#### ACTION TRANSMITTAL No. 2016-12

DATE:	January 25, 2016
TO:	TAC
FROM:	TAC Planning
PREPARED BY:	Rachel Wiken (651) 602-1572, Planner
SUBJECT:	Functional Class Changes #1332 through #1336 – Planned and existing augmentors in West Midway area
REQUESTED ACTION:	City of St. Paul requests approval of 5 new augmentors.
RECOMMENDED MOTION:	That TAC approve the following changes: #1332 – planned roadway Ellis Ave. between Transfer Road and Vandalia Ave. be reclassified from Collector to A-Minor Augmentor #1333 – planned roadway Territorial Road between Vandalia Ave. and Eustis Street be reclassified from Local to A-Minor Augmentor #1334 – planned roadway Vandalia Ave. between University Ave. and Ellis Ave. be reclassified from Collector to A-Minor Augmentor #1335 – Transfer Road between Pierce Butler Route and Ellis Ave. be reclassified from B Minor to A-Minor Augmentor #1336 - Vandalia Ave. betweenI-94 and University Ave. be reclassified from B Minor to A-Minor Augmentor

#### BACKGROUND AND PURPOSE OF ACTION:

The City of St Paul requests new A Minor Augmentors in the West Midway area between Prior, Hwy 280, I-94, and Pierce Butler. The new Augmentor roads would provide an improved truck route between the BNSF facility along Pierce Butler and Hwy 280 interchange.

**RELATIONSHIP TO REGIONAL POLICY:** The Transportation Advisory Board maintains a roadway functional classification system for all regional roads. TAB has delegated the responsibility of approving changes to the system to the Technical Advisory Committee, with the exception of Principal Arterials. Changes to all other roadways submitted by the agency with jurisdiction over the roadway are reviewed and recommended by the TAC Planning Committee, approved by TAC, and received as information by TAB.

#### STAFF ANALYSIS:

Three roads were requested as **Planned** A Minor Augmentors and two were requested as **Existing** A Minor Augmentors. The TPP provides very little guidance on the planned system. Current precedent is that most planned roads are on future alignments, not over existing functional class roads. These requests seem to be in the grey area of roadways which do not meet the requested classification, but for which plans for improvements are being developed. Staff feels that passing these roadways as Planned will cause confusion to the system and open the door for dual classification on many roads. If the committee feels the planned upgrades are sufficient, the requests should be all passed as **Existing** A Minor Augmentors.

If only allowing new alignments to be classified as Planned roads, and not allowing planned improvements to existing roads to qualify for an upgraded classification, the system would be unfairly penalizing improvements to existing routes in the solicitation funding process. The Committee should review process for changing functional class of routes slated for improvement.

The three **planned** requests do not have AADT within the A Minor Arterial ranges as defined in the TPP. All requested roads would need to be improved to match the A minor criteria for access, right-of-way, and through movement. These improvements are highlighted in the requests.

Transfer Rd is currently an Other Arterial. If approved on Vandalia, this would result in two Arterials within 0.2 miles. The Committee should include possible changes to Transfer Rd as part of the discussion.

