

## **ACTION TRANSMITTAL**

**DATE:** February 15, 2013

**TO:** TAC Funding and Programming Committee

**PREPARED BY:** Heidi Schallberg, Senior Planner (651-602-1721)

**SUBJECT:** 2013-2016 TIP Amendment for the 2015-2016 Regional Solicitation Projects and Railroad-Highway Grade Crossing Safety Improvement Program Projects

**REQUESTED ACTION:** The Metropolitan Council requests a TIP amendment to add 74 projects selected for 2015-2016 from the TAB's 2011 Regional Solicitation and from MnDOT's solicitation for the Railroad-Highway Grade Crossing Safety Improvement Program.

**RECOMMENDED MOTION:** Recommend that the Transportation Advisory Board adopt an amendment to the 2013-2016 Transportation Improvement Program (TIP) to add the attached list of 74 projects with approximately \$159 million in federal funding as the 2015-2016 allocations of federal Surface Transportation Program (STP), Congestion Mitigation and Air Quality (CMAQ), Transportation Alternatives (TA), and Railroad-Highway Grade Crossing Safety Improvement Program funding and delete the related 12 placeholder projects for this funding.

**BACKGROUND AND PURPOSE OF ACTION:** At its June 21, 2012, meeting, the TAB approved projects selected from the 2011 Regional Solicitation for four federal funding programs in 2015 and 2016: Surface Transportation Program (STP), Bridge Improvement and Replacement (BIR), Transportation Enhancements (TE), and Congestion Mitigation Air Quality (CMAQ).

On June 29, 2012, the federal government passed the new transportation funding bill, Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21). The legislation introduced a number of changes to federal transportation funding programs and required extensive analysis by the Minnesota Department of Transportation (MnDOT) to understand project eligibility requirements and estimate future revenues.

Due to the delay in understanding the impacts of MAP-21, amending these selected projects into the Transportation Improvement Program (TIP) after TAB's approval was put on hold. The TAB included placeholder projects in the 2013-2016 TIP to account for the funding set asides for each program, and the air quality conformity analysis was completed based on a potential list of projects. Project sponsors were notified of TAB's decision and were directed to begin developing their projects. The TAB committed to including these projects in the TIP as long as they remained eligible under MAP-21, and the projects have been posted on the Council's web site since the June 2012 TAB

meeting. Because the revenue estimates are now available, the projects selected through the solicitation can now be amended into the TIP.

This amendment also includes the 2015-2016 allocation for the federal Railroad-Highway Grade Crossing Safety Improvement Program. MnDOT conducts a solicitation for this program, which funds rail crossing signals and signal upgrades; crossing closures and consolidations; sight condition improvements by removal of visual obstructions; and roadway geometrics or grade improvements related to rail crossings.

**RELATIONSHIP TO REGIONAL POLICY:** Federal law requires that all transportation projects that will be partially funded with federal funds must be in an approved TIP and meet the following four tests: fiscal constraint; consistency with the adopted regional transportation plan; air quality conformity; and opportunity for public input. It is the TAB's responsibility to adopt and amend the TIP according to these four requirements.

**STAFF ANALYSIS:** Two programs for which TAB made funding recommendations have changed under MAP-21, but all of the projects selected through the 2011 Regional Solicitation remain eligible for federal funding. The Bridge Improvement and Replacement program no longer exists, and the bridge projects recommended for that funding will now be funded through the Surface Transportation Program. The Transportation Enhancements program has changed to the Transportation Alternatives program, and projects selected for the Enhancements funding are now funded through Transportation Alternatives.

Projects received an inflation adjustment for both federal and local match amounts to allow for anticipated increases in construction costs, in accordance with TAB policy; projects programmed in 2015 received a 10 percent adjustment, and projects programmed in 2016 received a 12 percent adjustment.

Due to overprogramming in the STP program for 2015 and 2016, staff recommends, with agreement from project sponsors, that two projects totaling \$13.9 million in federal funds should be moved to 2017 to balance the funding. Because 2017 is beyond the scope of the 2013-2016 TIP, these two projects will be included in the draft 2014-2017 TIP that is currently being developed instead of being included in this amendment. The two projects are listed separately on the project list attachment.

In addition, because the STP program was overprogrammed by \$5 million in 2016 and to avoid deferring an additional amount from 2016 to 2017, staff proposes to program a trail project that was selected for STP funding using CMAQ funding instead. The CMAQ program has funds available, and staff has consulted with the Federal Highway Administration about the change. The Three Rivers Park District pedestrian/bicycle trail between Tracy Avenue and France Avenue in Edina (SP # 091-090-028) is shown in the CMAQ program on the attached list of projects. The project sponsor will provide documentation that the project is eligible for CMAQ funds before the TAC Funding & Programming Committee takes action on the amendment.

The TIP amendment meets fiscal constraint because the fiscally-constrained TIP currently includes set aside amounts for these funding programs. This amendment would replace these set aside projects with the actual recommended projects for 2015 and 2016. The total amounts programmed are under the amounts included in the set aside projects, but the funding amounts are sufficient for the programmed projects. The

amendment is consistent with the Transportation Policy Plan, adopted by the Metropolitan Council on November 10, 2010, with FHWA/FTA conformity determination established on February 23, 2011. The Minnesota Interagency Air Quality and Transportation Planning Committee identified 19 regionally-significant projects in this proposed amendment and determined that the other 55 projects were exempt as part of its conformity analysis, which is attached. The analysis in the attachment has resulted in a Conformity Determination that the projects included in the amended 2013-2016 TIP meet all relevant regional emissions analysis and budget tests. The 2013-2016 TIP conforms to the relevant sections of the Federal Conformity Rule and to the applicable sections of Minnesota State Implementation Plan for air quality. Public input opportunities for this amendment are provided through a 21-day comment period and the TAB's and Council's regular meetings.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Funding & Programming Committee	Review & Recommend	
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	
Metropolitan Council Transportation Committee	Concurrence	
Metropolitan Council	Concurrence	

February 15, 2013

Karl Keel, Chair  
TAC Funding and Programming Committee  
Metropolitan Council  
390 Robert Street No.  
St. Paul, Minnesota 55101

Re: Amendment to the 2013-2016 Transportation Improvement Program (TIP) for the Twin Cities Metropolitan Area

Dear Mr. Keel:

Please amend the 2013 – 2016 Transportation Improvement Program (TIP) to include the attached list of projects in Program Years 2015 and 2016.

**PROJECT BACKGROUND:**

1. Briefly describe why amendment is needed (e.g., project in previous TIP but not completed; illustrative project and funds now available; discretionary funds received; inadvertently not included in STIP).

At its June 21, 2012, meeting, the TAB approved projects selected from the 2011 Regional Solicitation for four federal funding programs in 2015 and 2016: Surface Transportation Program (STP), Bridge Improvement and Replacement (BIR), Transportation Enhancements (TE), and Congestion Mitigation Air Quality (CMAQ).

On June 29, 2012, the federal government passed the new transportation funding bill, Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21). The legislation introduced a number of changes to federal transportation funding programs and required extensive analysis by the Minnesota Department of Transportation (MnDOT) to understand project eligibility requirements and estimate future revenues.

Due to the delay in understanding the impacts of MAP-21, amending these selected projects into the Transportation Improvement Program (TIP) after TAB's approval was put on hold. The TAB included placeholder projects in the 2013-2016 TIP to account for the funding set asides for each program, and the air quality conformity analysis was completed based on a potential list of projects. Project sponsors were notified of TAB's decision and were directed to begin developing their projects. The TAB committed to including these projects in the TIP as long as they remained eligible under MAP-21, and the projects have been posted on the Council's web site since the June 2012 TAB meeting. Because the revenue estimates are now available, the projects selected through the solicitation can now be amended into the TIP.

This amendment also includes the 2015-2016 allocation for the federal Railroad-Highway Grade Crossing Safety Improvement Program. MnDOT conducts a solicitation for this program, which funds rail crossing signals and signal upgrades; crossing closures and consolidations; sight condition improvements by removal of visual obstructions; and roadway geometrics or grade improvements related to rail crossings.

2. How is Fiscal Constraint Maintained as required by 23 CFR 450.216 (check all that apply)?

- New Money \*(indicate type here) \_\_\_\_\_
- Anticipated Advance Construction \_\_\_\_\_
- ATP or MPO or Mn/DOT Adjustment of other projects \_\_\_\_\_
- Earmark or HPP federal funds outside the ATP target \_\_\_\_\_
- Other (indicate source here) \_\_\_\_\_ X

2/15/2013

\* Defined as additional funds not previously programmed in the TIP.

The TIP amendment meets fiscal constraint because the TIP currently includes set aside amounts for these funding programs. This amendment would replace these set aside projects with the actual recommended projects for 2015 and 2016. The total amounts programmed are under the amounts included in the set aside projects, but the funding amounts are sufficient for the programmed projects. A summary table is included in the attachments.

Due to overprogramming in the STP program for 2015 and 2016, two projects totaling \$13.9 million in federal funds were moved to 2017 with agreement from the project sponsors to help balance the funding. Because 2017 is beyond the scope of the current TIP, these two projects will be added in the draft 2014-2017 TIP that is currently under development instead of being included in this amendment. The two projects are listed separately on the project list attachment.

The 2014-2017 STIP guidance states that the FY 2014 to FY 2016 STP Programs are over-programmed by \$10 million in FY 2014 and \$10 million in FY 2016 and the ATPs must adjust their STP programs. MnDOT further proposed that the over-programming in FY 2014 and FY 2016 be split equally between the Metro District and the seven Greater Minnesota districts. This left FY 2014 STP over-programmed by \$5 million and FY 2016 STP over-programmed by \$5 million. After further discussions with MnDOT Metro District staff and Council/TAB staff, an agreement was reached where MnDOT Metro District would make adjustments for the FY 2014 STP over-programming and the Council/TAB would make adjustments for the \$5 million STP over-programming in FY 2016. The set aside amount for STP in 2016 was reduced by \$5.0 million due to over-programming. To avoid deferring \$5 million in STP from FY 2016 into FY 2017, staff proposes to program an STP Bikeway/Walkway project with CMAQ funds. The FY 2015-2016 CMAQ program is under-programmed by more than \$7 million and will still be fiscally balanced. Staff has consulted with FHWA on this. Staff has also identified a willing STP Bikeway/Walkway project sponsor to be programmed with CMAQ funds; SP#091-090-028 Three Rivers Park District Pedestrian/Bicycle trail between Tracy Avenue and France Ave/Edina Promenade in Edina. The project sponsor will provide documentation that the project is eligible for CMAQ funds before the TAC Funding & Programming Committee takes action on the amendment.

**CONSISTENCY WITH MPO LONG-RANGE PLAN:**

This amendment is consistent with the Metropolitan Council’s Transportation Policy Plan, adopted by the Metropolitan Council on November 10, 2010, with FHWA/FTA conformity determination established on February 23, 2011.

