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July 19, 2016

Transportation Committee of the North Dakota Legislature
State Capitol Building
600 East Boulevard Avenue
Bismarck, ND 58505

Subject: Analysis of Funding from the Last 5 Years of Arterial Street Construction in Fargo & Traffic Level of Service Impacts to the FM Metro Long Range Transportation Plan as a Result of Being Fiscally Constrained

Dear Chairman Ruby, Vice Chairman Oehlke, and members of the Transportation Committee,

I have attached a spreadsheet that illustrates the funding appropriations on the last 5 years of construction projects on arterial streets in Fargo. This spreadsheet points out the City's total construction costs incurred for the projects listed, as well as how each project was paid for. You will notice that the total amount in the 5-year period was roughly \$95M, and of that amount, roughly \$71M was made up of local funds, whether it be City sales tax funds, City utility funds, special assessment funds, or City of West Fargo funds (on shared projects). The local amount accounts for nearly 76% of the total amount for these projects over the last 5 years. This spreadsheet also looked at the amounts of State Highway funds and Federal Highway funds, whose percentages were less than 1% (0.7%) and 23.6% respectively. What this spreadsheet is showing is that our City's arterial road network is relying heavily on the local property owners to help pay for needed street infrastructure; that Federal Highway funds are definitely assisting us with our projects; and that State Highway funds are pretty much non-existent at the local level as they pertain to arterial street construction.

I have also attached a few pages from Chapter 12 of the Fiscally Constrained Transportation Plan section of the 2014 FM Metro Long Range Transportation Plan. The first page of the plan shows Short-Term, Mid-Term, and Long-Term Roadway Priorities as well as projects identified as needed but not included in the plan due to it being fiscally constrained. Those projects not included in the plan but are shown as needed are labeled "Illustrative." You will note a number of these are located on I-94 and I-29 as well as in the southwest part of the metro. Looking at the next two pages of the plan, it is illustrating traffic congestion in year 2020 and in year 2040. The 2020 congestion map shows a limited amount of areas that have a failing level of service, while the 2040 congestion map is concerning and shows both I-94 and I-29 having numerous areas of failing levels of service, as well as the areas on the local system near the interstate interchanges. What the 2040 congestion map is showing is that if additional funding isn't available in the next 2 decades, drivers in the FM metro area will be increasingly frustrated with roadways operating over-capacity, both on the interstate system and on the local system.

Thank you for your time in reviewing this information.

Sincerely,


Jeremy M. Gorden, PE, PTOE
Transportation Division Engineer

JMG/jmg
Attachments

Street Lighting
Sidewalks

Design & Construction
Traffic Engineering

Truck Regulatory
Flood Plain Mgmt.

Mapping & GIS
Utility Locations

Analysis of Funding from the Last 5 Years of Arterial Street Construction in Fargo

7/19/2016

Year	Project Type and Location	Project Total	Local Funds			TOTAL Local Funds	State Funds	Federal Funds
			City funds - Fargo (Sales Tax/Utility)	Special Assessments - Fargo	Other (West Fargo)			
2012	10th Street N - Street Reconstruction 12th Ave N to 17th Ave N	\$4,900,000	\$900,000	\$900,000	\$0	\$1,800,000	\$300,000	\$2,800,000
	7th Avenue N - Bridge Deck Replacement & Widening, Street Reconstruction 36th Street to 39th Street	\$3,900,000	\$2,350,000	\$0	\$0	\$2,350,000	\$150,000	\$1,400,000
2013	Veterans Boulevard - New Street Construction 32nd Avenue S to 40th Avenue S	\$6,000,000	\$600,000	\$2,700,000	\$2,700,000	\$6,000,000	\$0	\$0
	7th Avenue S - Street Reconstruction 45th Street to 52nd Street	\$1,675,000	\$0	\$250,000	\$300,000	\$550,000	\$0	\$1,125,000
2014	25th Street - Street Reconstruction, New I-94 On-Ramp, Bridge Widening 17th Avenue S to 23rd Avenue S	\$19,200,000	\$8,280,000	\$1,000,000	\$0	\$9,280,000	\$220,000	\$9,700,000
	40th Avenue S - New Street Construction Drain 27 to Sheyenne Street	\$9,900,000	\$2,700,000	\$3,600,000	\$3,600,000	\$9,900,000	\$0	\$0
	19th Avenue N - Street Reconstruction 10th Street to 18th Street	\$6,100,000	\$1,600,000	\$4,500,000	\$0	\$6,100,000	\$0	\$0
2015	12th Avenue N - New Street Construction 45th Street to County Rd 19	\$23,300,000	\$1,400,000	\$4,100,000	\$10,600,000	\$16,100,000	\$0	\$7,200,000
2016	13th Avenue S - Street Reconstruction 38th Street to 45th Street	\$15,300,000	\$2,400,000	\$12,900,000	\$0	\$15,300,000	\$0	\$0
	64th Avenue S - New Street Construction University Drive to 25th Street	\$4,000,000	\$0	\$4,000,000	\$0	\$4,000,000	\$0	\$0
Totals		\$94,275,000	\$20,230,000	\$33,950,000	\$17,200,000	\$71,380,000	\$670,000	\$22,225,000
% of Total			21.5%	36.0%	18.2%	75.7%	0.7%	23.6%
			City funds - Fargo (Sales Tax/Utility)	Special Assessments - Fargo	Other (West Fargo)	TOTAL Local Funds	State Funds	Federal Funds

