes			Yes
10/13/2016	8A42	COLFAX AVE S	W 82ND ST	Combined Directional	2011-101	4.5	5	2.0	0.2		5.7	1.8	0.6	0.4	3.9	2.9	Cast iron	Yes, less	Yes			Yes
10/13/2016	8P30	GIRARD AVE S	W 85TH ST	Combined Directional		4	4	0.5	1.0		9.8	1.5	3.5	19.7	2.7	4.4	Tyned					No
10/13/2016	30A40	3RD AVE S	E OLD SHAKOPEE RD	Combined Directional		3.5	5	4.1	0.9		5.2	7.1	0.2	4.8	1.8	0.4	None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/13/2016	30A39	3RD AVE S	E OLD SHAKOPEE RD	Combined Directional		3	4	4.3	1.2		3.9	7.4	1.1	1.0	1.3	1.5	None					No
10/13/2016	30A36	2ND AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	2.9	2.3		6.3	3.4	1.3	25.2	1.6	4.8	Exposed aggregate	No, more than 3" Gap				No
10/13/2016	30A35	2ND AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	4.5	5	1.8	2.9		5.8	0.4	1.0	19.9	1.0	0.5	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A33	STEVENS AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	7	5	2.5	1.2		4.9	2.8	0.4	19.2	1.8	0.6	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A32	STEVENS AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	4.5	5	0.3	0.2		10.4	2.1	5.2	12.7	2.2	1.9	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A30	1ST AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	3.5	6.0		5.9	7.7	0.4	16.4	1.0	1.6	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A29	1ST AVE S	E OLD SHAKOPEE RD	Combined Directional	COUNTY	4	6	5.8	2.2		8.0	7.1	4.4	4.8	0.5	4.1	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A22	BLAISDELL AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	1.5	0.0		4.5	2.0	4.5	8.0	3.4	9.5	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30A23	BLAISDELL AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	5.6	0.9		3.5	6.9	1.5	0.7	1.0	1.6	Exposed aggregate	Yes, less than 3" Gap				No
10/13/2016	30N23	BLAISDELL AVE S	W 100TH ST	Combined Directional	2003-101	5	4	1.5	1.4		5.3	1.0	0.3	7.5	0.6	3.8	Colored concrete	Yes, less than 3" Gap				Yes
10/13/2016	30N22	BLAISDELL AVE S	W 100TH ST	Combined Directional		6	4	0.8	0.2		4.6	1.7	3.6	2.6	0.6	2.0	None					No
10/13/2016	30N20	WENTWORTH AVE S	W 100th St	Combined Directional		4	4	1.7	1.1		2.4	3.1	1.4	7.3	2.6	1.7	Exposed aggregate	No, more than 3" Gap				No
10/11/2016	30N40S	3RD AVE S	E 100TH ST	Combined Directional		4	4	1.9	3.5		3.1	0.7	0.7	6.0	1.3	2.0	None					No
10/11/2016	30M39	3RD AVE S	E 100TH ST			5.5	4	1.1	1.4		1.5	2.5	1.7	3.8	2.0	0.0	None					No
10/11/2016	30N39N	3RD AVE S	E 100TH ST	Combined Directional		4.5	3.5	1.1	2.7		3.8	0.9	0.9	1.2	2.7	4.9	None					No
10/11/2016	30N39E	3RD AVE S	E 100TH ST	Perpendicular		5	3.5	1.3	3.3		5.9	1.1	0.3	6.4	0.4	11.9	None					No
10/11/2016	30N40W	3RD AVE S	E 100TH ST	Combined Directional		4	4	3.4	1.2		5.3	4.0	0.4	6.8	4.4	2.6	None					No
10/11/2016	30O40	3RD AVE S	E 100TH ST	Combined Directional		5	3.5	0.7	4.1		13.3	1.1	4.1	7.6	0.1	5.5	None					No
10/11/2016	30Q40	3RD AVE S	LAYMAN LN	Combined Directional	2004-101	5	4	1.8	4.2		5.1	1.5	3.0	6.7	0.9	3.7	Colored concrete	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30R40	3RD AVE S	LAYMAN LN	Combined Directional	2004-101	4.5	4	1.4	3.5		7.4	1.6	1.9	10.1	1.0	0.2	Colored concrete	Yes, less than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z43	CLINTON AVE S	E 102ND ST	Combined Directional	2008-102	3.5	3.5	0.8	1.7		2.8	2.9	1.6	10.6	0.9	0.9	Cast iron	Yes, less than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z42	CLINTON AVE S	E 102ND ST	Combined Directional	2004-101	4	4	1.7	0.5		3.4	4.8	1.2	8.8	1.5	2.4	Colored concrete	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z40	3RD AVE S	E 102ND ST	Combined Directional	2008-102	6	3.5	3.6	2.8		6.4	5.7	0.7	10.7	2.8	1.6	Cast iron	Yes, less than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z39	3RD AVE S	E 102ND ST	Combined Directional	2008-102	3.5	4	1.0	3.0		9.6	2.2	2.1	5.9	2.7	8.8	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z36	2ND AVE S	E 102ND ST	Combined Directional	2008-102	5.5	4	1.2	0.9		1.8	0.9	1.1	9.1	1.2	4.0	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z35	2ND AVE S	E 102ND ST	Combined Directional	2008-102	5.5	4	0.1	2.8		4.4	2.2	4.8	10.5	2.4	2.8	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z33	STEVENS AVE S	E 102ND ST	Combined Directional	2008-102	5.5	4	2.7	2.7		3.4	1.6	1.0	16.8	3.1	0.1	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z32	STEVENS AVE S	E 102ND ST	Combined Directional	2008-102	5.5	3.5	2.7	0.3		2.8	5.5	1.2	12.5	1.6	3.8	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z30	1ST AVE S	E 102ND ST	Combined Directional	2008-102	4.5	4	3.8	2.6		6.4	3.9	0.8	9.8	1.6	0.7	Cast iron	Yes, less than 3" Gap	No, reconstruct to correct			No
10/11/2016	30Z29	1ST AVE S	E 102ND ST	Combined Directional	2008-102	5.5	4	2.2	0.0		3.5	6.9	0.9	12.7	3.2	1.5	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/11/2016	43P27	NICOLLET AVE S	NICOLLET CIR	Combined Directional		5	4	0.2	8.1		12.4	0.6	4.0	6.1	3.0	2.5	None					No
10/11/2016	43Q27	NICOLLET AVE S	NICOLLET CIR	Combined Directional		5	4	2.3	0.5		4.2	0.0	1.2	19.7	2.4	12.5	None					No
10/11/2016	43T26	NICOLLET AVE S	MISSION RD	Combined Directional		5	4	3.4	4.3		2.0	4.6	7.7	5.4	4.1	3.1	None					No
10/11/2016	43U26	NICOLLET AVE S	MISSION RD	Combined Directional		5	4	4.2	10.3		14.0	6.8	4.1	2.1	0.5	3.9	None					No
10/11/2016	43T27	NICOLLET AVE S	E 105TH ST	Combined Directional		5.5	4	0.3	1.2		5.9	0.6	1.3	8.1	1.5	3.6	None					No
10/11/2016	43U27	NICOLLET AVE S	E 105TH ST	Combined Directional		4.4	4	4.5	10.5		9.3	2.6	0.3	17.9	3.5	7.2	None					No
10/11/2016	43W27	NICOLLET AVE S	MISSION LN	Combined Directional		6	4	1.8	0.9		5.9	3.4	0.9	8.6	0.5	3.0	Exposed aggregate	No, more than 3" Gap				No
10/11/2016	43X27	NICOLLET AVE S	MISSION LN	Combined Directional		4.5	4	0.9	1.9		0.1	8.0	0.0	5.1	4.9	6.6	Exposed aggregate	No, more than 3" Gap				No
10/6/2016	8N52E	LYNDALE AVE S	W 84TH ST	Combined Directional	2015-101	4	5	0.8	1.7		8.2	1.1	0.8	9.9	0.2	3.3	Cast iron	Yes, less than 3" Gap	Yes			No
10/6/2016	8M52E	LYNDALE AVE S	W 84TH ST	Combined Directional	2015-101	5	4	0.8	0.1		8.8	1.8	0.4	4.4	0.5	5.7	Cast iron	Yes, less than 3" Gap	Yes			No
10/6/2016	8N52	LYNDALE AVE S	W 84TH ST	Combined Directional	2015-101	6	5	0.9	0.5		0.2	1.1	0.7	0.1	1.1	1.0	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/6/2016	8M52	LYNDALE AVE S	W 84TH ST	Combined Directional	2015-101	4	5	0.9	0.4		2.5	2.6	3.0	0.6	3.1	0.3	Cast iron	Yes, less than 3" Gap	Yes			No
10/6/2016	8G52	LYNDALE AVE S	W 83RD ST	Combined Directional	2015-101	9	5	0.5	0.4		5.4	0.2	0.3	0.5	2.3	2.7	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/6/2016	8F52	LYNDALE AVE S	W 83RD ST	Combined Directional	2015-101	4	5	1.9	2.1		6.2	1.0	0.6	4.0	2.2	1.9	Cast iron	Yes, less than 3" Gap	No, reconstruct to correct			No
10/6/2016	8U52	LYNDALE AVE S	W 85TH ST	Combined Directional	2015-101	4.5	5	1.9	3.7		5.5	0.6	0.4	5.0	3.0	0.1	Cast iron	Yes, less than 3" Gap	No, reconstruct to correct			No
10/6/2016	8T52	LYNDALE AVE S	W 85TH ST	Combined Directional	2015-101	5.5	5	1.3	1.3		6.3	4.5	3.4	12.0	1.6	1.3	Cast iron	Yes, less than 3" Gap	Yes			No
10/6/2016	8Z49	ALDRICH AVE S	W 86TH ST	Combined Directional		5	5	1.8	3.9		8.3	0.9	0.9	10.0	2.5	0.0	Colored concrete	No, more than 3" Gap	No, reconstruct to correct			<Null>
10/6/2016	8Z48	ALDRICH AVE S	W 86TH ST	Combined Directional		5	5	2.4	0.6		2.1	3.1	1.0	13.5	1.5	0.6	Colored concrete	No, more than 3" Gap	No, reconstruct to correct			<Null>
10/6/2016	8Z46	BRYANT AVE S	W 86TH ST	Combined Directional		5	5	0.8	0.7		4.8	2.9	2.0	22.5	0.3	1.7	Tyned					<Null>
10/6/2016	8Z45	BRYANT AVE S	W 86TH ST	Combined Directional		4	5	2.0	3.5		8.8	1.5	5.4	1.0	6.2	0.9	None					<Null>