**AIR QUALITY CONFORMITY:**

- Subject to conformity determination .....   X
- Exempt from regional level analysis\* ..... \_\_\_\_\_
- Exempt from project level analysis\* ..... \_\_\_\_\_
- Exempt by virtue of interagency consultation\* ..... \_\_\_\_\_
- N/A (not in a nonattainment or maintenance area) ..... \_\_\_\_\_

\*Exempt Project Category # \_\_\_\_\_ See attached table and conformity analysis \_\_\_\_  
Per Section 93.126 of the Conformity Rules

The Minnesota Interagency Air Quality and Transportation Planning Committee identified 19 regionally-significant projects in this proposed amendment and determined that the other 55 projects were exempt as part of its conformity analysis, which is attached. The analysis in the attachment has resulted in a Conformity Determination that the projects included in the amended 2013-2016 TIP meet all relevant regional emissions analysis and budget tests. The 2013-2016 TIP conforms to the relevant sections of the Federal Conformity Rule and to the applicable sections of Minnesota State Implementation Plan for air quality.

2/15/2013

We are requesting approval of this TIP amendment at this time. If you have any questions, please contact me at 651-602-1728.

Sincerely,

Kevin Roggenbuck  
Transportation Coordinator

cc: Brian Isaacson, MnDOT Metro Program Management  
Cindy Krumsieg, MnDOT Metro Program Management  
Heidi Schallberg, Metropolitan Council

**2013-2016 TIP Amendment Request**

**Surface Transportation Program (STP) Projects**

TIP Amendment Action	Year	SP#	Funding	Agency	Project Description	Total \$	FHWA \$	Other \$	Air Quality Code
Add project	2015	010-610-046	STP	Carver County	Reconstruction of CSAH 10 from 0.2 miles north of CSAH 30 in Waconia Twp to TH 7 in Watertown Twp including addition of turn lanes at intersections and widening shoulders	\$4,867,500	\$3,894,000	\$973,500	S4
Add project	2015	019-642-051	STP	Dakota County	Pedestrian/Bicycle trail along the north side of CSAH 42 from Nicollet Ave to Elm Drive in Burnsville	\$3,692,233	\$2,953,786	\$738,447	AQ2
Add project	2015	195-010-011	STP	Eagan	Expansion of TH 55 to a 6-lane roadway from the TH 149 north intersection through the TH 149 south intersection including traffic signals, and construction of a multi-use trail	\$3,300,000	\$2,640,000	\$660,000	A20
Add project	2015	027-735-003	STP	Hennepin County	Replacement of Bridge #90621 on CSAH 135 (Tonkawa Rd) over the Maxwell Channel of Lake Minnetonka in Orono	\$990,000	\$792,000	\$198,000	S19
Add project	2015	189-020-023	STP	Maple Grove	Construction of roundabouts on Weaver Lake Road at Dunkirk Lane, Xene Lane, and Niagara Lane in Maple Grove	\$2,620,305	\$2,096,244	\$524,061	E1
Add project	2015	141-425-006	STP	Minneapolis	Reconstruction of southbound Hennepin/Lyndale Avenue from Dunwoody Blvd to eastbound I-94 entrance ramp and Franklin Avenue and; northbound Hennepin Avenue from Franklin Avenue to the end of the Hennepin/Lyndale common section adjacent to Loring Park as well as signal timing work and pedestrian and bicycle facilities	\$9,119,000	\$7,295,200	\$1,823,800	E3
Add project	2015	141-328-004	STP	Minneapolis	Rehabilitation of concrete arch structure of Bridge #2796 on 10th Ave SE over the Mississippi River in Minneapolis	\$9,350,000	\$3,369,300	\$5,980,700	S19
Add project	2015	062-631-015	STP	Ramsey County	Reconstruction of Bridge #62525 on Maryland Ave and approaches between L'Orient St and Jackson St in St Paul	\$935,000	\$748,000	\$187,000	S19
Add project	2015	062-642-007	STP	Ramsey County	Reconstruction of CSAH 42 (Ford Pkwy) in St Paul from west of Howell St to Snelling Avenue to include raised medians, bike lanes and turn lanes at intersections, new traffic signals and sidewalk upgrades	\$3,330,896	\$2,664,717	\$666,179	A20
Add project	2015	157-020-026	STP	Richfield	Reconstruction of CSAH 35 (Portland Avenue) from 67th Street to 77th Street in Richfield to be a 2-lane roadway with a center turn lane and including transit facilities, bike lanes and pedestrian facilities	\$5,183,545	\$4,146,836	\$1,036,709	A20
Add project	2015	238-010-003	STP	Rogers	Construction of an interchange of TH 101 and CSAH 144 in Rogers, multi-use trail and sidewalk, signals and lighting	\$20,522,127	\$7,700,000	\$12,822,127	A20
Add project	2015	160-020-025	STP	Roseville	Reconstruct the ramp terminals at I-35W and Cleveland Avenue in Roseville, including dual left turn lanes on northbound Cleveland Ave.	\$1,490,730	\$1,192,584	\$298,146	E3
Add project	2015	070-608-022	STP	Scott County	Reconstruct CSAH 8 from CSAH 91 to the Dakota County line including the addition of turn lanes at intersections and a multi-use trail to connect to an existing trail in Dakota County	\$4,730,000	\$3,784,000	\$946,000	S19
Add project	2015	070-617-024	STP	Scott County	Reconstruction of CSAH 17 from south of CSAH 78 to north of CSAH 42 as a 4-lane divided roadway and multi-use trail	\$8,470,000	\$6,776,000	\$1,694,000	A20
Add project	2015	164-158-021	STP	St Paul	Reconstruction of Bridge #92797 on Kellogg Blvd over the ravine between Wabasha St and Saint Peter St in St Paul	\$3,432,000	\$2,745,600	\$686,400	S19
Add project	2016	002-716-015	STP	Anoka County	Reconstruct CSAH 116 from two-lane undivided to a four-lane divided roadway from just east of Crane Street through Jefferson Street in the cities of Andover and Ham Lake, including separated bike/ped facility, signalized intersections and improve at-grade rail crossing.	\$11,477,760	\$7,840,000	\$3,637,760	A20
Add project	2016	002-611-034	STP	Anoka County	Reconstruction of CSAH 11 (Foley Blvd) from north of Egret Blvd to north of Northdale Blvd as a 4-lane divided roadway as well as a trail and sidewalk, ponds, traffic signals and dedicated left- and right-turn lanes	\$4,183,200	\$3,346,560	\$836,640	A20
Add project	2016	002-624-026	STP	Anoka County	Reconstruction of CSAH 24 from County Road 72 (Rum River Blvd)/Poppy Street through Kerry St in the City of St Francis including shoulder construction, access and intersection control improvements and multi-use trail	\$1,848,000	\$1,478,400	\$369,600	S19
Add project	2016	107-020-065	STP	Bloomington	Reconstruction of CSAH 34 (Normandale Blvd) from W94th St to the 8500 block of Normandale Blvd in Bloomington as a 4-lane divided roadway with left-turn lanes and multi-use trails	\$8,120,000	\$6,496,000	\$1,624,000	A20

**2013-2016 TIP Amendment Request**

<b>TIP Amendment Action</b>	<b>Year</b>	<b>SP#</b>	<b>Funding</b>	<b>Agency</b>	<b>Project Description</b>	<b>Total \$</b>	<b>FHWA \$</b>	<b>Other \$</b>	<b>Air Quality Code</b>
Add project	2016	027-681-034	STP	Hennepin County	Reconstruction of CSAH 81 from north of 63rd avenue North to north of CSAH 8 in Brooklyn Park to a multi-lane divided roadway including concrete median and with a multi-use trail	\$11,200,000	\$7,840,000	\$3,360,000	A20
Add project	2016	027-646-007	STP	Hennepin County	Replacement of Bridge #90585 on CSAH 46 over Godfrey Pkwy in Minneapolis	\$2,240,000	\$1,792,000	\$448,000	S19
Add project	2016	027-746-005	STP	Hennepin County	Replacement of Bridge #90622 on CSAH 146 (Brown Rd) over Long Lake Creek in Orono	\$560,000	\$448,000	\$112,000	S19
Add project	2016	8206-45	STP	MnDOT	Reconstruction of the intersection of TH 97 and TH 61 in Forest Lake, removing signals and construction of multi-lane roundabouts, as well as construction of a school entrance from northbound TH 61 to Forest Lake High School, and bike/pedestrian facilities including a pedestrian bridge	\$6,720,000	\$5,376,000	\$1,344,000	E1
Add project	2016	164-020-123	STP	St Paul	Extension of Pierce Butler Route on a new alignment from Grotto Street to Arundel Street at Minnehaha Avenue as a four-lane roadway with bike lanes and sidewalks	\$10,026,296	\$7,840,000	\$2,186,296	A20
Add project	2016	164-080-012	STP	St Paul	Reconstruction of Bridge #90396 on Wheelock Pkwy over the Trout Brook Storm Water Stream, Trout Brook Regional Trail and CP Railway between Able St and Park St in St Paul	\$2,464,000	\$1,960,000	\$504,000	S19
Delete project	2015	880M-UG-15L	STP	MnDOT	Metro ATP Setaside for STP-UG Projects to be Selected for FY 2015	\$46,625,000	\$37,300,000	\$9,325,000	NC
Delete project	2015	880M-UG-15	STP	MnDOT	Metro ATP Setaside for STP-UG Projects to be Selected for FY 2015	\$11,250,000	\$9,000,000	\$2,250,000	NC
Delete project	2016	880M-UG-16L	STP	MnDOT	Metro ATP Setaside for STP-UG Projects to be Selected for FY 2016	\$46,125,000	\$36,900,000	\$9,225,000	NC
Delete project	2016	880M-UG-16	STP	MnDOT	Metro ATP Setaside for STP-UG Projects to be Selected for FY 2016	\$11,250,000	\$9,000,000	\$2,250,000	NC
Delete project	2015	880M-BIR-15	BIR	MnDOT	Metro ATP Setaside for Bridge Replace/Rehab Projects to be Selected for FY 2015	\$7,375,000	\$5,900,000	\$1,475,000	NC
Delete project	2016	880M-BIR-16	BIR	MnDOT	Metro ATP Setaside for Bridge Replace/Rehab Projects to be Selected for FY 2016	\$7,500,000	\$6,000,000	\$1,500,000	NC



