

Transportation Advisory Board
of the Metropolitan Council of the Twin Cities

ACTION TRANSMITTAL

No. 2010-41

DATE: June 10, 2010
TO: Transportation Advisory Board
FROM: Technical Advisory Committee
SUBJECT: TIP Amendment for Cedar Avenue Transitway Project Changes

MOTION: That the TAB amends the 2010-2013 Transportation Improvement Program (TIP) to add local funds for SP#19-623-25, and Enhancements-funded SP#19-623-28; show new costs for SP#19-623-24 and reflect a change in scope for SP#19-623-23.

BACKGROUND AND PURPOSE OF ACTION: The scope change for STP funded SP#19-623-23 changes the termini to include the 181st Street Station in Lakeville. SP#19-623-28 is a streetscape project with federal Enhancement funds awarded to it in the most recent solicitation. It is being advanced constructed as part of this larger bundle of projects and must be added to the current TIP. SP#19-623-25 is the portion of the project from 164th Street to 181st Street that will be funded using local dollars. SP#19-623-24 is an STP project programmed for 2012 AC payback that must be amended to reflect increased cost from \$10,800,000 to \$13,173,000 from the increase in bituminous cost.

Additional background material is attached.

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Funding & Programming Committee	Review & Recommend	May 20, 2010
Technical Advisory Committee	Review & Recommend	June 2, 2010
TAB Programming Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	
Metropolitan Council	Concurrence	



Minnesota Department of Transportation

Metro District
1500 west County Road B-2
Roseville, MN 55113

Office Telephone: (651) 234-7761
Fax: (651) 234-7786

May 20, 2010

Karl Keel, Chair
TAC Funding and Programming Committee
Metropolitan Council
390 N. Robert Street
St. Paul, Minnesota 55101

Re: Amendment to the Twin Cities 2010-2013 Transportation Improvement Program (TIP)
State Project Number: **See attached table**

Dear Mr. Keel:

Please amend the 2010 – 2013 Transportation Improvement Program (TIP) to include this project in 2011. This project is being submitted with the following information:

PROJECT IDENTIFICATION: See Attached Table

PROJECT BACKGROUND:

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

The Cedar Ave. Transitway is currently identified in the 2010-2013 TIP in SFY 2011 and SFY 2012. This amendment is needed to identify several changes to the existing projects: Identify project scope change, add additional project numbers and revise projects costs. The paragraphs below will identify the changes needed:

Project 19-623-23(Sequence #1717) – This project is currently in SFY 2011. The southern project terminus is being changed to include an additional 1.7 miles which changes the original scope of the project. A project scope change request will be introduced at the May 20, 2010 Funding and Programming meeting. The new termini should read: “147th St. Apple Valley to 181st St. in Lakeville”. The termini change was made to include the new 181st St. station. Also, the project cost has been revised to reflect the latest cost estimate.

Project 19-623-25(new project number)- This project is being added to identify the portion of 19-623-23 from Upper 164th St. to 181st St. This portion of the project will be funded with local funds. This project number will not show up in the TIP since it is considered associated with project 19-623-23.

Project 19-623-24(Sequence #1719) – The project will remain in SFY 2011 as an Advanced Construction(AC) project with AC payback in SFY 2012. However, through project discovery, it was determined additional storm sewer work was needed and the increased cost of bituminous changed the project cost from \$10,800,000 to \$13,073,000.

Project 19-623-28(new project number) – This project number has been added to identify the \$1,020,000 Transportation Enhancement Funds awarded to Dakota County in the 2009 TAB project solicitation. The funds are available in SFY 2013, but the County has elected to AC the project in SFY 2011 with payback in SFY 2013.

All of these revisions are reflected in the attached chart.

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

- New Money _____
- Anticipated Advance Construction _____ X
- ATP or MPO or Mn/DOT Adjustment by deferral of other projects _____
- Earmark or HPP not affecting fiscal constraint _____
- Other** _____

AIR QUALITY CONFORMITY:

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

*Exemption Codes:

A-15 – Action Scenario 2015(19-623-23, 19-623-25))

S-4 – Shoulder Improvements (19-623- 24)

S-18 – Lighting Improvements (19-623-28)

CONSISTENCY WITH MPO LONG RANGE PLAN:

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted on January 14, 2009, with FHWA/FTA conformity determination established on September 16, 2009.

