

ACTION TRANSMITTAL 2014-50

DATE: July 18, 2014
TO: TAC
FROM: TAC-Planning Committee
PREPARED BY: Bob Paddock, MTS Staff
SUBJECT: Roadway Functional Classification Changes – Scott County
REQUESTED ACTION: Scott County requests that the following roadway be reclassified as an A-Minor Expander Arterial.
RECOMMENDED MOTION: Move approval of #1324 – Marystown Rd (CSAH15) from the TH169 westbound ramps to CSAH78 (130th Street W) be reclassified from a B-Minor Arterial to an A-Minor Expander Arterial.

BACKGROUND AND PURPOSE OF ACTION: In an attempt to bring the interchange of CSAH 15 and TH169 into conformance with the region's interchange requirements, Scott County is requesting the reclassification of CSAH 15 (Marystown Rd) from a B-Minor to an A-Minor Expander Arterial.

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 comments are included on the attached functional classification change request form.

ROUTING

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

Regional Functional Classification Change Request Form

ID Number: 1324

Date of Request: 6-27-14

Roadway Name: Marystown Rd

Roadway CSAH # 15

Roadway MSA #

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: CSAH 78

Change End Location: TH 169 (include ramp termini)

Length of Requested Change (Miles): 1 mile

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

Purpose of Change: Please explain rationale for requested Change
The County would like to change the functional classification to bring an existing interchange into conformance with the region's requirements for interchanges. CSAH 15 is an existing interchange with TH169. Currently CSAH 15 is a B-Minor Arterial and not an A-Minor arterial. The interchange guidelines currently say connections to the principal arterials should be limited to other principals and A-minors.

----- 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: In the City of Shakopee CSAH 15 provides a connection from the developing area of Shakopee to TH 169. CSAH 15 provides a connection to CSAH 16 (A-Minor Reliever) and CSAH 78 (A-Minor Expander). Outside the MUSA, CSAH 15 provides connections to rural growth areas of the County and an orderly annexation area for the City of Shakopee in Jackson Township.

Spacing: The corridor meets the access spacing guidelines for an A-Minor Arterial. There are currently only two public street connections to CSAH 15. These connections are CSAH 16 an A-Minor Reliever, and 128th Street a Township road. CSAH 16 is spaced approximately 1/4

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mile south of the southern ramp termini for TH 169. 128th Street is spaced approximate 1/4 mile north of CSAH 78. There are six existing direct driveway access for rural residential homes. These driveway accesses are anticipated to be removed as development occurs in the area over time. Removal of direct driveway accesses during development is consistent with County requirements.

Management: The County requires 1/4 mile access spacing for both A and B Minor Arterials. The current speed limit is 55 mph.

System Connections & Access Spacing: The connection would be in conformance with the current guidelines for minor arterials. The A-Minor would connect to a freeway, an A-Minor arterial, and a Township collector street. CSAH 15 is spaced 1 mile east of CSAH 69 (an A-Minor), and CSAH 15 is spaced 1.75 miles west of CSAH 17 (an A-Minor).

Trip Making Services: The proposed A-minor supports medium to short trips per the functional classification system criteria. Residents use CSAH 15 to access TH 169, CSAH 78, or CSAH 16 to access homes, public recreation facilities and schools in the area. CSAH 15 also provides access from TH 169 to the State Women's Prison located in Shakopee.

Mobility vs. Land Access: The emphasis on the Minor arterial is on mobility rather than land access. Access spacing is limited to 1/4 mile on CSAH 15. There are six existing rural residential accesses to the segment of CSAH 15. These accesses are anticipated to be removed as development occurs. No new direct access to CSAH 15 is permitted with current County access spacing criteria. The spacing is consistent with the County's access spacing guidelines.

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 connection between developing areas

Location: Outside the I494/694 Beltway, within MUSA

Trip Length: CSAH 15 can provide medium trips

Problem Addressed: Accommodates urban growth

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

Intersection Treatments: Traffic on CSAH 15 does not stop from CSAH 78 north to Vierling Drive (1/4 mile north of the TH 169 ramps). All roads intersecting CSAH 15 have stop conditions.

Present AADT: 4600 - 2013 count

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Date of Request: 6-27-14

Estimated Future AADT/Year: 14,800

Source of Estimated AADT/Date: CH 69/TH 169 EAW (2011)

Posted Speed: 55 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: Scott County

Contact Person: Craig Jensen, Transportation Planner

Phone: 952-496-8329

Fax: 952-496-8365

Email: cjensen@co.scott.mn.us

Address: 600 Country Trail E

City: Jordan

State: MN

Zip: 55352

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

Staff Recommendation:

Consent Approval: -----

Technical Correction: -----

Staff Recommendation: Recommend Approval

MnDOT Consent: YES

NO

Comments: The stated purpose of this change

is to bring the interchange into conformity with regional guidelines for interchanges. This conformity addresses new interchanges rather than existing, so on this basis there is no requirement to do so. However, the roadway does appear to meet the criteria for an A-Minor Expander arterial for this area. Staff is conflicted over the short length requested for this classification and suggests the committee consider extending it farther south.