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/6/2016	8Z36	EMERSON AVE S	W 86TH ST	Combined Directional		4.5	5	2.6	2.3		13.3	10.2	2.0	11.6	6.0	2.3	Tyred					<Null>
10/6/2016	8Z35	EMERSON AVE S	W 86TH ST	Combined Directional	2004-102	4	4.5	1.3	0.2		6.8	14.7	6.7	6.3	9.1	4.0	Colored concrete	Yes, less	No, reconstruct to correct			<Null>
10/6/2016	8Z33	FREMONT AVE S	W 86TH ST	Combined Directional		4.5	5	2.1	0.2		0.3	8.7	1.5	6.4	0.4	3.3	None					<Null>
10/6/2016	8Z17	KNOX AVE S	W 86TH ST	Combined Directional	2010-101	5	5	1.0	1.3		5.0	5.5	0.8	4.5	0.2	1.7	Cast iron	Yes, less	No, reconstruct to correct			No
10/6/2016	8Z16	KNOX AVE S	W 86TH ST	Combined Directional	2010-101	6	5	2.3	0.3		6.0	5.2	0.5	0.7	1.2	1.0	Cast iron	Yes, less	No, reconstruct to correct			No
10/6/2016	8Z0W	PENN AVE S	W 86TH ST	Combined Directional	2010-101	3	6	0.8	1.8		0.1	1.1	2.6	12.7	0.6	4.2	Cast iron	Yes, less	Yes			Yes
10/6/2016	8Z0S	PENN AVE S	W 86TH ST	Combined Directional	2010-101	3	4	6.4	5.5		5.2	7.3	3.8	17.7	3.3	0.7	Cast iron	No, more	Yes			No
10/6/2016	8Z0N	PENN AVE S	W 86TH ST	Combined Directional	2010-101	2	4	4.7	4.6		6.0	4.7	2.8	14.3	4.2	0.3	Cast iron	Yes, less	Yes			No
10/6/2016	08Y01	PENN AVE S	W 86TH ST	Combined Directional	2010-101	6	5	1.9	7.8		3.6	3.6	4.9	9.0	3.7	0.4	Cast iron	Yes, less	Yes			No
10/6/2016	8M0	PENN AVE S	W 84TH ST	Combined Directional	2014-102	2	4	5.0	6.0		5.0	3.5	0.3	1.4	3.3	6.0	Cast iron	Yes, less	Yes			No
10/6/2016	8N0	PENN AVE S	W 84TH ST	Combined Directional	2014-102	4	5	3.5	0.3		2.3	1.3	2.1	0.9	1.5	6.2	Cast iron	Yes, less	Yes			Yes
10/6/2016	8U1	PENN AVE S	PENN CIR	Combined Directional		6	5	2.6	0.7		11.6	2.0	0.4	3.8	2.2	0.5	None					No
10/6/2016	8V1	PENN AVE S	PENN CIR	Combined Directional		5	5	4.1	2.3		4.1	10.0	3.3	6.0	3.2	5.6	None					No
10/6/2016	9J1	FRANCE AVE S	W 78TH ST	Combined Directional		5	4	2.1	2.9		13.0	1.9	1.4	1.1	0.7	0.4	None					No
10/6/2016	9F0	FRANCE AVE S	W 78TH ST	Combined Directional		5	5.5	2.2	1.6		6.9	3.3	1.2	3.7	1.6	1.8	None					No
10/6/2016	9F1	FRANCE AVE S	W 78TH ST	Combined Directional		5.5	5	1.2	0.2		6.6	0.5	0.4	3.6	0.8	2.4	None					No
10/6/2016	9.00E+00	FRANCE AVE S	W 78TH ST	Combined Directional		5	4	2.5	2.7		13.9	0.8	2.3	2.3	1.3	2.5	None					No
10/6/2016	9.00E+02	FRANCE AVE S	W 78TH ST	Combined Directional		5	8.5	0.9	0.9		7.5	1.6	1.4	6.1	1.9	2.4	None					No
10/6/2016	32M26	HUMBOLDT AVE S	W 100th st	Combined Directional	2008-102	5	5	3.9	2.1		9.4	5.9	0.8	0.2	0.4	1.5	Cast iron	No, more	No, reconstruct to correct			No
10/6/2016	32M27	HUMBOLDT AVE S	W 100th st	Combined Directional	2008-102	5	4	1.5	3.5		10.2	2.6	0.6	6.3	1.5	6.6	Cast iron	Yes, less	No, reconstruct to correct			No
10/6/2016	30Z14	PLEASANT AVE S	W 102ND ST	Combined Directional	2015-102	5	4	1.6	0.3		2.2	2.7	2.0	2.7	1.4	5.0	Cast iron	Yes, less	Yes			No
10/6/2016	30Z13	PLEASANT AVE S	W 102ND ST	Combined Directional	2015-102	5	4	3.1	0.9		5.3	4.9	0.5	4.2	2.6	5.6	Cast iron	Yes, less	Yes			No
10/6/2016	43A13	PLEASANT AVE S	W 102ND ST	Combined Directional	2015-102	5	4	3.1	0.4		2.5	2.8	1.8	4.1	1.3	3.3	Cast iron	Yes, less	Yes			No
10/6/2016	43A14	PLEASANT AVE S	W 102ND ST	Combined Directional	2015-102	5	4	1.8	0.4		1.2	0.3	0.8	4.2	2.0	1.4	Cast iron	Yes, less	Yes			Yes
10/6/2016	30Z9	GRAND AVE S	W 102nd St	Combined Directional	2015-102	5	4	2.2	0.3		5.0	4.0	1.5	7.7	2.3	0.5	Cast iron	Yes, less	Yes			No
10/6/2016	30Z8	GRAND AVE S	W 102nd St	Combined Directional	2015-102	5	4	2.3	0.6		1.5	2.9	0.9	8.5	0.9	3.0	Cast iron	Yes, less	Yes			No
10/6/2016	43A9	GRAND AVE S	W 102ND ST	Combined Directional	2015-102	5	4	2.1	0.6		2.0	2.8	2.1	5.0	1.1	5.8	Cast iron	Yes, less	Yes			No
10/6/2016	43A10	GRAND AVE S	W 102ND ST	Combined Directional	2015-102	5	4	4.8	3.6		6.0	1.4	1.7	8.8	3.7	2.1	Cast iron	Yes, less	Yes			No
10/6/2016	30Z0	LYNDALE AVE S	W 102nd St	Combined Directional	2015-102	4	4	0.5	1.4		5.6	3.1	1.3	2.1	1.8	5.0	Cast iron	Yes, less	No, reconstruct to correct			No
10/6/2016	43A0	LYNDALE AVE S	W 102nd St	Fan	2015-102	4	4	1.1	1.3		0.9	1.3	2.1	2.7	1.6	5.8	Cast iron	Yes, less	than 3" Gap			Yes
10/6/2016	31Z36		W 98TH ST	Combined Directional		6	6	1.0	0.0		5.5	0.3	3.7	7.9	8.1	2.1	None					No
10/6/2016	31Z35		W 98TH ST	Combined Directional	SP 2782-22	5.5	6	3.2	1.0		8.9	5.3	5.6	4.7	4.8	1.1	Cast iron	No, more	No, reconstruct to correct			No
10/6/2016	31Z31	GIRARD AVE S	W 98TH ST	Combined Directional	2016-102	6	6	1.6	0.9		2.7	1.9	0.9	0.3	1.7	0.9	Cast iron	Yes, less	Yes			Yes
10/6/2016	31Z30	GIRARD AVE S	W 98TH ST	Combined Directional	2016-102	6	6	0.4	0.2		3.9	0.2	1.0	3.6	1.9	2.9	Cast iron	Yes, less	Yes			Yes
10/4/2016	32Z27	HUMBOLDT AVE S	W 98TH ST	Combined Directional	2016-102	5	5	1.1	5.2		5.6	4.5	0.2	3.3	2.5	1.5	Cast iron	Yes, less	Yes			No
10/4/2016	32Z26	HUMBOLDT AVE S	W 98TH ST	Combined Directional	2016-102	5	6	2.1	2.3		4.4	3.8	1.5	8.2	0.2	5.5	Cast iron	Yes, less	Yes			No
10/4/2016	33Z24	IRVING AVE S	W 98TH ST	Combined Directional	2016-102	6.5	6	4.5	3.9		7.4	4.5	1.9	4.5	2.5	4.6	Cast iron	No, more	No, reconstruct to correct			No
10/4/2016	32Z23	IRVING AVE S	W 98TH ST	Combined Directional	2016-102	7	5	2.4	2.3		5.2	0.8	0.1	3.1	0.6	4.6	Cast iron	Yes, less	No, reconstruct to correct			No
10/4/2016	32B28S	W OLD SHAKOPEE RD	W 98TH ST	Diagonal		5	5	0.9	2.8		9.3	2.1	1.9	3.6	0.6	4.4	None					No
10/4/2016	32B28N	W OLD SHAKOPEE RD	W 98TH ST	Combined Directional		8	8	3.2	7.8		11.7	3.7	2.3	8.1	1.7	4.3	None					No
10/4/2016	32A28	W OLD SHAKOPEE RD	W 98TH ST	Combined Directional		8	10	0.1	7.5		2.6	1.6	2.2	2.5	1.1	0.6	None					No
10/4/2016	32A27	W OLD SHAKOPEE RD	W 98TH ST	Combined Directional	2006-102	4.5	6	3.9	1.6		9.5	4.7	7.5	0.3	2.6	2.1	Colored concrete	Yes, less	No, reconstruct to correct			No
10/4/2016	32B36	EMERSON AVE S	W OLD SHAKOPEE RD	Combined Directional		6.5	5	1.3	0.3		4.5	1.6	3.6	5.3	1.5	2.9	Exposed aggregate	No, more	than 3" Gap			No
10/4/2016	31Z38	DUPONT AVE S	W 98TH ST	Combined Directional	SP 2782-22	6	7	2.8	3.8		4.9	1.3	0.7	6.5	2.1	2.6	Cast iron	Yes, less	Yes			No
10/4/2016	31Z39W	DUPONT AVE S	W 98TH ST	Combined Directional	SP 2782-22	4	5	0.3	0.9		6.9	0.7	1.5	4.7	1.4	2.0	Exposed aggregate	No, more	than 3" Gap			No
10/4/2016	31Z39N	DUPONT AVE S	W 98TH ST	Combined Directional		5	5	2.2	0.0		12.4	1.7	2.1	5.1	1.1		None					No
10/4/2016	31Z39S	DUPONT AVE S	W 98TH ST														None					No
10/4/2016	31Z39E	DUPONT AVE S	W 98TH ST	Perpendicular		4	5	0.6	0.6		5.5	0.1	1.0	7.0	0.9	3.5	None					No
10/4/2016	32A38	DUPONT AVE S	W 98TH ST	Fan	2011-102	6	5	0.9	6.9		11.6	1.1	0.4	10.7	0.1	1.1	Cast iron	Yes, less	No, reconstruct to correct			No
10/4/2016	32A39	DUPONT AVE S	W 98TH ST	Combined Directional	2011-102	4.5	6	3.9	8.4		8.7	5.1	2.0	8.2	0.6	1.0	Cast iron	No, more	No, reconstruct to correct			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/4/2016	31Z40S	I-35W SB RAMP	W 98TH ST	Combined Directional	STATE	4	6	3.5	1.8		8.3	1.9	0.4	3.7	0.6	0.1	Exposed aggregate	No, more than 3" Gap				No
10/4/2016	31Z40N	I-35W SB RAMP	W 98TH ST	Combined Directional	STATE	2.5	5.5	5.5	0.9		11.8	0.0	2.8	1.6	2.7	2.1	Exposed aggregate	No, more than 3" Gap				No
10/4/2016	32A42W	I-35W SB RAMP	W 98TH ST	One-Way Directional		6	6	2.9	0.1		3.6	5.1	2.0	8.4	0.8	4.8	None					No
10/4/2016	32A42E	I-35W SB RAMP	W 98TH ST	One-Way Directional		6.5	7	3.8	4.4		10.7	1.5	0.1	13.8	0.1	2.3	None					No
10/4/2016	32L14-1	LOGAN AVE S	W OLD SHAKOPEE RD	Diagonal		5	6	3.5	1.4		2.1	2.9	2.0	14.4	0.7	1.2	Tyned	Yes, less	No, reconstruct to correct			No
10/4/2016	32K14	LOGAN AVE S	W OLD SHAKOPEE RD	Combined Directional		5	8	0.1	0.2		8.1	2.7	2.9	3.0	0.4	2.8	Tyned	Yes, less	No, reconstruct to correct			No
10/4/2016	32F20	IRVING AVE S	W OLD SHAKOPEE RD	Combined Directional		5	4	0.9	1.0		10.5	0.3	4.7	3.8	3.8	2.9	None		No, reconstruct to correct			No
10/4/2016	3.20E+22	IRVING AVE S	W OLD SHAKOPEE RD	Combined Directional		4	4.5	1.5	2.7		14.2	0.2	0.7	2.7	2.3	4.8	Exposed aggregate	No, more than 3" Gap				No
10/4/2016	32F21	IRVING AVE S	W OLD SHAKOPEE RD	Combined Directional		4.5	4.5	0.1	0.3		10.0	1.0	3.1	0.3	1.1	6.1	Exposed aggregate	No, more than 3" Gap				No
10/4/2016	3.20E+23	IRVING AVE S	W OLD SHAKOPEE RD	Combined Directional		5	4	1.8	1.8		11.0	0.3	2.1	6.3	1.3	2.3	None					No
10/4/2016	32D22	IRVING AVE S	W Old Shakopee Rd	Combined Directional		4	5	3.3	3.4		4.9	1.2	1.8	4.0	2.3	1.7	None		No, reconstruct to correct			No
10/4/2016	32N44	W BLOOMINGTON FWY	W 100TH ST	Combined Directional	2011-102	7	6	1.3	3.1		4.3	0.0	1.5	0.2	1.2	3.1	Cast iron	No, more	Yes			Yes
10/4/2016	41A44	W BLOOMINGTON FWY	W 102ND ST	One-Way Directional	2012-102	5	5	0.1	7.0		6.0	2.0	7.0	0.7	9.1	9.4	Cast iron	Yes, less	Yes			No
10/4/2016	32V52	LYNDALE AVE S	LYNDALE CIR	Perpendicular	2010-101	5.5	5	1.1	5.5		6.1	0.4	3.8	4.6	0.5	0.4	Cast iron	Yes, less	Yes			No
10/4/2016	32U52	LYNDALE AVE S	LYNDALE CIR	Perpendicular	2010-101	5	5	2.6	3.8		6.3	0.1	1.3	5.2	1.0	0.3	Cast iron	Yes, less	No, reconstruct to correct			No
10/4/2016	30G00N	LYNDALE AVE S	W 99TH ST	Combined Directional	2010-101	4	4	0.4	1.5		2.5	1.5	0.1	7.7	1.0	1.1	Cast iron	No, more	Yes			No
10/4/2016	30G00W	LYNDALE AVE S	W 99TH ST	Combined Directional	2010-101	0	4	2.0	0.8		1.6	1.6	1.4	3.6	1.9	0.4	Cast iron	Yes, less	Yes			Yes
10/4/2016	32G52N	LYNDALE AVE S	W 99TH ST	Tiered Perpendicular	2010-101	9	7	1.8	4.0		5.2	1.3	1.4	7.7	0.1	3.3	Cast iron	No, more	Yes			No
10/4/2016	32G52S	LYNDALE AVE S	W 99TH ST	Tiered Perpendicular		5.5	9	0.2	2.9		6.5	2.2	3.0	9.0	3.9	0.5	Cast iron	Yes, less	Yes			<Null>
10/4/2016	32H52N	LYNDALE AVE S	W 99TH ST	Perpendicular	COUNTY	4.5	6	2.5	4.6		5.9	1.5	1.6	6.6	2.0	1.9	Colored concrete	No, more	Yes			No
10/4/2016	32H52S	LYNDALE AVE S	W 99TH ST	Perpendicular	COUNTY	6	6	0.7	3.5		4.4	0.0	1.5	6.7	2.0	4.6	Colored concrete	Yes, less	No, reconstruct to correct			No
10/4/2016	30H00W	LYNDALE AVE S	W 99th St	Combined Directional	COUNTY	4	5	4.7	1.2		8.1	1.0	6.2	11.1	3.2	2.2	Cast iron	Yes, less	Yes			No
10/4/2016	30H00N	LYNDALE AVE S	W 99TH ST	Combined Directional	2007-102	5	6	1.0	0.9		2.6	4.2	5.5	6.4	6.0	3.1	Cast iron	Yes, less	No, reconstruct to correct			No
10/4/2016	30G00S	LYNDALE AVE S	W 99TH ST	Combined Directional	2010-101	5.5	7	6.3	1.8		7.2	3.5	2.1	20.2	2.7	0.6	Cast iron	Yes, less	Yes			No
10/4/2016	3.00E+01	LYNDALE AVE S		Combined Directional	2010-101	5.5	13	0.8	3.0		1.9	0.8	0.6	7.2	0.8	1.6	Cast iron	Yes, less	Yes			No
10/4/2016	30D00	LYNDALE AVE S		Combined Directional	2010-101	5.5	13	0.3	0.2		3.9	2.1	2.9	5.8	1.0	2.0	Cast iron	Yes, less	Yes			No
10/4/2016	3.20E+53	LYNDALE AVE S		Combined Directional	2010-101	5.5	14	0.8	1.0		2.1	0.3	3.8	3.3	0.3	0.6	Cast iron	Yes, less	Yes			Yes
10/4/2016	32D52	LYNDALE AVE S		Combined Directional	2010-101	5.5	13	1.3	0.8		4.6	1.7	0.6	7.7	1.0	0.8	Cast iron	Yes, less	Yes			Yes
9/29/2016	32A50	ALDRICH AVE S	W OLD SHAKOPEE RD	Combined Directional	SP 2782-22	5.5	13	2.1	1.6		3.9	4.0	1.4	3.5	1.3	1.9	Cast iron	No, more	Yes			No
9/29/2016	32A49	ALDRICH AVE S	W OLD SHAKOPEE RD	Combined Directional	SP 2782-22	5	6	0.5	2.8		5.7	2.6	3.0	1.4	0.8	4.5	Cast iron	No, more	No, reconstruct to correct			No
9/29/2016	32A48	Frontage Rd	W 98th st	Combined Directional	SP 2782-22	6.5	6	0.6	1.7		2.3	4.8	0.4	1.1	4.0	2.2	Cast iron	Yes, less	Yes			No
9/29/2016	30A1	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	6	9	0.1	2.8		5.6	1.0	1.8	6.3	0.2	2.7	Cast iron	No, more	No, reconstruct to correct			No
9/29/2016	30A1S	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	5.5	10	0.0	2.7		5.3	4.0	1.0	5.3	1.4	3.4	Cast iron	Yes, less	No, reconstruct to correct			No
9/29/2016	32A52S	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	4.5	5.5	0.2	0.2		2.6	0.2	0.6	9.5	0.5	2.9	Cast iron	No, more	Yes			No
9/29/2016	32A51W	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	4	14	1.8	0.6		6.0	0.1	1.3	6.1	1.0	4.0	Cast iron	No, more	No, reconstruct to correct			No
9/29/2016	32A51E	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	4.5	5.5	0.7	1.4		4.3	0.6	0.1	8.8	0.5	2.8	Cast iron	No, more	Yes			No
9/29/2016	32A52N	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	5	5	2.6	0.5		4.7	1.0	0.4	2.9	0.1	3.5	Cast iron	No, more	Yes			No
9/29/2016	31Z52S	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	6	6	0.6	0.5		5.0	0.0	0.2	9.4	0.4	3.2	Cast iron	No, more	Yes			No
9/29/2016	31Y51	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	4	13	2.0	1.5		1.1	1.0	0.0	5.4	0.8	2.4	Cast iron	No, more	Yes			No
9/29/2016	31Z52W	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	6	6	2.0	1.1		10.0	0.9	0.0	7.5	0.9	3.0	Cast iron	No, more	Yes			No
9/29/2016	31Z52E	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	6	7	0.2	1.3		9.2	0.2	1.4	8.1	1.3	3.3	Cast iron	No, more	Yes			No
9/29/2016	29Z0	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	7	7	0.4	1.0		3.7	0.1	0.5	2.3	4.1	0.8	Cast iron	No, more	Yes			Yes
9/29/2016	29Z1S	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	7	7	0.4	0.7		4.1	0.1	0.2	14.9	0.6	2.4	Cast iron	Yes, less	Yes			Yes
9/29/2016	29Y1	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	5.5	5.5	0.7	0.2		5.0	0.5	3.8	3.4	2.4	0.6	Cast iron		Yes			Yes
9/29/2016	29Z1	LYNDALE AVE S	W 98TH ST	Combined Directional	2010-101	5	13	3.7	1.0		9.8	0.6	0.7	3.7	0.2	3.6	Cast iron	No, more	Yes			No
9/29/2016	43A7	HARRIET AVE S	W 102ND ST	Combined Directional	2015-102	5	4	2.8	0.1		2.0	3.3	1.7	6.9	0.1	5.0	Cast iron	Yes, less	Yes			No
9/29/2016	43A6	HARRIET AVE S	W 102ND ST	Combined Directional	2015-102	4	4	4.7	1.2		7.6	5.2	0.1	5.5	2.0	2.4	Cast iron	Yes, less	Yes			No
9/29/2016	30Z6	HARRIET AVE S	W 102ND ST	Combined Directional	2009-102	5	4	2.0	2.7		8.8	2.9	0.9	2.6	0.0	0.4	Cast iron	Yes, less	Yes			No
9/29/2016	30Z7	HARRIET AVE S	W 102ND ST	Combined Directional	2009-102	5	4	2.6	0.5		6.4	3.3	0.9	2.4	1.1	5.0	Cast iron	Yes, less	Yes			No
9/29/2016	30H13	PLEASANT AVE S	W 99TH ST	Combined Directional		5	5	2.9	1.7		7.4	0.1	2.0	2.7	2.2	2.8	None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
9/29/2016	30A4W	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5.5	8.5	1.0	4.0		10.2	0.3	2.3	6.3	0.2	2.5	Cast iron	No, more	Yes			No
9/29/2016	30A4E	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	4	4	5.0	1.4		9.3	6.7	2.7	6.3	3.6	0.5	Cast iron	No, more	Yes			No
9/29/2016	30A5W	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	7	6.2	3.9		5.8	2.0	5.5	6.0	5.1	1.7	Cast iron	No, more	No, reconstruct to correct			No
9/29/2016	30A5E	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	6	8	1.4	4.2		13.9	0.9	1.3	11.8	0.5	1.4	Cast iron	No, more	Yes			No
9/29/2016	30A8N	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	7	2.6	0.9		7.3	2.8	3.3	9.3	0.6	3.7	Cast iron	Yes, less	Yes			No
9/29/2016	30A8S	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	8	5	0.7	3.1		8.9	0.4	1.0	6.6	1.6	4.4	Cast iron	No, more	Yes			No
9/29/2016	30A9S	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional		6	6	5.7	2.3		11.0	1.4	0.5	3.1	1.6	1.1	None					No
9/29/2016	30A9	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional		7	5	0.5	3.6		8.4	1.5	1.4	0.1	1.0	1.3	Tyned					No
9/29/2016	30A13	PLEASANT AVE S	E OLD SHAKOPEE RD	Combined Directional	2010-102	5	5	3.7	0.2		4.7	4.4	1.9	6.7	1.4	2.3	Cast iron	Yes, less	Yes			No
9/29/2016	30A14	PLEASANT AVE S	E OLD SHAKOPEE RD	Combined Directional	2010-102	5	5	4.0	1.1		6.2	6.3	1.8	2.1	2.8	1.6	Cast iron	No, more	Yes			No
9/29/2016	30A16	PILLSBURY AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	1.5	1.6		5.7	1.4	4.6	5.5	3.6	1.1	Exposed aggregate	Yes, less	than 3" Gap			Yes
9/29/2016	30A17	PILLSBURY AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	1.5	0.4		11.4	5.6	0.3	1.0	3.0	0.3	Exposed aggregate	Yes, less	than 3" Gap			No
9/29/2016	30A19	WENTWORTH AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	6	5	0.3	1.5		5.4	1.4	2.0	3.5	2.0	2.0	Exposed aggregate	Yes, less	than 3" Gap			Yes
9/29/2016	30A20	WENTWORTH AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	3.0	2.6		11.0	3.8	4.2	5.4	4.7	1.7	Exposed aggregate	Yes, less	than 3" Gap			No
9/29/2016	29Z05N	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	4	0.6	1.9		3.4	3.0	0.6	4.5	0.5	4.9	Cast iron	Yes, less	Yes			No
9/29/2016	29Z05S	GARFIELD AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	11	1.0	2.1		5.9	0.2	5.0	2.3	2.3	3.0	Cast iron	Yes, less	Yes			No
9/29/2016	29Z093	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	2010-102	5	5	0.7	3.9		4.3	1.3	0.9	3.3	0.7	4.8	Cast iron	Yes, less	Yes			Yes
9/29/2016	29Z092	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	2010-102	5	5	2.6	0.5		6.7	2.9	0.5	9.9	2.3	1.7	Cast iron	Yes, less	Yes			No
9/29/2016	29Z091	GRAND AVE S	W OLD SHAKOPEE RD	Combined Directional	2010-102	6	6	4.5	0.7		8.4	1.3	0.2	2.8	2.0	2.0	Cast iron	No, more	Yes			No
9/29/2016	29Z12	PLEASANT AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	6	6	2.8	0.3		2.4	3.4	1.1	3.0	0.8	0.3	Exposed aggregate	Yes, less	than 3" Gap			No
9/29/2016	29Z13	PLEASANT AVE S	W OLD SHAKOPEE RD	Combined Directional	COUNTY	5	5	4.3	0.0		6.5	6.8	0.2	6.3	2.0	3.8	Exposed aggregate	Yes, less	than 3" Gap			No
9/29/2016	29W13	PLEASANT AVE S	W 97TH ST	Combined Directional	2009-102	5	5	2.7	3.2		5.3	3.3	0.4	8.4	2.9	2.9	Cast iron	Yes, less	Yes			No
9/29/2016	29O13	PLEASANT AVE S	W 96TH ST	Combined Directional	2009-102	4	4	4.0	1.4		5.5	3.0	0.2	4.9	1.3	4.2	Cast iron	Yes, less	Yes			No
9/29/2016	29N13	PLEASANT AVE S	W 96TH ST	Combined Directional	2009-102	4	4	2.7	3.6		6.4	3.4	0.0	0.9	2.7	4.3	Cast iron	Yes, less	Yes			No
9/29/2016	29I7	GRAND AVE S	W 95TH ST	Combined Directional	2007-101	4.5	4	3.0	0.3		1.3	3.8	1.6	2.0	0.2	3.7	Cast iron	Yes, less	Yes			No
9/29/2016	29H7	GRAND AVE S	W 95TH ST	Combined Directional	2007-101	5	4	1.5	0.1		1.7	1.2	1.3	3.8	0.5	4.1	Cast iron	No, more	Yes			Yes
9/29/2016	29H8	GRAND AVE S	W 95TH ST	Combined Directional	2007-101	5	4	1.9	1.7		4.1	0.3	2.5	5.1	0.9	2.3	Cast iron	Yes, less	Yes			Yes
9/27/2016	7N5	NEWTON AVE S	AMERICAN BLVD W	Depressed Corner	2011-302	8	8	1.6	1.3		3.7	5.2	0.5	3.3	0.0	1.6	Cast iron	No, more	Yes			No
9/27/2016	7N6	NEWTON AVE S	AMERICAN BLVD W	Depressed Corner	2011-302	6	8	1.3	1.5		4.6	1.7	2.1	0.4	1.5	0.5	Cast iron	No, more	Yes			No
9/27/2016	7N10	MORGAN CIR	AMERICAN BLVD W	Depressed Corner	2002-203	7.5	8	1.5	1.9		5.0	0.8	2.0	8.2	2.5	0.1	Colored concrete	Yes, less	Yes			Yes
9/27/2016	7N9	MORGAN CIR	AMERICAN BLVD W	Depressed Corner	2002-203	10	8	0.4	1.9		3.4	0.4	3.0	10.9	2.5	1.5	Colored concrete	Yes, less	Yes			Yes
9/27/2016	7M9	MORGAN CIR	AMERICAN BLVD W	Combined Directional	2002-203	3	8	3.3	0.9		8.2	4.3	1.5	8.5	2.2	1.0	Colored concrete	Yes, less	Yes			No
9/27/2016	7M10W	MORGAN CIR	AMERICAN BLVD W	Combined Directional	2002-203	4	4	3.9	0.1		0.4	3.6	2.4	14.8	3.2	1.2	Colored concrete	Yes, less	Yes			No
9/27/2016	710MS	MORGAN CIR	AMERICAN BLVD W	Combined Directional	2002-203	4	4	0.4	3.6		3.4	1.2	0.0	9.4	0.1	1.7	Colored concrete	Yes, less	Yes			Yes
9/27/2016	7M10E	MORGAN CIR	AMERICAN BLVD W	Combined Directional	2002-203	4	4	3.9	1.1		6.3	1.5	2.1	3.2	5.2	3.2	Colored concrete	Yes, less	Yes			No
9/27/2016	7M11	MORGAN CIR	AMERICAN BLVD W	Depressed Corner	2002-203	5.5	8	2.3	0.3		2.3	3.8	4.0	8.4	6.4	2.2	Colored concrete	Yes, less	Yes			No
9/27/2016	7M18S	KNOX AVE S	AMERICAN BLVD W	Diagonal	2018-905	8	15	0.5	1.5		4.3	0.3	0.4	1.2	0.3	0.2	Cast iron	Yes, less	Yes			Yes
9/27/2016	7M17S	KNOX AVE S	AMERICAN BLVD W	Diagonal	2018-905	7	15	1.9	0.5		2.1	1.2	2.2	0.4	0.4	1.0	Cast iron	Yes, less	Yes			Yes
9/27/2016	07J33	FREMONT AVE S	AMERICAN BLVD W	Combined Directional	2001-201	8	8	1.4	0.6		4.4	4.1	1.9	7.8	1.3	2.5	Cast iron	No, more	No, reconstruct to correct			No
9/27/2016	07J34	FREMONT AVE S	AMERICAN BLVD W	Combined Directional	2001-201	7	8	2.0	0.1		5.5	1.0	2.6	5.1	0.8	2.5	Cast iron	No, more	No, reconstruct to correct			No
9/27/2016	7J39	DUPONT AVE S	AMERICAN BLVD W	Combined Directional	2005-201	6	7	0.5	2.2		4.3	5.0	0.4	14.9	0.6	1.8	Cast iron	Yes, less	No, reconstruct to correct			No
9/27/2016	7J40	DUPONT AVE S	AMERICAN BLVD W	Combined Directional	2005-201	6	6	2.6	1.2		5.8	1.4	3.7	10.3	2.6	1.6	Cast iron	Yes, less	No, reconstruct to correct			No
9/27/2016	7K40	DUPONT AVE S	AMERICAN BLVD W	Combined Directional	2005-201	9	8	2.4	1.4		6.5	1.6	2.5	9.1	0.7	2.2	Cast iron	Yes, less	No, reconstruct to correct			No
9/27/2016	7M39	DUPONT AVE S	W 80TH ST	Combined Directional		5	5	2.9	5.7		8.1	3.0	0.7	15.2	1.9	3.3	Tyned	No, more	than 3" Gap			No
9/27/2016	7M38	DUPONT AVE S	W 80TH ST	Combined Directional		4.5	5	3.5	1.2		0.7	3.0	1.7	29.0	1.6	3.6	Tyned	No, more	than 3" Gap			No
9/27/2016	7R18	KNOX AVE S	W 81ST ST	Diagonal	2018-905	5	6	0.2	1.1		8.2	1.7	1.1	0.6	1.9	4.3	Cast iron	Yes, less	Yes			Yes
9/27/2016	7S18	KNOX AVE S	W 81ST ST	Depressed Corner	2018-905						1.2	1.4	1.0	0.7	2.4	1.7	Cast iron	Yes, less	Yes			Yes
9/22/2016	7S22	IRVING AVE S	W 81ST ST	Diagonal		7	5	1.9	1.0		9.1	1.4	0.2	4.5	2.3	3.3	None					No
9/22/2016	7W14	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	5.5	6	1.9	0.4		6.5	1.9	1.1	4.5	0.4	1.3	Cast iron	Yes, less	Yes			Yes
9/22/2016	7W15	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	5	6	0.9	1.3		6.6	1.5	0.4	4.0	0.6	1.2	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
9/22/2016	7Y15S	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	5	6	0.9	1.1		2.8	0.9	2.2	4.2	0.7	0.7	Cast iron	Yes, less	Yes			Yes
9/22/2016	7Y15E	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	5	6	0.7	0.3		3.1	0.0	0.5	7.5	0.6	0.2	Cast iron	Yes, less	Yes			Yes
9/22/2016	7Y16E	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	6	5	1.9	0.8		4.3	0.6	0.5	4.9	0.5	4.0	Cast iron	Yes, less	Yes			Yes
9/22/2016	7Y17	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	6	5	0.5	2.3		9.4	0.8	1.5	7.2	1.2	3.0	Cast iron	Yes, less	Yes			No
9/22/2016	7Y23	I-35W SB RAMP	W 82ND ST	Depressed Corner	2012-101	5	6	1.6	0.6		0.7	1.1	2.5	5.7	1.9	2.1	Cast iron	Yes, less	Yes			Yes
9/22/2016	7Y23	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	3.5	6	3.7	7.0		6.5	2.2	1.9	6.8	2.2	0.9	Cast iron	No, more	Yes			No
9/22/2016	7y25	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	5	6	1.9	1.8		4.4	0.1	1.6	6.2	3.4	1.2	Cast iron	Yes, less	Yes			Yes
9/22/2016	7Y24	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	6	5	3.3	3.6		5.8	0.1	1.9	14.4	2.5	1.8	Cast iron	Yes, less	Yes			No
9/22/2016	7Z24	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	5	5	3.6	0.1		3.8	1.5	1.3	6.3	1.4	5.2	Cast iron	Yes, less	than 3" Gap			Yes
9/22/2016	8B26	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	5	5	0.2	0.7		3.0	0.3	0.9	5.0	1.3	1.6	Cast iron	Yes, less	Yes			Yes
9/22/2016	8A25	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	6	6	0.4	1.8		0.6	0.6	1.4	1.9	0.6	2.2	Cast iron	Yes, less	Yes			Yes
9/22/2016	8B25E	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	5	6	2.3	1.3		1.3	1.9	1.0	0.2	2.0	3.0	Cast iron	No, more	Yes			No
9/22/2016	8B25S	I-35W SB RAMP	W 82ND ST	Combined Directional	2012-101	6	9	0.5	1.5		0.3	1.9	1.8	8.5	1.4	1.1	Cast iron	Yes, less	Yes			Yes
9/22/2016	8B24	I-35W SB RAMP	W 82ND ST	Perpendicular	2012-101	6	8	3.9	0.9		4.1	0.2	0.1	0.9	1.8	2.2	Cast iron	Yes, less	Yes			No
9/22/2016	8B23	IRVING AVE S	W 82ND ST	Combined Directional	2012-101	6	6	1.7	1.7		3.0	1.4	1.8	2.6	1.1	2.9	Cast iron	Yes, less	Yes			Yes
9/22/2016	8B22	IRVING AVE S	W 82ND ST	Combined Directional	2012-101	3	4	1.4	1.1		7.2	3.5	1.3	0.1	2.2	2.0	Cast iron	No, more	Yes			No
9/22/2016	8B20	JAMES AVE S	W 82ND ST	Combined Directional	2012-101	5	5	1.1	1.5		4.6	1.8	0.9	1.8	1.4	4.1	Cast iron	Yes, less	Yes			Yes
9/22/2016	8B19	JAMES AVE S	W 82ND ST	Perpendicular	2012-101	5	5	1.9	0.7		5.2	2.9	2.0	4.5	1.1	2.8	Cast iron	Yes, less	Yes			No
9/22/2016	8A17	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	6	5	1.0	0.9		8.3	1.0	0.0	2.9	0.6	2.5	Cast iron	No, more	Yes			Yes
9/22/2016	8B17	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	5	6	2.0	4.2		3.3	3.1	0.6	1.3	0.2	2.8	Cast iron	Yes, less	Yes			No
9/22/2016	8A16	KNOX AVE S	W 82ND ST	Perpendicular	2012-101	5.5	6	0.2	2.0		8.6	1.2	3.0	6.1	1.2	3.2	Cast iron	Yes, less	Yes			No
9/22/2016	8B16	KNOX AVE S	W 82ND ST	Combined Directional	2012-101	6.3	5.8	1.0	1.4		3.9	1.7	1.5	2.1	1.9	0.8	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A14	LOGAN AVE S	W 82ND ST	Combined Directional	2012-101	6	5	1.7	0.4		1.2	0.1	0.2	4.3	0.5	1.6	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A13	LOGAN AVE S	W 82ND ST	Combined Directional	2012-101	5	5	1.7	0.2		5.5	0.4	0.0	1.8	0.7	1.1	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A29	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	6	5	1.5	1.1		4.6	1.2	3.9	15.7	4.0	0.7	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A30	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	5	5	1.5	2.0		3.8	2.0	2.3	3.4	1.5	1.8	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A30N	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	5	6	0.1	1.9		5.0	0.9	0.3	6.6	1.6	1.9	Cast iron	Yes, less	Yes			Yes
9/20/2016	8Z29	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	5	5	5.7	0.2		4.3	3.3	3.2	2.4	3.4	0.7	Cast iron	Yes, less	Yes			No
9/20/2016	8Z30	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	6	4	0.0	0.9		1.6	1.2	2.0	11.9	0.8	3.3	Cast iron	No, more	Yes			No
9/20/2016	8Z30N	I-35W NB RAMP	W 82nd st	Combined Directional	2011-101	6	4	0.9	0.6		0.7	0.6	0.5	4.7	2.0	1.7	Cast iron		Yes			Yes
9/20/2016	8Z32	FREMONT AVE S	W 82ND ST	Combined Directional	2011-101	6	5	1.8	2.0		4.4	1.1	4.0	8.5	5.3	1.5	Cast iron	Yes, less	Yes			Yes
9/20/2016	8Z33	FREMONT AVE S	W 82ND ST	Combined Directional	2011-101	6	5	3.2	1.0		3.9	1.5	4.4	7.0	5.1	0.3	Cast iron	Yes, less	Yes			No
9/20/2016	8A33	FREMONT AVE S	W 82ND ST	Combined Directional	2011-101	4	6	1.5	0.0		2.9	4.8	0.5	13.8	1.0	2.3	Cast iron	Yes, less	Yes			No
9/20/2016	8A32	FREMONT AVE S	W 82ND ST	Combined Directional	2011-101	8.5	5	0.2	0.4		2.2	1.8	1.1	12.7	0.3	4.8	Cast iron	Yes, less	Yes			No
9/20/2016	8G25	HUMBOLDT AVE S	W 83RD ST	Combined Directional	2017-101	5	5.5	4.0	0.3		3.9	2.4	0.9	1.3	0.9	0.6	Cast iron	Yes, less	Yes			No
9/20/2016	8G23	IRVING AVE S	W 83RD ST	Combined Directional	2017-101						3.3	0.8	0.1	3.0	0.9	1.3	Cast iron	Yes, less	Yes			No
9/20/2016	8G22	IRVING AVE S	W 83RD ST	Parallel	2017-101	5	4.5	5.1	1.6		5.4	2.0	1.2	2.3	2.4	2.2	Cast iron	Yes, less	Yes			No
9/20/2016	8B1	PENN AVE S	DIXON DR	Combined Directional	2013-102	6	6.5	2.8	1.1		5.3	1.4	2.0	2.4	0.1	0.8	Cast iron	Yes, less	Yes			No
9/20/2016	8C1	PENN AVE S	DIXON DR	Combined Directional	2013-102	6	6	1.8	0.1		1.1	0.1	0.6	3.6	1.1	2.1	Cast iron	No, more	Yes			No
9/20/2016	9T45	RUSSELL AVE S	W 81st st	Combined Directional	2010-101	5	6	3.3	0.4		3.1	3.4	2.6	3.8	0.7	2.9	Cast iron	No, more	than 3" Gap			No
9/20/2016	9T43	SHERIDAN AVE S	W 81ST ST	Combined Directional	8100 RUSSE	6	6	1.2	3.5		4.6	2.3	1.0	1.8	0.8	3.7	Cast iron	No, more	Yes			No
9/20/2016	9T42	SHERIDAN AVE S	W 81ST ST	Combined Directional	8100 RUSSE	6	6	1.9	5.1		4.5	0.6	2.2	4.9	2.4	4.2	Cast iron	No, more	Yes			No
9/20/2016	7Z39	DUPONT AVE S	W 82ND ST	Combined Directional	2011-101	7.5	5	1.4	1.9		4.6	2.2	2.3	3.0	4.2	2.6	Cast iron	Yes, less	Yes			No
9/20/2016	7Z38	DUPONT AVE S	W 82ND ST	Combined Directional	2011-101	7	5	1.6	0.5		4.1	1.2	0.1	9.0	1.9	2.3	Cast iron	Yes, less	Yes			No
9/20/2016	7Z36	EMERSON AVE S	W 82ND ST	Combined Directional	2011-101	5	5	2.9	1.7		5.5	0.8	1.2	5.6	0.8	1.4	Cast iron	Yes, less	Yes			No
9/20/2016	7Z35	EMERSON AVE S	W 82ND ST	Combined Directional	2011-101	5	5	0.5	1.5		1.9	1.9	0.2	2.5	1.2	3.5	Cast iron	Yes, less	Yes			Yes
9/20/2016	8A35	EMERSON AVE S	W 82ND ST	Combined Directional	2011-101	5	5	1.5	2.7		1.4	2.9	0.6	4.6	1.3	3.2	Cast iron	Yes, less	Yes			No
9/20/2016	8A36	EMERSON AVE S	W 82ND ST	Combined Directional	2011-101	4.8	5	2.3	1.7		2.4	3.6	0.1	8.5	2.0	1.7	Cast iron	Yes, less	Yes			No
9/20/2016	8A39	DUPONT AVE S	W 82ND ST	Combined Directional	2011-101	6.4	5	3.6	1.4		1.6	2.5	0.2	4.3	0.6	2.1	Cast iron	Yes, less	Yes			No
9/20/2016	8A40	DUPONT AVE S	W 82ND ST	Combined Directional	2011-101	5	5	1.4	1.2		2.9	1.9	0.4	5.0	1.0	2.1	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/18/2016	11Y524	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	4	4	0.7	0.7		1.2	3.7	2.6	0.3	3.2	0.9	Cast iron	Yes, less	Yes			No
8/18/2016	11Y523	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	4	4	0.1	1.8		1.4	0.2	0.2	1.5	0.8	0.4	Cast iron	Yes, less	Yes			Yes
8/18/2016	11Y522	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	4	4	1.7	2.0		4.9	0.8	1.2	2.7	0.8	3.4	Cast iron	Yes, less	Yes			Yes
8/18/2016	11Y521	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	5	6	1.1	0.3		5.9	1.7	0.7	3.7	0.3	2.3	Cast iron	Yes, less	Yes			Yes
8/18/2016	11X524	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	4	4	1.8	1.8		2.1	0.1	1.8	3.2	1.5	1.1	Cast iron	Yes, less	Yes			Yes
8/18/2016	11X523	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	4	4	1.5	1.7		3.2	2.0	2.8	2.2	1.2	2.6	Cast iron	Yes, less	Yes			Yes
8/18/2016	11X522	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	5	4	0.3	0.0		0.8	0.9	1.2	0.2	1.7	2.4	Cast iron	Yes, less	Yes			Yes
8/18/2016	11X521	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101						0.3	0.7	0.1	4.6	1.2	0.2	Cast iron	Yes, less	Yes			Yes
8/10/2016	9X1-3	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101	5	4	0.7	3.2		5.4	1.3	0.1	2.1	0.8	1.3	Cast iron	Yes, less	Yes			No
8/10/2016	9X1-2	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101	5	5	1.3	0.8		4.8	2.3	0.8	2.1	1.4	0.1	Cast iron	Yes, less	Yes			No
8/10/2016	9X1-1	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	5.5	5	0.2	0.7		2.6	0.3	1.0	1.4	0.8	0.1	Cast iron	Yes, less	Yes			Yes
8/10/2016	9X1-4	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101	5	4	0.6	1.8		3.6	0.2	0.4	5.6	0.2	0.5	Cast iron	Yes, less	Yes			Yes
8/10/2016	9Y1-3	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	7	7	0.2	2.9		5.9	0.5	1.2	1.5	1.3	6.0	Cast iron	Yes, less	Yes			No
8/10/2016	9Y1-1	FRANCE AVE S	AMERICAN BLVD W	Diagonal	2012-101	7	7	0.5	1.5		0.4	2.8	3.6	2.4	1.6	0.8	Cast iron	Yes, less	Yes			No
8/10/2016	9Y1-2	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101	7	7	1.5	0.5		2.6	0.1	1.0	1.2	2.1	3.6	Cast iron	Yes, less	Yes			Yes
8/10/2016	9Y1-4	FRANCE AVE S	AMERICAN BLVD W	Perpendicular	2012-101	6	6	2.4	1.1		1.8	1.9	0.6	2.1	0.2	2.7	Cast iron	Yes, less	Yes			Yes
8/9/2016	9X5-4	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	5	0.7	1.9		7.1	1.5	0.6	1.5	0.6	0.7	Cast iron	Yes, less	Yes			Yes
8/9/2016	9X5-3	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	5	0.7	1.9		5.5	2.8	1.1	0.2	1.0	3.4	Cast iron	Yes, less	Yes			No
8/9/2016	9X5-2	TOWNDALE DR	AMERICAN BLVD W	Diagonal	2012-101	5	8	1.5	1.2		3.6	1.8	1.3	1.5	1.2	0.3	Cast iron	Yes, less	Yes			Yes
8/9/2016	9X5-1	TOWNDALE DR	AMERICAN BLVD W	Diagonal	2012-101	5	4.5	0.6	1.0		7.0	1.8	2.0	1.0	1.9	0.7	Cast iron	Yes, less	Yes			Yes
8/9/2016	9Y5	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	5	0.9	1.7		4.9	0.3	0.7	3.0	0.7	0.8	Cast iron	Yes, less	Yes			Yes
8/9/2016	9Y6	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	4	4	1.2	2.0		3.1	2.7	0.6	1.5	0.7	0.4	Cast iron	Yes, less	Yes			No
8/9/2016	09X06-4	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	8	1.5	0.0		6.0	2.3	0.4	6.9	0.7	2.3	Cast iron	Yes, less	Yes			No
8/9/2016	9X6-3	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	8	1.5	0.2		4.4	0.9	0.6	6.9	0.7	0.4	Cast iron	Yes, less	Yes			Yes
8/9/2016	9X6-2	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	5	8	1.4	0.6		3.8	1.5	2.6	8.0	2.8	2.4	Cast iron	Yes, less	Yes			Yes
8/9/2016	9X6-1	TOWNDALE DR	AMERICAN BLVD W	Perpendicular	2012-101	4.5	6	2.0	1.1		3.9	5.2	0.1	2.3	2.9	1.1	Cast iron	Yes, less	Yes			No
8/2/2016	9D51-2	PENN AVE S	494 EB RAMP	Parallel	SP 2785-32	6	11	2.7	3.2		11.6	0.5	1.5	6.5	1.1	2.2	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9D51-1	PENN AVE S	494 EB RAMP	Perpendicular	SP 2785-32	5.5	6.5	2.0	3.7		13.5	2.9	0.5	1.2	0.0	4.1	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9C51-2	PENN AVE S	494 EB RAMP	Perpendicular	SP 2785-32	6.5	6.5	0.1	1.8		2.8	4.6	1.1	0.8	1.7	1.3	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9C51-1	PENN AVE S	494 EB RAMP	Perpendicular	SP 2785-32	6.5	6.5	1.4	1.4		9.3	5.7	2.0	0.5	1.7	0.4	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9B51-2	PENN AVE S	494 WB RAMP	Perpendicular	SP 2785-32	6.5	6.5	0.2	1.6		5.1	4.5	0.5	1.5	0.3	1.4	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9B51-1	PENN AVE S	494 WB RAMP	Perpendicular	SP 2785-32	5	6	1.1	0.7		4.8	4.7	0.5	1.8	0.6	1.6	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9A51-2	PENN AVE S	494 WB RAMP	Perpendicular	SP 2785-32	5	6	1.8	1.6		9.9	1.1	0.5	0.4	0.7	2.0	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9A51-1	PENN AVE S	494 WB RAMP	Parallel	SP 2785-32	5	7.5	0.0	2.0		11.6	0.3	1.8	7.1	1.3	3.3	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9A52-1	PENN AVE S	494 WB RAMP	Parallel	SP 2785-32	6	7	1.1	2.4		8.2	1.4	1.1	5.5	0.3	1.8	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9A52-2	PENN AVE S	494 WB RAMP	Perpendicular	SP 2785-32	6.5	6.5	0.6	0.6		0.6	0.6	0.4	0.6	0.2	1.3	Exposed aggregate	Yes, less	Yes			Yes
8/2/2016	9B52-1	PENN AVE S	494 WB RAMP	Perpendicular	SP 2785-32	6.5	6.5	0.1	0.7		4.1	2.0	0.9	1.4	1.1	1.3	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9B52-2	PENN AVE S	494 WB RAMP	Parallel	SP 2785-32	6.5	6.5	1.8	0.2		5.5	1.7	0.7	0.7	1.0	2.2	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9C52-1	PENN AVE S	494 EB RAMP	Parallel	SP 2785-32	6.5	6.5	0.8	1.0		8.3	3.6	1.2	0.2	1.3	0.1	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9C52-2	PENN AVE S	494 EB RAMP	Perpendicular	SP 2785-32	6.5	6.5	0.2	2.7		2.4	1.6	1.2	0.5	1.4	0.1	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9D52-1	PENN AVE S	494 EB RAMP	Perpendicular	SP 2785-32	5	6.5	1.7	5.0		8.9	1.6	0.6	0.0	1.6	3.4	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9D52-2	PENN AVE S	494 EB RAMP	Parallel	SP 2785-32	6	7	3.8	0.9		12.9	3.4	2.3	8.2	2.0	2.2	Exposed aggregate	Yes, less	No, reconstruct to correct			No
8/2/2016	9L26-3	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	5	0.1	0.6		7.0	0.2	1.3	6.9	1.2	1.8	Cast iron	Yes, less	Yes			Yes
8/2/2016	9L26-2	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	6	5	1.7	1.9		6.0	0.6	1.2	0.2	1.4	1.3	Cast iron	Yes, less	Yes			Yes
8/2/2016	9L26-1	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	6	5	1.8	2.0		2.8	2.1	2.5	6.9	2.6	2.4	Cast iron	Yes, less	Yes			No
8/2/2016	9L25-1	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	4	1.6	1.9		7.0	0.0	1.3	7.3	1.2	2.0	Cast iron	Yes, less	Yes			Yes
8/2/2016	9L25-2	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	5	5	2.4	2.7		3.3	5.0	1.2	0.8	1.5	3.4	Cast iron	Yes, less	Yes			No
8/2/2016	9L25-4	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	6	0.1	1.6		4.2	2.7	1.8	11.0	2.0	0.8	Cast iron	Yes, less	Yes			No
8/2/2016	9L25-3	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4.5	5.5	1.4	0.4		0.3	0.4	0.1	10.1	0.3	2.3	Cast iron	Yes, less	Yes			Yes
8/2/2016	9M25	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	5	1.8	3.3		2.3	2.1	0.2	1.2	0.2	1.9	Cast iron	Yes, less	Yes			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/2/2016	9O19	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	4	1.0	1.7		5.4	2.9	1.9	4.6	1.5	2.2	Cast iron	Yes, less	Yes			No
8/2/2016	9O20-3	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	6	6	1.9	0.1		1.7	0.4	4.7	1.6	3.5	2.2	Cast iron	Yes, less	Yes			Yes
8/2/2016	9O20-2	XERXES AVE S	AMERICAN BLVD W	Perpendicular	2012-101	4	6	1.7	0.3		2.7	2.2	1.9	2.9	0.7	1.6	Cast iron	Yes, less	Yes			No
8/2/2016	9O20-1	XERXES AVE S	AMERICAN BLVD W	Diagonal	2012-101	5	5	0.6	1.6		6.3	0.5	1.5	3.9	1.3	2.1	Cast iron	Yes, less	Yes			Yes
8/2/2016	9P12	SOUTHTOWN DR	AMERICAN BLVD W	Diagonal	2012-101	6	4	0.7	0.0		8.6	0.7	1.2	4.4	1.5	1.9	Cast iron	Yes, less	Yes			No
8/2/2016	9Q13	SOUTHTOWN DR	AMERICAN BLVD W	Diagonal	2012-101	5	4.5	1.1	0.9		8.6	0.4	0.5	2.8	1.7	2.3	Cast iron	Yes, less	Yes			No
8/2/2016	9P14	SOUTHTOWN DR	AMERICAN BLVD W	Perpendicular	2012-101	5	4	2.2	0.9		2.4	4.7	1.8	4.1	1.9	4.1	Cast iron	Yes, less	Yes			No
8/2/2016	9P13-1	SOUTHTOWN DR	AMERICAN BLVD W	Perpendicular	2012-101	4.5	5	0.3	2.5		6.7	5.3	0.9	0.2	0.3	4.4	Cast iron	Yes, less	Yes			No
8/2/2016	9P13-2	SOUTHTOWN DR	AMERICAN BLVD W	Perpendicular	2012-101	7	4	1.1	1.8		1.9	2.0	2.4	4.4	3.1	2.1	Cast iron	Yes, less	Yes			Yes
8/2/2016	9P13-3	SOUTHTOWN DR	AMERICAN BLVD W	Perpendicular	2012-101	4.5	5	0.1	0.8		0.0	2.3	0.5	3.9	0.2	1.2	Cast iron	Yes, less	Yes			No
8/2/2016	9G52	PENN AVE S	SOUTHTOWN DR	Perpendicular	SP 2785-32	5	7	3.4	0.6		10.2	2.3	0.8	3.7	1.4	3.5	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9H52-1	PENN AVE S	SOUTHTOWN DR	Perpendicular	SP 2785-32	8	6	1.3	2.1		5.1	1.6	1.9	5.3	1.5	2.8	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9H52-3	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	4	6	0.1	1.4		10.1	2.6	0.9	3.2	0.9	2.5	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9H52-2	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	3.5	6	0.9	0.7		7.0	1.2	1.3	4.3	1.0	6.4	Exposed aggregate	Yes, less	Yes			Yes
8/2/2016	9G51-3	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	4	4	1.4	1.2		13.8	1.2	0.0	6.3	0.3	3.7	Exposed aggregate	Yes, less	Yes			No
8/2/2016	9G51-2	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	4	9	0.1	0.6		7.7	0.7	0.1	6.3	0.3	2.2	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9G51-1	PENN AVE S	SOUTHTOWN DR	Parallel	COUNTY	4	9	0.6	0.4		5.9	0.3	2.4	3.9	0.7	1.9	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9I52-2	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	3.5	4	0.9	1.7		0.9	0.5	1.4	3.5	1.5	0.5	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9I52-1	PENN AVE S	SOUTHTOWN DR	Perpendicular	COUNTY	3.5	4.5	1.1	1.9		0.6	0.3	0.3	2.3	1.2	3.5	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9I51	PENN AVE S	SOUTHTOWN DR	Parallel	SP 2785-32	6	5	1.5	3.2		11.0	0.7	1.2	3.0	1.2	2.6	Cast iron	No, more	Yes			No
7/28/2016	9M52-6	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	9	0.9	1.4		1.5	2.5	0.9	2.0	1.6	0.4	Exposed aggregate	Yes, less	No, reconstruct to correct			No
7/28/2016	9M52-5	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	9	0.9	1.4		1.5	2.0	0.6	2.3	1.2	1.9	Exposed aggregate	Yes, less	No, reconstruct to correct			No
7/28/2016	9M51-2	PENN AVE S	AMERICAN BLVD W	Parallel	COUNTY	4	5	4.4	4.0		7.4	3.0	3.4	5.8	3.4	5.0	Exposed aggregate	Yes, less	No, reconstruct to correct			No
7/28/2016	9M51-1	PENN AVE S	AMERICAN BLVD W	Parallel	COUNTY	5	7	3.9	0.7		6.7	0.7	2.0	5.8	1.1	2.5	Exposed aggregate	Yes, less	No, reconstruct to correct			No
7/28/2016	9L51-4	PENN AVE S	AMERICAN BLVD W	Diagonal	COUNTY	6	5	0.3	3.0		6.3	0.1	0.4	8.6	0.2	1.3	Cast iron	Yes, less	Yes			No
7/28/2016	9L51-3	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	0.9	1.1		4.7	0.4	0.4	4.5	0.4	2.0	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9L51-2	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	0.9	1.1		5.9	2.7	0.4	4.5	0.5	4.2	Exposed aggregate	Yes, less	Yes			No
7/28/2016	9L51-1	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	0.9	1.1		4.3	0.7	0.4	4.4	1.7	0.1	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9L52-4	PENN AVE S	AMERICAN BLVD W	Diagonal	COUNTY	3	8	2.1	0.8		4.9	0.1	1.5	6.0	0.9	1.8	Colored concrete	Yes, less	Yes			No
7/28/2016	9L52-3	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	1.3	0.2		9.6	1.9	2.0	2.9	1.9	2.9	Exposed aggregate	Yes, less	Yes			No
7/28/2016	9L52-1	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	2.8	2.6		6.1	0.8	1.7	4.2	1.0	0.2	Exposed aggregate	Yes, less	Yes			No
7/28/2016	9L52-2	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	4	2.6	2.8		1.9	0.7	0.2	5.1	0.2	1.8	Exposed aggregate	Yes, less	Yes			No
7/28/2016	9M52-4	PENN AVE S	AMERICAN BLVD W	Diagonal	COUNTY	5.5	5	3.5	2.1		3.4	2.7	3.6	9.1	3.7	2.6	Cast iron	Yes, less	Yes			No
7/28/2016	9M52-3	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	5	5	0.0	1.9		1.6	1.3	0.4	1.5	2.2	2.0	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9M52-2	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	5	5	0.1	1.9		8.1	1.8	3.4	0.7	2.9	2.5	Exposed aggregate	Yes, less	Yes			Yes
7/28/2016	9M52-1	PENN AVE S	AMERICAN BLVD W	Perpendicular	COUNTY	4	6	0.9	0.1		5.4	2.4	0.9	1.5	0.9	1.5	Exposed aggregate	Yes, less	Yes			No
7/12/2016	9H52-4	PENN AVE S	SOUTHTOWN DR	Perpendicular		4	6	0.9	1.7		8.5	0.6	0.3	6.8	0.9	2.1	None	No, more	No, reconstruct to correct			No
7/12/2016	9A25-3	YORK AVE S	W 78TH ST	Perpendicular	SP 2785-36	0	0	0.6	1.2		1.2	0.6	1.1	2.2	1.2	0.1	Cast iron	Yes, less	Yes			Yes
7/12/2016	9A26-2	YORK AVE S	W 78TH ST	Perpendicular	SP 2785-36	5	5	1.2	1.5		2.1	0.7	1.0	2.8	1.7	1.9	Cast iron	Yes, less	Yes			Yes
7/5/2016	9.00E+25	XERXES AVE S	SOUTHTOWN DR	Parallel	SP 2785-36	5	10	0.8	1.1		2.9	1.6	0.9	2.2	0.8	1.9	Cast iron	Yes, less	than 3" Gap			Yes
7/5/2016	9F25	XERXES AVE S	SOUTHTOWN DR	Diagonal	SP 2785-36	4.5	8	0.7	0.1		0.5	0.2	0.5	2.8	0.5	1.5	Cast iron	Yes, less	than 3" Gap			Yes
7/5/2016	9F26-2	XERXES AVE S	SOUTHTOWN DR	Perpendicular	SP 2785-36	5	6	0.9	0.4		0.8	0.4	1.1	0.8	0.7	1.5	Cast iron	No, more	Yes			No
7/5/2016	9.00E+26	XERXES AVE S	SOUTHTOWN DR	Parallel	SP 2785-36	5	6	0.8	0.5		6.0	2.2	2.1	1.3	3.3	4.4	Cast iron	No, more	Yes			No
7/5/2016	9A25-2	YORK AVE S	EDINBOROUGH WAY	Perpendicular	SP 2785-36	7	4.5	0.4	0.9		0.9	0.4	2.2	1.4	0.0	1.1	Cast iron	Yes, less	Yes			Yes
7/5/2016	9B26	XERXES AVE S	W 78TH ST	Parallel	SP 2785-36	8	10	0.2	1.0		2.8	1.0	0.9	3.0	3.2	0.5	Cast iron	Yes, less	than 3" Gap			Yes
7/5/2016	9B25	XERXES AVE S	EDINBOROUGH WAY	Parallel	SP 2785-36	12	4	1.0	1.5		0.1	0.6	0.3	2.0	0.2	1.0	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/5/2016	9A25	YORK AVE S	EDINBOROUGH WAY	Diagonal	SP 2785-36	4	4	0.1	3.1		1.8	0.2	0.2	3.8	0.8	2.8	Cast iron	Yes, less	No, reconstruct to correct			Yes
7/5/2016	9A26-1	YORK AVE S	W 78TH ST	Perpendicular	SP 2785-36	5	5	1.2	1.5		4.5	1.3	1.5	1.3	3.4	1.0	Cast iron	Yes, less	Yes			Yes
7/5/2016	9C12	EDINBOROUGH WAY	MINNESOTA DR	Perpendicular		6	5	0.7	1.3		7.2	0.2	0.9	2.8	0.8	1.4	Tyned	Yes, less	Yes			No
7/5/2016	9A13-3	EDINBOROUGH WAY	MINNESOTA DR	Fan		5	5	1.3	1.7		2.3	1.0	2.1	6.5	2.1	0.5	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/5/2016	9A13-2	EDINBOROUGH WAY	MINNESOTA DR	Perpendicular		5.4	5	0.9	2.0		1.6	2.0	1.9	1.1	1.4	0.6	None	No, more	No, reconstruct to correct			No
7/5/2016	9A13-2	EDINBOROUGH WAY	MINNESOTA DR	Perpendicular		5.4	5	0.9	2.0		1.6	2.0	1.9	1.1	1.4	0.6	None	No, more	No, reconstruct to correct			No
7/1/2016	9M28	WASHBURN CIR	W 80TH ST	Perpendicular	2009-101	4	5	2.9	0.6		3.6	4.6	1.2	2.8	2.6	1.8	Cast iron	Yes, less	No, reconstruct to correct			No
7/1/2016	9M27	WASHBURN CIR	W 80TH ST	One-Way Directional	2009-101	5	5	0.2	2.7		2.2	0.4	3.5	2.4	2.9	0.0	Cast iron	Yes, less	than 3" Gap			Yes
7/1/2016	9M35-2	THOMAS AVE S	W 80TH ST	Perpendicular	2010-102	5	5	1.9	4.8		4.0	0.7	1.2	3.6	1.1	2.9	Cast iron	Yes, less	Yes			Yes
7/1/2016	9M35-1	THOMAS AVE S	W 80TH ST	Perpendicular	2010-102	4	5	2.8	5.6		2.7	4.3	0.7	2.6	0.7	3.1	Cast iron	Yes, less	Yes			No
7/1/2016	9M34	UPTON AVE S	W 80TH ST	Perpendicular	2010-102	5.5	4.5	2.0	9.0		5.6	2.1	3.0	2.9	2.5	1.6	Cast iron	No, more	No, reconstruct to correct			No
7/1/2016	9M33	UPTON AVE S	W 80TH ST	Perpendicular	2010-102	5	5.5	4.7	1.5		1.3	5.4	0.1	0.7	0.6	1.1	Cast iron	Yes, less	Yes			No
6/30/2016	9M39-2	THOMAS LN	AMERICAN BLVD W	Perpendicular		5.5	7	0.6	4.7		7.9	3.5	4.6	6.0	4.1	2.7	Tyned	Yes, less	No, reconstruct to correct			<Null>
6/30/2016	9M39-1	THOMAS LN	W 80TH ST	Perpendicular	2012-101	6	6	2.5	5.2		8.3	4.5	0.9	1.8	2.3	2.3	Cast iron	No, more	Yes			No
6/30/2016	9M40	THOMAS LN	W 80TH ST	Parallel	2012-101	5.5	6	2.5	3.0		4.3	2.4	2.7	8.7	1.7	4.7	Cast iron	Yes, less	Yes			No
6/30/2016	9M42-1	SHERIDAN AVE S	W 80TH ST	Perpendicular	2010-102	5	5	4.6	1.8		6.2	3.9	3.6	4.6	0.1	4.2	Cast iron	No, more	Yes			No
6/30/2016	9M42-2	SHERIDAN AVE S	W 80TH ST	Perpendicular	2010-102	5	6	1.3	6.0		5.5	0.8	0.7	5.8	1.0	3.8	Cast iron	Yes, less	Yes			No
6/30/2016	9M48	QUEEN AVE S	AMERICAN BLVD W	Perpendicular		5	6	2.6	2.7		7.6	1.7	2.7	6.6	0.9	1.9	Tyned	No, more	Yes			No
6/30/2016	9M49	QUEEN AVE S	AMERICAN BLVD W	Combined Directional		7	6	4.4	0.2		6.7	8.1	3.6	5.6	1.4	4.3	Tyned	Yes, less	No, reconstruct to correct			No
6/30/2016	9S51	PENN AVE S	W 81ST ST	Combined Directional	2011-301	4	6	1.1	1.6		7.6	0.7	5.6	1.1	3.6	1.2	Cast iron	Yes, less	Yes			Yes
6/30/2016	9X51	PENN AVE S	W 82ND ST	Parallel	COUNTY						9.8	0.4	1.4	0.5	1.0	3.4	Exposed aggregate	Yes, less	Yes			No
6/30/2016	9X52	PENN AVE S	W 82ND ST	Tiered Perpendicular	2012-101	5.5	6	1.8	3.3		8.4	0.9	1.7	0.2	0.4	1.3	Cast iron	No, more	Yes			No
6/30/2016	09Y52	PENN AVE S	W 82ND ST	Combined Directional	2012-101	7	6	1.7	1.7		8.3	2.7	0.0	1.5	1.2	3.7	Cast iron	No, more	Yes			No
6/30/2016	9U25	XERXES AVE S	W 81ST ST	Perpendicular	2007-102	5	6	1.2	3.1		7.1	1.2	2.7	2.8	2.6	2.5	Cast iron	No, more	Yes			No
6/30/2016	9U26	XERXES AVE S	W 81ST ST	Tiered Perpendicular	2007-102	5	10	0.2	0.7		1.5	0.2	2.3	3.2	0.1	2.9	Cast iron	No, more	Yes			No
6/30/2016	9Z44	RUSSELL AVE S	W 82ND ST	Tiered Perpendicular	2010-102	5	6	0.4	5.3		4.8	0.6	2.6	6.9	2.2	1.0	Cast iron	No, more	Yes			No
6/30/2016	9Z52-2	PENN AVE S	W 82ND ST	Perpendicular		7	4	2.2	2.6		10.3	2.0	0.9	2.1	0.4	2.3	None		No, reconstruct to correct			No
6/30/2016	9Z52-1	PENN AVE S	W 82ND ST	Perpendicular	2010-102	3.5	5	1.1	0.9		6.1	4.0	1.0	6.0	1.5	1.1	Cast iron	Yes, less	Yes			No
6/29/2016	21Z23	11TH AVE S	E 90TH ST	Perpendicular	2011-101	4.6	4	0.5	0.7		2.3	2.4	0.0	6.0	1.3	3.0	Cast iron	Yes, less	Yes			No
6/29/2016	21Z22	11TH AVE S	E 90TH ST	Perpendicular	2011-101	6	4	3.1	0.8		2.8	2.2	0.6	5.9	1.6	0.8	Cast iron	Yes, less	Yes			No
6/29/2016	22A22	11TH AVE S	E 90TH ST	Perpendicular	2011-101	4.5	4	3.3	3.2		4.0	2.9	0.7	4.4	0.1	2.3	Cast iron	Yes, less	Yes			No
6/29/2016	22A23	11TH AVE S	E 90TH ST	Perpendicular	2011-101	7	4	3.4	0.1		3.0	1.0	2.0	4.0	1.1	2.0	Cast iron	Yes, less	Yes			Yes
6/29/2016	21Z18	10TH AVE S	E 90TH ST	Perpendicular	2011-101	5.5	4	1.5	0.5		2.2	0.3	1.7	6.8	1.7	2.0	Cast iron	Yes, less	Yes			Yes
6/29/2016	21Z19	10TH AVE S	E 90TH ST	Perpendicular	2011-101	5	4	1.7	1.0		5.2	2.6	0.2	5.6	2.3	2.5	Cast iron	Yes, less	Yes			No
6/29/2016	22A181	10TH AVE S	E 90TH ST	Perpendicular	2011-101	5	4	2.1	0.7		0.6	1.6	1.1	5.1	0.5	3.5	Cast iron	Yes, less	Yes			Yes
6/28/2016	21Z16	ELLIOT AVE S	E 90TH ST	Perpendicular	2011-101	4	4	1.8	1.4		2.1	2.2	0.8	3.7	1.7	3.0	Cast iron	Yes, less	Yes			No
6/28/2016	21Z15	ELLIOT AVE S	E 90TH ST	Perpendicular	2011-101	6.7	4	3.2	0.3		4.0	3.4	0.9	3.7	0.1	0.8	Cast iron	Yes, less	Yes			No
6/28/2016	22A132	CHICAGO AVE S	E 90TH ST	Perpendicular	2011-101	5	4	1.3	0.4		0.8	4.3	1.4	2.8	1.3	2.1	Cast iron	Yes, less	Yes			No
6/28/2016	22A131	CHICAGO AVE S	E 90TH ST	Perpendicular	2011-101	5.5	4	2.0	1.5		1.7	1.3	0.8	4.1	2.3	0.6	Cast iron	Yes, less	Yes			Yes
6/28/2016	21Z132	CHICAGO AVE S	E 90TH ST	Perpendicular	2011-101	2.5	4	2.4	1.2		3.4	4.3	1.2	5.0	0.9	3.9	Cast iron	Yes, less	Yes			No
6/28/2016	21Z131	CHICAGO AVE S	E 90TH ST	Perpendicular	2011-101	4.5	4	2.5	0.7		3.1	5.0	2.1	4.5	0.9	1.7	Cast iron	Yes, less	Yes			No
6/28/2016	22A10	COLUMBUS AVE S	E 90TH ST	Perpendicular	2011-101	5	4	1.5	1.0		2.7	3.4	0.1	3.0	1.1	2.8	Cast iron	Yes, less	Yes			No
6/28/2016	22A9	COLUMBUS AVE S	E 90TH ST	Perpendicular	2011-101	5	4	1.9	0.2		2.9	1.4	0.1	3.1	1.9	3.2	Cast iron	Yes, less	Yes			Yes
6/28/2016	21Z10	COLUMBUS AVE S	E 90TH ST	Perpendicular	2011-101	5	4	2.0	0.5		3.0	1.1	0.2	4.1	1.1	1.7	Cast iron	Yes, less	Yes			Yes
6/28/2016	21Z9	COLUMBUS AVE S	E 90TH ST	Perpendicular	2011-101	6	4	1.1	0.1		2.3	3.5	1.8	3.8	0.9	4.2	Cast iron	Yes, less	Yes			No
6/28/2016	22A7	PARK AVE S	E 90TH ST	Perpendicular	2011-101	4	4	2.8	2.5		1.8	1.7	1.8	2.3	1.3	2.1	Cast iron	Yes, less	Yes			Yes
6/28/2016	22A6	PARK AVE S	E 90TH ST	Perpendicular	2011-101	5	4	3.6	2.9		3.7	3.3	0.5	3.3	1.1	1.6	Cast iron	Yes, less	Yes			No
6/28/2016	21Z7	PARK AVE S	E 90TH ST	Perpendicular	2011-101	4.5	4	3.0	2.5		0.7	3.1	1.3	4.9	2.7	0.6	Cast iron	Yes, less	Yes			No
6/28/2016	21Z6	PARK AVE S	E 90TH ST	Perpendicular	2011-101	5	4	1.5	0.2		2.9	2.5	1.6	2.0	0.8	2.3	Cast iron	Yes, less	Yes			No
6/28/2016	22A3-2	OAKLAND AVE S	E 90TH ST	Perpendicular	2011-101	5	4	3.0	0.8		4.3	2.2	0.7	2.6	2.7	2.3	Cast iron	Yes, less	Yes			No
6/28/2016	21Z3-2	OAKLAND AVE S	E 90TH ST	Perpendicular	2010-101	5	4	1.9	3.7		3.6	1.6	2.4	4.3	1.2	0.8	Cast iron	Yes, less	Yes			Yes
6/28/2016	21Z3-1	OAKLAND AVE S	E 90TH ST	Perpendicular	2010-101	5	4	1.3	0.4		2.6	3.2	1.7	3.3	0.8	1.7	Cast iron	No, more	Yes			No
6/28/2016	21N0	PORTLAND AVE S	E 88TH ST	Parallel	COUNTY	9.5	5	1.1	0.7		5.7	1.1	0.8	3.1	0.6	0.8	Cast iron	Yes, less	Yes			Yes
6/28/2016	19N52	PORTLAND AVE S	E 88TH ST	Tiered Perpendicular		5	4	5.5	3.1		12.5	9.6	2.5	2.2	3.2	4.9	None	No, more	No, reconstruct to correct			No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/28/2016	19M52	PORTLAND AVE S	E 88TH ST	Perpendicular		4.5	4	3.6	0.0		11.2	4.4	0.1	8.4	0.7	3.4	None	No, more	No, reconstruct to correct			No
6/28/2016	4Z0	PORTLAND AVE S	E 86TH ST	Depressed Corner		4.5	4	1.4	4.7		9.1	3.7	1.5	8.0	2.0	1.1	Tyned	No, more	Yes			<Null>
6/28/2016	21A0	PORTLAND AVE S	E 86TH ST	Depressed Corner		5	5	2.1	3.3		7.2	0.5	3.4	4.8	3.2	0.7	None	No, more	No, reconstruct to correct			No
6/21/2016	21P3	OAKLAND AVE S	BISCHOFF LN	Perpendicular	2009-101	4.5	5	0.9	3.3		6.5	2.0	0.2	9.3	0.1	2.5	Cast iron		Yes			No
6/21/2016	19P52	PORTLAND AVE S	BISCHOFF LN	Perpendicular	2015-202	4	6	0.7	1.1		4.7	1.1	0.7	3.6	1.6	3.5	Cast iron		Yes			Yes
6/21/2016	21P0-2	PORTLAND AVE S	BISCHOFF LN	Perpendicular	2015-202	4	4	2.3	0.3		6.6	3.2	0.2	0.8	1.3	3.5	Cast iron		Yes			No
6/21/2016	21P0-1	PORTLAND AVE S	BISCHOFF LN	Perpendicular	2009-101	3.5	4	0.4	1.1		2.4	0.4	0.9	7.1	0.5	0.1	Cast iron		Yes			Yes
6/21/2016	21q0	PORTLAND AVE S	BISCHOFF LN	Perpendicular	2009-101	5	3.5	2.0	1.4		3.1	2.5	1.1	8.3	1.8	2.9	Cast iron		Yes			No
6/21/2016	21M332	14TH AVE S	E 88TH ST	Fan		4.5	4	2.6	2.6		5.3	3.2	1.8	6.8	2.0	0.0	Colored concrete		Yes			No
6/21/2016	21M331	14TH AVE S	E 88TH ST	Fan		6.5	6	5.4	2.3		7.2	0.9	0.4	1.7	0.4	0.0	Cast iron		Yes			No
6/21/2016	21A38	CEDARCREST PLAYGROUND	E 86TH ST	Perpendicular		7.5	11	0.7	5.4		7.5	0.2	0.9	6.9	1.6	4.1	None		No, reconstruct to correct			No
6/21/2016	4Z38	CEDARCREST PLAYGROUND	E 86TH ST	Perpendicular		6	11	1.3	2.8		12.1	2.7	1.2	5.8	2.1	3.8	None		No, reconstruct to correct			No
6/21/2016	4Z36-2	15TH AVE S	E 86TH ST	Parallel		4.6	4.6	0.7	1.6		15.0	0.9	5.4	3.8	5.4	2.2	None		No, reconstruct to correct			No
6/21/2016	4Z36-1	15TH AVE S	E 86TH ST	Parallel		4.5	5	2.8	0.4		4.0	2.3	1.0	2.8	3.9	2.8	None		No, reconstruct to correct			No
6/21/2016	4Z33	14TH AVE S	E 86TH ST	Parallel		5	4.5	4.1	0.9		12.0	6.0	1.5	4.4	3.8	2.7	None		No, reconstruct to correct			No
6/21/2016	21A332	14TH AVE S	E 86TH ST	Perpendicular		5	5.5	0.6	1.7		11.8	1.6	0.2	4.1	2.3	3.4	None		No, reconstruct to correct			No
6/21/2016	21A331	14TH AVE S	E 86TH ST	Parallel		5	4.5	2.9	0.5		2.8	3.4	6.1	0.3	0.3	0.2	None		No, reconstruct to correct			No
6/21/2016	21A32	14TH AVE S	E 86TH ST	Parallel		4.5	4.5	3.7	1.0		16.7	4.0	0.1	3.2	2.3	0.2	None		No, reconstruct to correct			No
6/21/2016	4Z32	14TH AVE S	E 86TH ST	Parallel		4	4.5	5.1	3.3		8.5	4.4	2.6	1.2	3.2	0.1	None		No, reconstruct to correct			No
6/21/2016	4Z30	13TH AVE S	E 86TH ST	Parallel		7	4.5	5.8	0.5		17.1	0.9	2.8	5.7	2.0	0.6	None		No, reconstruct to correct			No
6/21/2016	4Z29	13TH AVE S	E 86TH ST	Parallel		4	4.5	4.8	0.3		5.6	5.7	6.8	5.3	1.6	2.9	None		No, reconstruct to correct			No
6/20/2016	21A262	12TH AVE S	E 86TH ST	Parallel		4.5	5	4.6	0.0		6.1	3.1	1.9	9.6	2.2	3.9	Tyned		No, reconstruct to correct			No
6/20/2016	21A261	12TH AVE S	E 86TH ST	Parallel		4.7	4.7	4.5	1.1		3.4	6.0	2.4	3.5	1.9	5.2	Tyned		No, reconstruct to correct			No
6/20/2016	21A23	11TH AVE S	E 86TH ST	Parallel		3	5	3.7	0.1		1.5	1.4	0.3	2.7	1.7	1.6	Colored concrete		No, reconstruct to correct			No
6/20/2016	21A22	11TH AVE S	E 86TH ST	Parallel		3	4.5	2.3	0.1		4.4	5.8	1.0	0.7	1.4	1.9	Colored concrete		No, reconstruct to correct			No
6/20/2016	21A3-1	OAKLAND AVE S	E 86TH ST	Parallel	2004-102	5	5	2.2	3.4		4.5	3.7	0.2	3.0	3.3	0.2	Colored concrete		No, reconstruct to correct			No
6/20/2016	21A3-2	OAKLAND AVE S	E 86TH ST	Parallel	2008-102	5.7	4.5	7.1	0.2		1.3	5.5	1.5	5.1	6.2	2.4	Cast iron		No, reconstruct to correct			No
6/20/2016	4Z3-2	OAKLAND AVE S	E 86TH ST	Parallel	2004-102	5.5	4.5	2.0	1.1		2.4	4.6	1.2	2.2	2.0	4.4	Colored concrete		No, reconstruct to correct			No
6/20/2016	4Z3-1	OAKLAND AVE S	E 86TH ST	Parallel		5	5	5.2	1.8		3.4	5.5	1.6	2.1	2.3	1.2	Tyned		No, reconstruct to correct			No
6/20/2016	4Z7	PARK AVE S	E 86TH ST	Parallel		4.5	4.5	1.7	0.7		10.9	6.5	3.0	5.3	0.4	4.4	Colored concrete		No, reconstruct to correct			No
6/20/2016	4Z6	PARK AVE S	E 86TH ST	Parallel		4.3	4.5	3.4	0.1		10.9	4.3	1.6	3.6	4.4	0.5	None		No, reconstruct to correct			No
6/20/2016	4Z9	COLUMBUS AVE S	E 86TH ST	Parallel	2007-102	6	4.5	2.4	0.4		1.4	1.9	0.2	6.0	3.0	2.8	Cast iron		No, reconstruct to correct			Yes
6/20/2016	4Z10	COLUMBUS AVE S	E 86TH ST	Parallel	2007-102	5	4.5	3.5	0.4		3.5	5.1	1.5	5.7	3.8	4.1	Cast iron		No, reconstruct to correct			No
6/20/2016	21A10	COLUMBUS AVE S	E 86TH ST	Parallel	2007-101	6	4.5	4.3	0.2		0.4	8.5	3.3	5.8	0.2	4.7	Cast iron		No, reconstruct to correct			No
6/20/2016	21A9	COLUMBUS AVE S	E 86TH ST	Parallel		4	5	3.5	2.5		0.6	12.6	2.4	4.2	1.7	2.6	Colored concrete		No, reconstruct to correct			No
6/17/2016	21A13	CHICAGO AVE S	E 86TH ST	Parallel		4	4.5	0.5	1.4		2.1	1.1	2.1	5.5	2.3	1.0	Exposed aggregate		No, reconstruct to correct			No
6/17/2016	21A12	CHICAGO AVE S	E 86TH ST	Parallel		3.3	4.3	3.0	5.7		2.9	2.2	4.3	4.9	1.4	2.8	Tyned		No, reconstruct to correct			No
6/17/2016	21A17	ELLIOT AVE S	E 86TH ST	Parallel		7.2	4.5	2.8	1.2		7.5	1.8	1.8	8.5	4.7	0.8	Tyned		No, reconstruct to correct			No
6/17/2016	21A16	ELLIOT AVE S	E 86TH ST	Parallel		6	4.5	1.1	1.5		12.1	1.3	4.1	6.4	5.2	0.2	Other		No, reconstruct to correct			No
6/17/2016	4Z16	ELLIOT AVE S	E 86TH ST	Parallel		4.5	4	3.5	3.8		4.4	4.2	0.2	8.3	1.4	0.7	Concrete		No, reconstruct to correct			No
6/17/2016	4Z17	ELLIOT AVE S	E 86TH ST	One-Way Directional		4	4.7	1.5	1.6		3.2	1.3	1.3	0.5	4.0	6.0	Cast iron					Yes
6/17/2016	4Z20	10TH AVE S	E 86TH ST	Parallel		3	4.5	4.0	1.0		0.2	11.8	1.8	9.9	3.2	3.8	Colored concrete		No, reconstruct to correct			No
6/17/2016	4Z19	10TH AVE S	E 86TH ST	Parallel		2.6	4.5	2.3	0.1		7.4	5.5	0.9	7.9	1.0	0.8	Colored concrete		No, reconstruct to correct			No
6/17/2016	21A19	10TH AVE S	E 86TH ST	Parallel		3.8	5	1.5	0.9		9.1	7.0	5.6	4.1	6.3	1.9	Colored concrete		No, reconstruct to correct			No
6/17/2016	21A20	10TH AVE S	E 86TH ST	Parallel		3.6	4.3	2.0	0.6		12.2	1.9	0.2	10.5	2.5	3.1	Colored concrete		No, reconstruct to correct			No
6/17/2016	21M32	14TH AVE S	E 88TH ST	Perpendicular	2010-601	6	6	1.3	1.1		1.8	1.4	1.5	1.4	0.6	0.3	Cast iron		Yes			Yes
6/17/2016	21O30	13TH AVE S	E 88TH ST	Diagonal	2010-601	7.2	6	1.9	2.0		1.9	1.9	1.9	5.7	2.2	2.8	Cast iron		Yes			Yes
6/17/2016	21M26	12TH AVE S	E 88TH ST	Perpendicular	2010-601	4.5	6	2.0	0.3		0.1	1.9	3.9	7.3	0.2	3.1	Cast iron		Yes			Yes
6/17/2016	21M25	12TH AVE S	E 88TH ST	Perpendicular	2010-601	5.6	6	1.6	1.9		4.7	3.6	2.1	5.7	0.3	6.4	Cast iron	Yes, less	Yes			No
6/17/2016	21M23	11TH AVE S	E 88TH ST	Perpendicular	2010-601	5	6	1.3	1.2		4.2	1.7	0.3	9.5	1.1	1.1	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/17/2016	21m22	11TH AVE S	E 88TH ST	Perpendicular	2010-601	4.7	6	0.0	0.7		2.0	2.0	2.5	10.8	1.0	1.4	Cast iron	Yes, less	Yes			Yes
6/17/2016	21m20	10TH AVE S	E 88TH ST	Perpendicular	2010-601	5.4	6	1.1	1.0		1.8	0.9	2.3	9.4	2.0	1.3	Cast iron		Yes			Yes
11/5/2015	43A23-01	BLAISDELL AVE S	W 102ND ST	One-Way Directional	2015-102						2.1	0.5	2.6	3.0	1.2	2.3	Cast iron	Yes, less	Yes			Yes
11/5/2015	43A23-02	BLAISDELL AVE S	W 102ND ST	One-Way Directional	2015-102						2.0	0.1	1.2	5.6	1.9	2.1	Cast iron	Yes, less	Yes			Yes
11/5/2015	30A25	NICOLLET AVE S	W 102ND ST	Fan	2015-102	2.5	6	0.6	0.5		1.7	0.0	0.2	3.5	0.3	3.9	Cast iron	Yes, less	Yes			Yes
11/5/2015	43A19-01	WENTWORTH AVE S	W 102ND ST	One-Way Directional	2015-102						8.6	0.2		4.7	3.7	4.8	Cast iron					No
11/5/2015	43A19-02	WENTWORTH AVE S	W 102ND ST	One-Way Directional	2015-102						4.7	2.0	1.5	3.7	0.4	0.9	Cast iron	Yes, less	Yes			Yes
11/5/2015	43A20-01	WENTWORTH AVE S	W 102ND ST	One-Way Directional	2015-102						3.0	1.2	0.9	2.9	1.4	8.9	Cast iron	Yes, less	Yes			Yes
11/5/2015	43A20-02	WENTWORTH AVE S	W 102ND ST	One-Way Directional	2015-102	5	4	2.0	0.3		2.2	2.3		3.7	1.5	1.2	Cast iron					No
11/4/2015	09A12-01	EDINBOROUGH WAY	MINNESOTA DR	One-Way Directional	2015-102						3.9	1.5	0.1	4.4	0.7	5.2	Cast iron	Yes, less	Yes			Yes
11/4/2015	09A12-02 R1	EDINBOROUGH WAY	MINNESOTA DR	Diagonal	2015-102						1.6	1.4	0.8	3.5	1.1	4.5	Cast iron					Yes
11/4/2015	09A12-02 R2	EDINBOROUGH WAY	MINNESOTA DR	Diagonal	2015-102						1.5	1.5	2.1	0.8	1.8	0.3	Cast iron					Yes
11/4/2015	09A12-03	EDINBOROUGH WAY	MINNESOTA DR	Perpendicular	2015-102	6	6	0.7	2.0		5.0	1.6	0.7	7.2	1.0	2.4	Cast iron	Yes, less	Yes			Yes
11/4/2015	09A05-01	FRANCE AVE S	MINNESOTA DR	One-Way Directional	2015-102	4	5	1.7	1.7		7.6	0.9	0.8	2.3	2.6	2.9	Cast iron	No, more	Yes			Yes
11/4/2015	09A05-02	FRANCE AVE S	MINNESOTA DR	One-Way Directional	2015-102	4	4	2.0	1.7		5.9	2.0	1.7	0.8	1.9	0.5	Cast iron	Yes, less	Yes			Yes
11/4/2015	09B05-01	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	5	5	2.0	0.2		6.3	1.9	1.9	10.4	2.4	3.6	Cast iron	Yes, less	Yes			Yes
11/4/2015	09B05-02	FRANCE AVE S	MINNESOTA DR	One-Way Directional	2015-102	4	4	2.0	0.9		6.7	1.1	2.6	0.4	1.6	1.4	Cast iron	Yes, less	Yes			Yes
11/4/2015	11A41-01	JOHNSON AVE S	MINNESOTA DR	One-Way Directional	2015-102						0.9	1.2	1.6	8.0	2.3	4.1	Cast iron	Yes, less	Yes			Yes
11/4/2015	11A41-02-1	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	4	4	0.9	1.5		7.6	2.0	1.5	4.6	1.5	2.3	Cast iron	Yes, less	Yes			Yes
11/4/2015	11A41-02-2	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	4	4	1.5	0.9		2.2	1.6	0.3	0.7	0.2	5.4	Cast iron	Yes, less	Yes			Yes
11/4/2015	11B40	JOHNSON AVE S	MINNESOTA DR	Parallel	2015-102	7	8	1.5	2.7		4.9	1.6		5.8	2.7	4.9	Cast iron					No
11/4/2015	11B41-01	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	6	8	1.5	0.0		4.9	1.4	2.6	4.8	2.1	1.8	Cast iron	Yes, less	Yes			Yes
11/4/2015	11B41-02 R1	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	4	4	1.2	1.5		7.8	1.2	1.7	0.1	1.8	0.3	Cast iron					Yes
11/4/2015	11B41-02 R2	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	4	4	1.2	1.5		6.5	1.0	1.4	2.6	1.1	0.4	Cast iron					Yes
11/4/2015	11B41-02 R3	JOHNSON AVE S	MINNESOTA DR	Perpendicular	2015-102	4	4	1.2	1.5		6.7	0.3	0.6	2.5	0.6	4.1	Cast iron					Yes
11/2/2015	09A01-01 1	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	5	5	1.8	1.5		4.6	0.2	0.5	0.1	1.1	0.5	Cast iron					Yes
11/2/2015	09A01-01 2	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	5	5	1.8	1.5		5.5	1.9	1.0	2.8	0.3	1.9	Cast iron					Yes
11/2/2015	09A01-01 3	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	5	5	1.8	1.5		0.4	0.3	0.1	3.2	0.0	0.0	Cast iron					Yes
11/2/2015	09A01-02	FRANCE AVE S	MINNESOTA DR	One-Way Directional	2015-102						2.4	1.5	2.3	5.5	2.0	2.7	Cast iron	Yes, less	Yes			Yes
11/2/2015	09B01-01 1	FRANCE AVE S	MINNESOTA DR	Parallel	2015-102						2.1	1.8	1.2	3.3	1.5	3.2	Cast iron					Yes
11/2/2015	09B01-01 2	FRANCE AVE S	MINNESOTA DR	Parallel	2015-102						4.4	1.7	0.1	2.4	0.1	1.4	Cast iron					Yes
11/2/2015	09B01-01 3	FRANCE AVE S	MINNESOTA DR	Parallel	2015-102						4.9	0.4	0.9	1.2	0.0	0.0	Cast iron					Yes
11/2/2015	09B01-02	FRANCE AVE S	MINNESOTA DR	One-Way Directional	2015-102	5	5	0.1	0.8		6.8	0.5	0.6	5.8	0.5	2.6	Cast iron	Yes, less	Yes			Yes
11/2/2015	11A52-01	FRANCE AVE S	MINNESOTA DR	Parallel	2015-102	5.5	4	1.2	0.9		0.9	1.2	0.9	2.5	0.4	2.3	Cast iron	Yes, less	Yes			Yes
11/2/2015	11A52-02 1	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6.5	6.5	1.6	0.2		6.5	1.8	0.2	0.9	0.0	0.0	Cast iron					Yes
11/2/2015	11A52-02 2	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6.5	6.5	1.6	0.2		5.8	1.5	1.9	0.7	1.7	0.2	Cast iron					Yes
11/2/2015	11A52-02 3	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6.5	6.5	1.6	0.2		6.8	0.3	1.4	2.8	1.8	1.1	Cast iron					Yes
11/2/2015	11B52-01	FRANCE AVE S	MINNESOTA DR	Tiered Perpendicular	2015-102	6	6	1.8	0.7		6.5	0.2	0.0	4.4	0.1	3.8	Cast iron	Yes, less	Yes			Yes
11/2/2015	11B52-02 1	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6	4	2.0	0.9		4.8	1.2	1.8	2.6	2.9	2.5	Cast iron					Yes
11/2/2015	11B52-02 2	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6	4	2.0	0.9		0.2	0.7	0.1	0.7	0.0	0.0	Cast iron					Yes
11/2/2015	11B52-02 3	FRANCE AVE S	MINNESOTA DR	Perpendicular	2015-102	6	4	2.0	0.9		5.4	1.0	0.9	0.5	0.7	1.4	Cast iron					Yes
11/2/2015	30M27-01	NICOLLET AVE S	E 100TH ST	One-Way Directional	2015-102						3.3	3.0	0.9	3.1	0.6	4.8	Cast iron	Yes, less	Yes			No
11/2/2015	30M27-02	NICOLLET AVE S	E 100TH ST	One-Way Directional	2015-102						2.5	4.4	0.7	3.1	0.2	7.0	Cast iron	Yes, less	Yes			No
11/2/2015	30A27	NICOLLET AVE S	E OLD SHAKOPEE RD	Fan	2015-102	9	8	2.0	2.0		6.5	0.4	0.8	3.2	0.6	5.0	Cast iron	Yes, less	Yes			Yes
11/2/2015	30X26	NICOLLET AVE S	NICOLLET CIR	One-Way Directional	2015-102						3.5	2.0	0.4	0.0	1.6	2.0	Cast iron	Yes, less	Yes			Yes
11/2/2015	30Y26	NICOLLET AVE S	NICOLLET CIR	One-Way Directional	2015-102						3.1	1.2	3.4	0.5	1.9	5.8	Cast iron	Yes, less	Yes			No
11/2/2015	30A26	NICOLLET AVE S	W OLD SHAKOPEE RD	Diagonal	2015-102	5	7	1.2	1.6		6.6	1.0	0.5	4.0	2.0	0.3	Cast iron	Yes, less	Yes			Yes
10/27/2015	30M26-01	NICOLLET AVE S	W 100th St	One-Way Directional	2015-102	5	4	0.0	0.6		5.0	2.0	1.5	2.2	2.2	2.5	Cast iron	Yes, less	Yes			Yes
10/27/2015	30M26-02	NICOLLET AVE S	W 100th St	One-Way Directional	2015-102	4	4	1.8	2.0		7.6	0.6	1.6	1.2	0.7	6.7	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/27/2015	38z17	QUINN AVE S	W 110TH ST	One-Way Directional	2015-102	5	5	0.7	0.6		6.1	1.0	5.8	9.0	5.2	6.8	Cast iron	Yes, less	Yes			Yes
10/27/2015	38z18	QUINN AVE S	W 110TH ST	One-Way Directional	2015-102						3.8	0.7	2.5	1.5	4.9	3.4	Cast iron	Yes, less	Yes			Yes
10/27/2015	38z12-01	RICH AVE S	W 110TH ST	One-Way Directional	2015-102						4.5	0.7	1.4	4.9	8.7	1.1	Cast iron	Yes, less	Yes			Yes
10/27/2015	38z06-01	TOLEDO AVE S	W 110TH ST	One-Way Directional	2015-102						3.8	1.9	2.0	6.6	0.6	3.5	Cast iron	Yes, less	Yes			Yes
10/27/2015	38z06-02	TOLEDO AVE S	W 110TH ST	One-Way Directional	2015-102	5	5	1.4	1.9		7.6	1.6	0.1	2.1	0.5	2.6	Cast iron	Yes, less	Yes			Yes
10/19/2015	35G07-02	FRANCE AVE S	MINNESOTA DR	Diagonal	2015-102	4	5	1.6	4.8		7.7	1.6		2.2	3.4	1.3	Cast iron					No
8/25/2015	30S00	LYNDALE AVE S	LYNDALE CIR	Tiered Perpendicular	2007-102	4	8	0.2	3.6		8.1	0.6		11.4	0.3	5.1	Cast iron					No
8/25/2015	32R52	LYNDALE AVE S	LYNDALE CIR	Tiered Perpendicular	2007-102	5	5	0.8	0.0		9.8	0.3		6.2	0.0	3.9	Cast iron					No
8/12/2015	21M09	COLUMBUS AVE S	E 88TH ST	One-Way Directional	2010-601	5	6	1.9	2.1		4.5	1.4	1.2	5.9	1.8	1.6	Cast iron	Yes, less	Yes			Yes
8/12/2015	21M10	COLUMBUS AVE S	E 88TH ST	One-Way Directional	2010-601	5	6	0.4	0.2		1.3	0.5	0.4	5.1	2.0	2.4	Cast iron	Yes, less	Yes			Yes
8/12/2015	21M06-01	PARK AVE S	E 88TH ST	One-Way Directional	2010-601	6.5	6	0.7	0.7		1.7	2.1	1.3	6.4	1.6	0.2	Cast iron	Yes, less	Yes			No
8/12/2015	21M06-02	PARK AVE S	E 88TH ST	One-Way Directional	2010-601	5	6	2.0	0.2		3.0	0.7	0.9	4.0	0.3	0.2	Cast iron	Yes, less	Yes			Yes
7/30/2015	20G39	3RD AVE S	E 91ST ST	Tiered Perpendicular	2010-601	4	6	1.6	3.3		2.3	0.3		3.3	0.5	1.9	Cast iron					No
7/30/2015	20H39	3RD AVE S	E 91ST ST	One-Way Directional	2010-601	5	5	1.3	3.3		4.6	1.7		5.9	2.1	3.1	Cast iron					No
7/30/2015	20N39-01	3RD AVE S	E 92ND ST	One-Way Directional	2010-601	6	6	1.3	4.6		5.3	2.4		6.2	1.6	6.1	Cast iron					No
7/30/2015	20N39-02	3RD AVE S	E 92ND ST	One-Way Directional	2010-601	5	4	3.1	1.9		2.4	4.1		4.7	1.7	2.9	Cast iron					No
7/29/2015	31M52-01	LYNDALE AVE S	W 96TH ST	Tiered Perpendicular	2014-101	5.5	5.5	0.5	1.2		4.1	0.2	0.1	5.1	0.4	2.3	Cast iron	No, more	Yes			No
7/28/2015	31M49-01	ALDRICH AVE S	W 96TH ST	One-Way Directional	2014-101	5	6	1.2	1.8		4.0	1.7	0.0	0.4	0.9	0.1	Cast iron	No, more	Yes			No
7/28/2015	31M49-02	ALDRICH AVE S	W 96TH ST	One-Way Directional	2014-101	5.5	6	0.7	0.7		5.4	1.0	0.9	0.2	2.2	1.1	Cast iron	No, more	Yes			Yes
7/28/2015	31N49	ALDRICH AVE S	W 96TH ST	One-Way Directional	2014-101	4	6	1.4	1.5		6.2	0.3	0.5	4.6	0.2	1.3	Cast iron	No, more than 3"	Gap			Yes
7/28/2015	4.00E+02	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	20	6	1.0	2.2		7.3	1.9	0.1	5.5	2.0	3.3	Colored concrete					No
7/28/2015	40D01	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	5	12	1.3	0.9		13.6	0.8		8.8	1.3	2.0	Colored concrete					No
7/28/2015	40E01A	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	20	6	1.0	2.2		4.3	1.1	0.7	4.7	1.7	1.7	Colored concrete					No
7/28/2015	40E01B	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	20	6	1.0	2.2		3.5	2.3	0.0	0.0	0.0	0.0	Colored concrete					No
7/28/2015	40F01	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	3.5	10.5	1.5	5.3		0.3	0.1	3.7	3.4	1.7	0.4	Colored concrete					No
7/28/2015	40F01A	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	3.5	10.5	1.5	5.3		3.0	0.4	0.5	2.1	0.9	2.9	Colored concrete					No
7/28/2015	40F01B	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	3.5	10.5	1.5	5.3		2.2	1.6	0.0	0.0	0.0	0.0	Colored concrete					No
7/28/2015	40G01	FRANCE AVE S	W Old Shakopee Rd	Perpendicular	2000-501	6	11	0.1	0.7		13.7	3.0		2.3	0.7	0.5	Colored concrete					No
7/28/2015	31M52-02	LYNDALE AVE S	W 96TH ST	Tiered Perpendicular	2010-101	5	8	0.1	1.7		4.8	0.5	0.4	7.4	0.9	1.7	Cast iron	No, more	Yes			No
7/28/2015	31N52	LYNDALE AVE S	W 96TH ST	Tiered Perpendicular	2010-101	8.5	8	1.8	1.5		5.7	1.4	1.0	7.9	0.9	1.8	Cast iron	No, more	Yes			No
7/27/2015	30J39	3RD AVE S	PORTLAND PL	One-Way Directional	2014-101	3.3	4	1.9	1.2		3.7	0.9	0.4	4.1	2.4	3.2	Cast iron	No, more	Yes			No
7/27/2015	30K39	3RD AVE S	PORTLAND PL	One-Way Directional	2014-101	5	4	2.4	6.0		11.8	5.0		3.7	2.1	2.0	Cast iron					No
7/27/2015	30A44	4TH AVE S	E 98TH ST	One-Way Directional		5.5	5	3.7	0.9		9.1	0.5		6.2	6.4	1.4	Tyned					No
7/27/2015	30A45	4TH AVE S	E 98TH ST	One-Way Directional		4.5	5	3.5	1.8		9.0	8.7		3.3	4.6	0.2	Tyned					No
7/27/2015	30J52	PORTLAND AVE S	PORTLAND PL	One-Way Directional	2014-101	5	4	0.7	1.8		3.9	3.8		3.3	2.2	4.1	Cast iron					No
7/27/2015	30K52	PORTLAND AVE S	PORTLAND PL	One-Way Directional	2014-101	5	4	0.2	2.5		8.1	2.3		2.8	2.4	0.1	Cast iron					No
7/27/2015	10O15	ZENITH RD	W 84TH ST	Diagonal	2014-101	5.5	5	1.2	1.3		6.5	0.6	1.5	1.7	1.3	1.4	Cast iron	Yes, less	Yes			Yes
7/9/2015	27Z34	14TH AVE S	E 98TH ST	One-Way Directional	2007-101	5	5	2.5	3.4		9.6	0.1		1.3	0.4	2.1	Cast iron					No
7/8/2015	05J46	4TH AVE S	E 79 1/2 ST	Perpendicular	1998-201	5	5	0.4	1.9		2.5	0.4	0.9	8.0	0.6	2.4	Exposed aggregate	No, more than 3"	Gap			No
6/29/2015	57V16	KENTUCKY AVE S	KENTUCKY CIR	One-Way Directional	2015-102	5	7	0.5	0.6		10.6	2.4		3.2	0.7	9.5	Cast iron					No
6/29/2015	57W16	KENTUCKY AVE S	KENTUCKY CIR	One-Way Directional	2015-102	10	5	3.6	9.3		10.9	1.4		5.1	6.9	0.6	Cast iron					No
6/29/2015	57X15	KENTUCKY AVE S	KENTUCKY CIR	Diagonal	2015-102	5	5	0.1	2.6		5.0	0.2		0.2	3.5	1.6	Cast iron					No
6/29/2015	57Z15-01	KENTUCKY AVE S	W 82ND ST	Tiered Perpendicular	2015-102	5	5	1.5	1.4		1.1	1.1	0.8	2.0	0.6	5.0	Cast iron	Yes, less	Yes			Yes
6/29/2015	57Z15-02	KENTUCKY AVE S	W 82ND ST	One-Way Directional	2015-102	4.5	5	1.9	2.5		6.3	2.5		0.8	0.7	1.2	Cast iron					No
6/9/2015	29W09-01	GRAND AVE S	W 97th St	One-Way Directional		5.7	6	3.6	1.4		9.0	9.6		1.0	4.5	1.0	Exposed aggregate					No
6/9/2015	29W09-02	GRAND AVE S	W 97th St	One-Way Directional		6.5	6	6.3	4.5		4.1	11.3		0.8	5.5	0.5	Exposed aggregate					No
6/9/2015	29X08-01	GRAND AVE S	W 98th St	One-Way Directional		5.5	6	0.7	3.4		7.0	1.2		0.6	5.0	1.0	Exposed aggregate					No
6/9/2015	29X08-02	GRAND AVE S	W 98th St	One-Way Directional		6.7	5	0.7	5.0		8.9	5.0		0.0	5.3	2.1	Tyned					No
6/8/2015	29V06-01		W 97th St	One-Way Directional		7.7	5.5	1.9	2.5		12.0	1.9		0.0	1.1	0.2	Exposed aggregate					No
6/8/2015	29V06-02		W 97th St	One-Way Directional		4.4	6	1.0	0.6		6.7	2.3		1.9	1.0	2.3	None					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/8/2015	29V08-01		W 97th St	One-Way Directional		5	5.5	0.7	0.9		6.5	0.3		0.0	3.5	0.2	None					No
6/8/2015	29V08-02		W 97th St	One-Way Directional		9	5.5	0.2	0.3		5.0	1.1			0.9	1.0	Exposed aggregate					Yes
6/8/2015	29U05-01	GARFIELD AVE S		Diagonal		6.5	5.5	5.8	0.2		0.1	6.9		2.3	4.5	0.2	Tyned					No
6/8/2015	29U05-02	GARFIELD AVE S		One-Way Directional		5	6	4.6	3.0		4.4	4.1		7.6	0.5	0.2	Exposed aggregate					No
6/8/2015	29V08-03	GRAND AVE S		Tiered Perpendicular		6	11.5	0.3	0.6		11.0	2.1		4.1	0.4	0.5	Exposed aggregate					No
6/5/2015	29J05-02	GARFIELD AVE S	W 95th St	One-Way Directional		5	4	2.6	0.5		6.7	2.4		0.6	2.5	0.9	Colored concrete					No
6/5/2015	29J5-01	GARFIELD AVE S	W 95th St	One-Way Directional		4.4	4	5.4	0.9		0.7	4.5		3.1	3.1	0.6	Colored concrete					No
6/5/2015	29K05-01	GARFIELD AVE S	W 95th St	One-Way Directional		3.5	4	2.3	1.0		6.4	2.9		0.1	2.7	0.8	Colored concrete					No
6/4/2015	13V32-01	NINE MILE CREEK PKWY	W 90th St	Tiered Perpendicular		4	4.5	2.7	2.5		17.4	2.5		4.8	3.0	3.3	None					No
5/22/2015	13L28-01	NINE MILE CREEK PKWY	POPLAR BRIDGE RD	Perpendicular		6.5	4.6	3.6	0.3		11.7	8.0		3.3	0.3	4.2	None					No
5/22/2015	13L28-02	NINE MILE CREEK PKWY	POPLAR BRIDGE RD	Perpendicular		5.2	4	2.3	1.3		10.7	6.0		2.3	3.9	2.8	None					No
5/22/2015	13L28-03	NINE MILE CREEK PKWY	POPLAR BRIDGE RD	Perpendicular		4	4.9	5.2	0.1		0.9	0.8		7.8	0.7	5.1	Tyned					No
5/22/2015	13K25-01	OXBOROUGH AVE S	NINE MILE CREEK PKWY	One-Way Directional		5.6	4.7	3.3	0.0		12.5	2.3		8.1	4.6	3.5	Colored concrete					No
5/22/2015	13K25-02	OXBOROUGH AVE S	NINE MILE CREEK PKWY	Perpendicular		5	5	4.9	0.4		0.3	4.1		3.3	1.3	1.0	Tyned					No
5/22/2015	13K25-03	OXBOROUGH AVE S	NINE MILE CREEK PKWY	Perpendicular		6	4.8	2.1	1.8		2.0	0.9		2.1	1.9	0.4	Tyned					No
5/22/2015	13K25-04	OXBOROUGH AVE S	NINE MILE CREEK PKWY	One-Way Directional	2009-102	6.2	4.7	1.3	1.6		13.3	1.3		5.8	2.6	2.0	Cast iron					No
6/17/2014	15H19	ZENITH RD	W 87th	Perpendicular		5	4	1.0	2.7		10.7	3.5		5.0	1.6	2.0	None					No
6/17/2014	15H20	ZENITH RD	W 87th	Perpendicular		5	4	2.6	0.6		10.0	4.5		4.3	1.5	1.1	None					No
6/13/2014	15h26-01	XERXES AVE S	W 87th 1/2 St	Diagonal		2	2.5	1.4	7.6		6.1	0.3		0.7	1.0	0.8	Tyned					No
6/13/2014	15I26-01	XERXES AVE S	W 87th 1/2 St	Perpendicular		3.2	4.5	3.0	2.5		5.4	5.5		3.4	2.2	1.4	None					No
6/13/2014	15s28-01	Xerxes Circle	Xerxes Ave S	Perpendicular		5	5	1.2	3.2		4.1	3.5		2.6	3.4	2.1	None					No
6/13/2014	15s28-02	Xerxes Circle	Xerxes Ave S	Perpendicular		6	4.5	1.5	7.8		1.5	2.4		0.4	0.1	1.6	None					No
6/12/2014	15T34-01	Vincent Cir	Vincent Pl	Tiered Perpendicular		10	5	1.4	8.2		11.7	1.9		3.3	1.4	1.3	None					No
6/12/2014	15T37-01	VINCENT PL	Vincent Cir	Parallel		6.8	4.3	1.9	1.2		1.5	1.9		3.1	1.0	3.2	Tyned					No
6/12/2014	15S29-01	Xerxes Circle	Xerxes Ave S	Perpendicular		5.5	4.5	1.1	5.9		5.3	0.2		2.9	1.5	2.5	None					No
6/12/2014	15S29-02	Xerxes Circle	Xerxes Ave S	Perpendicular		6	4.5	0.7	2.5		0.0	0.3		3.2	0.1	1.0	None					No
6/12/2014	15W29	Xerxes Circle	Xerxes Ave S	Perpendicular		6	5	4.8	2.8		3.0	6.8		5.5	6.4	4.0	None					No
6/12/2014	15W29-01	Xerxes Circle	Xerxes Ave S	Perpendicular		5.5	4.5	3.0	10.8		12.6	1.9		1.7	2.2	1.7	None					No
6/11/2014	15X35-01	Vincent Cir	Vincent Pl	One-Way Directional		4.5	4.5	0.3	0.3		2.3	0.1		4.3	0.3	4.2	Tyned					No
6/11/2014	15x36-01	Vincent Cir	Vincent Pl	Diagonal		4.8	5	2.0	9.5		12.6	0.8		3.0	4.4	1.0	Tyned					No
8/22/2013	38Z43-01	IRWIN AVE S	W 110th St	One-Way Directional		0	0				5.8	8.1		3.8	3.0	1.4	None					No
8/20/2013	37D38-01	JOHNSON AVE S	Johnson cir	One-Way Directional		0	0				0.9	6.5		3.2	2.2	0.8	None					No
8/20/2013	37E38-01	JOHNSON AVE S	Johnson cir	One-Way Directional							2.9	2.9		0.1	3.0	0.3	None					No
8/14/2013	37N38-01	JOHNSON AVE S	HERITAGE HILLS DR	Perpendicular	2017-102	6	6	1.9	1.5		0.9	2.5	4.4	4.6	0.7	5.4	Cast iron	Yes, less	Yes			No
8/14/2013	37N38-01A	JOHNSON AVE S	HERITAGE HILLS DR	Fan	2017-102	5	5	3.9	3.0		4.8	0.4	1.3	0.9	0.5	1.1	Cast iron	Yes, less	Yes			Yes
8/14/2013	37N19-01	MORRIS CIR		Depressed Corner		0	0				6.3	5.5		5.1	1.1	5.2	Tyned					No
8/14/2013	37O19-01	MORRIS CIR		Perpendicular		4	4	3.5	0.5		8.8	1.4		3.9	4.3	1.3	Tyned					No
8/2/2013	53F52-01	FRANCE AVE S	W 111 th st	One-Way Directional		4	4	4.4	4.1		9.1	3.7		1.7	1.0	2.4	Tyned					No
8/2/2013	53G52-01	FRANCE AVE S	W 111 th st	One-Way Directional		5	4	3.3	0.5		6.9	3.0		3.0	5.3	0.6	None					No
8/2/2013	52S52-01	FRANCE AVE S	W 113th St	One-Way Directional							14.4	0.6		1.8	5.5	2.1	Tyned					No
8/2/2013	53R52-01	FRANCE AVE S	W 113th St	One-Way Directional		0	0				0.4	7.5		8.2	9.4	4.4	Tyned					No
8/2/2013	53X18-01	OVERLOOK CIR	OVERLOOK DR	One-Way Directional	2012-102						13.9	0.7		3.2	2.6	1.1	Cast iron					No
8/2/2013	53T10-01	OVERLOOK DR	W 113th St	Diagonal	2008-102						6.1	2.2		1.7	0.3	1.2	Cast iron					No
8/2/2013	53W14-01	RICH RD	OVERLOOK DR	One-Way Directional	2012-102						4.3	2.0	9.2	1.3	2.2	3.0	Cast iron	No, more	Yes			Yes
8/2/2013	53W15-01	RICH RD	OVERLOOK DR	One-Way Directional	2012-102						10.5	1.4		1.5	8.8	2.5	Cast iron					No
8/2/2013	53O16-01	RICH RD	TERRACEWOOD DR	One-Way Directional		5	5	5.9	4.0		10.8	4.0		0.6	3.4	0.5	Exposed aggregate					No
8/2/2013	52N15-01	RICH RD	W 112TH ST	One-Way Directional							5.0	1.3		1.2	4.2	2.1	None					No
8/2/2013	53N16-01	RICH RD	W 112TH ST	One-Way Directional		4	4	2.1	5.5		7.8	2.1		0.7	2.2	2.3	None					No
8/2/2013	53T11-01	STANLEY AVE S	OVERLOOK DR	Combined Directional	2008-102	5	5	1.4	4.1		3.1	0.2		0.2	3.5	2.3	Cast iron					No
8/2/2013	53T11-02	STANLEY AVE S	OVERLOOK DR	Combined Directional	2008-102	5	5	4.1	1.4		5.2	1.2		0.4	1.4	0.6	Cast iron					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
8/2/2013	53N12-01	STANLEY AVE S	STANLEY CIR	One-Way Directional	2008-102						2.0	0.6	8.1	2.1	3.8	3.8	Cast iron	No, more than 3" Gap				Yes
8/2/2013	53N13-01	STANLEY AVE S	W 112TH ST	One-Way Directional	2008-102						6.0	2.1		0.7	3.0	1.8	Cast iron					No
8/2/2013	52M03-01	UTICA AVE S	OVERLOOK DR	One-Way Directional	2008-102						2.6	4.3		1.2	2.6	0.3	Cast iron					No
8/2/2013	53M04-01	UTICA AVE S	OVERLOOK DR	One-Way Directional	2008-102						2.3	3.0		0.0	1.6	0.8	Cast iron					No
8/2/2013	53N03-01	UTICA AVE S	OVERLOOK DR	One-Way Directional	2008-102						2.5	3.3		2.7	1.5	1.5	Cast iron					No
8/2/2013	53N04-01	UTICA AVE S	OVERLOOK DR	One-Way Directional	2008-102						2.5	1.8	2.6	1.6	1.6	0.4	Cast iron	Yes, less	Yes			Yes
8/2/2013	53T04-01	UTICA AVE S	w 113 th st	One-Way Directional	2008-102						3.5	1.3	7.2	0.4	2.7	2.5	Cast iron	Yes, less	Yes			Yes
8/2/2013	53T05-01	W 113th st cir	W 113 th st	One-Way Directional	2008-102	5	5	1.7	4.1		9.3	2.1		4.2	1.0	3.2	Cast iron					No
8/2/2013	53T06-01	W 113th st cir	W 113 th st	One-Way Directional	2008-102						2.1	1.9	2.3	3.5	6.0	0.9	Cast iron	Yes, less	Yes			Yes
7/26/2013	53A52-01	FRANCE AVE S	W 110th St	Diagonal							8.0	0.2		0.7	5.2	4.1	None					No
7/26/2013	53A46-01	HARRISON AVE S	W 110th St	One-Way Directional		5	5	5.2	3.1		14.4	3.8		3.2	2.6	2.4	None					No
7/26/2013	53A47-01	HARRISON AVE S	W 110th St	One-Way Directional							2.7	1.2		1.9	4.7	3.3	None					No
7/26/2013	53A42-01	IRWIN AVE S	W 110th St	One-Way Directional							4.3	0.0		1.6	2.3	2.9	Tyned					No
7/26/2013	53A39-01	JOHNSON AVE S	W 110th St	One-Way Directional		5	5	4.0	1.6		7.0	3.1		1.4	0.9	3.8	Tyned					No
7/26/2013	53A40-01	JOHNSON AVE S	W 110th St	One-Way Directional							3.9	3.2		0.5	6.6	2.0	Tyned					No
7/26/2013	53A33-01	LITTLE AVE S	W 110th St	Combined Directional		9	5	0.3	1.4		11.6	0.6		2.0	3.8	1.9	None					No
7/26/2013	53A33-02	LITTLE AVE S	W 110th St	Combined Directional		5	9	1.2	0.8		7.8	0.8		0.9	5.1	0.4	Exposed aggregate					Yes
7/26/2013	53A34-01	LITTLE AVE S	W 110th St	One-Way Directional		5	5	2.4	2.4		6.6	2.7		0.0	3.0	0.9	Tyned					No
7/26/2013	53N29-01	MORRIS LN	W 112 th st	One-Way Directional		4.5	4	0.2	3.3		10.8	0.1		2.3	5.2	4.9	None					No
7/26/2013	52A16-01	QUINN AVE S	W 110th St	One-Way Directional							4.4	3.5		0.2	2.5	3.5	Tyned					No
7/26/2013	53A17-01	QUINN AVE S	W 110th St	One-Way Directional		5	5	3.5	3.4		6.2	1.8		3.0	2.8	1.7	Tyned					No
7/26/2013	53N19-01	QUINN AVE S	W 112 th st	Perpendicular		6	4	2.7	2.5		15.0	0.9		0.3	6.2	1.3	None					No
7/26/2013	53M18-01	QUINN AVE S	w 112st	One-Way Directional		4	4	2.0	3.5		8.5	3.0		0.0	7.0	2.2	Exposed aggregate					No
7/25/2013	53A08-01	STANLEY RD	W 110th St	One-Way Directional	2008-102						1.5	1.1	9.9	0.5	4.4	2.0	Cast iron	No, more than 3" Gap				Yes
7/25/2013	53A09-01	STANLEY RD	W 110th St	One-Way Directional	2008-102	5	4	0.2	0.8		10.2	2.7		2.1	3.2	4.8	Cast iron					No
7/24/2013	40B27-01	XERXES AVE S	W 106th St	One-Way Directional	2008-102						11.6	3.3		2.6	0.7	2.3	Cast iron					No
7/24/2013	40C27-01	XERXES AVE S	W 106th St	One-Way Directional	2008-102						3.5	1.6		2.3	6.0	1.4	Cast iron					Yes
7/24/2013	40Z27-01	XERXES AVE S	W 110th St	Diagonal	2008-102						7.9	2.9		2.7	0.4	4.5	Cast iron					No
7/24/2013	40Z28-01	XERXES AVE S	W 110th St	Diagonal	2008-102						7.5	2.7		3.4	6.7	0.2	Cast iron					No
7/23/2013	40Z14-01	BEARD AVE S	W 110th St	One-Way Directional	2010-101	4	4	0.7	0.7		6.4	1.4		4.5	1.9	3.4	Cast iron	No, more than 3" Gap				Yes
7/23/2013	40Z15-01	BEARD AVE S	W 110th St	One-Way Directional	2010-101						3.4	1.9		0.6	1.9	1.1	Cast iron	No, more than 3" Gap				Yes
7/23/2013	40Z10-01	CHOWEN AVE S	W 110th St	One-Way Directional	2008-102						5.0	1.3	12.3	0.6	2.7	1.3	Cast iron	No, more than 3" Gap				Yes
7/23/2013	40T01-01	FRANCE AVE S	W 110th St	One-Way Directional		0	0				3.4	5.2		3.8	0.5	4.0	None					No
7/23/2013	40U01-01	FRANCE AVE S	W 110th St	One-Way Directional		5.5	4	1.6	0.1		9.2	5.5		5.2	2.3	1.1	None					No
7/23/2013	40O37-01	UPTON AVE S	W 110TH ST	One-Way Directional		4.5	5	1.4	1.0		4.2	3.4		1.2	3.2	0.5	Tyned					No
7/23/2013	40O38-01	UPTON AVE S	W 110TH ST	One-Way Directional		0	0				15.2	7.1		1.9	4.3	0.9	None					No
7/23/2013	40O33-01	VINCENT AVE S	W 109th St	One-Way Directional		4.5	5	0.6	1.1		5.4	0.4		1.0	4.2	2.5	Tyned					No
7/23/2013	40O34-01	VINCENT AVE S	W 109th St	One-Way Directional		5	5	2.0	1.7		8.7	1.7		0.9	5.0	1.9	Tyned					No
7/23/2013	40Z30-01	WASHBURN AVE S	W 106th St	One-Way Directional	2007-101						2.9	0.6	5.1	2.2	3.7	1.6	Cast iron	No, more than 3" Gap				Yes
7/23/2013	40Z31-01	WASHBURN AVE S	W 106th St	One-Way Directional	2007-101						7.5	1.8		0.9	1.7	1.0	Cast iron					<Null>
7/23/2013	40O310-01	WASHBURN AVE S	W 108th St	One-Way Directional		4.5	5	0.9	0.7		8.8	0.5		1.2	1.5	4.9	Tyned					No
7/23/2013	40O31-01	WASHBURN AVE S	W 109th St	One-Way Directional							5.5	1.4		0.5	4.1	2.0	Exposed aggregate					No
7/23/2013	40N28-01	XERXES AVE S	W 108th St	One-Way Directional	2008-102						10.0	4.4		1.9	2.0	6.4	Cast iron					No
7/23/2013	40O28-01	XERXES AVE S	W 108th St	Diagonal	2008-102	4	4	3.3	4.8		9.7	2.4		2.3	5.5	2.3	Cast iron					No
7/23/2013	40O24-01	YORK AVE S	W 108th St	One-Way Directional	2008-102	5	5	1.5	0.5		10.2	4.2		0.4	1.8	0.2	Cast iron					No
7/23/2013	40O25-01	YORK AVE S	W 108th St	One-Way Directional	2008-102						7.7	3.8		1.9	3.8	2.1	Cast iron					No
7/23/2013	40Z20-01	ZENITH AVE S	W 110TH ST	One-Way Directional	2017-101						3.6	3.6		0.6	2.7	0.0	Cast iron					No
7/23/2013	40Z21-01	ZENITH AVE S	W 110TH ST	One-Way Directional	2017-101						10.0	4.8		2.2	0.2	2.5	Cast iron					No
7/17/2013	51A06-01	DREW AVE S	W 110th St	One-Way Directional	2008-102						8.3	2.5		1.3	2.4	0.7	Cast iron					No
7/17/2013	51A07-01	DREW AVE S	W 110th St	One-Way Directional	2008-102	4	4	2.0	1.0		5.8	0.6	8.3	0.7	6.6	0.3	Cast iron	No, more	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/17/2013	51A03-01	EWING AVE S	W 110th St	One-Way Directional	2008-102						5.5	4.0		1.2	3.9	1.2	Cast iron					No
7/17/2013	51A04-01	EWING AVE S	W 110th St	One-Way Directional	2008-102	4	4	1.3	0.2		5.5	0.2	5.1	0.8	2.6	1.1	Cast iron	No, more	Yes			Yes
7/17/2013	51A01-01	FRANCE AVE S	W 110th St	Combined Directional	2008-102	4	4	2.9	0.4		4.7	2.5		1.4	5.2	1.1	Cast iron					No
7/17/2013	51M01-01	FRANCE AVE S	W 112th St	One-Way Directional	2006-102						10.1	1.3		2.3	2.5	1.6	Cast iron					No
7/17/2013	51N01-01	FRANCE AVE S	W 112th St	One-Way Directional	2006-102						4.4	2.4		1.4	1.9	0.6	Cast iron					No
7/17/2013	51W01-01	FRANCE AVE S	W 114th St	One-Way Directional							0.2	1.5		2.2	1.6	0.5	None					No
7/17/2013	52X01-01	FRANCE AVE S	W 114th St	One-Way Directional							4.2	1.8		1.9	1.0	0.9	None					No
7/17/2013	40Z47-01	RUSSELL AVE S	W 110th St	One-Way Directional	2007-101						6.5	2.5		2.0	3.5	0.2	Cast iron					No
7/17/2013	40Z48-01	RUSSELL AVE S	W 110th St	One-Way Directional	2007-101	5	4	0.5	1.5		8.8	2.0		0.9	3.4	0.1	Cast iron					No
7/17/2013	40O43-01	SHERIDAN AVE S	W 108th St	One-Way Directional							3.4	3.4		3.9	3.1	1.8	Tyned					No
7/17/2013	40O44-01	SHERIDAN AVE S	W 108th St	One-Way Directional							5.4	4.8		2.7	0.5	3.0	Tyned					No
7/17/2013	40Z44-01	SHERIDAN AVE S	W 110th St	One-Way Directional	2007-101						3.2	1.2	1.3	0.8	4.5	1.0	Cast iron	No, more than 3" Gap				Yes
7/17/2013	49Z43-01	SHERIDAN AVE S	W 110th St	One-Way Directional	2007-101						8.9	1.9		3.4	2.7	2.2	Cast iron					No
7/17/2013	40O40-01	THOMAS AVE S	W 108th St	One-Way Directional		0	0				3.8	6.6		2.6	4.1	0.5	None					No
7/17/2013	40O41-01	THOMAS AVE S	W 108th St	Diagonal							6.1	4.5		2.1	1.5	2.1	Tyned					No
7/17/2013	40Z40-01	THOMAS AVE S	W 110th St	One-Way Directional	2005-102	5	4	0.1	1.4		4.9	2.5		0.0	0.7	2.1	Colored concrete					No
7/17/2013	40Z41-01	THOMAS AVE S	W 110th St	One-Way Directional	2007-101						3.4	2.0	9.1	1.4	3.1	1.3	Cast iron	No, more than 3" Gap				Yes
7/17/2013	51A40-01	THOMAS AVE S	W 110th St	One-Way Directional	2007-101						0.3	1.0	3.0	2.0	2.2	0.2	Cast iron	No, more than 3" Gap				Yes
7/17/2013	51A36-01	UPTON AVE S	W 110TH ST	One-Way Directional	2007-101						8.9	4.0		1.3	1.0	0.9	Cast iron					No
7/17/2013	51A37-01	UPTON AVE S	W 110TH ST	One-Way Directional	2007-101						3.9	1.2	4.5	0.6	3.6	1.1	Cast iron	No, more	Yes, 5' or less from BOC			Yes
7/17/2013	40Z33-01	VINCENT AVE S	W 110th St	One-Way Directional	2007-101						8.6	4.9		2.4	4.3	3.5	Cast iron					No
7/17/2013	40Z34-01	VINCENT AVE S	W 110th St	One-Way Directional	2005-102						6.3	2.0		0.3	2.7	2.8	Colored concrete					No
7/17/2013	51A32-01	VINCENT AVE S	W 110th St	One-Way Directional	2007-101	0	0				7.1	5.2		1.9	0.2	0.5	Cast iron					No
7/17/2013	51A33-01	VINCENT AVE S	W 110th St	One-Way Directional	2007-101	5	4	1.6	0.9		8.2	3.3		0.3	1.3	0.0	Cast iron					No
7/17/2013	51A29-01	WASHBURN AVE S	W 110th St	One-Way Directional	2007-101						0.2	2.0	2.0	2.7	4.0	0.5	Cast iron	No, more than 3" Gap				Yes
7/17/2013	51A30-01	WASHBURN AVE S	W 110th St	One-Way Directional	2007-101						8.9	2.5		2.7	0.0	2.9	Cast iron					No
7/17/2013	51T26-01	XERXES AVE S	OVERLOOK DR	One-Way Directional							0.5	0.5		2.2	2.6	0.1	None					No
7/17/2013	51A27-01	XERXES AVE S	W 110th St	One-Way Directional	2008-102						2.0	2.0	2.0	0.5	2.8	0.8	Cast iron	No, more	No, reconstruct to correct			No
7/16/2013	42U29-01	HUMBOLDT AVE S	W 109th St	One-Way Directional		4	5	2.8	2.0		7.6	1.8		1.0	1.3	2.4	None					No
7/16/2013	44A27-01	NICOLLET AVE S	W 107 st	One-Way Directional		5	4	2.0	1.2		9.0	4.1		1.6	2.0	3.0	None					No
7/16/2013	44A26-01	NICOLLET AVE S	W 107 th st cir	One-Way Directional		5	4	1.8	1.8		5.0	2.4		2.1	1.0	2.5	None					No
7/16/2013	44B27-01	NICOLLET AVE S	W 107 th st cir	Perpendicular		5	5	2.6	1.8		5.8	3.3		0.8	2.3	0.7	Cast iron					<Null>
7/16/2013	42Z04-01	OVERLOOK DR	W 110th St	Diagonal	2007-101	4	4	0.8	4.7		11.4	2.1		2.7	3.8	2.3	Cast iron					No
7/16/2013	49B03-01	OVERLOOK DR	W 110th St	One-Way Directional	2007-101	5	4	2.8	2.7		5.4	1.0		0.2	5.9	0.6	Cast iron					No
7/16/2013	49B04-01	OVERLOOK DR	W 110TH ST	Perpendicular	2009-102	7.5	9	6.0	7.0		12.5	4.5		0.9	4.1	1.9	Cast iron					No
7/16/2013	42T02-01	OVERLOOK DR	WELLS WOOD CUR	One-Way Directional	2010-102	5	4	2.0	1.4		6.0	0.5	2.5	0.7	6.0	0.4	Cast iron	No, more	Yes			Yes
7/16/2013	42U01-01	OVERLOOK DR	WELLS WOOD CUR	One-Way Directional	2010-102						10.2	1.5		1.0	1.0	1.2	Cast iron					No
7/16/2013	42U02-01	OVERLOOK DR	WELLS WOOD CUR	Perpendicular	2010-102	4	5	10.5	0.9		6.2	8.2		2.8	3.7	0.8	Cast iron					No
7/16/2013	42Q02-01	OVERLOOK DR	WELLSWOOD CUR	One-Way Directional	2010-102						9.8	0.5		2.1	3.3	1.5	Cast iron					No
7/16/2013	42R02-01	OVERLOOK DR	WELLSWOOD CUR	Diagonal	2010-102						7.9	0.7	3.7	1.6	3.6	3.6	Cast iron	No, more	Yes			<Null>
7/16/2013	44B22-01	WENTWORTH AVE S	W 107th St	One-Way Directional		5	4	2.9	1.0		9.1	3.1		0.8	3.0	0.6	None					No
7/16/2013	44C22-01	WENTWORTH AVE S	W 107th St	One-Way Directional		4	4	2.9	0.6		5.0	3.8		0.3	4.1	1.3	None					<Null>
7/15/2013	43A49-01	4TH AVE S	E 102ND ST	One-Way Directional	2008-102	5	4	2.9	4.3		6.3	2.8		0.3	0.0	0.5	Cast iron					No
7/15/2013	43A50-01	4TH AVE S	E 102ND ST	One-Way Directional	2008-102	6	4	5.0	3.4		8.6	8.9		0.1	2.2	0.7	Cast iron					No
7/15/2013	43A42-01	CLINTON AVE S	E 102ND ST	One-Way Directional	2008-102	5	4	2.5	0.7		6.0	2.8		0.5	1.4	0.1	Cast iron					No
7/15/2013	43A43-01	CLINTON AVE S	E 102ND ST	One-Way Directional	2008-102	4	4	1.5	1.6		6.9	4.9		1.6	2.7	0.2	Cast iron					No
7/15/2013	43A25-02	NICOLLET AVE S	W 102ND ST	One-Way Directional	2015-102	5	5	0.2	0.5		8.1	1.9	3.8	0.3	5.8	2.1	Cast iron	Yes, less	Yes			Yes
7/11/2013	27R23-01		E OLD SHAKOPEE RD	Perpendicular		5	10	2.5	1.3		11.6	5.5		0.0	6.1	1.3	None					No
7/11/2013	27S23-01		E OLD SHAKOPEE RD	Perpendicular		5	5	0.7	3.1		7.1	0.3		0.0	9.6	0.9	None					No
7/11/2013	27S22-01	10TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2007-101	6	5	0.4	1.8		8.0	5.0		3.3	2.5	4.1	Cast iron					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/11/2013	27A27-01	12TH AVE S	E 94TH ST	Perpendicular	2006-101						4.9	2.0	6.2	3.5	2.8	1.3	Cast iron	Yes, less	Yes			Yes
7/11/2013	43M30-01	1ST AVE S	E 104TH ST	One-Way Directional	2007-101						5.7	9.9		0.6	2.0	2.3	Cast iron					No
7/11/2013	43M31-01	1ST AVE S	E 104TH ST	One-Way Directional	2007-101	6	5	0.7	0.7		3.4	5.2		0.7	2.8	1.7	Cast iron					No
7/11/2013	43M32-01	1ST AVE S	E 104TH ST	One-Way Directional	2007-101	4	5	1.2	0.6		4.5	5.2		0.4	0.1	1.0	Cast iron					No
7/11/2013	43M46-01	4TH AVE S	E 104TH ST	One-Way Directional							2.0	2.0		1.4	0.8	3.3	None					No
7/11/2013	43A45-01	5TH AVE S	E 102ND ST	One-Way Directional	2008-102	0	0				4.0	6.9		1.1	4.6	1.2	Cast iron					No
7/11/2013	43A46-01	5TH AVE S	E 102ND ST	Diagonal	2008-102	0	0				8.6	6.3		0.2	1.8	1.5	Cast iron					No
7/11/2013	43M42-01	CLINTON AVE S	E 104TH ST	One-Way Directional							4.5	1.8		5.0	0.0	3.7	Tyned					No
7/11/2013	43M43-01	CLINTON AVE S	E 104TH ST	One-Way Directional		5	5	2.0	2.0		6.0	2.0		1.7	1.4	1.2	Tyned					No
7/11/2013	43S01-01	LYNDALE AVE S	MISSION RD	One-Way Directional	2007-102	4	4	1.7	1.9		2.8	6.9		0.1	3.0	2.7	Cast iron					No
7/11/2013	43U01-01	LYNDALE AVE S	MISSION RD	One-Way Directional	2007-102						2.0	2.0	11.0	3.5	4.3	1.6	Cast iron	Yes, less	than 3" Gap			Yes
7/11/2013	43O01-01	LYNDALE AVE S	W 104th st	One-Way Directional	2007-102	4	4	3.3	1.1		4.4	3.0		1.4	0.3	1.4	Cast iron					No
7/11/2013	43P01-01	LYNDALE AVE S	W 104th st	One-Way Directional	2007-102	4	4	1.7	3.3		2.1	3.5		4.9	2.7	2.4	Cast iron					No
7/11/2013	43M27-01	NICOLLET AVE S	E 104TH ST	Diagonal		0	0				8.6	6.0		4.3	7.0	1.5	Plastic					No
7/11/2013	43N27-01	NICOLLET AVE S	E 104TH ST	One-Way Directional	2007-101						5.0	1.9	3.4	0.9	0.7	1.7	Cast iron	No, more	No, reconstruct to correct			No
7/11/2013	43K26-01	NICOLLET AVE S	W 104th st	One-Way Directional		5	4	1.7	0.8		10.0	2.0		1.6	5.0	1.9	Tyned					No
7/11/2013	43L26-01	NICOLLET AVE S	W 104th st	One-Way Directional							18.5	4.1		5.0	0.9	5.2	None					No
7/11/2013	28Z04-01	OAKLAND RD	E 102ND ST	One-Way Directional		5	5	2.7	0.4		3.0	6.8		0.2	2.0	2.0	None					No
7/11/2013	28Z05-01	OAKLAND RD	E 102ND ST	One-Way Directional		5	5	4.4	0.4		2.5	7.0		1.0	3.0	1.2	None					No
7/11/2013	28M01-01	PORTLAND AVE S	E 100TH ST	One-Way Directional	2010-102	5	4	2.2	0.2		3.5	5.5		1.0	3.5	1.0	Cast iron					No
7/11/2013	28Z01-01	PORTLAND AVE S	E 102ND ST	Depressed Corner	2010-102						6.8	4.0		0.3	3.6	1.5	Cast iron					No
7/11/2013	43A52-01	PORTLAND AVE S	E 102ND ST	One-Way Directional	2010-102						0.1	3.0		6.1	4.8	0.4	Cast iron					No
7/11/2013	43M33-01	STEVENS AVE S	E 104TH ST	Diagonal	2007-101	5	5	1.2	1.4		3.0	0.4	4.4	0.3	2.0	0.7	Cast iron	No, more	than 3" Gap			Yes
7/10/2013	27Z09-01	COLUMBUS AVE S	E OLD SHAKOPEE RD	Diagonal	2009-101						11.7	2.3		0.0	1.2	0.7	Cast iron	No, more	No, reconstruct to correct			No
7/10/2013	27Z10-01	COLUMBUS AVE S	E OLD SHAKOPEE RD	Diagonal	2009-101						5.0	1.6	0.0	0.0	0.6	0.6	Cast iron	No, more	No, reconstruct to correct			No
7/10/2013	28A09-01	COLUMBUS AVE S	E OLD SHAKOPEE RD	Parallel		5	5	0.4	1.4		4.4	5.7		0.0	1.7	0.9	Tyned					No
7/10/2013	28A10-01	COLUMBUS AVE S	E OLD SHAKOPEE RD	Parallel		5	5	2.0	2.0		1.1	8.8		0.0	1.6	1.0	Cast iron					No
7/9/2013	28Z19-01	10TH AVE S	E 102ND ST	One-Way Directional	2006-102	0	0				3.0	5.7		1.0	2.0	0.9	Cast iron					No
7/9/2013	28Z13-01	CHICAGO AVE S	E 102ND ST	One-Way Directional							2.9	4.7		2.2	3.0	1.4	None					No
7/9/2013	28Z14-01	CHICAGO AVE S	E 102ND ST	One-Way Directional	2006-102						0.1	10.5		2.1	4.3	1.7	Cast iron					No
7/9/2013	28Z10-01	COLUMBUS AVE S	E 102ND ST	Combined Directional	2006-102						0.4	1.7	4.9	0.2	5.7	1.5	Cast iron	No, more	No, reconstruct to correct			No
7/9/2013	28Z16-01	EILLIOT AVE S	E 102ND ST	One-Way Directional							5.0	12.4		1.1	6.0	2.1	None					No
7/9/2013	28Z17-01	EILLIOT AVE S	E 102ND ST	One-Way Directional							5.8	9.4		0.8	3.3	3.1	None					No
7/5/2013	28N06-01		E 100TH ST	Diagonal		5	5	1.4	2.5		7.6	0.6		0.9	1.4	1.6	Tyned					No
7/5/2013	28V09-01	COLUMBUS AVE S		Perpendicular							11.4	2.5		1.3	4.8	0.5	None					No
7/5/2013	28Z09-01	COLUMBUS AVE S	E 102ND ST	One-Way Directional		0	0				3.2	7.9		0.4	6.8	2.1	None					No
7/5/2013	28M04-01	OAKLAND AVE S		Diagonal							0.2	1.5		1.0	2.1	1.0	None					No
7/5/2013	28H04-01	OAKLAND AVE S	E 99TH ST	One-Way Directional							2.4	1.7		0.7	2.2	0.4	None					No
7/5/2013	28H05-01	OAKLAND AVE S	E 99TH ST	Diagonal		5	5.6	0.2	0.8		7.0	0.6		0.9	3.0	2.1	None					No
7/5/2013	28Z07-01	PARK AVE S	E 102ND ST	One-Way Directional		0	0				2.6	5.1		0.9	5.6	1.5	None					No
7/5/2013	28Z08-01	PARK AVE S	E 102ND ST	One-Way Directional		0	0				2.3	6.5		0.2	6.5	1.4	None					No
7/5/2013	28U08-01	PARK AVE S	OAKLAND RD	Perpendicular		5	5	0.6	1.7		9.8	0.3		0.8	5.6	0.5	Tyned					No
7/5/2013	28G01-01	PORTLAND AVE S	E 99TH ST	One-Way Directional	2010-102						2.0	3.5	9.8	0.6	0.1	1.1	Cast iron					No
7/5/2013	28H01-01	PORTLAND AVE S	E 99TH ST	Depressed Corner	2010-102						1.7	2.6	1.1	0.8	0.4	0.9	Cast iron	No, more	Yes			No
7/5/2013	28H01-02	PORTLAND AVE S	E 99TH ST	Depressed Corner	2010-102	0	0				3.9	5.4		1.8	4.4	0.9	Cast iron					No
7/2/2013	27Z22-01	11TH AVE S	E 98TH ST	Parallel		5	5	1.7	2.9		8.0	1.8		1.4	2.6	0.8	Tyned					<Null>
7/2/2013	27O26-01	12TH AVE S	E OLD SHAKOPEE RD	One-Way Directional		4	5	1.0	2.0		2.7	5.0		0.0	1.4	0.5	Tyned					No
7/2/2013	27P26-01	12TH AVE S	E OLD SHAKOPEE RD	One-Way Directional		5	5	1.3	0.9		8.9	4.5		0.0	0.0	0.1	Tyned					No
7/2/2013	28A28-01	13TH AVE S	E 98TH ST	One-Way Directional		5	4	0.8	3.4		10.9	0.9		0.2	2.6	2.2	Tyned					<Null>
7/2/2013	28A29-01	13TH AVE S	E 98TH ST	One-Way Directional		5	4	0.6	0.2		10.3	0.6		1.5	1.4	2.8	Tyned					<Null>

