

## Appendix C: Long-Range Highway and Transit Capital Project List

Appendix C was developed at the request of the U.S. Department of Transportation Federal Highway and Federal Transit Administrations and consists of a list of potential major capital highway and transit projects. The projects included in this list will be planned and implemented by either the Minnesota Department of Transportation (highways) or the Metropolitan Council/Metro Transit (transit). This list does not include projects on the local highway or transit systems; those projects are identified through the local comprehensive planning process for county- and city-owned highways, and through specific facility plans for transit including the Park-and-Ride Plan and the Regional Service Improvement Plan. All known regionally significant local projects are included in Appendix B, Transportation Improvement Program, and [Appendix E](#), Additional Air Quality Information.

The 2040 Transportation Policy Plan marks the first time Appendix C is being provided. This list is intended to be changed through updates and amendments to the Transportation Policy Plan. Appendix C is not a project programming document and cannot be interpreted as a programming document. Appendix C summarizes known projects in the current revenue scenario; this is the long-range transportation planning scenario where known project costs are equal to anticipated revenues (also called the fiscally constrained plan in federal regulations). Appendix C summarizes the project's primary investment category (link to "Highway Investment Direction and Plan" and "Transit Investment Direction and Plan"), project location (called "Route"), project description, estimated cost in year of expenditure dollars, and approximate implementation timeframe.

This list is intended to be exhaustive for Highway MnPASS, Strategic Capacity Enhancements, Regional Highway Access, and Transitways only. When new projects are identified for funding in these four categories, they must be amended into the Transportation Policy Plan, this appendix, and any other applicable sections of the plan. The projects listed in the other categories are examples of the types of projects to be funded in these categories and in the timeframes identified. Some projects in these other categories may be regionally significant for air quality analysis and thus require plan amendments prior to funding and construction. For more information contact Metropolitan Council long-range transportation planning staff.

## Long-Range Highway Capital Projects 2015-2024

The Minnesota Department of Transportation provided the list of projects to be included in the Current Revenue Scenario for the 2040 Transportation Policy Plan. The list was based on work done initially for the Minnesota State Highway Investment Plan 2014-2033 (MnSHIP) published in December 2013, and updated with more current project information when it was available. Projects are assigned to timeframes: 2015-2018 (the Transportation Improvement Program adopted in 2014), 2019-2024, 2015-2024. To date, MnDOT has not identified any projects beyond 2024 to be included in the Current Revenue Scenario because all anticipated funding will be dedicated to operating, maintaining, and rebuilding the Interstate and state highway system and these kinds of projects are not identified more than eight years in advance of construction. This list is not intended to be exhaustive for all categories except MnPASS, Strategic Capacity Enhancements, and Regional Highway Access. For all other categories, the 2040 Transportation Policy Plan Highway Investment Direction and Plan anticipates funding that exceeds anticipated project costs identified here. Unallocated revenue does not apply for Regional Mobility Improvements; based on current revenue estimates, MnDOT anticipates no Highway Regional Mobility Improvements in the metropolitan area after 2024.

**Table C-1: Long-Range Highway Capital Projects 2015-2024**

| Highway Investment Category           | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | US169 | OVER US212/MN62 IN EDEN PRAIRIE/EDINA-REDECK BRIDGES 27079 AND 27080, NEW APPROACH PANELS  | \$2,320,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | I-94 NB ON RAMP OVER GLENWOOD AVE IN MPLS-REPAIR BRIDGE 27728  | \$11,385,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | AT HENNEPIN/LYNDALE TUNNEL (BRIDGE 27832) AND EB I-94 UNDER I-35W TUNNEL (BRIDGE 27834) IN MPLS-TILE REPAIR  | \$4,655,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35W | FROM 46TH ST TO I-94 IN MPLS - MANAGED LANE COMPLETION, PAVEMENT RECONSTRUCTION AND REPAIR, NOISEWALLS, TMS, DRAINAGE, LIGHTING, REPLACE BRIDGES 9731, 9733, 27842, 27843, 27867, 27868, 27869, 27870, 27871, 27872  | \$121,000,000                                 | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35W | FROM HENNEPIN AVE TO JOHNSON ST IN MINNEAPOLIS - REDECK BRIDGES 27885, 27886, 27985, 27989, 27994, GUARDRAIL   | \$2,045,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN100 | FROM 36TH ST TO CEDAR LAKE RD IN ST. LOUIS PARK - REPLACE BRIDGES 5308(27303), 5309 (NEW PED BRIDGE 27304), 5462(27305), 5598(27306), OVERLAY AND JOINT REPLACEMENT BRIDGE 27109, RECONSTRUCT MAIN LINE PAVEMENT AND INTERCHANGES, AUX LANES AND NOISE WALLS | \$62,570,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN36  | OVER LEXINGTON AVENUE IN ROSEVILLE-REPLACE BRIDGE 5723 AND APPROACHES, SIGNALS, TMS, ADA, GUARDRAIL, STORM SEWER AND PONDS   | \$13,600,000                                  | 2015-2018 |