**2013-2016 TIP Amendment Request**

**Transportation Enhancements Projects**

TIP Amendment Action	Year	SP#	Funding	Agency	Project Description	Total \$	FHWA \$	Other \$	Air Quality Code
Add project	2015	110-020-031	TE	Brooklyn Park	Pedestrian/Bicycle Trail from Regent Avenue at Shingle Creek to Noble Avenue at Shingle Creek with lighting, pedestrian road safety improvements in Brooklyn Park	\$1,210,000	\$968,000	\$242,000	AQ2
Add project	2015	010-090-005	TE	Carver County	Pedestrian/Bicycle trail and trailhead facilities from 1st Street bridge over West Chaska Creek in Chaska to Main St in the City of Carver southwest of the intersection of Hickory St	\$757,900	\$606,320	\$151,580	AQ2
Add project	2015	019-090-016	TE	Dakota County	Pedestrian/Bicycle Trail including bridge from CSAH 38 to Johnny Cake Ridge Road in Apple Valley	\$1,818,135	\$1,100,000	\$718,135	AQ2
Add project	2015	092-090-052	TE	DNR	Pedestrian/Bicycle trail bridge on the Gateway State Trail over Hadley Avenue North in the City of Oakdale	\$1,650,000	\$1,100,000	\$550,000	AQ2
Add project	2015	188-090-002	TE	Lakeville	Pedestrian/Bicycle Trail from 173rd Street West to Farmington border including a bridge across North Creek in Lakeville	\$1,124,266	\$899,410	\$224,857	AQ2
Add project	2015	062-090-002	TE	Ramsey County	Pedestrian/Bicycle trail from Long Lake Regional Park in New Brighton to CR H in Mounds View	\$1,442,320	\$1,100,000	\$342,320	AQ2
Add project	2015	164-646-001	TE	St Paul	On Raymond Avenue from Hampden Avenue to Energy Park Drive, street reconstruction to add curb extensions, boulevard trees, landscaping, pedestrian medians, sidewalk widening, bike lanes, pedestrian lighting	\$1,826,330	\$1,100,000	\$726,330	O9
Add project	2015	164-030-011	TE	St Paul	Sidewalks, landscaping, trees, pedestrian lighting, on-street bicycle facilities on E. 7th Street from Arcade Street to Bush; on Arcade Street from E. 7th Street to the bridge over Phalen Blvd; on Forest St from Wells St to Reaney Ave; and on Reaney Ave from Forest St to Johnson Pkwy	\$529,411	\$423,536	\$105,875	O9
Add project	2015	082-090-005	TE	Washington County	Pedestrian/Bicycle Trail construction from US 61 to US 10 in Denmark Township	\$1,683,000	\$1,100,000	\$583,000	AQ2
Add project	2016	127-020-029	TE	Fridley	Pedestrian/Bicycle Bridge and Trail connection from Main Street (CR 102) and 57th Ave NE to 44th Ave NE across I-694 in Fridley	\$1,442,560	\$1,120,000	\$322,560	AQ2
Add project	2016	130-090-004	TE	Hastings	Pedestrian/Bicycle Trail at three points along the Vermillion River between the intersection of 3rd Street and Baily Street to Vermillion Falls Park in Hastings	\$1,008,000	\$806,400	\$201,600	AQ2
Add project	2016	141-030-022	TE	Minneapolis	Landscaping, pedestrian lighting, pedestrian safety improvements on 7th and 8th Street S from 1st Avenue N to Chicago Avenue and on 6th and 9th Streets S from 1st Avenue N to 2nd Avenue S in Minneapolis	\$2,016,000	\$1,120,000	\$896,000	O9
Add project	2016	141-220-005	TE	Minneapolis	Reconstruction of 6th Avenue N with preservation of historic pavers and loading docks, installation of sidewalks from 5th Street N to the end of the street north of Washington Avenue	\$2,799,104	\$1,120,000	\$1,679,104	O9
Add project	2016	199-090-001	TE	Ramsey	Pedestrian/Bicycle Trail from Mississippi West Regional Park to city limits 3/8 miles west of MnDOT wayside rest area/Daytonport roadside parking area in the city of Ramsey	\$1,631,739	\$1,120,000	\$511,739	AQ2
Add project	2016	164-646-002	TE	St Paul	On Raymond Avenue from Energy Park Drive to Como Avenue, street reconstruction to add curb extensions, boulevard trees, landscaping, pedestrian medians, sidewalk widening.	\$1,472,240	\$1,120,000	\$352,240	O9
Add project	2016	091-090-077	TE	Three Rivers Park District	Pedestrian/Bicycle Trail along 57th Avenue N from east of TH 100 to North Mississippi Regional Park in Brooklyn Center	\$1,435,840	\$1,120,000	\$315,840	AQ2
Add project	2016	091-090-076	TE	Three Rivers Park District	Pedestrian/Bicycle Trail from Boone Ave N/36th Ave N in New Hope to 32nd Ave N and Xenia Ave N in Crystal	\$1,153,600	\$922,880	\$230,720	AQ2
Delete project	2015	880M-EN-15	TE	MnDOT	Metro ATP Setaside for Enhancement Projects to be Selected for FY 2015	\$10,000,000	\$8,000,000	\$2,000,000	NC
Delete project	2016	880M-EN-16	TE	MnDOT	Metro ATP Setaside for Enhancement Projects to be Selected for FY 2016	\$11,250,000	\$9,000,000	\$2,250,000	NC

**2013-2016 TIP Amendment Request**

**Congestion Mitigation Air Quality (CMAQ) Projects**

TIP Amendment Action	Year	SP#	Funding	Agency	Project Description	Total \$	FHWA \$	Other \$	Air Quality Code
Add project	2015	019-623-029	CMAQ	Dakota County	CSAH 23 & CSAH 42 fiber optic installation, traffic signal mgmt sys, signal timing	\$1,153,900	\$923,120	\$230,780	T6
Add project	2015	019-632-032	CMAQ	Dakota County	Install fiber optic cable for signal interconnection along CSAH 32 in Eagan including traffic monitoring equipment, flashing yellow arrows and retiming and coordination	\$519,200	\$415,360	\$103,840	S7
Add project	2015	TRS-TCMT-15A	CMAQ	Metro Transit	Purchase five buses and technology improvements for limited stop service on Snelling Avenue in Roseville and St Paul, Ford Parkway in St Paul, and 46th Street in Minneapolis	\$3,709,150	\$2,967,320	\$741,830	A20
Add project	2015	TRS-TCMT-15E	CMAQ	Metro Transit	Purchase six buses and technology improvements for limited stop service on West 7th Street in St Paul, Bloomington, and MSP International Airport	\$3,510,980	\$2,808,784	\$702,196	A20
Add project	2015	TRS-TCMT-15B	CMAQ	Metro Transit	Service demonstration for limited stop service on Snelling Avenue in Roseville and St Paul, Ford Parkway in St Paul, and 46th Street in Minneapolis	\$4,332,691	\$3,466,153	\$866,538	A20
Add project	2015	TRS-TCMT-15F	CMAQ	Metro Transit	Service demonstration for limited stop service on West 7th Street in St Paul, Bloomington, and MSP International Airport	\$3,123,839	\$2,499,071	\$624,768	A20
Add project	2015	141-030-021	CMAQ	Minneapolis	Upgrade of the traffic signal control system at 262 locations in Minneapolis enhancing the ITS and signal coordination capabilities through new controllers, advanced detector techniques and TMC upgrades	\$3,245,000	\$2,596,000	\$649,000	E2
Add project	2015	6216-133	CMAQ	MnDOT	Signal coordination and deployment of cc cameras and dynamic message signs along TH 51 from Midway/Dan Patch to I-694 in Falcon Heights, Roseville and Arden Hills	\$708,225	\$566,580	\$141,645	E2
Add project	2015	TRS-TCMT-15C	CMAQ	Shakopee	Purchase 3 coach buses for express bus service from Marshall Road Transit Station to the U of M.	\$1,800,000	\$1,440,000	\$360,000	T10
Add project	2015	TRS-TCMT-15D	CMAQ	Shakopee	Three years of startup operating funds for express bus service from Marshall Road Transit Station to the U of M.	\$1,600,533	\$1,280,426	\$320,107	T10
Add project	2016	107-030-006	CMAQ	Bloomington	Installation of interconnect infrastructure, communications equipment and management software, implementation of phasing modifications and development and installation of new coordinated timing plans through Bloomington	\$1,120,000	\$896,000	\$224,000	E2
Add project	2016	TRS-TCMT-16C	CMAQ	Metro Transit	Purchase five buses for limited stop service on East 7th Street, Arcade Avenue, Maryland Avenue and White Bear Avenue in St Paul and White Bear Avenue in Maplewood	\$2,009,150	\$1,476,725	\$532,425	A20
Add project	2016	TRS-TCMT-16A	CMAQ	Metro Transit	Purchase four buses for limited stop service on Chicago and Portland Avenues in Minneapolis and Richfield and American Blvd in Bloomington	\$1,607,320	\$1,072,082	\$535,238	A20
Add project	2016	TRS-TCMT-16B	CMAQ	Metro Transit	Service demonstration for limited stop service on Chicago and Portland Avenues in Minneapolis and Richfield and American Blvd in Bloomington	\$8,842,206	\$5,927,918	\$2,914,288	A20
Add project	2016	TRS-TCMT-16D	CMAQ	Metro Transit	Service demonstration for limited stop service on East 7th Street, Arcade Avenue, Maryland Avenue and White Bear Avenue in St Paul and White Bear Avenue in Maplewood	\$7,514,836	\$5,523,275	\$1,991,561	A20
Add project	2016	2750-82	CMAQ	MnDOT	Signal coordination and deployment of cc cameras and dynamic message signs along TH 169 from TH 610 to TH 10 in Brooklyn Park and Champlin	\$1,152,197	\$921,758	\$230,439	E2
Add project	2016	2748-62	CMAQ	MnDOT	Signal coordination and deployment of cc cameras and dynamic message signs along TH 252 from TH 610 to I-694 in Brooklyn Park	\$839,039	\$671,232	\$167,807	E2
Add project	2016	091-090-028	CMAQ	Three Rivers Park District	Pedestrian/Bicycle trail between Tracy Avenue and France Ave/Edina Promenade in Edina	\$11,424,000	\$6,160,000	\$5,264,000	AQ2
Delete project	2015	880M-CMAQ-15	CMAQ	MnDOT	Metro ATP Setaside for CMAQ Projects to be Selected for FY 2015	\$26,750,000	\$21,400,000	\$5,350,000	NC
Delete project	2016	880M-CMAQ-16	CMAQ	MnDOT	Metro ATP Setaside for CMAQ Projects to be Selected for FY 2016	\$26,625,000	\$21,300,000	\$5,325,000	NC

