

## **ACTION TRANSMITTAL 2017-13**

**DATE:** April 6, 2017  
**TO:** Technical Advisory Committee - Planning  
**FROM:** Metropolitan Transportation Services  
**PREPARED BY:** Rachel Wiken, Planner 651-602-1572  
**SUBJECT:** Functional Class Changes - Cayuga Interchange area  
#1344, 1345, 1346  
**REQUESTED ACTION:** City of St Paul requests approval for Cayuga St to Other Arterial, and two related Major Collector changes.  
**RECOMMENDED MOTION:** That TAC Planning recommend to TAC the approval of the changes as submitted.

**BACKGROUND AND PURPOSE OF ACTION:** The MnDOT I-35E Cayuga Project moved I-35E access from Pennsylvania/Phalen Blvd to new Cayuga Street Interchange. This project also included realignments/removal of several other St Paul streets. See maps attached at end of request documents, highlighting the changes.

Cayuga provides I-35E access and connects to Jackson Street and Phalen Blvd, both of which are classified as Other Arterial. Cayuga Street is designated as a Municipal State-Aid (MSA) Route. Cayuga Street was previously a Major Collector west of Mississippi Street, and did not connect as a through street to Phalen. The new section of Cayuga Street to the east of 35E to Phalen is currently a local designation and requires a higher designation based on connection to a Principal Arterial. The City is requesting approval to an Other Arterial. (Request #1344)

Mississippi Street, a Major Collector running north/south next to I-35E, was removed from Case to Phalen during this project.

The City is requesting adding Major Collector designation to north/south street Westminster/Arkwright. (Request #1345)

This request also includes removal of a Major Collector status on Burr Street. Burr Street no longer connects over Phalen Ave and no longer functions as a Collector. (Request #1346)

### **STAFF ANALYSIS:**

Staff agrees with the Major Collectors changes.  
#1345 Westminster/Awkright function as a collector. Both are MSA routes. (Note: Awkwright south of Case is a narrow residential street and there is a diverter for north

bound traffic off of Phalen. Staff agrees Westminster, with the jog at Case to Arkwright, should be the designated Collector route.)

#1346 Burr should be returned to local.

**#1344 – Cayuga Street**

Staff notes that the Transportation Policy Plan Appendix F: Highway Interchanges, includes language requiring Principal Arterials to connect with A-Minor Arterials.

*“3. Freeway interchanges should only connect to other principal arterials or to an A-minor arterial as defined in the functional classification system adopted by the Transportation Advisory Board and approved by the Metropolitan Council. “*

To conform to our TPP policy, Cayuga Street *could* be considered for an upgrade to A-Minor Augmentor.

However, because of its short length of less than a mile, and connections to Other Arterials on both ends, staff recommends approval to Other Arterial at this time. In the future, the City could consider upgrading both Cayuga and Phalen to A-Minor Augmentors to reflect their use. Pennsylvania to the west of I-35E is already an Augmentor and changing Phalen to an Augmentor would provide continuity to the A-Minor system.

**COMMITTEE COMMENTS AND ACTION:**

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
<i>TAC Planning</i>	<i>Review and Recommend</i>	
<i>Technical Advisory Committee</i>	<i>Approve</i>	

# Regional Functional Classification Change Request Form

ID Number: 1344

Date of Request: 3-30-17

## Roadway Name: Cayuga

Roadway CSAH #

Roadway MSA # 164-267

Roadway County Rd #

Request Type: \_\_\_\_\_

## Functional Classification Information:

### Existing Roadway

Current Classification: Major Collector  
Requested Classification: Other Arterial  
If other:

### Planned Roadway

Current Classification: -----  
Requested Classification: -----  
If other:

Planned to existing Contingent Conditions: -----  
Other / Explain:

## Request Information:

Change Start Location: Jackson Street

Change End Location: Phalen Blvd

Length of Requested Change (Miles): 0.68

Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: 1345, 1346

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

**Purpose of Change:** Please explain rationale for requested Change  
The MnDOT I-35E Project moved I-35E access from Pennsylvania/Phalen Blvd to new Cayuga Street Interchange. Cayuga provides I-35E access and connects to Jackson Street and Phalen Blvd, both of which are classified as Other Arterial. Cayuga is designated as a MSA Route.

## Following Section Required for All Principal and Minor Arterial Requests

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

Place Connections: Cayuga provides access to I-35E, connects to Jackson (Other Arterial) on west, connects to Phalen Blvd (Other Arterial) on east. East of I-35E, Cayuga/Phalen Blvd provides connections to St. Paul Port Authority Business Developments including 3 large Healthpartners Facilities along Phalen Blvd east to Maryland Avenue.