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| Highway Investment Category           | Route | Project Description   | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN149 | OVER MISSISSIPPI RIVER IN ST PAUL - REDECK & APPROACH WORK ON BRIDGE #62090   | \$14,180,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | FROM JUST E OF DALE ST TO JUST W OF PELHAM BLVD IN ST PAUL - REPAIR BRIDGES 9379, 9381, 9452, 9457, 9663, REDECK BRIDGES 9383, 62813, 62845 AND MILL AND OVERLAY BRIDGE 9387  | \$6,685,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35E | OVER GOOSE LAKE RD AND BNSF RR IN VADNAIS HEIGHTS-REPLACE BRIDGES 9567 (NEW 62729) AND 9568 (NEW 62730) INCLUDING REPLACEMENT AND PROFILE ADJUSTMENTS OF PAVEMENT ON BOTH SIDES OF BRIDGE, GUARDRAIL, DRAINAGE, TMS | \$9,475,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35W | FROM JUST S OF I-694 IN NEW BRIGHTON TO JUST S OF RAMSEY CR E2 IN ARDEN HILLS - REPLACE BRIDGES 9570 & 9599 AND APPROACHES, GUARDRAIL, RETAINING WALL AND PONDING   | \$10,705,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35W | AT RAMSEY COUNTY RD H (T.C. ARSENAL ENTRANCE) IN ARDEN HILLS - REPLACE BRIDGE #9582 AND RAMP RECONSTRUCTION   | \$6,470,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | FROM JUST E OF DALE ST TO JUST W OF PELHAM BLVD IN ST PAUL - REPAIR BRIDGES 9379, 9381, 9452, 9457, 9663, REDECK BRIDGES 9383, 62813, 62845 AND MILL AND OVERLAY BRIDGE 9387  | \$6,685,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35W | REPAIR/REPLACE BRIDGE #02804 OVER I-35E SOUTHBOUND  | \$2,500,000                                   | 2015-2018 |

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| Highway Investment Category           | Route | Project Description   | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN62  | REPAIR/REPLACE BRIDGE #7263 FRANCE AVE OVER MN 62                                   | \$1,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN62  | REPAIR/REPLACE BRIDGE #7264 OVER VALLEY VIEW RD                                     | \$1,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN55  | REPAIR/REPLACE BRIDGE #94277 OVER BASSETT CREEK                                     | \$2,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN100 | REPAIR/REPLACE BRIDGE #9500 OVER MN 62  | \$6,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN36  | REPAIR/REPLACE BRIDGES #62853, 6277, 6276 OVER CLEVELAND AVE AND ON-RAMP FROM I-35W | \$5,200,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN 19 | ON MN 19 OVER STREAM, REPLACE BRIDGE 8844   | \$231,150                                     | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | US10  | REPLACE BRIDGE #5955 2.7 MILES WEST OF TH169 OVER ELK RIVER/LAKE ORONO              | \$8,320,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | US8   | REPAIR/REPLACE BRIDGE #82815 OVER I-35  | \$2,500,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | OVERLAY AND REHAB BRIDGE #86817 OVER WRIGHT CSAH 19 IN ALBERTVILLE                  | \$2,684,000                                   | 2019-2024 |

