

**ACTION TRANSMITTAL No. 2014-17**

**DATE:** February 6, 2014  
**TO:** TAC Members  
**FROM:** VOE/aj } a \* A [ { } ac^  
**PREPARED BY:** Bob Paddock  
**SUBJECT:** Roadway Functional Classification Changes  
**REQUESTED ACTION:** Request that the TAC approve the attached roadway functional classification changes in the City of Cottage Grove.

**RECOMMENDED MOTION:** **Move approval of the following changes:**

**#1253** - Hardwood Avenue between 80<sup>th</sup> Street S and 70<sup>th</sup> Street S: Change functional classification from a 'Local' to an 'A-Minor Expander Arterial', and that Harkness Avenue be reclassified from a 'B-Minor Arterial' to a Local.

**#1287 & 1288** – 80<sup>th</sup> Street between US 61 Interchange and Keats Avenue S (CSAH 19); Change functional classification from a B-Minor Arterial to an 'A-Minor Expander Arterial'.

**# 1291 & 1292** – East Point Douglas Road between Hefner Avenue South and K<sup>th</sup> Avenue South: Change the functional classifications from 'Local' and 'B-Minor Arterial' to an 'A-Minor Expander Arterial'.

**#1272** – 100<sup>th</sup> Street South between existing 100<sup>th</sup> Street S near Miller Road and the US61 / Innovation Road interchange: Classify this planned roadway as an 'A-Minor Expander'.

Further, Miller Road from 100<sup>th</sup> Street to Innovation Road be reclassified from an 'A-Minor Expander' to a Local, and Innovation Road from Miller Road to the TH61 interchange be reclassified from a 'B-Minor Arterial' to a Local.

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**BACKGROUND AND PURPOSE OF ACTION:** The City of Cottage Grove, in an effort to align the TAB-adopted functional classification system with the most recent update to the city's comprehensive plan, has requested a series of modifications to the regional functional classification system map. This action is to address those issues.

**RELATIONSHIP TO REGIONAL POLICY:** The Federal Highway Administration requires MnDOT and the region to identify and report the functional classification for its highway system. Appendix D of the 2030 Transportation Policy Plan (adopted November 2010 and amended in 2013) states, "Functional classification involves determining what function each roadway should perform before determining street widths, speed limits, intersection control or other design features. Functional classification ensures that non-transportation factors, such as land use and development, are taken into account when planning and designing streets and highways ... Once function is established, appropriate or desirable design and operational characteristics can be used as further guidelines for implementation."

In addition to the FHWA-required classifications, the region has developed its own administrative classification called "A" Minor Arterials; these identify the minor arterials that are most important to the region because of their active support for the Metropolitan Highway System (Principal Arterials). Regional policy limits the expenditure of federal highway funding to the Regional Highway System (Principal and "A" Minor Arterials). Regional policy identified four types of "A" Minor Arterials: augmentors, connectors, expanders, and relievers. See Appendix D of the 2030 TPP for additional information.

**STAFF ANALYSIS:** Comments are included, where intended, on the functional classification change forms.

**COMMITTEE COMMENTS AND ACTION:** TAC Planning approved change #1253, 1287, 1288, and 1272 as submitted by the city. However, for change #1291 & 1292, the committee approved a reclassification of East Point Douglas Rd only as far south as Keats Avenue rather than the original request to Kimbro Avenue.

Change request #1312 was not approved by the committee at this time. The roadway configuration resulted in a loop that did not appropriately connect to the nearby arterial system. As the area develops in the future, the nature of the road system connection will become more established; the city could resubmit changes at that time.

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#### ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Planning or Funding & Programming Committee	Review & Recommend	February 13, 2014
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Recommend	
Metropolitan Council Transportation Committee	Review & Recommend	
Metropolitan Council	Review & Adopt	

# Regional Functional Classification Change Request Form

ID Number: 1253

Date of Request: *Internal Use Only*

## Roadway Name: Hardwood Avenue South

Roadway CSAH #

Roadway MSA # 112

Roadway County Rd #

Request Type: Existing

## Functional Classification Information:

### Existing Roadway

Current Classification: Local

Requested Classification:

A Minor Expander

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

### Planned Roadway

Current Classification: N/A

Requested Classification: -----

If other:

## Request Information:

Change Start Location: 80<sup>th</sup> Street South

Change End Location: 70<sup>th</sup> Street South

Length of Requested Change (Miles): 1.1

Dependent on other Requested Changes: No

Road name(s) or ID Number(s) of dependent requests: 1254

Involves other jurisdictions (-----) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change  
Harkness Avenue South is currently shown as a B Minor Arterial between 70<sup>th</sup> Street South and 80<sup>th</sup> Street South. The connection with 70<sup>th</sup> Street South and 80<sup>th</sup> Street South from Harkness Avenue South has been removed with the reconstruction of Hardwood Avenue South. Hardwood Avenue South now provides the main movement between 70<sup>th</sup> Street South and 80<sup>th</sup> Street South.

----- Required for B-Minor, A-Minor and PA Requests -----

**Criteria:** Illustrate how the requested change to a roadway functional classification complies with the following criteria:

Place Connections: This segment provides a critical north/south link between 70<sup>th</sup> Street South and 80<sup>th</sup> Street South as an additional option for residential commuters to US 61 and destination travellers to the City's commercial area.

Spacing: The nearest north/south A Minor Expander is Hinton Avenue South at 0.5 miles.

Management: The goal of this segment is to provide continuous movement during the peak periods and maintain a 20 mph average speed. Currently, the segment is posted at 30 mph.

System Connections & Access Spacing: This segment connects to 70<sup>th</sup> Street South with an all-way stop control and 80<sup>th</sup> Street South with a traffic signal control.

# Regional Functional Classification Change Request Form

ID Number: 1253

Date of Request: *Internal Use Only*

Trip Making Services: Trips on this segment include local commuters wishing to access US 61 from either 70<sup>th</sup> Street South or 80<sup>th</sup> Street South. This segment also provides access to the City's commercial area adjacent to US 61.

Mobility vs. Land Access: The focus of this segment is mobility. Access is limited along the corridor and provides direct and controlled access to 70<sup>th</sup> Street South and 80<sup>th</sup> Street South.

**IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes:**

(from Table D-4 in TPP, [http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\\_FunClass.pdf](http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D_FunClass.pdf) )

**Use:** Provides connections from Principal Arterial to developing areas.

**Location:** Outside of I-494/694 loop within the MUSA.

**Trip Length:** Medium to long trips.

**Problem Addressed:** Accommodate added urban development.

**(Optional) Typical Characteristics:** Providing the following to support the request

Intersection Treatments: Traffic signal control with 80<sup>th</sup> Street South, all-way stop control with 70<sup>th</sup> Street South, and minor leg stop control with access points along corridor.

