ACTION TRANSMITTAL No. 2014-43

DATE:	June 18, 2014
TO:	TAC
FROM:	TAC-Planning Committee
PREPARED BY:	Bob Paddock, MTS
SUBJECT:	Roadway Functional Classification Changes – Eden Prairie
REQUESTED ACTION:	The City of Eden Prairie requests that the TAC-Planning Committee approve the following roadway functional classification changes.
RECOMMENDED MOTION:	That TAC move approval of the following:

#1313 - <u>TH169 Southbound Ramp</u> from Washington Avenue be classified as a Principal Arterial.

#1314 – <u>Washington Avenue</u> from Viking Drive/West 78th Street to Valley View Road be reclassified from a Major Collector to an A-Minor Reliever Arterial.

#1315 – <u>Washington Avenue</u> from West 78th Street (south Junction) to West 78th Street (North Junction)/Viking Drive be classified as an A-Minor Reliever Arterial.

#1316 – <u>Washington Avenue</u> / Marth Road from West 78th Street (South Junction) to the TH 169 Northbound Off Ramp be classified as an A-Minor Reliever Arterial.

#1317 – <u>West 78th Street</u> from Viking Drive to TH 169 East Frontage Road be classified as an A-Minor Reliever Arterial.

BACKGROUND AND PURPOSE OF ACTION: The interchange of I-494 with TH 169 primarily within the City of Bloomington was reconstructed, resulting in a reconfiguration of a number of adjacent roadways. This resulted in the need to update the specifics of the TAB-adopted functional classification system map. The cities of Eden Prairie, Bloomington and Edina were asked for input in how to reclassify the roadways as a result of this reconfiguration; this is the result of that effort.

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: Staff reviewed the request and agreed that these changes were sensible. Staff recommends approval. It should be noted that the Principal Arterial designation requested for the entrance ramp is simply a 'technical correction' and does not require TAB approval, since all ramps to the Principal Arterial system are thus designated.

COMMITTEE COMMENTS AND ACTION: TAC-Planning approved the changes as submitted.

то ACTION REQUESTED DATE COMPLETED TAC Planning Committee June 10, 2014 Review & Recommend **Technical Advisory Committee Review & Approve Transportation Advisory Board** Information Metropolitan Council Transportation Committee Metropolitan Council

ROUTING

Roadway Name: TH 169 Southbound Ramp from Washington Avenue

Roadway CSAH # Roadway County Rd # Roadway MSA # Request Type: _____

Functional Classification Information:

Existing Roadway

Planned Roadway

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

Request Information:

Change Start Location: Washington Avenue Change End Location: TH 169 Southbound Length of Requested Change (Miles): .20 Dependent on other Requested Changes: Yes Road name(s) or ID Number(s) of dependent requests: 1313 - 1318 Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support

Purpose of Change: Please explain rationale for requested Change Functions as a Principal Arterial. Is a freeway On-Ramp.

------ 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 connection to metro centers and regional business

concentrations. Provides interconnection of major traffic generators.

<u>Spacing</u>: Spacing to other Principal Arterials in this developed area exceed 1 mile.

Management: Maintained as a Principal Arterial on-ramp with emphasis on mobility.

System Connections & Access Spacing: On-Ramp to Principal Arterial.

Trip Making Services: Supports longer trips that utilize the Principal Arterial network.

Mobility vs. Land Access: Emphasis on mobility, freeway On-Ramp.

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: Provides direct relief for traffic on both 1-494 and TH 169. **Location:** Developed area within the MUSA along I-494.

Trip Length: Medium length of less than 8 miles.

Problem Addressed: Relief of parallel congested Principal Arterials (I-494 and TH 169).

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

Intersection Treatments: Roundabout control at Washington Avenue intersection.

Present AADT: Not Available

Estimated Future AADT/Year: 6,000

Source of Estimated AADT/Date: Interpolated from TH 169/I-494 ICE Reports.

