Section A4

Transportation Appendix

A4.1 Locations of Planned Improvements and Forecast Needs

City of Bloomington, Minnesota

Appendix Reference Number	
A-01	**Normandale Blvd.(CSAH 34): American Blvd. (Bridge) to the 8600 block of Normandale Blvd.** – Construct additional left and right turn lanes at Normandale Blvd. (CSAH 34) and 84th St. and non-motorized grade-separated crossing over Normandale Blvd (CSAH 34) South of 84th St.
A-02	**Normandale Blvd. (CSAH 34): 8600 Block to 9200 Block of Normandale Blvd.** – Construct left turn lanes and medians.
A-03	**Normandale Boulevard (CSAH 34) and Poplar Bridge Rd.** – Extend southbound left turn and construct right turn lane.
A-04	**W. 78th St.: US 169 to 7000 Block of W. 78th St.** – Construct left turn lanes.
A-05	**American Blvd.: Norman Center Dr. to Green Valley Dr.** – Construct left turn lanes, traffic signals, right turn lanes, and medians.
A-06	**American Blvd.: 82nd St. to France Ave. (CSAH 17)** – Construct left turn lanes, right turn lanes, medians, and traffic signals.
A-07	**Old Shakopee Rd. (CSAH 1): Rich Ave. to Kell Ave.** – Construct left turn lanes, right turn lanes, and medians.
A-08	**Old Shakopee Rd. (CSAH 1): 98th St. to Grand Ave.** – Construct additional east-west through lanes, right turn lanes, and medians.
A-09	**98th St. and Penn Ave. (CSAH 32)** – Construct left turn lanes, right turn lanes, and medians.
A-10	**Old Shakopee Rd. (CSAH 1) and Nicollet Ave. (CSAH 52)** – Construct southbound right turn lane.
A-11	**82nd St.: I-35W to Lyndale Ave.** – Construct left turn lanes, right turn lanes, and medians.
A-12	**90th St. and Portland Ave. (CSAH 35)** – Construct left turn lanes or roundabout.
A-13	**86th St. and Portland Ave. (CSAH 35)** – Construct left turn lanes or roundabout.
A-14	**Nord Ave. – 81st St. to 78th St.** – Construct a grade-separated crossing over I-494 along the alignment of Nord Avenue. Includes a connection from American Blvd. via Oxborough Ave. and 81st St., and a new alignment of 78th St. from 78th Street Cir. to Computer Ave.
A-15	**Old Shakopee Rd. / 24th Ave. (CSAH 1) and Killebrew Dr.** – Extend eastbound and westbound left turn lanes.

Appendix Reference Number	
A-16	**24th Ave. (CSAH 1) and American Blvd.** – Construct additional southbound, eastbound and westbound right turn lanes; extend both southbound right turn lanes to I-494; extend eastbound and westbound left turn lanes; and extend outside southbound left turn lane.
A-17	**24th Ave. (CSAH 1) and 82nd St.** – Convert existing southbound through/right lane to right turn only.
A-18	**American Blvd. and 34th Ave.** – Construct southbound and westbound dual right turn lanes.
A-19	**American Blvd.: 34th Ave. to 30th Ave.** – Convert to one way westbound.
A-20	**American Blvd and Metro Dr (east)** – Construct westbound left turn lane.
A-21	**American Blvd. and 30th Ave**. – Install traffic signal and convert to two eastbound right turn lanes, two westbound left turn lanes, and two northbound left turn lanes.
A-22	**American Blvd. and 28th Ave.** – Construct eastbound right turn lane, extend northbound left turn lane, convert northbound through lane to left turn lane, and modify traffic signal.
A-23	**Old Shakopee Rd. (CSAH 1): Cedar Ave. to Killebrew Dr.** – Reconstruct with 3 through lanes in each direction, left turn lanes and median.
A-24	**82nd St. – I-35W to Penn Ave. (CSAH 32)** – Construct left turn lanes, right turn lanes, and medians.
A-25	**Penn Ave. (CSAH 32) and American Blvd.** – Construct left turn lane and right turn lane.
A-26	**Old Shakopee Rd. (CSAH 1) and Xerxes Ave.** – Construct left turn lanes and medians.
A-27	**France Ave. (CSAH 17) and 84th St.** – Construct left turn lanes.
B-01	**East Bush Lake Rd. (CSAH 28): 84th St. to 106th St.** – Construct left turn lanes, separated right turn lanes, and medians.
B-02	**Stanley Ave.: American Blvd. to 82nd St.** – Construct roadway with left turn lanes, right turn lanes, and medians.
B-03	**84th St. and Xerxes Ave.** – Construct permanent traffic signal (metal signal poles and mast arms) to replace temporary (span wire and wood pole).
B-04	**95th St. and Nicollet Ave. (CSAH 52)** – Construct left turn lanes, right turn lanes, and medians.
B-05	**90th St. and Nicollet Ave. (CSAH 52)** – Construct left turn lanes.
B-06	**86th St. and Nicollet Ave. (CSAH 52)** – Construct left turn lanes and bikeway/walkways.
B-07	**28th Ave. and 82nd St.** – Convert eastbound through lane to additional left turn lane and convert eastbound right turn lane to through and right turn lane.
B-08	**33rd Ave. and Old Shakopee Rd.** – Install traffic signal.
B-09	**31st Ave. and Old Shakopee Rd.** – Extend eastbound left turn lane.