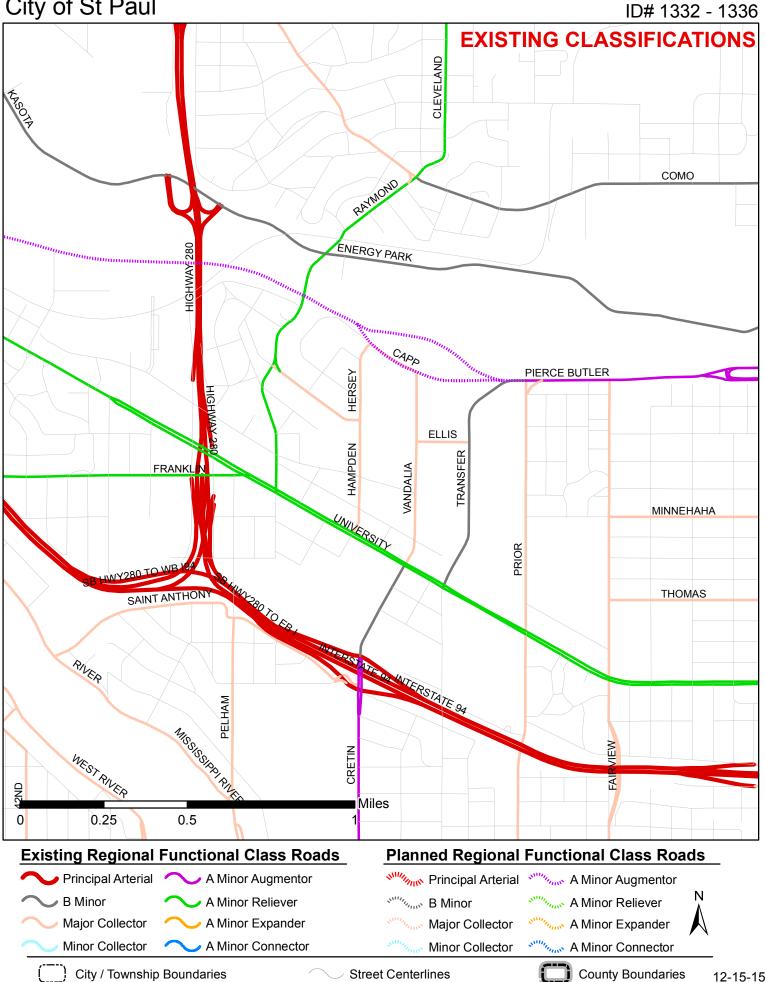
MnDOT has reviewed this request and concurs with staff recommendations to approve as existing and to review the classification of Transfer Rd.

**COMMITTEE ACTION**: TAC Planning concurred with staff recommendations and moved to recommend the requests.

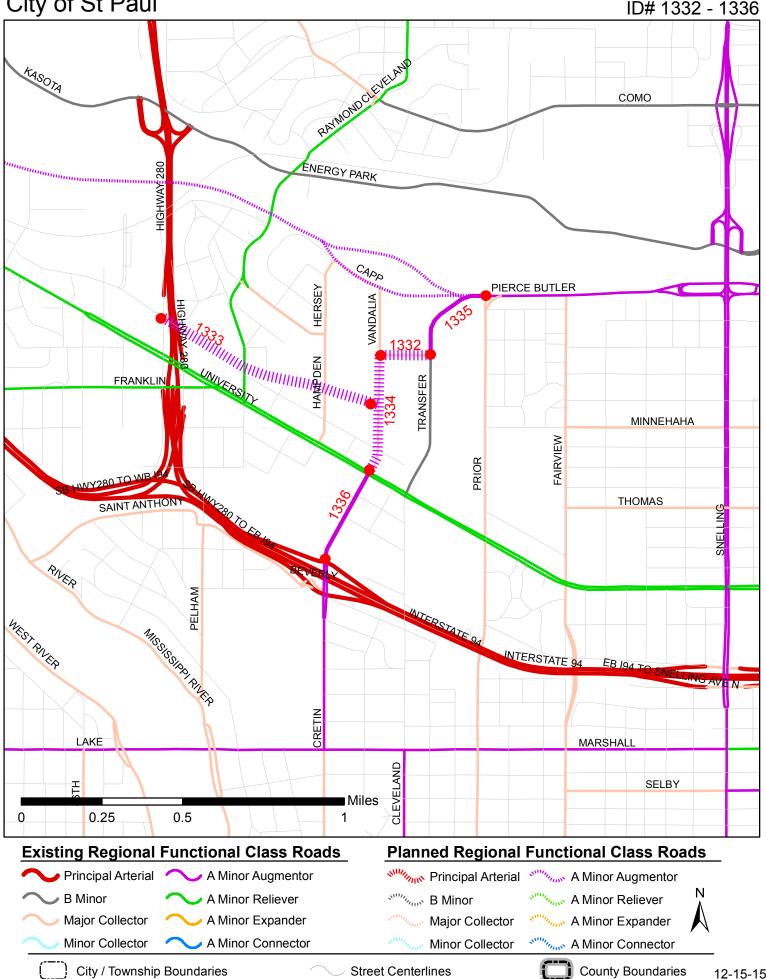
#### ROUTING

ТО	ACTION REQUESTED	DATE COMPLETED
TAC - Planning	Review and Recommend	1-14-16
Technical Advisory Committee	Review and Approve	

# Functional Class Roads Change Requests City of St Paul



# Functional Class Roads Change Requests City of St Paul



## Roadway Name: Ellis Avenue

Roadway CSAH # Roadway County Rd # Roadway MSA # 164-240 Request Type: \_\_\_\_\_

## **Functional Classification Information:**

#### Existing Roadway

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

#### Planned Roadway

Current Classification: Major Collector Requested Classification: A Minor Augmentor If other:

Planned to existing Contingent Conditions: other Other / Explain: Additional Right of Way will be acquired and the road reconstructed to A Minor standards.