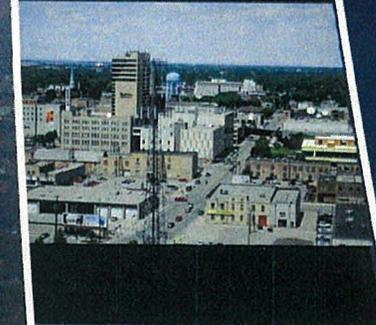
Fargo-Moorhead Metropolitan
Council of Governments



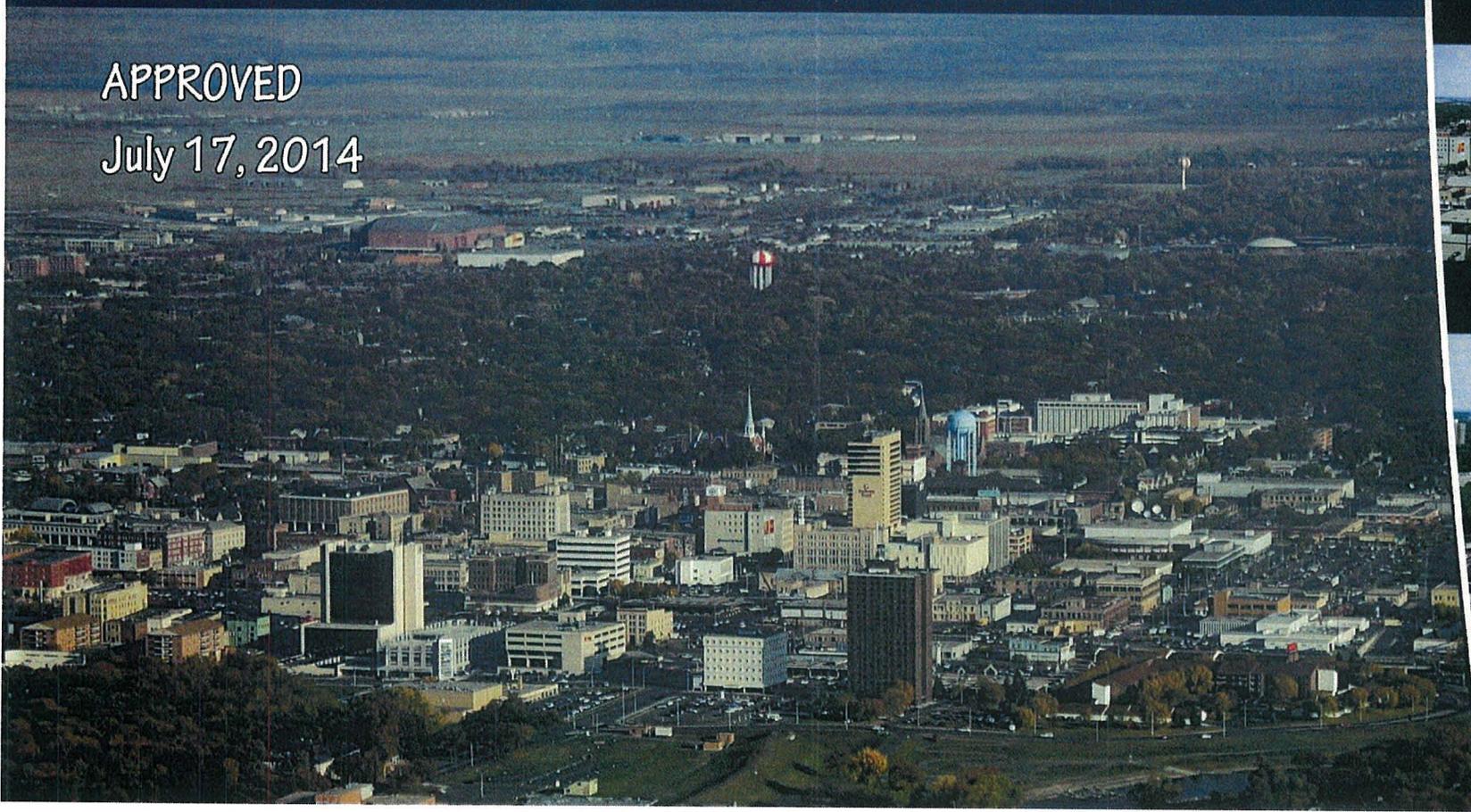
2014 Long Range Transportation Plan

APPROVED

