

**T** **Transportation Committee**  
**Meeting date: June 28, 2010**  
**Council meeting July 14, 2010**

**ADVISORY INFORMATION**

**Date:** June 17, 2010  
**Subject:** 2010-2013 Transportation Improvement Program (TIP) Amendment: Include Cedar Avenue project changes (TAB Action 2010-41)  
**District(s), Member(s):** District 16 - Wulff  
**Policy/Legal Reference:** TAB Action  
**Staff Prepared/Presented:** Arlene McCarthy, Director (651-602-1754)  
Amy Vennewitz, Dep. Dir. Finance & Planning (651-602-1058)  
Carl Ohrn, Planning Analyst (651-602-1719)  
**Division/Department:** Metropolitan Transportation Services

**Proposed Action**

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to amend the 2010-2013 Transportation Improvement Program (TIP) to make the following changes to these Cedar Avenue BRT related projects:

- add local funds for project #190623-25 (roadwork from 164<sup>th</sup> St. to 181<sup>st</sup> St. in Lakeville),
- add project #19-623-28 to the TIP in SFY 2011 with local funds used to advance construct a SFY2013 Enhancements funded project (lighting, landscaping and amenities in Lakeville and Apple Valley),
- show new costs for project #19-623-24 (roadwork between CSAH 42 and north of 138<sup>th</sup> St.),
- reflect a change in scope and revise project costs for project #19-623-23 (roadwork from 147<sup>th</sup> St., Apple Valley to 181<sup>st</sup> St., Lakeville).

**Background**

The Cedar Avenue BRT Transitway is currently included in the 2010-2013 TIP under a number of separate projects. These amendments were requested by Dakota County and are needed to identify several changes to the existing projects including adding additional local funds, changing the a project scope to reflect the updated project termini, revising project costs to reflect the latest cost estimates and including a new Enhancement project being advance constructed with local funds.

**Rationale**

In order to use Federal Transportation Funds, the project must be accurately and completely reflected in the current TIP. This amendment reflects the most up-to-date funding sources and projects cost estimates for the Cedar Avenue BRT related projects.

**Funding**

Local funds are being added to the projects. Project #19-623-28 will use local funds to advance construct an Enhancements project awarded in the 2009 Solicitation with federal payback in SFY 2013.

**Known Support / Opposition**

No opposition was presented at the TAC or TAB meetings.

# Transportation Advisory Board

of the Metropolitan Council of the Twin Cities

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Bill Hargis  
Acting Chair

June 18, 2010

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Carver County

Paul Krause  
Dakota County

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Bethany Tjornhom  
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Burnsville City Council

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Richard Mussell  
Transit

Matthew Craig  
Transit

Ron Have  
Freight

David Gepner  
Non-motorized

Peter Bell, Chair  
Metropolitan Council  
390 Robert Street No.  
St. Paul, MN 55101

Mr. Bell,

On June 16, 2010, the Transportation Advisory Board voted to amend the 2010-2013 Transportation Improvement Program to add local funds for SP#19-623-25, and SP#19-623-28; show new costs for SP#19-623-24 and reflect a change in project scope for SP#19-623-23.

This TIP amendment is necessary to revise the project scope and adjust the federal and local shares of the Cedar Avenue projects listed above.

The TAB forwards the TIP amendment action to the Metropolitan Council along with additional information described in TAB action transmittal 2010-41.

Sincerely,



Bill Hargis, Acting Chair  
Transportation Advisory Board

**Transportation Advisory Board**  
of the Metropolitan Council of the Twin Cities

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**ACTION TRANSMITTAL**

No. 2010-41

**DATE:** June 18, 2010  
**TO:** Metropolitan Council  
**FROM:** Transportation Advisory Board  
**SUBJECT:** TIP Amendment for Cedar Avenue Transitway Project Changes.

**MOTION:** The TAB amended 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 181<sup>st</sup> 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 advance 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 164<sup>th</sup> Street to 181<sup>st</sup> 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.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Funding & Programming Committee	Review & Recommend	May 20, 2010
Technical Advisory Committee	Review & Recommend	June 2, 2010
TAB Programming Committee	Review & Recommend	June 16, 2010
Transportation Advisory Board	Review & Adopt	June 16, 2010
Metropolitan Council	Concurrence	



Minnesota Department of Transportation

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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: “147<sup>th</sup> St. Apple Valley to 181<sup>st</sup> St. in Lakeville”. The termini change was made to include the new 181<sup>st</sup> 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 164<sup>th</sup> St. to 181<sup>st</sup> 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.