MnDOT staff asked that if there are plans to continue to upgrade Marystown Road down to Highway 282, consideration be made to possibly downgrade another facility in order to maintain the existing percentage guidelines for functional classification.

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:

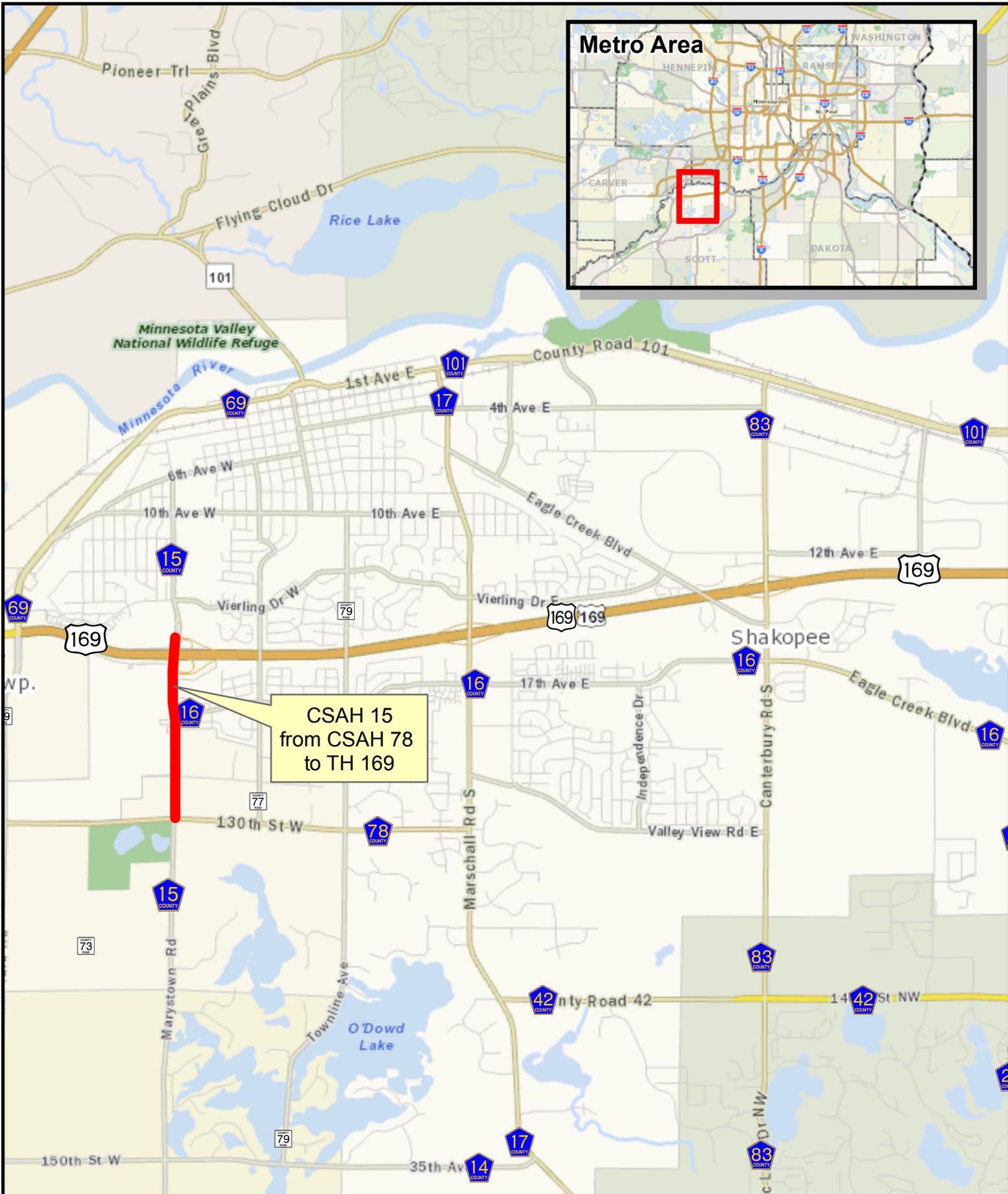
Previous Action ID:

Date:

Regional Functional Classification Change Request Form

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Date of Request: 6-27-14



Scott County
 Physical Development Dept
 600 Country Trail East
 Jordan, MN 55352