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
7/2/2013	28A34-01	14TH AVE S	E 98TH ST	One-Way Directional	2007-101	4	4	2.0	1.4		6.3	0.6	4.7	1.6	0.1	0.1	Cast iron	NA, domes not directional to path of				Yes
7/2/2013	27Z12-01	CHICAGO AVE S	E OLD SHAKOPEE RD	One-Way Directional		5	5	3.1	0.3		2.6	5.6		0.0	0.5	1.4	Tyned					No
7/2/2013	27Z13-01	CHICAGO AVE S	E OLD SHAKOPEE RD	One-Way Directional		5	5	2.8	1.3		5.3	7.2		0.0	0.0	1.6	Tyned					No
7/2/2013	27M03-01	OAKLAND AVE S	E 96TH ST	One-Way Directional	2009-101						5.8	2.9	7.4	1.1	0.5	1.4	Cast iron	No, more	Yes			No
7/2/2013	27M04-01	OAKLAND AVE S	E 96TH ST	One-Way Directional	2009-101						4.6	2.7		0.6	4.0	0.8	Cast iron					No
7/2/2013	27Z03-01	OAKLAND AVE S	E 98TH ST	One-Way Directional							7.7	1.1		4.1	1.4	0.7	Tyned					No
7/2/2013	27Z04-01	OAKLAND AVE S	E 98TH ST	One-Way Directional		0	0				5.6	5.2		0.0	1.5	3.0	None					No
7/2/2013	27M06-01	PARK AVE S	E 96TH ST	One-Way Directional	2011-101	5	4	2.0	1.4		7.5	2.2		2.3	0.8	2.3	Cast iron	No, more than 3" Gap				No
7/2/2013	27Z06-01	PARK AVE S	E 98TH ST	One-Way Directional		5	5	2.0	2.0		7.9	2.6		0.0	1.0	2.3	Cast iron		No, reconstruct to correct			No
7/2/2013	27Z07-01	PARK AVE S	E 98TH ST	Parallel	2005-101	5	5	2.3	1.7		9.5	1.5		1.3	0.5	2.1	Colored concrete					No
7/2/2013	27G00-01	PORTLAND AVE S	E 95TH ST	One-Way Directional		5	4	3.5	0.3		6.9	6.0		3.3	3.6	3.9	None					No
7/2/2013	27H00-01	PORTLAND AVE S	E 95TH ST	One-Way Directional		5	4	1.9	0.6		8.3	2.2		3.2	1.9	0.6	None					No
7/2/2013	29H52-01	PORTLAND AVE S	E 95TH ST	One-Way Directional		5	4	0.7	1.4		5.8	0.6		1.3	1.3	1.6	Colored concrete					No
7/2/2013	27N00-01	PORTLAND AVE S	E 96TH ST	One-Way Directional	2009-101						7.3	4.3		1.3	2.4	2.0	Cast iron					No
7/2/2013	27Z01-01	PORTLAND AVE S	E OLD SHAKOPEE RD	Diagonal	COUNTY	7	10	0.9	1.5		9.0	2.5		4.1	5.5	0.2	Cast iron					No
7/2/2013	28A01-01	PORTLAND AVE S	E OLD SHAKOPEE RD	Diagonal		4	10	3.9	4.6		9.1	1.1		2.0	4.8	2.8	Tyned					No
7/1/2013	27J30-01	12TH AVE S	E OLD SHAKOPEE RD	Diagonal							5.6	0.2		0.0	0.9	1.3	None					No
7/1/2013	27M28-01	E OLD SHAKOPEE RD	E 96TH ST	One-Way Directional		4	5	2.6	0.2		8.7	1.1		0.0	0.6	3.3	None					No
7/1/2013	27N27-01	E OLD SHAKOPEE RD	E 96TH ST	One-Way Directional		5	5	0.2	1.0		8.4	1.5		0.0	1.6	4.1	None					No
7/1/2013	23U13-01	E OLD SHAKOPEE RD	GLENVIEW LN	Perpendicular	COUNTY						5.0	0.2	2.7	0.6	1.6	0.3	Cast iron	Yes, less	Yes			Yes
7/1/2013	23U13-02 R	E OLD SHAKOPEE RD	GLENVIEW LN	Perpendicular	COUNTY	6.5	6	1.3	1.4		2.8	1.7	1.9	1.4	2.3	2.0	Cast iron					Yes
7/1/2013	23U13-02 R	E OLD SHAKOPEE RD	GLENVIEW LN	Perpendicular	COUNTY	6.5	6	1.3	1.4		5.7	0.3	0.6	0.6	1.6	0.3	Cast iron					Yes
7/1/2013	23V14-01	E OLD SHAKOPEE RD	GLENVIEW LN	Depressed Corner	COUNTY						0.5	1.4	2.0	2.0	1.5	1.0	Cast iron	Yes, less	Yes			Yes
7/1/2013	23W14-01	E OLD SHAKOPEE RD	GLENVIEW LN	One-Way Directional	COUNTY						1.6	0.3	1.5	3.6	3.3	2.2	Cast iron	Yes, less	Yes			Yes
7/1/2013	27C37-01	Riverview Ave S	E OLD SHAKOPEE RD	One-Way Directional		4	5	1.3	0.9		4.6	5.1		0.0	3.1	1.3	None					No
7/1/2013	27C38-01	Riverview Ave S	E OLD SHAKOPEE RD	One-Way Directional		4	5	0.0	2.5		5.1	5.4		0.0	2.7	0.5	Tyned					No
7/1/2013	27C39-01	Riverview Ave S	E OLD SHAKOPEE RD	One-Way Directional							5.0	2.0		0.0	1.7	0.4	Tyned					No
6/28/2013	23R13-01	E OLD SHAKOPEE RD	E 89TH ST	One-Way Directional							0.1	11.2		3.3	5.5	2.0	None					No
6/28/2013	23R15-01	E OLD SHAKOPEE RD	E 89TH ST	One-Way Directional							11.7	1.1		4.2	0.2	3.6	None					No
6/27/2013	23K17-01	E OLD SHAKOPEE RD	E 88TH ST	Perpendicular		5	5.5	5.6	3.8		7.1	0.7		1.4	3.4	0.7	None					No
6/27/2013	23K18-01	E OLD SHAKOPEE RD	E 88TH ST	Parallel		6.7	4.5	2.4	2.4		9.6	1.3		1.7	3.6	1.4	None					No
6/27/2013	23K18-02	E OLD SHAKOPEE RD	E 88TH ST	Diagonal		4	4	3.0	2.2		6.2	2.0		1.2	0.7	0.7	None					No
6/27/2013	23L18-01	E OLD SHAKOPEE RD	E 88TH ST	Diagonal							13.6	0.7		1.7	0.6	0.4	None					No
6/27/2013	23L20-01	River ridge rd	E 88TH ST	One-Way Directional	2003-102	5	5	3.4	1.6		14.4	0.4		0.3	3.2	1.8	Colored concrete					No
6/26/2013	02Z15-01	22ND AVE S	E 86TH ST	One-Way Directional		5	4	2.9	1.5		8.0	6.1		1.6	1.3	0.5	Exposed aggregate					No
6/26/2013	02Z16-01	22ND AVE S	E 86TH ST	One-Way Directional		5	4	1.5	0.5		4.2	6.5		0.3	1.6	1.9	None					No
6/26/2013	23A15-01	22ND AVE S	E 86TH ST	One-Way Directional		5	4	1.9	1.4		6.6	4.4		0.4	0.4	0.1	None					No
6/26/2013	23A16-01	22ND AVE S	E 86TH ST	One-Way Directional		5	4	1.5	0.1		8.4	6.5		0.9	3.9	0.8	None					No
6/26/2013	02M40-01	28TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2008-301						3.6	1.3	1.9	0.1	1.1	0.5	Cast iron					No
6/26/2013	02M40-01A	28TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2008-301						5.4	0.5	3.4	0.5	2.0	0.5	Cast iron					<Null>
6/26/2013	85Z01-01	31ST AVE S	E OLD SHAKOPEE RD	One-Way Directional	2005-303	8.5	8	1.1	1.5		7.0	0.2		2.7	1.4	2.6	Colored concrete	No, more than 3" Gap				No
6/26/2013	85Z02-01	31ST AVE S	E OLD SHAKOPEE RD	One-Way Directional	2005-303						4.1	2.0		1.0	0.0	2.5	Colored concrete	No, more than 3" Gap				No
6/26/2013	85X05-01	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	6	3.5	2.2	3.9		4.9	2.0		2.6	1.7	0.8	Colored concrete					No
6/26/2013	85X06-01 1	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	5.5	5	0.3	1.3		1.4	0.4	1.3	2.1	4.1	1.0	Colored concrete					Yes
6/26/2013	85X06-01 2	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	5.5	5	0.3	1.3		1.6	0.3	2.3	2.2	3.4	2.7	Colored concrete					Yes
6/26/2013	85X06-01 3	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	5.5	5	0.3	1.3		0.7	0.3	0.0	0.1	1.7	1.1	Colored concrete					Yes
6/26/2013	85X07-01	33RD AVE S	E OLD SHAKOPEE RD	Diagonal	2005-303						2.3	3.5	2.2	3.2	3.2	3.3	Colored concrete					No
6/26/2013	85X07-01A	33RD AVE S	E OLD SHAKOPEE RD	Diagonal	2005-303	0	0				0.7	6.6	2.3	6.0	0.5	4.5	Colored concrete					No
6/26/2013	85X08-01	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	7	7	4.1	3.4		5.5	3.2		3.0	2.8	3.7	Colored concrete					No
6/26/2013	85Y08-01	33RD AVE S	E OLD SHAKOPEE RD	Perpendicular	2005-303	9	7	1.9	2.9		11.7	1.8		3.5	2.0	2.5	Colored concrete					No