**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).

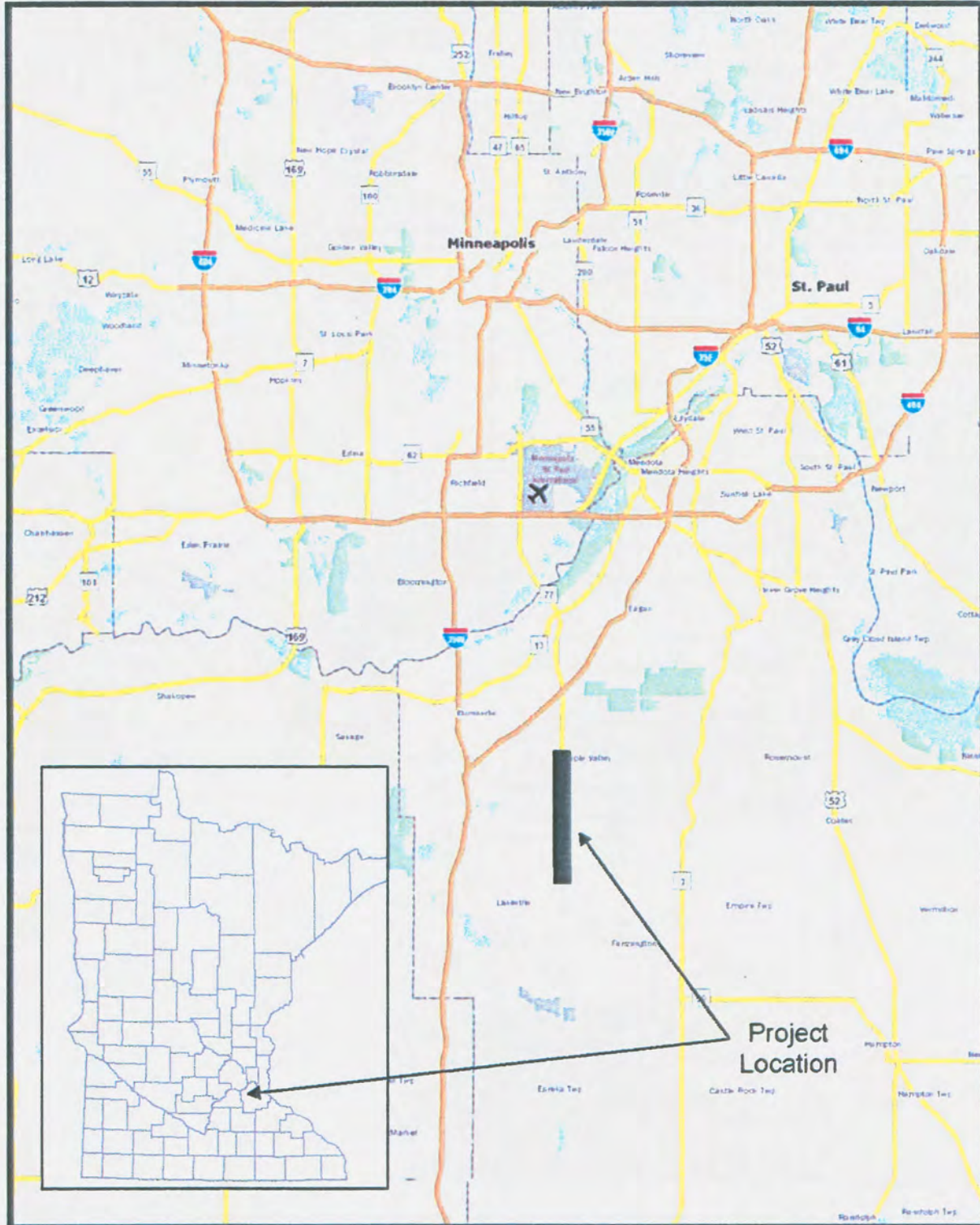
Sincerely,

Todd Howard  
Assistant Dakota County Engineer



## TABLE OF CONTENTS

<b>Figure 1: Project Area .....</b>	<b>iii</b>
<b>Figure 2: Project Location Area .....</b>	<b>iv</b>
<b>Project Administrator .....</b>	<b>2</b>
<b>I. AMENDMENT .....</b>	<b>2</b>
<b>State Transportation Improvement Program Construction Costs .....</b>	<b>3</b>
<b>II. PROPOSED IMPROVEMENTS.....</b>	<b>3</b>
<b>III. PROJECT COST, FUNDING, AND SCHEDULE .....</b>	<b>4</b>
<b>Estimated Project Cost.....</b>	<b>4</b>
<b>Project Funding .....</b>	<b>4</b>
<b>Anticipated Schedule.....</b>	<b>5</b>
 <b>APPENDIX A:</b>	
<b>Figure 3: Geometric Layout</b>	
<b>Figure 4: Proposed Typical Sections</b>	
<b>Figure 5: SP 19-62-24 Independent Project (City of Apple Valley)</b>	
<b>Figure 6: SP 19-623-23 Independent Project (Metropolitan Council Environmental Services)</b>	



**Figure 1: Project Area**



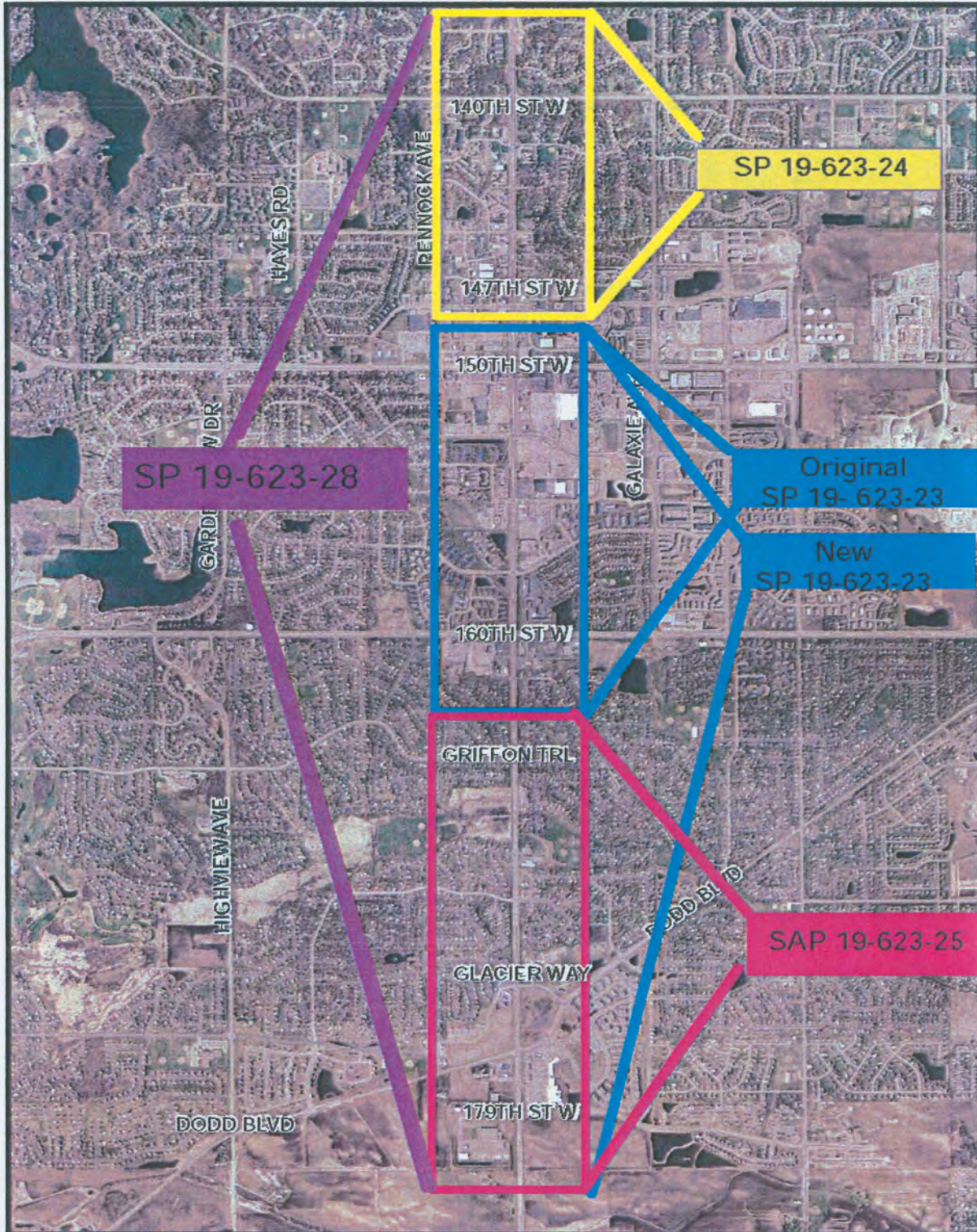
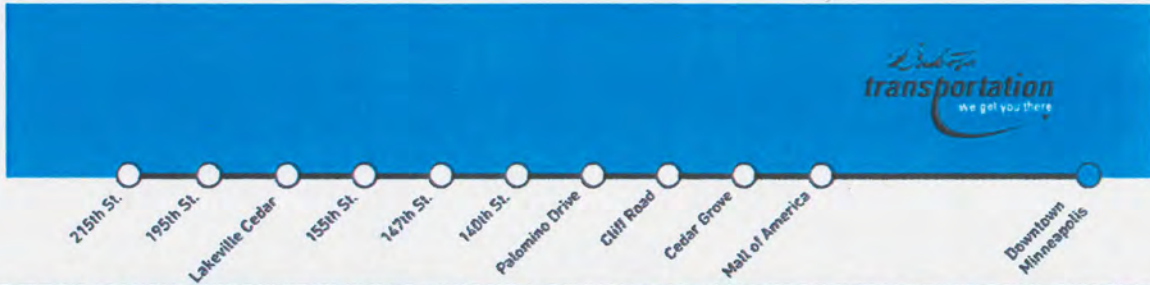


