

ACTION TRANSMITTAL 2014-49

DATE: July 18, 2014
TO: Technical Advisory Committee
FROM: TAC-Planning Committee
PREPARED BY: Bob Paddock, MTS Staff
SUBJECT: Roadway Functional Classification Changes – City of Minneapolis
REQUESTED ACTION: The City of Minneapolis requests that the following roadways be reclassified as requested.
RECOMMENDED MOTION: That TAC move approval of the following changes:

#1321 – 4th Street from 2nd Avenue N (I-94/I-394 Off-Ramp) to Portland Avenue be reclassified from a B-Minor to an A-Minor Reliever Arterial

#1322 – 8th Street from 1st Avenue N to 5th Avenue S be reclassified from a Major Collector to an A-Minor Reliever Arterial

#1323 – Hennepin Avenue from Lyndale Avenue S to Washington Avenue be reclassified from a B-Minor Arterial to an A-Minor Augmentor Arterial.

BACKGROUND AND PURPOSE OF ACTION: The City of Minneapolis is attempting to address the functional classification deficiencies in the downtown area by acknowledging three major roadways that traverse the area and which provide multi-modal connections within and through the area. Reclassifying these three roadways will better represent the true nature of travel in downtown.

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 agrees that these three roadways serve as major components of the transportation system within downtown Minneapolis and recommend the changes.

COMMITTEE COMMENTS AND ACTION: INSERT TEXT

ROUTING

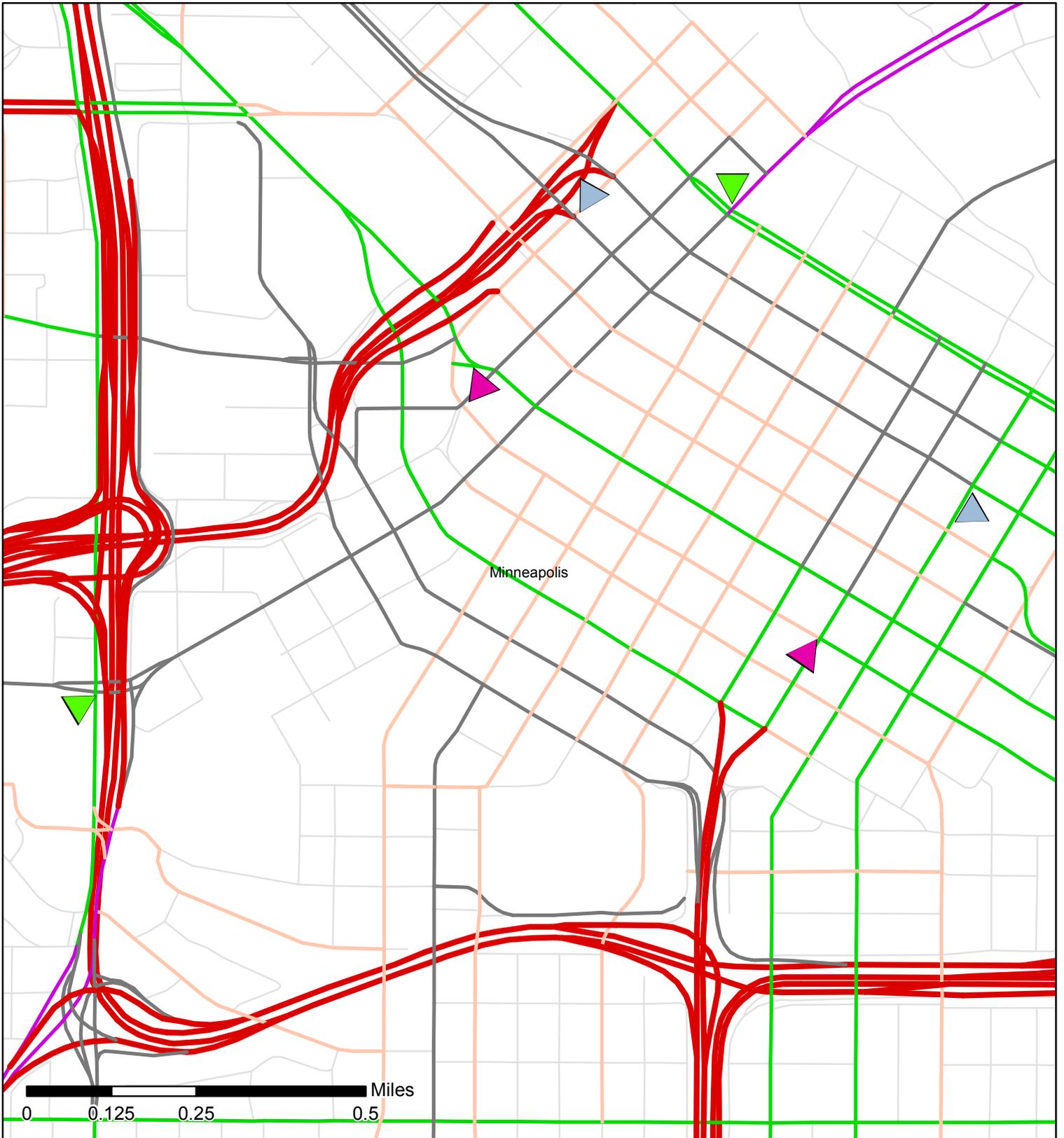
TO	ACTION REQUESTED	DATE COMPLETED
TAC Planning Committee	Review & Recommend	July 10, 2014
Technical Advisory Committee	Review & Approve	
Transportation Advisory Board	Information	