Present AADT: 7,000

Estimated Future AADT/Year: 9,800

Source of Estimated AADT/Date: Current CSAH Traffic Projection Factor for Washington County (1.4).

Posted Speed: 30 mph

## ----- Required for All Requests -----

**MAP:** Please attach an 8.5 by 11 map of the requested change. Please include all appropriate labels and highlight the roadway in question.

### Contact Information:

Agency/City/County: City of Cottage Grove

Contact Person: Jennifer Levitt

Phone: 651-458-2890

Fax: 561-458-2897

Email: [jlevitt@cottage-grove.org](mailto:jlevitt@cottage-grove.org)

Address: 12800 Ravine Parkway South

City: Cottage Grove

State: MN

Zip: 55016

## ----- Committee Staff ONLY -----

### Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

# Regional Functional Classification Change Request Form

ID Number: 1253

Date of Request: *Internal Use Only*

Staff Recommendation: Approval

MnDOT Consent: YES  NO

Comments: Hardwood Ave is only 1/2 mile from the nearest parallel minor arterial but does help to serve north-south accessibility to TH61 and local retail facilities along E. Point Douglas Rd.

Potential Issues:

## Change Tracking:

TAC Planning Record of Decision: Approved as submitted

Date: Feb 13, 2014

TAC Record of Decision:

Date:

TAB Record of Decision (PA ONLY):

Date:

Mn/DOT Notification:

Date:

*Geography Recorded: -----*

*Date:*

*Previous Action ID:*

*Date:*



# Regional Functional Classification Change Request Form

ID Number: 1287 & 1288  
Date of Request: 2-6-14

## Roadway Name: 80<sup>th</sup> Street

Roadway CSAH #

Roadway MSA # 102

Roadway County Rd #

Request Type: Existing

## Functional Classification Information:

### Existing Roadway

Current Classification: B Minor

Requested Classification:

A Minor Expander

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

### Planned Roadway

Current Classification: -----

Requested Classification: -----

If other:

## Request Information:

Change Start Location: US 61 Interchange

Change End Location: Keats Avenue South (CSAH 19)

Length of Requested Change (Miles): 3.05

Dependent on other Requested Changes: No

Road name(s) or ID Number(s) of dependent requests:

Involves other jurisdictions (-----) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change

The proposed change provides consistency on the route, which is currently classified as A Minor Expander between East Point Douglas Road and Hinton Avenue, and B Minor Arterial for the remainder.

----- Required for B-Minor, A-Minor and PA Requests -----

**Criteria:** Illustrate how the requested change to a roadway functional classification complies with the following criteria:

Place Connections: 80<sup>th</sup> Street South is a critical East/West link for the City between US 61 (Principal Arterial) to the West and Keats Avenue South/CSAH 19 (A Minor Expander) to the East. This connection provides mobility from the urban development, schools, and commercial areas to US 61 or north to I-94 in Woodbury.

Spacing: Spacing for adjacent East/West Minor Arterials is at 1 mile which includes 70<sup>th</sup> Street South to the North and 90<sup>th</sup> Street South to the South.

Management: The goal is to provide continuous movement on the corridor during peak periods. The posted speeds along the corridor range from 35-45 mph. Intersection control varies from minor street stop control to signalization. Additional signals would be proposed

# Regional Functional Classification Change Request Form

ID Number: 1287 & 1288

Date of Request: 2-6-14

as warrants are met. Access along the corridor is controlled and spacing is consistent with the City's access management guidelines.

System Connections & Access Spacing: The West end of the corridor is connected to US 61 (Principal Arterial) with a full access diamond interchange. The East end is connected to Keats Avenue (A Minor Expander) with all-way stop control. North/South A Minor Expander connections are also made at 1 mile spacing with Hinton Avenue South and Jamaica Avenue South. These connections are also all-way stop control. Access spacing is following the City's current guidelines.

Trip Making Services: Trips along this corridor are comprised of local residents travelling from homes to and from Cottage Grove commercial areas, US 61 access to the metro area, and trips to Woodbury / I-94 access. Multiple schools (Elementary, Middle, and High) and churches are located adjacent the corridor. Commercial properties are concentrated at the US 61 interchange.

Mobility vs. Land Access: The focus of this corridor is to provide mobility.

## **IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes:**

(from Table D-4 in TPP, [http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\\_FunClass.pdf](http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D_FunClass.pdf) )

**Use:** Provides connections from Principal Arterial to developing areas

**Location:** Outside of I-494/694 loop within the MUSA

**Trip Length:** Medium to long trips

**Problem Addressed:** Accommodate added urban development

**(Optional) Typical Characteristics:** Providing the following to support the request

Intersection Treatments: Existing interchange at US 61 with traffic signal controlled ramps. Traffic Signals and all-way stop control is provided at intersecting A Minor Expander. Minor leg stop control is provided at all local streets.

Present AADT: 3,700-22,400

Estimated Future AADT/Year: 5,180-31,360

Source of Estimated AADT/Date: Current CSAH Traffic Projection Factor for Washington County (1.4).

Posted Speed: 35 mph-45 mph

----- **Required for All Requests** -----

# Regional Functional Classification Change Request Form

ID Number: 1287 & 1288  
Date of Request: 2-6-14

**MAP:** Please attach an 8.5 by 11 map of the requested change. Please include all appropriate labels and highlight the roadway in question.

## Contact Information:

Agency/City/County: City of Cottage Grove

Contact Person: Jennifer Levitt

Phone: 651-458-2890

Fax: 651-458-2897

Email: jlevitt@cottage-grove.org

Address: 12800 Ravine Parkway South

City: Cottage Grove

State: MN

Zip: 55016

----- *Committee Staff ONLY* -----

## Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Approval

MnDOT Consent: YES  NO

Comments: This roadway is one of the major east-west facilities within the city; most of it is currently a B-Minor, but reclassification of all segments from Keats Ave to TH 61 makes sense in view of the overall roadway system and the importance of this roadway to the community.