We are requesting approval of this TIP amendment at this time. If you have any questions, please contact me at 651.234.7761.

Sincerely,

Greg Coughlin
State Aid Engineer
Metro District

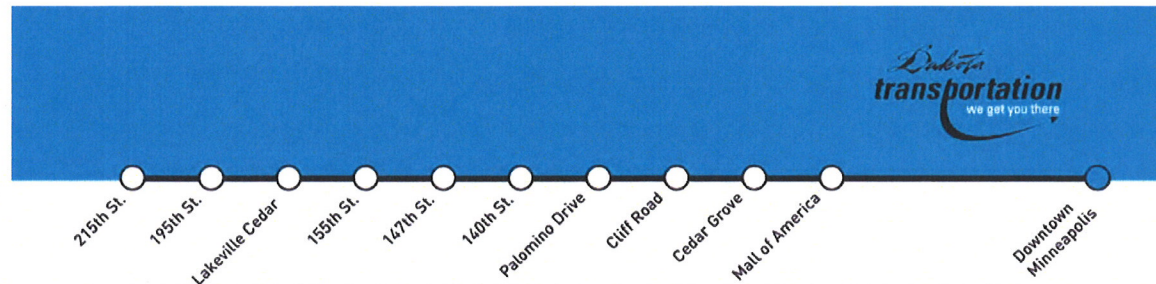
cc: Cindy Krumsieg, Metro Investment Management

Cedar Ave. Transitway - TIP Amendment

STATE FISCAL YEAR	ATP	DIST	ROUTE SYS	PROJECT NUMBER (S.P. #) (Fed # if available)	AGENCY	DESCRIPTION include location, description of all work, & city (if applicable)	MILES	PROG	TYPE OF WORK	PROP FUNDS	TOTAL \$	FHWA	Earmark \$	FHWA Target AC \$	FTA \$	TH \$	OTHER \$	Air Quality Code	
2011	M	M	CSAH 23	19-623-23	Dakota County	147 th St. Apple Valley to 181 st St. in Lakeville – Roadway improvements to accommodate Bus Rapid Transit, Intersection upgrades, and construction of a six-lane facility(So. Of 153 rd St. to 161 st . St.)	3.2	RC	Grade and Surface	UG	19,848,824	5,775,000	0	0	0	0	14,073,824	A-15	
2011	M	M	CSAH 23	19-623-25 (Associated to 19-623-23)	Dakota County	164 th St. to 181 st St. in Lakeville – Recondition 4-Lane Rdwy. upgrading intersections, widen shoulders to accommodated BRT, etc.	1.7	RC	Grade and Surface	Local	5,570,553	0	0	0	0	0	5,570,553	A15	
TIP TOTAL for 19-623-23											25,419,377	5,775,000							19,644,377
2011	M	M	CSAH 23	19-623-24	Dakota County	Dakota CSAH 42 to N of 138 th St. Apple Valley- Reconstruct, widening shoulders for BRT, Etc.(AC project, Payback in 2012)	1.2	RC	Grade and Surface	UG	13,243,812	0	0	7,840,000	0	0	5,403,812	S-4	
2011	M	M	CSAH 23	19-623-28	Dakota County	On the Cedar Ave. Transitway from 181 st in Lakeville to 138 th in Apple Valley – Lighting, Landscaping, other amenities(AC payback in 2013)	4.3	EN	Grade and Surface	TEA	3,012,120	0	0	1,020,000	0	0	1,992,120	S-18	

Local Match – The local match portion of the construction

costs will be funded by Dakota County, the Counties Transportation Improvement Board(CTIB), the Metropolitan Council’s Environmental Services, State Bonds, the City of Apple Valley, and the City of Lakeville in accordance with the Dakota County Cost Agreements.



**AMENDMENT TO TWIN CITIES 2010-2013 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP) CHANGE IN BUDGET AND SCOPE**

FOR

State Project: SP 19-623-23, 19-623-24, 19-623-28, SAP 19-623-25

Minnesota Project: [Not yet assigned]

Cedar Avenue Bus Rapid Transit
From 181st Street to 138th Street

In the Cities of: Lakeville and Apple Valley
In the County of: Dakota

May 15, 2010

Karl Keel
Chairman TAC Funding & Programming Committee
1700 W 98th St
Bloomington MN 55431-2501

Re: Amendment to the Twin Cities 2010-2013 Transportation Improvement Program
(TIP) for Cedar Avenue Bus Rapid Transit from 181st Street to 138th Street State
Project Numbers: 19-623-23, 19-623-24, and 19-623-28.