**2013-2016 TIP Amendment Request**

TIP Amendment Action	Year	SP#	Funding	Agency	Project Description	Total \$	FHWA \$	Other \$	Air Quality Code
<b>Railroad-Highway Grade Crossing Safety Improvement Projects</b>									
Add project	2015	27-00308	RR	MnDOT	5th Ave S (M220) Hopkins: Install cants – upgrade to gates	\$275,000	\$275,000	\$0	S8
Add project	2015	10-00120	RR	MnDOT	CSAH 41 Carver Co, Randolph Township ½ mile E of Cologne: Install gates	\$225,000	\$225,000	\$0	S8
Add project	2015	62-00208	RR	MnDOT	US TH 61 White Bear Lake: Install cants - upgrade to gates	\$350,000	\$350,000	\$0	S8
Add project	2015	27-00309	RR	MnDOT	W 84th St M1230 Bloomington: Install gates	\$225,000	\$225,000	\$0	S8
Add project	2015	27-00310	RR	MnDOT	West 90th Street, MSAS 13, Bloomington: Replace cants, add LED holdover	\$225,000	\$225,000	\$0	S8
Add project	2015	27-00311	RR	MnDOT	Pennsylvania Ave M 72, Golden Valley: Install gates	\$250,000	\$250,000	\$0	S8
Add project	2015	19-00142	RR	MnDOT	TH 55 Courthouse Blvd, Hastings: Install cants, upgrade to gates	\$275,000	\$275,000	\$0	S8
Add project	2016	19-00143	RR	MnDOT	Randolph Blvd (MN56) Randolph Twmsp: Upgrade to gates	\$225,000	\$225,000	\$0	S8
Add project	2016	70-00124	RR	MnDOT	Delaware Ave, T180 (CR59), St Lawrence: Install gates	\$275,000	\$275,000	\$0	S8
Add project	2016	02-00136	RR	MnDOT	Egret Blvd MSAS 104 Coon Rapids: Install gates	\$275,000	\$275,000	\$0	S8
Add project	2016	19-00144	RR	MnDOT	282nd St E Dakota Co, Randolph Township,: Install gates	\$225,000	\$225,000	\$0	S8
Add project	2016	62-00209	RR	MnDOT	CSAH 45, Long Lake Rd, New Brighton: Install gates	\$250,000	\$250,000	\$0	S8
Add project	2016	62-00210	RR	MnDOT	S Erie Street M636, St Paul: Upgrade to gates	\$275,000	\$275,000	\$0	S8
Add project	2016	82-00143	RR	MnDOT	CSAH 9 Keystone Ave Hugo: Install gates	\$250,000	\$250,000	\$0	S8
Delete project	2015	880M-RR-15	RR	MnDOT	Metro ATP Setaside for RR Safety Projects to be Selected for FY 2015	\$1,888,889	\$1,700,000	\$188,889	NC
Delete project	2016	880M-RR-16	RR	MnDOT	Metro ATP Setaside for RR Safety Projects to be Selected for FY 2016	\$1,888,889	\$1,700,000	\$188,889	NC

**Projects Moved to 2017 - Will be added in draft 2014-2017 TIP**

TIP Amendment Action	Year	SP#	Funding	Agency	Project Description	Total \$	FHWA \$	Other \$	Air Quality Code
NONE - Will be added in 2014-2017 TIP	2017	027-653-021	STP	Hennepin County	Reconstruct CSAH 53 from 150 feet west of Washburn Avenue to 16th Avenue in Richfield, to a 3-lane section center turn lane, raised concrete median, signal replacement, sidewalks, and on-road bikeways.	\$16,800,000	\$7,840,000	\$8,960,000	A20
NONE - Will be added in 2014-2017 TIP	2017	164-090-014	STP	St Paul	Pedestrian/Bicycle trail from Harriet Island Regional Park in St Paul to the Mississippi River Regional Trail in South St Paul	\$7,693,280	\$6,154,624	\$1,538,656	AQ2

## Federal Funding Summary

		2015		2016		Total
		# of Projects	Federal \$	# of Projects	Federal \$	Federal \$
<b>STP</b>	Current TIP Set Aside	3	\$52,200,000	3	\$51,900,000	\$104,100,000
	TIP Amendment Added Projects	15	\$52,798,266	10	\$44,416,960	\$97,215,226
<hr/>						
<b>TE</b>	Current TIP Set Aside	1	\$8,000,000	1	\$9,000,000	\$17,000,000
	TIP Amendment Added Projects	9	\$8,397,266	8	\$8,449,280	\$16,846,546
<hr/>						
<b>CMAQ</b>	Current TIP Set Aside	1	\$21,400,000	1	\$21,300,000	\$42,700,000
	TIP Amendment Added Projects	10	\$18,962,815	8	\$22,648,989	\$41,611,804
<hr/>						
<b>RR</b>	Current TIP Set Aside	1	\$1,700,000	1	\$1,700,000	\$3,400,000
	TIP Amendment Added Projects	7	\$1,825,000	7	\$1,775,000	\$3,600,000

Total Number of Programmed Projects		Total Federal Funding	
Added	74	Set Asides Deleted	\$167,200,000
Deleted	12	Programmed Projects	\$159,273,576

*The set aside in the 2016 STP column does not reflect a \$5 million reduction in available funding according to MnDOT's 2014-2017 STIP guidance and agreement with MnDOT district staff. Projects were programmed in 2016 to the STP funding amount that was actually available. The three set aside projects noted in each year of the STP category include one for the previous Bridge Improvement and Replacement program, which no longer exists under new federal transportation legislation.*

**Appendix B.**  
**Conformity Documentation**  
**Of the Amended 2013-2016 Transportation Improvement Program to the 1990**  
**Clean Air Act Amendments**  
*February 4, 2013*

The United States Environmental Protection Agency's (EPA's) 40 CFR PARTS 51 and 93, referred to together with all applicable amendments as the "Conformity Rule," requires the Metropolitan Council (the Council) to prepare a conformity analysis of the region's *Transportation Policy Plan* (the Plan), as well as the amended *FY 2013-2016 Transportation Improvement Program* (TIP). Based on an air quality analysis, the Council must determine whether the TIP conforms to the requirements of the 1990 Clean Air Act Amendments (CAAA) with regard to National Ambient Air Quality Standards (NAAQS) for mobile source criteria pollutants.

Specifically, the Minneapolis/St. Paul Metropolitan Area is within an EPA-designated carbon monoxide (CO) limited maintenance area. A map of this area, which for air quality analysis purposes includes the seven-county Metropolitan Council jurisdiction plus Wright County and the City of New Prague, is shown in Exhibit B-1. The term "maintenance" reflects the fact that regional CO emissions were unacceptably high in the 1970s when the NAAQS were introduced, but were subsequently brought under control through a metro-area Vehicle Inspection and Maintenance (VIM) Program completed in the 1990s. The EPA then re-designated the area as in attainment of the NAAQS for CO in 1999 and approved a "maintenance plan" containing a technical rationale and actions designed to keep emissions below a set region-wide budget. The maintenance plan was updated in 2005, when changes to the emissions rates approved by EPA necessitated an update of the approved CO budget as well. A second ten-year maintenance plan was approved by EPA on November 8, 2010 as a "limited maintenance plan." Every long-range Plan or TIP approved by the Council must be analyzed using specific criteria and procedures defined in the Conformity Rule to verify that it does not result in emissions exceeding this current regional CO budget.

A conforming TIP and Plan, satisfying the aforementioned analysis requirement, must be in place in order for any federally funded transportation program or project phase to receive FHWA or FTA approval. A conformity analysis for the Transportation Policy Plan was approved by the USEPA on February 23, 2011. This appendix describes the procedures used to analyze the amended 2013-2016 TIP and lists findings and conclusions supporting the Metropolitan Council's determination that this TIP conforms to the requirements of the CAAA.

***The analysis described in the appendix has resulted in a Conformity Determination that the projects included in the amended 2013-2016 Transportation Improvement Program meet all relevant regional emissions analysis and budget tests as described herein. The 2013-2016 Transportation Improvement Program conforms to the relevant sections of the Federal Conformity Rule and to the applicable sections of Minnesota State Implementation Plan for air quality.***

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## **I. CONFORMITY OF THE 2013-2016 TRANSPORTATION IMPROVEMENT PROGRAM: FINDINGS AND CONCLUSIONS**

An analysis of the regionally significant projects listed in the TIP was prepared. The analysis included the projects listed in Tables B-1 through B-4. This analysis meets the following Conformity Rule requirements:

- *Inter-agency consultation* (§93.105, §93.112). The Minnesota Pollution Control Agency (MPCA), Minnesota Department of Transportation (MnDOT), Environmental Protection Agency (EPA), and Federal Highway Administration (FHWA) were consulted during the preparation of the TIP and its conformity review and documentation. The "Transportation Conformity Procedures for Minnesota" handbook provides guidelines for agreed-upon roles and responsibilities and inter-agency consultation procedures in the conformity process.
- *Regionally significant and exempt projects* (§93.126, §93.127). The TIP analysis includes all known federal and nonfederal regionally significant projects as defined in §93.101 of the Conformity Rule. Exempt projects not included in the regional air quality analysis were identified by the inter-agency consultation group and classified in accordance with §93.126 of the Conformity Rule.
- *Donut areas* (§93.105(c)(2)). No regionally significant projects are planned or programmed for the City of New Prague. The air quality analysis of CO emissions for Wright County is prepared by the Council as part of an intergovernmental agreement with the County, MNDOT and the Council. Four regionally significant projects were identified for Wright County to be built within the analyses period of the TIP. The projects are in the maintenance area, but are outside of the Metropolitan Council's seven-county planning jurisdiction.
- *Latest planning assumptions* (§93.110). The Council is required by Minnesota statute to prepare regional population and employment forecasts for the Twin Cities Seven-County Metropolitan Area. The published source of socioeconomic data for this region is the Metropolitan Council's *2030 Regional Development Framework*. This planning document provides the Council with socio-economic data (planning assumptions) needed to develop long range forecasts of regional highway and transit facilities needs. The latest update to these forecasts was published December 31, 2012.

Other conformity requirements have been addressed as follows:

- The TIP was prepared in accordance with the *Public Participation Plan for Transportation Planning*, adopted by the Council on February 14, 2007. This process satisfies SAFETEA-LU requirements for public involvement, in addition to the public consultation procedures requirement of Conformity Rule §93.105.
- The TIP addresses the fiscal constraint requirements of 23 CFR Section 450.324 and Section 93.108 of the Conformity Rule. Chapter 3 of the TIP documents the consistency of proposed transportation investments with already available and projected sources of revenue.
- The Council certifies that the Plan does not conflict with the implementation of the SIP, and conforms to the requirement to implement the Transportation System Management Strategies which are the adopted Transportation Control Measures (TCMs) for the region. All of the adopted TCMs have been implemented.
- Any TIP projects that are not specifically listed in the Plan are consistent with the policies and purposes of the Plan and will not interfere with other projects specifically included in the Plan.
- There are no projects which have received NEPA approval and have not progressed within three years.
- Although a small portion of the Twin Cities Metropolitan Area is a maintenance area for PM-10, the designation is due to non-transportation sources, and therefore is not analyzed herein.

## **II. CONSULTATION PROCEDURES**

## **A. PUBLIC INVOLVEMENT PROCESS**

The Council remains committed to a proactive public involvement process used in the development and adoption of the plan as required by the Council's Public Participation Plan for Transportation Planning. The Public Participation Plan is in Appendix D of the 2030 Transportation Policy Plan (revision adopted February 14, 2007) and complies with the public involvement process as defined in 23 CFR 450.316 and the SAFETEA-LU requirements of Title 23 USC 134(i)(5), as well as the most current revisions to the Conformity Rule.