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B-10	**30th Ave. and Old Shakopee Rd.** – Construct two eastbound left turn lanes, two southbound left turn lanes, two southbound right turn lanes and traffic signal.
B-11	**28th Ave. and Old Shakopee Rd.** – Construct two northbound left turn lanes, two northbound through lanes, two northbound right turn lanes, additional southbound left turn lane, additional southbound right turn lane and eastbound right turn lane.
B-12	**Old Shakopee Rd.: 28th Ave. to 30th Ave.** – Construct medians and left and right turn lanes.
B-13	**30th Ave.: American Blvd. to Old Shakopee Rd.** – Construct two lanes in each direction with left turn lanes.
B-14	**28th Ave.: American Blvd. to 82nd St.** – Construct additional southbound lane.
N-01	**Non-Motorized Grade-Separated Pathway of Killebrew Dr. at 22nd Ave.** – Construct a non-motorized overpass.
N-02	**Non-Motorized Crossing of Long Meadow Lake at Old Cedar Ave.** – Remove existing bridge and construct a non-motorized crossing of Long Meadow Lake.
N-03	**Minnesota River Trail** – Construct destination trail from Bloomington Ferry Road to I-494 along Minnesota River.
N-04	**Hyland Trail** – Construct destination trail from Bloomington Ferry Road Bridge (Minnesota River Trail) to Hyland Park.
N-05	**American Boulevard Pedestrian-Way** – Construct remainder of pedestrian-way along American Blvd.
N-06	**France Avenue Trail** – Construct linking trail from American Blvd. pedestrian way to Old Shakopee Road.
N-07	**XCEL Trail** – Construct destination trail from American Blvd. pedestrian way to Minnesota River Trail.
N-08	**Old Shakopee Road Trail** – Construct linking trail/pedestrian-way along Old Shakopee Road from US 169 to 34th Avenue/I-494 interchange.
P-01	**I-494 and US 169** – Reconstruct interchange with directional fly-over ramps; closure of Highwood Dr. at TH169; conversion of Marth Rd. to two way traffic; grade separated (from the freeways) connections of the city roadways on the north, west and south legs of the interchange; traffic signals at the ramp intersections of local roadways and freeway ramps; and bikeway/walkways.
P-02	**I-494 and Hwy 100** – Reconstruct interchange to include directional fly-over ramps and Picture Dr. connection to westbound I-494.
P-03	**MN 77 and I-494 (southbound to eastbound)** – Reconstruct interchange to include directional fly-over ramps.
P-04	**I-35W and I-494** –Reconstruct interchange to include directional fly-over ramps.
P-05	**I-494: TH 100 to east of 24th Ave. (CSAH 1)** – Widen to four lanes in each direction, including collector distributor systems east and west of I-35W interchange.