Posted Speed: Freeway On-Ramp

------ 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: Engineering Department / Eden Prairie / Hennepin			
Contact Person: Randy Newton			
Phone: 952-949-8339		Fax: 952-949-8326	
Email: rnewton@edenprairie.org			
Address: 8080 Mitchell Road			
City: Eden Prairie	State: MN	Zip: 55344	

Committee Staff ONLY

Staff Recommendation:

Consent Approval:		
Technical Correction: Yes		
Staff Recommendation: Recomm	end approval	as a technical correction.
MnDOT Consent: YES 🔀	NO 📋	Comments:
Potential Issues:		

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: 1313- tech correction Date of Request: 6/3/2014

Roadway Name: Washington Avenue

Roadway	CSAH #	
Roadway	County F	≀d #

Roadway MSA # Request Type: _____

Functional Classification Information:

Existing Roadway	Plan
Current Classification: Major Collector	Curre
Requested Classification: A Minor Reliever	Requ
If other:	If oth

Planned Roadway Current Classification: ------Requested Classification: ------If other:

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

Request Information:

Change Start Location: Viking Drive / West 78th Street (North Junction) Change End Location: Valley View Road Length of Requested Change (Miles): .92 Dependent on other Requested Changes: Yes Road name(s) or ID Number(s) of dependent requests: 1313-1317 Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support

Purpose of Change: Please explain rationale for requested Change Functions as an "A" Minor Reliever with the recent I-494 / TH 169 interchange improvement. Connects "A" Minor Reliever segments that parallel the north/south (Shady Oak Road) and east/west (West 78th Street) segments of I-494.

------ 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>: Provides supplementary connections to metro centers and regional

business concentrations. Provides interconnection of major traffic generators.

Spacing: Parallel Reliever to frontage road on east side of TH 169. Spacing to other Minor

Arterials in this developed area exceed 1 mile.

Management: Average speeds in this fully developed area exceed 20mph.

<u>System Connections & Access Spacing</u>: Connects to other "A" Minor Arterials and the Principal Arterials it relieves.

<u>Trip Making Services</u>: Medium to short trips. Supports longer trips that also utilize the Principal Arterial network.

Mobility vs. Land Access: Emphasis on mobility with land access restricted to commercial

/industrial land uses.

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: Provides direct relief for traffic on both 1-494 and TH 169.

Location: Developed area within the MUSA along I-494.

Trip Length: Medium length of less than 8 miles.

Problem Addressed: Relief of parallel congested Principal Arterials (I-494 and TH 169).

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

Intersection Treatments: Two way stop control on side streets, signalized at Valley View

Road intersection and roundabout contol at Viking Drive intersection.

Present AADT: 4,400 (estimated from peak hour turn count).

Estimated Future AADT/Year: 8,500

Source of Estimated AADT/Date: Interpolated from TH 169/I-494 ICE Reports.

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: Engineering Department / Eden Prairie / HennepinContact Person: Randy NewtonPhone: 952-949-8339Fax: 952-949-8326Email: rnewton@edenprairie.orgAddress: 8080 Mitchell RoadCity: Eden PrairieState: MNZip: 55344

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

Staff Recommendation:

Consent Approval:		
Technical Correction:		
Staff Recommendation: Reco	mmend approval	. Staff noted that this would provide a reliever
on both sides of TH 169, but	this instance exis	ts elsewhere in the region.
MnDOT Consent: YES 🖂	NO 🗌	Comments:
Potential Issues:		

ID Number: 1314 Date of Request: 6/3/2014

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: Washington Avenue

Roadway CSAH # Roadway County Rd # Roadway MSA # Request Type: _____

Functional Classification Information:

Existing Roadway

Current Classification: N/A Requested Classification: A Minor Reliever If other:

Planned Roadway

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

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

Request Information:

Change Start Location: West 78th Street (South Junction) Change End Location: West 78th Street (North Junction) / Viking Drive Length of Requested Change (Miles): .10 Dependent on other Requested Changes: Yes

Road name(s) or ID Number(s) of dependent requests: 1313-1317 Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support

Purpose of Change: Please explain rationale for requested Change Functions as an "A" Minor Reliever with the recent I-494 / TH 169 interchange improvement. Connects "A" Minor Reliever segments that were in place prior to interchange improvements.