Functional Class Roads Change Requests

City of Minneapolis

EXISTING CLASSIFICATIONS

ID# 1321-1323



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

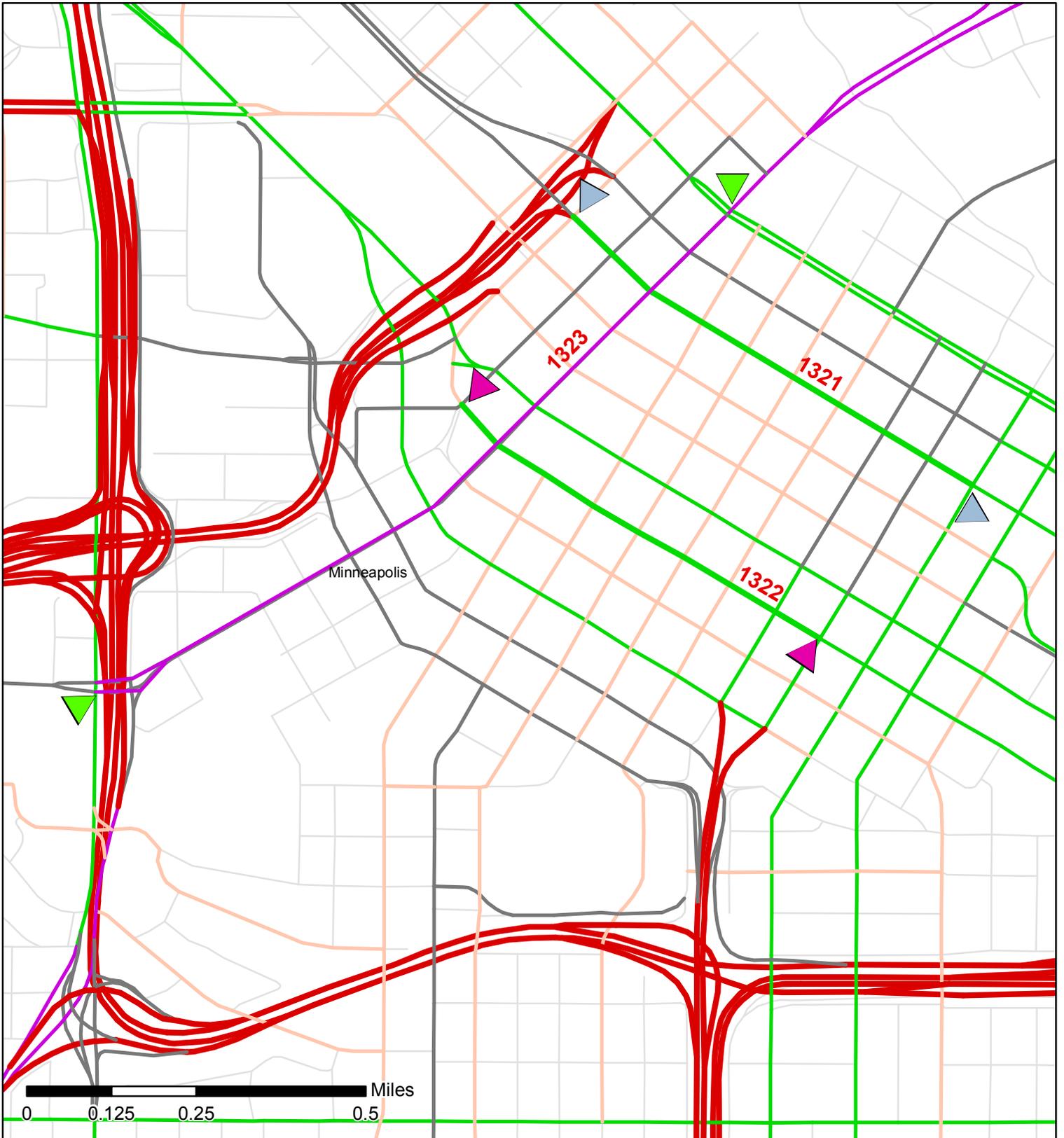
County Boundaries



Functional Class Roads Change Requests

City of Minneapolis

ID# 1321-1323



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



Regional Functional Classification Change Request Form

ID Number: 1321

Date of Request: 6-27-14

Roadway Name: 4th Street

Roadway CSAH #

Roadway MSA # 341

Roadway County Rd #

Request Type: Existing

Functional Classification Information:

Existing Roadway

Current Classification: B Minor

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: 2nd Avenue North (I-94/I-394 Off-Ramp)

Change End Location: Portland Avenue

Length of Requested Change (Miles): 0.72

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
4th Street is one of the most heavily used multi-modal corridors in the core of downtown Minneapolis. 4th Street is a one-way eastbound, however, it also has a westbound contra-flow transit lane in addition to an eastbound bicycle lane. It is a major bus corridor for both eastbound and westbound buses. 4th Street provides access into the core of downtown Minneapolis from both eastbound I-94 and I-394, and out of downtown to I-35W. A new freeway access ramp will connect 4th Street to northbound I-35W, scheduled for construction in 2015. 