### **Request Information:**

Change Start Location: Transfer Road Change End Location: Vandalia Avenue Length of Requested Change (Miles): 0.16 Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: **Planned Vandalia Avenue** Involves other jurisdictions (No) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change This change would serve as the primary truck route connecting the BNSF Midway Intermodal Facility to the I-94 interchange at Vandalia.

------ 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:

<u>Place Connections</u>: Ellis is the connection between Transfer Road and Vandalia Avenue wich

connects the West Midway Industrial Area, including the BNSF Midway Intermodal Facility, in

St. Paul to Interstate 94.

<u>Spacing</u>: Ellis is between University Ave (0.36 miles south) and planned Pierce Butler (0.27 miles north)

Management:

<u>System Connections & Access Spacing</u>: Ellis connects Transfer Road to Vandalia which in turn connects the BNSF Midway Intermodal Facility to I-94 via Vandalia.

Trip Making Services:

Mobility vs. Land Access: Primarily serves as a connection bewtween the West Midway

Industrial Area, the BNSF Midway Intermodal Facility and Interstate 94.

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) Use: Location: Trip Length: Problem Addressed: Connects Principle Arterial (I-94) to A-Minor system. (Optional) Typical Characteristics: Providing the following to support the request

Intersection Treatments: Ellis is currently stop controlled at Transfer Road and at Vandalia.

The future intersections would make Vandalia-Ellis-Transfer Road a free movement with

stops in the other directions.

Present AADT: 4,600

Estimated Future AADT/Year: 9,100

Source of Estimated AADT/Date: Assuming 5% annual growth.

Posted Speed: 30

------ 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 Sai	nt Paul Departm	ent of Public Works
Contact Person: Eriks Ludins	·	
Phone: 651-266-6204		Fax: 651-266-6222
Email: eriks.ludins@ci.stpaul.mn	.us	
Address: 25 West 4th Street, Suit	e 1500	
City: Saint Paul	State: MN	Zip: 55102
	Committee S	Staff ONLY
Staff Recommendation:		

Consent Approval:		
Technical Correction:		
Staff Recommendation:		
MnDOT Consent: YES	NO 🗌	Comments:
Potential Issues:		

ID Number: 1332 Date of Request: 12/15/15

# Change Tracking:

TAC Planning Record of Decision: TAC Record of Decision: TAB Record of Decision (PA ONLY): Mn/DOT Notification:	Date: Date: Date: Date:
Geography Recorded:	Date:
Previous Action ID:	Date:

ID Number: 1333 Date of Request: 12/15/15

## Roadway Name: Territorial Road

Roadway CSAH # Roadway County Rd # Roadway MSA # 164-240 Request Type: \_\_\_\_\_

### **Functional Classification Information:**

#### Existing Roadway

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

#### Planned Roadway

Current Classification: Local Requested Classification: A Minor Augmentor If other:

Planned to existing **Contingent Conditions: other** Other / Explain: The road will be reconstructed to A Minor standards.

#### **Request Information:**

Change Start Location: Vandalia Avenue Change End Location: Eustis Street Length of Requested Change (Miles): 0.72 Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: **Planned Vandalia Avenue** Involves other jurisdictions (No) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change This change would serve as the primary truck route connecting the BNSF Midway Intermodal Facility to the 280 interchange at Territorial.

------ 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:

<u>Place Connections:</u> Territorial Road is the connection between Vandalia Avenue and 280

which connects the West Midway Industrial Area, including the BNSF Midway Intermodal

Facility, in St. Paul to Highway 280.

Spacing: Territorial is between University Ave (0.15 miles south) and planned Pierce Butler

(0.45 miles north)

Management:

<u>System Connections & Access Spacing:</u> Territorial connects Vandalia to Hwy 280 which in turn connects the BNSF Midway Intermodal Facility to Hwy 280.