In addition to the Public Participation Plan, the Council continues to develop, refine and test public involvement tools and techniques as part of extensive ongoing public involvement activities that provide information, timely notices and full public access to key decisions and supports early and continuing involvement to the development of plans and programs. For example, open houses, comment mail-in cards, emails, letters, internet bulletin board, voice messages and notices on its web site are used to attract participation at the open houses, disburse informational materials and solicit public comments on transportation plans.

Solicitation of comments on the TIP is done by notice of a public hearing and a 45-day comment period. The TIP is adopted after the 45-day public comment period and revised as needed in response to comments received. A public hearing is held by the TAB on the TIP during the public comment period. A copy of the TIP is available to download from the Council's web site. A draft document for public comment and technical information are available at no charge to the public through requests to the Council's Data Center. The Data Center serves approximately 12,000 clients annually. The TIP public comment period and public hearing date are announced on the Council's web site. The draft plan document can also be accessed through the web site. The public can contact the Council's transportation department directly by phone using a contact phone number posted on the web site.

## **B. INTERAGENCY CONSULTATION PROCESS**

An interagency consultation process was used to develop the amended TIP. Consultation continues throughout the public comment period to respond to comments and concerns raised by the public and agencies prior to final adoption by the Council. The Council, MPCA and MnDOT confer on the application of the latest air quality emission models, the review and selection of projects exempted from a conformity air quality analysis, and regionally significant projects that must be included in the conformity analysis of the plan. An interagency conformity work group provides a forum for interagency consultation. The work group has representatives from the Council, MPCA, MnDOT, EPA and the FHWA. The following is a list of interagency meetings held and scheduled in 2013 to consult during the preparation and adoption of the document. Ongoing communication occurred along with periodic meetings, draft reports, emails and phone calls.



### 2013-2016 TIP Amendment Adoption Schedule

DATE	ITEM	ORGANIZATION	ACTION/TOPIC
February 1,	List of projects awarded federal funds in the 2011 regional solicitation.	MC staff	<input type="checkbox"/> Start conformity review for the 2011 solicitation projects.
February 15	Draft 2013-2016 TIP amendment for 2011 regional solicitation projects	MC Staff	<input type="checkbox"/> Mail to TAC F&PC
February 20,	TAB announces TIP amendment for 2011 solicitation projects and opens public comment period.		<input type="checkbox"/> Post projects on Council website; notify area newspapers.
February 21	Draft 2013-2016 TIP amendment	TAC – F&PC	<input type="checkbox"/> Offers opportunity for public comment; Recommend to TAC with any public comments
March 6	Draft 2013-2016 TIP amendment	TAC	<input type="checkbox"/> Offers opportunity for public comment; Recommends to TAB with any public comments <input type="checkbox"/> MPCA letter of comment included
March 20	Draft 2013-2016 TIP amendment	TAB	<input type="checkbox"/> Opens public meeting to accept further public comments; closes public comment period.
March 21	Public Comment Report and Final TIP amendment	TAC F&PC	<input type="checkbox"/> Review and recommend
April 3	Public Comment Report and Final TIP amendment	TAC	<input type="checkbox"/> Review and recommend
April 17	Public Comment Report and Final TIP amendment	TAB	<input type="checkbox"/> Accepts Public Comment Report and Adopts final TIP amendment and forwards to MC.
April 22/May 13	Final TIP amendment	MC Transportation Committee	<input type="checkbox"/> Review and recommends to MC
May 8/May 22	Final TIP amendment	Met Council	<input type="checkbox"/> Adopts, forwards to MnDOT

### III. PROJECT LISTS AND ASSUMPTIONS

#### **Definition of Regionally Significant and Exempt Projects**

Pursuant to the Conformity Rule, the projects listed in the amended 2013-2016 TIP and Plan were reviewed and categorized using the following determinations to identify projects that are exempt from a regional air quality analysis, as well as regionally significant projects to be included in the analysis. The classification process used to identify exempt and regionally significant projects was developed through an interagency consultation process involving the MPCA, EPA, FHWA, the Council and MnDOT. Regionally significant projects were selected according to the definition in Section 93.101 of the Conformity Rules:

*Regionally significant project means a transportation project (other than an exempt project) that is on a facility which serves regional transportation needs (such as access to and from the area outside of the region, major activity centers in the region, major planned developments such as new retail malls, sports complexes, etc., or transportation terminals as well as most terminals themselves) and would normally be included in the modeling of a metropolitan area's transportation network, including at a minimum all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel.*

Junction improvements and upgraded segments less than one mile in length are not normally coded into the Regional Travel Demand Forecast Model (RTDFM), and therefore are not considered to be regionally significant, although they are otherwise not exempt. The exempt air quality classification codes used in the "AQ" column of project tables of the TIP are listed in Exhibit B-4. Projects which are classified as exempt must meet the following requirements:

1. The project does not interfere with the implementation of transportation control measures.
2. The project is segmented for purposes of funding or construction and received all required environmental approvals from the lead agency under the NEPA requirements including:
  - a. A determination of categorical exclusion: or
  - b. A finding of no significant impact: or
  - c. A final Environmental Impact Statement for which a record of decision has been issued.
3. The project is exempt if it falls within one of the categories listed in Section 93.126 in the Conformity Rule. Projects identified as exempt by their nature do not affect the outcome of the regional emissions analyses and add no substance to the analyses. These projects are determined to be within the four major categories described in the conformity rule.
  - a. Safety projects that eliminated hazards or improved traffic flows.
  - b. Mass transit projects that maintained or improved the efficiency of transit operations.
  - c. Air quality related projects that provided opportunities to use alternative modes of transportation such as ride-sharing, van-pooling, bicycling, and pedestrian facilities.
  - d. Other projects such as environmental reviews, engineering, land acquisition and highway beautification.

#### **2013-2016 Transportation Improvement Program**

The inter-agency consultation group, including representatives from MnDOT, FHWA, MPCA, EPA, and the Council, reviewed the list of projects to be completed by the 2013-2016 TIP timeframe, including the following:

- In-place regionally significant highway or transit facilities, services, and activities;
- Projects selected through the Council's Regional Solicitation process;

- Major Projects from MnDOT's ten-year work program; and
- Regionally significant projects (regardless of funding sources) which are currently:
  - under construction, or;
  - undergoing right-of-way acquisition, or;
  - come from the first year of a previously conforming TIP (2011-2014), or;
  - have completed the NEPA process.

Each project was assigned to a horizon year (2015 or 2020) and categorized in terms of potential regional significance and air quality analysis exemption as per Sections 93.126 and 93.127 of the Conformity Rule, using the codes listed in this Appendix. The resulting list of regionally significant projects for 2015 and 2020 is shown in Tables B-1 through B-2. Projects added in this amendment are listed in bold type.

**2030 Transportation Policy Plan; Adopted November 10, 2010**

The inter-agency consultation group also reviewed projects to be completed before 2030 but not within the 2013-2016 TIP timeframe, including the project types listed above, as well as regionally significant planned projects in the TPP and other regionally significant projects, regardless of funding source. Each project was assigned to a horizon year (2015, 2020, or 2030) and categorized in terms of potential regional significance and air quality analysis exemption as per Sections 93.126 and 93.127 of the Conformity Rule, using the codes listed in this Appendix. The resulting list of regionally significant projects for 2015, 2020 and 2030 is shown in Tables B-1 through B-3. \

**Wright County and City of New Prague Projects**

A significant portion of Wright County and the City of New Prague are included in the Twin Cities CO maintenance area established in October 1999. However, since neither the county nor the cities are part of the Seven County Metropolitan Area, Wright County and New Prague projects were not coded into the Seven-County regional transportation model. However, Wright County and New Prague projects are evaluated for air quality analysis purposes, and the emissions associated with the regionally significant projects identified are added to the Seven-County region's emissions total. No regionally significant projects are currently planned or programmed for the City of New Prague during the time period of this plan. Three Wright County projects were considered in the regional air quality analysis:

- TH 25: Construct 4 lane from Buffalo to start of 4 lane south of I-94 in Monticello
- I-94: Add WB C-D road between CSAH 37 and CSAH 19 interchanges in Albertville.
- I-94: Add WB auxiliary lane between CSAH 18 interchange and TH 25 interchange in Monticello

<b>Table B-1</b>			
<b>Regionally Significant TIP Projects</b>			
2015 Action Scenario			
Route	Description	Agency	MNDOT Project Number/Comments
TH 25	TH 55 IN MONTICELLO TO I-94 IN BUFFALO, WRIGHT CO. - RECONSTRUCT TO 4 LANES	MNDOT	8605-44
TH 23	FROM E OF ST. CLOUD TO TH 25 IN FOLEY - 2 TO 4 LANE EXPANSION	MNDOT	
I-94	ADD WB C-D ROAD BETWEEN CSH 37 ND CSAH 19 INTERCHANGES IN ALBERTVILLE. INCLUDES WB OFF RAMP FOR CSAH 19	MNDOT	8680-145
I-94	ADD WB AUXILLARY LANE BETWEEN CSAH 18 INTERCHANGE AND TH 25 INTERCHANGE IN MONTICELLO	MNDOT	8605-44
CSAH 116	SUNFISH LAKE BOULEVARD TO GERMANIUM ST - RECONSTRUCT TO FOUR LANES	ANOKA COUNTY	
CSAH 23	147 <sup>TH</sup> ST TO 181 <sup>TH</sup> ST - CONSTRUCTION OF 6-LANE FACILITY, INTERSECTION UPGRADES TO ACCOMMODATE BRT BUSES ON CEDAR AVENUE	DAKOTA COUNTY	