------ 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 supplementary connections to metro centers and regional

business concentrations. Provides interconnection of major traffic generators.

Spacing: Spacing to other Minor Arterials in this developed area exceed 1 mile.

Management: Maintained as a "A" Minor Arterial with emphasis on mobility.

<u>System Connections & Access Spacing</u>: Connects to other "A" Minor Arterials and the Principal Arterials it relieves.

<u>Trip Making Services</u>: Medium to short trips. Supports longer trips that also utilize the Principal Arterial network.

Mobility vs. Land Access: Emphasis on mobility with land access restricted to commercial

/industrial land uses.

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: Provides direct relief for traffic on both 1-494 and TH 169.

Location: Developed area within the MUSA along I-494.

Trip Length: Medium length of less than 8 miles.

Problem Addressed: Relief of parallel congested Principal Arterials (I-494 and TH 169).

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

Intersection Treatments: Roundabout control at both West 78th Street and Viking Drive.

Present AADT: 5,800 (estimated from peak hour turn count).

Estimated Future AADT/Year: 11,000

Source of Estimated AADT/Date: Interpolated from TH 169/I-494 ICE Reports.

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: Engineering Department / Eden Prairie / Hennepin				
Contact Person: Randy Newton				
Phone: 952-949-8339		Fax: 952-949-8326		
Email: rnewton@edenprairie.org				
Address: 8080 Mitchell Road				
City: Eden Prairie	State: MN	Zip: 55344		

Committee Staff ONLY
Staff Decommendation.

Staff Recommendation:

Consent Approval: ------Technical Correction: -----Staff Recommendation: Recomment approval. MnDOT Consent: YES NO Comments: Potential Issues:

Change Tracking:

TAC Planning Record of Decision:

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

Geography Recorded: ------

Previous Action ID:

ID Number: 1315 Date of Request: 6/3/2014

Date: Date: Date:

Date:

Date:

Roadway Name: Washington Avenue / Marth Road

Roadway CSAH # Roadway County Rd # Roadway MSA # Request Type: _____

Functional Classification Information:

Existing Roadway

Current Classification: Other ----> Requested Classification: A Minor Reliever If other:

Planned Roadway

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

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

Request Information:

Change Start Location: West 78th Street (South Junction) Change End Location: TH 169 Northbound Off Ramp Length of Requested Change (Miles): .29 Dependent on other Requested Changes: Yes Road name(s) or ID Number(s) of dependent requests: 1313-1317 Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support

Purpose of Change: Please explain rationale for requested Change Functions as an "A" Minor Reliever with the recent I-494 / TH 169 interchange improvement. Connects "A" Minor Reliever segment that was in place prior to interchange improvements back to TH 169 and I-494.

------ 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 supplementary connections to metro centers and regional

business concentrations. Provides interconnection of major traffic generators.

Spacing: Spacing to other Minor Arterials in this developed area exceed 1 mile.

Management: Maintained as a "A" Minor Arterial with emphasis on mobility.

<u>System Connections & Access Spacing</u>: Connects to other "A" Minor Arterials and the Principal Arterials it relieves.

<u>Trip Making Services</u>: Medium to short trips. Supports longer trips that also utilize the Principal Arterial network.

Mobility vs. Land Access: Emphasis on mobility with land access restricted to commercial

/industrial land uses.

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: Provides direct relief for traffic on both 1-494 and TH 169.

Location: Developed area within the MUSA along I-494.

Trip Length: Medium length of less than 8 miles.

Problem Addressed: Relief of parallel congested Principal Arterials (I-494 and TH 169).