4th Street is already an A-Minor Arterial from Portland Avenue to the east. This request is to extend the A-Minor classification from Portland Avenue to 2nd Avenue North, which is currently a B-Minor. The traffic volumes on this segment are actually substantially higher (approximately 15,000-20,000 ADT) than on the segment that is already an A-Minor (approximately 10,000 ADT). The design characteristics are the same throughout the length of this corridor.

----- 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 direct access into and out of the core of downtown Minneapolis including multiple major traffic generators including Target Field, Target Center, the

Regional Functional Classification Change Request Form

ID Number: 1321

Date of Request: 6-27-14

Central Library, the Minnesota Multi-Purpose Stadium, as well as the downtown employment concentration, entertainment, restaurants, and other activities.

Spacing: The nearest A-Minor for this segment is Washington Avenue, 0.16 miles to the north. The nearest A-Minor to the south is 7th Street, 0.23 miles away, however, 7th Street is a one-way westbound. The nearest eastbound Minor Arterial is 10th Street, 0.31 miles away.

Management: 15 MPH average speeds are maintained during peak periods based on observations, no recent speed study has been completed.

System Connections & Access Spacing: Provides direct access into the core of downtown Minneapolis from both eastbound I-94 & I-394. Provides access from downtown to southbound I-35W, a new ramp will provide access to northbound I-35W (construction 2015) as well as access to the University of Minnesota East and West Banks.