**Table B-1**  
**Regionally Significant TIP Projects**  
2015 Action Scenario

CSAH 109	MAIN ST TO JEFFERSON HWY – CONSTRUCT 4-LANE DIVIDED ROAD	HENNEPIN COUNTY	
CSAH 17	CSAH 14 (MAIN ST) TO CSAH 116 (BUNKER LAKE BLVD) – RECONSTRUCTION TO SIX-LANE ROADWAY IN BLAINE AND FOUR-LANE ROADWAY IN HAM LAKE	ANOKA COUNTY	002-617-018
CSAH 2	19 <sup>TH</sup> ST SW TO 12 <sup>TH</sup> ST SW AND THE I-35 INTERCHANGE – RECONSTRUCTION	WASHINGTON COUNTY	
CSAH 81	TH 100 TO CSAH 10 – RECONSTRUCT TO 6-LANE URBAN DIVIDED ROADWAY	HENNEPIN COUNTY	
CSAH 96	AT TH 10 IN ARDEN HILLS-CONSTRUCT INTERCHANGE, ETC.	RAMSEY COUNTY	062-596-003
TH 7	AT LOUISIANA AVE IN ST. LOUIS PARK- CONSTRUCT INTERCHANGE ETC.	ST. LOUIS PARK	2706-226
CSAH 10	FROM VICKSBURG LANE TO PEONY LN IN MAPLE GROVE-RECONSTRUCT TO 4-LANE DIVIDED ROADWAY, TRAILS, ETC.	MAPLE GROVE	
CSAH 116	FROM CSAH 7 TO 38 <sup>TH</sup> AVE IN ANOKA & ANDOVER- RECONSTRUCT TO 4-LANE DIVIDED RDWY, PED/BIKE TRAIL, ETC.	ANOKA COUNTY	
TH 13	FROM ZINRAN AVE S TO LOUISIANA AVE S IN SAVAGE- RECONSTRUCT TH 13/101 INCLUDING AN OVERPASS FOR EB 101 TRAFFIC, ETC	SCOTT COUNTY	
TH 36	AT HILTON TRAIL IN PINE SPRINTS-RECONSTRUCT INTERSECTION	MNDOT	8204-55
TH 169/I-494	NEW INTERCHANGE CONSTRUCTION	MNDOT	2776-03B
CITY	ON GRANARY RD FROM 25 <sup>TH</sup> AVE TO 17 <sup>TH</sup> AVE SE IN MPLS-CONSTRUCT FIRST SEGMENT AS 3-LANES WITH TURN LANES, SIGNALS, LIGHTING, SIDEWALKS AND BICYCLE TRAIL	MINNEAPOLIS	141-433-02
CSAH 17	ON SCOTT CSAH 17 FROM SCOTT CSAH 78 TO SCOTT CSAH 16-RECONSTRUCT, ETC	SCOTT COUNTY	70-617-22
CSAH 5	AT TH 13 IN BURNSVILLE-CONSTRUCT INTERCHANGE, ACCESS CLOSURES, FRONTAGE RDS, ETC	DAKOTA COUNTY	19-605-28
TH 101	FROM CARVER CSAH 18(LYMAN BLVD) CSAH 14(PIONEER TR) IN CHANHASSEN- RECONSTRUCT TO 4-LN RDWY, ETC	CHANHASSEN	194-010-11
TH 149	FROM TH 55 TO I-494 IN EAGAN RECONSTRUCT FROM 4-LN RDWY TO 6-LN RDWY, TRAIL, ETC	EAGAN	195-010-10
CSAH 11	ON ANOKA CSAH 11(FOLEY BLVD) FROM 101ST TO EGRET IN COON RAPIDS-RECONSTRUCT TO 4-LN RDWY, NEW SIGNALS, TRAIL, ETC	ANOKA COUNTY	02-611-32
CSAH 18	ON CARVER CSAH 18(LYMAN BLVD) FROM CARVER CSAH 15(AUDUBON RD) TO CARVER CSAH 17(POWERS BLVD) IN CHANHASSEN-RECONSTRUCT TO 4-LN RDWY, ETC	CARVER COUNTY	10-618-13
CSAH 61	FROM CSAH 3(EXCELSIOR BLVD) TO NO OF TH 7 IN HOPKINS AND MINNETONKA- COUNTY UPGRADE TO A 4-LANE RDWY, INTERSECTION IMPROVEMENTS, ETC	HENNEPIN COUNTY	27-661-46
TH 36	FROM HAZELWOOD AVE TO TH 61 IN MAPLEWOOD- CONSTRUCT SPLIT- DIAMOND INTERCHANGE BETWEEN ENGLISH ST/TH 61, ACCESS CLOSURES, SIGNAL INSTALLATION, ETC	MAPLEWOOD	138-010-18
CSAH 51	FROM ANOKA CSAH 12 TO 121 <sup>ST</sup> AVE IN COON RAPIDS & BLAINE – RECONSTRUCT TO 4-LN ROADWAY	ANOKA COUNTY	02-651-07
I-94	EB I-94 FROM 7 <sup>TH</sup> ST EXIT TO MOUNDS BLVD- ADD AUXILLARY LANE	MNDOT	6283-175

<b>Table B-1</b> <b>Regionally Significant TIP Projects</b> 2015 Action Scenario			
I-494	FROM I-35W TO TH 100 IN BLOOMINGTON AND RICHFIELD- ADD AUXILLARY LANE		
CR 5	CONSTRUCT INTERCHANGE AT TH 13	CITY OF BURNSVILLE	019-605-028Scott Cty
TH 61	REPLACE MISSISSIPPI RIVER BRIDGE AND APPROACHES	MnDOT	1913-64
TH 52	REPLACE LAFAYETTE BRIDGE	MnDOT	6244-30

<b>Table B- 2</b> <b>Regionally Significant TIP Projects</b> 2020 Action Scenario			
<b>Route</b>	<b>Description</b>	<b>Agency</b>	<b>MnDOT Project Numbers – comments</b>
TH 36	NEW ST CROIX RIVER CROSSING	MNDOT	8217-82045
TH 610	CONSTRUCT FROM I-94 to CSAH 81		
I- 35E	FROM MARYLAND TO I-94, RECONSTRUCT WITH MNPASS LANE, RECONSTRUCT MARLYLAND AVE INTERCHANGE	MnDOT	6280-308
TH 100	FROM 36 <sup>th</sup> ST to CEDAR LAKE RD- RECONSTRUCT INTERCHANGES AND ADD AUXILLARY LANES	MnDOT	2734-33
	I-35W BUS RAPID TRANSIT	METROPOLITAN COUNCIL	
	WEST BROADWAY AVE BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	ROBERT ST BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	CHICAGO-EMERSON/FREMONT AVES BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	SNELLING AVE BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	EAST 7 <sup>TH</sup> ST BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	WEST 7 <sup>TH</sup> ST BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	SOUTHWEST LIGHT RAIL TRANSIT	METROPOLITAN COUNCIL	
	BOTTINEAU LIGHT RAIL TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
CSAH 81	RECONSTRUCTION OF CSAH 81 FROM NORTH OF 63RD AVENUE NORTH TO NORTH OF CSAH 8 IN BROOKILYN PARK TO A MULTI-LANE DIVIDED ROADWAY INCLUDING CONCRETE MEDIAN AND WITH A MUTLI-USE TRAIL	HENNEPIN COUNTY	
Pierce Butler Route	EXTENSION OF PIERCE BUTLER ROUTE ON A NEW ALIGNMENT FROM GROTTO STREET TO ARUNDEL STREET AT MINNEHAHA AVENUE AS A FOUR-LANE ROADWAY WITH BIKE LANES AND SIDEWALKS	ST. PAUL	
CSAH 42	RECONSTRUCTION OF CSAH 42 (FORD PKWY) IN ST PAUL FROM WEST OF HOWELL ST TO SNELLING AVENUE TO INCLUDE RAISED MEDIANS, BIKE LANES AND TURN LANES AT INTERSECTIONS, NEW TRAFFIC SIGNALS AND SIDEWALK UPGRADES	RAMSEY COUNTY	

<sup>1</sup> These projects were included in an amendment to the 2030 Transportation Policy Plan scheduled to be adopted April 24, 2013. The conformity finding in this document is valid whether or not these projects are included.

CSAH 35	RECONSTRUCTION OF CSAH 35 (PORTLAND AVENUE) FROM 67TH STREET TO 77TH STREET IN RICHFIELD TO BE A 2-LANE ROADWAY WITH A CENTER TURN LANE AND INCLUDING TRANSIT FACILITIES, BIKE LANES AND PEDESTRIAN FACILITIES	HENNEPIN COOUNTY	
CSAH 116	RECONSTRUCT CSAH 116 FROM TWO-LANE UNDIVIDED TO A FOUR-LANE DIVIDED ROADWAY FROM JUST EAST OF CRANE STREET THROUGH JEFFERSON STREET IN THE CITIES OF ANDOVER AND HAM LAKE, INCLUDING SEPARATED BIKE/PED FACILITY, SIGNALIZED INTERSECTIONS AND IMPROVE AT-GRADE RAIL CROSSING.	ANOKA COUNTY	
CSAH 53	RECONSTRUCT CSAH 53 FROM 150 FEET WEST OF WASHBURN AVENUE TO 16TH AVENUE IN RICHFIELD, TO A 3-LANE SECTION CENTER TURN LANE, RAISED CONCRETE MEDIAN, SIGNAL REPLACEMENT, SIDEWALKS, AND ON-ROAD BIKEWAYS.	HENNEPIN COUNTY	
CSAH 11	RECONSTRUCTION OF CSAH 11 (FOLEY BLVD) FROM NORTH OF EGRET BLVD TO NORTH OF NORTHDALD BLVD AS A 4-LANE DIVIDED ROADWAY AS WELL AS A TRAIL AND SIDEWALK, PONDS, TRAFFIC SIGNALS AND DEDICATED LEFT- AND RIGHT-TURN LANES	ANOKA COUNTY	
TH 55	EXPANSION OF TH 55 TO A 6-LANE ROADWAY FROM THE TH 149 NORTH INTERSECTION THROUGH THE TH 149 SOUTH INTERSECTION INCLUDING TRAFFIC SIGNALS, AND CONSTRUCTION OF A MULTI-USE TRAIL	EAGAN	
TH 101	CONSTRUCTION OF AN INTERCHANGE OF TH 101 AND CSAH 144 IN ROGERS, MULTI-USE TRAIL AND SIDEWALK, SIGNALS AND LIGHTING	CITY OF ROGERS	
	PURCHASE FOUR BUSES FOR LIMITED STOP SERVICE ON CHICAGO AND PORTLAND AVENUES IN MINNEAPOLIS AND RICHFIELD AND AMERICAN BLVD IN BLOOMINGTON	METRO TRANSIT	
	SERVICE DEMONSTRATION FOR LIMITED STOP SERVICE ON CHICAGO AND PORTLAND AVENUES IN MINNEAPOLIS AND RICHFIELD AND AMERICAN BLVD IN BLOOMINGTON	METRO TRANSIT	
	PURCHASE FIVE BUSES AND TECHNOLOGY IMPROVEMENTS FOR LIMITED STOP SERVICE ON SNELLING AVENUE IN ROSEVILLE AND ST PAUL, FORD PARKWAY IN ST PAUL, AND 46TH STREET IN MINNEAPOLIS	METRO TRANSIT	
	SERVICE DEMONSTRATION FOR LIMITED STOP SERVICE ON SNELLING AVENUE IN ROSEVILLE AND ST PAUL, FORD PARKWAY IN ST PAUL, AND 46TH STREET IN MINNEAPOLIS	METRO TRANSIT	
	PURCHASE FIVE BUSES FOR LIMITED STOP SERVICE ON EAST 7TH STREET, ARCADE AVENUE, MARYLAND AVENUE AND WHITE BEAR AVENUE IN ST PAUL AND WHITE BEAR AVENUE IN MAPLEWOOD	METRO TRANSIT	
	SERVICE DEMONSTRATION FOR LIMITED STOP SERVICE ON EAST 7TH STREET, ARCADE AVENUE, MARYLAND AVENUE AND WHITE BEAR AVENUE IN ST PAUL AND WHITE BEAR AVENUE IN MAPLEWOOD	METRO TRANSIT	
	PURCHASE SIX BUSES AND TECHNOLOGY IMPROVEMENTS FOR LIMITED STOP SERVICE ON WEST 7TH STREET IN ST PAUL, BLOOMINGTON, AND MSP INTERNATIONAL AIRPORT	METRO TRANSIT	
	SERVICE DEMONSTRATION FOR LIMITED STOP SERVICE ON WEST 7TH STREET IN ST PAUL, BLOOMINGTON, AND MSP INTERNATIONAL AIRPORT	METRO TRANSIT	