Figure 2: Project Location Area

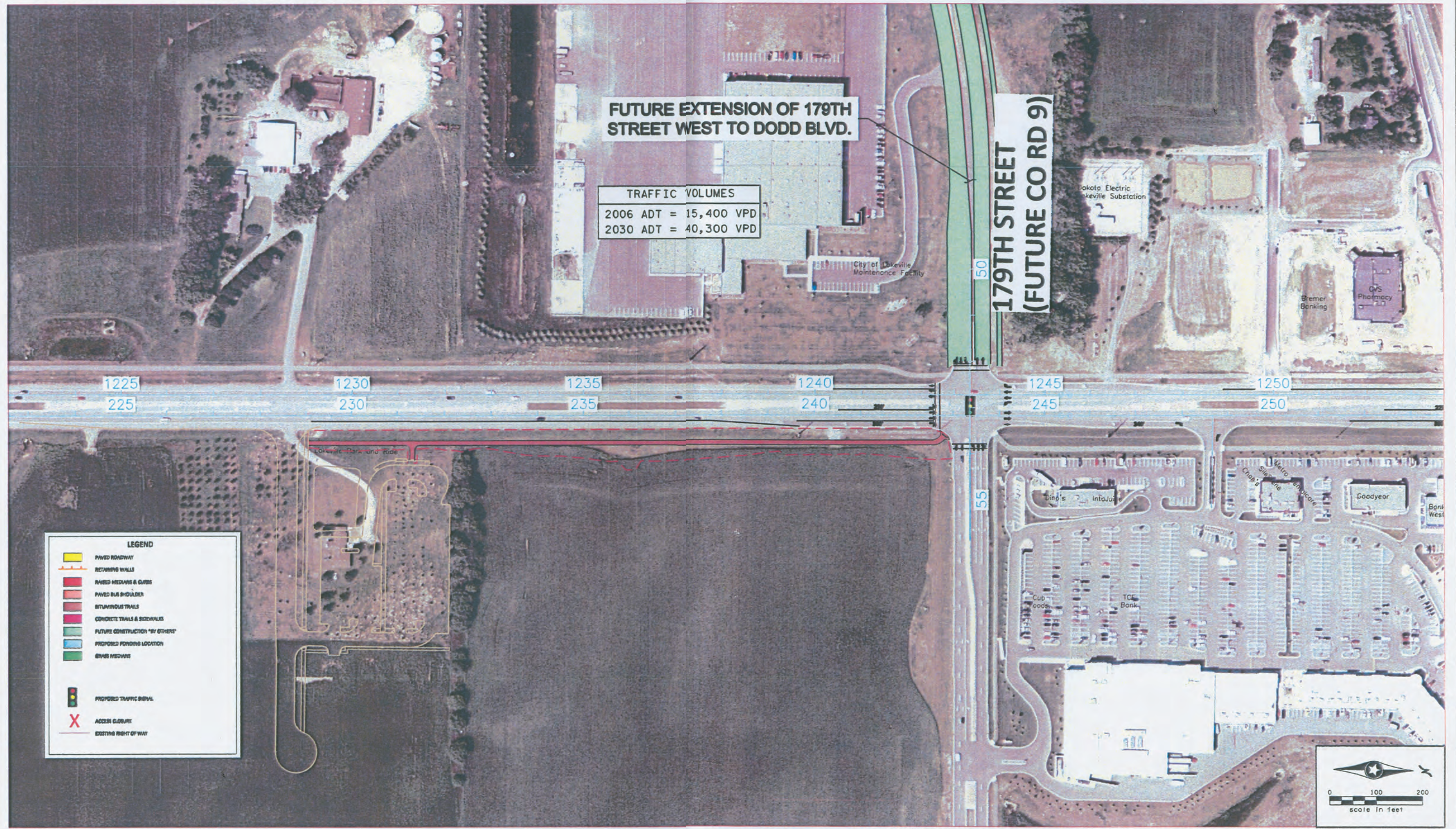
Cedar Ave. Transitway - TIP Amendment

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 <sup>th</sup> St. Apple Valley to 181 <sup>st</sup> St. in Lakeville – Roadway improvements to accommodate Bus Rapid Transit, Intersection upgrades, and construction of a six-lane facility(So. Of 153 <sup>rd</sup> St. to 161 <sup>st</sup> 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 <sup>th</sup> St. to 181 <sup>st</sup> 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
<b>TIP TOTAL for 19-623-23</b>											<b>25,419,377</b>	<b>5,775,000</b>					<b>19,644,377</b>	
2011	M	M	CSAH 23	19-623-24	Dakota County	Dakota CSAH 42 to N of 138 <sup>th</sup> 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 <sup>st</sup> in Lakeville to 138 <sup>th</sup> 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.

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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