Potential Issues:

## Change Tracking:

TAC Planning Record of Decision: Approved as submitted

Date: Feb 13, 2014

TAC Record of Decision:

Date:

TAB Record of Decision (PA ONLY):

Date:

Mn/DOT Notification:

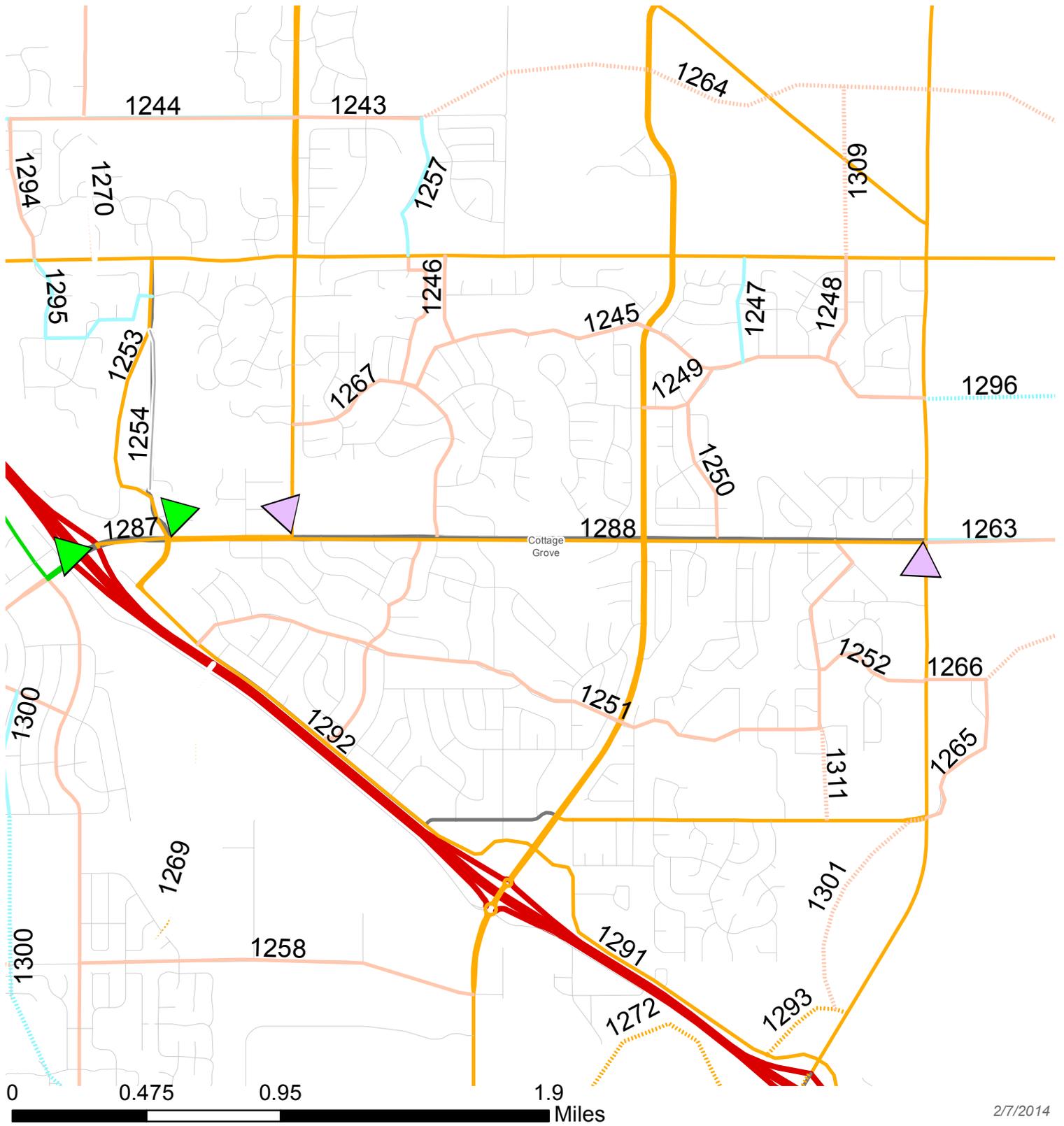
Date:

Geography Recorded: -----

Date:

Previous Action ID:

Date:



**Title: Cottage Grove  
Requested  
1287 1288**

- |  |                    |  |                    |
|--|--------------------|--|--------------------|
|  | Principal Arterial |  | Principal Arterial |
|  | A Minor Augmentor  |  | A Minor Augmentor  |
|  | A Minor Reliever   |  | A Minor Reliever   |
|  | A Minor Expander   |  | A Minor Expander   |
|  | A Minor Connector  |  | A Minor Connector  |
|  | B Minor            |  | B Minor            |
|  | Major Collector    |  | Major Collector    |
|  | Minor Collector    |  | Minor Collector    |
|  | Local              |  | Local              |



2/7/2014



# Regional Functional Classification Change Request Form

ID Number: 1291 & 1292

Date of Request: 2-6-14

## Roadway Name: E. Point Douglas RD.

Roadway CSAH #

Roadway MSA # 112

Roadway County Rd #

Request Type: Existing

## Functional Classification Information:

### Existing Roadway

Current Classification: B Minor

Requested Classification:

A Minor Expander

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

### Planned Roadway

Current Classification: -----

Requested Classification: -----

If other:

## Request Information:

Change Start Location: Hefner Avenue South

Change End Location: Kimbro Avenue South

Length of Requested Change (Miles): 4.05

Dependent on other Requested Changes: No

Road name(s) or ID Number(s) of dependent requests: 1293

Involves other jurisdictions (-----) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change

The purpose of this change is to provide consistency on this corridor with the function it serves today, and the proposed function it is anticipated to provide as outlined by the City's comprehensive plan.

The current functional classification for East Point Douglas Road is A Minor Expander from 80<sup>th</sup> Street South to Hefner Road South, which is then terminated at a proposed crossing of US 61 to the south. East Point Douglas Road then continues to 90<sup>th</sup> Street South as B Minor Arterial.

As part of this mapping update, the City also proposes to remove the US 61 crossing as it does not fit with the City's vision for the corridor in the comprehensive plan.

Development along East Point Douglas Road has grown along the corridor. Commercial businesses have developed along the entire corridor, particularly at the interchange locations. Recent development of a Walmart and adjacent commercial property is underway at the Keats Avenue South intersection. Realignment of East Point Douglas Road is also proposed in Phase 2 of the commercial property development at the Walmart location.

With projected growth in traffic volumes based on additional development, the corridor from Keats Avenue South (CSAH 19) to Kimbro Avenue South is proposed to be added as A Minor Expander. This will provide mobility and access to the commercial area for

# Regional Functional Classification Change Request Form

ID Number: 1291 & 1292

Date of Request: 2-6-14

residents and travelers from the west of the Ravine area of Cottage Grove and from the north.

Proposed additions of Minor Arterial designations include:

A Minor Expander designation for East Point Douglas Road from Hefner Avenue South to Kimbro Avenue South.

A Minor Expander designation for Kimbro Avenue South from East Point Douglas Road from Hefner Avenue South to US 61.

Proposed additions of A Planned Minor Expander designations include:

Planned A Minor Expander designation for East Point Douglas Road from existing East Point Douglas Road to Keats Avenue South (CSAH 19) along a planned alignment as shown in the attached figure.