**Table B- 3**  
**Regionally Significant TIP Projects**  
2030 Action Scenario

<b>Route</b>	<b>Description</b>	<b>Agency</b>	<b>MnDOT Project Numbers - Comments</b>
	AMERICAN BOULEVARD ARTERIAL BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
	CENTRAL AVE ARTERIAL BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	

	NICOLLET AVE ARTERIAL BUS RAPID TRANSIT <sup>1</sup>	METROPOLITAN COUNCIL	
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#### **IV. CONFORMITY DEMONSTRATION**

The EPA, in response to a MPCA request, redesignated the Twin Cities seven-county Metropolitan Area and Wright County as in attainment for CO in October 1999. A 1996 motor vehicle emissions budget (MVEB) was revised in January 2005 in a revision to the SIP. The SIP amendment revised the MVEB budget to a not-to-exceed threshold of 1,961 tons per day of CO emissions for the analysis milestone years of 2009, 2015, 2020 and 2030. In 2010, in response to a MPCA request, the EPA approved a Limited Maintenance Plan for the maintenance area. A limited maintenance plan is available to former non-attainment areas which demonstrate that monitored concentrations of CO remain below 85% of the eight-hour National Ambient Air Quality Standard (NAAQS) for eight consecutive quarters. MPCA ambient CO monitoring data shows that eight hour concentrations have been below 70% of the NAAQS since 1998 and below 30% of the NAAQS since 2004.

Under a limited maintenance plan, the EPA has determined that there is no requirement to project emissions over the maintenance period and that “an emissions budget may be treated as essentially not constraining for the length of the maintenance period because it is unreasonable to expect that such an area will experience so much growth in that period that a violation of the CO NAAQS would result.” No regional modeling analysis is required, however federally funded projects are still subject to “hot spot” analysis requirements.

The limited maintenance plan adopted in 2010 determines that the level of CO emissions and resulting ambient concentrations continue to demonstrate attainment of the CO NAAQS. The following additional programs will also have a beneficial impact on CO emissions and ambient concentrations: Ongoing implementation of an oxygenated gasoline program as reflected in the modeling assumptions used the SIP; A regional commitment to continue capital investments to maintain and improve the operational efficiencies of highway and transit systems; Adoption of a regional long-term 2030 Regional Development Framework that supports land use patterns that efficiently connect housing, jobs, retail centers, and transit oriented development along transit corridors; The continued involvement of local government units in the regional 3C transportation planning process allows the region to address local congestion, effectively manage available capacities in the transportation system, and promote transit supportive land uses as part of a coordinated regional growth management strategy. For all of these reasons, the Twin Cities CO maintenance areas will continue to attain the CO standard for the next 10 years.



## V. TIMELY IMPLEMENTATION OF TRANSPORTATION CONTROL MEASURES

Pursuant to the Conformity Rule, the Council reviewed the amended TIP and certifies that the amended TIP conforms with the SIP and does not conflict with its implementation. All Transportation System Management (TSM) strategies which were the adopted TCM's for the region have been implemented or are ongoing and funded. There are no TSM projects remaining to be completed. There are no fully adopted regulatory new TCM's nor fully funded non-regulatory TCM's that will be implemented during the programming period of the TIP. There are no prior TCM's that were adopted since November 15, 1990, nor any prior TCM's that have been amended since that date.

As part of the Urban Partnership Agreement (UPA), additional transit lanes have been added to Marquette and 2<sup>nd</sup> Ave in Minneapolis, and transit capacity in the I-35W corridor has been enhanced through dynamic priced shoulder lanes.

A list of officially adopted TCM's for the region may be found in the November 27, 1979 Federal Register notice for EPA approval of the Minneapolis-St. Paul CO Maintenance Plan, based upon the 1980 Air Quality Control Plan for Transportation, which in turn cites transit strategies in the 1978-1983 Transportation Systems Management Plan. It is anticipated that the Transportation Air Quality Control Plan will be revised in the near future. The following lists the summary and status of the currently adopted TCM's:

- **Vehicle Inspection and Maintenance Program** (listed in Transportation Control Plan as a potential strategy for hydrocarbon control with CO benefits). This program became operational in July 1991 and was terminated in December 1999.
- **I-35W Bus/Metered Freeway Project.** Metered freeway access locations have bus and carpool bypass lanes at strategic intersections on I-35W. In March, 2002 a revised metering program became operational. The *2030 Transportation Policy Plan* calls for the implementation of Bus Rapid Transit in the I-35W corridor. As part of the Urban Partnership Agreement (UPA), additional transit lanes have been added to Marquette and 2<sup>nd</sup> Ave in Minneapolis, and transit capacity in the I-35W corridor has been enhanced through dynamic priced shoulder lanes.
- **Traffic Management Improvements** (multiple; includes SIP amendments):
  - *Minneapolis Computerized Traffic Management System.* The Minneapolis system is installed. New hardware and software installation were completed in 1992. The system has been significantly extended since 1995 using CMAQ funding. Traffic signal improvements were made to the downtown street system to provide daily enhanced preferred treatment for bus and LRT transit vehicles in 2009.
  - *St. Paul Computerized Traffic Management System.* St. Paul system completed in 1991.
  - *University and Snelling Avenues, St. Paul.* Improvements were completed in 1990 and became fully operational in 1991.
- **Fringe Parking Programs.** Minneapolis and St. Paul are implementing ongoing programs for fringe parking and incentives to encourage carpooling through their respective downtown traffic management organizations.
- **Stricter Enforcement of Traffic Ordinances.** Ongoing enforcement of parking idling and other traffic ordinances is being aggressively pursued by Minneapolis and St. Paul.
- **Public Transit Strategies** (from the 1983 Transportation Systems Management Plan):
  - *Reduced Transit Fares.* Current transit fares include discounts for off-peak and intra-CBD travel. Reduced fares are also offered to seniors, youth, medicare card holders, and persons with disabilities.
  - *Transit Downtown Fare Zone.* All transit passengers can ride either the Minneapolis or Saint Paul fare zones for 50 cents. Since March 2010 passengers can ride Nicollet Mall buses for free within the downtown zone.

- *Community-Centered Transit.* The Council is authorized by legislation to enter into and administer financial assistance agreements with local transit providers in the metropolitan region, including community-based dial-a-ride systems. This program had been used to provide funding assistance to local agencies operating circulation service coordinated with regular route transit service. A regional restructuring of dial-a-ride service, now called Transit Link, occurred in 2010.
- *Flexible Transit.* Routes 755 and 756 in Medicine Lake were operated on a flex-route in 2006 by First Student, a private provider. Also, Metro Mobility, a service of the Council, as well as the dial-a-ride services mentioned above, operates with flexible routes catered to riders' special needs.
- *Total Commuter Service.* The non-CBD employee commuter vanpool matching services provided by this demonstration project, mentioned in the 1983 Transportation Systems Management Plan as well as the Transportation Control Plan, are now by the Van-Go! program, a service of the Council.
- *Elderly and Handicapped Service.* ADA Paratransit Service is available for people who are unable or have extreme difficulty using regular route transit service because of a disability or health condition. ADA Paratransit Service provides "first-door-through-first-door" transportation in 89 communities throughout the metropolitan area for persons who are ADA-certified. The region's ADA paratransit service is provided by four programs, namely Metro Mobility, Anoka County Traveler, DARTS, and H.S.I. (serving Washington County). In addition, every regular-route bus has a wheelchair lift, and drivers are trained to help customers use the lift and secure their wheelchairs safely. LRT trains offer step-free boarding, and are equipped with designated sections for customers using wheelchairs. In addition, all station platforms are fully accessible.
- *Responsiveness in Routing and Scheduling.* Metro Transit conducted a series of Transit Redesign "sector studies" to reconfigure service to better meet the range of needs based on these identified transit market areas. The Sector 1 and 2 studies, covering the northeast quadrant of the region, were the first to be completed. Following the successful reorganization of transit service in those areas, the remaining sector were studied and changes were implemented. Service is now re-evaluated as needed..
- *CBD Parking Shuttles.* The downtown fare zones mentioned above provide fast, low-cost, convenient service to and from parking locations around the CBD.
- *Simplified Fare Collection.* The fare zone system in place at the time of the Transportation Systems Management Plan has since been eliminated. Instead, a simplified fare structure based upon time (peak vs. off-peak) and type (local vs. express) of service has been implemented, with discounts for select patrons (e.g. elderly, youth). Convenient electronic fare passes are also available from Metro Transit, improving ease of fare collection and offering bulk-savings for multi-ride tickets.
- *Bus Shelters.* Metro Transit coordinates bus shelter construction and maintenance throughout the region. Shelter types include standard covered wind barrier structures as well as lit and heated transit centers at major transfer points and light-rail stations.
- *Rider Information.* Rider information services have been greatly improved since the 1983 Transportation Systems Management Plan was created. Schedules and maps have been re-designed for improved clarity and readability, and are now available for download on Metro Transit's web-site, which also offers a custom trip planner application to help riders choose the combination of routes that best serves their needs. Bus arrival and departure times are posted in all shelters, along with the phone number of the TransitLine automated schedule information hotline. Some shelters and stations have real time "next trip" information.
- *Transit Marketing.* Metro Commuter Services, under the direction of Metro Transit, coordinates all transit and rideshare marketing activities for the region, including five Transportation Management Organizations (TMOs) that actively promote alternatives to driving alone through employer outreach, commuter fairs, and other programs. Metro Commuter Services also conducts an annual Commuter Challenge, which is a contest encouraging commuters to pledge to travel by other means than driving alone.

- *Cost Accounting and Performance-Based Funding.* Key criteria in the aforementioned Transit Redesign process include service efficiency (subsidy per passenger) and service effectiveness (passengers per revenue-hour). Metro Transit uses these metrics to evaluate route cost-effectiveness and performance and determine which routes are kept, re-tuned, or eliminated.
- *"Real-Time" Monitoring of Bus Operations.* The regional Transit Operations Center permits centralized monitoring and control of all vehicles in the transit system.
- *Park and Ride.* Appendix J of the *Transportation Policy Plan* provides guidelines intended for use in planning, designing, and evaluating proposed park-and-ride facilities served by regular route bus transit. The guidelines can also be used for park-and-ride lots without bus service and at rail stations. The Metropolitan Council administers capital funding to transit operating agencies building, operating, and maintaining park-and-ride facilities. In 2009 the region served 108 park-and-ride facilities with a capacity of 25,700. Average usage in 2009 was 67 percent.
- **Hennepin and First Avenue One-Way Pair.** These streets in downtown Minneapolis were re-configured subsequent to the 1980 Air Quality Control Plan for Transportation to address a local CO hot-spot issue that has since been resolved. The streets reverted to a two-way configuration in 2009.