Dear Mr. Keel:

Please consider this formal request from the Dakota County to amend the 2010-2013 TIP
for SFY 2010 to include SP 19-623-28 (EN), to include SAP 19-623-25 in SP 19-623-23
(STP), and increase the total project cost of SP 19-623-24 (STP).

Sincerely,

Todd Howard
Assistant Dakota County Engineer

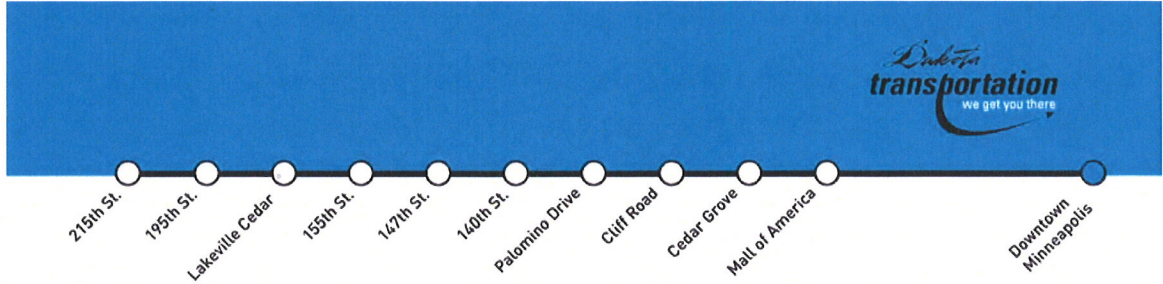


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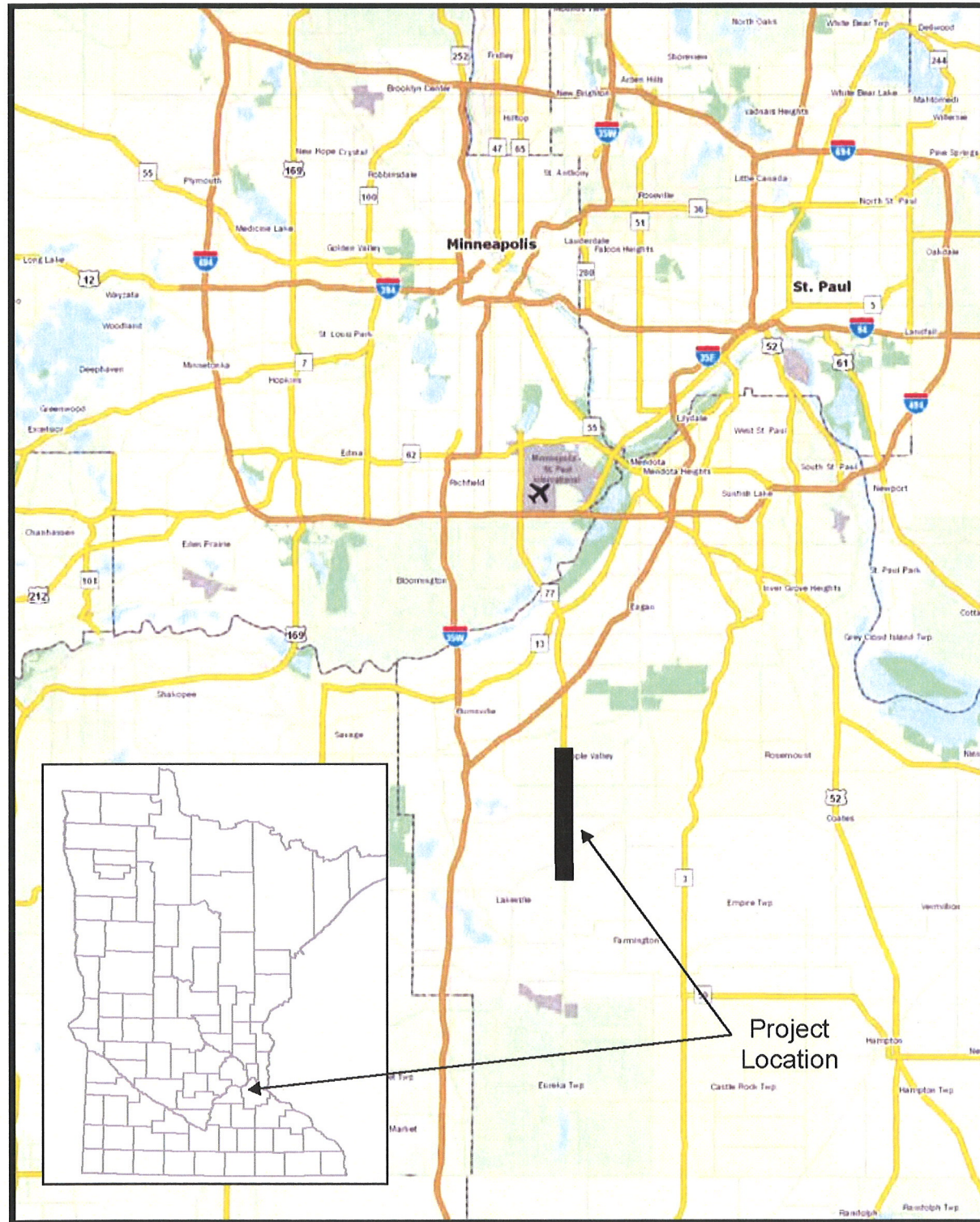
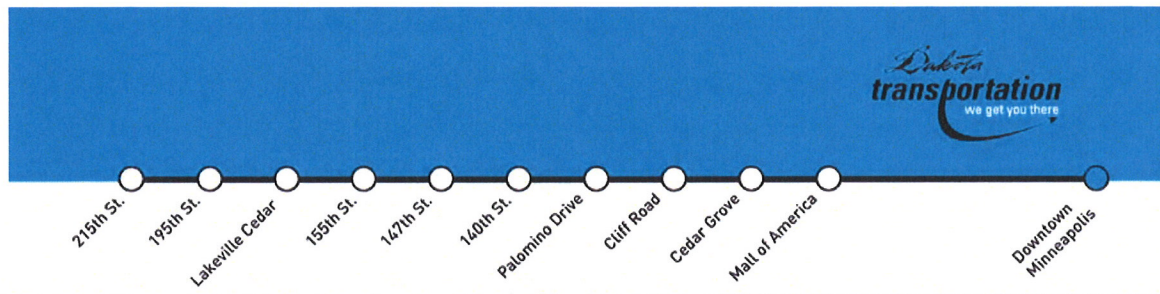


