

Functional Classification Study – TAC Planning



Study Overview

Today's Presentation

- Introduction of consultant team and experience
- Study purpose
- Schedule
- Key tasks and deliverables
- Brainstorming activity – process change form and Appendix D
- Current activities and questions



Study Purpose



Overview

This study has been initiated to provide the framework for updating the functional classification in the Twin Cities metropolitan area so it is consistent with federal guidance and to incorporate the new framework into the Council's Transportation Policy Plan (TPP).

Establishing the framework includes thinking through and documenting how state and local agencies will identify and process potential functional classification change requests.

Development of the new framework also requires consideration of the existing A-Minor arterial network and its value to the region.

Study Schedule

Task Number and Description	Deliverables	2022												2023							
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1. Project Management and Coordination																					
1.1	Ongoing coordination/communication	E-mails, phone calls, teams/zoom calls, etc. as needed																			
1.2	Monthly progress reports/status updates	Monthly invoice and progress report																			
1.3	Project manager meetings	Weekly to twice a month phone call & e-mails																			
1.4	Project management team meetings	M		M			M			M		M	M			M			M		
1.5	TAC Planning meetings			M		M			M			M			M			M			
1.6	TAC meetings									M						M					
2. Peer Region Review																					
2.1	Peer-region review of functional classification process and implemented functional classifications	List of up to five peer MPO areas reviewed for functional classification role and classifications implemented; list of up to five questions for use in MPO interviews; up to 30 PowerPoint slides for up to six MPO areas in the United States, including Greater Minneapolis-Saint Paul (e.g., five slides per peer region); notes from up to six MPO interviews																			
2.2	Evaluate Effectiveness of the "A" Minor Arterial Designation in Regional Decision-Making	Technical memorandum documenting A Minor Arterial designation evaluation process and results																			
3. Analysis and Update of TPP Appendix D																					
3.1	Analysis of Appendix D & consistency with 2013 FHWA Guidance	Matrix documenting differences between Appendix D criteria/guidelines and 2013 FHWA Guidance; Appendix D revisions																			
4. Process Documentation and Coordination																					
4.1	Functional classification change request process document	Process documentation chart and recommendations																			
4.2	Incorporation of changes to the functional classification submittal/approval process	Up to 25 PowerPoint slides identifying change areas for website content and modifications to Appendix D; development of a new functional classification change form																			
4.3	Outreach and education on the functional classification process	Two-page functional classification flyer; functional classification frequently asked questions/list up to 15 questions and responses; two PowerPoint slides on communications tactics																			
5. Identification of Future Roadways of Interest																					
5.1	Identification & mapping of key minor arterials that relieve congestion	Identification of key congestion reliever routes (maps, list, & matrix)																			
5.2	Identification & mapping of potential other principal arterials	List of potential Other Principal Arterials																			
6. Development of a future PA Functional Class Map																					
6.1	Map development	Draft and final map; GIS files																			
7. Final Deliverables																					
7.1	Executive Summary																			D	F
7.2	Presentation																			D	F

TASK DURATION
 M MEETING
 D DRAFT SUBMITTAL
 F FINAL SUBMITTAL

Key Tasks and Deliverables – Task 1

Project Management - 1

- Project management team meetings (6 – 8)
- TAC Planning meetings (6)
- TAC meetings (1-2)
- TAB (1)



Key Tasks and Deliverables – Task 2



Peer Region Review – Task 2

- Peer region review of functional classification process and implemented functional classification
 - 5 peer MPO areas
 - Baltimore, MD
 - Pittsburgh, PA
 - Denver, CO
 - Seattle, WA
 - St. Louis, MO
 - Questions and interviews
- Evaluate effectiveness of the A-Minor arterial designation in regional decision-making
 - Technical memo

Key Tasks and Deliverables

Analysis and Update of TPP Appendix D – Task 3

- Analysis of Appendix D and Consistency with FHWA guidance
 - Matrix documenting differences between documents
 - Recommendations for changes
 - Revisions to Appendix D guidance



Key Tasks and Deliverables – Task 3



Process Documentation and Coordination – Task 4

- Functional classification change request process document
 - Chart of existing process
 - Identify potential changes (peer region)
 - Revise chart based on input
- Changes to the functional classification submittal approval process
 - Develop changes for Appendix D
 - Develop new functional classification change form
- Outreach and education on the functional classification process
 - Develop FAQ list regarding functional classification revision process
 - Flyer announcing changes to revision process

Key Tasks and Deliverables – Task 5

Identification of Future Roadways of Interest – Task 5

- Identification and mapping of key minor arterials that relieve congestion
 - Approach to this process
- Identification and mapping of potential other principal arterials
 - Review of MnDOT “other PA” list
 - Review of city and county lists
 - List of routes consistent with FHWA guidance



Key Tasks and Deliverables – Task 6



Development of a Future PA Functional Class Map – Task 6

- Future PA functional classification map
 - Draft and final maps
 - GIS files

Key Tasks and Deliverables – Final

Final Deliverables – Task 7

- Executive Summary
 - Draft and final
- Presentations
 - Draft and final



Brainstorming Exercise



Appendix D

- Areas of confusion for users
- Inconsistent route designations (existing principal arterials or minor arterials)
- Other concerns

Functional Class Change Request

- Frequency of use – how often do you review requests? Is it centered around regional solicitation time periods or comprehensive plan updates? Other?
- Areas of confusion for users. What works well?
- Is it generally easy for people to use?
- Any complaints about form or process?
- Do people follow-up with comp plan changes?
- Any other concerns?

Current Activities

Task Activities

- Peer region comparison
- Review of “A” system
- Document comparison – FHWA and Appendix D



Questions

Any Comments/Questions?