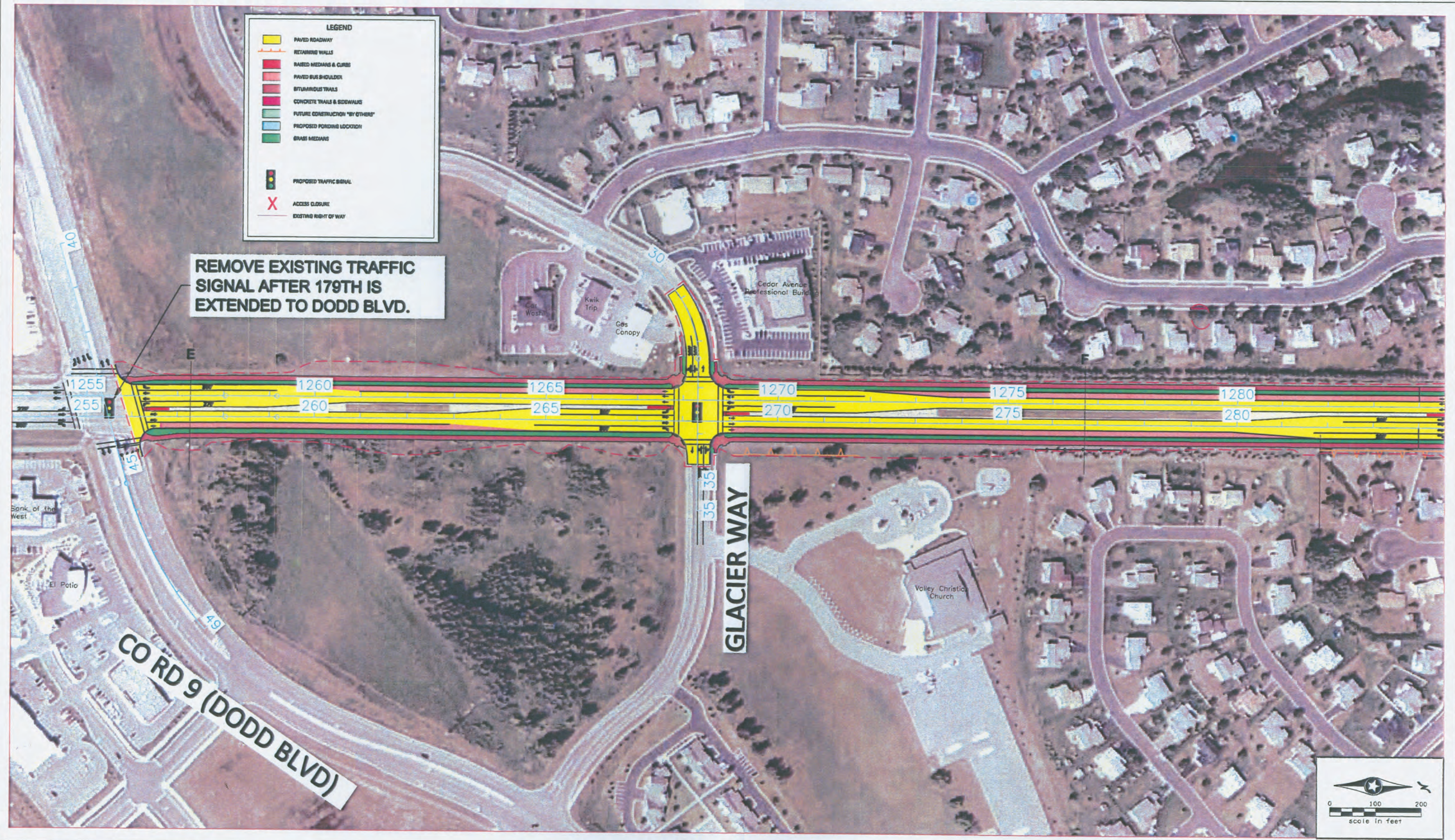
Dakota County

Job #6726

February 25, 2010

Figure 3-1

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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