July 17, 2014

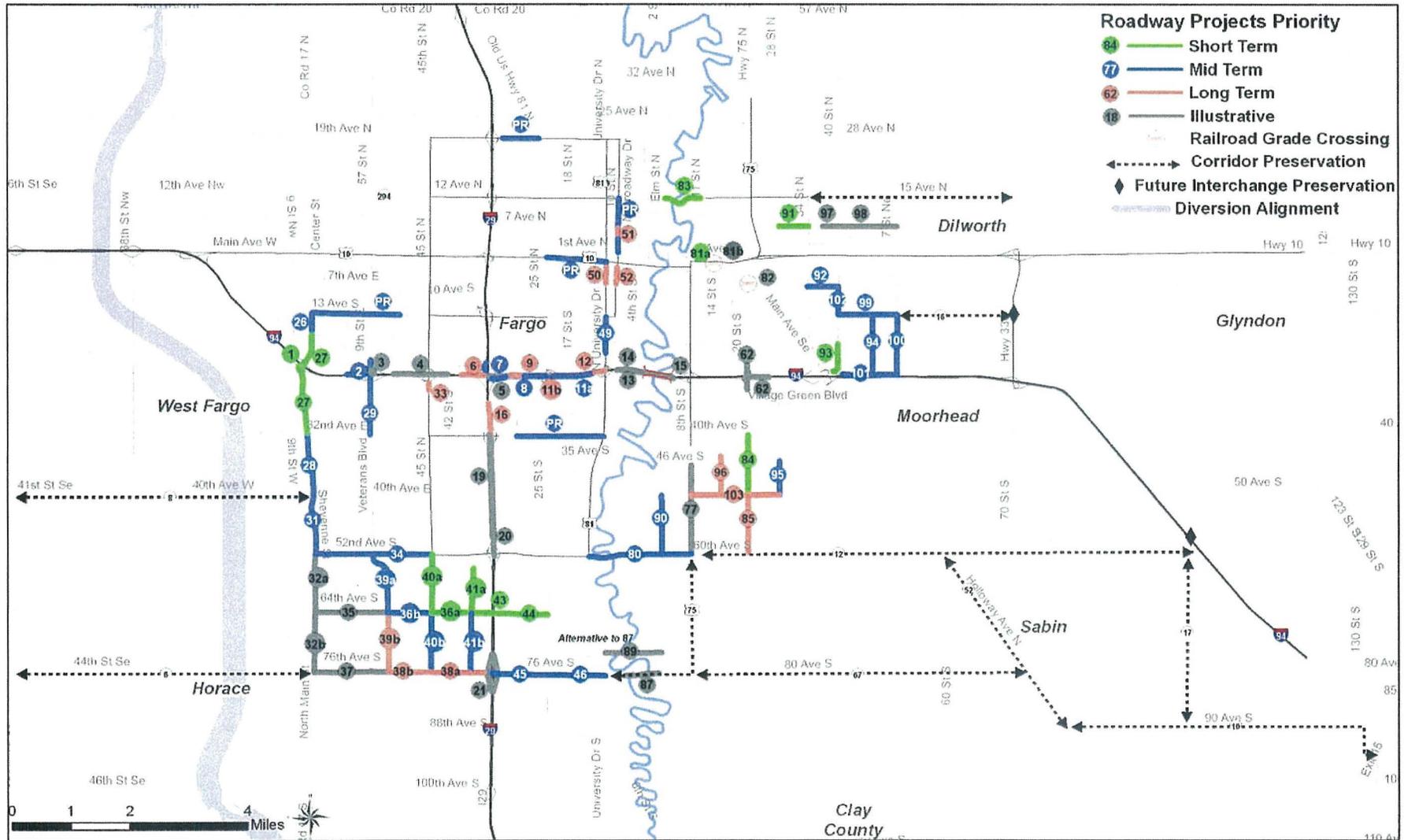


LSA



CHAPTER 12 – FISCAL CONSTRAINED TRANSPORTATION PLAN

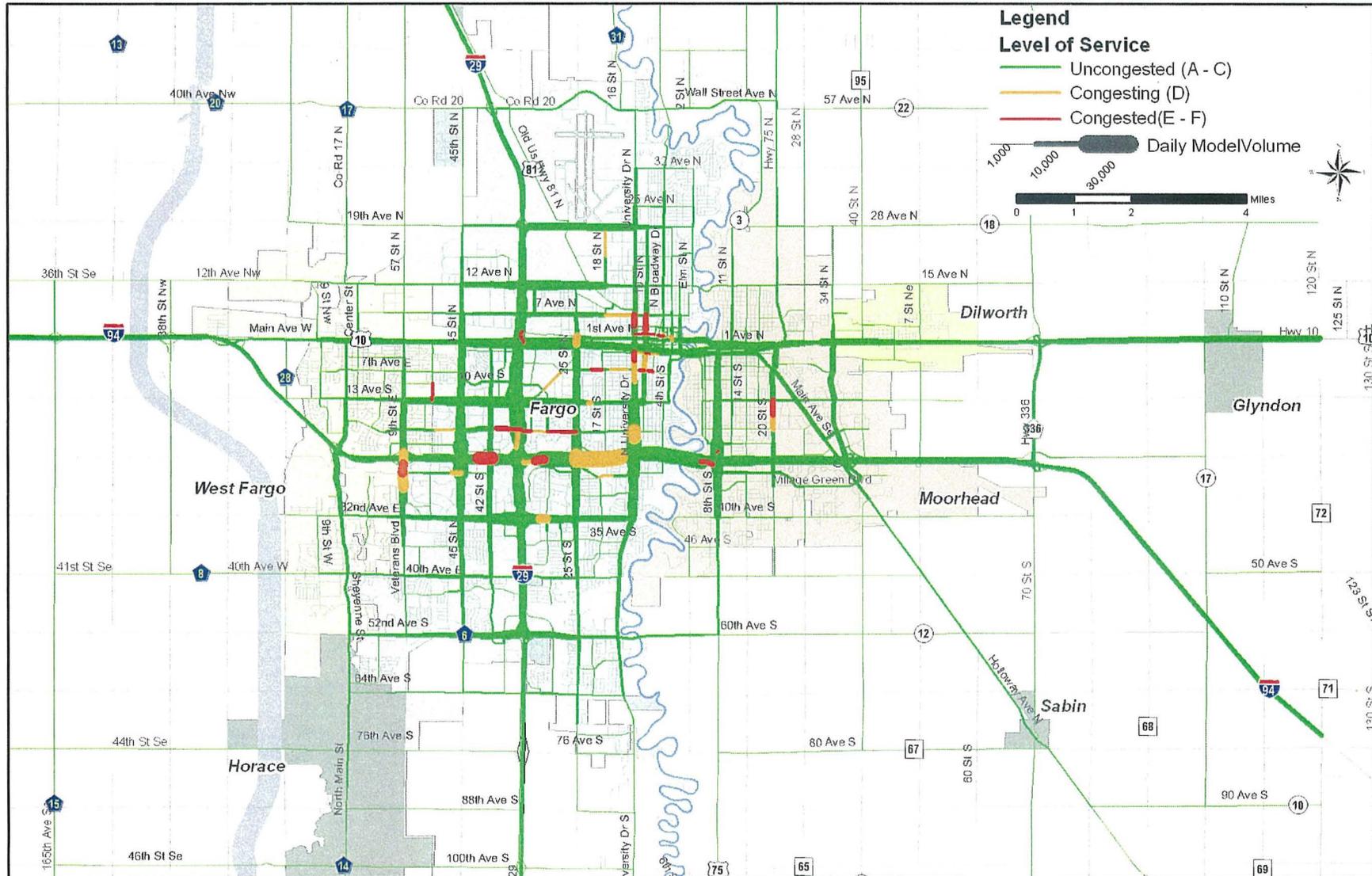
FIGURE 12-2: FISCAL CONSTRAINED PLAN



