



MPO Staff Report
Technical Advisory Committee: September 11, 2019
MPO Executive Board: September 18, 2019

RECOMMENDED ACTION: Approval of the North Dakota side Functional Re-Classification.

Matter of the Approval of the North Dakota side Functional Re-Classification.

Background:

In May Functional Re-Classification was introduced, particularly for the North Dakota side. Minnesota was asked to look over their side. The answer they returned was that with the 2014-2015 review process they did the changes at that time and there was no real change that was necessary. For this Functional Re-Classification we will only be discussing changes in North Dakota.

NDDOT has provided comments and guidance for this process. The first is future extensions will not be shown unless they are in the TIP. This way partners and the public are informed about Federally funded projects, as well as locally funded projects that are regionally significant. The second is functionally classified roads need to connect to other functionally classified roads. The thought being that the end of road is not functioning to the level of the sections that are connected to other functionally classified roads. The last is that boundaries like city limits and urban area do not demand a change in functional classification.

A map was created that took out the future extensions and the stubs that are not part of the frontage roads. After talking further with NDDOT they will be looking for some of the currently classified frontage roads to change classification because they do not connect to other functionally classified roads. This also brought up the issue of crossovers. If the crossovers are part of the frontage road and connect to other functionally classified roads, they allow for the frontage road to stay classified. Even with this consideration there are quite a few frontage road sections that would be considered stubs. There is still conflicting guidance on how to deal with frontage roads that NDDOT needs to clear up. A map of various locations where frontage roads are being considered stubs by some was sent to NDDOT. The question is can they be classified because they are frontage roads even though they do not connect to another functionally classified road on both ends of the road?

At the July TAC meeting a good discussion about many of the classified roads happened. The changes were made that were discussed at the meeting. An updated map was created and the number of miles & percentages in each category was calculated. MPO staff asked our partners to look over the updates and discuss them at the August TAC meeting.

With no other changes desired from our August TAC meeting, staff is presenting the final Functional Classification map that will go to NDDOT for approval. Staff recommends approval of Functional Classification Map

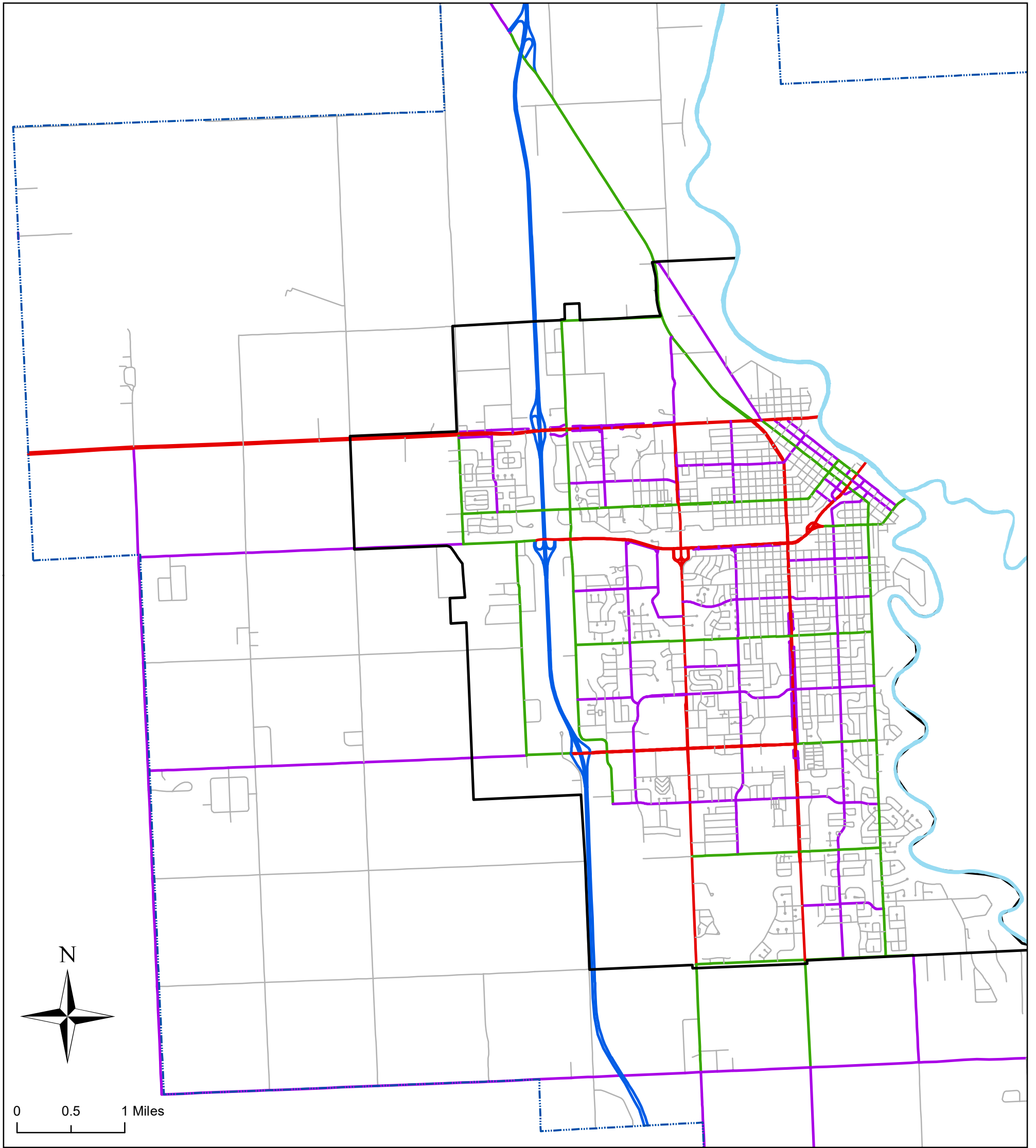
Findings and Analysis:

- The functional classification needs to be reviewed and updated.
- FHWA updated their guidance in functional classification and this will be the primary guide used. Each state has promulgated state specific guides that will be followed.
- The Minnesota side was recently updated so the review will be limited.
- The North Dakota side will require more review due to this being the first update under the new guides.
- The Work Program has identified this activity being done this year.
- Staff recommends approval of the Functional Re-Classifications.

Support Materials:

- Final Functional Classification Map
- Table of changes
- Table of mileages and percentages.

2019 Functional Classification Grand Forks, North Dakota



- Interstate
- Principal Arterial
- Minor Arterial
- Collector/Major County Collector
- Local

- Adjusted Federal Aid Urbanized Area
- MPO Study Area
- Water

MPO Executive Director

Date

North Dakota Department of Transportation

Date

Total Road Mileage Difference Grand Forks MPO Area 2019			
Functional Class Types	MPO		Changes
	2010	2019	
Interstate	16.4	16.2	-0.2
Principal Arterial	24.4	24.4	0.0
Minor Arterial	37.0	33.8	-3.2
Collector	52.4	61.8	9.4
Local Roads	224.5	249.4	25.0
Total Road Difference Yearwise	354.6	385.6	31.0

Total Road Mileage Difference Grand Forks Urban Area 2019			
Functional Class Types	Urban		Changes
	2010	2019	
Interstate	10.0	10.0	0.0
Principal Arterial	21.4	21.4	0.0
Minor Arterial	33.9	30.9	-3.0
Collector	38.0	40.4	2.4
Local Roads	160.3	190.4	30.1
Total Road Difference Yearwise	263.6	293.1	29.5

Total Road Mileage Percentage Difference Grand Forks MPO Area 2019			
Functional Class Types	MPO		Changes
	2010	2019	
Interstate	5%	4%	-1%
Principal Arterial	7%	6%	-1%
Minor Arterial	10%	9%	-1%
Collector	15%	16%	1%
Local Roads	63%	65%	2%
Total Road Difference	100%	100%	0%

Total Road Mileage Percentage Difference Grand Forks Urban Area 2019			
Functional Class Types	Urban		Changes
	2010	2019	
Interstate	4%	3%	-1%
Principal Arterial	8%	7%	-1%
Minor Arterial	13%	11%	-1%
Collector	14%	14%	-1%
Local Roads	61%	65%	4%
Total Road Difference	100%	100%	0%

ID	Segment Road	From	To	Changes From	Final Classification	SURFACE	Segment Road Length (In Miles)
1	N 3rd St	Gateway Dr	Univesity Ave	Minor Arterial	Major Collector	Paved	0.608
2	N 4th St	Gateway Dr	Univesity Ave	Minor Arterial	Major Collector	Paved	0.711
3	DeMers Ave near N 55th St	S 48th St	S 69th St	Minor Arterial	Major Collector	Paved	1.507
4	17th Ave S and S 48th St	S 48th St	S 58th St	Minor Arterial	Local	Gravel	0.527
5	47th Ave S and S 30th St	S Columbia Road	I 29	Minor Arterial	Local	Graded & Drained	0.543
6	S Washington St US 81	55th Ave S	12th Ave NE	Major Collector	Minor Arterial	Paved	1.473
7	Adam's Drive	Belmont Road	62nd Ave S	Major Collector	Local	Paved	1.166
8	62nd Ave S	Belmont Road	16th St SE	Minor Arterial	Local	Paved	1.001
9	11th St NE S Columbia road	12th Ave NE	62nd Ave S	Local	Minor Arterial	Paved	0.400
10	40th Ave S	S 38th St	Rummele Road	Local	Major Collector	Paved	0.360
11	S 34th St	Rummele Road	40th Ave S	Local	Major Collector	Paved	0.499
12	N 48th St	17th Ave N	Gateway N Frontage Road	Collector	Local	Paved	0.236
13	S 38th St	39th Ave S	40th Ave S	Minor Arterial	Minor Arterial	Paved	0.075
14	Gateway N Forontage Road	N 43rd St	N 42nd St	Collector Front Rd	Major Collector	Paved	0.161
15	Ruemelle Road	S 34th St	40th Ave S	Collector	Local	Paved	0.265
16	N 36th St	Gateway Dr N Frontage Road	20th Ave N	Collector	Local	Paved	0.471
17	62nd Ave S & 16th St SE	16th st SE	62nd Ave S	Minor Arterial	Local	Gravel	0.095
18	62nd Ave S & S Columbia Rd	Augusta Drive, S Columbia Road	I 29 N	Minor Arterial	Local	Gravel	0.719
19	62nd Ave S and S Washington St	62nd Ave S	S Washington St	Major Collector	Minor Arterial	Paved	0.033