Trip Making Services: 4th Street serves primarily short and some medium length trips at moderate speeds. It also serves both local and express transit trips in both directions, with the contra-flow transit lane. 4th Street serves Metro Transit local routes 3, 7, 14, and 16 and at least 15 express routes (94, 760, 761....780, 781, 850, etc.)

Mobility vs. Land Access: Provides mobility through the downtown core and access to multiple major traffic generators.

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: Provides direct relief and access to/from I-35W, I-94, and I-394.

Location: The downtown core of Minneapolis

Trip Length: Short to medium trips

Problem Addressed: Relief of parallel congested Principal Arterials.

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

Intersection Treatments: All intersections are signalized.

Present AADT: 9,500-20,000

Estimated Future AADT/Year: NA

Source of Estimated AADT/Date: NA

Posted Speed: 30 MPH

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

Regional Functional Classification Change Request Form

ID Number: 1321

Date of Request: 6-27-14

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 Minneapolis

Contact Person: Steven Hay

Phone: 612-673-3884

Fax: 612-673-2048

Email: steven.hay@minneapolismn.gov

Address: 309 2nd Ave S, Room 300

City: Minneapolis

State: MN

Zip: 55401

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

Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Recommend approval

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: -----

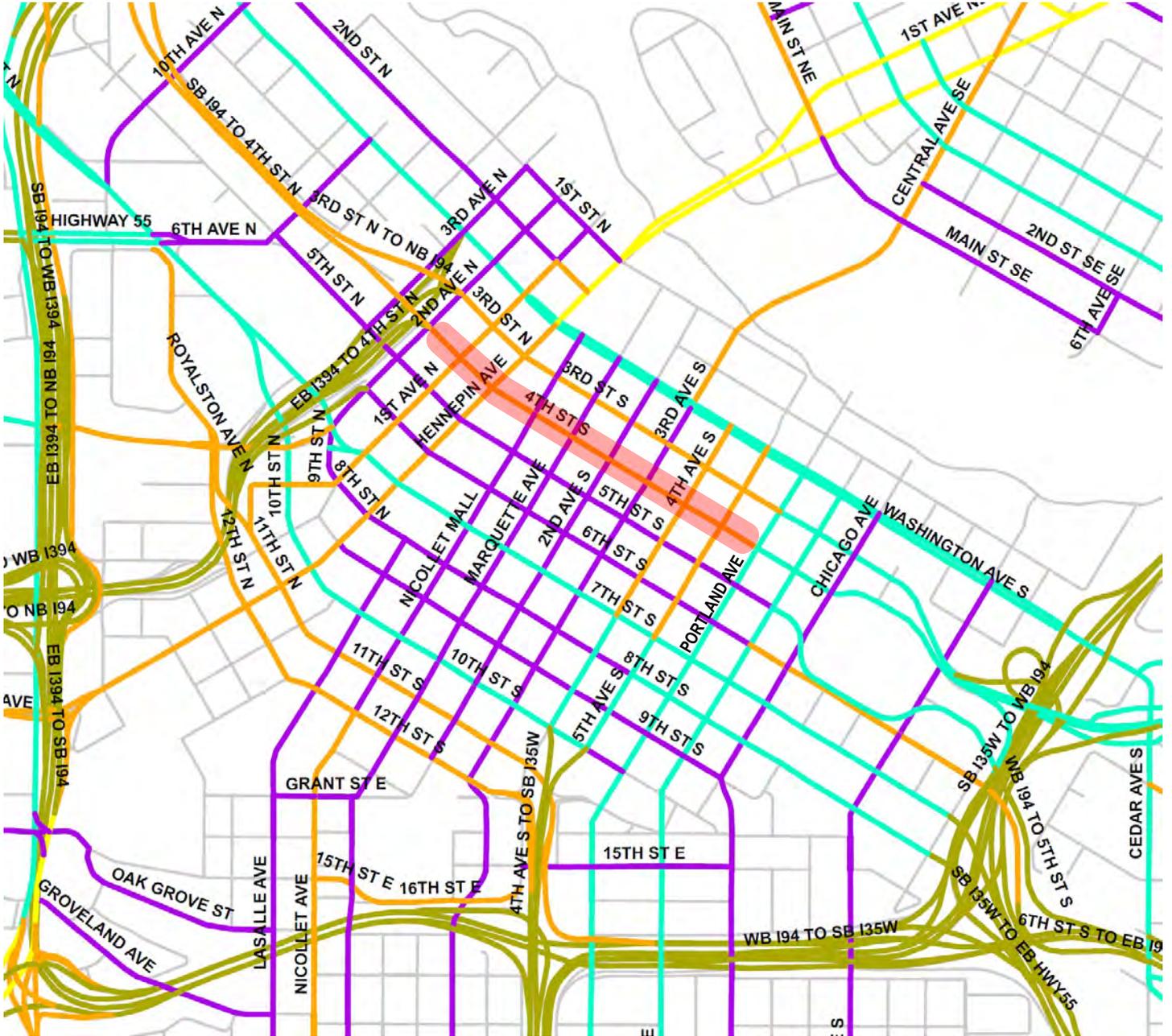
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Previous Action ID:

Date:

CITY OF MINNEAPOLIS REGIONAL FUNCTIONAL CLASS CHANGE REQUEST

4th Street - 2nd Ave N to Portland Ave



JUNE 2014

 AREA OF CHANGE



Regional Functional Classification Change Request Form

ID Number: 1322

Date of Request: 6-27-14

Roadway Name: 8th Street

Roadway CSAH #

Roadway MSA # 434

Roadway County Rd #

Request Type: Existing

Functional Classification Information:

Existing Roadway

Current Classification: Major Collector

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: 1st Avenue North

Change End Location: 5th Avenue South

Length of Requested Change (Miles): 0.62 Miles

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

8th Street is one of the primary east-west streets in the core of downtown Minneapolis. It is a one-way street eastbound, generally with three through traffic lanes. 8th Street is the primary eastbound bus transit corridor in downtown serving multiple transit routes. It is already an A-Minor Arterial from 5th Avenue S to 13th Avenue S, where it becomes the entrance ramp to southbound TH 55, a Principal Arterial. This request is to extend the A-Minor classification from 5th Avenue S to 1st Avenue N. The design, characteristics, and traffic volumes are generally consistent in this segment as they are to the east in the segment that is already an A-Minor.

----- 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 direct access into and out of the core of downtown Minneapolis including multiple major traffic generators including Target Field, Target Center, Hennepin County Medical Center, the Minnesota Multi-Purpose Stadium, as well as the downtown employment concentration, entertainment, restaurants, and other activities.

Spacing: The nearest A-Minor to the north is 7th Street (0.08 miles away), however, 7th St is a one-way westbound. The nearest eastbound A-Minor is 10th Street, 0.16 miles to the south.

Regional Functional Classification Change Request Form

ID Number: 1322

Date of Request: 6-27-14

(Note: In the core of downtown Minneapolis, there are numerous A and B Minor Arterials spaced one-block apart. Example-Washington Ave, 3rd St, 4th St, 5th St, 7th St, 8th St, 10th St, 11th St, 12th St.)

Management: 15 MPH average speeds are maintained during peak periods based on observations, no recent speed study has been completed.

System Connections & Access Spacing: 8th Street provides direct eastbound access into the core of downtown from the B-Minor Arterials 1st Ave N and Hennepin Avenue. 8th Street provides direct access out of downtown to southbound TH 55.

Trip Making Services: 8th Street serves primarily short and some medium length trips at moderate speeds. It also serves both local and express transit trips. 8th Street serves Metro Transit local routes 4, 5, 6, 9, 19, 22, and 39 as well as express route 755.

Mobility vs. Land Access: Provides mobility through the downtown core and access to multiple major traffic generators.

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: Provides direct relief to I-94 and direct access to southbound TH 55.

Location: The downtown core of Minneapolis

Trip Length: Short to medium trips

Problem Addressed: Relief of parallel congested Principal Arterials.

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

Intersection Treatments: All intersections are signalized.