Figure 1: Project Area

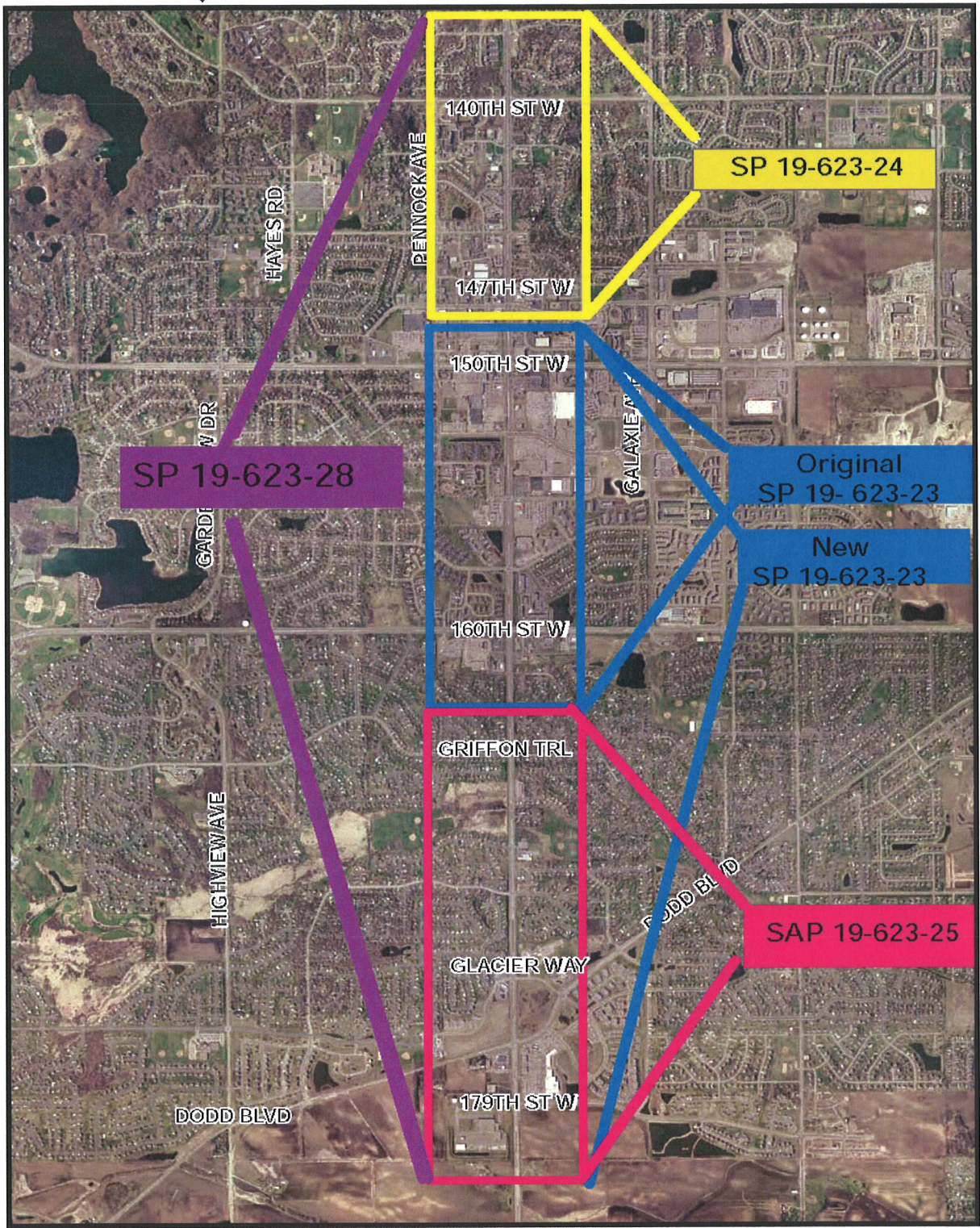


Figure 2: Project Location Area

Project Administrator

Todd Howard
Assistant County Engineer
Dakota County Transportation Department
14955 Galaxie Avenue, 3rd floor
Apple Valley, Minnesota 55124
Phone: 952-891-7108
Fax: 952-891-7127
Email: Todd.Howard@co.dakota.mn.us

I. AMENDMENT

- 1) Amend the Twin Cities 2010-2013 TIP to include State Project Number (SP): 19-623-28 Enhancements Project on Cedar Avenue Transitway from 181st Street in Lakeville to 138th Street in Apple Valley- Lighting, Landscaping, Streetscaping, and other amenities. Recently, this project was selected to receive \$1,020,000 of Transportation Enhancement Program in the 2009 TAB Solicitation for SFY 2013. However, the County has expressed its ability to advance this project into the SFY 2011 timeframe.
- 2) Amend the Twin Cities 2010-2013 TIP SP 19-623-23 Project Scope to include SAP 19-623-25. From 2005 "A" Minor Arterial Expander solicitation; SP 19-623-23 is the construction of a six-lane facility (south of 153rd Street), intersection modifications and upgrades, and related roadway improvements to address highway operation and accommodate Bus Rapid Transit buses on Cedar Avenue (CSAH 23) from 147th Street to ¼ mile south of 160th Street (CSAH 46). 1.5 miles in length. The County is able to extend shoulder-running Bus Rapid Transit to the new 181st Street station in Lakeville with project SAP 19-623-25. New total project length of 3.2 miles in length.

This 181st Street station is the interim terminus of the Cedar Transitway in Lakeville and was initially identified for long-term implementation. However, the City of Lakeville joined the Metropolitan Council's Regional Transit Capital Communities (RTCC) sooner than planned, so its implementation has been accelerated. The station includes 200 parking spaces with additional capacity for 200 more spaces. MVTA express service from Lakeville (Route 477V) began in September 2009.