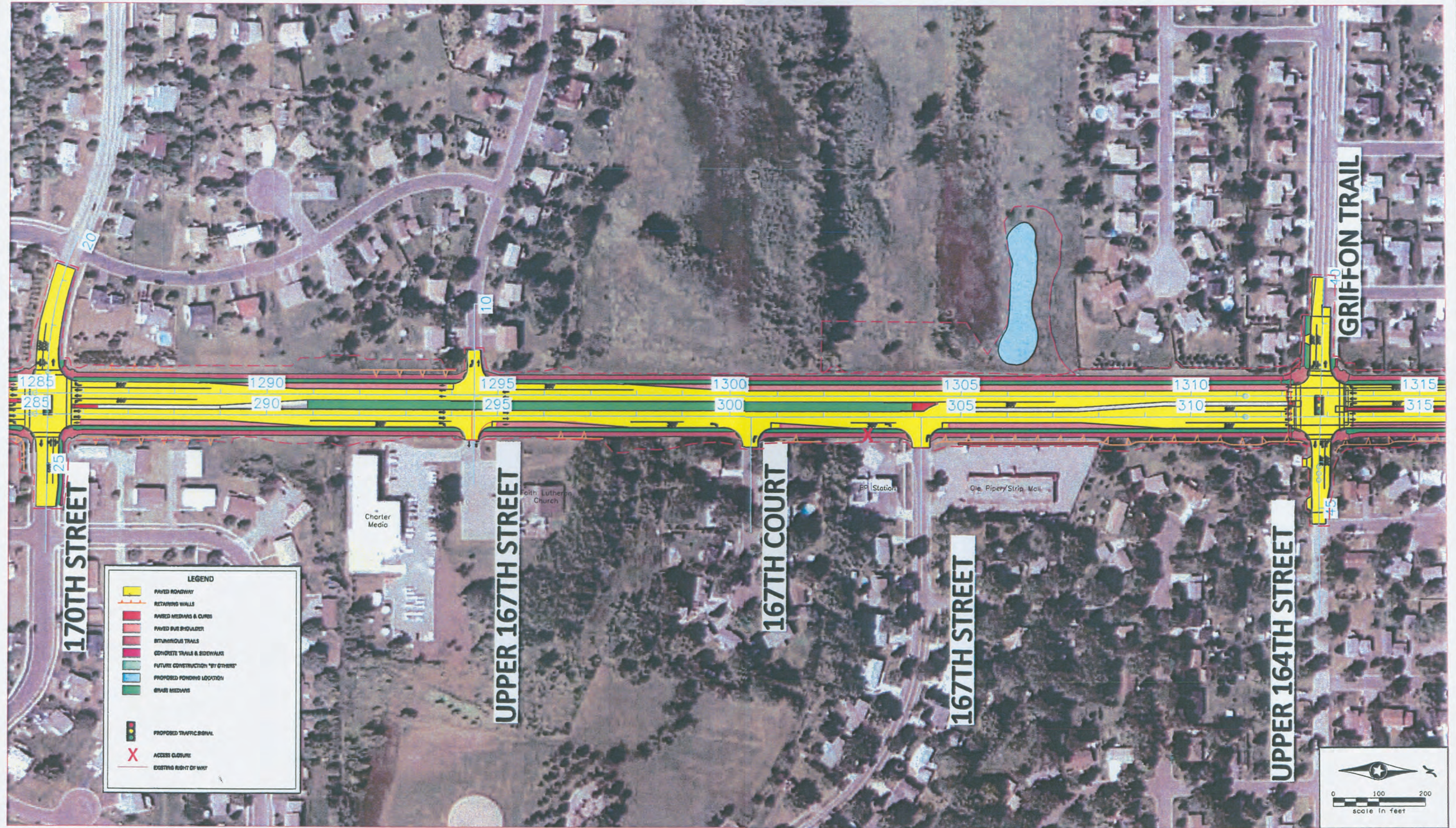
Dakota County

Job #5726

February 25, 2010

Figure 3-2

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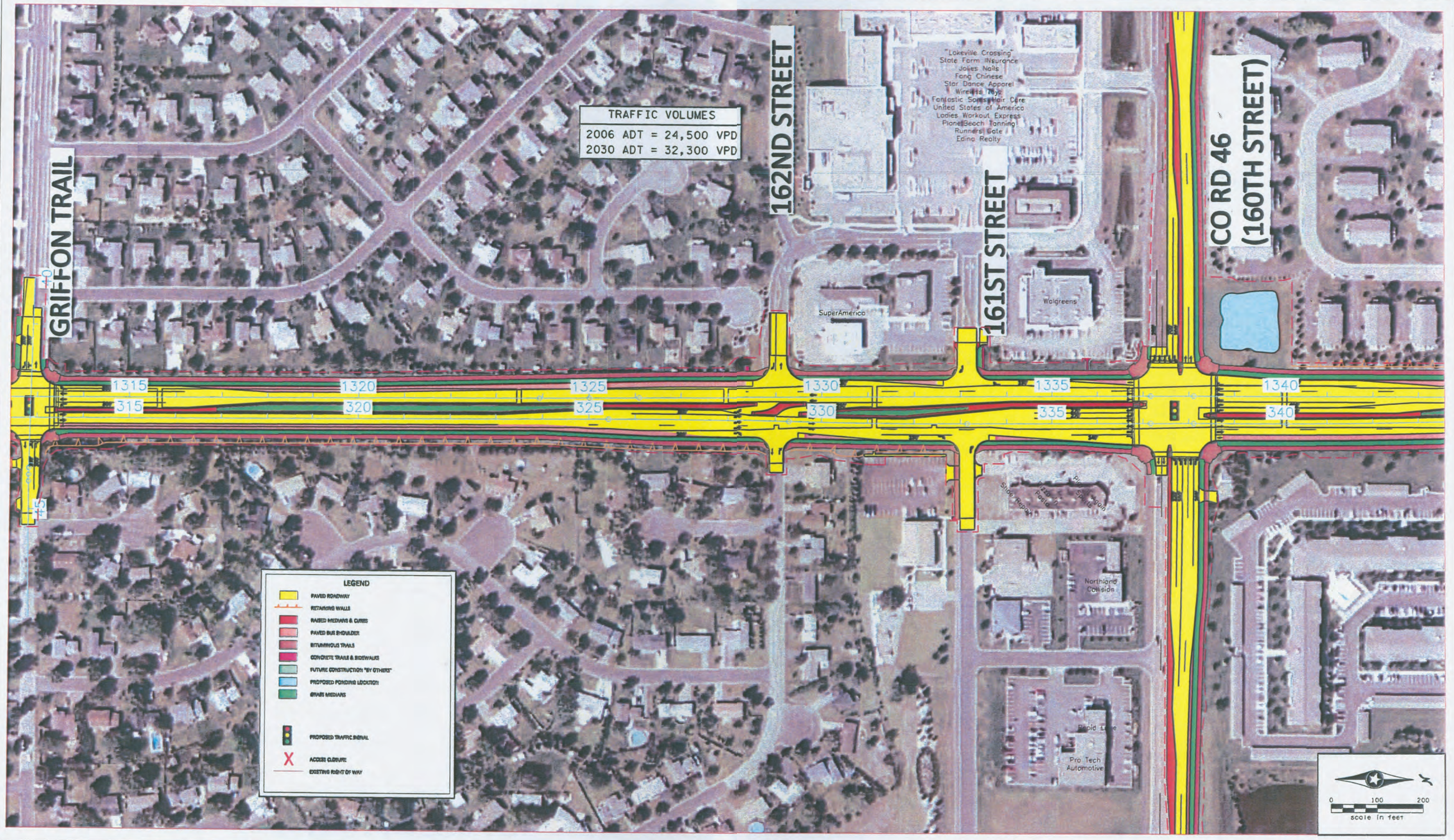


Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

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

Figure 3-3

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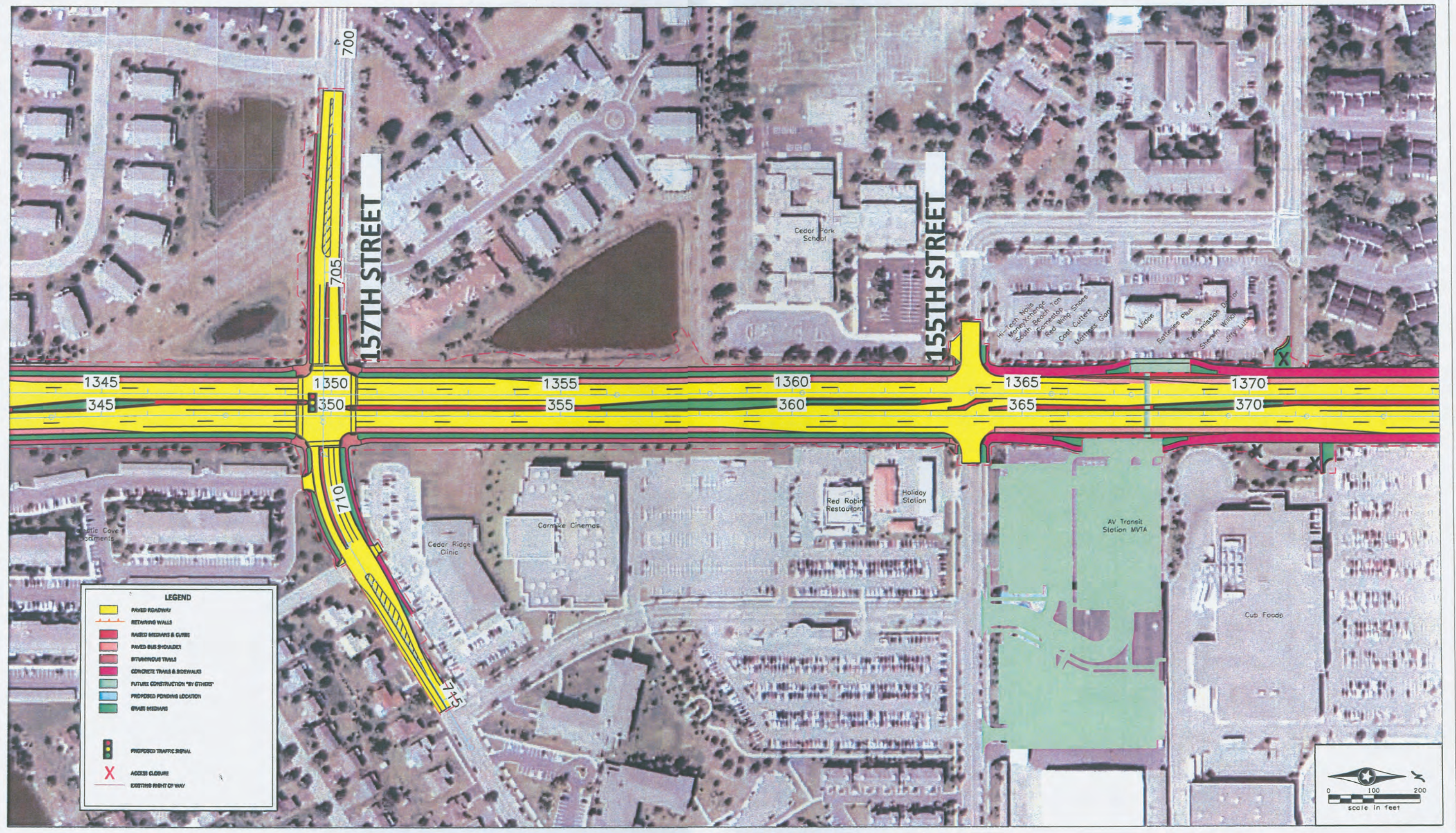
Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