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|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | I-94  | OVERLAY AND REHAB BRIDGE #86818 OVER WRIGHT CSAH 19 IN ALBERTVILLE | \$2,684,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN55  | REDECK/REPAIR BRIDGE #5891 OVER CO RAILROAD EAST OF HWY 100        | \$4,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN55  | REDECK/REPAIR BRIDGE #6721 OVER UP RAILROAD EAST OF COUNTY ROAD 6  | \$1,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN62  | REDECK AND REPAIR SUBSTRUCTURE BRIDGE 27083 OVER MN 62             | \$2,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN55  | REHABILITATE RAILING ON BRIDGE 4190                                | \$3,100,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN610 | REOVERLAY BRIDGE 27239 OVER THE MISS. RIVER                        | \$1,800,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN21  | REDECK/REPAIR BRIDGES #9124 AND #9123                              | \$3,200,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US10  | REPAIR BRIDGE #82010 OVER ST CROIX RIVER                           | \$1,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN77  | REPLACE BRIDGE #9195, E 66TH STREET OVER MN 77                     | \$2,900,000                                   | 2019-2024 |

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|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | I-94  | REPAIR/REDECK BRIDGE #27945 OVER I-94                        | \$2,600,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | REPLACE BRIDGE #5983 OVER MINNESOTA RIVER (YEAR 1 OF 3)      | \$30,000,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-694 | REPAIR SUBSTRUCTURE AND REDECK BRIDGE #6580 OVER I-694       | \$3,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US169 | REPLACE BRIDGES #6890, #6891, OVER ELM CREEK                 | \$1,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35E | REDECK BRIDGE 62865 OVER JEFFERSON AVE                       | \$3,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN65  | REPAIR/REPLACE BRIDGES #6817, #9417 OVER COON CREEK          | \$1,600,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5   | REPAIR BRIDGE #10009 EAST BOUND OVER RAILROAD WEST OF MN 101 | \$2,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US169 | REPAIR/REDECK BRIDGE #27551 OVER US 169                      | \$1,600,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | REPLACE BRIDGE #5983 OVER MINNESOTA RIVER (YEAR 3 OF 3)      | \$20,000,000                                  | 2019-2024 |

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| Highway Investment Category           | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | US169 | REPLACE BRIDGE 27568 OVER NINE MILE CREEK, AND REPAIR SEVEN OTHER CORRIDOR BRIDGES | \$47,600,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN65  | REPAIR BRIDGES #9263, #9264 CSAH 10 OVER MN 65                                     | \$2,600,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN51  | REDECK/REPAIR BRIDGE #'S 9012 AND 9013 OVER TH36                                   | \$5,600,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-494 | REDECK BRIDGE #27654 CARLSON PKWY OVER I-494                                       | \$1,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN65  | REHAB BRIDGE # 2440 OVER MISSISSIPPI RIVER IN MPLS                                 | \$33,000,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN97  | REPLACE BRIDGE 02806 OVER I-35   | \$2,200,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94  | REDECK/REPAIR BRIDGE #27796 OVER I-94  | \$3,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | REPLACE BRIDGE #5983 OVER MINNESOTA RIVER (YEAR 2 OF 3)                            | \$30,000,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN100 | FROM JUST N I-494 IN EDINA TO 36TH ST IN ST LOUIS PARK-CPR AND DIAMOND GRINDING    | \$10,000,000                                  | 2015-2018 |



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| Highway Investment Category           | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN13  | FROM E OF US 169 IN SAVAGE TO JUST E OF WASHBURN AVE IN BURNSVILLE-MILL AND OVERLAY  | \$5,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | WRIGHT CO. CSAH 75 AT MONTICELLO TO THE CROW RIVER BRIDGE (EB ONLY), MILL AND OVERLAY  | \$3,960,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-494 | FROM I-394 IN MINNETONKA TO I-94/I-494/I-694 INTERCHANGE IN MAPLE GROVE - UNBONDED CONCRETE OVERLAY, CPR, RIGHT SIDE DYNAMIC SHOULDER, SIGNING, STRIPING, DRAINAGE, TMS, NOISE WALLS, REDECK AND WIDEN BRIDGES 27973, 27974, 27975, 27976, 27977, 27978, REDECK #2 | \$48,000,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN110 | JUST E I-35E IN MENDOTA HTS TO I-494 IN INVER GROVE HTS-RECLAMATION/WHITE TOPPING  | \$6,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | FROM MOUNDS BLVD IN ST PAUL TO E OF MN120 IN WOODBURY AND ON US61 FROM JUST N BURNS AVE TO W JCT MN5 IN ST PAUL- UNBONDED CONCRETE OVERLAY, REPAIR BRIDGES 62706, 62861, 62862, 62838 AND 62870, DRAINAGE, SIGNALS, LIGHTING, SIGNING, GUARDRAIL, TMS AND ADA      | \$32,520,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-94  | FROM NICOLLET AVE IN MPLS TO W SHINGLE CREEK BRIDGE 27909 IN BROOKLYN CENTER-MAJOR CPR AND DIAMOND GRINDING, DRAINAGE  | \$23,355,000                                  | 2015-2018 |