SAP 19-623-25 is a locally funded project and includes widening to accommodate shoulders for BRT in each direction of the current four-lane section, implementing access management, upgrading intersections as needed to accommodate the additional bus shoulders, and other intersection upgrades to create improved operation and safety for Cedar Avenue from CSAH 9 to SP 19-623-23 project.

- 3) Amend the Twin Cities 2010-2013 TIP SP 19-623-24 total Project cost. The total project cost identified in the Twin Cities 2010-2013 TIP is \$10,800,000 the estimate is \$13,243,812 (123%). The majority of the cost increases are in Bituminous and Storm Sewer quantities.

State Transportation Improvement Program Construction Costs

State Project Number 19-623-23

Fiscal Year 2011, (STP funds)

Estimated cost shown in the TIP: \$17,600,000

Federal funding shown in the TIP: \$ 5,775,000

State Project Number 19-623-23A

Fiscal Year 2011, (HPP funds)

Estimated cost shown in the TIP: \$9,000,000

Federal funding shown in the TIP: \$1,131,820

**Federal funding was used for Right of Way*

The portion of the project with SP 19-623-23 is in the 2010-2013 TIP. The portion of the project with SAP 19-623-25 is included in the Project Costs for Fiscal Year 2011 TIP. \$26,600,000

State Project Number 19-623-24

Fiscal Year 2011, (STP funds)

Estimated cost shown in the TIP: \$10,800,000

Federal funding shown in the TIP: \$7,840,000 AC 2012

Amended cost: \$13,243,812

With State Project Number 19-623-28 amended into the TIP 2010-2013.

*Fiscal Year 2011, (TEA funds)**

Amended Federal funding shown in the STIP: \$3,012,126.40

Estimated cost shown in the TIP: \$1,275,000 AC 2013

II. PROPOSED IMPROVEMENTS

Implementation of shoulder-running Bus Rapid Transit (BRT) on Cedar Avenue between 181st Street and 138th Street, a distance of approximately 4.2 miles. Other transportation improvements along the Cedar Avenue corridor include access modifications, capacity expansion between 160th Street and 153rd Street, landscaping and streetscaping enhancements and right of way acquisition. The proposed improvements are illustrated in Figures 3-1 to 3-8, Appendix A; typical sections are illustrated in Figure 4, Appendix A.

III. PROJECT COST, FUNDING, AND SCHEDULE

Estimated Project Cost

- Construction Costs:	\$41,675,308
- Right of Way and Easements:	\$9,609,000
- Utility Relocation Costs:	\$2,000,000
- TOTAL	\$53,284,308

Project	Total	FHWA	Other	2010 TIP
SAP 19-623-25	\$5,570,552.80	\$ -	\$ 5,570,552.80	
SP 19-623-23	\$19,848,823.64	\$5,775,000.00	\$14,073,823.64	\$25,419,376.
SP 19-623-24	\$13,243,812.40	\$ 7,840,000.00	\$5,403,812.40	\$13,243,812.
*SP 19-623-28	\$3,012,119.65	\$1,020,000.00	\$1,992,119.65	\$3,012,120.
TOTAL	\$41,675,308.49	\$14,635,000.00	\$27,040,308.49	\$41,675,308.

*Amendment

Project Funding

Dakota County was awarded \$5.775 million of federal funding, obtained through the Metropolitan Council Surface Transportation Program 2005 (STP) for SP 19-623-23 roadway improvements between Upper 164th Street/Griffon Trail and 818 feet north of County State Aid Highway (CSAH) 42.

Dakota County was also awarded \$7.840 million of federal funding, obtained through the 2007 STP for SP 19-623-24 roadway improvements from 818 feet north of CSAH 42 and 138th Street.

Apple Valley was also awarded \$ \$1,020 million of federal funding, obtained through the 2009 EN for SP 19-623-28 Streetscape/Pedestrian Enhancements from 181st Street station and 138th Street.

The SAP 19-623-25 this roadway reconditioning project has not received any STP federal funding. Federal HPP funding is being used for right of way acquisition.

The matching portion of the construction costs will be funded by Dakota County, the Counties Transportation Improvement Board , the Metropolitan Councils Environmental Services, State Bonds, the City of Apple Valley, and the City of Lakeville in accordance with the Dakota County Cost Agreements.