S.P. 19-623-23, 19-623-24, 19-623-25

Dakota County  
Job #6726  
February 25, 2010

Figure 3-4

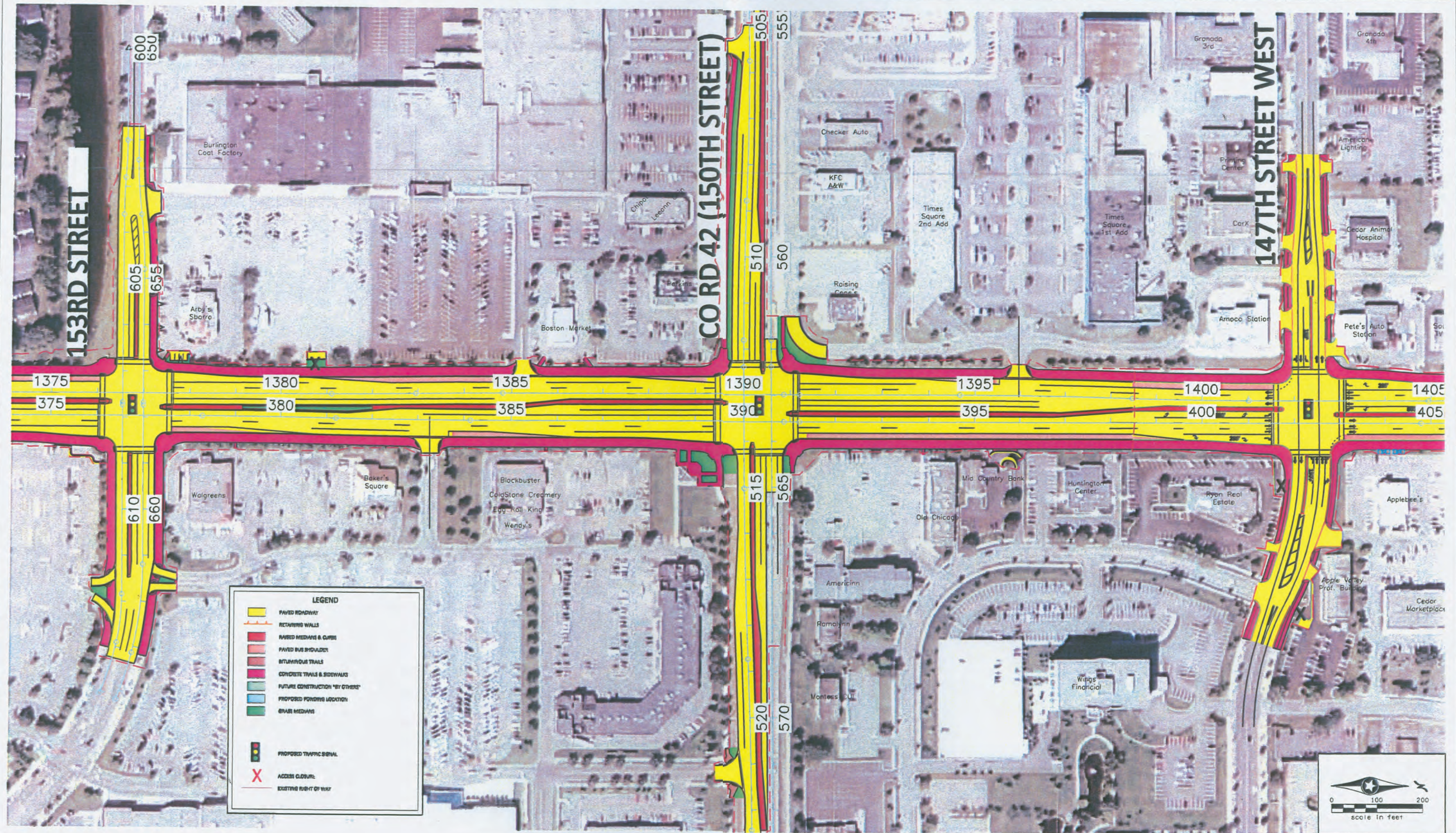
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Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction  
 S.P. 19-623-23, 19-623-24, 19-623-25  
 Dakota County  
 Job #6726  
 February 25, 2010

Figure 3-5

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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