Source: Metro COG

CHAPTER 12 – FISCAL CONSTRAINED TRANSPORTATION PLAN

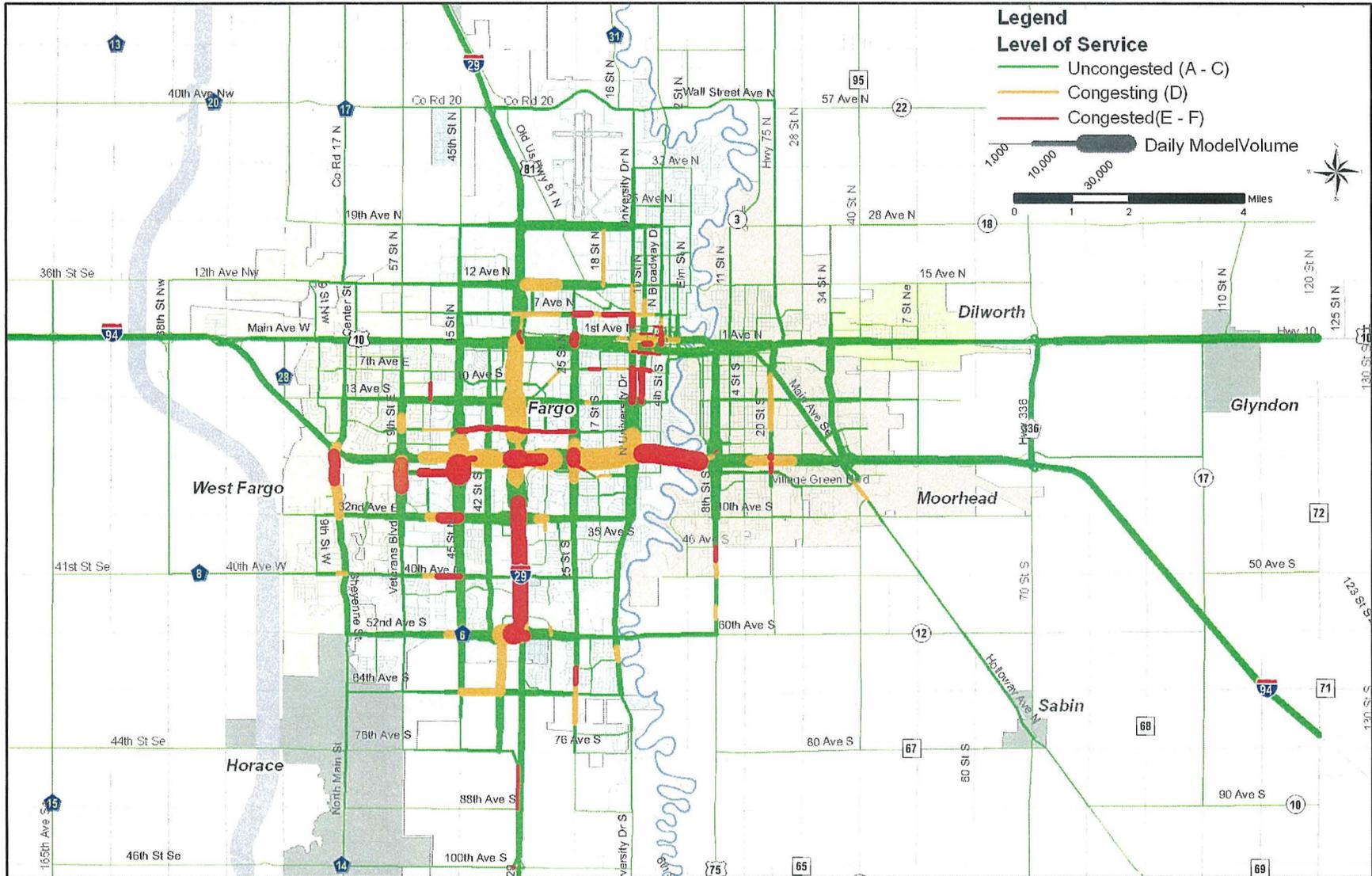
FIGURE 12-3: 2020 CONGESTION WITH SHORT-TERM FISCAL CONSTRAINED TRANSPORTATION IMPROVEMENTS



Source: Metro COG

CHAPTER 12 – FISCAL CONSTRAINED TRANSPORTATION PLAN

FIGURE 12-4: 2040 CONGESTION WITH FISCAL CONSTRAINED PLAN IMPROVEMENTS



Source: Metro COG