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/26/2013	23I18-01	E OLD SHAKOPEE RD	E 87TH ST	One-Way Directional							3.2	2.3		0.3	1.4	0.4	None					No
6/26/2013	24J18-01	E OLD SHAKOPEE RD	E 87TH ST	Diagonal		5	5	0.2	2.6		12.0	1.7		0.9	1.2	1.1	None					No
6/26/2013	02Z04-01	E SERVICE RD	E 86TH ST	One-Way Directional							10.0	2.3		3.6	2.2	2.6	None					No
6/26/2013	02Z05-01	E SERVICE RD	E 86TH ST	One-Way Directional							1.1	1.8		0.5	3.4	1.8	None					No
6/26/2013	23A01-01	E SERVICE RD	E 86TH ST	Perpendicular		5	10	1.7	2.9		12.5	1.3		2.4	3.2	1.6	None					No
6/24/2013	01Z25-01	24TH AVE S	E 82ND ST	Perpendicular		5	5	3.7	2.5		5.8	1.9		0.7	0.0	1.4	None					No
6/24/2013	01Z25-02	24TH AVE S	E 82ND ST	Diagonal		15	6.5	2.9	0.8		9.7	2.1	9.0	1.7	0.6	1.4	None					No
6/24/2013	01Z25-02A	24TH AVE S	E 82ND ST	Diagonal		15	6.5	2.9	0.8		7.3	2.6	6.4	0.8	1.5	1.2	None					No
6/24/2013	01Z25-02B	24TH AVE S	E 82ND ST	Diagonal		15	6.5	2.9	0.8		8.0	0.4	1.8	1.1	0.5	1.5	None					No
6/24/2013	02A25-01	24TH AVE S	E 82ND ST	Perpendicular	2012-605	6.5	5	1.6	1.6		6.4	2.3	3.1	3.4	0.0	1.1						<Null>
6/24/2013	02A27	24TH AVE S	E 82ND ST	Perpendicular	2017-102	6	6	0.9	0.1		7.9	1.4	1.9	4.1	2.0	0.7	Cast iron	Yes, less	Yes			Yes
6/24/2013	02A27-02	24TH AVE S	E 82ND ST	Perpendicular	2017-102	4	6	1.2	1.0		5.6	1.2	1.0	2.2	0.1	3.2	Cast iron	Yes, less	Yes			Yes
6/24/2013	01Z41-01	28TH AVE S	E 82ND ST	One-Way Directional	None						2.9	1.1		1.0	0.8	0.5	Cast iron	No, more than 3"	Gap			Yes
6/24/2013	02B41-01	28TH AVE S	E 82ND ST	One-Way Directional	None	5.5	9	3.0	1.3		1.6	4.3		1.9	2.6	4.0	Cast iron					No
6/24/2013	02M39-01	28TH AVE S	E OLD SHAKOPEE RD	Tiered Perpendicular	2008-301						4.8	0.4		1.9	1.4	0.2	Cast iron	No, more	Yes			No
6/24/2013	02M41-01	28TH AVE S	E OLD SHAKOPEE RD	Perpendicular	2008-301	8	8	3.5	1.9		11.0	1.2		1.5	0.1	2.2	Cast iron					No
6/24/2013	85T12-01	34TH AVE S	Appletree Square	Perpendicular	2009-203	9	5	0.3	0.3		7.0	1.6		1.1	1.4	0.5	Exposed aggregate					<Null>
6/21/2013	01I05-01		AMERICAN BLVD E	Perpendicular	2001-301	8	12	2.3	0.7		2.0	1.7		2.6	1.4	2.3	Colored concrete					No
6/21/2013	01I08-01		AMERICAN BLVD E	Perpendicular	2001-301						4.2	1.7		2.9	0.6	2.4	Colored concrete					No
6/21/2013	01I06-01		AMERICAN BLVD E	Perpendicular	2001-301						2.0	2.0	4.2	0.2	0.4	1.0	Colored concrete	No, more than 3"	Gap			No
6/21/2013	01I06-01A		AMERICAN BLVD E	Perpendicular	2001-301						2.0	2.0	0.3	1.0	0.6	1.2	Colored concrete	No, more than 3"	Gap			No
6/21/2013	01I07-01		AMERICAN BLVD E	Perpendicular	2001-301	11	8.5	0.6	4.2		5.0	2.1	2.1	2.0	1.3	2.8	Colored concrete	No, more than 3"	Gap			No
6/21/2013	01I07-01A		AMERICAN BLVD E	Perpendicular	2001-301	11	8.5	0.6	4.2		4.8	3.4	3.1	2.8	0.6	3.2	Colored concrete	No, more than 3"	Gap			No
6/20/2013	01G14-01	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	7.5	7.5	3.3	3.5		7.3	2.5		2.1	3.2	2.2	Colored concrete					No
6/20/2013	01G15-01	THUNDERBIRD RD	AMERICAN BLVD E	Parallel	2001-301	4	4.5	0.2	3.1		2.9	1.6		0.9	1.9	1.6	Colored concrete					No
6/20/2013	01I14-01	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	8	14.5	1.6	3.8		4.2	1.4		1.4	1.6	0.7	Colored concrete					No
6/20/2013	01I14-02-1	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	10	0.2	0.2		3.5	1.9	10.0	0.7	0.3	0.5	Colored concrete	No, more than 3"	Gap			No
6/20/2013	01I14-02-2	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	10	0.2	0.2		5.0	0.5	9.4	0.6	1.0	0.5	Colored concrete	No, more than 3"	Gap			No
6/20/2013	01I14-02-3	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	10	0.2	0.2		1.7	0.4	1.2	0.3	1.4	1.0	Colored concrete	No, more than 3"	Gap			No
6/20/2013	01I15-01	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	8	13.5	4.1	2.3		8.1	3.4		3.2	1.9	2.2	Colored concrete					No
6/20/2013	01I15-02	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	9	0.4	1.7		3.5	0.6	10.2	1.9	3.6	0.6	Colored concrete					No
6/20/2013	01I15-02A	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	9	0.4	1.7		4.9	1.6	2.3	1.8	1.5	2.0	Colored concrete					No
6/20/2013	01I15-02B	THUNDERBIRD RD	AMERICAN BLVD E	Perpendicular	2001-301	5	9	0.4	1.7		4.6	1.6	6.5	0.3	0.3	0.1	Colored concrete					No
6/19/2013	01K25-01	24TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	8	12.7	4.0	3.9		7.7	2.8		2.6	0.8	3.5	Colored concrete					No
6/19/2013	01M25-01	24TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	8	14.5	0.6	1.8		8.8	0.0		0.0	1.2	0.9	Colored concrete					No
6/19/2013	01M26-01	24TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	23	10	0.8	4.3		5.0	1.7	8.2	1.6	1.1	2.0	Colored concrete					No
6/19/2013	01M26-02	24TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	23	10	0.8	4.3		3.5	1.9	6.6	1.9	1.9	1.8	Colored concrete					No
6/19/2013	01M26-03	24TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	23	10	0.8	4.3		7.2	1.4	6.5	1.4	2.4	0.5	Colored concrete					No
6/19/2013	01K26-01	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2018-102	6	5	1.2	1.1		4.5	0.3	0.5	6.0	0.0	3.2	Cast iron	Yes, less	Yes			Yes
6/19/2013	01K26-02	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2018-102	7	5	0.4	1.6		6.1	0.4	0.3	3.5	0.0	2.8	Cast iron	Yes, less	Yes			Yes
6/19/2013	01K26-03	24TH AVE S	E OLD SHAKOPEE RD	One-Way Directional	2014-102	5	5	0.8	3.3		6.6	1.0	1.5	3.0	2.1	2.0	Cast iron	Yes, less	Yes			No
6/19/2013	01L39-01	28TH AVE S	AMERICAN BLVD E	One-Way Directional	2018-102	7	4	1.0	1.4		0.4	0.5	0.9	1.4	0.0	1.5	Cast iron	Yes, less	Yes			Yes
6/19/2013	01L41-01	28TH AVE S	AMERICAN BLVD E	One-Way Directional	2001-301						2.9	2.3		3.4	0.8	2.8	Exposed aggregate					No
6/19/2013	01M39-01	28TH AVE S	AMERICAN BLVD E	Perpendicular	2018-102	8	6	0.1	0.9		7.5	0.9	0.3	4.2	1.0	1.1	Cast iron	Yes, less	Yes			Yes
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	13	10	1.1	1.1		13.8	0.6	7.4	0.3	3.3	0.4	Exposed aggregate					No
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	13	10	1.1	1.1		6.5	1.2	2.7	2.0	0.2	1.7	Exposed aggregate					No
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	13	10	1.1	1.1		8.5	0.9	6.1	1.2	1.1	1.0	Exposed aggregate					No
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2018-102	4	6	1.9	0.1		2.7	0.9	0.4	2.1	0.5	6.6	Cast iron	Yes, less	Yes			Yes
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2018-102	4	5	0.1	2.0		1.2	0.5	0.7	1.3	0.4	1.8	Cast iron	Yes, less	Yes			Yes
6/19/2013	01M40-01 (\$	28TH AVE S	AMERICAN BLVD E	Perpendicular	2018-102	4	6	0.1	2.0		3.1	0.7	0.5	3.2	1.1	0.4	Cast iron	Yes, less	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/19/2013	01M41-01	28TH AVE S	AMERICAN BLVD E	Perpendicular	2001-301	8.6	9.5	0.4	1.2		1.4	10.6		1.2	1.4	1.4	Exposed aggregate					No
6/19/2013	01L44-01	METRO DR	AMERICAN BLVD E	One-Way Directional	2010-102	5	9	0.1	0.3		0.5	3.5		0.5	0.1	0.5	Cast iron					No
6/19/2013	01L44-02	METRO DR	AMERICAN BLVD E	One-Way Directional	2010-102	4	8.8	2.0	0.5		4.2	2.5		0.3	1.6	0.1	Cast iron					No
6/19/2013	01L52-01	METRO DR	AMERICAN BLVD E	One-Way Directional	2010-102	6.6	9	0.4	2.4		5.4	0.3		1.2	4.1	3.4	Cast iron					No
6/19/2013	85L01-01	METRO DR	AMERICAN BLVD E	Perpendicular	2010-102	8	5.5	3.7	4.0		10.2	2.1		1.8	2.6	1.8	Cast iron					No
6/18/2013	85J05-02	INTERNATIONAL DR	AMERICAN BLVD E	Perpendicular	2012-101	5	5.7	1.5	2.2		8.4	1.5		1.3	3.5	1.4	Cast iron					No
6/18/2013	85J06-R1	INTERNATIONAL DR	AMERICAN BLVD E	Perpendicular	2012-101	4	4.3	6.1	1.4		2.0	5.1	2.3	0.5	3.2	1.3	Cast iron					No
6/18/2013	85J06-R2	INTERNATIONAL DR	AMERICAN BLVD E	Perpendicular	2012-101	4	4.3	6.1	1.4		1.5	5.1	6.8	3.3	0.4	3.7	Cast iron					No
6/18/2013	72R22-01	YUKON AVE S	W 109th St	One-Way Directional		5	5	2.2	0.7		7.0	0.5		0.7	1.0	0.8	Tyned					No
6/18/2013	72S22-01	YUKON AVE S	W 109th St	One-Way Directional		7	6	1.8	2.6		7.3	2.0		2.2	0.9	3.4	Tyned					No
6/18/2013	72S23-01	YUKON AVE S	W 109TH ST	Perpendicular		5	4	2.3	1.3		10.2	2.2		0.2	1.8	0.2	Tyned					No
6/18/2013	72M22-01	YUKON AVE S	W Old Shakopee Rd	Diagonal	COUNTY						2.9	11.0		2.1	1.3	2.7	Exposed aggregate					No
6/18/2013	72M23-01	YUKON AVE S	W Old Shakopee Rd	One-Way Directional	COUNTY						6.9	4.0		0.1	2.0	0.9	Exposed aggregate					No
6/18/2013	72O22-01	YUKON AVE S	W Old Shakopee Rd	Diagonal	COUNTY	0	0				13.0	5.2		5.3	0.5	5.2	Exposed aggregate					No
6/18/2013	73N23-01	YUKON AVE S	W Old Shakopee Rd	Diagonal	COUNTY						14.1	3.0		0.9	8.1	4.3	Exposed aggregate					No
6/17/2013	72I16-01	AQUILA AVE S	WEST PARK HILLS DR	Diagonal							9.9	2.2		2.5	3.3	0.6	None					No
6/17/2013	72G39-01	BLOOMINGTON FERRY RD	LANDAU DR	One-Way Directional		5	5	1.7	1.3		6.6	0.2		1.5	0.5	0.2	None					No
6/17/2013	72H39-01	BLOOMINGTON FERRY RD	LANDAU DR	One-Way Directional							4.0	0.9		0.0	0.5	0.3	None					No
6/17/2013	72F33-01	Wyoming cir		Perpendicular	2005-102						5.5	2.5		1.9	0.5	2.7	Colored concrete					No
6/17/2013	72H28-01	Wyoming Rd	W 107th St	One-Way Directional							8.5	3.6		5.5	1.4	5.5	None					No
6/17/2013	72H29-01	Wyoming Rd	W 107th St	Perpendicular		5	5	1.8	0.7		7.3	2.3		2.7	0.5	2.0	None					No
6/17/2013	72J27-01	YUKON AVE S	WEST PARK HILLS DR	Diagonal		0	0				8.1	7.4		5.9	5.9	1.8	None					No
6/17/2013	72J28-01	YUKON AVE S	WEST PARK HILLS DR	One-Way Directional							2.3	4.0		2.9	3.0	3.2	None					No
6/17/2013	72I24-01	YUKON AVE S	WEST PARK HILLS DR	Perpendicular		5	5	4.2	5.1		12.1	3.8		4.2	5.1	3.1	None					No
6/17/2013	72J24-01	YUKON AVE S	WEST PARK HILLS DR	One-Way Directional							4.4	0.6		1.8	1.2	2.1	None					No
6/17/2013	72I20-01	ZINRAN CIR	WEST PARK HILLS DR	One-Way Directional		0	0				1.6	7.2		1.6	0.4	2.0	None					No
6/17/2013	72I19-01	ZINRAN CIR	WEST PARK HILLS DR	One-Way Directional							2.5	2.9		1.9	4.3	0.1	None					No
6/17/2013	72L32-01		WEST PARK HILLS DR	Perpendicular							2.1	0.7		1.5	3.8	0.7	None					No
6/11/2013	71F37-01	BLOOMINGTON FERRY RD	W 102ND ST	Perpendicular	2011-110						3.8	1.7	2.1	3.1	0.7	3.4	Cast iron	No, more	Yes			Yes
6/11/2013	71F38-01	BLOOMINGTON FERRY RD	W 102nd St	Diagonal	2008-102						4.5	1.5	4.9	5.0	3.8	1.9	Cast iron	No, more than 3"	Gap			No
6/11/2013	71F38-02	BLOOMINGTON FERRY RD	W 102nd St	Diagonal	2008-102						4.2	2.5	4.2	2.4	2.1	1.6	Cast iron	No, more	No, reconstruct to correct			No
6/11/2013	71G37-01	BLOOMINGTON FERRY RD	W 102ND ST	One-Way Directional	2011-110						2.7	1.7	8.4	1.4	4.5	2.2	Cast iron	Yes, less	Yes			Yes
6/11/2013	71G37-02	BLOOMINGTON FERRY RD	W 102ND ST	One-Way Directional	2011-110						2.8	0.8	1.2	0.3	5.2	0.2	Cast iron	Yes, less	Yes			Yes
6/11/2013	71G38-01	BLOOMINGTON FERRY RD	W 102ND ST	One-Way Directional	2011-110						5.0	1.6	3.2	1.0	1.0	4.7	Cast iron	Yes, less	Yes			Yes
6/11/2013	71H38-01	BLOOMINGTON FERRY RD	W 102ND ST	One-Way Directional	2011-110						5.0	0.8	1.3	2.0	5.8	3.3	Cast iron	Yes, less	Yes			Yes
6/11/2013	71H38-02	BLOOMINGTON FERRY RD	W 102ND ST	One-Way Directional	2011-110						4.5	1.1	1.6	1.3	5.6	1.5	Cast iron	Yes, less	Yes			Yes
6/11/2013	71Y39-01	BLOOMINGTON FERRY RD	W 106TH ST	Combined Directional	2014-201	5	5	3.5	3.4		2.0	1.8		1.1	2.5	0.7	Cast iron					Yes
6/11/2013	71P45-01	RHODE ISLAND AVE S	RHODE ISLAND CIR	One-Way Directional	2007-102						5.0	1.4	2.1	2.5	3.9	1.6	Cast iron	No, more than 3"	Gap			Yes
6/11/2013	71Q45-01	RHODE ISLAND AVE S	RHODE ISLAND CIR	One-Way Directional	2007-102						4.6	1.9	3.6	1.5	4.1	0.5	Cast iron	No, more	No, reconstruct to correct			No
6/11/2013	71I45-01	RHODE ISLAND AVE S	W 103rd st	One-Way Directional	2007-102						0.9	2.0	7.6	4.3	1.6	1.0	Cast iron	No, more than 3"	Gap			Yes
6/11/2013	71L45-01	RHODE ISLAND AVE S	W 104th st	One-Way Directional	2007-102						4.5	2.0	3.1	1.2	2.1	2.2	Cast iron	No, more than 3"	Gap			Yes
6/11/2013	71M45-01	RHODE ISLAND AVE S	W 104th st	One-Way Directional	2007-102						1.3	2.0	3.5	0.5	4.0	1.6	Cast iron	No, more than 3"	Gap			Yes
6/11/2013	71R44-01	RHODE ISLAND AVE S	W 105th St	One-Way Directional	2007-102						4.5	0.7	3.9	1.7	3.0	3.2	Cast iron	No, more than 3"	Gap			Yes
6/11/2013	71S45-01	RHODE ISLAND AVE S	W 105th St	One-Way Directional	2007-102						5.2	2.5		0.8	2.6	2.1	Cast iron					No
6/11/2013	71T45-01	RHODE ISLAND AVE S	W 105th St	One-Way Directional	2007-102						4.5	2.0	2.8	0.6	4.1	0.6	Cast iron	No, more than 3"	Gap			Yes
6/10/2013	71A30-01	BLOOMINGTON FERRY RD	Yukon Ave S	One-Way Directional	2008-102						4.4	0.9		1.8	0.4	0.6	Cast iron	No, more than 3"	Gap			Yes
6/10/2013	71A30-02	BLOOMINGTON FERRY RD	Yukon Ave S	Diagonal	2008-102						3.9	3.5		0.2	2.6	0.0	Cast iron					No
6/10/2013	70L32-01	Virginia Ave S	W 99th St	One-Way Directional	2005-101						4.6	0.9	1.6	7.4	0.3	1.9	Colored concrete	Yes, less	Yes			Yes
6/10/2013	71B29-01	YUKON AVE S	BLOOMINGTON FERRY RD	Depressed Corner	2011-110						3.0	1.4	7.6	2.3	1.4	0.2	Cast iron	Yes, less	Yes			Yes
6/10/2013	71B29-02	YUKON AVE S	BLOOMINGTON FERRY RD	One-Way Directional	2011-110						0.8	0.0		0.9	2.3	1.8	Cast iron	No, more than 3"	Gap			<Null>