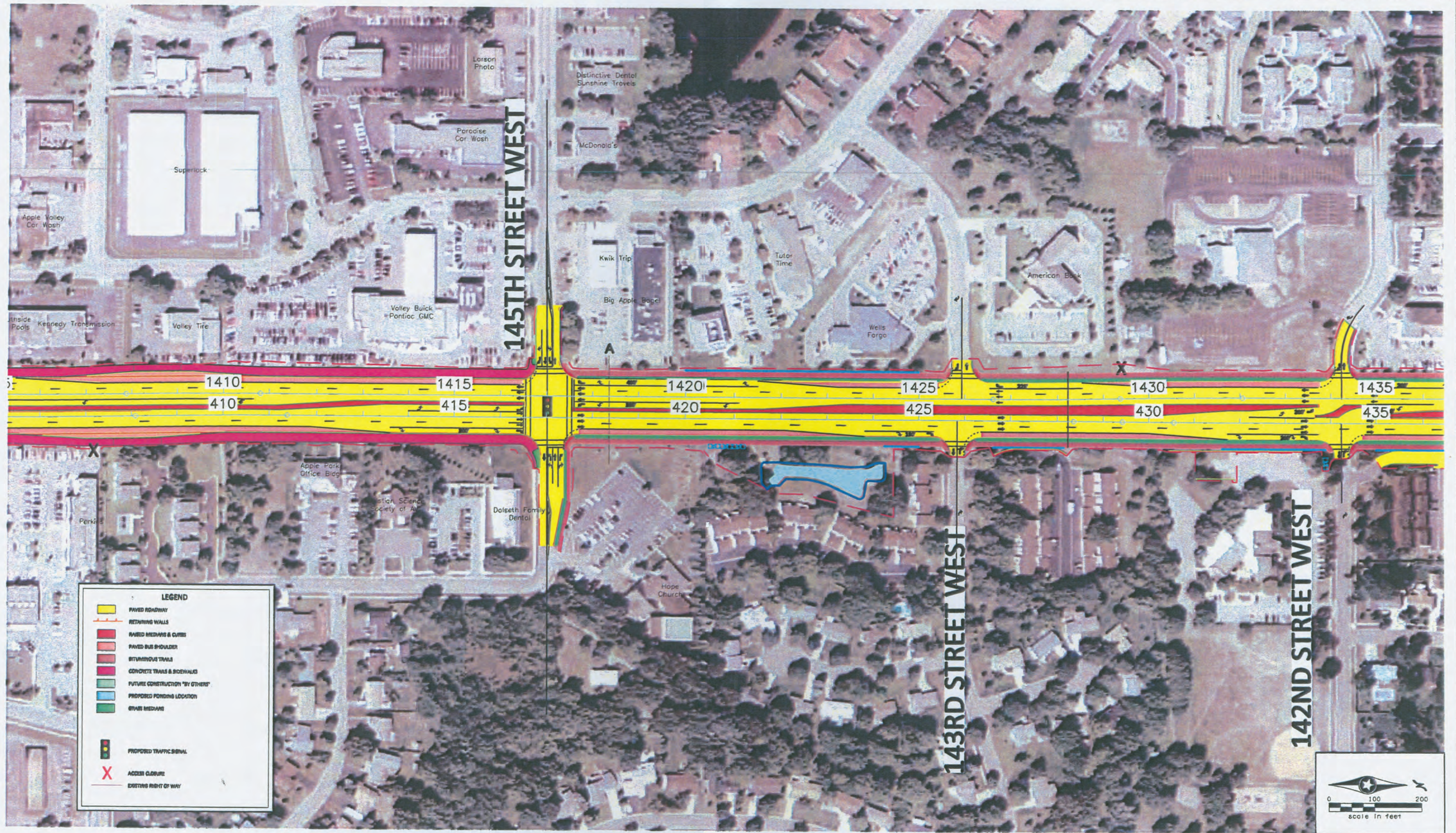
Dakota County

Job #6726  
February 25, 2010

Figure 3-6



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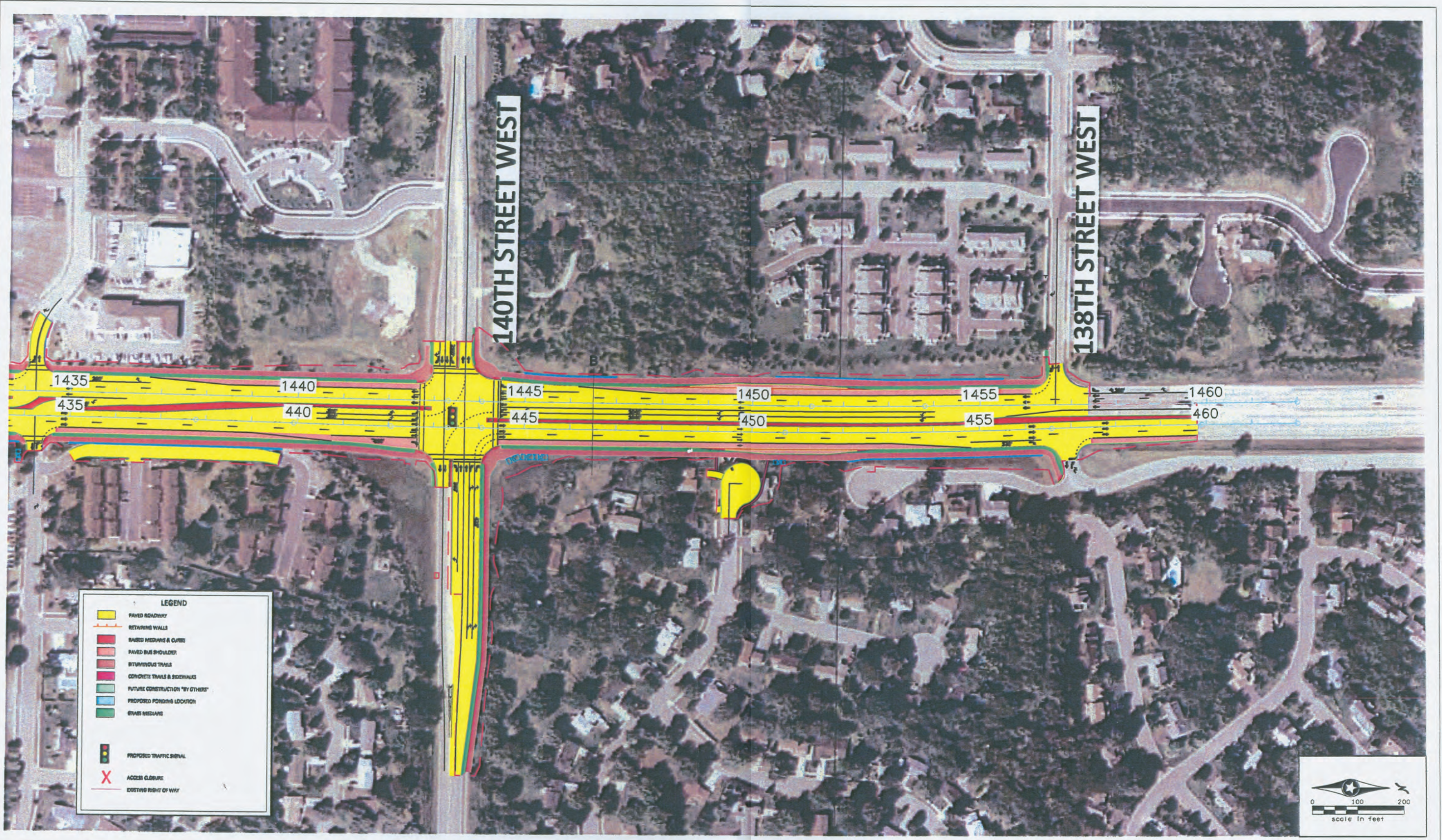


Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

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

Figure 3-7

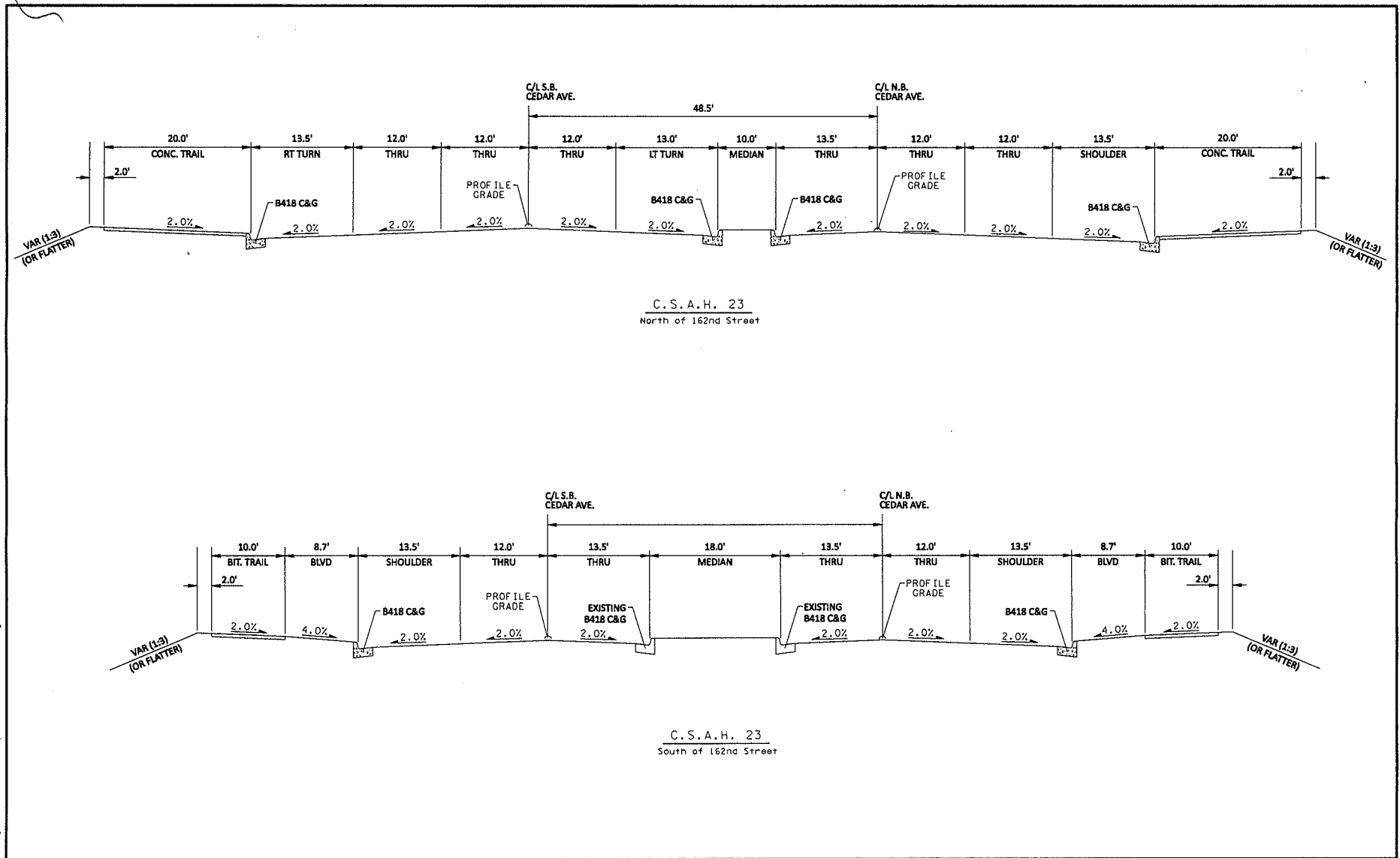
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Geometric Layout ~ County State Aid Highway 23 (Cedar Avenue BRT) Roadway Reconstruction

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

Figure 3-8



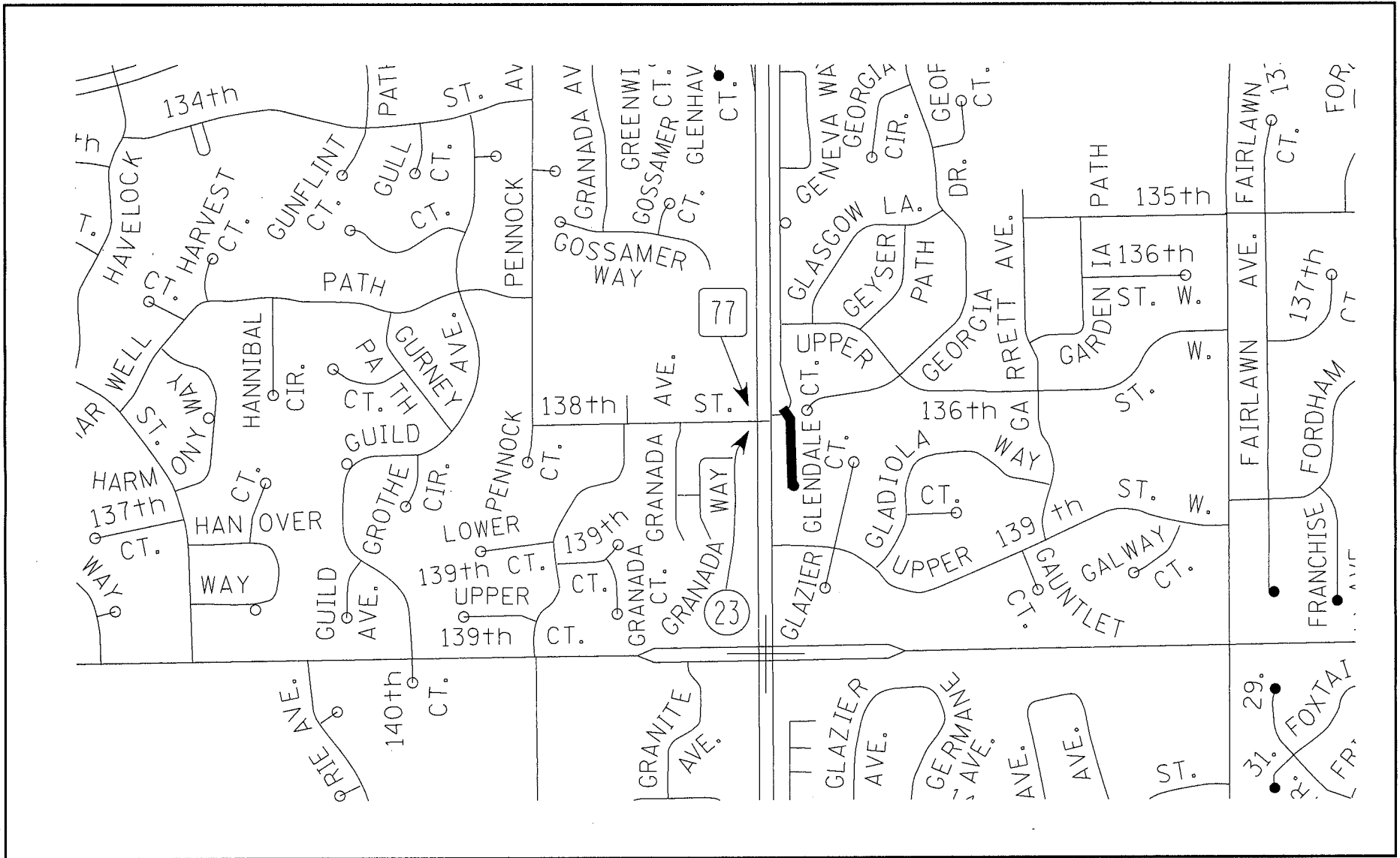
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**PROPOSED TYPICAL SECTIONS**

COUNTY STATE AID HIGHWAY 23 (CEDAR AVENUE BRT) ROADWAY RECONSTRUCTION  
 S.P. 19-623-23, 19-623-24, 19-623-25  
 Dakota County

**Figure 4**

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**PROJECT LOCATION - GLENDALE COURT UTILITY RELOCATIONS**

COUNTY STATE AID HIGHWAY 23 (CEDAR AVENUE BRT) ROADWAY RECONSTRUCTION

S.P. 19-623-23, 19-623-24, 19-623-25

Dakota County

Figure 5

# Figure 6 3-LV-610 Interceptor Rehabilitation - Trenchless