Spacing: Cayuga parallels Pennsylvania/Phalen Blvd ( A Minor Augmentor/Other Arterial) which is roughly 0.36 miles to the south and Maryland Avenue (A Minor Augmentor) which is approximately 0.73 miles to the north

Management:

# Regional Functional Classification Change Request Form

ID Number: 1344

Date of Request: 3-30-17

System Connections & Access Spacing: Cayuga provides access to I-35E from Pennsylvania/Phalen Blvd, which is classified as A Minor/Other Arterial and when fully built will provide continuous connection between Transfer Road/University Ave to Maryland Avenue (8.4 miles)

Trip Making Services:

Mobility vs. Land Access: Primarily provides connection to I-35E, but does provide access to business uses and Met Transit East Metro Transit Facility

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

(from Table D-4 in TPP, [http://metro council.org/Transportation/Planning-2/Key-Transportation-Planning-Documents/Transportation-Policy-Plan-\(1\)/The-Adopted-2040-TPP-\(1\)/Final-2040-Transportation-Policy-Plan/2040-TPP-Appendix-D-Functional-Class.aspx](http://metro council.org/Transportation/Planning-2/Key-Transportation-Planning-Documents/Transportation-Policy-Plan-(1)/The-Adopted-2040-TPP-(1)/Final-2040-Transportation-Policy-Plan/2040-TPP-Appendix-D-Functional-Class.aspx))

**Use:**

**Location:**

**Trip Length:**

**Problem Addressed:**

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

Intersection Treatments: Traffic Signals are located at 35E Ramp Junctions, Arkwright Street, and Phalen Boulevard intersections.

Present AADT: I 35E Cayuga Interchange fully opened to traffic in Fall 2016 so counts not available

Estimated Future AADT/Year: 7,200 west of I 35E, 14,400 East of I-35E /2015

Source of Estimated AADT/Date: I-35E Phalen Boulevard EIS

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:**

# Regional Functional Classification Change Request Form

ID Number: 1344

Date of Request: 3-30-17

Agency/City/County: Saint Paul

Contact Person: Paul St. Martin

Phone: 651-266-6118

Fax:

Email: paul.st.martin@ci.stpaul.mn.us

Address: Public Works, 800 City Hall Annex, 25 West 4th

City: St Paul

State: MN

Zip: 55102

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

## Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation:

MnDOT Consent: YES

NO

Comments:

Potential Issues:

## Change Tracking:

TAC Planning Record of Decision:

Date:

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: 1345

Date of Request: 3-30-17

## Roadway Name: Westminster / Arkwright

Roadway CSAH #

Roadway MSA # 164-309/164-224

Roadway County Rd #

Request Type: \_\_\_\_\_

### Functional Classification Information:

#### Existing Roadway

Current Classification: Local

Requested Classification: Major Collector

If other:

#### Planned Roadway

Current Classification: -----

Requested Classification: -----

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

### Request Information:

Change Start Location: Cayuga

Change End Location: Maryland

Length of Requested Change (Miles): 0.34/0.54

Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: 1344, 1346

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

**Purpose of Change:** Please explain rationale for requested Change  
The MnDOT I-35E Project moved I-35E access from Pennsylvania/Phalen Blvd to Cayuga Street. As part of the project, Mississippi Street between Case and Phalen Blvd which was classified as a collector was removed. Westminster/Arkwright between Cayuga and Maryland serves as a collector street and serves the area bounded by Cayuga, I-35E, Maryland and Edgerton. Westminster and Arkwright are designated as MSA Routes.

### Contact Information:

Agency/City/County: Saint Paul

Contact Person: Paul St. Martin

Phone: 651-266-6118

Fax:

Email: paul.st.martin@ci.stpaul.mn.us

Address: Public Works, 800 City Hall Annex, 25 West 4th

City: St Paul

State: MN

Zip: 55102

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

### Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation:

MnDOT Consent: YES

NO

Comments:

Potential Issues:

# Regional Functional Classification Change Request Form

ID Number: 1345

Date of Request: 3-30-17

## Change Tracking:

TAC Planning Record of Decision:

Date:

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: 1345

Date of Request: 3-30-17

## Roadway Name: Burr

Roadway CSAH #

Roadway MSA #

Roadway County Rd #

Request Type: \_\_\_\_\_

## Functional Classification Information:

### Existing Roadway

Current Classification: Major Collector

Requested Classification: Local

If other:

### Planned Roadway

Current Classification: -----

Requested Classification: -----

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

## Request Information:

Change Start Location: Minnehaha

Change End Location: Case

Length of Requested Change (Miles): 0.50

Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: 1344, 1345

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

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

The Burr Street Bridge over the Union Pacific Railroad was removed as part of Phalen Blvd Project in 2003. Burr Street no longer is continuous between Case and Minnehaha. This section of Burr Street has been removed as a MSA Route.