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

Intersection Treatments: Roundabout control at West 78th Street, I-494 Eastbound Off-

Ramp/TH 169 Southbound On-Ramp, and I-494 Eastbound On-Ramp/TH 169 Northbound Off-

Ramp intersections.

Present AADT: Not Available.

Estimated Future AADT/Year: 14,000

Source of Estimated AADT/Date: Interpolated from TH 169/I-494 ICE Reports.

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: Engineering Department / Eden Prairie / Hennepin			
Contact Person: Randy Newton			
Phone: 952-949-8339		Fax: 952-949-8326	
Email: rnewton@edenprairie.org			
Address: 8080 Mitchell Road			
City: Eden Prairie	State: MN	Zip: 55344	

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

Consent Approval: ------Technical Correction: -----Staff Recommendation: Recomment approval. MnDOT Consent: YES NO Comments: Potential Issues:

ID Number: 1316 Date of Request: 6/3/2014

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: West 78th Street

Roadway CSAH #	
Roadway County Rd #	

Roadway MSA # Request Type: _____

Functional Classification Information:

Existing Roadway

Current Classification: Other ----> Requested Classification: A Minor Reliever If other:

Planned Roadway

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

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

Request Information:

Change Start Location: Viking Drive Change End Location: TH 169 East Frontage Road Length of Requested Change (Miles): .25 Dependent on other Requested Changes: Yes Road name(s) or ID Number(s) of dependent requests: 1313-1317 Involves other jurisdictions (Yes) If "yes" please attach letter(s) of support

Purpose of Change: Please explain rationale for requested Change Functions as an "A" Minor Reliever with the recent I-494 / TH 169 interchange improvement. Connects "A" Minor Reliever segments that were in place prior to interchange improvements.

------ 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>: Provides supplementary connections to metro centers and regional

business concentrations. Provides interconnection of major traffic generators.

Spacing: Spacing to other Minor Arterials in this developed area exceed 1 mile.

Management: Maintained as a "A" Minor Arterial with emphasis on mobility.

<u>System Connections & Access Spacing</u>: Connects to other "A" Minor Arterials and Principal Arterials it relieves.

<u>Trip Making Services</u>: Medium to short trips. Supports longer trips that also utilize the Principal Arterial network.

Mobility vs. Land Access: Emphasis on mobility with land access restricted to commercial

/industrial land uses.

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: Provides direct relief for traffic on both 1-494 and TH 169.

Location: Developed area within the MUSA along I-494.

Trip Length: Medium length of less than 8 miles.

Problem Addressed: Relief of parallel congested Principal Arterials (I-494 and TH 169).

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

Intersection Treatments: Roundabout control at both Viking Drive and West 78th Street.

Present AADT: 6,200 (estimated from peak hour turn count).

Estimated Future AADT/Year: 12,000

Source of Estimated AADT/Date: Interpolated from TH 169/I-494 ICE Reports.

Posted Speed: 40

	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: Engineerin	g Department / Edei	n Prairie / Hennepin
Contact Person: Randy Newton		
Phone: 952-949-8339		Fax: 952-949-8326
Email: rnewton@edenprairie.org		
Address: 8080 Mitchell Road		
City: Eden Prairie	State: MN	Zip: 55344
-		

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

Staff Recommendation:

Consent Approval:		
Technical Correction:		
Staff Recommendation: Recomm	end approval.	
MnDOT Consent: YES 🖂	NO 📋	Comments:
Potential Issues:		

Change Tracking:

TAC Planning Record of Decision:

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

Geography Recorded: ------

Previous Action ID:

ID Number: 1317 Date of Request: 6/3/2014

Date: Date: Date:

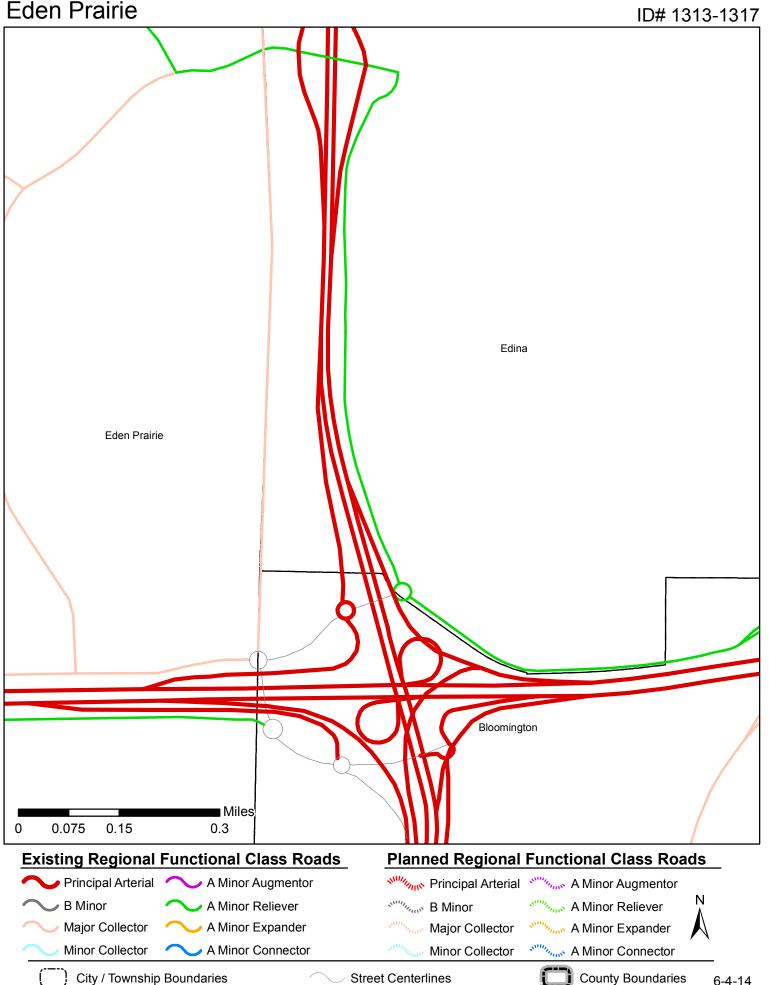
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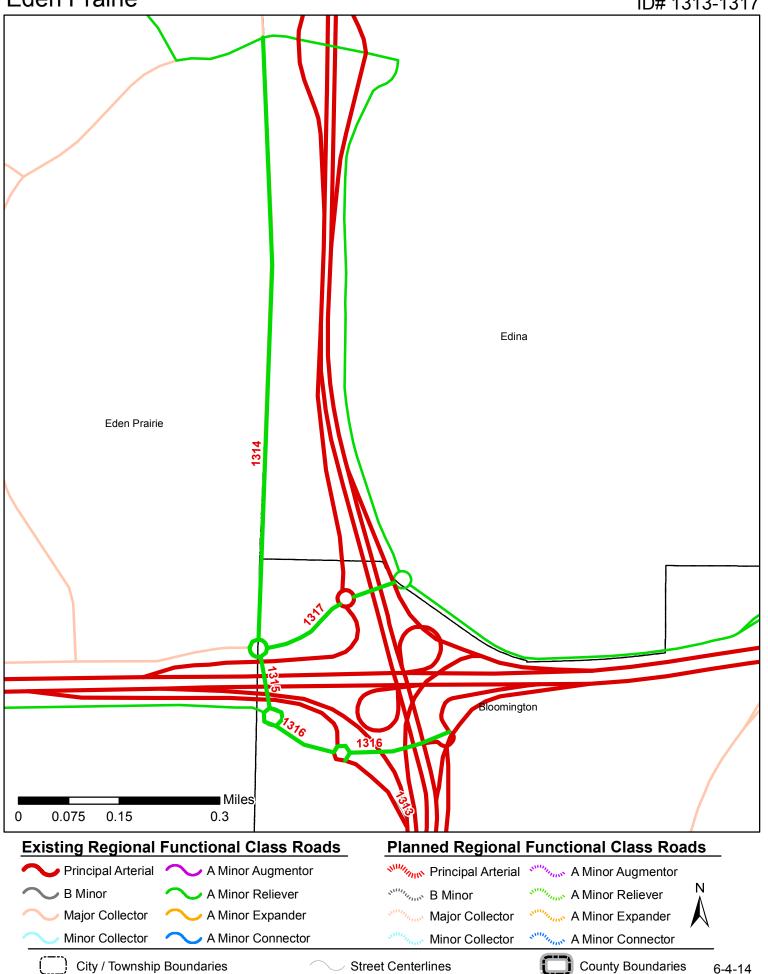
Functional Class Roads Change Requests **Eden Prairie**