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| Highway Investment Category           | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | I-35E | FROM RAMSEY CR E IN VADNAIS HTS TO JUST S OF RAMSEY CSAH 96 IN WHITE BEAR LAKE-MILL & OVERLAY, MILL & CONCRETE UNBONDED OVERLAY, DRAINAGE, LOOP DETECTORS, GUARDRAIL, CONSTRUCT SLOPE, MILL & OVERLAY, CABLE MEDIAN BARRIER, TEMP BYPASS, & RR AGREEMENT | \$4,940,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN5   | FROM JUST E OF SCANDIA RD IN LAKETOWN TWP TO ROLLING ACRES RD/BAVARIA RD IN VICTORIA - MILL & OVERLAY, DRAINAGE, GUARDRAIL   | \$5,490,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN25  | LITTLE ROCK TO SOUTH OF GENOLA, MILL AND OVERLAY   | \$3,100,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN5   | FROM JUST E OF JCT MN25 IN CAMDEN TWP TO JUST EAST OF BIRCH ST IN WACONIA- MILL & OVERLAY, GUARDRAIL, ACCESS MANAGEMENT, DRAINAGE  | \$3,325,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | US169 | JUST NORTH OF MN62 IN EDINA TO MN55 IN GOLDEN VALLEY -CPR WITH DIAMOND GRINDING AND MILL AND OVERLAY, DRAINAGE   | \$16,515,000                                  | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN7   | MILL AND OVERLAY, EAST OF I-494 TO WEST OF LOUISIANA AVE   | \$4,500,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | MN62  | MAJOR CONCRETE PAVEMENT REPAIR, DIAMOND GRIND, AND MEDIUM MILL AND OVERLAY, BEACH ROAD TO TRACY AVE  | \$6,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | I-35  | UNBONDED CONCRETE OVERLAY, SOUTH OF 35E/W SPLIT TO US 8  | \$27,000,000                                  | 2015-2018 |

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|---------------------------------------|--------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | I-694  | MEDIUM MILL AND OVERLAY, WEST OF LEXINGTON AVE TO EAST OF RICE ST                             | \$4,000,000                                   | 2015-2018 |
| 3. Rebuild and Replace Highway Assets | US10   | RECONSTRUCTION, JOPLIN ST. TO NORFOLK AVE. IN ELK RIVER                                       | \$14,800,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94   | MEDIUM MILL AND OVERLAY, NICOLLET AVE TO MN 280   | \$8,020,213                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN25   | MEDIUM MILL AND OVERLAY, CSAH 30 TO CARVER/WRIGHT CO LINE                                     | \$4,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5    | UNBONDED OVERLAY. EAST OF JAMACA TO CSAH 15   | \$6,750,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US952A | MEDIUM MILL AND OVERLAY, MN 65 TO JCT I-35W   | \$1,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-494  | REPAIR/REPLACE BRIDGES #9217E, #9217W OVER MN RIVER   | \$5,700,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W  | UNBONDED OVERLAY, CR J TO SUNSET AVENUE   | \$13,837,303                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US10   | REPLACE BRIDGE #9700 AND REPAIR SIX ADDITIONAL BRIDGES BETWEEN MIN STREET AND EAST OF 7TH AVE | \$15,000,000                                  | 2019-2024 |

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| Highway Investment Category           | Route  | Project Description   | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|--------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN95   | MEDIUM MILL AND OVERLAY, W OF JCT TH 94 AND OLD CSAH 15 TO BAILEY ROAD            | \$2,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-494  | CONCRETE PAVEMENT REPAIR AND MEDIUM MILL AND OVERLAY FROM HARDMAN AVE TO MN RIVER | \$22,000,000                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5    | UNBONDED OVERLAY, EAST OF POST ROAD TO HENNEPIN COUNTY/RAMSEY COUNTY LINE         | \$7,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94   | THICK OVERLAY FROM MN 120 TO WISCONSIN BORDER                                     | \$34,548,030                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN120  | MEDIUM MILL AND OVERLAY, 4TH ST TO MN 244   | \$5,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5    | THIN MILL AND OVERLAY, FROM MUNSTER AVE TO US 52                                  | \$4,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94   | MAJOR CONCRETE PAVEMENT REPAIR AND DIAMOND GRIND, WESTERN AVE TO MOUNDS BLVD      | \$6,069,946                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US52   | MEDIUM MILL AND OVERLAY, NORTH OF COUNTY ROAD 86 TO CSAH 42                       | \$10,837,393                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US952A | THIN MILL AND OVERLAY, ROBERT ST FROM ANNAPOLIS TO I-35E                          | \$3,000,000                                   | 2019-2024 |