## Contact Information:

Agency/City/County: Saint Paul

Contact Person: Paul St. Martin

Phone: 651-266-6118

Fax:

Email: paul.st.martin@ci.stpaul.mn.us

Address: Public Works, 800 City Hall Annex, 25 West 4th

City: St Paul

State: MN

Zip: 55102

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

## Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation:

MnDOT Consent: YES

NO

Comments:

Potential Issues:



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ID Number: 1345

Date of Request: 3-30-17

## Change Tracking:

TAC Planning Record of Decision:

Date:

TAC Record of Decision:

Date:

TAB Record of Decision (PA ONLY):

Date:

Mn/DOT Notification:

Date:

*Geography Recorded: -----*

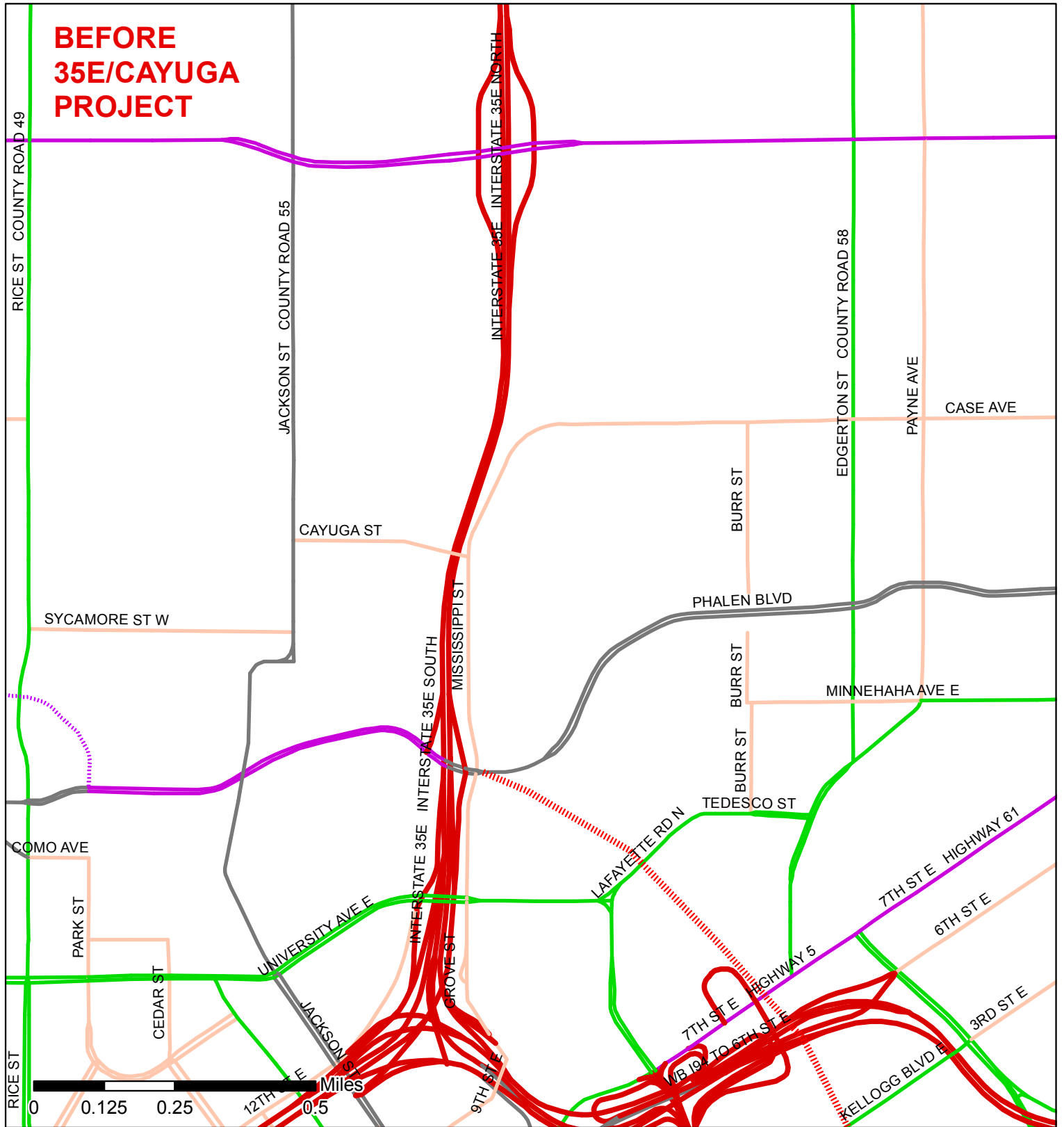
*Date:*

*Previous Action ID:*

*Date:*

# Functional Class Roads Change Requests Saint Paul

ID# 1344-1346



## Existing Regional Functional Class Roads

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

## Planned Regional Functional Class Roads

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

City / Township Boundaries

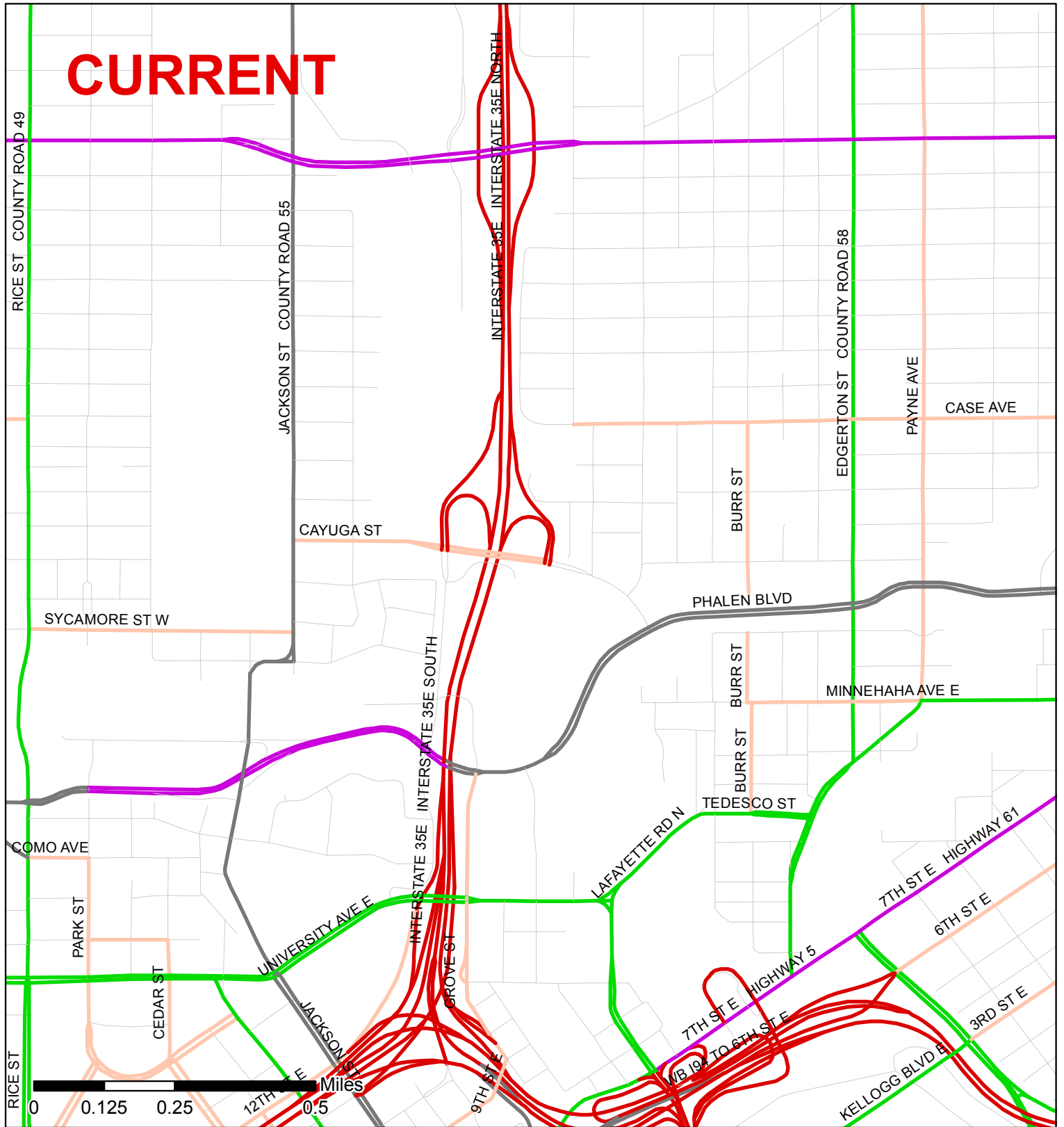
Street Centerlines

County Boundaries



# Functional Class Roads Change Requests Saint Paul

ID# 1344-1346