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
6/10/2013	71B30	YUKON AVE S	BLOOMINGTON FERRY RD	One-Way Directional	2011-110						1.6	2.0	6.6	1.0	2.4	0.0	Cast iron	No, more than 3" Gap				Yes
6/7/2013	62L27-01	W BUSH LAKE RD	W BUSH LAKE PARK	One-Way Directional	2010-401						0.5	0.2	1.9	0.5	3.0	0.3	Cast iron	No, more than 3" Gap				Yes
6/4/2013	58C48-01	Creekside cir	W 84th St	One-Way Directional	2006-201						2.5	1.6	0.5	5.0	4.4	0.7	Cast iron	No, more than 3" Gap				Yes
6/4/2013	58C49-01	Creekside cir	W 84th St	One-Way Directional	2006-201						4.7	1.2	4.0	3.3	2.4	2.9	Cast iron	No, more than 3" Gap	Yes			Yes
6/4/2013	58C42-02	E BUSH LAKE RD	W 84th St	Perpendicular	2006-201	0	0				8.1	7.9		3.8	5.2	3.1	Cast iron					No
6/4/2013	58C43-02	E BUSH LAKE RD	W 84th St	Parallel	2006-201	8.3	7	2.0	0.9		6.3	2.7		1.4	4.6	2.3	Cast iron					No
6/3/2013	58U42-01	CHALET RD		Perpendicular	2012-102						1.4	1.7	3.1	1.8	3.9	0.9	Cast iron	No, more than 3" Gap	Yes			No
6/3/2013	58E39-01	CHALET RD	W 84th St	Diagonal	2006-201	6	13	0.4	1.5		4.7	2.0	6.6	1.0	1.7	0.9	Cast iron	No, more than 3" Gap				Yes
6/3/2013	58E40-01	CHALET RD	W 84th St	Diagonal	2006-201	6	6	1.3	0.6		5.0	2.0	6.9	3.0	1.3	3.0	Cast iron	No, more than 3" Gap				Yes
6/3/2013	58E41-01	CHALET RD	W 84th St	Diagonal	2006-201	8.3	5.5	1.6	1.8		7.2	0.1	4.4	2.8	2.2	3.5	Cast iron	No, more than 3" Gap	Yes			Yes
6/3/2013	58E42-01	CHALET RD	W 84th St	Diagonal	2006-201	8.3	5.5	0.5	1.6		3.8	1.1	4.2	0.2	0.7	2.7	Cast iron	No, more than 3" Gap				Yes
6/3/2013	57Q42-01	CHALET RD		One-Way Directional	2012-401						0.5	1.4	7.0	1.4	0.0	2.5	Cast iron	No, more than 3" Gap	Yes			No
6/3/2013	58R42-01	CHALET RD		One-Way Directional	2012-401						2.7	0.8	2.8	1.6	3.0	3.1	Cast iron	Yes, less than 3" Gap	Yes			Yes
6/3/2013	58S42-01	CHALET RD		One-Way Directional	2012-401						1.7	1.9	3.0	4.2	0.5	3.6	Cast iron	Yes, less than 3" Gap	Yes			Yes
6/3/2013	58T42-01	CHALET RD		One-Way Directional	2012-401						0.4	1.8	0.1	2.7	0.2	3.7	Cast iron	Yes, less than 3" Gap	Yes			Yes
6/3/2013	58C39-01	E BUSH LAKE RD	W 84th St	Perpendicular	2006-201	4	4	1.1	5.2		7.0	2.4		2.3	0.1	2.3	Cast iron					No
6/3/2013	58C40-01 R1	E BUSH LAKE RD	W 84th St	Diagonal	2006-201	4	4	0.3	1.0		3.3	4.5	5.7	3.1	1.1	2.8	Cast iron	No, more than 3" Gap				No
6/3/2013	58C40-01 R2	E BUSH LAKE RD	W 84th St	Diagonal	2006-201	4	4	0.3	1.0		6.8	2.0	4.1	2.6	2.4	2.6	Cast iron	No, more than 3" Gap				Yes
6/3/2013	58C40-01 R3	E BUSH LAKE RD	W 84th St	Diagonal	2006-201	4	4	0.3	1.0		1.9	0.7	6.0	1.5	0.8	0.3	Cast iron	No, more than 3" Gap				Yes
6/3/2013	58C42-01	E BUSH LAKE RD	W 84th St	Combined Directional	2006-201						4.1	0.0		0.9	1.2	1.0	Cast iron	No, more than 3" Gap	Yes			<Null>
6/3/2013	58C43-01	E BUSH LAKE RD	W 84th St	Combined Directional	2006-201						1.8	1.0	5.7	0.4	1.7	0.3	Cast iron	No, more than 3" Gap				<Null>
6/3/2013	58P15-02	HIGHWOOD DR	W 84TH ST	Combined Directional	2014-102	4	5.5	3.5	2.6		2.5	1.4	1.8	1.3	2.2	1.8	Cast iron	Yes, less than 3" Gap				Yes
5/29/2013	60O39-01		W 84th St	Perpendicular							4.4	3.3		1.4	2.3	0.9	None					No
11/21/2012	07z17 (NE) 2	KNOX AVE S	W 82ND ST	Perpendicular	2012-101			1.9	0.8		3.9	1.7	0.9	0.5	0.2	0.6	Cast iron					Yes
11/21/2012	07z17 (NE) 3	KNOX AVE S	W 82ND ST	Perpendicular	2012-101			1.9	0.8		4.1	0.6	0.3	0.8	1.0	1.3	Cast iron					Yes
11/19/2012	35L05 R1	INTERNATIONAL DR	AMERICAN BLVD E	Diagonal	2012-101						0.7	1.6	2.9	7.6	3.9	1.3	Cast iron					Yes
11/19/2012	35L05 R2	INTERNATIONAL DR	AMERICAN BLVD E	Diagonal	2012-101						5.0	1.8	0.9	0.5	1.5	2.9	Cast iron					Yes
11/19/2012	85L07	INTERNATIONAL DR	AMERICAN BLVD E	Perpendicular	2012-101						1.2	1.9		6.9	0.8	3.1	Cast iron	No, more than 3" Gap				No
11/16/2012	05t27	NICOLLET AVE S	W 81ST ST	One-Way Directional	2012-101						0.5	1.3	1.1	5.0	1.6	1.4	Cast iron	Yes, less than 3" Gap	Yes			Yes
11/16/2012	05u27	NICOLLET AVE S	W 81ST ST	One-Way Directional	2012-101						2.4	0.2	2.2	2.8	3.3	0.7	Cast iron	Yes, less than 3" Gap	Yes			Yes
11/15/2012	39b07	CHOWEN AVE S	W 102ND ST	Diagonal	2011-102						3.0	1.8	7.3	4.2	7.0	1.2	Cast iron	Yes, less than 3" Gap	Yes			Yes
11/15/2012	39b08	CHOWEN AVE S	W 102ND ST	One-Way Directional	2011-102						0.2	0.5	0.8	5.5	4.2	5.4	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/16/2012	31Z14	LOGAN AVE S	W 98TH ST	Combined Directional	2012-102	5.2	5.1	0.4	1.4		7.7	1.2	3.2	5.5	3.3	0.7	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/16/2012	31Z15	LOGAN AVE S	W 98TH ST	One-Way Directional	2012-102						3.8	2.0	2.2	2.7	2.2	3.3	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/16/2012	33Z51 (Penn)	PENN AVE S	W 98TH ST	Combined Directional	2012-102						4.7	2.0		1.8	3.7	3.4	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/16/2012	33Z52	PENN AVE S	W 98TH ST	Combined Directional	2012-102						4.2	2.0	3.4	3.4	1.1	7.5	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/16/2012	34A51	PENN AVE S	W 98TH ST	Combined Directional	2012-102	5.1	5.2	2.0	1.6		7.4	1.9	3.6	0.3	3.7	6.4	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/16/2012	34A52	PENN AVE S	W 98TH ST	Combined Directional	2012-102	4	5	2.0	0.5		7.9	1.8		4.3	0.3	7.5	Cast iron	No, more than 3" Gap	No, reconstruct to correct			No
10/15/2012	34A34	BROOKSIDE AVE S	W 98TH ST	Perpendicular	2012-102	5.1	5	2.0	2.0		7.3	2.0	1.7	1.9	2.2	3.3	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/15/2012	34A35	BROOKSIDE AVE S	W 98TH ST	Perpendicular	2012-102						4.6	2.0	2.3	3.4	1.8	4.0	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/15/2012	33Z50	QUEEN AVE S	W 98TH ST	One-Way Directional	2012-102	5.3	5	2.0	1.0		5.2	2.0		0.1	4.4	3.0	Cast iron	No, more than 3" Gap	Yes			Yes
10/15/2012	33Z51	QUEEN AVE S	W 98TH ST	One-Way Directional	2012-102						2.6	1.2		2.6	2.3	3.0	Cast iron	No, more than 3" Gap	Yes			No
10/15/2012	33Z47	RUSSELL AVE S	W 98TH ST	One-Way Directional	2012-102						1.9	2.0	3.3	2.7	2.0	6.7	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/15/2012	34A38	UPTON CIR	W 98TH ST	Perpendicular	2012-102						4.7	0.3	0.2	3.3	0.8	3.3	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/15/2012	34A39	UPTON CIR	W 98TH ST	Perpendicular	2012-102						0.2	1.8	1.3	2.6	0.3	3.5	Cast iron	No, more than 3" Gap	Yes			No
10/15/2012	33Z25	XERXES AVE S	W 98TH ST	Perpendicular	2012-102	4	5.4	1.1	2.0		8.2	0.1	0.8	3.5	0.1	7.8	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/12/2012	39A39	BROOKSIDE AVE S	W 102ND ST	Perpendicular	2012-102						3.1	0.5	2.3	1.7	2.7	0.4	Cast iron	No, more than 3" Gap	Yes			No
10/12/2012	39A40	BROOKSIDE AVE S	W 102ND ST	Perpendicular	2012-102						2.9	1.4	1.6	0.8	1.8	1.3	Cast iron	No, more than 3" Gap	Yes			No
10/12/2012	34Z52	PENN AVE S	W 102ND ST	One-Way Directional	2012-102	4.2	4.2	1.1	2.0		7.7	2.0	2.4	2.1	3.0	1.1	Cast iron	Yes, less than 3" Gap	Yes			Yes
10/12/2012	39A47	QUEEN AVE S	W 102ND ST	One-Way Directional	2012-102						1.9	2.0	4.5	5.7	5.7	8.7	Cast iron	Yes, less than 3" Gap	Yes			Yes

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/12/2012	39A49-1	QUEEN AVE S	W 102ND ST	Perpendicular	2012-102	4.3	4.9	2.0	0.8		7.9	1.5	3.9	4.4	3.3	1.8	Cast iron	No, more	Yes			Yes
10/12/2012	39A35	UPTON PL	W 102ND ST	Perpendicular	2012-102	4	5	0.6	1.0		6.0	1.3		0.9	0.7	1.3	Cast iron	No, more than 3" Gap			Yes	
10/12/2012	39A36-E	UPTON PL	W 102ND ST	Perpendicular	2012-102	5.8	5	2.0	1.7		6.3	2.0	1.0	2.1	1.2	2.2	Cast iron	No, more	Yes		Yes	
10/12/2012	39A30	WASHBURN CIR	W 102ND ST	One-Way Directional	2012-102						5.0	0.9	3.0	6.6	0.0	0.0	Cast iron	Yes, less	Yes		Yes	
10/12/2012	39A31	WASHBURN CIR	W 102ND ST	One-Way Directional	2012-102						1.7	2.0	4.2	4.7	1.5	7.7	Cast iron	Yes, less	Yes		Yes	
10/12/2012	39A27	XERXES AVE S	W 102ND ST	Diagonal	2012-102						5.0	1.8	1.7	0.6	1.8	6.6	Cast iron	No, more	No, reconstruct to correct		No	
10/12/2012	34A25	XERXES AVE S	W 98TH ST	Perpendicular	2012-102						4.9	0.2	2.0	5.2	2.3	4.0	Cast iron	Yes, less	Yes		Yes	
10/12/2012	34A26	XERXES AVE S	W 98TH ST	Perpendicular	2012-102						2.2	1.4	1.2	0.8	3.4	1.2	Cast iron	Yes, less	Yes		Yes	
10/12/2012	34A27	XERXES AVE S	W 98TH ST	Perpendicular	2012-102						2.8	2.0	3.6	1.4	1.2	2.4	Cast iron	Yes, less	Yes		Yes	
10/11/2012	34Z39	BROOKSIDE AVE S	W 102ND ST	One-Way Directional	2012-102						5.0	1.4	2.3	4.6	3.5	3.6	Cast iron	Yes, less	Yes		Yes	
10/11/2012	34Z40	BROOKSIDE AVE S	W 102ND ST	One-Way Directional	2012-102						1.0	1.6	0.4	3.5	2.1	5.1	Cast iron	Yes, less	Yes		Yes	
10/11/2012	34Y52	PENN AVE S	W 102ND ST	Perpendicular	2012-102						1.9	1.7	0.5	1.5	0.5	3.8	Cast iron	No, more	No, reconstruct to correct		No	
10/11/2012	39A36	UPTON RD	W 102ND ST	Perpendicular	2012-102						2.3	2.0	4.1	4.5	3.0	2.8	Cast iron	Yes, less	Yes		Yes	
10/11/2012	39A37	UPTON RD	W 102ND ST	Perpendicular	2012-102						5.0	0.5	2.3	3.5	2.3	0.6	Cast iron	Yes, less	Yes		Yes	
10/11/2012	34Z26	XERXES AVE S	W 102ND ST	Diagonal	2012-102						6.9	1.2	0.9	1.9	1.2	5.9	Cast iron	No, more	No, reconstruct to correct		<Null>	
10/11/2012	34Z27	XERXES AVE S	W 102ND ST	Diagonal	2012-102						4.9	2.0	0.9	1.5	1.3	3.2	Cast iron	No, more	No, reconstruct to correct		No	
10/11/2012	39A26	XERXES AVE S	W 102ND ST	Diagonal	2012-102						9.0	2.0		0.3	0.7	0.3	Cast iron				No	
10/10/2012	54D48	GOODRICH RD	OVERLOOK DR	Perpendicular	2012-102	0	0				14.1	5.2		2.8	4.5	5.0	Cast iron				No	
10/10/2012	54D49	GOODRICH RD	OVERLOOK DR	One-Way Directional	2012-102						10.7	4.0		1.1	1.4	4.5	Cast iron				No	
10/10/2012	54C41	JOHNSON AVE S	OVERLOOK DR	One-Way Directional	2012-102						1.4	0.6	1.7	5.1	3.9	6.3	Cast iron	Yes, less	Yes		Yes	
10/10/2012	54C42	JOHNSON AVE S	OVERLOOK DR	Perpendicular	2012-102						9.3	1.8		4.3	5.3	1.0	Cast iron				No	
10/10/2012	53O03	NORMANDEALE BLVD	OVERLOOK DR	Combined Directional	2012-102	4.8	5	0.3	0.4		6.4	1.6	1.1	2.4	0.6	1.4	Cast iron	Yes, less	Yes		Yes	
10/10/2012	53O04	NORMANDEALE BLVD	OVERLOOK DR	Combined Directional	2012-102	5	5	0.6	2.0		7.4	1.2	2.0	3.3	1.2	2.6	Cast iron	Yes, less	Yes		Yes	
10/10/2012	53P03	NORMANDEALE BLVD	OVERLOOK DR	Combined Directional	2012-102						3.7	1.3	0.1	0.7	0.1	3.3	Cast iron	Yes, less	Yes		Yes	
10/10/2012	53P04	NORMANDEALE BLVD	OVERLOOK DR	Combined Directional	2012-102	5	5	1.4	0.5		6.0	2.0	0.4	2.1	1.2	1.5	Cast iron	Yes, less	Yes		Yes	
10/10/2012	53A02	NORMANDEALE BLVD	W 110TH ST	One-Way Directional	2012-102						3.7	1.3	0.8	0.2	2.1	2.3	Cast iron	Yes, less	Yes		Yes	
10/10/2012	53Z17	OVERLOOK LAKE CIR	OVERLOOK DR	Perpendicular	2012-102						3.5	1.5	1.2	0.5	1.3	3.7	Cast iron	Yes, less	Yes		Yes	
10/10/2012	54F34	TERRACEWOOD DR	OVERLOOK DR	One-Way Directional	2012-102						5.0	1.7	4.4	4.0	1.8	6.5	Cast iron	Yes, less	Yes		Yes	
10/10/2012	54F35	TERRACEWOOD DR	OVERLOOK DR	Perpendicular	2012-102	5	5	1.6	0.3		0.4	8.1		1.6	1.3	1.6	Cast iron				No	
10/10/2012	53Y16	W 114TH ST	OVERLOOK DR	Perpendicular	2012-102						3.6	1.9	2.1	4.8	1.6	6.7	Cast iron	Yes, less	Yes		Yes	
10/8/2012	76V18	NORMANDEALE BLVD	MASONIC HOME DR	One-Way Directional	2012-102						0.7	2.0	3.7	1.6	0.0	0.0	Cast iron	Yes, less	Yes		Yes	
10/8/2012	76W18	NORMANDEALE BLVD	MASONIC HOME DR	One-Way Directional	2012-102						3.4	2.0		1.6	0.0	0.0	Cast iron	Yes, less	Yes		Yes	
10/8/2012	76R33	NORMANDEALE BLVD	XAVIER RD	One-Way Directional	2012-102						4.8	0.6	0.9	2.8	0.0	0.0	Cast iron	No, more	Yes		No	
10/8/2012	76T33	NORMANDEALE BLVD	XAVIER RD	Combined Directional	2012-102	5.1	6	1.3	2.0		8.2	0.4	4.5	3.2	2.9	1.9	Cast iron	Yes, less	Yes		Yes	
10/8/2012	76T34	NORMANDEALE BLVD	XAVIER RD	Combined Directional	2012-102	5.7	5.1	2.0	0.4		3.4	1.5	0.2	4.4	0.0	0.0	Cast iron	Yes, less	Yes		Yes	
10/5/2012	78P34	BLUFF DR	AUTO CLUB RD	One-Way Directional	2012-102						1.9	0.6		3.5	4.6	4.3	Cast iron	Yes, less	Yes		Yes	
10/5/2012	78P35	BLUFF DR	AUTO CLUB RD	One-Way Directional	2012-102						2.9	4.5		1.4	9.4	0.3	Cast iron				No	
10/5/2012	78R38	BLUFF DR	AUTO CLUB RD	One-Way Directional	2012-102						2.9	4.5		5.9	4.3	4.0	Cast iron				No	
10/5/2012	78S38	BLUFF DR	AUTO CLUB RD	One-Way Directional	2012-102						4.7	1.5		3.0	0.0	0.1	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76T12	NORMANDEALE BLVD	AUTO CLUB RD	One-Way Directional	2012-102						4.3	1.6	5.7	3.7	5.8	0.4	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76T13	NORMANDEALE BLVD	AUTO CLUB RD	One-Way Directional	2012-102						2.9	2.0	4.7	2.5	5.8	4.0	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76R22	NORMANDEALE BLVD	RIVER BLUFF DR	Perpendicular	2012-102						4.8	1.1	1.4	2.7	1.3	1.5	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76S22	NORMANDEALE BLVD	RIVER BLUFF DR	Perpendicular	2012-102	5	8.3	0.4	0.2		5.4	1.0	2.3	5.9	0.8	1.8	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76T32	NORMANDEALE BLVD	XAVIER RD	Perpendicular	2012-102						4.9	1.6	1.5	4.7	2.3	2.6	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76D17	ZION RD	AUTO CLUB RD	Perpendicular	2012-102						2.9	1.7	4.0	3.0	2.9	4.3	Cast iron	Yes, less	Yes		Yes	
10/5/2012	76F16	ZION RD	AUTO CLUB RD	Perpendicular	2012-102						1.7	0.9	1.1	3.9	0.7	2.5	Cast iron	Yes, less	Yes		Yes	
10/4/2012	76R31 Norm	NORMANDEALE BLVD	XAVIER RD	Perpendicular	2012-102						1.3	1.1	3.9	4.4	2.1	3.5	Cast iron	Yes, less	Yes		Yes	
10/4/2012	76S31	NORMANDEALE BLVD	XAVIER RD	Perpendicular	2012-102	4.5	8.8	0.3	2.0		6.2	1.7	0.2	6.0	0.6	4.2	Cast iron	No, more	Yes		No	
10/4/2012	76S33	VESSEY AVE	VESSEY CIR	One-Way Directional	2012-102						3.8	2.0	0.5	4.8	2.6	5.0	Cast iron	Yes, less	Yes		Yes	
10/4/2012	76S34	VESSEY AVE	VESSEY CIR	One-Way Directional	2012-102						3.5	1.7	0.8	2.4	0.3	5.3	Cast iron	Yes, less	Yes		Yes	

Date	Ped Ramp ID	StreetName (N-S)	StreetName (E-W)	Curb Ramp Type	Project Number	Initial Landing Length (FT)	Initial Landing Width (FT)	Initial Ramp Landing Slope X (%)	Initial Ramp Landing Slope S (%)	Grade Breaks perpendicular to path of travel	Initial Ramp Slope S (%)	Initial Ramp Slope X (%)	Gutter1 Slope X (%)	Gutter1 Slope S (%)	Pavement1 Slope X (%)	Pavement1 Slope S (%)	Tactile Warning 1	Cover Entire Opening	Domes Directional to Path of Travel	Jointing on curb less than 1/2"	Jointing on sidewalk less than 1/2"	Fully Compliant
10/4/2012	76S35	VESSEY AVE	VESSEY CT	One-Way Directional	2012-102						2.5	1.8	2.0	10.0	2.2	5.1	Cast iron	Yes, less	Yes			Yes
10/4/2012	76S36	VESSEY AVE	VESSEY CT	One-Way Directional	2012-102						1.2	1.5	3.1	2.5	0.2	5.8	Cast iron	Yes, less	Yes			Yes
10/4/2012	76R31	VESSEY AVE	XAVIER RD	One-Way Directional	2012-102						1.0	1.3	3.6	7.6	1.3	5.3	Cast iron	Yes, less	Yes			Yes
10/4/2012	76R32	VESSEY AVE	XAVIER RD	Tiered Perpendicular	2012-102	5	5.1	0.1	2.0		8.2	1.3	1.4	2.7	1.6	4.9	Cast iron	Yes, less	Yes			Yes
10/4/2012	76N33	XAVIER RD	XAVIER CIR	One-Way Directional	2012-102						2.6	0.8	0.6	5.8	3.6	3.1	Cast iron	Yes, less	Yes			Yes
10/4/2012	76N34	XAVIER RD	XAVIER CIR	One-Way Directional	2012-102						1.0	1.6	1.5	6.7	0.6	4.5	Cast iron	Yes, less	Yes			Yes
10/4/2012	76N35	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						2.1	2.0	1.4	6.3	0.3	3.7	Cast iron	Yes, less	Yes			Yes
10/4/2012	76N36	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						3.4	0.7	0.0	4.2	1.8	4.2	Cast iron	Yes, less	Yes			Yes
10/3/2012	85K11	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	4	5.2	1.2	2.1		8.2	0.3		2.0	1.1	0.9	Cast iron					No
10/3/2012	85K11-02	34TH AVE S	AMERICAN BLVD E	Perpendicular	2009-203	5	5	0.9	0.4		14.8	2.4	7.5	0.6	3.3	2.0	Concrete					No
10/3/2012	76S45	VESSEY AVE	VESSEY CIR	Depressed Corner	2012-102						2.7	1.9	1.0	4.6	0.5	4.5	Cast iron	No, more	Yes			No
10/3/2012	76S46	VESSEY AVE	VESSEY CIR	One-Way Directional	2012-102						1.3	3.6		5.7	1.1	8.1	Cast iron					No
10/3/2012	76N39	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						2.7	1.7	1.9	5.3	0.9	5.2	Cast iron	Yes, less	Yes			Yes
10/3/2012	76N40	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						3.8	0.4	1.4	4.5	1.9	2.9	Cast iron	Yes, less	Yes			Yes
10/3/2012	76N41	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						2.4	1.9	1.9	2.9	0.5	6.2	Cast iron	Yes, less	Yes			Yes
10/3/2012	76N42	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						2.1	1.5	1.9	7.7	0.4	8.8	Cast iron	Yes, less	Yes			Yes
10/3/2012	76Q45	XAVIER RD	XAVIER CT	One-Way Directional	2012-102						4.2	0.9	1.2	1.6	3.4	6.8	Cast iron	Yes, less	Yes			Yes
10/3/2012	76R45	XAVIER RD	XAVIER CT	Depressed Corner	2012-102						4.6	0.4	1.0	3.8	0.1	4.8	Cast iron	Yes, less	Yes			Yes
10/2/2012	7.40E+13	LOUISIANA AVE S	DAISY CIR	One-Way Directional	2012-102						2.3	1.9	2.5	0.9	3.9	1.3	Cast iron	Yes, less	Yes			Yes
10/2/2012	74F12	LOUISIANA AVE S	DAISY CIR	One-Way Directional	2012-102						1.5	1.8	3.8	5.5	1.9	4.7	Cast iron	Yes, less	Yes			Yes
10/2/2012	74H12	LOUISIANA AVE S	GARDEN CIR	One-Way Directional	2012-102						5.0	1.5	1.3	2.4	1.6	1.1	Cast iron	Yes, less	Yes			Yes
10/2/2012	74I12	LOUISIANA AVE S	GARDEN CIR	One-Way Directional	2012-102						1.3	1.9	3.4	2.7	0.4	4.0	Cast iron	Yes, less	Yes			Yes
10/2/2012	74L12	LOUISIANA AVE S	LOUISIANA CIR	One-Way Directional	2012-102						1.7	1.8	2.7	5.9	0.5	5.4	Cast iron	Yes, less	Yes			Yes
10/2/2012	53O01	NORMANDALE BLVD	OVERLOOK DR	Combined Directional	2012-102	5.3	8.8	0.7	1.6		6.1	1.1	0.2	1.3	1.4	1.7	Cast iron	Yes, less	Yes			Yes
10/2/2012	53O02	NORMANDALE BLVD	OVERLOOK DR	Combined Directional	2012-102	8.7	5.2	1.6	0.3		5.3	1.3	0.1	1.3	0.2	4.3	Cast iron	Yes, less	Yes			Yes
10/2/2012	53P01	NORMANDALE BLVD	OVERLOOK DR	Combined Directional	2012-102	5.1	8	1.6	0.7		4.8	1.4	1.5	2.1	0.5	2.2	Cast iron	Yes, less	Yes			Yes
10/2/2012	53P02	NORMANDALE BLVD	OVERLOOK DR	Combined Directional	2012-102	8.1	5.1	0.7	1.4		6.2	0.5	1.1	0.8	1.6	3.8	Cast iron	Yes, less	Yes			Yes
10/2/2012	76T41	VESSEY AVE	OVERLOOK DR	One-Way Directional	2012-102						2.8	1.6	0.9	2.2	3.3	3.7	Cast iron	Yes, less	Yes			Yes
10/2/2012	76U41	VESSEY AVE	OVERLOOK DR	One-Way Directional	2012-102						4.0	0.4	2.7	2.2	4.0	1.2	Cast iron	Yes, less	Yes			Yes
10/2/2012	76S43	VESSEY AVE	VESSEY CT	One-Way Directional	2012-102						4.8	2.0	0.3	2.9	2.2	5.1	Cast iron	Yes, less	Yes			Yes
10/2/2012	76T43	VESSEY AVE	VESSEY CT	One-Way Directional	2012-102						1.2	1.8	2.8	5.2	0.6	5.5	Cast iron	Yes, less	Yes			Yes
10/1/2012	74B12	LOUISIANA AVE S	LOUISIANA CIR	One-Way Directional	2012-102						3.2	2.0	2.1	4.4	2.4	2.6	Cast iron	Yes, less	Yes			Yes
9/25/2012	58O42	CHALET RD		Perpendicular	2012-102						3.9	0.9	0.7	3.0	0.9	3.1	Cast iron	Yes, less	Yes			Yes
9/2/2012	34A17	BEARD AVE S	W 98TH ST	Combined Directional	2013-102	5	5	2.1	5.1		6.1	0.3	0.3	4.9	0.3	6.1	Cast iron	No, more	Yes			No
8/2/2012	33Z16-01A	BEARD AVE S	W 98TH ST	One-Way Directional	2013-102	4	4.5	1.9	0.6		5.0	2.0	2.5	1.5	3.1	1.4	Cast iron	Yes, less	than 3" Gap			Yes
8/2/2012	33Z16-01B	BEARD AVE S	W 98TH ST	One-Way Directional	2013-102	4.5	0	0.5	4.5		3.8	1.4	2.9	5.8	2.3	2.2	Cast iron	Yes, less	No, write exception			Yes
8/2/2012	33Z16-02	BEARD AVE S	W 98TH ST	Diagonal	2013-102	4.5	5	1.5	1.2		3.3	2.0	0.8	6.2	1.1	1.9	Cast iron	Yes, less	than 3" Gap			Yes
8/2/2012	33Z17	BEARD AVE S	W 98TH ST	Diagonal	2013-102	5	4.5	0.5	1.0		3.1	0.9	0.2	3.6	2.4	6.5	Cast iron	Yes, less	No, write exception			Yes
8/2/2012	34A16	BEARD AVE S	W 98TH ST	One-Way Directional	2013-102	0	5	0.7	1.1		1.2	1.3	2.1	3.5	0.3	1.2	Cast iron	Yes, less	Yes			Yes
8/2/2012	33Z5	CHOWEN AVE S	W 98TH ST	Perpendicular	2013-102	5	5	1.3	1.3		6.3	0.4	0.4	3.2	0.1	0.5	Cast iron	Yes, less	Yes			Yes
8/2/2012	34Z6	CHOWEN AVE S	W 98TH ST	One-Way Directional	2013-102	5	5	1.8	1.4		4.9	0.4	0.7	5.6	0.3	1.2	Cast iron	Yes, less	than 3" Gap			Yes
7/18/2012	31A4		W 94th St	One-Way Directional							1.6	1.4		1.7	1.8	2.9	None					No
7/18/2012	31A5		W 94th St	One-Way Directional							2.9	0.2		0.4	0.9	0.4	None					No
7/18/2012	31A9-01		W 94TH ST	One-Way Directional							5.0	1.4		2.0	1.1	0.3	Cast iron	No, more	than 3" Gap			Yes
7/18/2012	31A9-02		W 94TH ST	One-Way Directional							1.4	0.1		0.4	0.2	0.6	Cast iron	No, more	Yes			No
	27D27	12TH AVE S															Cast iron					<Null>
	28J28	13TH AVE S	E 100TH ST		2006-102												Cast iron					<Null>
	01A25	24TH AVE S	494 EB RAMP														Exposed aggregate					<Null>
	01A26	24TH AVE S	494 EB RAMP														Exposed aggregate					<Null>
	01A27-01	24TH AVE S	494 EB RAMP														Cast iron					<Null>

Appendix B – Schedule / Budget Information

Schedule

With the PMP & CIP projects the City's public rights-of-way would be fully compliant with PROWAG standards by 2031 for pedestrian ramps, assuming no significant modifications to the standard criteria occur. Sidewalk width would be the last component of compliance and is expected to be compliant by 2037.

The PMP Trail Program has repaired approximately 8 miles of trails using Franchise Fee funds between 2016 and 2021. This provides another 30% of trails that meet the accessibility criteria for a total rate of 72%. The PMP Trail Program is expected to replace another 3.5 miles of trails using Franchise Fee funds in the next five years. This would provide another 12% of trails that would meet the accessibility criteria for a total rate of 84% by 2025. It is anticipated that the remaining 16% of trails would be updated to meet accessibility criteria by 2032.

The Maintenance program to grind or replace the sidewalk trip hazards will continue and is expected to be completed in 2023. At that time it is anticipated that the program will complete all the known hazards identified in the 2014 survey. However, given frost, root growth and other factors these hazards will reappear. The sidewalk is typically re-surveyed at one-third of the City every year, therefore each segment is surveyed once every three years to align with the survey of the existing street segments and new repairs will be scheduled accordingly based on those surveys.

Budget Information

Unit Prices

Construction costs for upgrading facilities can vary depending on each individual improvement and conditions of each site. Costs can also vary on the type and size of project the improvements are associated with. Listed below are representative 2021 costs for some typical accessibility improvements based on if the improvements are included as part of a retrofit type project, or as part of a larger comprehensive capital improvement project.

Intersection corner ADA improvement retrofit: +/- \$4,500 per corner

Intersection corner ADA improvement as part of adjacent capital project: +/- \$2,000 per corner

Traffic control signal APS upgrade retrofit: +/- \$45,000

Traffic control signal APS upgrade as part of full traffic control signal installation: +/- \$30,000

Sidewalk / Trail ADA improvement retrofit: +/- \$12.00 per SF

Sidewalk / Trail ADA improvement as part of adjacent capital project: +/- \$9.50 per SF

Bus Stop ADA improvement retrofit: +/- \$600 per stop

Bus Stop ADA improvement as part of adjacent capital project: +/- \$450 per stop

Appendix C – Agency ADA Design Standards and Procedures

Design Procedures

Intersection Corners

Curb ramps or blended transitions will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for an intersection corner to achieve full accessibility within the scope of any project. Those limitations will be noted and those intersection corners will remain on the transition plan. As future projects or opportunities arise, those intersection corners shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, each intersection corner shall be made as compliant as possible in accordance with the judgment of City and, if applicable, County staff.

Sidewalks / Trails

Sidewalks and trails will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for segments of sidewalks or trails to achieve full accessibility within the scope of any project. Those limitations will be noted and those segments will remain on the transition plan. As future projects or opportunities arise, those segments shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, every sidewalk or trail shall be made as compliant as possible in accordance with the judgment of City staff.

Traffic Control Signals

Traffic control signals will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for individual traffic control signal locations to achieve full accessibility within the scope of any project. Those limitations will be noted and those locations will remain on the transition plan. As future projects or opportunities arise, those locations shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, each traffic signal control location shall be made as compliant as possible in accordance with the judgment of City and, if applicable, County staff.

Bus Stops

Bus stops will attempt to be constructed or upgraded to achieve compliance within all capital improvement projects. There may be limitations which make it technically infeasible for individual bus stop locations to achieve full accessibility within the scope of any project. Those limitations will be noted and those locations will remain on the transition plan. As future projects or opportunities arise, those locations shall continue to be incorporated into future work. Regardless if full compliance can be achieved or not, each bus stop location shall be made as compliant as possible in accordance with the judgment of City and Metro Transit staff.

Other Transit Facilities

Additional transit facilities are present within the limits of Metro Transit. Those facilities fall under the jurisdiction of Metro Transit. Bloomington will work with Metro Transit to ensure that those facilities meet all appropriate accessibility standards.

Other policies, practices and programs

Policies, practices and programs not identified in this document will follow the applicable ADA standards.

Design Guidelines

Bloomington has PROWAG, as adopted by the Minnesota Department of Transportation (MnDOT), as its design standard.

Pedestrian Access Routes

Minimum Design Standards

- Width- 4' minimum exclusive of curb width (Note: this is the ADA requirement for clear accessible route and should not be confused with the minimum 6' or 8' sidewalk width required by the Bloomington City Code)
 - Additional maneuvering space should be provided at turns or changes of direction, transit stops, recesses and alcoves, building entrances, and along curved or angled routes, particularly where the grade exceeds 5% (Advisory R302.3).
- Passing Spaces- If the walkway is less than 5 feet wide, passing spaces 5 feet x 5 feet minimum must be provided at intervals of 200', except in existing cases where the walk is four feet wide and existing rights-of-way/easements do not allow for the minimum. (If this is less than minimum it will need to be documented for City records)
- Cross Slope- 2% maximum
- If the walkway is contained within the street, its grade shall not exceed the general grade established for the adjacent street or highway. (Most applicable for situations requiring a Temporary Pedestrian Access Route during construction.) The walkway must be on the roadway and marked or signed as a separate space for non-motorized travel.
- If the walkway is not contained within a street its grade shall not exceed 5%.
 - The grade of the walkway is measured parallel to the direction of pedestrian travel (Advisory R302.5).
- Surfaces – Firm, stable, slip resistant and chosen for easy 'rollability' (Advisory R302.7.1)
- Vertical Lips- ¼ inch -1/2 inch beveled 1:2 up to ½ inch maximum or treat as ramp
- A 4" maximum projection for post or wall mounted object. If an object extends further it needs to be protected by a 6" curb to direct people around it or place extenders down to 27" so a person can detect the object with a cane.

- Horizontal Gaps- 1/2" sphere cannot pass through opening
 - Elongated openings in gratings shall be placed perpendicular to path of travel
- Horizontal Gaps at Freight Tracks- 3 inch maximum
- Horizontal Gaps at Non-Freight Tracks- 2.5 inch maximum
- Pedestrian Refuge Islands: Clear width, 5' minimum, 6' preferred. If smaller than 6' do not install truncated domes since it is not sized to provide refuge for two wheelchairs.
- Transit stops: Need a minimum of 8' (4' for the off loader on the bus and then a 4' landing area)

R205 Alternate Pedestrian Access Routes. When a pedestrian circulation path is temporarily closed by construction, alterations, maintenance operations, or other conditions, an alternate pedestrian access route complying with sections 6D.01, 6D.02, and 6G.05 of the MUTCD (incorporated by reference, see R104.2) shall be provided. Where provided, pedestrian barricades and channelizing devices shall comply with sections 6F.63, 6F.68, and 6F.71 of the MUTCD (incorporated by reference, see R104.2). The Pedestrian Accessibility Considerations in Temporary Traffic Control Zone Check List that is currently in draft format should be completed (See MnMUTCD Part 6)

Curb Ramps / Blended Transitions

Curb Ramps

- Width: 4ft minimum
- Turning Space: 4ft by 4ft minimum space provided at the top of the curb ramp, unless it is a parallel ramp where the turning space is located at the bottom of the curb ramp.
 - Turning space running slope: 2% maximum
- Running slope: 5% minimum, 8.3% maximum, but the ramp length shall not exceed 15ft.
- Clear Space: At the bottom curb face, 4' x 4' minimum within the width of the crosswalk and wholly outside the parallel vehicle travel lane
- Grade Breaks: Must be perpendicular to the direction of the ramp surface, but are not permitted on the surface of ramp runs and turning spaces. (To prevent uneven wheels)
- Cross Slope: 2% maximum
- Counter Slope: 5% maximum
- Side flares are not necessary if next to a non-walkable surface. If pavers or colored stamped concrete are used, a flare will be necessary since people will consider it a walkable surface. The default should be to use a flare if there is any doubt.
- Diagonal curb ramps should only be used in alterations. Perpendicular, parallel and combination ramps are preferred.
- Perpendicular Curb Ramp: Is generally perpendicular to the curb and users will generally be traveling perpendicular to vehicular traffic when they enter the street at the bottom of the ramp.
 - Can be used where the sidewalk is at least 12ft wide (Advisory R304.1)

- Perpendicular Curb Ramp Flared sides: Sloped 10% maximum
- Parallel Curb Ramp: A parallel curb ramp has two ramps leading down towards a center level landing at the bottom between both ramps with a level landing at the top of each ramp. A parallel curb ramp is one that is oriented so that the path of travel on the ramp is parallel to the vehicular path of travel on the adjacent street and the user's path of travel on the sidewalk.
 - Can be used where the sidewalk is at least 4ft wide (Advisory R304.1)
- Diagonal Curb Ramp: Is generally placed with only one curb ramp at a corner to cover both crossing directions. It is the least ideal alternative, but space restrictions may dictate its use.
 - Diagonal Curb Ramp Flared sides: Sloped 10% maximum
 - Needs 4'x4' maneuvering space in the road which has to be sloped 2% in each direction.

Detectable Warning Surfaces

- Where required:
 - Curb ramps and blended transitions at pedestrian street crossings;
 - Pedestrian refuge islands (provided they are a minimum of 6' wide);
 - Pedestrian at-grade rail crossings not located within a street or highway;
 - Boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards; and
 - Boarding and alighting areas at sidewalk or street level transit stops for rail vehicles where the side of the boarding and alighting areas facing the rail vehicles is not protected by screens or guards.
- Where NOT required:
 - At pedestrian refuge islands that are cut-through at street level and are less than 6ft in length in the direction of pedestrian travel.
- Detectable warning surfaces shall contrast visually with adjacent surfaces.
- Size: Detectable warning surfaces shall extend 2ft minimum in the direction of pedestrian travel.
 - They shall also extend the full width of the ramp run (excluding flared sides), blended transition, or turning space

Mn/DOT Approved Product List (as of 12/3/21)

DURALAST Cast Iron: Coated or Uncoated
 ej (Formerly East Jordan Iron Works)
 800-874-4100
<http://www.ejiw.com>

Cast Iron: Coated or Uncoated
 Neenah Foundry Co.
 800-252-5801
<http://www.nfco.com>

IRON PED Cast Iron: Coated or Uncoated
 Mfg. by Neenah Foundry Co.
 763-478-8128
<http://www.ironped.com>

CAST-DWD or CAST CORP Cast Iron: Coated or Uncoated
 Cast Corporation

218-263-9510

<http://www.castcorporation.com>

CAST-DWD: Coated or Uncoated

Pioneer Detectable, LLC

262-370-5355

<http://www.metadome.com>

Advantage Tactile Systems Cast Iron: Coated or Uncoated

Mfg. by Waupaca Foundry

800-679-4022

<http://advantagetactile.com>

Duratek-CI: Uncoated

Detectile Corp

312-213-1507

<http://www.detectile.com>

TufTile Cast Iron Tiles: Coated or Uncoated

TufTile ADA Tactile Products

888-960-8897

<http://www.tuftile.com>

Irondome Cast Iron

ADA Solutions, Inc.

800-372-0519

<http://www.adatile.com>

Note: Federal Aid Projects required US Code of Federal Regulations 23CFR635.410, the "Buy American Steel and Iron Regulation" be followed. The iron detectable warning surfaces on this list may or may not be made in the USA. It is the contractor's responsibility to ascertain the country of origin before installing or purchasing detectable warning surfaces, if the above regulation applies.

Accessible Pedestrian Signals Pedestrian Intervals

- All pedestrian signal phase timing shall comply with section 4E.06 of the MNMUTCD and should be based on a pedestrian clearance time that is calculated using a pedestrian walking speed of 1.1 m/s (3.5 ft/s) or less.

Accessible Pedestrian Signals Pedestrian Pushbuttons

Street Furniture

- Maintain a 36" continuous pedestrian access route around street furniture. In areas where the City of Bloomington performs the snow removal this should be increased to 60".

Dual Height Drinking Fountains

- Spout 1- 36 inch maximum spout height with knee clearance
- Spout 2- 38 inches- 43 inches spout height

Tables

- Minimum 5% (minimum of 1) must be accessible at each location

Benches

- Benches- 50% minimum (minimum of 1) at each location must provide space for a wheelchair positioned at the end providing shoulder to shoulder seating
- Bench design- Seat height 17 inches – 19 inches at front edge



MnDOT ADA Compliance Checklist (Curb Ramp)

SP: City: District:

Intersection: Quadrant:

Ramp Type: Const. Year:

Compile all relevant document (photos, notes, etc) of the completed quadrant and send to ADAComplianceChecklists.dot@state.mn.us

- (1) Minimum 4' wide pedestrian access route (PAR) maintained? Yes No
- (2) Landing meets min. 4'x4' and perpendicular grade break(s)? Yes No
- (3) Are landing(s) located at the top of each ramp and at change(s) in direction and at inverse grades? Yes No

(4) Landing slopes (%): (TH) (TH) (SS) (SS)

(5) Ramp's running slope (%): TH Initial TH Secondary SS Initial SS Secondary

(6) Ramp's cross slope (%): TH Initial TH Secondary SS Initial SS Secondary

(7) Gutter flow line slope (%): TH SS

(8) Gutter inslope (%): TH SS

(9) Roadway cross slope (%): TH SS

TH = Trunk Highway
SS = Side Street

- (10) Do truncated domes cover the entire curb opening and are they properly oriented? Yes No
- (11) Are gutter line and ramps draining properly? Yes No
- (12) Are there any vertical discontinuities greater than 1/4"? Yes No
- (13) Do ramps comply with Spec 2521.3? Yes No
- (14) Are ramps fully compliant? Yes No

If **NO**, check the reason(s) below. Explain why the ramp didn't meet compliance and how the ramp has been improved from the pre-construction condition (see ADA Compliance Checklist Guidance for more info and attach pages if needed).

Topography Structure(s) Utilities Contractor MnDOT

- (15) Was the curb ramp able to be built according to the plan details? Yes No

If **NO**, please explain:

Printed Name: Date (mm/dd/yyyy):

I certify that the information entered on this form is accurate to the best of my knowledge and that I fully understand the checklist standards and am qualified to carry out the inspection.

ADA Compliance Checklist Guidance

CURB RAMPS

All* projects from 2014 and onward with ADA work including carryover projects need to follow this guidance and compliance forms need to be entered electronically



*Projects completed in 2013 and before can be submitted in paper checklist that was published before the electronic version.

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INTRODUCTION

The **ADA Compliance Checklist** forms have been used extensively in the field by the ADA Operations Unit since 2010 for federal compliance in conjunction with PROWAG to ensure curb ramps are built to ADA compliance and MnDOT quality. However, most data collection was done on paper and the submission process had inefficiencies such as mailing paper copies or scanning the entire compilation of forms (sometimes up to 200 pages) to send out as email, and then finally entered manually into a spreadsheet for analysis.

Although this had been done for the past few years, the percentages of submissions sent in by the construction staff are still well below expectation. The records show that less than half of the total number of projects had compliance forms submitted to the ADA Ops. This can have a huge effect on the statewide program as the number of compliant curb ramps is unclear for making crucial programming decisions.

By integrating ADA Compliance Checklist Forms into MnDOT's SharePoint library database, the submission procedure has moved online. With this, **potential errors**, **paper waste**, and **staff hours** spent on filling out the form multiple times by different entities will be reduced.

Key Points

- a) MnDOT employees are able to access the ADA SharePoint Library by default using their state account credentials. Local agency staffs or Consultants will have to request for access to SharePoint following the instructions here:
<http://www.dot.state.mn.us/ada/pdf/ada-sharepoint-site-howto.pdf>
- b) **Submit forms electronically for all compliant AND noncompliant ramps including their redo's**
Turn in copies of all noncompliant ramp forms to the project engineer as well. If any portion of a ramp is non-compliant, be sure to document the pre-construction and post-construction ramp conditions. If the ramp could have been constructed compliant but the Contractor failed in constructing the ramp in accordance with Special Provisions 1803 Special Project ADA Requirements, it is the Contractor's responsibility to rebuild the ramp at the Contractor's expense.
- c) The online compliance form can only be used with an internet connection. If forms are to be used in the field, ensure there will be a signal at the project location before utilizing mobile devices/tablet (e.g. iPad) for form submission.
- d) Compliance checklists should be done weekly (or at least monthly) as project progresses and submitted to SharePoint.
- e) For projects located in areas with limited connectivity (weak signal/no internet), print out the PDF compliance checklist forms and fill it out on site. Enter all the acquired information on SharePoint (as shown in the next section) when internet is available. Download the form here:
<http://www.dot.state.mn.us/ada/pdf/PDFCurbRampForm.pdf>
- f) **DO NOT** use **Safari** browser (the default browser for Apple devices) on iPads (or any other tablet that uses Safari) to fill out the compliance checklist form. The form may work but any attempt at uploading attachment(s) will crash the form. Alternatively, you can download Google Chrome (tested) or any other browser of your preference off App Store.
- g) Refer to <http://www.dot.state.mn.us/ada/construction.html> for sample filled forms. Do not submit incomplete forms as it will be deleted and you will be asked to submit another one.