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|---------------------------------------|-------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | US52  | UNBONDED OVERLAY, GOODHUE/DAKOTA COUNTY LINE TO NORTH OF COUNTY ROAD 86 | \$8,653,433                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US212 | MEDIUM MILL AND OVERLAY, MN 5 TO CSAH 34                                | \$4,871,928                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94  | MEDIUM MILL AND OVERLAY, MN 280 TO WESTERN AVE                          | \$9,003,642                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN282 | RECLAMATION, TH 21 TO TH 13   | \$7,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN13  | RECLAMATION AND MILL AND OVERLAY, TH 282 TO EAGLE CREEK AVE             | \$5,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5   | MEDIUM MILL AND OVERLAY, JCT 120/CENTURY AVE TO EAST OF JAMACA          | \$4,250,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN284 | MEDIUM MILL AND OVERLAY, TH 212 TO SIERRA PARKWAY                       | \$2,750,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | THIN MILL AND OVERLAY, PORTLAND AVENUE TO WASHINGTON AVENUE             | \$2,274,232                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN65  | MEDIUM MILL AND OVERLAY, CSAH 10 TO 153RD AVE                           | \$12,000,000                                  | 2019-2024 |

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|---------------------------------------|-------|---|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN41  | MEDIUM MILL AND OVERLAY, HUNDERTMARK RD TO TH 5                                 | \$2,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN5   | MEDIUM MILL AND OVERLAY, SIBLEY/CARVER COUNTY LINE TO US 212                    | \$2,250,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN13  | MEDIUM MILL AND OVERLAY, TH 19 TO MN 282  | \$6,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN316 | MEDIUM MILL AND OVERLAY, NORTH OF MICHAEL AVE TO US 61                          | \$1,182,129                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US52  | MEDIUM MILL AND OVERLAY AND CONCRETE PAVEMENT REPAIR, I-494 TO LAFAYETTE BRIDGE | \$6,053,103                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN41  | SOUTH OF 2ND STREET TO CSAH 61 (OLD 212)  | \$1,353,902                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN244 | MEDIUM MILL AND OVERLAY, JCT TH 120/TH 244 TO MN 96                             | \$3,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-394 | PAINT BRIDGES IN CORRIDOR FROM US 100 TO I-94                                   | \$8,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN95  | MEDIUM MILL AND OVERLAY, I-94 TO SOUTH OF TH 36                                 | \$3,750,000                                   | 2019-2024 |

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|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | MN5   | MEDIUM MILL AND OVERLAY, US 52 TO MN 120   | \$4,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | MAJOR CONCRETE PAVEMENT REPAIR AND DIAMOND GRIND, 4TH STREET TO NEW BRIGHTON AVE | \$5,319,882                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US169 | CONCRETE PAVEMENT REPAIR AND MEDIUM MILL AND OVERLAY FROM 101ST AVE TO US 10     | \$9,119,197                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | THICK OVERLAY, NEW BRIGHTON AVE TO MN 36   | \$9,281,109                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-35W | MED/THICK MILL AND OVERLAY, I-694 TO NORTH OF COUNTY RD J                        | \$9,765,645                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN65  | WHITETOPPING, 153RD AVE TO 217TH AVE   | \$15,897,928                                  | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | US169 | REDECK/REPAIR BRIDGES #27550, #27523 OVER US 169                                 | \$2,500,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN7   | REPAIR BRIDGES #27033, #27193, #27068  | \$1,000,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | MN13  | MEDIUM MILL AND OVERLAY, TH 13 TO MN 149   | \$3,000,000                                   | 2019-2024 |