## Existing Regional Functional Class Roads

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

## Planned Regional Functional Class Roads

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

City / Township Boundaries

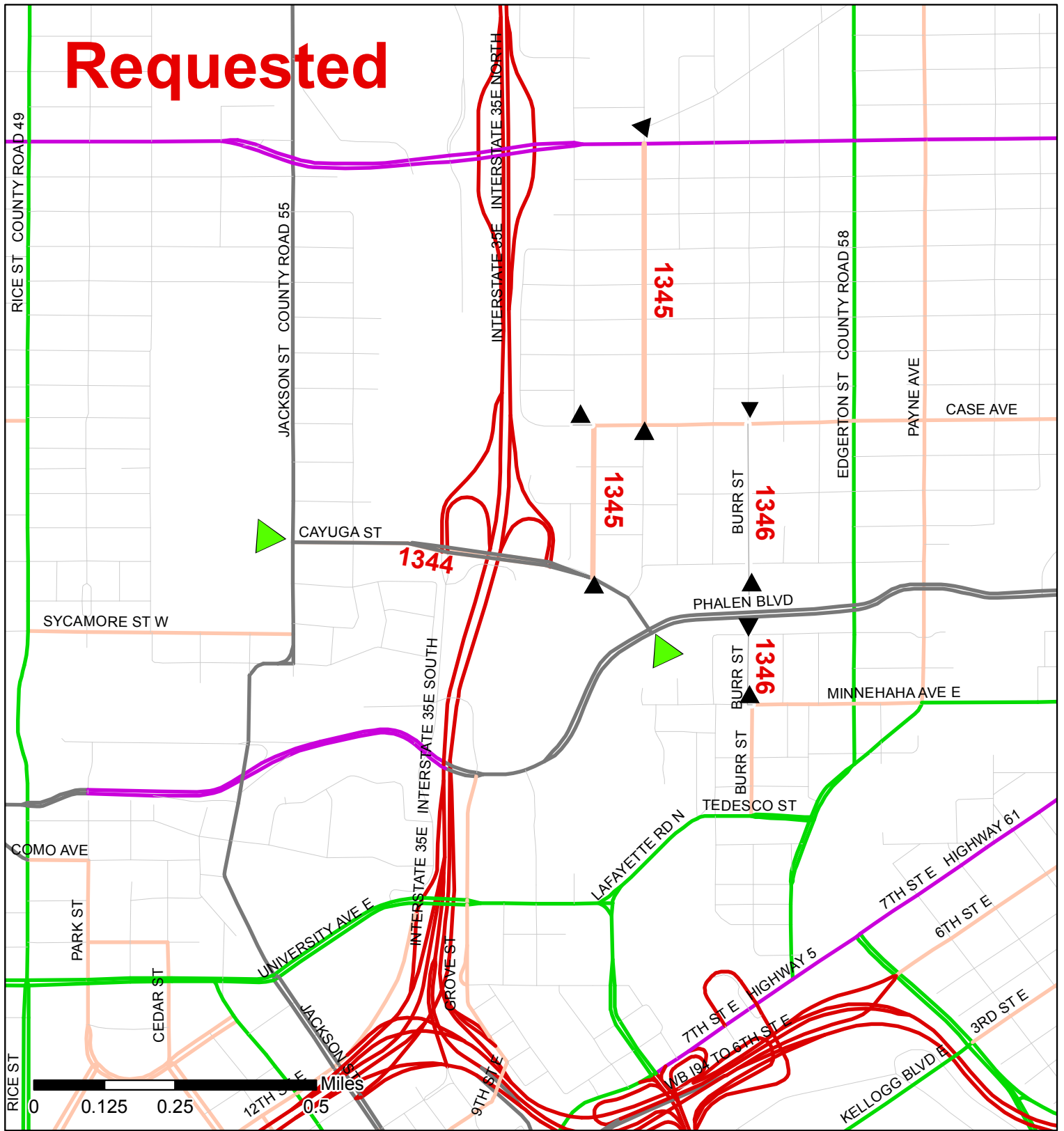
Street Centerlines

County Boundaries











# Functional Class Roads Change Requests Saint Paul









ID# 1344-1346





## Existing Regional Functional Class Roads

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

## Planned Regional Functional Class Roads

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

 City / Township Boundaries

 Street Centerlines

 County Boundaries