The above list includes two TCM's that are traffic flow amendments to the SIP. The MPCA added them to the SIP since its original adoption. These include in St. Paul, a CO Traffic Management System at the Snelling and University Avenue. While not control measures, the MPCA added two additional revisions to the SIP which reduce CO: a vehicle emissions inspection/maintenance program, implemented in 1991, to correct the region-wide carbon monoxide problem, and a federally mandated four-month oxygenated gasoline program implemented in November 1992. In December 1999 the vehicle emissions inspection/maintenance program was eliminated.

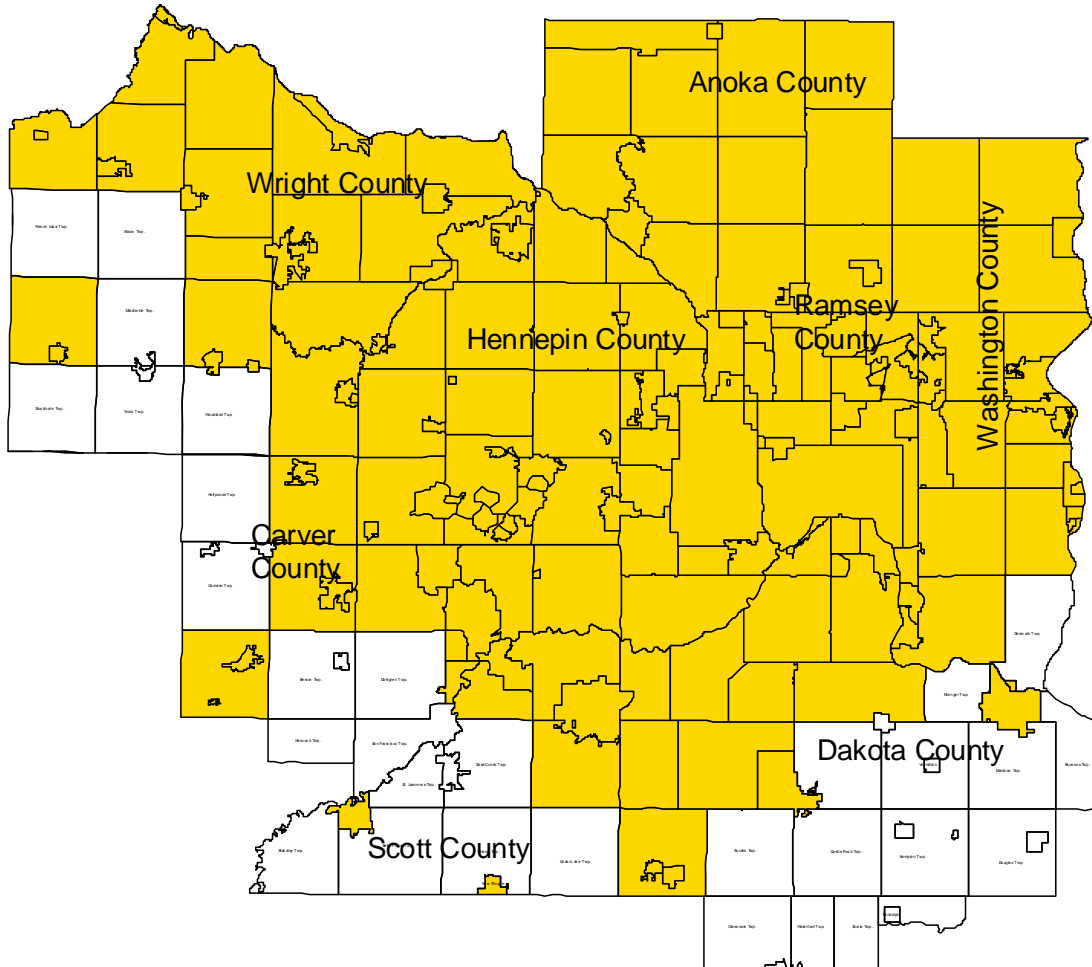
The MPCA requested that the USEPA add a third revision to the SIP, a contingency measure consisting of a year-round oxygenated gasoline program if the CO standards were violated after 1995. The USEPA approved the proposal. Because of current state law which remains in effect, the Twin Cities area has a state mandate year-round program that started in 1995. The program will remain regardless of any USEPA rulemaking.

**VI. EXHIBITS**

This section contains the exhibits referenced in this appendix.

**Exhibit 1.**

**Carbon Monoxide Maintenance Area  
Seven County Metropolitan Area  
and Wright County**



Note: Shaded area is designated maintenance.



## EXHIBIT 2

### PROJECTS THAT DO NOT IMPACT REGIONAL EMISSIONS, AND PROJECTS THAT ALSO DO NOT REQUIRE LOCAL CARBON MONOXIDE IMPACT ANALYSIS

Certain transportation projects eligible for funding under Title 23 U.S.C. have no impact on regional emissions. These are "exempt" projects that, because of their nature, will not affect the outcome of any regional emissions analyses and add no substance to those analyses. These projects (as listed in Section 93.126 of conformity rules) are excluded from the regional emissions analyses required in order to determine conformity of the TPP and TIPs.

Following is a list of "exempt" projects and their corresponding codes used in column "AQ" of the 2013-2016 TIP. The coding system is revised from previous TIPs to be consistent with the coding system for exempt projects in the proposed Minnesota Pollution Control Agency (MPCA) revision to the State Implementation Plan for Air Quality for Transportation Conformity.

Except for projects given an "A" code or a "B" code, the categories listed under Air Quality should be viewed as advisory in nature, and relate to project specific requirements rather than to the TIP air quality conformity requirements. They are intended for project applicants to use in the preparation of any required federal documents. Ultimate responsibility for determining the need for a hot-spot analysis for a project under 40 CFR Pt. 51, Subp. T (The transportation conformity rule) rests with the U.S. Department of Transportation. The Council has provided the categorization as a guide to project applicants of possible conformity requirements, if the applicants decide to pursue federal funding for the project.

#### SAFETY

Railroad/highway crossing.....	S-1
Hazard elimination program .....	S-2
Safer non-federal-aid system roads.....	S-3
Shoulder improvements .....	S-4
Increasing sight distance .....	S-5
Safety improvement program.....	S-6
Traffic control devices and operating assistance other than signalization projects.....	S-7
Railroad/highway crossing warning devices.....	S-8
Guardrails, median barriers, crash cushions .....	S-9
Pavement resurfacing and/or rehabilitation .....	S-10
Pavement marking demonstration.....	S-11
Emergency relief (23 U.S.C. 125).....	S-12
Fencing.....	S-13
Skid treatments.....	S-14
Safety roadside rest areas .....	S-15
Adding medians .....	S-16
Truck climbing lanes outside the urbanized area.....	S-17
Lighting improvements .....	S-18
Widening narrow pavements or reconstructing bridges (no additional travel lanes).....	S-19
Emergency truck pullovers .....	S-20

#### MASS TRANSIT

Operating assistance to transit agencies.....	T-1
Purchase of support vehicles.....	T-2
Rehabilitation of transit vehicles.....	T-3
Purchase of office, shop, and operating equipment for existing facilities .....	T-4
Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.).....	T-5
Construction or renovation of power, signal, and communications systems.....	T-6
Construction of small passenger shelters and information kiosks .....	T-7

Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures).....	T-8
Rehabilitation or reconstruction of track structures, track and trackbed in existing rights-of-way .....	T-9
Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet.....	T-10
Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR 771 .....	T-11

AIR QUALITY

Continuation of ride-sharing and van-pooling promotion activities at current levels.....	AQ-1
Bicycle and pedestrian facilities .....	AQ-2

OTHER

Specific activities which do not involve or lead directly to construction, such as:

Planning and technical studies	
Grants for training and research programs	
Planning activities conducted pursuant to titles 23 and 49 U.S.C.	
Federal-aid systems revisions .....	O-1
Engineering to assess social, economic and environmental effects of the proposed action or alternatives to that action .....	O-2
Noise attenuation .....	O-3
Advance land acquisitions (23 CFR 712 or 23 CFR 771) .....	O-4
Acquisition of scenic easements .....	O-5
Plantings, landscaping, etc.....	O-6
Sign removal .....	O-7
Directional and informational signs .....	O-8
Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities).....	O-9
Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational, or capacity changes .....	O-10

Projects Exempt from Regional Emissions Analyses that may Require Further Air Quality Analysis

The local effects of these projects with respect to carbon monoxide concentrations must be considered to determine if a "hot-spot" type of an analysis is required prior to making a project-level conformity determination. These projects may then proceed to the project development process even in the absence of a conforming transportation plan and TIP. A particular action of the type listed below is not exempt from regional emissions analysis if the MPO in consultation with other state agencies MPCA, MnDOT, the EPA, and the FHWA (in the case of a highway project) or the FTA (in the case of a transit project) concur that it has potential regional impacts for any reason.

Channelization projects include left and right turn lanes and continuous left-turn lanes as well as those turn movements that are physically separated. Signalization projects include reconstruction of existing signals as well as installation of new signals. Signal preemption projects are exempt from hotspot analysis. Final determination of which intersections require an intersection analysis by the project applicant rests with the U.S.DOT as part of its conformity determination for an individual project.

Projects Exempt from Regional Emissions Analyses

Intersection channelization projects.....	E-1
Intersection signalization projects at individual intersections .....	E-2
Interchange reconfiguration projects .....	E-3
Changes in vertical and horizontal alignment.....	E-4
Truck size and weight inspection stations.....	E-5

Regionally significant projects

The following codes identify the projects included in the "action" scenarios of the TIP air quality analysis:

Baseline - Year 2010 .....	A-10
Action - Year 2015 .....	A-15
Action - Year 2020 .....	A-20
Action - Year 2030 .....	A-25

Non-Classifiable Projects

Certain unique projects cannot be classified as denoted by a "NC." These projects were evaluated through an interagency consultation process and determined not to fit into any exempt nor intersection-level analysis category, but they are clearly not of a nature which would require inclusion in a regional air quality analysis.

Traffic Signal Synchronization

Traffic signal synchronization projects (Sec. 83.128 of the Conformity Rules, Federal Register, August 15, 1997) may be approved, funded, and implemented without satisfying the requirements of this subpart. However, all subsequent regional emissions analysis required by subparts 93.118 and 93.119 for transportation plans, TIPS, or projects not from a conforming plan and TIP must include such regionally significant traffic signal synchronization projects.