Appendix Reference Number	
P-06	**I-35W: Minnesota River Bridge to North City Limit** – Four through lanes (including HOT lane) in each direction.
P-07	**I-494 and Lyndale Ave.** – Construct a single-point interchange.
P-08	**I-494 and Portland Ave. (CSAH 35)** – Construct a single-point interchange and remove the existing interchanges at Nicollet Ave. and 12th Ave.
P-09	**Southbound I-35W: North and South of 106th St.** –Construct realignment of the southbound I-35W off-ramp on the existing alignment of West Bloomington Freeway Rd. and the southbound I-35W on-ramp on the existing River Terrace Dr. alignment, convert to a one-way facility southbound only at a point to the north of the new alignment change through a point south of the alignment change and install traffic signal.
P-10	**I-35W and Old Shakopee Rd. (CSAH 1)** – Reconstruct interchange to include a loop ramp in the southeast quadrant and relocate the northbound I-35W off-ramp intersection with Old Shakopee Rd.
P-11	**TH 77 and Lindau Ln.** – Remove direct connection from northbound TH 77 collector-distributor roadway to Lindau Ln. and construct ingress and egress from northbound TH 77 to Lindau Ln. on roadway on MOA site.
P-12	**TH 77/I-494 and Thunderbird Rd.** – Construct ingress and egress from eastbound TH 77/I-494 collector-distributor roadway to Thunderbird Rd. Includes construction of roundabout on Thunderbird Rd. at hotel driveways.
P-13	**I-494 Collector-Distributor Roadway** – Construct collector-distributor roadway from Thunderbird Rd. to east of 34th Ave.
P-14	**I-494 and 24th Ave. (CSAH 1)** – Construct additional westbound left turn lane.
P-15	**I-494 and 34th Ave.** – Reconstruct as folded diamond interchange (to west).
P-16	**I-35W: 82nd St. to north of I-494** – Construct collector-distributor roadway.
P-17	**I-35W and 94th St.** – Reconstruct/raise bridge and associated ramp modifications.
R-01	**82nd St. and CP Rail Crossing** – Construct gates on railroad crossing signals.
R-02	**James Ave. and CP Rail Crossing** – Construct railroad crossing signals and gates.
R-03	**111th St. and CP Rail Crossing** – Construct railroad crossing signals and gates.
R-04	**Xerxes Ave. and CP Rail Crossing** – Construct railroad crossing signals and gates.
R-05	**92nd St. and CP Rail Crossing** – Construct railroad crossing signals and gates.

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R-06	**Kell Ave. and CP Rail Crossing** – Construct railroad crossing signal and gates.
R-07	**Queen Ave. and CP Rail Crossing** – Construct railroad crossing signal and gates or relocate Queen Ave. to eliminate crossing.
R-08	**Morgan Ave. and CP Rail Crossing** – Construct railroad crossing signal and gates or eliminate crossing.
R-09	**Girard Ave. and CP Rail Crossing** – Construct railroad crossing signal and gates or eliminate crossing.
R-10	**96th St. (east of Girard Ave.) and CP Rail Crossing** – Construct railroad crossing signal and gates.
T-01	**American Blvd./34th Ave. LRT Station** – Construct a LRT station in the 34th Ave. median at American Blvd. on the Hiawatha transitway.
T-02	**I-35W/82nd St. BRT Station** – Construct a BRT station near I-35W and American Blvd. on the I-35W transitway.
T-03	**I-494 Transitway** – Construct a transitway (LRT or BRT) in the I-494/American Blvd. corridor with connections to Hiawatha, Cedar, I-35W and Southwest transitways.
T-04	**I-35W/98th St. BRT Station** – Construct a BRT station near I-35W and 98th Street on the I-35W transitway.
W-01	**Airport South Area** – Install Motorist Information Signs for the Airport South Area. This area is bounded by I-494 on the north, the Minnesota River on the east and south, and Cedar Avenue (TH 77) on the west.