Trip Making Services:

Mobility vs. Land Access: Primarily serves as a connection between the West Midway

Industrial Area, the BNSF Midway Intermodal Facility and Hwy 280.

IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes: (from Table D-4 in TPP, <u>http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\_FunClass.pdf</u>) Use:

Location: Trip Length: Problem Addressed: Connects Principle Arterial (280) to A-Minor system. (Optional) Typical Characteristics: Providing the following to support the request

Intersection Treatments: Territorial is currently stop controlled at Vandalia and Hampden and signalized at Raymond and at Eustis.

Present AADT: 4,400 between Vandalia and Raymond. 5,125 between Raymond and 280.

Estimated Future AADT/Year: 5,300/6,500

Source of Estimated AADT/Date: Northwest Area Transportation Study - Final Report 10-12-

2012; A study conducted by the City of Saint Paul to look at transportation needs of the area.

Posted Speed: 30

	Required for All Requests	
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**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 Saint Paul Department of Public Works			
Contact Person: Eriks Ludins			
Phone: 651-266-6204		Fax: 651-266-6222	
Email: eriks.ludins@ci.stpaul.mn.us			
Address: 25 West 4 <sup>th</sup> Street, Suite 1500			
City: Saint Paul	State: MN	Zip: 55102	

------ Committee Staff ONLY------ Staff Pocommondation:

#### Staff Recommendation:

Consent Approval:		
Technical Correction:		
Staff Recommendation:		
MnDOT Consent: YES	NO 🗌	Comments:
Potential Issues:		

ID Number: 1333 Date of Request: 12/15/15

# Change Tracking:

TAC Planning Record of Decision: TAC Record of Decision: TAB Record of Decision (PA ONLY): Mn/DOT Notification:	Date: Date: Date: Date:
Geography Recorded:	Date:
Previous Action ID:	Date:

ID Number: 1334 Date of Request: 12/15/15

### Roadway Name: Vandalia Avenue

Roadway CSAH # Roadway County Rd # Roadway MSA # 164-233 Request Type: \_\_\_\_\_

### **Functional Classification Information:**

#### Existing Roadway

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

#### Planned Roadway

Current Classification: Major Collector Requested Classification: A Minor Augmentor If other:

Planned to existing Contingent Conditions: other Other / Explain: Additional Right of Way will be acquired and the road reconstructed to A Minor standards.

#### **Request Information:**

Change Start Location: **University Avenue** Change End Location: **Ellis Avenue** Length of Requested Change (Miles): **0.36** 

Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: Planned Ellis Avenue and Transfer Road

Involves other jurisdictions (No) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change This change would serve as the primary truck route connecting the BNSF Midway Intermodal Facility to the I-94 interchange at Vandalia.

#### ------ 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: Vandalia is the connection between the West Midway Industrial Area,

including the BNSF Midway Intermodal Facility in St. Paul to Interstate 94.

Spacing: Vandalia is between Snelling Ave (1.25 miles east) and Raymond Avenue (0.43 miles

west) (Staff edit: Transfer Rd, 0.17 mile to the east, is a Other Arterial (formally called Bminor).

Management:

<u>System Connections & Access Spacing</u>: Vandalia connects the BNSF Midway Intermodal Facility on Pierce Butler (A-Minor Augmentor) to University Ave (A-Minor Augmentor) I-94 (principal arterial) and Cretin Ave. (A-Minor Augmentor).

Trip Making Services:

Mobility vs. Land Access: Primarily serves as a connection bewtween the West Midway

Industrial Area, the BNSF Midway Intermodal Facility and Interstate 94.

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

(from Table D-4 in TPP, <u>http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\_FunClass.pdf</u>) Use:

Location: Trip Length: Problem Addressed:

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

Intersection Treatments: Signals at University Ave. Through turning movements at Ellis with southbound Vandalia stopped at Ellis and northbound through movements also stopped at Ellis.

Present AADT: 4,900

Estimated Future AADT/Year: 6,200

Source of Estimated AADT/Date: Northwest Area Transportation Study - Final Report 10-12-

2012; A study conducted by the City of Saint Paul to look at transportation needs of the area.