Anticipated Schedule

The anticipated project schedule is identified below.

Plans, Specifications, and Estimate:	June 2010
Right of Way Acquisition:	July 2010
Title and Possession:	August 1, 2010
Letting:	September 2010
Award:	November 2010
Construction:	November 2010 – June 2013

APPENDIX A

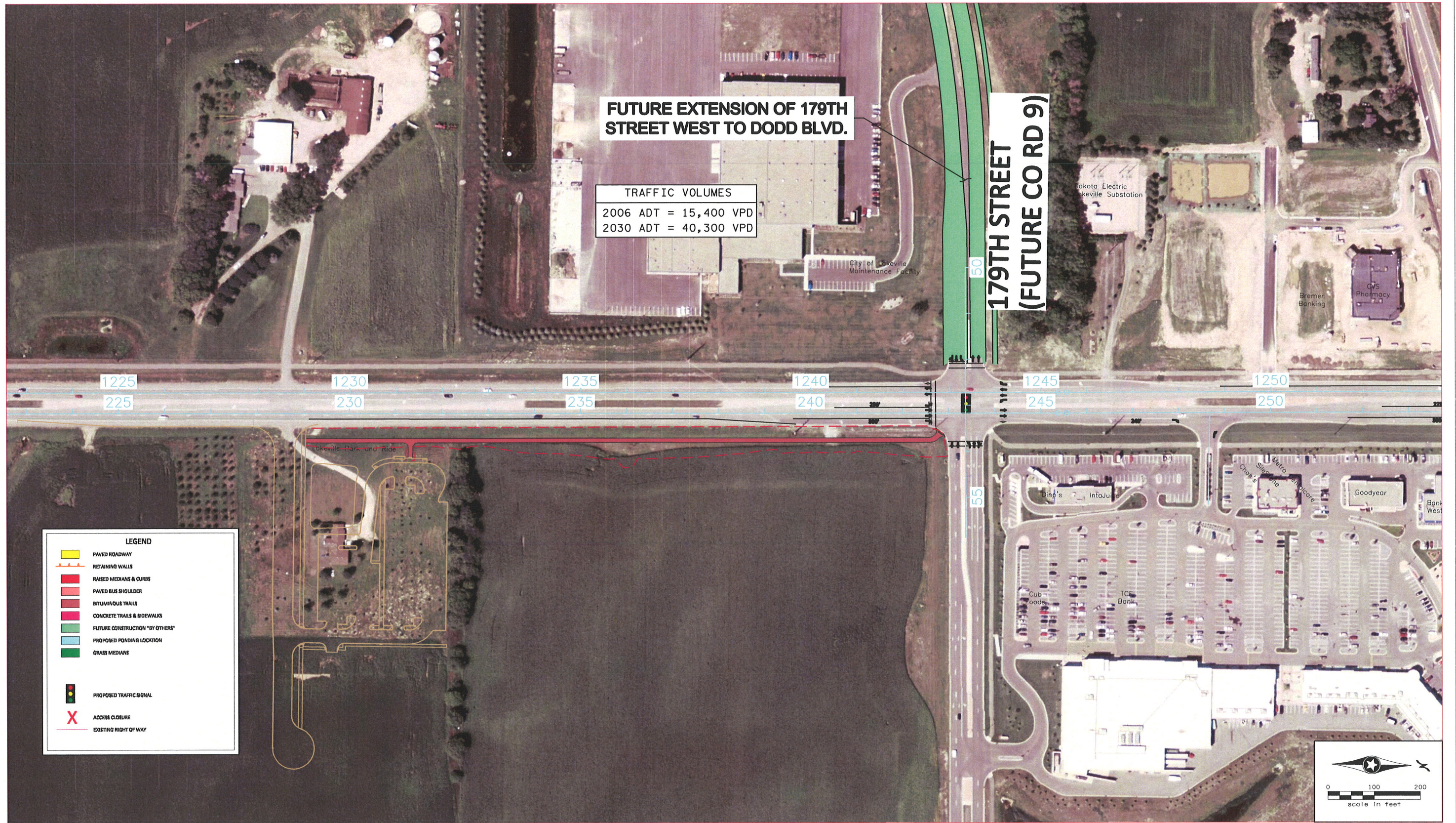
FIGURES

Figure 3: Proposed Roadway

Figure 4: Proposed Typical Sections

Figure 5: Independent Project (City of Apple Valley)