Frequently Asked Questions (FAQ)

1. I only have partial information for one of the curb ramps. Can I fill it out partially on SharePoint and submit first, then come back sometime later to edit it?

Yes, in a way. There are fields that require information to be filled before you can submit the form – you could put in placeholder number/description then come back later and use the editing feature. Please follow the instructions carefully on the submission page to avoid submitting multiple copies of the same quadrant.

2. I can't submit the form after filling out. What is happening?

Couple of reasons why the form is unable to go through:

- i) The ramp is noncompliant, but there was no explanation as to why the ramp failed. Also, at least one check box related to the reason it failed needs to be checked.*
- ii) Project information at the top of the form is either not filled or incorrectly filled.*
- iii) The certify box is not checked.*
- iv) Invalid text has been entered in certain field (e.g. text in date section).*

Use keyboard shortcut [CTRL + Shift + O] after unsuccessful submission to zoom in on the error and [CTRL + Shift + I] to show error details.

3. Should I submit the checklist even if it is non-compliant?

Yes. We document everything even if it is non-compliant. However, if the curb ramp is non-compliant due to contractor's performance or MnDOT issue (both reason are available as check boxes in the form), you will have to submit another checklist from the resulting re-do. Leave the original as is alongside the resulting re-do checklist(s).

4. The SharePoint link provided on MnDOT ADA webpage doesn't work, what should I do?

~~Download the PDF form provided on the same page and fill it out on your computer. Name the filled PDFs after the intersection name. Compile all filled out forms and associated pictures and email it to ADAComplianceChecklists.dot@state.mn.us. We no longer accept PDF for submission and require all external users to fill out forms on SharePoint. Please request for an account following the instructions here <http://www.dot.state.mn.us/ada/pdf/ada-sharepoint-site-howto.pdf>~~

5. Do you have any filled out sample sheets for reference?

Yes. It is located on the [ADA Construction page](#) or you can find it [here](#) directly.

6. Which ramp type should I pick?

Please refer to our curb ramp standard plan: <http://www.dot.state.mn.us/ada/pdf/5-297-250.pdf>

7. Part of my form just turned white while I was filling it out. What should I do?
This can be caused by several reasons such as switching from landscape to portrait orientation and vice versa or just from scrolling in the form after putting in an attachment. It is not an iPad issue. Usually zooming in and out or reorient the screen solves the problem. If all else fails, you will have to refresh the page.

8. I realized I made a mistake only after I submitted the form. How do I go about changing it?
Follow the instructions on the submission page. Do not use the submit button in the form to avoid submitting a duplicate.

Accessing the Compliant Checklist Form Template on SharePoint

- a) Open up your browser and key in address: <https://mn365.sharepoint.com/sites/DOT-teams3/ADA/SitePages/Home.aspx>

- b) Click on the left tab “Curb Ramp Compliance Forms” (or **APS Compliance Form/ADA Project Compliance Submittal** depending on which form you are submitting). Click “New” to submit a new compliance checklists form.

The screenshot shows the MnDOT ADA Compliance Checklist (Curb Ramp) form. The form includes the following fields and buttons:

- 1**: MnDOT logo
- 2**: SP: [text input]
- 3**: City: [text input]
- 4**: District: [text input]
- 5**: Intersection: [text input]
- 6**: Ramp Type: [dropdown menu, currently showing 'Twin Perpendicular']
- 7**: Const. Year: [text input]
- 8**: Switch View [button]

Each field has a small question mark icon next to it. The form is titled 'MnDOT ADA Compliance Checklist (Curb Ramp)'.

Figure 1 - Curb Ramp Compliance Form

1. Filling out the right SP Number

Depending on the plan sheet, key in the relevant SP number that has the intersection associated with it. If it is a state aid project, enter the SAP number.

2. Determine the intersection names

State the intersection by combining the name of the street and trunk highway where the curb ramp is located. If there are no intersections, place the nearest landmark for easier identification through the use of Google Maps or similar web map services. Refer to [Appendix](#) for visual aid on how the intersections are named. NOTE: Trunk highway name should always be the former of the intersection name, e.g. TH 99 and 50th Ave.

3. City

Fill in the name of the city the ramp is located in.

4. District

Put in the district number here depending on where the project is situated. For Metro, key in "M".

5. Quadrant

Determine the quadrant of the related curb ramp by facing True North. For Island/Pork Chop, Median, or Mid-block put <Quadrant Here>"Island/Median/Midblock" e.g. SE Island. Exception is allowed for mid-block along loop or roundabout that is difficult to be assigned a specific ordinal (NW, NE, SW, and SE) or cardinal direction (N, W, E, and S). In this situation, numbers are applicable should it compliment the intersection description. Refer to [Appendix](#) for visual aid on how the quadrants are determined.

6. Ramp Type

Ramp types are subjective due to the addition of ramp types as ADA design continues to meet the needs of projects. As of present (4/25/2014), the list comprises of:

- | | | | |
|------|----------------------|-------|----------------------|
| i) | Perpendicular | ii) | Twin Perpendicular |
| iii) | Oneway Directional | iv) | Combined Directional |
| v) | Tiered Perpendicular | vi) | Parallel |
| vii) | Fan | viii) | Depressed Corner |
| ix) | Diagonal | x) | Other |

7. Construction Year

Enter the year that the curb ramp was constructed on in “yyyy” format.

8. Switch View/Display Form

Only after selecting the ramp type from the drop-down list, click on the button next to it (if you’re on the main page, it will be displayed as “Display Form”, and “Switch View” if you have already displayed the form with a ramp type selected).

Attach a photo of the completed quadrant by clicking -> 9 Click here to attach a file

[DO NOT use Safari on iPads to upload files] (6 MB max)

(1) Minimum 4' wide pedestrian access route (PAR) maintained? ? 10 Yes No

(2) Landing meets min. 4'x4' and perpendicular grade break(s)? ? 11 Yes No

(3) Are landing(s) located at the top of each ramp and at change(s) in direction and at inverse grades? ? 12 Yes No

(4) Landing slopes (%): ? 13

Figure 1 – Compliance Form (cont. 1)

9. Picture Attachment

Picture of the curb ramp shall not exceed 6 MB (6000KB). If it does, the form would not be able to be submitted. Also, **DO NOT** upload photos when submitting the form using Safari (iOS browser) as stated in the “**Important Points**” segment of this document. There is a known issue with iOS/Safari which iPad users might experience if any file upload is attempted. If field submission is absolutely necessary, consider using alternative web browsers such as Google Chrome for iPad.

10. Pedestrian Access Route (PAR)

A continuous clear width pedestrian access route (PAR) shall be 4 foot minimum, exclusive of the width of the curb, in every direction of travel. The cross slope along all PARs shall not exceed 2.0%.

11. Landing Dimension & Grade Break

Landings shall be minimum 4' x 4' (5' x 5' min preferred) and contraction joints shall be constructed along all grade breaks. All grade breaks within the PAR shall be perpendicular to the path of travel.

12. Landing Locations

Check the landing locations. Landings shall be located anywhere the PAR changes direction; at the top of ramps that have a running slope greater than 5.0%; and if the approaching walk is inverse grade.

13. Landing Slopes

Record the landing slopes in two directions perpendicular to each other. The landing must not have a slope greater than 2.0% in any direction. View may vary depending on the type of ramp selected. The recorded number differs slightly depending on the type of ramp. Refer to [Appendix](#) for visual aid on which section of quadrant to measure.

(5) Ramp's running slope (%) : ?	<input type="text"/>	TH	<input type="text"/>	TH	<input type="text"/>	SS	<input type="text"/>	SS
		Initial	Secondary	Initial	Secondary	Initial	Secondary	Initial
(6) Ramp's cross slope (%) : ?	<input type="text"/>	TH	<input type="text"/>	TH	<input type="text"/>	SS	<input type="text"/>	SS
		Initial	Secondary	Initial	Secondary	Initial	Secondary	Initial
(7) Gutter flow line slope (%) : ?	<input type="text"/>	TH	<input type="text"/>	SS				
(8) Gutter inslope (%) : ?	<input type="text"/>	TH	<input type="text"/>	SS				
(9) Roadway cross slope (%) : ?	<input type="text"/>	TH	<input type="text"/>	SS				

Figure 2 - Compliance Form (cont. 2)

14. Ramp's Running Slope

Record the largest running slope (i.e. slope in the direction of travel) value after checking a couple of locations on the ramp. This must be less than or equal to 8.3% (or 1 inch per foot). Use a 10 foot straight edge (or a straight edge the length of the ramp) with a smart level to check this. Refer to [Appendix](#) for visual aid on which section of quadrant to measure for.

15. Ramp's Cross Slope

Record the largest cross slope (i.e. slope perpendicular to the direction of travel) value after checking a few locations on the ramp. This must be less than or equal to 2.0%. In cases where the grade of the gutter flow line exceeds 2.0%, the ramp cross slope adjacent to the gutter may exceed 2.0% but must not exceed the slope of the flow line and must transition to a 2.0% cross slope as soon as is practical. Be sure to document this condition when it exists. Refer to [Appendix](#) for visual aid on which section of quadrant to measure for.

16. Gutter Flow Line

Check gutter flow line slope at the bottom of each ramp. The gutter flow line slope should not exceed 2.0% when practicable. Should the flow line exceed 2.0% and the form shows up as non-compliant, explain the reason for exceeding 2.0% to show best practices have been carried out. Refer to [Appendix](#) for visual aid on which section of quadrant to measure for.

17. Gutter Inslope

The gutter inslope must meet the applicable standard from Sheet 3 of 5 of the Pedestrian Curb Ramp Details Standard Plans (5-297.250). To expand on that, the inslope (or if applicable, the gutter outflow) of the gutter where the pedestrian's path of travel is not perpendicular to the gutter flow line should not exceed 3.0%; Ramp type includes Fan, Depressed Corner, Combined Directional and One-way Directional. As for ramps that are perpendicular to pedestrian's path of travel, the gutter inslope should not exceed 5.0%. Refer to [Appendix](#) for visual aid on which section of the quadrant to measure for.

18. Roadway Cross Slope

The roadway cross slope value measured perpendicular to curb flow line or edge of roadway should not exceed 5.0% at pedestrian crossing locations. This is especially true for gutter and bituminous patching locations.

(10) Do truncated domes cover the entire curb opening and are they properly oriented? ?	19	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(11) Are gutter line and ramps draining properly? ?	20	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(12) Are there any vertical discontinuities greater than 1/4"? ?	21	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(13) Do ramps comply with Spec 2521.3? ?	22	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Figure 3 - Compliance Form (cont. 3)

19. Truncated Domes

Check truncated dome placement and orientation. If the ramp is directional the domes should be oriented in the direction of travel within the allowable set back limits, and in accordance with the applicable standard from Sheet 2 of 5 of the Pedestrian Curb Ramp Details Standard Plans (5-297.250). A minimum 4' width of truncated domes is required for all ramps openings for a minimum 24" continuous depth in the path of travel. Truncated domes shall extend the full width of the ramp, landing, or blended transition within 3" on each end (between the edge of domes and beginning of curb taper). Radial detectable warnings shall be set back 3"-6" from back of curb/edge of roadway. Whenever rectangular detectable warnings are placed around a radius,

they may be set back up to 9" from back of curb in the middle of the ramp and 3" at the corners. If 9" setback is exceeded, use radial detectable warnings. On rural ramps with no curb, domes shall be set in concrete 1' back from edge of roadway with 3" on the sides, and 1' minimum behind domes for visual contrast.

20. Water Flow and Drainage

After a rain event, check the completed ramps to make sure that neither the ramps nor the gutters are holding water and everything appears to be draining properly. If not draining properly, ramps/gutters shall be reconstructed to provide positive drainage.

21. Vertical Discontinuities

Vertical discontinuities (i.e. trip hazards) greater than ¼" are unacceptable. Any vertical discontinuities between ¼" - ½" may be beveled at a maximum 1:2 slope. All beveling of concrete requires Engineers approval and is not recommended. If any vertical discontinuities are greater than ½", the panel or curb and gutter must be removed and replaced.

22. Spec 2521.3 Joint

When checking the running slope with a 10 foot straight edge (or a straight edge the length of the ramp), make sure the surface is compliant with Spec. 2521.3C, which says "The surface shall not vary more than 3/16" from a 10 foot straight edge." Look for any bellies or ridges in the concrete ramp surface greater than 3/16". Also, the joints in the walk should be finished with a 1/4" radius jointing/edging tool or saw cut, and contraction joints should be approximately 1/8" wide per Spec. 2521.3C. Refer to [Appendix](#): Figure 10 for visual aid on which segment the Spec refers to specifically.

(14) Are ramps **fully compliant**? ← 23

If **NO**, check the reason(s) below. Explain why the ramp didn't meet compliance and how the ramp has been improved from the pre-construction condition (see ADA Compliance Checklist Guidance for more info and attach pages if needed). ?

Topography Structure(s) Utilities Contractor MnDOT

Click here to attach a file

Figure 4 - Compliance Form (cont. 4)

24

23. Ramp Compliance

If any portion of the ramp is not compliant, be sure to document the pre-construction and post-construction ramp conditions and explain why the ramp cannot be fully compliant. If ramp is not compliant due to contractor's performance, ramp will need to be made compliant before project is substantially completed. Include photos with documentation. Also, check one of the given reasons that best describes why the ramp isn't compliant. Please click the check button after all information is entered or right before submission.

24. Comments and General Non-Compliant Reason(s)

If the ramp is shown to be NON-COMPLIANT, make sure to check the reason(s) located under the comment box (Topography, Utilities, Structure, Contractor, and/or MnDOT) and explain why the ramp is not compliant. If none of the reasons are checked, the submission of the form will not go through. The following are details for each failure option.

i) **Topography**

The ramp couldn't be constructed to compliance because of the surrounding topography such as elevated road slopes or steep existing flow line. Secondary landing could not be constructed within 30' of initial landing (required when secondary ramp slope exceeds 5%).

ii) **Structure(s)**

Ramp couldn't be constructed to compliance due to existing structure such as buildings, steps, advertising sign, etc. One example would be PAR needing to tie into a nearby entrance/step and reducing space for compliant curb ramp construction.

iii) **Utilities**

Existing utilities in the area that could not be moved as part of the project prevented the ramp from being constructed compliantly. Example of utilities could be from both surface or underground utilities such as power poles, catch basins, fire hydrants, traffic signal poles, manholes, vaults, and etc.

iv) **Contractor**

The ramp could have been constructed compliantly, but the contractor did not properly construct the ramp in accordance with provision 1803 Special Project ADA Requirements. If any compliance standards are not met due to contractor performance, **REWORK IS REQUIRED** before the project is substantially complete. See Specification 1503 (Conformity with Plans and Specifications) for further justification.

v) **MnDOT**

Gave information/guidance that resulted in a noncompliant facility (Plans, Inspection or Surveys). **REWORK IS REQUIRED.**

(15) Was the curb ramp able to be built according to the plan details? Yes No

Printed Name: Date (mm/dd/yyyy):

I certify that the information entered on this form is accurate to the best of my knowledge and that I fully understand the checklist standards and am qualified to carry out the inspection.

Submit to SharePoint Library Pg 1

Figure 6 – Compliance Form (cont. 5)

25. Construction Plan Correlation

Check if the curb ramp was able to be built according to plan details. Checking “No” should imply that a significant change was made. This would include changes in the S and F values, corrections in noncompliant gutter flow lines not called out in plans, change in ramp type, changes to the PAR width, and modification of the landing dimensions. This information does not affect compliance but will only be used for curb ramp design improvements in the future.

26. Printed Name

Fill in the name of the person who gathered/filled out the information.

27. Printed Date

Fill in the date when the form was filled.

28. Information Accuracy

Check the box to indicate that all information entered is gathered “as is” from the field without any unauthorized modification.

29. Submission

Click the “Submit to SharePoint Library” to upload the form to ADA Form Library on SharePoint.

APPENDIX

The numbers placed in each figure represent the required data on the compliance checklist form for all ramp types.

No. as shown on the Form and in Figures below	DESCRIPTION
1	Pedestrian Access Route
2	Landing Dimensions
4	Landing Slopes
5	Running Slopes
6	Cross Slopes
7	Gutter Flow Line
8	Gutter Inslope (or Outslope)
9	Roadway Crossing (Cross Slope)

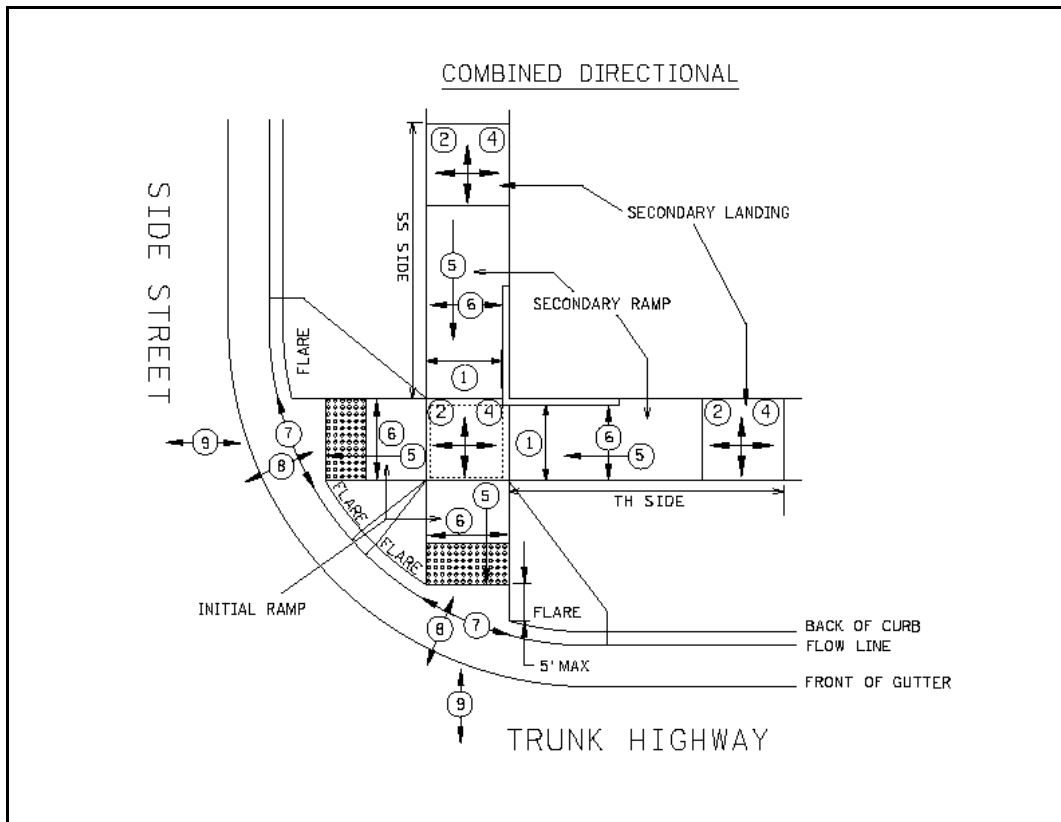


Figure 1 – Combined Directional

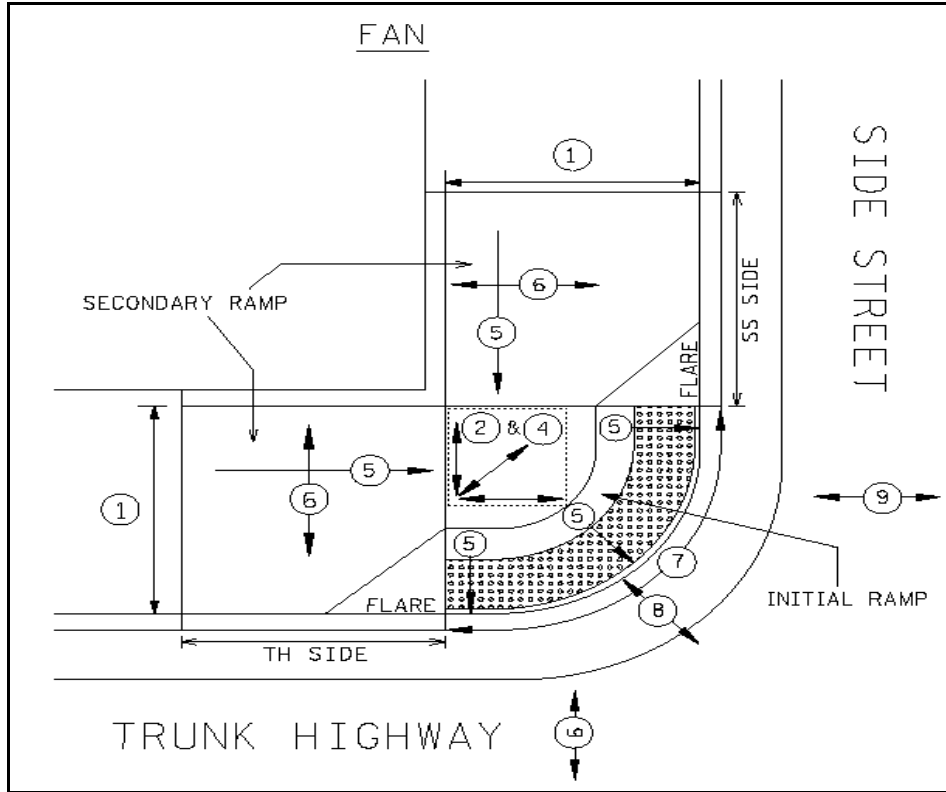


Figure 2 – Fan

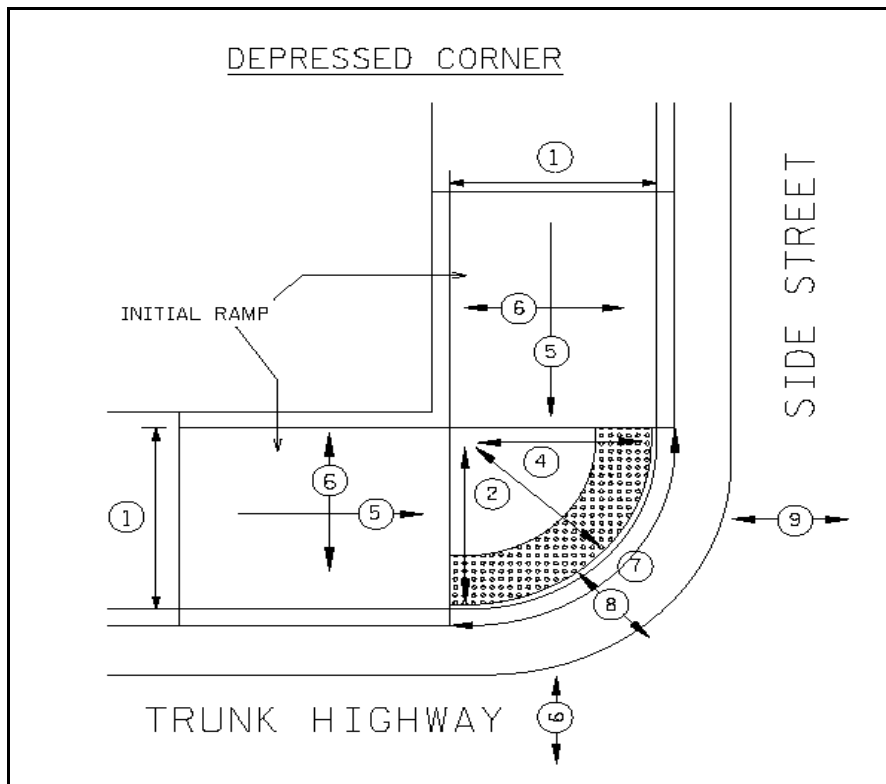


Figure 3 – Depressed Corner

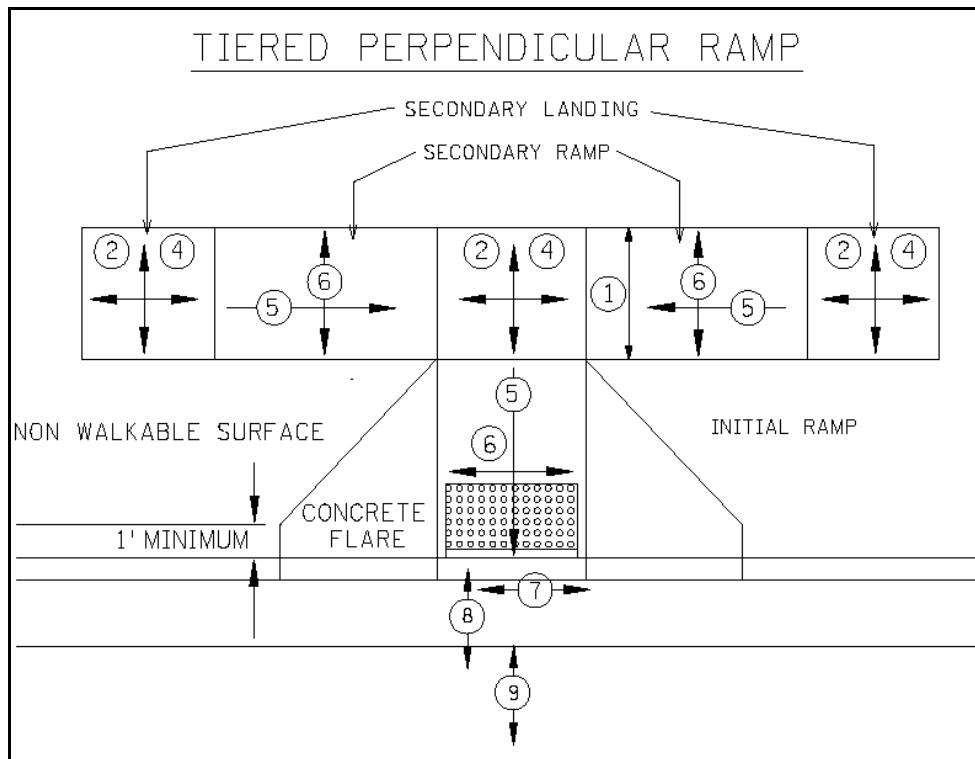


Figure 4 – Tiered Perpendicular

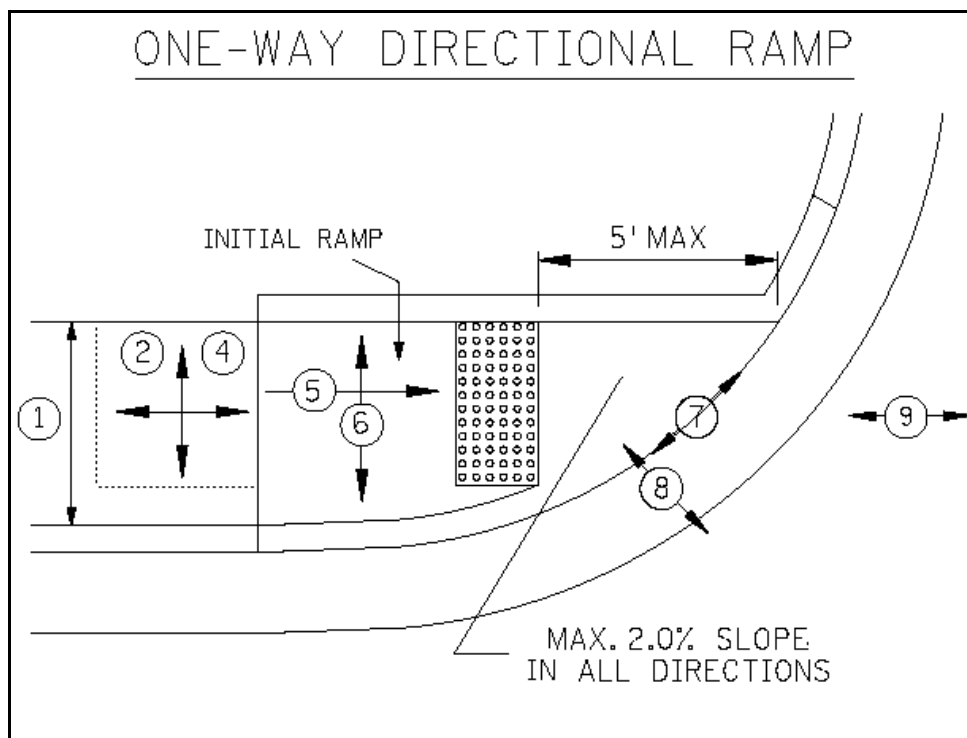


Figure 5 – One-way Directional

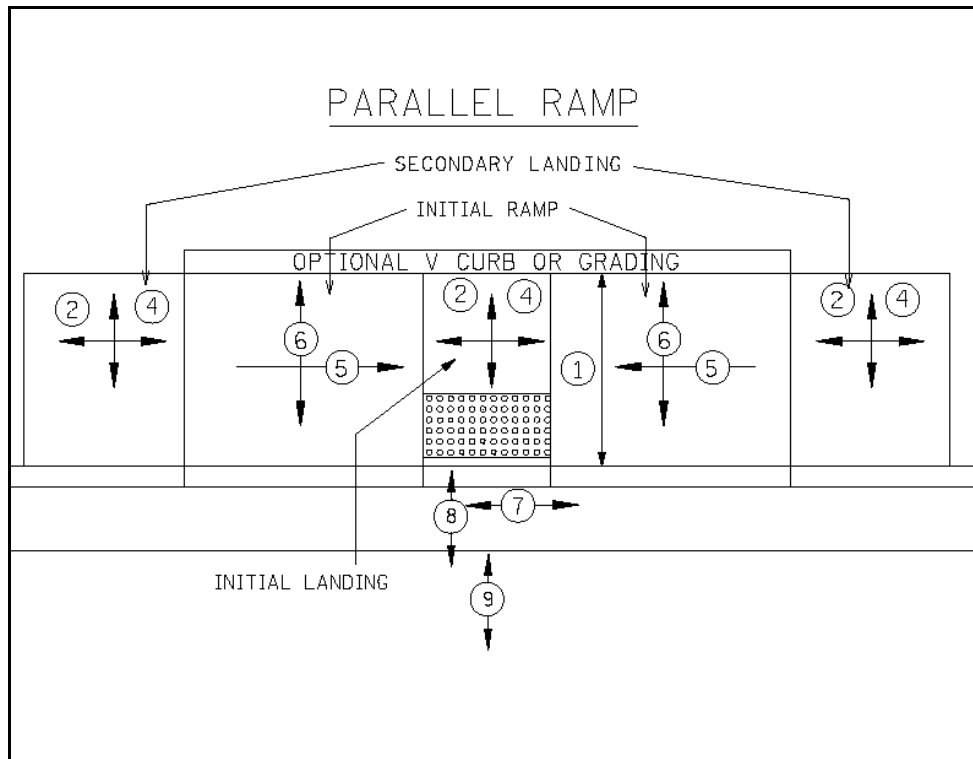


Figure 6 – Parallel

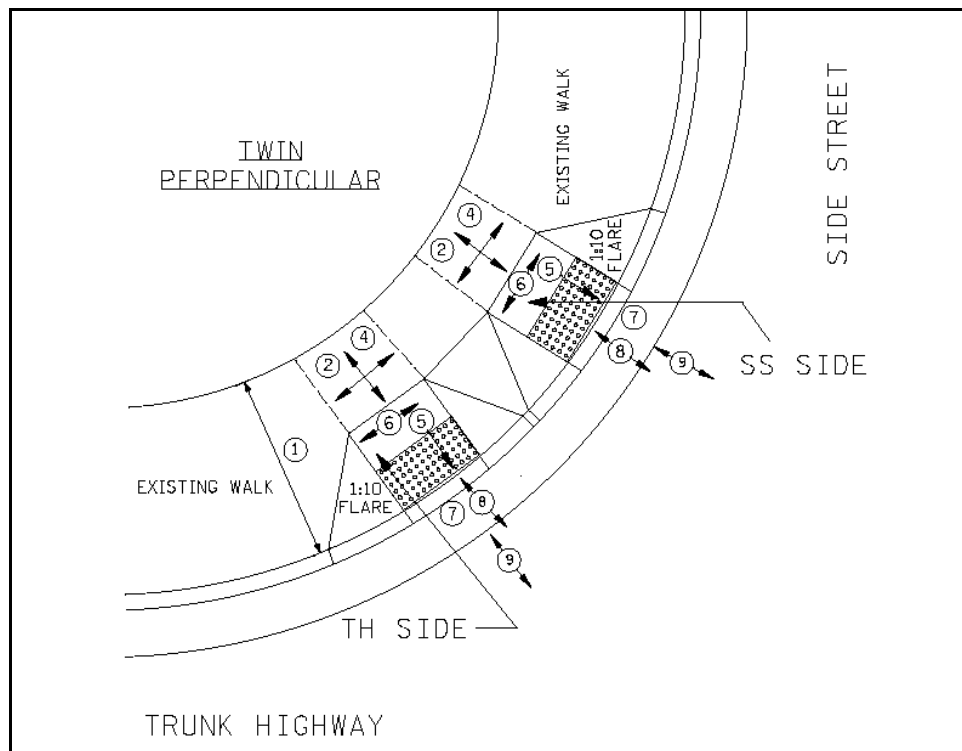


Figure 7 – Twin Perpendicular

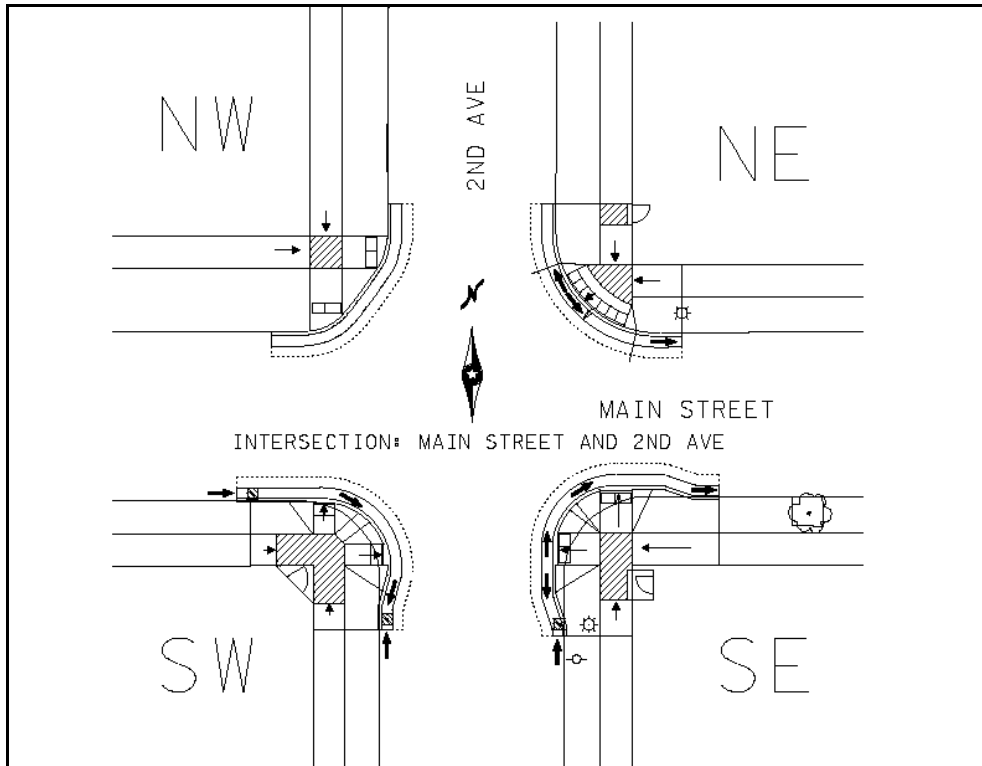


Figure 8 - Intersection and Quadrant identification (1)

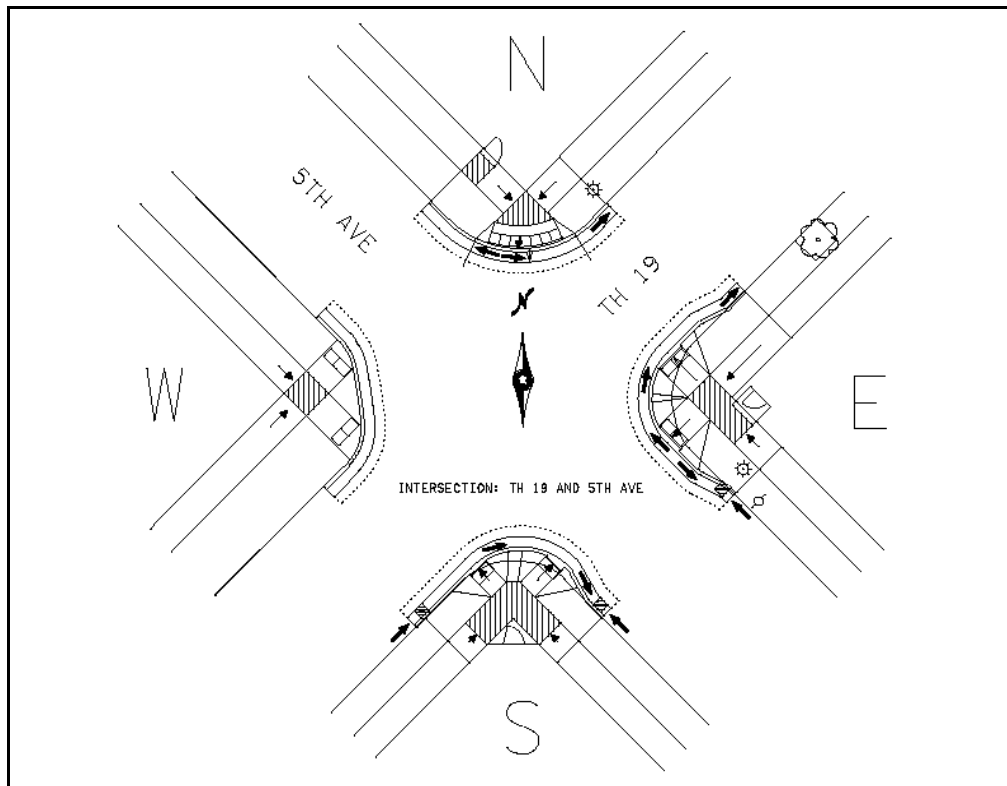


Figure 9 - Intersection and Quadrant identification (2)

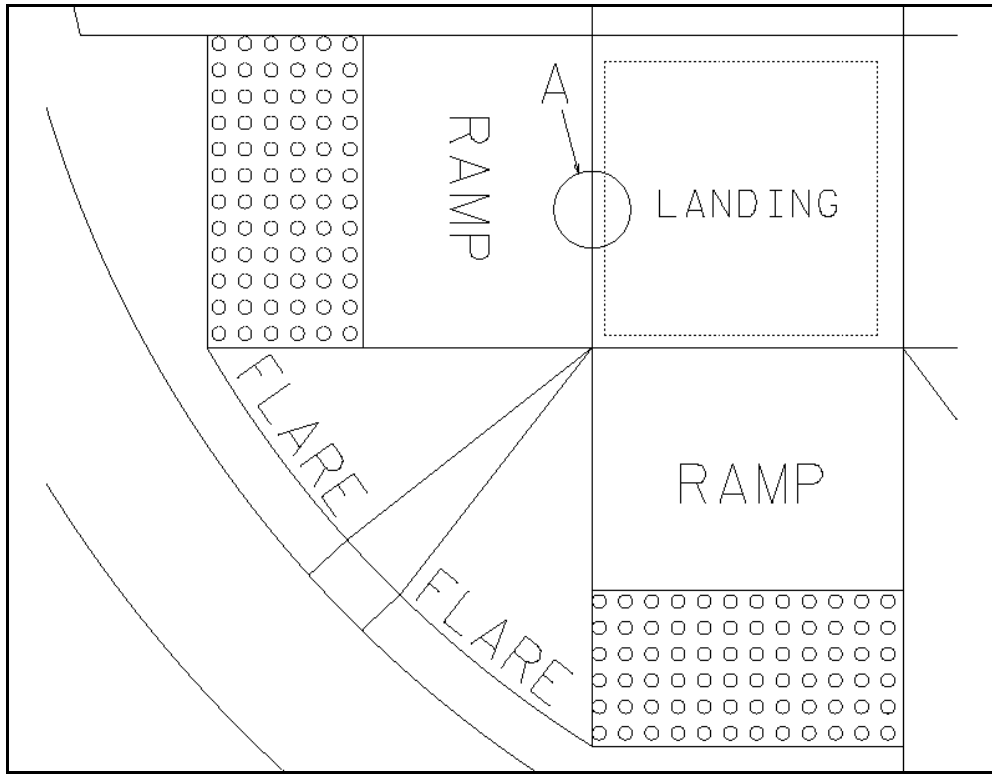


Figure 10a - Spec 2521.3d

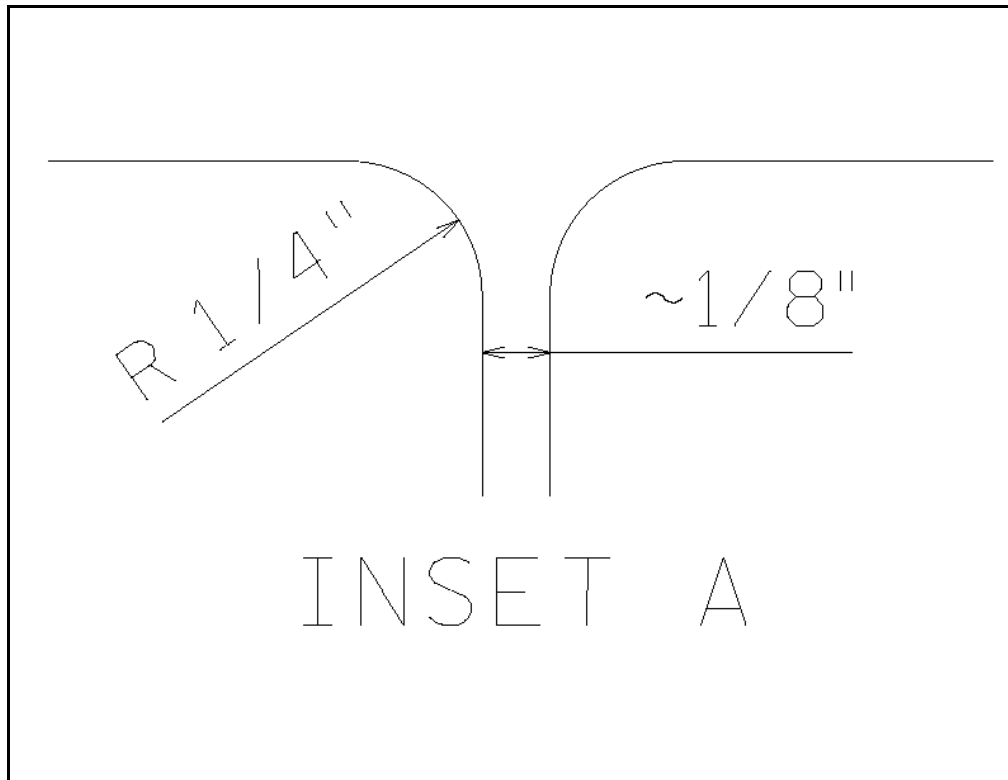


Figure 10b - Spec 2521.3d (allowable joint displacement)

Procedure for the Installation of Accessible Pedestrian Signals to Signalized Intersections

Purpose: To provide guidelines and a procedure for the consideration of installing Accessible Pedestrian Signals (APS) at pedestrian crossings associated with signalized intersections or signalized mid-block crossings. Crossings will be individually evaluated and scored using established criteria to determine need and establish priority. The consideration for installation will be based on the priority and available funding.

Introduction: An Accessible Pedestrian Signal (APS) is a pedestrian pushbutton that communicates to a pedestrian when to cross the street in a non-visual manner, using cues such as audible tones, speech messages, and vibrating surfaces.

The guidelines and procedure outlined in this document will be used to determine which pedestrian crossings should receive high prioritization consideration for APS installation.

The Minnesota Manual on Uniform Traffic Control Devices (MMUTCD) Section 4E.6 provides guidance:

“If a particular signalized location presents difficulties for pedestrians who have visual disabilities to cross reasonably, safely, and effectively, an engineering study should be conducted that considers the safety and effectiveness for pedestrians in general, as well as the information needs of pedestrians with visual disabilities.”

"The installation of accessible pedestrian signals at signalized locations should be based on an engineering study, which should consider the following factors:

- A. Potential demand for accessible pedestrian signals;
- B. A request for accessible pedestrian signals;
- C. Traffic volumes during times when pedestrians might be present, including periods of low traffic volumes or high turn-on-red volumes;
- D. The complexity of traffic signal phasing; and
- E. The complexity of intersection geometry.”

The City of Bloomington intends to follow the MMUTCD for pedestrian signal and accessible pedestrian signal installation as required under state statute 169.022 and 169.06.

The procedure outlined here provides the basis for the engineering study and is based on National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices and 117B: Guidelines for Accessible Pedestrian Signals, Final Report. The data is collected when requests for APS are received, when a project is anticipated to result in a signal being revised, or when a project is anticipated to result in a signal being constructed.