Posted Speed: 30

------ 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 Saint Paul Department of Public WorksContact Person: Eriks LudinsPhone: 651-266-6204Email: eriks.ludins@ci.stpaul.mn.usAddress: 25 West 4th Street, Suite 1500City: Saint PaulState: MNZip: 55102

Committe	e Staff ONLY
Staff Recommendation:	
Consent Approval: Technical Correction: Staff Recommendation: MnDOT Consent: YES NO Potential Issues:	Comments:
Change Tracking:	
TAC Planning Record of Decision: TAC Record of Decision: TAB Record of Decision (PA ONLY): Mn/DOT Notification:	Date: Date: Date: Date:
Geography Recorded:	Date:
Previous Action ID:	Date:

## Roadway Name: Transfer Road

Roadway CSAH # Roadway County Rd # Roadway MSA # Request Type: \_\_\_\_\_

### **Functional Classification Information:**

#### Existing Roadway

### **Request Information:**

Change Start Location: Pierce Butler Route Change End Location: Ellis Avenue Length of Requested Change (Miles): 0.30 Dependent on other Requested Changes: No Road name(s) or ID Number(s) of dependent requests: Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support Ramsey County Letter included

**Purpose of Change:** Please explain rationale for requested Change This change would serve as the primary truck route connecting the BNSF Midway Intermodal Facility to the I-94 interchange at Vandalia.

------ 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: Transfer Road is the connection between Pierce Butler (A-Minor) and Ellis

Avenue/Vandalia Avenue which connects the BNSF Midway Intermodal Facility, in St. Paul to

Interstate 94.

<u>Spacing</u>: Transfer Road is between Snelling Ave (0.91 miles east) and Raymond Avenue (0.58 miles west)

Management:

<u>System Connections & Access Spacing</u>: Transfer Road connects Pierce Butler Route to Ellis/Vandalia which in turn connects the BNSF Midway Intermodal Facility to I-94 via Vandalia.

Trip Making Services:

Mobility vs. Land Access: Primarily serves as a connection between the West Midway

Industrial Area, the BNSF Midway Intermodal Facility and Interstate 94.

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) Use: Location: Trip Length: Problem Addressed: Connects Principle Arterial (I-94) to A-Minor system. (Optional) Typical Characteristics: Providing the following to support the request

(Optional) Typical Characteristics: Providing the following to support the request Intersection Treatments: Transfer Road is currently thru traffic from Pierce Butler to

University Avnue. The future intersection at Ellis would make south bound Transfer Road to west bound Ellis and west bound Ellis to north bound Transfer Road free movements with stops in the other directions.

Present AADT: 9,525

Estimated Future AADT/Year: 12,000

Source of Estimated AADT/Date: Northwest Area Transportation Study - Final Report 10-12-

2012; A study conducted by the City of Saint Paul to look at transportation needs of the area.

Posted Speed: 40

------ 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 Saint Paul Department of Public WorksContact Person: Eriks LudinsPhone: 651-266-6204Email: eriks.ludins@ci.stpaul.mn.usAddress: 25 West 4<sup>th</sup> Street, Suite 1500City: Saint PaulState: MNZip: 55102

------ Committee Staff ONLY------ Staff Recommendation:

ID Number: 1335 Date of Request: 12/15/15

Consent Approval: Technical Correction: Staff Recommendation: MnDOT Consent: YES Potential Issues:	NO 🗌	Comments:	
Change Tracking:			
TAC Planning Record of Decis TAC Record of Decision: TAB Record of Decision (PA O Mn/DOT Notification:			Date: Date: Date: Date:
Geography Recorded:			Date:
Previous Action ID:			Date:

## Roadway Name: Vandalia Avenue

Roadway CSAH # Roadway County Rd # Roadway MSA # 164-233 Request Type: \_\_\_\_\_

### **Functional Classification Information:**

#### Existing Roadway

 Current Classification: B Minor
 Planned Roadway

 Requested Classification:
 Current Classification: ----- 

 A Minor Augmentor
 Requested Classification: ----- 

 If other:
 If other:

 Planned to existing Contingent Conditions: ----- If other:

 Other / Explain:
 Current Classification: ------ 

### **Request Information:**

Change Start Location: I-94 (North side exit/entrance ramps) Change End Location: University Avenue Length of Requested Change (Miles): 0.31 Dependent on other Requested Changes: No Road name(s) or ID Number(s) of dependent requests: Involves other jurisdictions (No) If "yes" please attach letter(s) of support

**Purpose of Change:** Please explain rationale for requested Change This change would serve as the primary truck route connecting the BNSF Midway Intermodal Facility to the I-94 interchange at Vandalia.