## ----- Required for B-Minor, A-Minor and PA Requests -----

**Criteria:** Illustrate how the requested change to a roadway functional classification complies with the following criteria:

Place Connections: Provides a connection for users to residential and commercial land uses.

Spacing: Intersections with other minor arterials occur at 1/2 to 1 mile spacing.

Management: Posted speeds are 30 mph.

System Connections & Access Spacing: This segment connects with 70<sup>th</sup> Street South, 80<sup>th</sup> Street South, and Keats Avenue South (CSAH 19) with signal or stop control. Accesses for residential and commercial land uses follow the City's access guidelines.

Trip Making Services: This route services residents and work trips from the entire city limits and adjacent cities. This corridor includes commercial destinations for the surrounding region.

Mobility vs. Land Access: The purpose of this route is to provide mobility for residential and commercial trips to the Principal Arterial (US 61) and adjacent minor arterials (70<sup>th</sup> Street South, 80<sup>th</sup> Street South, Keats Avenue South (CSAH 19)).

**IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes:**

(from Table D-4 in TPP, [http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\\_FunClass.pdf](http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D_FunClass.pdf) )

**Use:** Provides connections from Principal Arterial to developing areas

# Regional Functional Classification Change Request Form

ID Number: 1291 & 1292

Date of Request: 2-6-14

**Location:** Outside of I-494/694 loop within the MUSA

**Trip Length:** Medium to long trips

**Problem Addressed:** Accommodate added urban development

**(Optional) Typical Characteristics:** Providing the following to support the request

Intersection Treatments: 1

Present AADT: 8,700 - 10,100

Estimated Future AADT/Year: 10,000 - 20,000

Source of Estimated AADT/Date: Comprehensive Plan (2008), Walmart Traffic Analysis (2012), Cottage View Area Traffic Analysis (2012)

Posted Speed: 30 mph

----- **Required for All Requests** -----

**MAP:** Please attach an 8.5 by 11 map of the requested change. Please include all appropriate labels and highlight the roadway in question.

### Contact Information:

Agency/City/County: City of Cottage Grove

Contact Person: Jennifer Levitt

Phone: 651-458-2890

Fax: 651-458-2897

Email: jlevitt@cottage-grove.org

Address: 12800 Ravine Parkway South

City: Cottage Grove

State: MN

Zip: 55016

----- **Committee Staff ONLY** -----

### Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Approval

MnDOT Consent: YES  NO

Comments: One staff uncertainty about the A-Minor Arterial designation concerns the roadway segment between Keats Ave (CSAH 19) and Kimbro Ave. Given current traffic volume and adjacent land uses, does this roadway segment serve as a minor arterial or as a 'local' at this point in time? What are the city's plans along this particular segment?

Potential Issues:

# Regional Functional Classification Change Request Form

ID Number: 1291 & 1292

Date of Request: 2-6-14

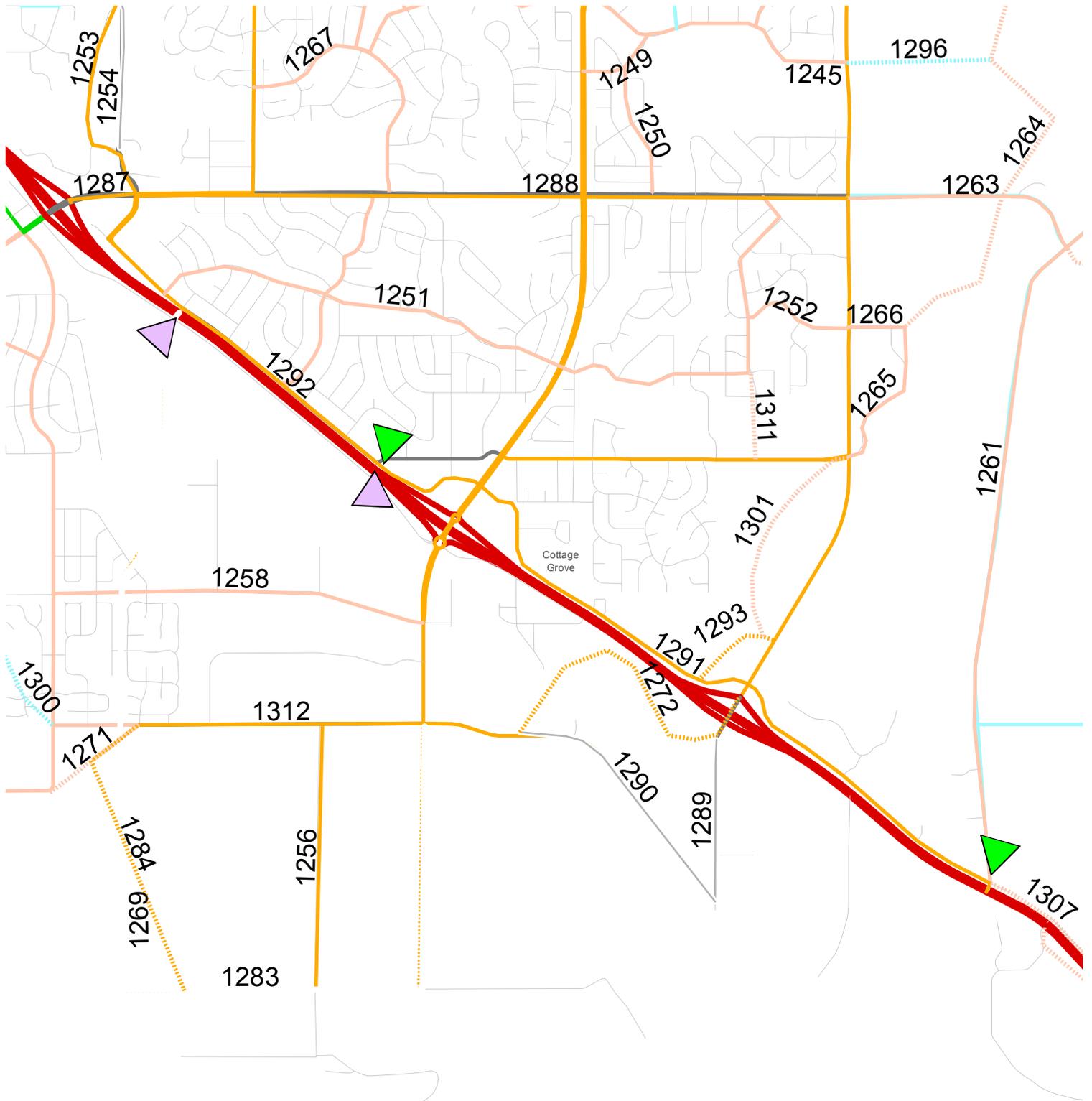
## Change Tracking:

TAC Planning Record of Decision: TAC-Planning approved A-Minor Expander from Hefner Avenue southward ONLY to Keats Avenue. Date: Feb 13, 2014

TAC Record of Decision:	Date:
TAB Record of Decision (PA ONLY):	Date:
Mn/DOT Notification:	Date:

<i>Geography Recorded: -----</i>	<i>Date:</i>
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<i>Previous Action ID:</i>	<i>Date:</i>
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**Title: Cottage Grove  
Requested  
1291 1292 1293**

- |  |                    |  |                    |
|--|--------------------|--|--------------------|
|  | Principal Arterial |  | Principal Arterial |
|  | A Minor Augmentor  |  | A Minor Augmentor  |
|  | A Minor Reliever   |  | A Minor Reliever   |
|  | A Minor Expander   |  | A Minor Expander   |
|  | A Minor Connector  |  | A Minor Connector  |
|  | B Minor            |  | B Minor            |
|  | Major Collector    |  | Major Collector    |
|  | Minor Collector    |  | Minor Collector    |
|  | Local              |  | Local              |



2/7/2014



# Regional Functional Classification Change Request Form

ID Number: 1272

Date of Request: 2-6-14

## Roadway Name: 100<sup>th</sup> Street South

Roadway CSAH #

Roadway MSA #

Roadway County Rd #

Request Type: Planned

### Functional Classification Information:

#### Existing Roadway

Current Classification: N/A

Requested Classification: N/A

If other:

#### Planned Roadway

Current Classification: N/A

Requested Classification: A Minor Expander

If other:

Planned to existing Contingent Conditions: Road is opened

Other / Explain:

### Request Information:

Change Start Location: Existing 100th Street South

Change End Location: US 61 / Innovation Rd interchange

Length of Requested Change (Miles): 1.2 Miles

Dependent on other Requested Changes: No

Road name(s) or ID Number(s) of dependent requests: 1289 1290

Involves other jurisdictions (-----) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change

The City of Cottage Grove and Washington County partnered in a study to assess the transportation needs of the area southwest of US 61 and CSAH 19 (Keats Avenue South). The study area included portions of Cottage Grove, Saint Paul Park, and Grey Cloud Island Township. Land use anticipated in the City of Cottage Grove's comprehensive plan for this area includes urban development, which would consist of commercial, industrial, and residential regions.

Based on the proposed land use for this area and traffic volume projections developed from the study, there is a lack of minor arterial roadways to service this anticipated growth.

The recommendation from the study and agreed by the parties involved show that 100<sup>th</sup> Street South be planned to provide the minor expander function.

Improvements recommended at the interchange area includes realignment of 100<sup>th</sup> Street / Innovation Road at the interchange and its connection to Jamaica Avenue South. With proposed expansion from the 3M companies and connectivity to West Point Douglas Road, upgrades to the existing route following Innovation Road and 100<sup>th</sup> Street South adjacent to the 3M properties were not preferred. A new planned route to accommodate a 4-lane section and bypass future property development of 3M has been developed and is included in the attached figure.

# Regional Functional Classification Change Request Form

ID Number: 1272

Date of Request: 2-6-14

Proposed additions of A Minor Expander designations include:

Planned A Minor Expander designation for the recommended 100<sup>th</sup> Street South alignment from the proposed connection of existing 100<sup>th</sup> Street South to the US 61 interchange.

Proposed removals of System designations include:

A Minor Expander designation from 100<sup>th</sup> Street South / Miller Road from the tie down of the new alignment to Innovation Road.

B Minor designation from Miller Road to the US 61 interchange.

## ----- Required for B-Minor, A-Minor and PA Requests -----

**Criteria:** Illustrate how the requested change to a roadway functional classification complies with the following criteria:

Place Connections: Provides an improved connection to proposed residential, commercial, and industrial land uses identified for the southwest area of US 61. Provides a link to potential river crossing studied by the County and future minor arterial loop connection in St. Paul Park.

Spacing: Greater than 1/2 Mile. No East/West A Minor Expander connection is present south of US 61.

Management: The revised alignment creates spacing and minimal direct access to adjacent properties. Planned design speed of 40 mph.

System Connections & Access Spacing: West end connects to the existing 100<sup>th</sup> Street South A Minor Expander. The east end connects to the Principal Arterial US 61 interchange.

Trip Making Services: Trips in the southwest area will combine residential use along with commercial and industrial uses as outlined in the City's comprehensive land use plan.

Mobility vs. Land Access: The route planned is to provide mobility between the residential, commercial, and industrial land uses to the Principal Arterial US 61 interchange.

**IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes:**

(from Table D-4 in TPP, [http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\\_FunClass.pdf](http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D_FunClass.pdf) )

**Use:** Provides mobility from Principal Arterial US 61 to developing residential, commercial, and industrial areas.

# Regional Functional Classification Change Request Form

ID Number: 1272

Date of Request: 2-6-14

**Location:** Outside of I-494/694 loop within the MUSA

**Trip Length:** Medium to long trips

**Problem Addressed:** Accommodate mobility to growing urban development area.

**(Optional) Typical Characteristics:** Providing the following to support the request

Intersection Treatments: Modified Diamond Interchange at US 61. Stop control for intersecting roadways and removal of Miller Road intersection at termini with the planned realignment of 100<sup>th</sup> Street South.

Present AADT: 2,700 - Innovation Road south of US 61

Estimated Future AADT/Year: Future 100<sup>th</sup> Street South Realignment - > 10,000

Source of Estimated AADT/Date: SW Area Transportation Study - 2008

Posted Speed: 40 mph

## ----- Required for All Requests -----

**MAP:** Please attach an 8.5 by 11 map of the requested change. Please include all appropriate labels and highlight the roadway in question.

### Contact Information:

Agency/City/County: City of Cottage Grove

Contact Person: Jennifer Levitt

Phone: 651-458-2890

Fax: 651-458-2897

Email: jlevitt@cottage-grove.org

Address: 12800 Ravine Parkway South

City: Cottage Grove

State: MN

Zip: 55016

## ----- Committee Staff ONLY -----

### Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Approval

MnDOT Consent: YES  NO

Comments: This classification change is basically a realignment of the A-Minor Expander designation from existing Miller Road to the planned new roadway that will more directly connect to TH 61 at Keats Ave and downgrade of the current roadways to local roadways.  
Potential Issues:

### Change Tracking:

TAC Planning Record of Decision: Approved as submitted

Date: Feb 13, 2014

TAC Record of Decision:

Date:

# Regional Functional Classification Change Request Form

ID Number: 1272

Date of Request: 2-6-14

TAB Record of Decision (PA ONLY):  
Mn/DOT Notification:

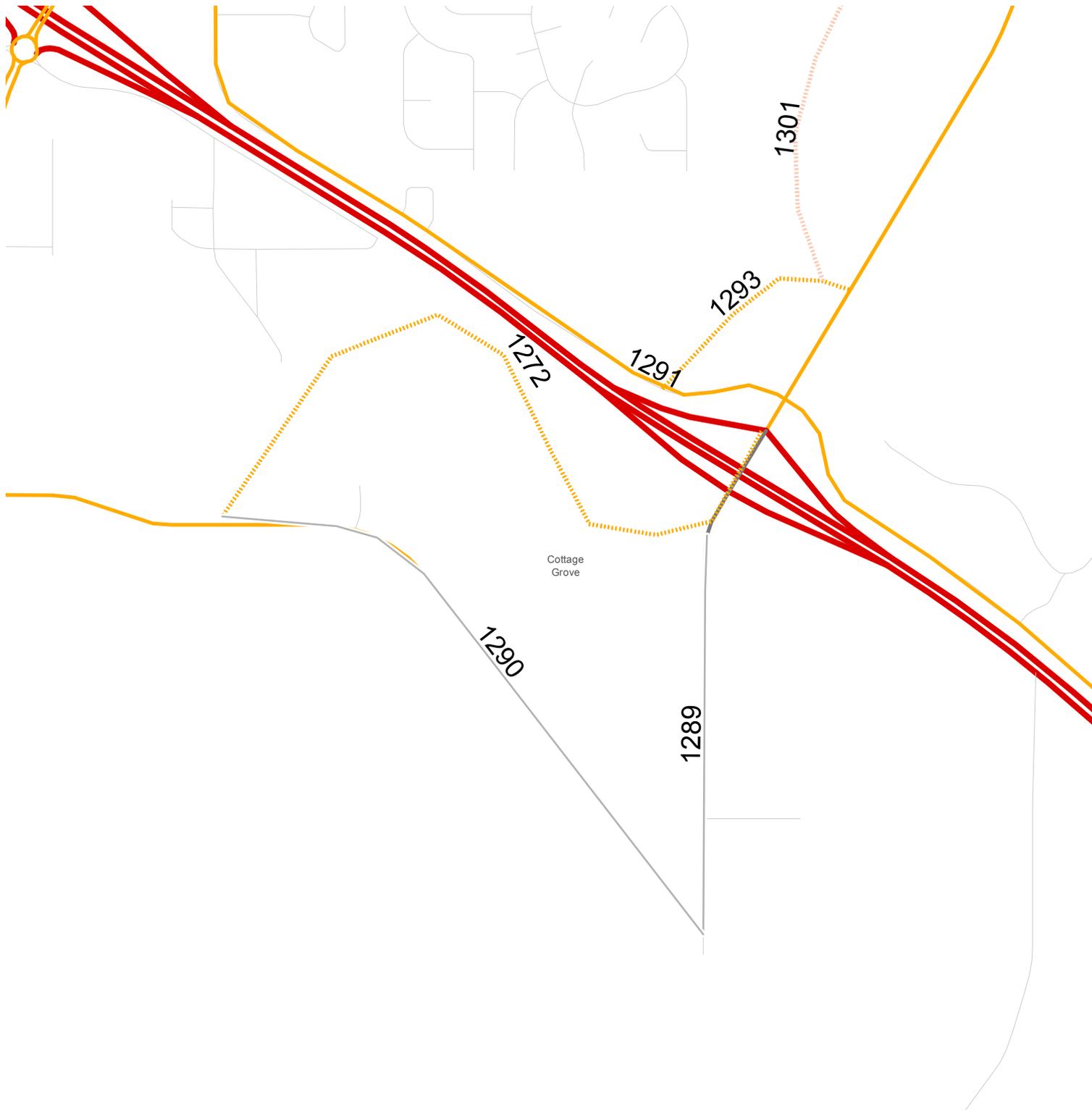
Date:  
Date:

*Geography Recorded: -----*

*Date:*

*Previous Action ID:*

*Date:*

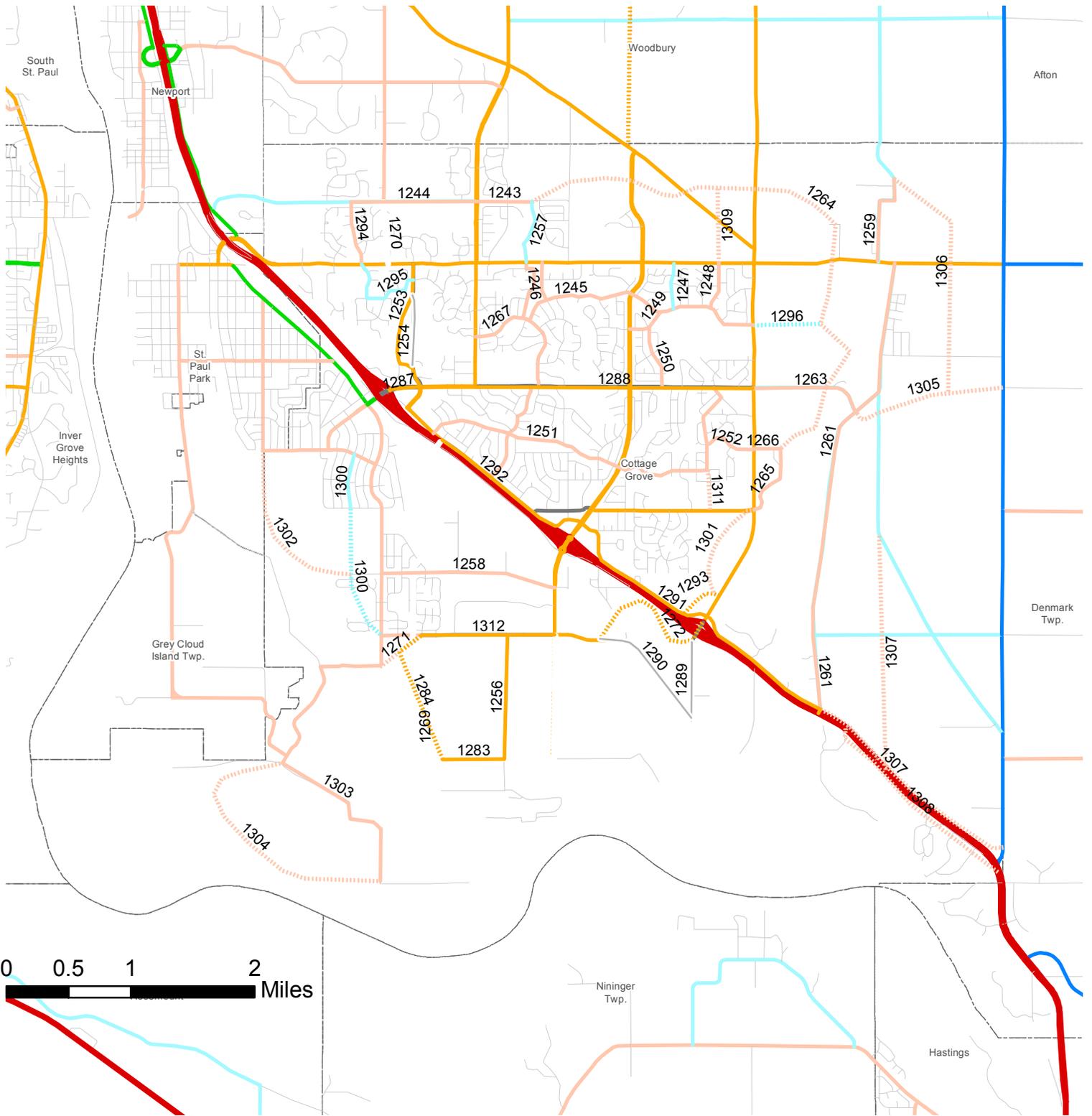


**Title: Cottage Grove  
Requested  
1272 1289 1290**

- |                    |                    |
|--------------------|--------------------|
| Principal Arterial | Principal Arterial |
| A Minor Augmentor  | A Minor Augmentor  |
| A Minor Reliever   | A Minor Reliever   |
| A Minor Expander   | A Minor Expander   |
| A Minor Connector  | A Minor Connector  |
| B Minor            | B Minor            |
| Major Collector    | Major Collector    |
| Minor Collector    | Minor Collector    |
|                    | Local              |

2/7/2014





2/7/2014

# Title: Cottage Grove Requested

- |  |                    |  |                    |
|--|--------------------|--|--------------------|
|  | Principal Arterial |  | Principal Arterial |
|  | A Minor Augmentor  |  | A Minor Augmentor  |
|  | A Minor Reliever   |  | A Minor Reliever   |
|  | A Minor Expander   |  | A Minor Expander   |
|  | A Minor Connector  |  | A Minor Connector  |
|  | B Minor            |  | B Minor            |
|  | Major Collector    |  | Major Collector    |
|  | Minor Collector    |  | Minor Collector    |
|  | Local              |  | Local              |



# Regional Functional Classification Change Request Form

ID Number: 1312

Date of Request: 2-6-14

## Roadway Name: 100<sup>th</sup> Street South

Roadway CSAH #

Roadway MSA # 108

Roadway County Rd #

Request Type: Existing

## Functional Classification Information:

### Existing Roadway

Current Classification: B Minor

Requested Classification:

A Minor Expander

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

### Planned Roadway

Current Classification: N/A

Requested Classification: A Minor Expander

If other:

## Request Information:

Change Start Location: Intersection of No named road connecting 100<sup>th</sup> Street with 110<sup>th</sup> Street.

Change End Location: Jamaica Avenue

Length of Requested Change (Miles): 1.3 Miles

Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: Realignment of currently unnamed A Minor Expander from 110<sup>th</sup> Street to the realigned 100<sup>th</sup> Street alignment. RELATED TO 1256 1283 1284 1269 (PLANNED)

Involves other jurisdictions (-----) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change

The City of Cottage Grove and Washington County partnered in a study to assess the transportation needs of the area southwest of US 61 and CSAH 19 (Keats Avenue South). The study area included portions of Cottage Grove, Saint Paul Park, and Grey Cloud Island Township. Land use anticipated in the City of Cottage Grove's comprehensive plan for this area includes urban development, which would consist of commercial, industrial, and residential regions.

Based on the proposed land use for this area and traffic volume projections developed from the study, there is a lack of minor arterial roadways to service this anticipated growth.

The recommendation from the study and agreed by the parties involved show that 100<sup>th</sup> Street South be planned to provide the minor expander function in this area.

The existing functional classification for this area provides a minor expander connection/loop along Jamaica Avenue South from US 61 to 110<sup>th</sup> Street South, 110<sup>th</sup> Street South to NONA (No Named Road), NONA to US 61 along a future planned route.

# Regional Functional Classification Change Request Form

ID Number: 1312

Date of Request: 2-6-14

As development has occurred in this area, the NONA (No Named Road) alignment from 100<sup>th</sup> Street South to US 61 has become obsolete. The proposed functional class changes to this area would bring consistency between the mapping and future local development and regional mobility in this area.

Proposed additions of A Minor Expander designations include:

A Minor Expander designation for 100th Street South from the intersection of NONA (No Named) Road connection to Jamaica Avenue South. This section of 100th Street is currently classified as Minor Arterial B. Based on the findings of the Southwest Transportation Study, 100th Street is the recommended minor expander route to provide the best mobility for the future land uses anticipated for this area and to perpetuate mobility to the communities north and west.

A Minor Expander designation for Ideal Avenue South from 110th Street South to 100th Street South. This alignment better serves the access needs for future development in the area based on the City's comprehensive land use plan than the planned Jamaica Avenue South extension.

Removals of A Minor Expander designations include:

Planned A Minor Expander designation of NONA (No Named) Road from 110th Street South to East Point Douglas Road. Based on future land use and existing development, this alignment is not considered functional. Removal of the route from 100<sup>th</sup> Street South to East Point Douglas Road is being requested. Due to geographic restrictions of existing parkland west of the alignment, the section from 110<sup>th</sup> Street South is proposed to shift along the parkland property line. A revised alignment is shown in the attached figure.

Planned A Minor Expander designation of 110th Street South from Ideal Avenue South to planned Jamaica Avenue.

Planned A Minor Expander designation of Jamaica Avenue South from 110th Street South to 100th Street South. Based on future land use in the area, this alignment is inconsistent with anticipated access locations. It is intended to shift this route west to Ideal Avenue South.

## ----- Required for B-Minor, A-Minor and PA Requests -----

**Criteria:** Illustrate how the requested change to a roadway functional classification complies with the following criteria:

Place Connections: Provides an improved connection to proposed residential, commercial, and industrial land uses identified for the southwest area of US 61. Provides a link to

# Regional Functional Classification Change Request Form

ID Number: 1312

Date of Request: 2-6-14

potential river crossing studied by the County, and future minor arterial loop connection in St. Paul Park.

Spacing: Greater than 1/2 Mile. No East/West minor arterial connection is present south of US 61.

Management: The revised alignment creates spacing and minimal direct access to adjacent properties. Planned design speed of 40 mph.

System Connections & Access Spacing: West end connects to the revised NONA alignment and further to 103<sup>rd</sup> Street. The East end connects to Jamaica Avenue South.

Trip Making Services: Trips in the southwest area will combine residential use along with commercial and industrial uses as outlined in the City's comprehensive land use plan.