Practice:

An evaluation of pedestrian crossings at signalized intersections will be completed under the following circumstances:

1. Request for Accessible Pedestrian Signal (APS) installation
2. Request for review of pedestrian crossing
3. Installation of a new signal system
4. Revision of an existing signal system
5. At the discretion of the City Engineer or City Traffic Engineer

The pedestrian crossings at signalized intersections will be evaluated using APS Prioritization Forms. The pedestrian crossings will receive a score which the City will use to prioritize the installation of APS.

In all instances, other changes are recommended to be implemented and the pedestrian crossing re-evaluated before installation of APS is recommended. Recommended changes include but are not limited to realigning pedestrian crossings, realigning pedestrian ramps and truncated domes, realigning sidewalks, relocating pedestrian pushbuttons, or changing signal operations if possible. Recommended changes will be highlighted during the APS evaluation process.

If an intersection meets the threshold for APS on one crossing and other pedestrian crossings at the same intersection are within 5% of meeting the threshold, it is recommended that those crossings within 5% also be outfitted with APS.

If more than 50% of the crossings at an intersection meet the threshold for APS, APS is recommended to be installed on all other crossings of the intersection, unless the crossings are of a private drive or a channelized right turn. Providing consistency at an intersection is important for not only a visually impaired pedestrian but all pedestrians. If the majority of pedestrian crossings of an intersection have APS, there is an expectation that all crossings of the intersection have APS. The absence of APS, when expected, may result in a visually impaired pedestrian losing their way as they traverse the intersection.

The scores produced through the evaluation will result in different recommendations based on the type of crossing as detailed below.

1. For pedestrian crossings that cross a private drive receiving a score of 55 or higher, installation of APS would be recommended at the pedestrian crossing if there are more than 120 vehicles per hour across the pedestrian crossing during the peak hour of the day for the driveway. A crossing of a private drive is considered part of the signalized intersection.

2. For pedestrian crossings that cross a channelized right turn lane receiving a score of 55 or higher, installation of APS and signalization of the channelized right turn lane should be further evaluated to assess the viability and driver acceptability of a change (i.e. signalization of the channelized right turn meets the expectation of the driver based on geometry, conflicts, and traffic and pedestrian volumes). This includes the evaluation of traffic operations, sight lines, signing, striping, and the channelized right turn lane geometry. Signal Warrants should also be

analyzed under this additional evaluation.

3. For all other pedestrian crossings, a score of 55 or higher indicates that installation of Accessible Pedestrian Signals would be recommended at the pedestrian crossing.

After the evaluation, the pedestrian crossings that meet the above thresholds will be added to a list of pedestrian crossings throughout the City that meet the thresholds for the installation of APS. The highest rated pedestrian crossings will be installed first as the budget allows. If an intersection is being reconstructed or a signal is being revised or installed, pedestrian crossings at those locations may receive APS before higher rated pedestrian crossings.

Process: The evaluation process will be completed through the following steps.

Step 1: Reason for the Evaluation

- A. Request – Document receipt of a request. The request should include:
- 1) Name of the intersection
 - 2) Crossing locations on which APS is requested
 - 3) Requestor's name and contact information

The City should accommodate reasonable requests to schedule the Intersection Assessments to allow requestors' participation. The level of participation of the requestor should be limited to include hearing the requestor's concerns, which crossing they would like APS installed, why they would like APS installed at those crossings, and what their expectations are as they use the crossing. This may highlight other changes that may be needed at the pedestrian crossing with or without the installation of APS. Recommended changes may include, but are not limited to, realigning pedestrian crossings, realigning pedestrian ramps, adding truncated domes, or relocating pedestrian pushbuttons.

Go to Step 3

- B. Signal Revision – Document the existing signalized intersection location that is being revised as part of a project. Determine if the intersection geometrics or signal phasing is being changed as part of the project. This includes curb lines, pedestrian crossing locations, etc.

Go to Step 2

- C. New Signal – Document the intersection location that is being proposed to have a new signal constructed. Determine if the intersection geometrics or signal phasing is being changed as part of the project.

Go to Step 2

Step 2: Type of Intersection Change

- A. No Change to Geometrics or Signal Phasing – If there are no geometric changes or signal phasing changes anticipated at the intersection, collect the geometric, signal, and pedestrian crossing information from the field or from construction as-built plans.

- B. Change to Geometrics or Signal Phasing – If there are geometric or signal phasing changes anticipated at the intersection, document the proposed intersection information, including curb radii, pedestrian crossing configurations, sidewalk configurations, signal phasing, signing, striping, etc. General details may have to be estimated based on known data until plans are finalized.

Step 3: Prioritization Forms

Pedestrian crossing locations at intersections will be scored using the Prioritization Tool Worksheets. This tool will provide a preliminary score that will be compared against a base score. In addition, the preliminary score will be compared to the relative priority as compared to other pedestrian crossing locations with or scheduled for APS installation, any work being planned at that intersection, and whether APS is likely to be installed within the next three (3) years.

Open the Accessible Pedestrian Signals Worksheets folder located on the H: drive at H:\Policies & Procedures\Traffic\Accessible Pedestrian Signals Worksheets. Print the APS Prioritization Tool_Field Worksheets.xls and fill out the information on the forms. These forms are for manual evaluation in the field. Automated forms are available for electronic preservation of the evaluation as outlined in Step 5.

Step 4: APS Prioritization Worksheets

Field evaluation should be completed in mid-morning or mid-afternoon, outside of the peak hours, during daylight, during clear weather, and under dry roadway conditions.

Cover Sheet:

Location – If it is a mid-block location, note the intersections to either side of the pedestrian crossing location.

Evaluator – If the requestor is present during the evaluation, add their name.

Evaluation Date – Note the date and time when the field evaluation occurred.

Other Considerations – Note conditions that may influence the field evaluation results. This may include, but is not limited to, weather conditions, road conditions, construction, road closings, sidewalk closings, or crashes nearby.

Pedestrian Crossing Scores – Summarize the total score for each pedestrian crossing evaluated.

Intersection Worksheet:

Sketch – Draw a diagram of the intersection or pedestrian crossing location. At a minimum, the sketch should include the following:

- Pedestrian crossing location and orientation, including skew and any change in direction for correct reference to the pedestrian crossing worksheets.
- Location of pushbuttons and other signal features.
- Geometrics, such as islands and lane configuration.
- Label each pedestrian crossing as A, B, C, etc.

The intersection layout plan sheet for the signal should be used to supplement this information, if available. An aerial photo of the intersection will be helpful and should be included if available. Note any changes to the intersection that may not match what is shown in the aerial photo.

Configuration – Select based on the number of legs at the location. The most common intersection configurations are easiest for visually impaired pedestrians to navigate.

Signalization – Select based on the signal operations. Pretimed intersections are easiest to navigate since the phases are consistent from one cycle to the next. Operations that are unexpected are hardest to navigate.

- if one direction has split-phasing, the signalization is split phased

The following three categories have to do with the expected presence of visually impaired pedestrians.

Transit Facilities – Select based on if and how many transit facilities are close to the intersection. This includes both transit stations and bus route signing with bus stops.

Distance to Facility for Visually Impaired – Select based on distance to a facility for the visually impaired. A facility for the visually impaired is a facility that specifically serves the visually impaired. This includes but is not limited to centers for the blind, a service for the use of Braille products, a retailer of Braille products, or training facilities for guide dogs. This may also include a house or apartment complex with a known visually impaired resident.

Known facilities that serve the blind in Bloomington include:

1. United Blind: 3200 West 88th Street
2. Normandale Community College: 9700 France Avenue South
3. Sensory Genetics: 5801 Southwood Drive
4. St. Michael's Lutheran Church: 9201 Normandale Boulevard
5. ReSound US: 8001 East Bloomington Freeway

Distance to Major Pedestrian Attraction – Select based on distance to a major pedestrian attraction. This includes, but is not limited to

- major shopping areas
- major cultural or social venues
- educational campuses

- recreational or regional park areas
- medical facilities.
- libraries

Other items to consider in the installation of APS:

Signal slated for construction or revision – Select future time frame if the construction or revision of the signal location is known. If unknown, select over 5 years (Past the Capital Improvement Plan timeframe). If a signal or street is being reconstructed, there is an increased ability to make changes.

Other Intersection Level Issues – Summarize other issues that may be of interest at the intersection. Is it near an emergency medical facility or railroad which may preempt the signal often? Anything unique about the intersection or signal operations?

Points are not currently given for other intersection level issues but may be given points at the discretion of the City Traffic Engineer. Points are given based on how an intersection issue is likely to affect a visually impaired pedestrian.

Intersection Worksheet Score – Add up the Score from this sheet.

Pedestrian Crossing Worksheet:

Complete one worksheet for each pedestrian crossing at the intersection. If the signals are timed for pedestrians to only cross to a median island, consider them as two separate pedestrian crossings. Pedestrian crossings or locations crossing to a right-turn island are also considered separate pedestrian crossings.

Pedestrian Crossing Designation – Note the pedestrian crossing designation as reported on the Sketch completed on the Intersection Worksheet.

Pedestrian Crossing Length – Measure the distance of the pedestrian crossing from the middle of the pedestrian ramps to the middle of the pedestrian ramp, curb-to-curb. Select based on the measured distance.

Approach/Crossing Geometrics (select all that apply)

- *Curb radius* - Measure the curb radius at both ends of the pedestrian crossing. Select if the radius is greater than 25 feet AND if the pedestrian curb ramps and truncated domes are NOT aligned with the pedestrian crossing and the opposite curb ramp (see Fig. 2).
- *Islands or medians* – Select if the pedestrian crossing crosses a painted, raised, or cut-through median at the location of the pedestrian crossing. (If the island or median nose does not extend across the location of the pedestrian crossing, do not select.)
- *Transverse slope on pedestrian crossing* – Select if the slope of the street across the pedestrian crossing is greater than 5%. Slopes

greater than 5% tend to alter the path of a pedestrian toward the downslope (i.e. the roadway grade is greater than 5% at the pedestrian crossing).

- *Apex curb ramp* – Select if the pedestrian curb ramp is aligned to the center of the intersection, if there is one curb ramp for two or more pedestrian crossings (Fig. 1), or if a pedestrian would not be aligned to the middle of the pedestrian crossing by following the center of the pedestrian curb ramp (Fig. 2).

Fig. 1

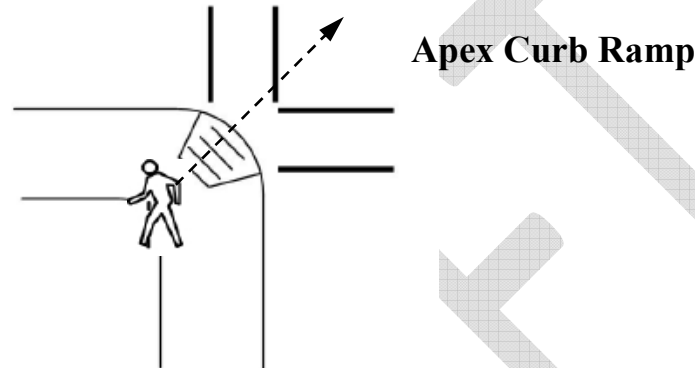
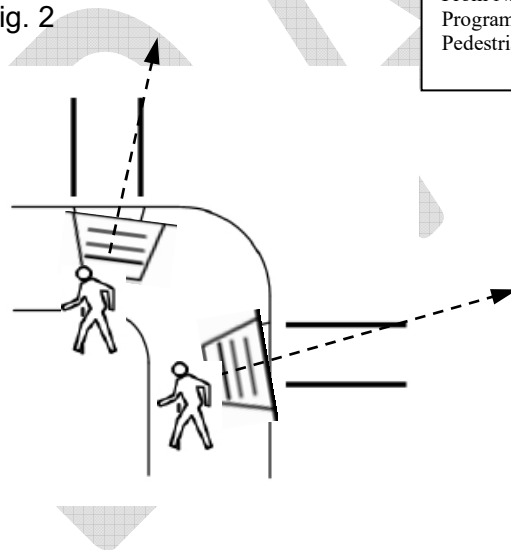


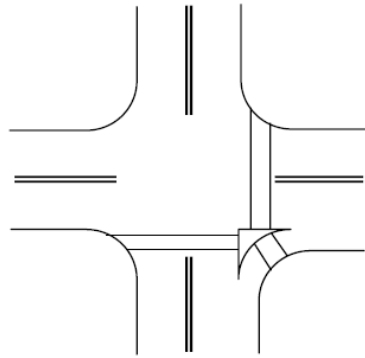
Fig. 2



From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

- *Channelized right turn island* – Select if either one of the end points of the pedestrian crossing is at a channelized right-turn island (pork-chop island).

Fig. 3

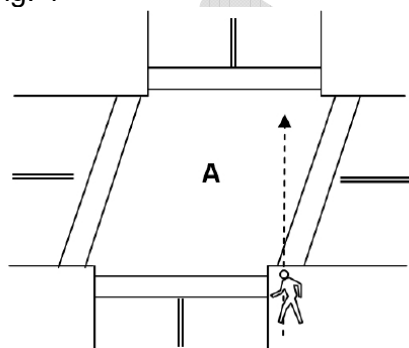


Pedestrian crossings with a channelized right turn island

From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

- *Skewed pedestrian crossing* – Select if the direction of travel on the pedestrian crossing is different than the direction of travel on the sidewalk leading to the pedestrian crossing. Select if a pedestrian has to turn or shift direction from the sidewalk to the pedestrian crossing to the sidewalk on the other side of the intersection.

Fig. 4



Skewed Pedestrian Crossing

From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

Vehicle Signal Control (select all that apply)

If a pedestrian crossing being analyzed is across a channelized right turn that is under yield control, no items should be selected for scoring under Vehicle Signal Control.

- *Right-Turn-On-Red permitted* – Select if right-turn-on-red is allowed or if vehicles are not complying with No-Right-Turn-On-Red signing on the street parallel to the crossing (parallel street).

To measure compliance, watch traffic for a total of at least 10 cycles (at least 5 in peak and at least 5 in off-peak), count the number of cycles in which at least 1 vehicle makes a right-turn on red, select if more than 20% of the cycles have a right-turn on red.

- *Leading protected left-turn phase* – Select if the parallel street has a protected left turn phase across the pedestrian crossing. This may be protected or protected/permitted phase operation. This should also be selected if the left turn across the pedestrian crossing is before an exclusive pedestrian phase or if the pedestrian phase is in the second phase of a split phase operation.

- *Protected right turn/right turn overlap* – Select if the parallel street has a protected right turn phase across the pedestrian crossing. This may be with a protected phase or protected overlap operation.
- *Channelized right turn under signal control* – Select if the pedestrian crossing is across a channelized right turn lane that is operating under signal control and right-turn-on-red is prohibited.

Distance to Alternative APS – Select the appropriate distance to the location of another intersection that includes a pedestrian crossing with APS that crosses the same roadway as the one being analyzed.

Posted Speed – Select the posted speed for the roadway on the street being crossed with the pedestrian crossing.

Pedestrian Signal Control (select all that apply)

- *Push button actuation required for WALK signal* – Select if push buttons are used for the crossing.
- *Non-concurrent WALK interval* – Select if the WALK interval is not concurrent with the green phase of the parallel street.
- *Leading Pedestrian Interval* – Select if the pedestrian interval begins before the vehicle green on the parallel street (street that is parallel with the pedestrian crossing).
- *Timed for crossing to median island* – Select if the pedestrian crossing being analyzed is part of a pedestrian crossing is timed for a pedestrian to only get to the median (i.e. cross half of street at a time).

Off-Peak Traffic Presence – Watch traffic for 10 cycles of the signal during an off-peak period (i.e. the middle of the day). Count the number of cycles in which at least 2 vehicles are on the parallel street. Select based on the count.

Pedestrian Pushbutton Location (select all that apply)

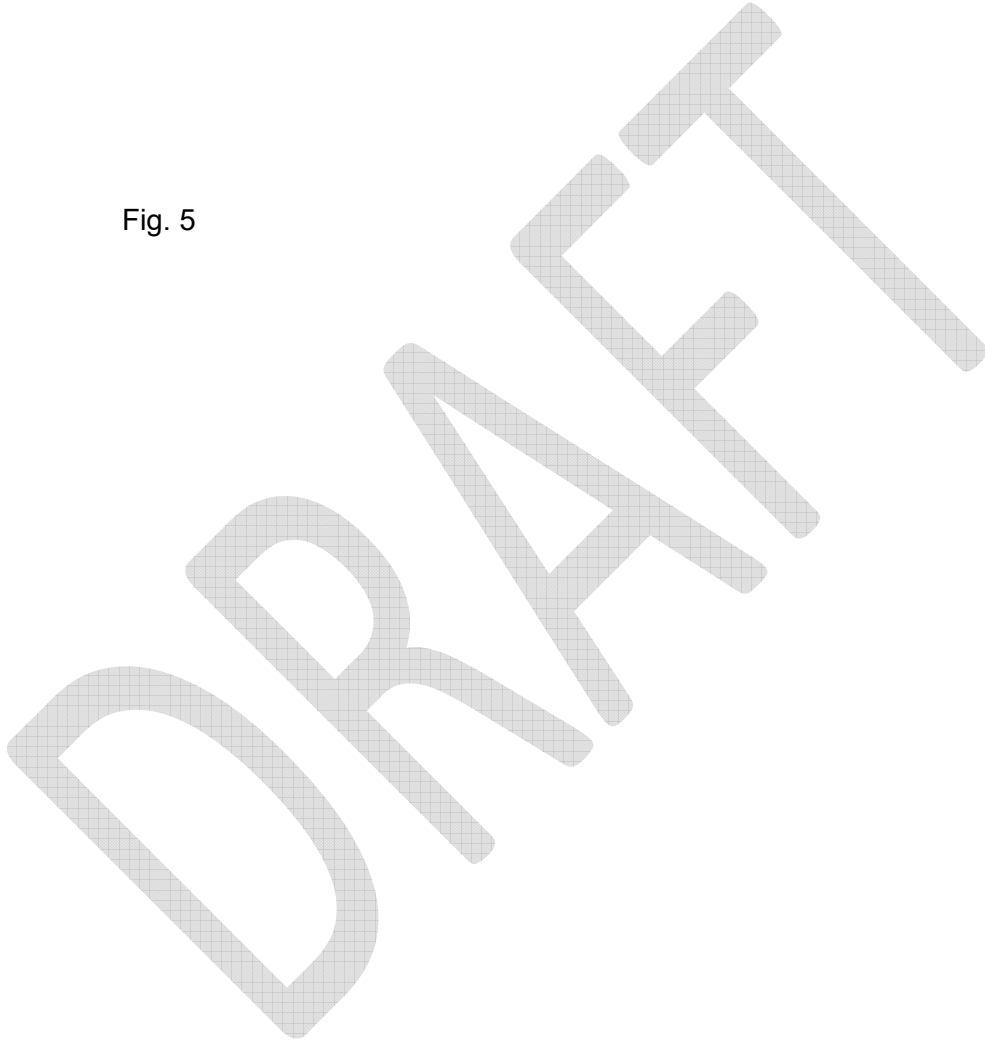
- *Located > 10 ft. from curb* – Select if the pedestrian pushbutton at either end of the pedestrian crossing is located greater than ten feet from the curb.
- *Located > 5 ft. from CW extd.* – Select if the pedestrian pushbutton at either end of the pedestrian crossing is located greater than five feet from where the pedestrian crossing would extend up onto the curb.

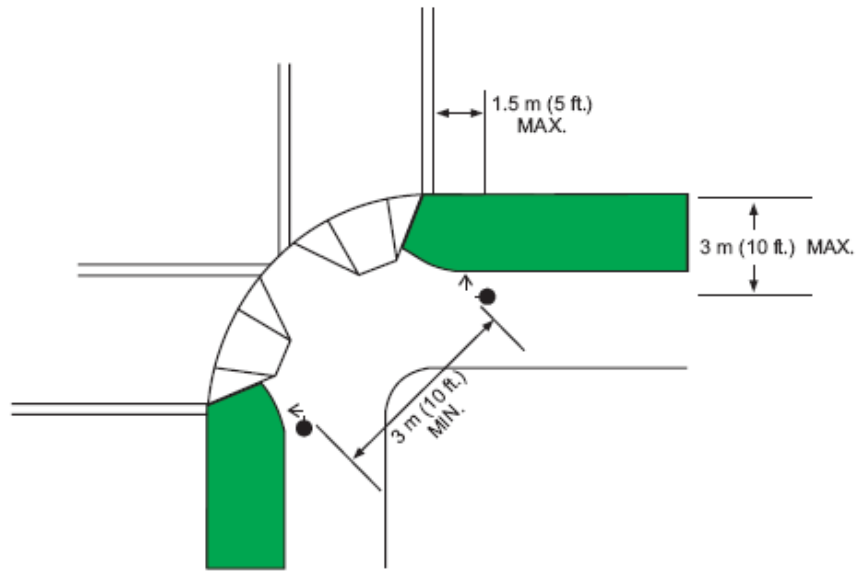
More explanation of either variable can be found in the Minnesota Manual on Uniform Traffic Control Devices (MMUTCD), Section 4E.9 Accessible Pedestrian Signal Detectors.

The recommended push button locations for APS, as outlined in the MMUTCD, are shown in Figure 5.

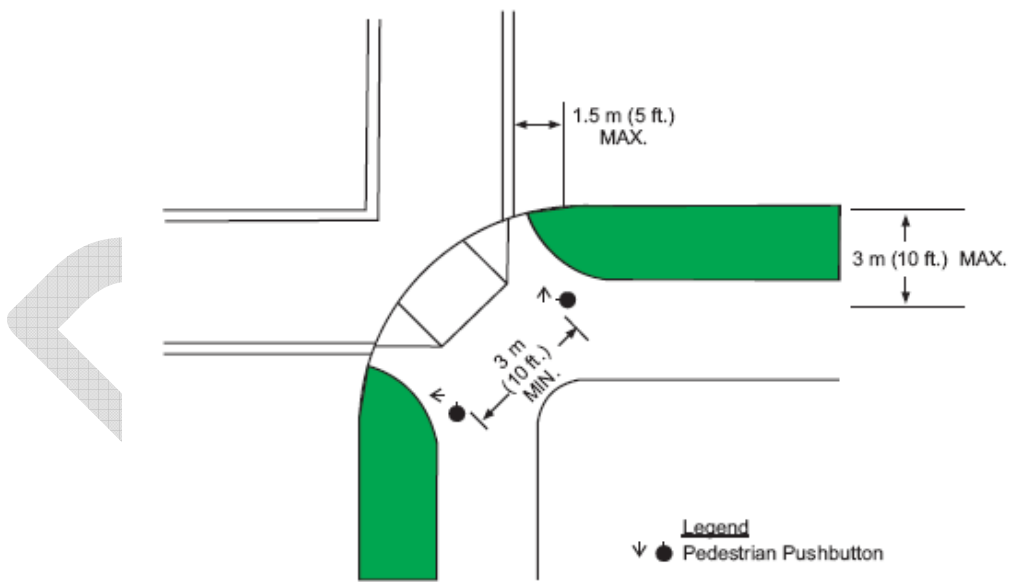
Requests for APS – Select based on the number of requests for APS at the pedestrian crossing being evaluated.

Fig. 5





Two Curb-Cut Ramps



One Curb-Cut Ramp

Figure 4E-2. Recommended Pushbutton Locations for Accessible Pedestrian Signals

Other Pedestrian Crossing Level Issues – Summarize other issues that

may be of interest. This may include: walk times; flashing “don’t walk” times; the shortening of the flashing “don’t walk” under EVP if programmed into the controller; pedestrian and vehicle signing that is associated or near the pedestrian crossing; visual, sensory, and auditory interferences for pedestrians including signs, trees, a structure nearby that emits “loud” noise, fences, walls, etc., that impact a pedestrian accessing or using the pedestrian crossing.

Points are not currently given for other pedestrian crossing level issues but may be given points at the discretion of the City Traffic Engineer. Points are given based on how a pedestrian crossing issue is likely to affect a visually impaired pedestrian.

Other issues which may be given scores based on engineering judgement:

- No yield sign at crosswalk across channelized right turn lane
 - For a channelized right turn lane, a visually impaired pedestrian assumes that they can start crossing at any time and traffic will stop for them, as required by State Law. This is true if the pedestrian crossing is signed or unsigned. A yield sign placed after the crosswalk may divert the driver’s attention away from the crosswalk location. Consequently the yield sign placement may need to be reviewed.
- 2 Pushbuttons on same pole
 - Two (2) pushbuttons installed on the same signal pole may result in difficulty for a visually impaired pedestrian to determine which button goes with which direction. In most circumstances, this will not have any bearing, but it may under select circumstances. Under APS, this type of configuration is even more difficult as the messages and beeping noises mix with each other.
- No truncated domes
 - Truncated domes at crosswalk locations indicate to visually impaired pedestrians where the sidewalk/trail ends and where there is a crossing of a street. The absence of truncated domes may result in the visually impaired pedestrian not realizing that there is a crossing. Truncated domes can also help align pedestrians to the correct path across the street.

Pedestrian Crossing Worksheet Score – Add up the score from this sheet.

Intersection Worksheet Score – Copy the score from the Intersection Worksheet for the intersection that this pedestrian crossing is part of.

Total Pedestrian Crossing Score – Add up the two above Scores.

Copy the Total Pedestrian Crossing Score to the Cover Sheet.

Supplemental Worksheet:

Supplemental Sketch – Use this space if additional sketch space is needed

to note location of objects or references. An aerial photo may be attached in this space. Note if there are any changes in the field from what is shown in the aerial photo.

Supplemental Notes – Use this space for notes that do not fit onto the other Worksheets.

Additional explanation of the variables can be found in NCHRP Project 3-62, 117A.

Step 5: Electronic Copy

An electronic copy of the field evaluation is required to double check the calculations and is then available for changes without requiring a new evaluation should changes occur to the intersection, its characteristics, or operations.

- A. Copy the APS Prioritization Tool_Automated.xls file to H:\Traffic\Signals\APS with a folder for the intersection evaluated. Rename the file APS_Street Name_Street Name.xls.
- B. Enter and save the data into the forms.
 - a. Add an aerial photo of the intersection to the file on the Supplemental Worksheet. Use the drawing toolbar to modify the location of pedestrian crossings or sidewalks if not up-to-date in the aerial photo.
- C. Print the forms and add to the paper file.
- D. File the field evaluation worksheet forms after the electronic copy is complete. Double-check data entry for errors before filing.
- E. Copy the APS_Street Name_Street Name.xls file to the project folder, if the APS evaluation was completed in association with a specific project.

Step 6: Post Evaluation

The pedestrian crossings will receive a score from the worksheets which the City will use to prioritize the installation of APS.

In all instances, other changes are recommended to be implemented and the pedestrian crossing re-evaluated before installation of APS is recommended. Recommended changes include but are not limited to realigning pedestrian crossings, realigning pedestrian ramps and truncated domes, realigning sidewalks, relocating pedestrian pushbuttons, or changing signal operations if possible. Recommended changes can be determined through the APS evaluation process by looking for items in which points are allotted and making changes so fewer or no points are allotted. Recommended changes should be made to reduce the score to as low of a number as possible, not just get below the threshold score.

- A. For pedestrian crossings that cross a private drive, a score of 55 or higher indicates that installation of APS would be recommended at the

pedestrian crossing if there are more than 120 vehicles per hour across the pedestrian crossing during the peak hour of the day for the driveway. A crossing of a private drive is considered part of the signalized intersection.

Traffic volume information can be ascertained from a variety of methods.

- 1) If peak hour counts are available (completed within past 3 years) for the driveway, use those unless the property is proposed for redevelopment or has been redeveloped since the traffic counts.
 - 2) If peak hour counts are not available, use a daily count assuming 10% of the daily traffic occurs during the peak hour unless the property is proposed for redevelopment or has been redeveloped since the traffic counts
 - 3) If no counts are available or the property is proposed for redevelopment or has been redeveloped within the past 3 years and a traffic study has been completed for the property/properties that are associated with the crossing, use the projected numbers.
 - 4) If no numbers can be found using the above methods, use the Institute of Transportation Engineers (ITE) Trip Generation Manual to estimate the counts based on the land use or proposed land use.
- B. For pedestrian crossings that cross a channelized right turn lane, a score of 55 or higher indicates that installation of APS and signalization of the channelized right turn lane should be evaluated to assess the viability and driver acceptability of a change (i.e. signalization of the channelized right turn meets the expectation of the driver based on geometry, conflicts, and traffic and pedestrian volumes). This includes the evaluation of traffic operations, sight lines, signing, striping, and the channelized right turn lane geometry. Signal Warrants should also be analyzed under this additional evaluation.
- C. For all other pedestrian crossings, a score of 55 or higher indicates that installation of Accessible Pedestrian Signals would be recommended at the pedestrian crossing.

After the evaluation, the pedestrian crossings that meet the above thresholds will be added to a list of pedestrian crossings throughout the City that meet the thresholds for the installation of APS. The highest rated pedestrian crossings will be installed first as the budget allows or as approved by the City Council. If an intersection is being reconstructed or a signal is being revised or installed, pedestrian crossings at those locations may receive APS before higher rated pedestrian crossings.

Step 7: APS Pedestrian Crossing List

The APS Pedestrian Crossing List is a record of the pedestrian crossings evaluated within the City of Bloomington, the pedestrian crossings that meet

the thresholds and are recommended for APS installation as budget allows, and the pedestrian crossings where APS is implemented.

The file is located at H:\Policies & Procedures\Traffic\Accessible Pedestrian Signals Worksheets.

Open the APS Pedestrian Crossing List.xls file.

Input Sheet Tab:

Enter the information highlighted in green from the APS Prioritization Tool Worksheets. If the Major and Minor Street cannot be easily determined, order them alphabetically.

Note which, if any, pedestrian crossings meet the threshold. If a pedestrian crossing location meets the threshold, enter in Priority Sheet tab.

Priority Sheet Tab:

Enter information highlighted in green from the Input Sheet tab. Insert the pedestrian crossing location into the sheet based on how close the pedestrian crossing is to meeting the score, then the actual score. As APS is implemented at pedestrian crossings on this sheet, remove it from the sheet and add it to the Implemented Sheet tab.

If an intersection meets the threshold for APS on one crossing and is within 5% of meeting the threshold at other crossings of the same intersection, it is recommended that the other crossings within 5% also be outfitted with APS.

If more than 50% of the crossings at an intersection meet the threshold for APS, APS is recommended to be installed on all other crossings of the intersection, unless the crossings are of a private drive or a channelized right turn. Providing consistency at an intersection is important for not only a visually impaired pedestrian but all pedestrians. If the majority of pedestrian crossings have APS, there is an expectation that all crossings have APS. The absence of APS, when expected, may result in a visually impaired pedestrian losing their way as they traverse the intersection.

Implemented Sheet Tab:

Enter information highlighted in green from the Priority Sheet tab as APS is implemented at the pedestrian crossing. APS may be implemented for a pedestrian crossing even if they are not on the Priority Sheet. Insert the pedestrian crossing location into the sheet based on date implemented, group an intersection together if possible.

Pedestrian Accessibility Considerations in Temporary Traffic Control Zones Check List

This project has been reviewed for the various temporary traffic control provisions for pedestrian accessibility considerations contained in MN MUTCD Part 6. These provisions have been applied by knowledgeable persons after appropriate evaluation and engineering judgment. Considerations as listed below have been reviewed and where applicable, deviations and/or exceptions from Part 6 are documented.

Engineer's Signature : _____ Date : _____

Project Number: _____ Project Location: _____

IS IT REASONABLE TO EXPECT THAT PEDESTRIANS WILL BE PRESENT WITHIN THE VICINITY OF THE PROPOSED TEMPORARY TRAFFIC CONTROL ZONE?

Consider features such as schools, parks, paths / trails, transit stops, commercial property, residential areas, assisted living centers, office complexes, or other pedestrian generators in the area. Special events during the time of construction must also be considered, such as community festivals or other unusual situations that generate temporary pedestrian traffic.

- YES** - complete the following checklist
 NO - document your conclusion

MN MUTCD 6D.01 Standard:

The needs and control of all road users (motorists, bicyclists, and pedestrians within the highway, including persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA), Title II, Paragraph 35.130) through a temporary traffic control zone shall be an essential part of highway construction, utility work, maintenance operations, and the management of traffic incidents.

MN MUTCD 6D.02 Standard:

When existing pedestrian facilities (routes) are disrupted, closed, or relocated in a temporary traffic control zone, the temporary facilities **shall be** detectable and include accessibility features consistent with the features present in the existing pedestrian facility.

Guidance:

To accommodate the needs of pedestrians, including those with disabilities, many considerations should be addressed when temporary pedestrian pathways in temporary traffic control zones are designed or modified. Use the following checklist to document your decisions. **Refer to the MN MUTCD Part 6 for additional standards, and guidance and/or clarification on pedestrian and ADA requirements in temporary traffic control zones.**

- A. Will a reasonably safe, convenient, and accessible path be provided that replicates as much as practical the desirable characteristics of the existing pedestrian facilities?
 YES NO (partially) document your decision
- B. Will access be provided to current or temporary transit stops?
 YES NO (partially) document your decision
- C. Will all pedestrian facilities near temporary traffic control zones be separated from the worksite by appropriate barriers that maintain the accessibility and detectability for pedestrians with disabilities?
 YES NO (partially) document your decision

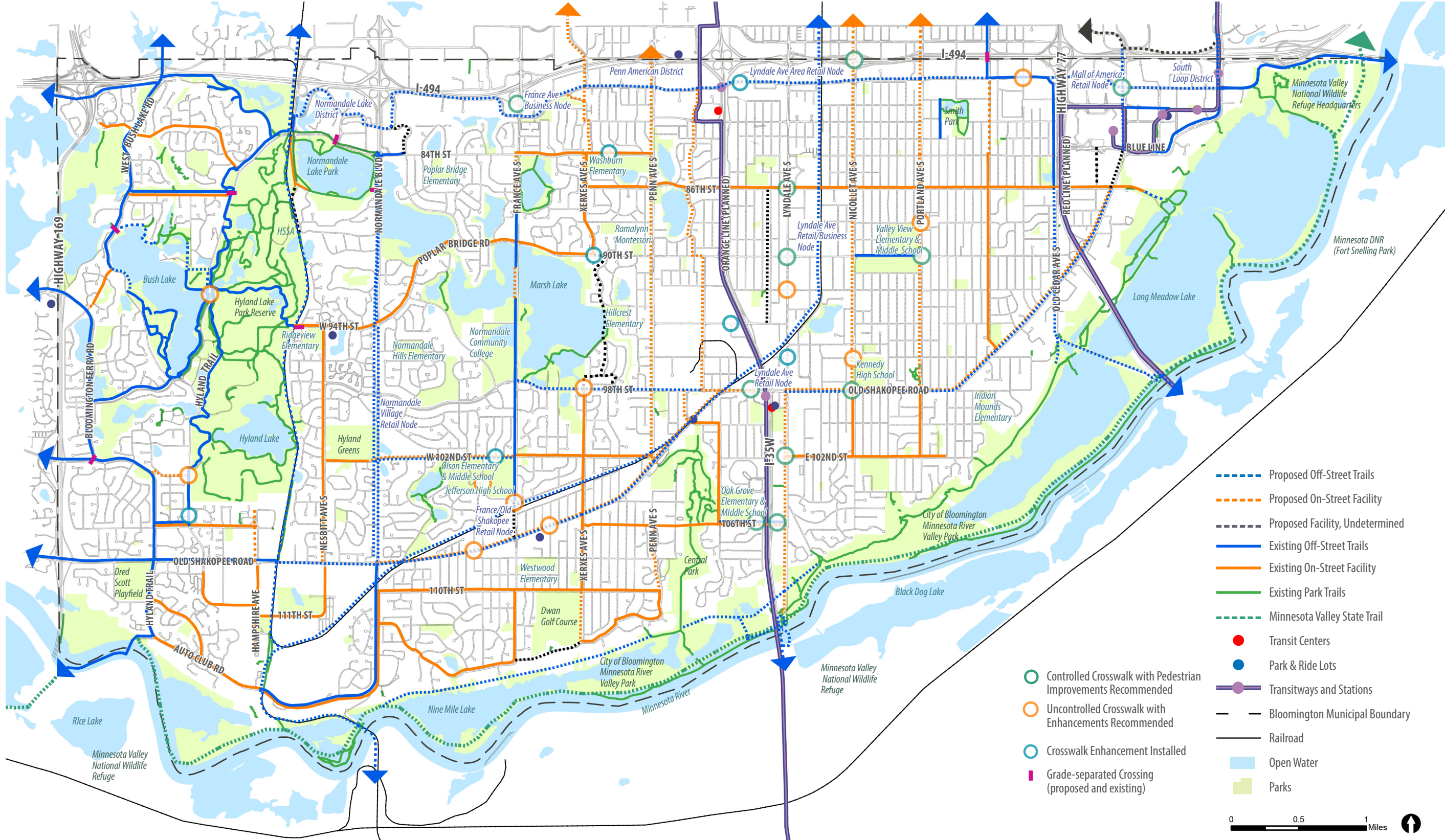
Figure 6D-1 Pedestrian Accessibility Checklist

(Sheet 1 of 2)

- D. Will blocked routes, alternate crossings, sign and signal information be communicated to pedestrians with visual disabilities?
- Devices should include audible information devices, accessible pedestrian signals, or barriers / channelizing devices that are detectable to the pedestrians traveling with the aid of a long cane or who have low vision.
 - Where pedestrian traffic is detoured to a temporary traffic control signal, engineering judgment should be used to determine if pedestrian signals or accessible pedestrian signals should be considered for crossings along an alternate route.
- YES NO (partially) document your decision
- E. Will sidewalk(s) be closed properly with advance notification to the maintaining agency?
- Advance notification of sidewalk closures **shall be** provided to the maintaining agency.
 - Where pedestrians with visual disabilities normally use a closed sidewalk, a barrier that is detectable by a person with a visual disability traveling with the aid of a long cane **shall be** placed across the full width of the closed sidewalk.
- YES NO (partially) document your decision
- F. Will channelization with continuous edging be used to delineate a pedestrian pathway throughout the length of the facility such that pedestrians using a long cane can follow it?
- These detectable edgings should adhere to the provisions of Section 6F.68.
- YES NO (partially) document your decision
- G. Will a smooth, continuous hard surface that will not cause tripping or restrict wheelchair use be provided throughout the entire length of the temporary pedestrian facility?
- YES NO (partially) document your decision
- H. Will the width of the existing pedestrian facility be provided for the temporary facility?
- Where it is not possible to maintain a minimum width of 1500 mm (60 in) throughout the entire length of the pedestrian pathway, a 1500x1500 mm (60 x 60 in) passing space should be provided at least every 60 m (200 ft), to allow individuals in wheelchairs to pass.
- YES NO (partially) document your decision
- I. Will traffic control devices and other construction materials and features NOT intrude into the usable width of the sidewalk, temporary pathway, or other pedestrian facility?
- Signs and other devices mounted lower than 2.1 m (7 ft) above the temporary pedestrian pathway should not project more than 100 mm (4 in) into accessible pedestrian facilities.
 - Barricade rail supports should not project into pedestrian circulation routes more than 100 mm (4 in) from the support between 675 mm (27 in) and 2000 mm (80 in) from the surface. Ballast **shall not** extend into the accessible passage width of 1500 mm (60 in). Refer to Section 6F.63 for more details.
- YES NO (partially) document your decision

Figure 6D-1 Pedestrian Accessibility Checklist

(Sheet 2 of 2)



- - - Proposed Off-Street Trails
- - - Proposed On-Street Facility
- - - Proposed Facility, Undetermined
- Existing Off-Street Trails
- Existing On-Street Facility
- Existing Park Trails
- - - Minnesota Valley State Trail
- Transit Centers
- Park & Ride Lots
- Transitways and Stations
- - - Bloomington Municipal Boundary
- Railroad
- Open Water
- Parks
- Controlled Crosswalk with Pedestrian Improvements Recommended
- Uncontrolled Crosswalk with Enhancements Recommended
- Crosswalk Enhancement Installed
- Grade-separated Crossing (proposed and existing)



Public On-Street Parking Policy

Final Draft Version, February, 2013

Overview

On-street parking is an integral part of the Bloomington transportation system. Well managed on-street parking contributes to Bloomington's economic vitality, livability, safety, and sense of well being for residents and businesses.

On-street parking occurs within right-of-way that has been dedicated to the public, and is managed for the benefit to the community as a whole. While public parking contributes to the greater good of Bloomington, it is recognized that excessive demand for parking over long periods of time can have a negative effect on neighborhoods and businesses in the City. In an effort to ensure a well-balanced transportation system, and to provide maximum benefit to the public, the Bloomington City Council has adopted this policy in order to best manage the use of on-street parking in the City.

This policy shall be re-evaluated and amended from time to time as indicated by the City Council.

Purpose

Chapter 8 of the Bloomington Municipal Code regulates vehicles and traffic in the City, including public parking. The purpose of this policy is to provide staff, citizens, citizen commissions, and the City Council with a uniform set of policies and procedures by which to manage public parking. This policy document includes general background information on parking principles, as well as specific policy statements and procedures that shall be adhered to when adding, removing, or modifying on-street parking. Additional parking regulations are provided in Chapter 8 of the code, and Minnesota Statutes, Chapter 169.

Parking Map

The Public Works Department of the City of Bloomington maintains an official map of parking restrictions and zones for streets in the City. This map is available for review upon request by contacting the Public Works Department at 952-563-4915.

The official map is updated and adopted by the City Council at a hearing as needed. Parking restrictions and no parking zones are presumed enforceable whenever official signs are erected by the City, whether or not the specific zone has been adopted per the official map (Bloomington City Code, Chapter 8, SEC. 8.41).

Policy: The official parking map will be reviewed and adopted by the City Council at a public hearing as needed, or as requested by Council per the appeals process outlined in this policy.

Section 1 – Parking and Land Use

The code that regulates land development in Bloomington has been designed to ensure that most property owners (homes, businesses, schools, public facilities, etc.) provide adequate on-site parking to accommodate the parking demand generated by day-to-day use at that particular location, whether the use is a single-family home, apartment complex, place of assembly, retail, or dining establishment. This keeps parking demand on the surrounding streets to a minimum. Special events often occur for all these types of uses that generate parking in excess of what can be managed on-site for a short time. This might include special shopping days, weddings, funerals, parties, religious holiday celebrations, seasonal sporting events, and so on. The short term use of nearby, on-street parking for these events does not typically create a burden for the community, and the availability of nearby overflow parking to accommodate such events is a community asset – relieving the property owner from having to construct expensive accommodations for parking that would go unused a majority of the time. However, when demand for on-street parking is high, and persists for long periods of time, the neighborhood livability for adjacent residents may be diminished. If poorly managed, this use begins to affect resident’s quiet use and enjoyment of their property or can reduce the economic viability of adjacent businesses.

When evaluating a parking problem, the first step is to determine what is driving the demand in the area. Some overlap between public parking and private uses will always exist. However, parking on private property is governed and enforced through the land use code; whereas, on-street parking must be managed through the public process. Because of the time and effort involved in the public process to modify parking, it’s important that extensive time and resources are not brought to bear on what might essentially be a limited problem related to a specific use.

Policy Statement: If a particular use is generating demand for parking in excess of what can be accommodated on-site, and this demand persists for an extended period of time, the City will first work with the property owner or agency directly through the land use code and with the Environmental Health Division before moving to modify or restrict on-street parking in the surrounding community.

Parking Problems

Municipalities often receive complaints about undesirable side effects of people parking within neighborhoods including litter, destruction of plantings, cars blocking driveways and mailboxes, or parking in otherwise restricted areas. While these problems should not be disregarded, they do not, in and of themselves, constitute justification for blanket parking restrictions. Instead, managing these problems through public outreach, as well as police enforcement where needed is usually the most effective solution.

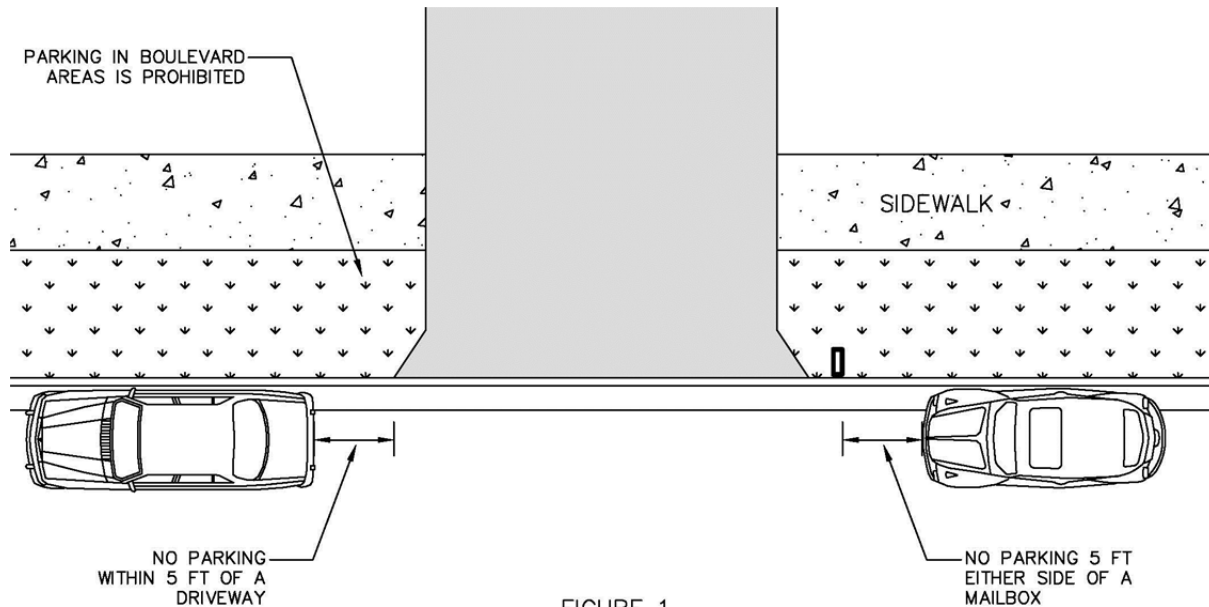


FIGURE 1
TYPICAL BLOOMINGTON
RESIDENTIAL STREET
PARKING

Section 2 - Parking Duration

One of the first aspects that will be evaluated when the City is asked to look at a parking issue is the duration of the problem. The following section discusses special events, seasonal uses, and when a problem becomes persistent enough to warrant action.