----- 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: Vandalia is the connection between the West Midway Industrial Area,

including the BNSF Midway Intermodal Facility, in St. Paul to Interstate 94.

<u>Spacing</u>: Vandalia is between Snelling Ave (1.25 miles east) and Huron Blvd (1.75 miles west) <u>Management</u>:

<u>System Connections & Access Spacing:</u> Vandalia connects I-94 (principal arterial) and Cretin Ave. (A-Minor Augmentor) to University Ave (A-Minor Augmentor) and the West Midway Industrial Area of St. Paul.

<u>Trip Making Services</u>: This is the primary connection between the BNSF Midway Intermodal Facility and the West Midway Industrial Area to Interstate-94.

Mobility vs. Land Access: Primarily serves as a connection bewtween the West Midway

Industrial Area, the BNSF Midway Intermodal Facility and Interstate 94.

IF request impacts the A-Minor Arterial Sub-Classification, provide these attributes: (from Table D-4 in TPP, <u>http://www.metrocouncil.org/planning/transportation/TPP/2010/Oct21/Appendix/D\_FunClass.pdf</u>) Use: Location: Trip Length: Problem Addressed: (Optional) Typical Characteristics: Providing the following to support the request

Intersection Treatments: Signals at I-94 ramps and at University Ave. Wabash and Myrtle are stopped at Vandalia. Note: both Wabash and Myrtle have been vacated by the City of Saint Paul west of Vandalia. Wabash and Myrtle east of Vandalia remain as City streets (Stops at Vandalia).

Present AADT: 16,775

Estimated Future AADT/Year: 22,000

Source of Estimated AADT/Date: Northwest Area Transportation Study - Final Report 10-12-

2012; A study conducted by the City of Saint Paul to look at transportation needs of the area.

Posted Speed: 30

------ 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 Saint Paul Department of Public WorksContact Person: Eriks LudinsPhone: 651-266-6204Email: eriks.ludins@ci.stpaul.mn.usAddress: 25 West 4th Street, Suite 1500City: Saint PaulState: MNZip: 55102

------ Committee Staff ONLY------ Staff Percommendation:

### Staff Recommendation:

Consent Approval: ------Technical Correction: ------

Staff Recommendation: MnDOT Consent: YES Potential Issues:	NO 🗌	Comments:	
Change Tracking:			
TAC Planning Record of Decision TAC Record of Decision: TAB Record of Decision (PA ONL Mn/DOT Notification:			Date: Date: Date: Date:

Geography Recorded: ------

Previous Action ID:

Date:

Date:



December 1, 2015

Lisa Freese, Chair TAC Planning Committee Metropolitan Council 390 Robert St. N. St. Paul, MN 55101

#### CITY OF SAINT PAUL PROPOSED FUNCTIONAL CLASS CHANGES ON TRANSFER ROAD (CSAH 33), ELLIS AVENUE, VANDALIA AVENUE, TERRITORIAL ROAD, AND A PROPOSED NEW SEGMENT OF PIERCE BUTLER ROUTE

Dear Ms. Freese:

Ramsey County supports the City of Saint Paul's proposal to designate a Class A Minor Arterial-Augmenter route along Transfer Road, Ellis Avenue, and Vandalia Avenue to provide an efficient truck route from Pierce Butler Route to I-94. We further support the City's proposal to designate Territorial Road between Vandalia Avenue and TH 280 as an Augmenter to serve as a connection to TH 280. With the addition of the Green Line light rail transit on University Avenue, alternate routes for truck traffic make sense.

We have not had any discussions with the City about whether any of these routes would be placed on the County's system, but as Class A Minor Arterials and truck routes, Ramsey County is open to that discussion as the routes are upgraded to accommodate the expected traffic. Please let me know if there are any questions about our support or our future role in these routes.

Sincerely,

XI.K\_

James E. Tolaas. P.E. Director of Public Works/County Engineer

C: Kathy Lantry, Director of Public Works, City of Saint Paul

#