Present AADT: 5,200 - 9,150

Estimated Future AADT/Year: NA

Source of Estimated AADT/Date: NA

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 Minneapolis

Contact Person: Steven Hay

Phone: 612-673-3884

Fax: 612-673-2048

Regional Functional Classification Change Request Form

ID Number: 1322

Date of Request: 6-27-14

Email: steven.hay@minneapolismn.gov

Address: 309 2nd Ave S, Room 300

City: Minneapolis

State: MN

Zip: 55401

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

Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Recommend approval

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: -----

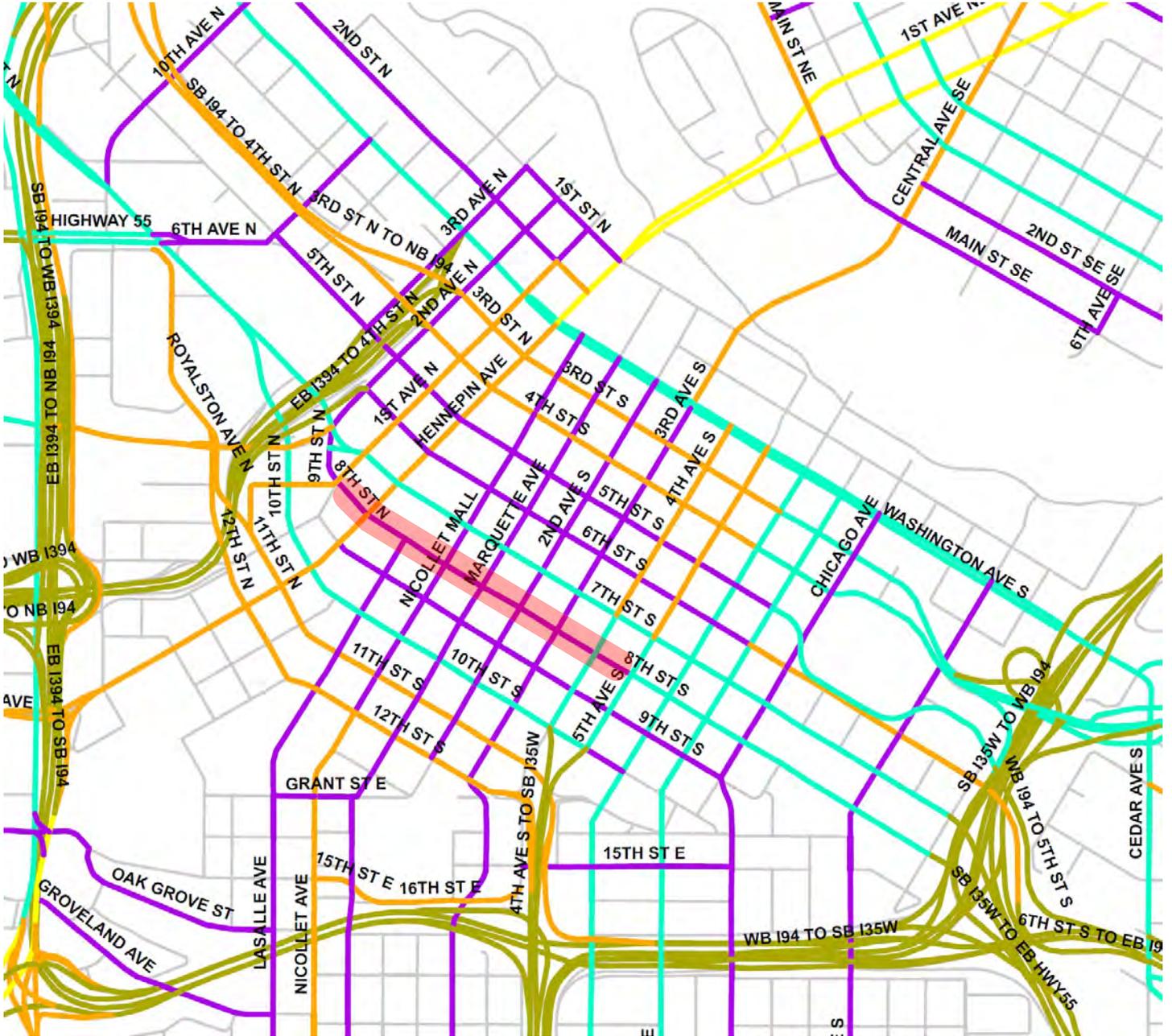
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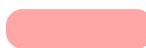
Date:

CITY OF MINNEAPOLIS REGIONAL FUNCTIONAL CLASS CHANGE REQUEST

8th Street - 1st Ave N to 5th Ave S



JUNE 2014

 AREA OF CHANGE



Regional Functional Classification Change Request Form

ID Number: 1323

Date of Request: 6-27-14

Roadway Name: Hennepin Avenue

Roadway CSAH #

Roadway MSA # 313

Roadway County Rd #

Request Type: Existing

Functional Classification Information:

Existing Roadway

Current Classification: B Minor

Requested Classification:

A Minor Augmentor

If other:

Planned to existing Contingent Conditions: -----

Other / Explain:

Planned Roadway

Current Classification: -----

Requested Classification: -----

If other:

Request Information:

Change Start Location: Lyndale Avenue S

Change End Location: Washington Avenue

Length of Requested Change (Miles): 1.2

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
Hennepin Avenue is one of the primary north-south streets in the core of downtown Minneapolis. It is one of only two routes in the downtown core that continues across the Mississippi River, linking Northeast Minneapolis to downtown. It is a two-way roadway with two through lanes in each direction. It is also a major bus transit corridor. It is already an A-Minor north of Washington Avenue, and south of Lyndale Avenue. This request is to extend the A-Minor Augmentor classification in this segment. The design, characteristics, and traffic volumes are generally consistent within this segment as they are to both north and south in the portions of Hennepin Avenue that are already an A-Minor.

----- 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 direct access into and out of the core of downtown Minneapolis including multiple major traffic generators including Target Field, Target Center, and the Central Library, as well as the downtown employment concentration, entertainment, restaurants, and other activities. This segment of Hennepin Avenue also links the downtown core to Northeast Minneapolis and South Minneapolis.

Regional Functional Classification Change Request Form

ID Number: 1323

Date of Request: 6-27-14

Spacing: The nearest A-Minor Arterials are the one-way pair Portland and Park Avenues. At 3rd Street the distances are 0.53 miles to Portland and 0.62 miles to Park. At 10th Street the distances are 0.67 miles to Portland and 0.75 miles to Park.

Management: 15 MPH average speeds are maintained during peak periods based on observations, no recent speed study has been completed.

System Connections & Access Spacing: Provides direct access to the core of downtown Minneapolis to/from I-94 and I-394. Hennepin Avenue also serves as an alternate route into and out of the downtown core from I-35W via University Avenue and 4th Street SE.

Trip Making Services: Hennepin Avenue serves both short and medium length trips at moderate speeds. It also serves both local and express transit trips in both directions including Metro Transit local routes 3, 4, 6, 7, 12, 14, 61 as well as express routes 94, 141, and Southwest Transit route 698.

Mobility vs. Land Access: Provides mobility through the downtown core and access to multiple major traffic generators

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: Hennepin Avenue supplements multiple principal arterials including I-35W, I-94, I-394, and TH 55.

Location: The downtown core of Minneapolis

Trip Length: Primarily medium length trips

Problem Addressed: Supplements and relieves multiple principal arterials including I-35W, I-94, I-394, and TH 55.

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

Intersection Treatments: All intersections are signalized.

Present AADT: 12,000 - 21,500

Estimated Future AADT/Year: NA

Source of Estimated AADT/Date: NA

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.

Regional Functional Classification Change Request Form

ID Number: 1323

Date of Request: 6-27-14

Contact Information:

Agency/City/County: City of Minneapolis

Contact Person: Steven Hay

Phone: 612-673-3884

Fax: 612-673-2048

Email: steven.hay@minneapolismn.gov

Address: 309 2nd Ave S, Room 300

City: Minneapolis

State: MN

Zip: 55401

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

Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Recommend approval

MnDOT Consent: YES

NO

Comments:

Potential Issues:

Change Tracking:

TAC Planning Record of Decision:

Date:

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