Location Map

Shakopee, MN
 Township 115 North, Range 23 West

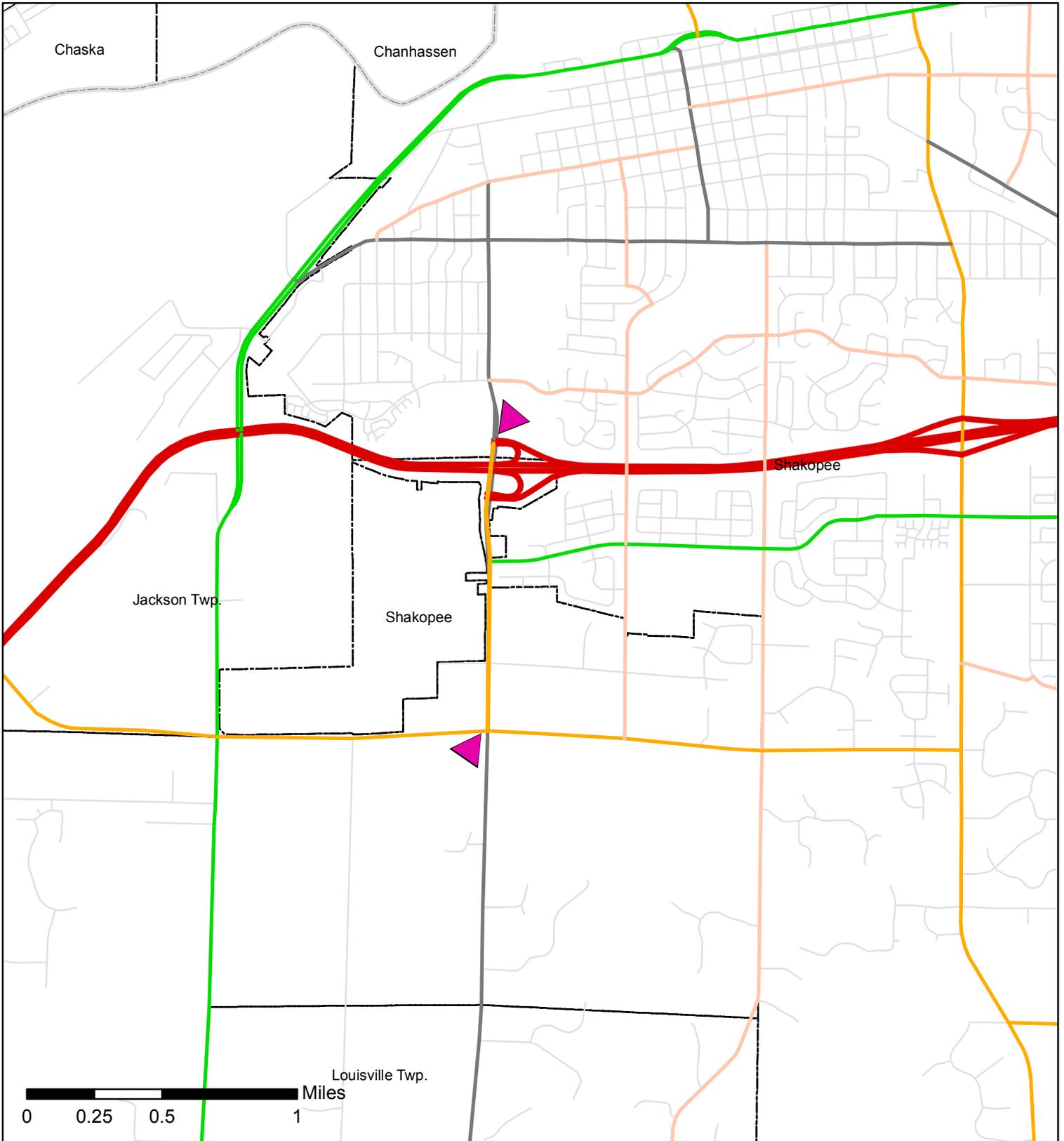
CSAH 15 Functional Classification Change Request

0 0.5 1 Miles



Functional Class Roads Change Requests Scott County

ID# 1324



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





June 6, 2014

RECEIVED
JUN 9 - 2014

Craig Jensen
Scott County Transportation
Scott County Highway Department
600 Country Trail East
Jordan, MN 55352

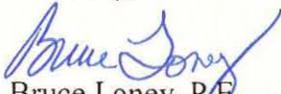
RE: Functional Classification Change for CH 15 from TH 169 to CH 78.

Dear Craig:

This letter is to support the County's application for a roadway functional classification change for CH 15 from TH 169 to CH 78 to an "A" minor arterial. While this change in classification the roadway segment can be eligible for Federal grants and is consistent with other County road commuters to TH 169 interchange.

If you have any questions on this letter, please call me at 952-233-9361.

Sincerely,


Bruce Loney, P.E.
Public Works Director

ENGR 2014-Letter/CraigJensen_ScottCo_CH15

COMMUNITY PRIDE SINCE 1857

129 Holmes Street South • Shakopee, Minnesota • 55379-1351 • 952-233-9300 • FAX 952-233-3801 • www.ci.shakopee.mn.us