EXISTING CLASSIFICATIONS

6-4-14



Functional Class Roads Change Requests REQUESTED CLASSIFICATIONS Eden Prairie





May 1, 2014

Rod Rue, PE City Engineer City of Eden Prairie 8080 Mitchell Road Eden Prairie, MN 55344

RE: Functional Classification Change Request

Dear Mr. Rue:

The City of Bloomington supports the City of Eden Prairie's request to designate the following roadways as "A" Minor Arterial Relievers within the Regional Functional Classification system:

- Washington Avenue between Viking Drive / West 78th Street (N Jct) and Valley View Road currently designated as a Major Collector.
- Washington Avenue between West 78th Street (S Jct) and Viking Drive / West 78th Street (N Jct) currently not designated.
- Washington Avenue / Marth Road between West 78th Street (S Jct) and the TH 169 Northbound Off-Ramp – currently not designated.
- West 78th Street between Washington Avenue and the 169 East Frontage Road currently not designated.

The above mentioned roadways function as "A" Minor Arterials as they provide direct relief to both the I-494 and TH 169 corridors. In addition the roadways re-connect "A" Minor Arterial segments that were connected prior to the I-494 / TH 169 Interchange Improvement Project. The designation of these roadways will complete and provide a continuous "A" Minor Arterial network that parallels both I-494 and TH 169.

In addition the City of Bloomington supports the City of Eden Prairie's request to designate the on-ramp from Washington Avenue to Southbound TH 169, which is currently not designated, to a Principal Arterial.

Sincerely,

Shelly Pederson, PE City Engineer

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITIES EMPLOYER



May 2, 2014

Mr. Rod Rue, PE City Engineer City of Eden Prairie 8080 Mitchell Road Eden Prairie, MN 55344

RE: Functional Classification Change Request

Dear Mr. Rue:

The City of Edina supports the City of Eden Prairie's request to designate the following roadways as "A" Minor Arterial Relievers within the Regional Functional Classification system:

- Washington Avenue between Viking Drive / West 78th Street (N Jct) and Valley View Road – currently designated as a Major Collector.
- Washington Avenue between West 78th Street (S Jct) and Viking Drive / West 78th Street (N Jct) – currently not designated.
- Washington Avenue / Marth Road between West 78th Street (S Jct) and the TH 169 Northbound Off-Ramp – currently not designated.
- West 78th Street between Washington Avenue and the 169 East Frontage Road currently not designated.

The above mentioned roadways function as "A" Minor Arterials as they provide direct relief to both the I-494 and TH 169 corridors. In addition the roadways re-connect "A" Minor Arterial segments that were connected prior to the I-494 / TH 169 Interchange Improvement Project. The designation of these roadways will complete and provide a continuous "A" Minor Arterial network that parallels both I-494 and TH 169.

In addition the City of Edina supports the City of Eden Prairie's request to designate the On-Ramp from Washington Avenue to Southbound TH 169, which is currently not designated, to a Principal Arterial.

Sincerely,

Cho) A. Miller

Chad A. Millner, PE Director of Engineering