**Table C-1: Long-Range Highway Capital Projects 2015-2024**

| Highway Investment Category           | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|---------------------------------------|-------|--|---|-----------|
| 3. Rebuild and Replace Highway Assets | US61  | MEDIUM MILL AND OVERLAY, WEST OF TH 5 TO PARKWAY DRIVE   | \$2,250,000                                   | 2019-2024 |
| 3. Rebuild and Replace Highway Assets | I-94  | MANNING AVE IN WOODBURY TO ST. CROIX RIVER IN LAKELAND TWP- REPAIR, REPLACE & LINE LARGE PIPES   | \$4,560,000                                   | 2015-2018 |
|                                       |       | <b>MnDOT Subtotal for Rebuild and Replace</b>  | <b>\$1,041,548,165</b>                        |           |
| 4. Highway Safety Improvements        | US169 | BETWEEN MN 282 AND MN 21 IN JORDAN - RECONSTRUCT MAINLINE INCLUDING MEDIUM J-BARRIER AND REPLACE MEDIUM DRAINAGE STRUCTURES AND PIPES  | \$6,430,000                                   | 2015-2018 |
|                                       |       | MnDOT Subtotal for Special Safety Projects   | \$6,430,000                                   |           |
| 8. MnPASS                             | I-35E | Construct MnPASS lanes between Little Canada Road and Ramsey County Road J   | \$16,000,000                                  | 2015-2018 |
| 8. MnPASS                             | I-94  | Construct MnPASS lanes in both directions between Cedar Ave in Mpls and Marion in St. Paul   | \$100,000,000                                 | 2019-2024 |
| 8. MnPASS                             | I-35W | Construct MnPASS lanes in both directions between MN 36/280 and US 10  | \$100,000,000                                 | 2019-2024 |
|                                       |       | <b>MnDOT Subtotal for MnPASS</b>   | <b>\$216,000,000</b>                          |           |
| 9. Strategic Capacity Enhancements    | I-494 | In addition to pavement, bridge, and roadside infrastructure investments, construct one general purpose lane in each direction between Trunk Highway 55 and I-94/694, and operational improvements in other locations between I-394 and I-94/694 | \$86,000,000                                  | 2015-2018 |



**Table C-1: Long-Range Highway Capital Projects 2015-2024**

| Highway Investment Category        | Route | Project Description  | Estimated Cost to MnDOT (Year of Expenditure) | Timeframe |
|------------------------------------|-------|--|---|-----------|
| 9. Strategic Capacity Enhancements | MN610 | Construct two lanes in each direction, including connections to I-94   | \$131,000,000                                 | 2015-2018 |
| 9. Strategic Capacity Enhancements | I-694 | In addition to pavement, bridge, and roadside infrastructure investments, construct one general purpose lanes in each direction between Lexington Avenue and east of Rice Street | \$42,000,000                                  | 2015-2018 |
| 9. Strategic Capacity Enhancements | I-94  | Construct an eastbound auxiliary lane between MN241 in St. Michael and MN101 in Rogers; extend the third westbound lane from east of MN101 to MN241                              | \$46,000,000                                  | 2015-2018 |
| 9. Strategic Capacity Enhancements | I-94  | Construct and eastbound auxiliary lane between East 7th Street and Mounds Boulevard in St. Paul  | \$3,000,000                                   | 2015-2018 |
| 9. Strategic Capacity Enhancements | US10  | Construct interchange at Armstrong Boulevard, including grade-separation from railroad tracks  | \$34,400,000                                  | 2015-2018 |
| 9. Strategic Capacity Enhancements | US169 | Construct additional southbound lane in Shakopee between Scott County 69/Canterbury Road and Scott CSAH 21   | \$0 (no capital cost to MnDOT)                | 2015-2018 |
|                                    |       | <b>MnDOT Subtotal for Strategic Capacity Enhancements</b>  | <b>\$342,400,000</b>                          |           |
| 10. Regional Highway Access        | I-94  | Remove 5th Street ramp to downtown Minneapolis and replace with access to 7th Street   | \$6,790,000                                   | 2015-2018 |
| 10. Regional Highway Access        | US212 | Improve Shady Oak Road Interchange in Eden Prairie   | \$7,000,000                                   | 2015-2018 |
|                                    |       | <b>MnDOT Subtotal for Regional Highway Access</b>  | <b>\$13,790,000</b>                           |           |
|                                    |       | <b>MnDOT Total for Identified Projects 2015-2024</b>   | <b>\$1,620,168,165</b>                        |           |

## Long-Range Transit Capital Projects 2015-2024

The Metropolitan Council (including Metro Transit), Counties Transit Improvement Board, and the suburban transit providers worked together to develop the list of transit projects included in the current revenue scenario. The list of projects includes only those projects for which potential funding sources, transit mode, and route alignment are identified in the plan. The plan anticipates funding that exceeds anticipated project costs identified in the Transitway System Investments category. Transitway projects will be added to this list through future plan updates and amendments. For multi-year projects with expenditures outside the 2015-2024 timeframe, this appendix lists the total estimated project cost, including already spent funds.