Mobility vs. Land Access: The route planned is to provide mobility between the residential, commercial, and industrial land uses to the Principal Arterial US 61 interchange via Jamaica Avenue South or 100<sup>th</sup> Street South/Keats Avenue South.

## **IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes:**

(from Table D-4 in TPP, [http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\\_FunClass.pdf](http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D_FunClass.pdf) )

**Use:** Provides mobility from Principal Arterial US 61 to developing residential, commercial, and industrial areas.

**Location:** Outside of I-494/694 loop within the MUSA

**Trip Length:** Medium to long trips

**Problem Addressed:** Accommodate mobility to growing urban development area.

**(Optional) Typical Characteristics:** Providing the following to support the request

Intersection Treatments: Stop control is provided at intersections with Ideal Avenue South and Jamaica Avenue South.

Present AADT: 3,300 - Hadley Avenue South to Jamaica Avenue South

Estimated Future AADT/Year: 100<sup>th</sup> Street - > 10,000

Source of Estimated AADT/Date: SW Area Transportation Study - 2008

Posted Speed: 40 mph

----- **Required for All Requests** -----

**MAP:** Please attach an 8.5 by 11 map of the requested change. Please include all appropriate labels and highlight the roadway in question.

# Regional Functional Classification Change Request Form

ID Number: 1312

Date of Request: 2-6-14

## Contact Information:

Agency/City/County: City of Cottage Grove

Contact Person: Jennifer Levitt

Phone: 651-458-2890

Fax: 651-458-2897

Email: jlevitt@cottage-grove.org

Address: 12800 Ravine Parkway South

City: Cottage Grove

State: MN

Zip: 55016

----- *Committee Staff ONLY* -----

## Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Approval

MnDOT Consent: YES

NO

Comments:

Potential Issues:

## Change Tracking:

TAC Planning Record of Decision: Not approved. The requested removed of the planned north-south minor arterial, when combined with other arterial changes would result in a "loop" roadway that currently serves undeveloped land that did not interconnect with the adjacent arterial system. Committee felt that this did NOT meet the criteria for a minor arterial at this time.

Date: Feb 13, 2014

TAC Record of Decision:

Date:

TAB Record of Decision (PA ONLY):

Date:

Mn/DOT Notification:

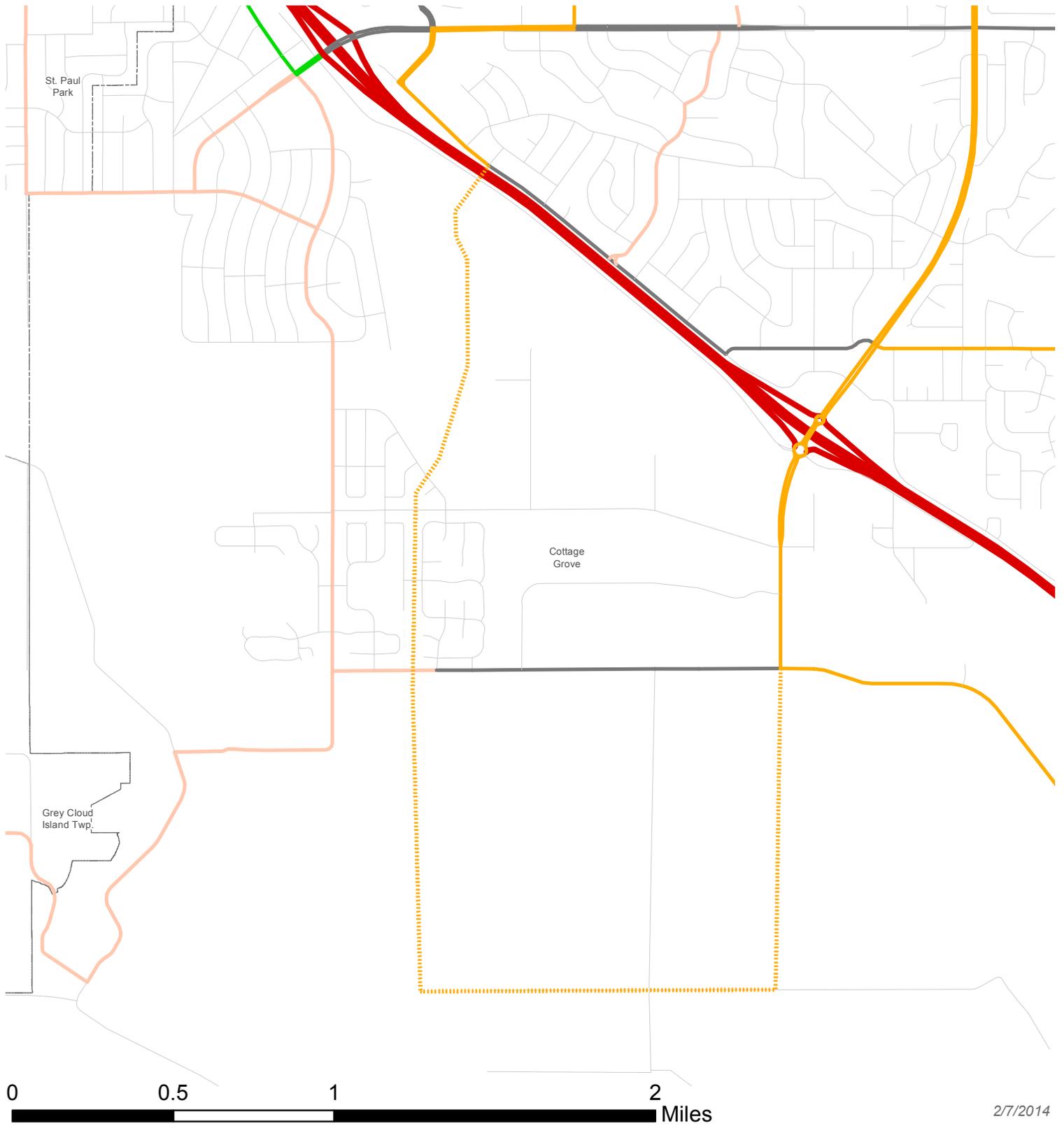
Date:

Geography Recorded: -----

Date:

Previous Action ID:

Date:



**Title: Cottage Grove Existing  
1312 (1283 1284 1256 1269)**

- |   |                    |   |                    |
|---|--------------------|---|--------------------|
|   | Principal Arterial | — | Principal Arterial |
|   | A Minor Augmentor  | — | A Minor Augmentor  |
|   | A Minor Reliever   | — | A Minor Reliever   |
|   | A Minor Expander   | — | A Minor Expander   |
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|   | B Minor            | — | B Minor            |
|   | Major Collector    | — | Major Collector    |
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| — | Local              | — | Local              |

2/7/2014