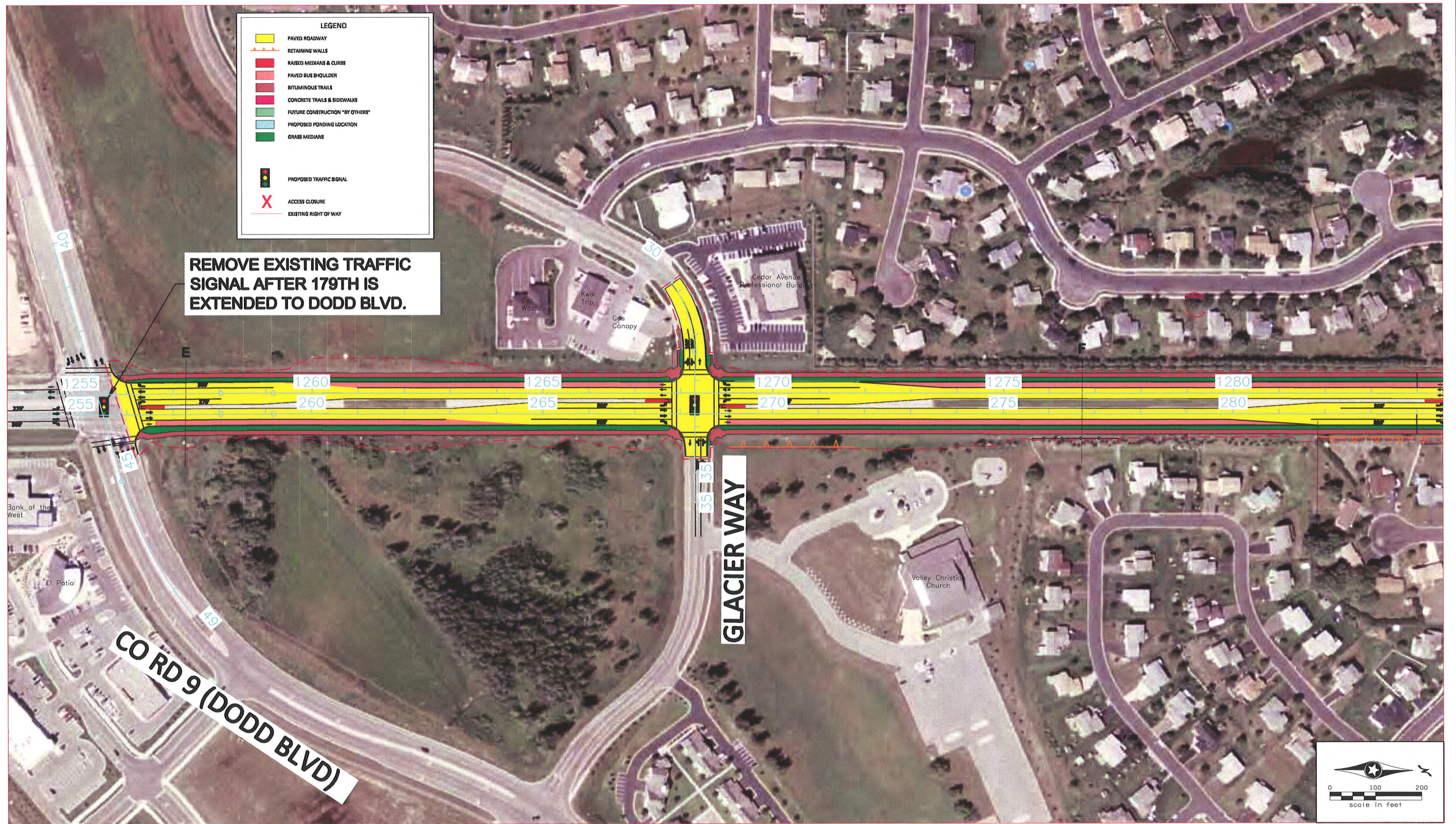
Figure 6: Independent Project (Metropolitan Council Environmental Services)



Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

Figure 3-1

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Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

S.P. 19-623-23, 19-623-24, 19-623-25
Dakota County
Job #6726
February 25, 2010

Figure 3-2