Special Events

There are numerous special events occurring throughout the year in Bloomington that create short-term demand for parking in neighborhoods, which might last for an evening or a few days. In general, the organizers of those events are responsible for coordinating suitable traffic control and manpower to adequately police and manage the event. Parking restrictions for such circumstances are limited to those needed for public safety and conveyance. Widespread neighborhood parking restrictions are not warranted, and in fact most such events rely on the availability of nearby on-street parking to be successful.

Policy Statement: Adding or lifting parking restrictions will be made on a case-by-case basis for safety and accommodation for event participants. No permanent restrictions will be added or lifted in response to special events.

Seasonal Demand

Bloomington residents enjoy a broad range of parks, trails, and recreational opportunities, from small neighborhood parks to regional facilities including the Dred Scott Playfields and the National Wildlife Refuge. A notable characteristic of most of these uses is the seasonal variation in demand. This includes

not only increased use of trails and parks in the summer, but also frequent use of ski trails and skating facilities in the winter. Key to the use and enjoyment of these amenities is the availability of nearby parking.

Policy Statement: The City will not restrict on-street parking based on a seasonal demand unless the use creates parking that is invasive to neighborhoods and persists for four (4) months or more.

Assembly Uses

Bloomington is home to a diverse population with a wide variety of interests and faith observances. Assembly uses in the City sometimes generate short term parking demand in excess of what can be handled on-site as a result of special events, including weddings, funerals and observance of religious holidays. The availability of nearby on-street parking for such events is a benefit for these types of gatherings so long as the demand and frequency of the over flow parking is limited and well managed.

Policy Statement: The City will not restrict on-street parking based on intermittent demand generated from Assembly uses for special events, including weddings, funerals and observance of religious holidays.

Nothing in this section is intended to absolve these facilities and organizers of the responsibility for the orderly management of traffic and parking in conjunction with such events.

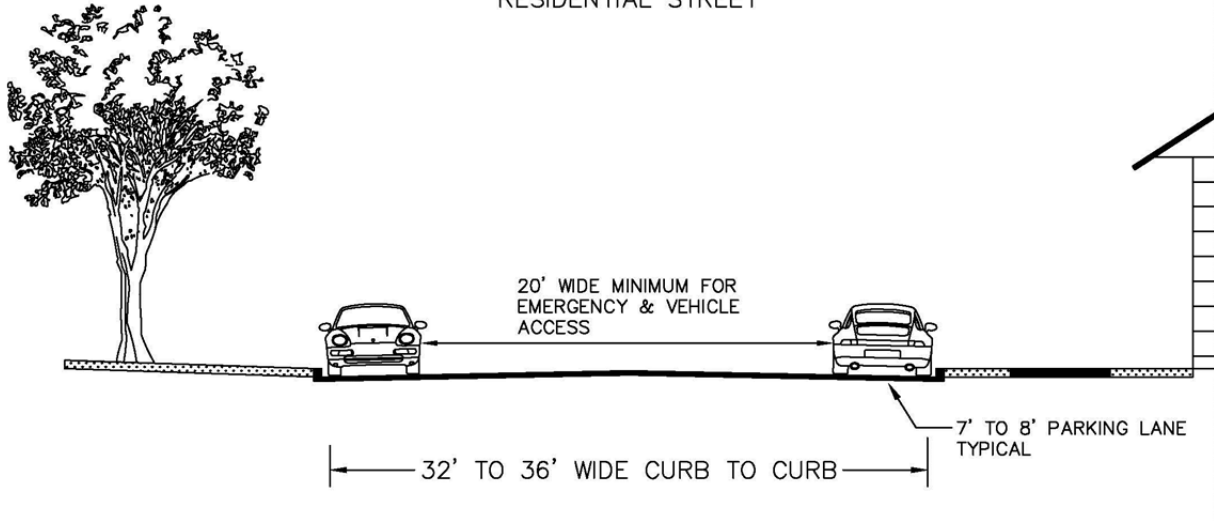
Section 3 - Geometrics

On-street parking is one aspect of a well-balanced transportation system, and must be considered in conjunction with roadway capacity, driver and pedestrian safety, and community livability.

Most residential roadways in Bloomington were designed to accommodate on-street parking on both sides, while maintaining adequate clearance for emergency access as well as larger vehicles that can be expected to use the road periodically. As shown in Figure 1, regardless of the width of the road, a 20-foot wide access should be maintained on all streets to provide for emergency access, and to accommodate things like deliveries and refuse pick-up.

Policy Statement: No modifications to on-street parking will be made under this policy that result in less than a 20-foot wide clear area unless an engineering study is performed which indicates that such parking can be accommodated safely, and such zones are limited in length.

FIGURE 2
TYPICAL BLOOMINGTON
RESIDENTIAL STREET



There are some commercial and industrial areas of the City where no on-street parking is allowed in order to accommodate the large turning movements needed by the over-the-road trucks that may be the primary road users in these districts. Maintaining such restrictions ensures the free and convenient movement of people and goods in these areas.

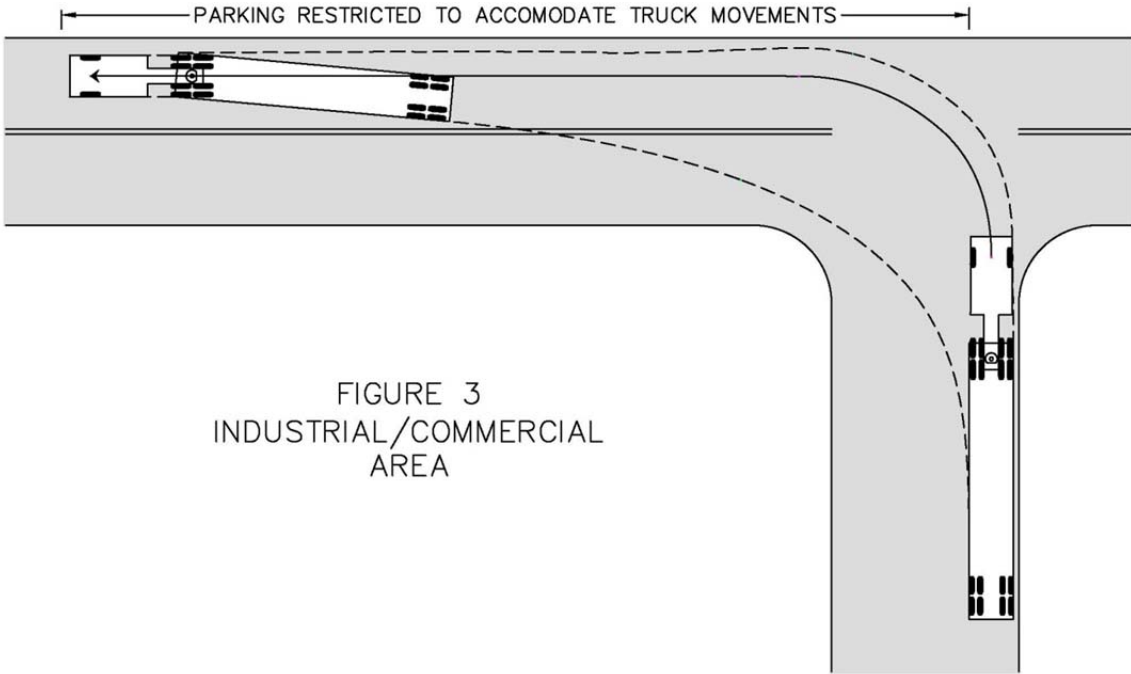


FIGURE 3
INDUSTRIAL/COMMERCIAL
AREA

While some accommodations can be made for limited or time-restricted, on-street parking in commercial and industrial areas, this parking needs to be done in such a way as to not reduce the economic vitality of those areas that rely on ease of access to do business.

Policy Statement: Parking modifications in commercial and industrial areas of the City will ensure the free and unencumbered movement of vehicles in those zones.

Section 4 – Process

To ensure that requests are handled in a uniform, efficient and equitable manner, the following processes have been adopted to help guide the City’s response to parking modification requests.

Initiated from Resident/Property Owner starts with Step 1

Step 1: Resident contacts staff with problem

Step 2: Staff establish “affected area” with map & standard petition form for resident. Resident collects signatures from 50% of addresses in affected area to initiate study

Initiated from City starts with Step 3

Step 3: Staff develops recommendation based on **adopted policy** & conducts direct mail survey of neighborhood

Step 4: Mail ballots are tallied. > 50% Agree?

No: Study terminates. Residents are notified by mail.	Yes: Residents notified by mail. Signs are posted; map updated next update cycle
---	--

Appeal Process (by Resident)

Residents shall have 15 days to appeal study outcome. Process then moves to Council

Step 1, Resident Contact: In this initial step, the resident, business, or organization contacts Public Works staff to discuss the particular issues encountered. If the issue deals with a special event, or problems with littering or illegal parking, staff will refer the issue to the appropriate department for action, including Public Works, Planning, Fire, Police, or Environmental Health personnel. If the problem is amenable to a parking modification, then movement to step two is warranted.

Step 2, Resident Petition: Based on the magnitude and extent of the problem expressed, staff will work with the resident to establish a preliminary parking study area, The affected area will be based on the type and extent of the problem that is being described by the resident; and will typically include one or more contiguous city blocks, or may be bounded by features including park and/or school boundaries - past which modifying the parking would cease to address the specific concerns described by the requesting party. Staff will provide the resident with the following:

- a) Aerial map of the affected area, including street addresses
- b) Standard petition form to initiate a parking study

With this information in hand, the requesting resident(s) will collect signatures from 50% of the parcels in the preliminary study area in order to begin the study.

Step 3, Recommendation & Survey: Based on feedback received from the affected area, and consistent with the policies set forth in this document, staff will develop a recommendation for parking modifications in the affected area. The recommendation developed will utilize the least restrictive parking modifications possible that still addresses the safety, mobility and/or neighborhood livability issues cited by the neighborhood. Where ever possible, staff will utilize standard parking restrictions that have been deployed elsewhere in the City. Once a recommendation is developed, staff will then conduct a **direct mail** survey to residents or business owners in the area soliciting feedback on the proposed modifications.

Step 4, Balloting: Staff will tally returned surveys, allowing a return response time no less than 3 calendar weeks for a completed survey. There are two possible outcomes from the balloting:

- a) If greater than 50% of the returned ballots are in favor of the parking modifications, then the proposed parking modifications will move forward to installation. The neighborhood will be notified by mail of the outcome, and shall have 15 calendar days from the date of mailing to appeal the issue.
- b) If 50% or fewer of the returned ballots are in favor of the parking modifications, then no additional work will be done. The parking study will be terminated and the neighborhood will be notified by mail of the outcome. Residents shall have 15 calendar days from the date of mailing to appeal the issue.

Appeals Process

Upon notice of the outcome of the balloting process, residents shall have 15 calendar days to appeal the outcome of a study. Upon receiving a written appeal on the form included in this document, staff will request that the issue be heard by the City Council. Should the Council wish to have a hearing on the issue; it will be scheduled for the next available Council Meeting, with notification to the neighborhood of the date.

Staff will compile a report to the Council that shall detail the following:

- a) the nature of the original complaint or reason for the study
- b) a map of the affected area under study, including how the area was developed
- c) the recommended parking modifications including the supporting policies from this document;
- d) a summary of the responses received

All addresses within the affected area will be notified of the outcome of the public hearing.

Section 4 –Disability Parking

The City strives to accommodate persons with disabilities in its services and programs, including on-street parking. Persons with disabilities may request, and the City may erect, signs on any residential street prohibiting parking except by vehicles displaying a person with a disability plate or temporary or permanent permit issued in accordance with Minnesota State Statute (Section 168.021). The following criteria apply:

The applicant, as part of their request, shall be required to provide the following information:

- a) Address and requestor contact information, sufficient to verify residency;
- b) A copy of a disability permit issued by the State of Minnesota meeting the criteria of Section 168.021 of State Statute; and

Periodic verification of the ongoing need for the accommodation will be requested, typically annually. The restricted parking zone will be removed once the accommodation is no longer necessary, or no reply is received within 3 months to the request for verification.

The following provisions apply:

- 1) A 25-foot long restricted parking or loading zone will be established via regulatory signage provided and installed by the City.
- 2) No other actions will be undertaken by the City in conjunction with creating a disability limited parking zone including, but not limited to, curb cuts, grading, and paving or drainage improvements to public right-of-way or private property, unless such improvements are triggered by other work being conducted by the City on the roadway. Hardscape or other improvements required by the applicant will be the responsibility of the applicant.

- 3) Streets where parking is already prohibited because of other circumstances will not be modified to allow parking as a result of these requests.

Disability limited parking on public streets does not restrict parking to any specific individual, but rather is available for any user who meets the disability permit criteria as outlined above.



Parking Study Petition Form

Contact Name _____ Day Phone _____

Address _____

E-mail Address _____

Proposed Location from: _____ to _____
 (street name) (street name)
 on _____
 (street name)

Note: There has been a request from a resident in your neighborhood for the City to study parking modifications in the area shown on the attached map.

We, the undersigned, as residents, request that the City conduct a parking study for consideration of modifying the on-street parking in the area.

Date	Name (please print)	Address	Signature

Please return the completed application form along with the signed petition forms to:
 City of Bloomington, Engineering Division, Traffic Section
 1700 West 98th Street, Bloomington, MN 55431-2501



Intent to Appeal Parking Study Form

Name _____ Day Phone _____

Address _____

E-mail Address _____

Explanation of Appeal

Please return the completed intent to appeal form to:
City of Bloomington, Engineering Division, Traffic Section
1700 West 98th Street, Bloomington, MN 55431-2501

Public Parking

Street Parking

Requirements for street parking apply only to marked or metered street parking. When on-street parking is marked or metered, accessible parking spaces complying with R308 shall be provided on the block perimeter in accordance with Table R216. (In the Draft Public Rights-of-Way Document)

The City of Bloomington, Public On-Street Parking Policy also addresses Accessible Parking in Section 4. Persons with disabilities may request, and the City may erect, signs on any residential street prohibiting parking except by vehicles displaying a person with a disability plate or temporary or permanent permit in accordance with Minnesota State Statute (Section 168.021) A copy of the policy can be found elsewhere in the Appendix of this document.

Parking Lots (MN1341 1106.1, 502)

- Parking Space Width - 8' minimum
- Access Aisle Width - 8' minimum
- Access Aisle Markings- striped the full length of the parking space, indicate "no parking" (sign or painted on surface)
- Slope- 1:48 maximum in all directions for entire space and access aisle
- Vertical Clearance- 96" minimum
- Signage
 - Centered at head end of the parking space
 - 96" maximum from head end of the space
 - 60"- 66" above the parking surface to the bottom of the sign

Note- In Minnesota, all access aisles are 8' wide (no 5' wide aisles) based on the current building code.

Pedestrian Overpasses / Underpasses

Approach

- Where the approach slope exceeds 5%, the approach shall be one of the following:
- Ramp with 4' minimum width
- Elevator
- Limited use/limited application elevator (LULA)
- Platform lift

Stairs

If stairs are provided in addition to ramp, elevator, LULA or platform lift, they must comply with R407, including:

- Uniform treads and risers
- Risers- 4" minimum - 7" maximum
- Treads- 11" minimum
- Open risers are not permitted
- Tread Surface- 2" minimum width of contrasting color on the front edge of each tread
- Nosing- curved, 1/2" maximum or angled
- Handrails- required on both sides
- Handrail height- 34" - 38" above surface
- Handrail clearance- 38" minimum between handrails

Appendix D – Grievance Procedure



CITY OF BLOOMINGTON REASONABLE ACCOMMODATION POLICY FOR MEMBERS OF THE PUBLIC

POLICY STATEMENT:

The City of Bloomington (City) is committed to creating and maintaining an environment that is equitable and inclusive for people with disabilities. The City does not discriminate against a qualified person with a disability or exclude or deny the benefits of its services, programs, or activities to a qualified person because of a disability. The City will provide a reasonable accommodation or modify its policies and programs to allow people with disabilities to participate in all City services, programs, or activities. However, the law does not require the City to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden on the City.

AUTHORITY:

Federal and State law requires the City to ensure equal access to its services, programs, or activities and prohibits the City from discriminating against a person because of a disability. Federal and State laws include:

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination against people with disabilities in programs that receive federal financial assistance. 29 U.S.C. § 794.

Title II of the Americans with Disabilities Act of 1990 (ADA) prohibits discrimination on the basis of disability in all services, programs, or activities provided to the public by local governments. The ADA calls for removing barriers and providing reasonable accommodations so that people with disabilities may fully participate in the same city programs, services, or activities to which people without disabilities have access to. 42 U.S.C. § 12132.

The Minnesota Human Rights Act prohibits discrimination in the access to, admission to, full utilization of or benefit from any public services because of a disability. Public services must ensure physical and program access for people with disabilities. Minn. Stat. § 363A.12.

POLICY:

Qualified Disability: is defined as (1) a physical or mental impairment that substantially limits one or more of the major life activities of an individual, (2) the individual has a record of such an impairment, or (3) the individual is regarded as having such an impairment as defined in Section 35.108 Definitions of the ADA.

Effective Communications: the City will provide appropriate auxiliary aids and services to make sure individuals with speech, hearing, and vision disabilities can understand what is said or written in City communications and can communicate effectively with the City. The City utilizes: MN Relay 711, assisted listening devices and systems, qualified sign language interpreters, either in person or through video remote interpreting, or other services, as agreed upon by the individual and the City.

Modifications of policies, programs, or procedures: the City will make reasonable modifications to policies, programs, or procedures when the modification is necessary to ensure qualified people with disabilities have an equal opportunity to participate in the City's services, programs, or activities. The City is not required to modify policies, programs, or procedures when the modification would fundamentally alter the nature of the service, program, or activity or cause undue financial or administrative burdens.

Meeting/Event Accessibility: the City will ensure its meetings and events are accessible for people with a disability. The City will post information on all official agendas and meeting notices with contact information to request a reasonable accommodation.

Service animals: Service animals, as defined by the ADA, are permitted in all City facilities and areas.

Guidelines on how to evaluate a reasonable accommodation request: the City will review all requests for reasonable accommodations, and where the request for an accommodation is unclear, will ask the individual for additional information by engaging in an interactive process. When the City is considering different possible accommodations, the City will discuss the effectiveness of the proposed accommodations with the individual. The City will deliver the approved accommodation as soon as possible, unless extenuating circumstances apply.

The City has a designated coordinator to facilitate compliance with this policy and Federal and State laws. For information, contact:

ADA Coordinator, City of Bloomington
1800 West Old Shakopee Road
Bloomington, MN 55431-3027
952-563-8733 or MN Relay 711
accessibility@bloomingtonmn.gov
www.bloomingtonmn.gov

To request a reasonable accommodation, the City has created a Reasonable Accommodation Request Form, attached as Exhibit A.

GRIEVANCE PROCEDURE:

The City has established a grievance procedure to comply with Title II of the ADA and Section 504 of the Rehabilitation Act. 28 C.F.R. § 35.107(b). Anyone may use this procedure to file a complaint that a City program, service, or activity is not accessible to a person with a disability or the City has denied access to a program, service, or activity because of a person's disability.

A person may file a grievance against the City using the Grievance Form, attached as Exhibit B. If a person does not use the Grievance Form, the person should file a grievance in writing. The person should include the following information in the grievance:

- The name, address, and contact information of the person filing the grievance;
- The name, address, and contact information of the person with the grievance, if other than the person filing the grievance;
- A description of the grievance, including the location, date, and remedy sought; and
- Whether the person has filed the grievance with any other federal or state civil rights agency or court.

The City will make alternative ways to file a complaint available to you as a reasonable accommodation request when necessary.

Please submit the Grievance Form as soon as possible, preferably within 30 calendar days of the alleged violation to:

Online form at www.blm.mn; keyword: Grievance
Or to:

ADA Coordinator
City of Bloomington
1800 West Old Shakopee Road
Bloomington, MN 55431
952-563-8733 or MN Relay 711
accessibility@BloomingtonMN.gov

Within 5 business days after the City receives the Grievance Form, the City's ADA Coordinator will contact you to discuss your complaint and possible resolutions. After this discussion, the ADA Coordinator will investigate your complaint and provide a written response and possible resolutions to you within an additional 5 business days. If the City does not have sufficient information after the initial discussion, the ADA Coordinator will provide a written response explaining what additional information the City need, as well as an estimate of the time it will take for the City to provide a substantive written response to you. The City will then provide you with a substantive written response that will explain the City's position and offers options for a substantive resolution.

If the City's response does not resolve the issue, you may appeal the decision within 25 calendar days after the City mailed, emailed, or faxed its response to you. The City Manager or designee will hear your appeal. You must mail or hand deliver your appeal to:

City Manager
1800 West Old Shakopee Road
Bloomington, MN 55431
citymanager@bloomingtonmn.gov

Within 10 business days after the City Manager or designee receives your appeal, the City Manager or designee will contact you to discuss the appeal and possible resolutions. Within 10 business days after the City Manager or designee contacts you, the City will respond in writing with a final written response to your complaint. If you are not satisfied with City's handling of the complaint at any point, you may file a complaint with the U.S. Department of Justice or other appropriate state or local agency.

Resolutions of grievances are based on the unique facts and circumstances of the situation and does not create any precedent that would bind the City's actions in the future.

The City will retain all reasonable accommodation requests, written complaints, appeals to the City Manager, and responses according to the City's records retention policy and schedule.

THIS POLICY APPLIES TO:

All individuals seeking access to City services, programs, or activities.

DocuSigned by:
James D. Verbrugge
46BAC1F15829468...
James D. Verbrugge, City Manager

January 20, 2021
Effective Date

Exhibit A

REASONABLE ACCOMMODATION REQUEST FORM FOR MEMBERS OF THE PUBLIC

Please complete this form to request a reasonable accommodation to access the City of Bloomington’s services, programs, or activities. Within 10 business days of the City’s receipt of this form, the ADA Coordinator and appropriate staff will review your request. During the evaluation process, the City may follow-up with you and engage in an interactive process to gather additional information about your reasonable accommodation request and to determine what will allow you access to the City’s services, programs, or activities.

ACTIVITY

Description of desired service, program, or activity: _____

City Department/Division involved, if known: _____

Date(s) access needed: _____

The City requests a minimum of 10 business days lead time. If you need assistance sooner, please call the City’s Outreach and Engagement Division at 952-563-8733.

REQUESTED REASONABLE ACCOMMODATION:

What action(s) would you like the City to take to assist you: _____

(DO NOT PROVIDE ANY INFORMATION THAT IS NOT RELATED TO YOUR REQUEST FOR REASONABLE ACCOMMODATION. DO NOT PROVIDE COPIES OF MEDICAL RECORDS. Please note the City is not required to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden on the City.)

PERSON NEEDING REASONABLE ACCOMMODATION

Name _____

Address _____

City _____

State _____ Zip _____

Telephone _____ Type _____

Second Phone _____ Type _____

Email _____

PERSON MAKING REASONABLE ACCOMMODATION REQUEST (if different from person needing reasonable accommodation)

Name _____

Address _____

City _____

State _____ Zip _____

Telephone _____ Type _____

Second Phone _____ Type _____

Email _____

Same as person needing a reasonable accommodation

I understand that the City of Bloomington will use information I provide on this form to process my request for a reasonable accommodation. Some of the requested information may be public or private data and may be available to me and City employees who need to have this information to perform their duties. I understand my private data will not be available to the public. The City may also share private data as required by law. Minors have the right to request the City deny parental access to their private data. I understand that I am not legally required to provide this information, but if I do not provide it, the City may not be able to process my request for a reasonable accommodation.

Signature

Date

Print Name

Exhibit B

REASONABLE ACCOMMODATION GRIEVANCE FORM FOR MEMBERS OF THE PUBLIC

Please complete this form to file a complaint that a City program, service, or activity is not accessible to a person with a disability, or that the City has denied access to a program, service, or activity because of a person's disability.

PERSON MAKING THE COMPLAINT

Name _____

Address _____

Apartment No. _____

City _____

State _____ Zip _____

Telephone _____ Type _____

Second Phone _____ Type _____

Email _____

PERSON NEEDING A REASONABLE ACCOMMODATION OR BEING DENIED ACCESS TO A CITY PROGRAM, SERVICE, OR ACTIVITY (other than person making the complaint)

Name _____

Address _____

Apartment No. _____

City _____

State _____ Zip _____

Telephone _____ Type _____

Second Phone _____ Type _____

Email _____

ALLEGED VIOLATION

City Department/Division involved, if known _____

Date(s) of occurrence _____

Requested action of the City to correct alleged violation _____

Have you filed the complaint another federal, state, or local civil rights agency or court? Yes No

Name of Agency: _____ Date Filed: _____

Additional Comments _____

I understand that the City of Bloomington will use information I provide on this form to process my complaint. Some of the requested information may be public or private data and may be available to me and City employees who need to have this information to perform their duties. I understand my private data will not be available to the public. The City may also share private data as required by law. Minors have the right to request the City deny parental access to their private data. I understand that I am not legally required to provide this information, but if I do not provide it, the City may not be able to process my complaint.

Signature

Date

Appendix E – Public Outreach

Letters were sent to:

State Council on Disability
MnDOT
Hennepin County Public Works
Normandale Community College
St. Michael's Lutheran Church
Penelope 35
Pacer Center
Paralyzed Veterans of America – Minnesota Chapter

No responses were received except from Hennepin County, whose response is attached.

Bloomington Human Rights Commission Meeting Minutes June 15, 2015.

Bloomington's Farmer's Market E-mail blast for October 1, 2016.

Let's Talk Bloomington – ADA Transition Plan for Public Rights-of-Way Update Page went live in January 2022.

APPROVED MINUTES

Human Rights Commission

Monday, June 15, 2015

5:30 PM

McLeod Conference Room
1800 West Old Shakopee Road

I. PROCEDURAL MATTERS – 5:30 P.M.

- 1.1 **Call to Order and Roll Call** Present: Whitney Batterson, John Doble (arrive 5:34 p.m.), Sheila Fishman, Dennis Kane, Jessica Kietzman, Daniela Kunkel, Jared Leese (arrive 5:37 p.m.), Ibrahim Yusuf

Absent: Johnathon McClellan

Staff: Lorinda Pearson, Manager and Staff Liaison, Human Services Division
Alison Warren, Office Support Specialist, Parks & Rec Division

Guests: Julie Long, City Engineer, City of Bloomington

Chair D. Kane called the meeting to order at 5:30 p.m. A quorum was present.

- 1.2 **Approval of Minutes** M/Batterson, S/Fishman unanimously carried to approve the minutes of the May 18, 2015 meeting.

- 1.3 **Adoption of Agenda** M/Fishman, S/Kietzman unanimously carried to approve the agenda as presented.

- 1.4 **Announcements** Human Rights Campaign Foundation
A letter received by Mayor Winstead was included in your packet. The City has been selected to participate in the Human Rights Campaign Foundation 2015 Municipal Index for laws in relation to the LGBT community. Bloomington was selected because it was one of the top five largest cities in Minnesota. They will send a draft of the scorecard for review this summer. Any challenges or questions can be presented and sent back to the Foundation.

II. PROGRAM – 5:35 P.M.

- 2.1 **Americans with Disabilities Act Transition Plan for Public Right of Way** Julie Long presented regarding the Americans with Disabilities Act Transition Plan for the Public Rights of Way which include but are not limited to sidewalks and pedestrian signals. A draft has been completed and the City is looking for comments and suggestions. The plan has three main sections: an outline of the laws and guidelines, an inventory of accessible devices in the right of way and an explanation of what triggers an ADA update. The final product is expected to be entered in the GIS system and produced on the City's website for public use.

Kane questioned the process of how community complaints or accommodation requests are handled. Fishman inquired about the Audible Pedestrian Signal and her support for the installation. Long shared that audible pedestrian signals can be controversial and are disagreed upon between the different organizations for the blind. She also mentioned the criteria for installation.

Pearson asked about the time line for the plan. City Council study meeting in August, neighborhood meeting in September and back to council in October or November for adoption

Leese inquired about the process for grievances. Long stated that the policy

has not changed since it was put in place in 1992. The process starts by the filing of the complaint, then the complaint is investigated by City staff. If an appeal is required it would come to the Human Rights Commission. Long stated that one to two requests are filed each year regarding the Right of Way. Most accommodations are reasonable and are fixed. It was also noted that any new construction project completed by the City is required to be ADA compliant. Any request not able to be accomodated is noted.

It was stated by Kane that any complaints or questions can be directed to Tracy Smith, Human Services Administrative Coordinator, or Julie Long regarding ADA Transitions in the Right of Way. Long requested that any comments about the plan be directed towards her in email.

III. CONTINUING BUSINESS – 6:15 P.M.

3.1 2015 Work Plan

- Public Relations
 - Re-cap Diversity Day Activities
 - Olson Middle School

- National Night Out

- Digital On-line Resources

- Equality
 - 25th Anniversary of ADA events
 - Approve Proclamation
 - Volunteer
 - Community Event
 - Volunteers
 - Re-cap Proclamation, "Lesbian, Gay, Bisexual and

Staff and Kietzman attended the Diversity Day at Olson Middle School on May 22, 2015 and handed out Dred Scott bracelets. Kietzman stated that for future events they would like to get more involved by providing interactive activities.

Kane stated that registration started one week ago to register captains for National Night Out on August 4, 2015. He stated the Human Rights Commission would like to reach the groups through members of the Commission on that night. If you are available, Kane would like you to attend as many of the neighborhoods as possible. Block Captains state on their forms whether or not they would accept visitors at their Block night party. A list of neighborhoods accepting visitors will be provided to Commissioners.

Kane, Yusuf and Leese stated their desire to participate. Batterson stated she needs to check her work schedule.

Batterson shared information regarding digital online resources. Batterson met with Tracy Smith and Maggie Sasse from Human Services about the ability to create an interactive chart online with information about specific Human Rights topics available in PDF and also provide more links, phone numbers or resources to learn more. Batterson also suggested that this information be available in print to bring to events. This project would require the production of new informational documents with a new design as well as contacting different agencies to inquire if they are willing to be resources.

Persons from the ADA Committee will be accepting the Proclamation at the City Council meeting on July 6th.
M/Doble , S/Kietzman unanimously carried to approve the Proclamation for the 25th Anniversary of the Americans with Disabilities Act.

This event is hosted by the Human Rights Commission. A documentary will be presented and then a panel will commence with members from the community attending and participating. Kane stated that the list of panel members is coming together nicely. Volunteers are needed for the event. A sign-up sheet was passed around to the Commissioners.

Kane recapped the proclamation for Lesbian, Gay, Bisexual and Transgender Pride Month. He mentioned the large crowd due to the discussion regarding garbage collection. Pearson stated that applause filled

- Transgender Pride Month
 - Public Comment

the Council Chambers after the Proclamation was accepted.

Kane discussed a situation with a visitor wanting to comment on the acceptance of the proclamation at the last Human Right Commission meeting. He stated that Robert's Rules and the bylaws were followed when addressing this situation.

- Cultural Competence
 - Re-cap "Transfer of Memory" Exhibit
 - Community Event

Evaluations were provided to Commissioners regarding the "Transfer of Memory" exhibit. Kane stated the evaluations are very favorable. Leese stated he felt as though the event brought together a wide variety of people. He also mentioned that many of the comments were in favor of the set up of the actual exhibit. Leese stated many positive comments were received at the conclusion of the events. He suggested that in the future School Districts and other communities could be included. Fishman also commented on Frank's great speaking abilities. Batterson attended the start of the event and noted that the event was very busy. Kietzman commented the dialogue was very moving, powerful and interesting. Fishman agreed and shared her favorite moment of the speaker with the Commission. Leese commented on the interview style of the presentation. He stated that the style provided a lot more involvement with the audience.

- Heritage Days

Heritage Days is September 19, 2015. Kane provided an update stating the event has moved to Nativity of Mary Church. He stated the change of location should not affect the selection of entertainers. Batterson inquired about why the location as changed. Fishman inquired as to why the event is not held on the Civic Plaza grounds. Pearson stated that parking can be a big issue at any location, especially at Civic Plaza. Kane shared his enthusiasm for the event and it's growth.

A meeting has been set up regarding the selection committee for the entertainment at the Heritage Days. The top five recommended performance groups were provided on a hand out to the Commissioners. Leese stated that all of the groups were available for the date. He also stated that he understood that the top three were to be selected by the Commission from the recommended five.

Fishman stated when coming up with the top five, they were conscious of the Bloomington Heritage. She also shared her desire to possibly have something from the Native American community in the future.

M/Leese, S/Doble carried to unanimously accept the recommendation of multicultural performance groups for Heritage Day as presented.

Batterson inquired about the past year and if there is any overlap as far as type of performances. Fishman stated that the most popular performances in the past included crowd involvement.

- Leadership
 - Re-cap PACER'S Unity Awards

Kane shared the award that was given to the Human Rights Commission at PACER's Unity Awards. The program from the event was also given to all of the Commissioners. Kietzman shared her experience at the event. Many different awards were presented during a ceremony to people from across the country. Videos were also shared. Kietzman shared she thought the crowd was not as large as she thought it should be. She stated her desire for the event to grow larger in the coming years. Pearson stated the emcee for the event did a great job. Kane also shared his desire for the event to grow. Leese stated he would like to do a better job of including the local schools and be sure to invite them in the future.

- Team Building

Kane stated in the Work Plan there is a notation regarding team building. This was put on hold until the Commission was full. Kane identified five

categories as to what a team means: accountability, conflict resolution, commitment, trust and results. Kane encouraged growth and development of each individual and stated that team building may be a part of that. The stronger the team, the better the results that can come of the Commission.

Fishman stated she has been involved in team building before and shared her feelings of success. She also stated sharing goals would make it easier to work together. Doble shared his desire for a less formal exercise such as a dinner. Kietzman would like some sort of structure to bring the Commission closer together. She stated that by strengthening the relationship it could allow the Commission to grow in all of the five categories. Batterson suggested someone to facilitate discussion. Leese stated his desire to focus on the results category.

Batterson shared she would like to have the team building exercise be outside of a regular meeting and a little more casual. The event would need to be public per the bylaws.

Leese inquired about the ability to utilize times after the regular scheduled meetings. Kane stated that because of the Council meetings, official meetings must be concluded by 7 p.m.

Kane inquired about the Commission’s desire for the executive committee to research the topic more and provide concrete options. Leese suggested the executive committee provide some options and narrow down the style of meeting and some sort of a goal for the gathering.

M/Leese, S/Kunkel, carried to unanimously recommend that the executive committee return to the Commission with at least two options for the structure and goal of a team building activity.

- Omar Bonderud Award
- Approve Timeline
- Committee Members

M/Kietzman, S/Kunkel carried to unanimously approve the 2015 Omar Bonderud Award Application timeline as presented.

Currently on the committee are Batterson, Fishman and Kane. Kietzman and Kunkel are interested in participating

IV. NEW BUSINESS – 6:45 P.M.

- 5.1 Exhibition, Asian Pacific Legal Experience in America, US District Court**

Kane attended the exhibit at the US District Court. It has been approved to have the exhibit in May of 2016. This will be included in the 2016 Work Plan.

VI. FINAL COMMENTS

There were no final comments.

VII. ADJOURNMENT – 7:00 P.M.

M/Fishman, S/Batterson to unanimously carried to adjourn the meeting at 7:00 p.m.

Long, Julie

From: Jason R Pieper <Jason.Pieper@hennepin.us>
Sent: Wednesday, May 27, 2015 7:50 AM
To: Long, Julie
Subject: Bloomington ADA Transition Plan Comments

Good morning Julie,

I just wanted to share a couple of comments regarding the City's ADA Transition Plan that was sent to our office recently:

- In the "Procedure for the Installation of Accessible Pedestrian Signals to Signalized Intersections" section, I did not see a statement regarding instances where the city would choose not to install APS. In situations where there is a 3-legged intersection or an intersection with heavy left-turn movements from certain approaches, the county has chosen not to install APS in all quadrants. Instead - APS, crosswalks, countdown timers, etc. are installed along that legs that experience the fewest number of conflicts based on recent turning movement counts. This mainly occur at signalized intersections near freeways where a dominant traffic pattern is apparent
- I liked the "Triggers to ADA Upgrade Table" – I think it will be easy for external stakeholders to review and understand

One final thought – Recently, MnDOT has begun contacting me 1-2 years prior to some of their construction projects to discuss what ADA elements should be incorporated with the project. I have found it extremely valuable to manage an ADA database in GIS (especially for pedestrian ramps) to use as a tool for discussions with the various MnDOT Project Managers. It has provided me with a means to answer some questions about each ped ramp – when it was replaced, but what agency, and if there is a compliance checklist filled out for it. Below is a link to county's ADA interactive map that contains some of this information – Please note that the ped ramps cannot be viewed until you have zoomed in to a certain extent. However, this data is a pain to manage/update because there are so many pedestrian elements and they are CONSTANTLY changing through projects!

<http://www.hennepin.us/residents/transportation/ada-transition-plan>

I hope all is well at the city,

Jason Pieper, EIT
Transportation Engineer

Office: 612-596-0241
Cell: 651-357-8037
Email: Jason.Pieper@hennepin.us

Hennepin County Public Works
1600 Prairie Drive
Medina, MN 55340-3410

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ADA Public Rights-of-Way Transition Plan Update



What is the ADA Public Rights-of-Way Transition Plan?

In accordance with the Americans with Disabilities Act of 1990 (ADA), the City of Bloomington is conducting a self-evaluation to determine if the City's services, policies and practices affecting the public rights-of-way comply with federal and state regulations. This specific [ADA Transition Plan](#) is both the process and the product of the Bloomington Public Works Department's self-evaluation.

A public agency must prepare an ADA Transition Plan if any city facilities require physical or structural modifications to provide individuals with disabilities access to programs or services. This specific ADA Transition Plan catalogs existing barriers to accessibility in the public rights-of-way found through the self-evaluation, and prepares a removal schedule for each barrier.

The overall goal for an ADA transition plan is to provide access to all. As such, the City has developed a plan to make roads, sidewalks and trails more accessible, as outlined by the Americans with Disabilities Act (ADA). The transition plan provides a better understanding of the Bloomington assets in the rights-of-way. It includes items from pedestrian ramps with truncated domes to audible pedestrian signals and even obstructions like power poles in the sidewalk.



ADA Rights-of-Way Transition Plan



Providing Access To All

City of Bloomington has developed a draft plan to make roads, sidewalks, and trails more accessible as outlined by the Americans with Disabilities Act (ADA)

What is Rights-Of-Way:
The area including pedestrian ramps with truncated domes and sidewalks which can be obstructed by power poles, hydrants, and street signs that are in, or next to, the sidewalk

The Transition Plan reviews and develops the City's policies, practices, and programs involving upgrades to public rights-of-way

Think this doesn't apply to you? Think again.

70%-80% of the population will experience a disability that restricts mobility at least once in their lifetime

Ever broken a leg, had knee surgery, or otherwise been hampered with your mobility? If so, then this plan applies to you!

The City of Bloomington

Accessible Pedestrian Signal (APS) an integrated device that communicates information about the WALK and DON'T WALK intervals at signalized intersections in non-visual formats.

2020
In the City of Bloomington there are 73 traffic signal locations and 11 of them currently have APS (8 additional APS installed since 2016)

Accessible Pedestrian Ramp Improvements

Year	New	Repair & Replace
2016	185	36
2017	122	26
2018	110	15
2019	127	4
*2020	114	0

Annual Sidewalk Trip Hazard Maintenance

The City of Bloomington does not discriminate against or deny the benefits of its services, programs, or activities to a qualified person because of a disability. To make a request for a reasonable accommodation, ask for more information, or to file a complaint, contact the Community Outreach and Engagement Division, City of Bloomington, 1800 West Old Shakopee Road, Bloomington, MN 55431-3027, 952-563-8733, MN Relay 711.

The Bloomington City Council approved the Bloomington ADA Public Rights-of-Way Transition Plan at the November 7, 2016 Council meeting and it can be found on the City of Bloomington website at <https://www.bloomingtonmn.gov/eng/ada-transition-plan-public-rights-way>, along with other ADA information.

2022 Update

The Bloomington ADA Public Rights-of-Way Transition Plan is a living document and receives routine updates. It is noted in the plan that the main body of the document will be updated every five years after publication with the appendices being updated periodically. City staff is in the process of updating the language in the document, including self-evaluation and infrastructure items that have been completed since plan inception in 2016, while also updating outdated text.

What is ADA Compliance?



Certain criteria have to be met for complete compliance. Here are a few examples:

Fully Compliant

Non-Compliant

Current Ped Ramp Compliance (2021)

Category	Percentage
Yes	45%
No	48%
N/A	7%

Total Ped Ramp Inspections within the city

Category	Count
Collected	343
Remaining	4329

The City of Bloomington does not discriminate against or deny the benefits of its services, programs, or activities to a qualified person because of a disability. To make a request for a reasonable accommodation, ask for more information, or to file a complaint, contact the Community Outreach and Engagement Division, City of Bloomington, 1803 West Old Shakopee Road, Bloomington, MN 55431-3022; 952-563-8733, MN Relay 711.

The draft of the updated ADA Transition Plan document that is currently under review and can be found under the documents area on this page. If you have any comments or suggestions on the updated document, please feel free to reach out to Bob Simons or Tracy Smith. The review period for the document will end February 4, 2022. Comments can be submitted below.

Next Steps

- Early February 2022 - Complete review process of the updated ADA Transition Plan
- February 2022 – City Council approval of the updated ADA Transition Plan



Appendix G – Glossary of Terms

ABA: See Architectural Barriers Act.

ADA: See Americans with Disabilities Act.

ADA Transition Plan: Mn/DOT's transportation system plan that identifies accessibility needs, the process to fully integrate accessibility improvements into the Statewide Transportation Improvement Program (STIP), and ensures all transportation facilities, services, programs, and activities are accessible to all individuals.

ADAAG: See Americans with Disabilities Act Accessibility Guidelines.

Accessible: A facility that provides access to people with disabilities using the design requirements of the ADA.

Accessible Pedestrian Signal (APS): A device that communicates information about the WALK phase in audible and/or vibrotactile formats.

Alteration: A change to a facility in the public rights-of-way that affects or could affect access, circulation, or use. An alteration must not decrease or have the effect of decreasing the accessibility of a facility or an accessible connection to an adjacent building or site.

Americans with Disabilities Act (ADA): The Americans with Disabilities Act; Civil rights legislation passed in 1990 and effective July 1992. The ADA sets design guidelines for accessibility to public facilities, including sidewalks and trails, by individuals with disabilities.

Americans with Disabilities Act Accessibility Guidelines (ADAAG): contains scoping and technical requirements for accessibility to buildings and public facilities by individuals with disabilities under the Americans with Disabilities Act (ADA) of 1990.

APS: See Accessible Pedestrian Signal.

Architectural Barriers Act (ABA): Federal law that requires facilities designed, built, altered or leased with Federal funds to be accessible. The Architectural Barriers Act marks one of the first efforts to ensure access to the built environment.

Capital Improvement Program (CIP): The CIP for the City includes an annual capital budget and a five-year plan for funding the new construction and reconstruction projects on the City's transportation system.

Detectable Warning: A surface feature of truncated domes, built in or applied to the walking surface to indicate an upcoming change from pedestrian to vehicular way.

DOJ: See United States Department of Justice

Federal Highway Administration (FHWA): A branch of the US Department of Transportation that administers the federal-aid Highway Program, providing financial assistance to states to construct and improve highways, urban and rural roads, and bridges.

FHWA: See Federal Highway Administration

Half Section: A nominal unit of measure of area used as part of the Public Land Survey System, equivalent to half of a square mile or 320 acres. It is a method of assigning a grid system to identify City infrastructure like manholes and pedestrian ramps

MnDOT: The Minnesota Department of Transportation that administers the state-aid program, providing financial assistance to counties and cities to construct and improve highways, urban and rural roads and bridges

Pedestrian Access Route (PAR): A continuous and unobstructed walkway within a pedestrian circulation path that provides accessibility.

Pedestrian Circulation Route (PCR): A prepared exterior or interior way of passage provided for pedestrian travel.

PROWAG: An acronym for the *Guidelines for Accessible Public Rights-of-Way* issued in 2005 by the U. S. Access Board. This guidance addresses roadway design practices, slope, and terrain related to pedestrian access to walkways and streets, including crosswalks, curb ramps, street furnishings, pedestrian signals, parking, and other components of public rights-of-way.

Rights-of-Way: A general term denoting land, property, or interest therein, usually in a strip, acquired for the network of streets, sidewalks, and trails creating public pedestrian access within a public entity's jurisdictional limits.

Section 504: The section of the Rehabilitation Act that prohibits discrimination by any program or activity conducted by the federal government.

Uniform Accessibility Standards (UFAS): Accessibility standards that all federal agencies are required to meet; includes scoping and technical specifications.

United States Access Board: An independent federal agency that develops and maintains design criteria for buildings and other improvements, transit vehicles, telecommunications equipment, and electronic and information technology. It also enforces accessibility standards that cover federally funded facilities.

United States Department of Justice (DOJ): The United States Department of Justice (often referred to as the Justice Department or DOJ), is the United States federal executive department responsible for the enforcement of the law and administration of justice.