Bus and Support System capital preservation and Transitway System capital preservation costs are included as broad project categories. Specific project estimates will be developed through Capital Improvement Programs for regional transit providers.

**Table C-2: Long -Range Transit Capital Projects 2015-1024**

| Transit Investment Category | Route                      | Project Description  | Estimated Cost (Year of Expenditure) | Timeframe |
|-----------------------------|----------------------------|--|--------------------------------------|-----------|
| Bus and Support System      | System-wide                | Bus and Support System capital maintenance and preservation estimates including fleet replacement and overhauls, facility capital preservation, and other capital preservation.                                  | \$964,000,000                        | 2015-2024 |
| Bus and Support System      | System-wide                | Bus and Support System modernization and expansion projects to be determined through competitive regional process approximately every two years. Transitway improvements are also eligible through this process. | \$214,000,000                        | 2015-2024 |
| Transitway System           | System-wide                | Transitway System capital maintenance and preservation estimates including fleet replacement and overhauls, facility capital preservation, rail system preservation, and other capital preservation.             | \$107,000,000                        | 2015-2024 |
| Transitway Improvements     | System-wide                | Transitway System improvements include expanded existing facilities or interim improvements to future transitways that are incremental and identified on an as-needed basis.                                     | \$144,000,000                        | 2015-2024 |
| Transitway System           | METRO Orange Line          | 16-mile highway bus rapid transit improvement (six new stations planned, buses, technology) on I-35W south from Minneapolis to Burnsville.   | \$150,000,000                        | 2015-2024 |
| Transitway System           | METRO Green Line Extension | 16-mile light rail extension of the Green Line with plans to include 16 new stations from Minneapolis to Eden Prairie.   | \$1,653,000,000                      | 2015-2024 |
| Transitway System           | METRO Blue Line Extension  | 13-mile light rail extension of the Blue Line with plans to include 11 new stations from Minneapolis to Brooklyn Park.   | \$999,000,000                        | 2015-2024 |
| Transitway System           | METRO Gold Line            | 12-mile dedicated bus rapid transit line with plans to include 11 new stations from Saint Paul to Woodbury.  | \$469,000,000                        | 2015-2024 |

**Table C-2: Long -Range Transit Capital Projects 2015-1024**

| Transit Investment Category                            | Route  | Project Description  | Estimated Cost (Year of Expenditure) | Timeframe        |
|--|--|--|--------------------------------------|------------------|
| Transitway System                                      | METRO Red Line Extension                           | 3-mile extension of the Red Line with plans to include 3 new stations from Apple Valley to Lakeville.  | \$74,000,000                         | 2015-2024        |
| Transitway System                                      | Snelling Avenue Arterial Bus Rapid Transit         | Bus rapid transit improvements in an arterial bus corridor running primarily along Snelling Avenue in Saint Paul from 46th Street Station on METRO Blue Line to Roseville.   | \$25,000,000                         | 2015-2024        |
| Transitway System                                      | Penn Avenue Arterial Bus Rapid Transit             | Bus rapid transit improvements in an arterial bus corridor running primarily along Penn Avenue and Highway 55 in Minneapolis from downtown Minneapolis to Brooklyn Center Transit Center.  | \$36,000,000                         | 2015-2024        |
| Transitway System                                      | Chicago Emerson-Fremont Arterial Bus Rapid Transit | Bus rapid transit improvements in an arterial bus corridor running primarily along Chicago/Portland Avenues, American Boulevard and Emerson and Fremont Avenues from Mall of America Transit Station in Bloomington to Brooklyn Center Transit Center. | \$77,200,000                         | 2015-2024        |
| <b>Total for Identified Transit Projects 2015-2024</b> |  |  | <b>\$4,912,200,000</b>               | <b>2015-2024</b> |

