

Memorandum



Date: May 27, 2025

To: Buchanan City Commission

From: Tony McGhee, City Manager

Subject: Michigan Department of Transportation – Community Service Infrastructure Grant

Background

The Community Service Infrastructure Fund (CSIF), also known as Transportation Economic Development Fund (TEDF) Category B, was established as a stopgap measure to provide additional road funding to Michigan's smallest communities—especially those with limited resources for road improvements. Villages and small cities in Michigan with a population of 10,000 or fewer, according to the 2020 Census, are eligible to apply for this grant.

Eligible projects include the reconstruction, replacement, rehabilitation, or capital preventive maintenance of city or village streets, as well as stormwater improvements necessary for the road project. Only costs directly related to roadway construction and associated stormwater improvements are eligible for funding or matching credit. Applicants may apply for grants of up to \$250,000 or 50% of total project costs. City staff propose submitting an application to this program for improvements to Detroit Street and Remus Drive, covering the following scope and estimated project costs:

Project Scope:

- Remus Drive: From Detroit Street (west spring point) to Lake Street
- Detroit Street: From Remus Drive (south spring point) to Harlan Avenue (north spring point)
- Full-depth roadway reconstruction
- New water main and services
- Aggregate base and 4" HMA overlay
- 10% curb replacement (assumed), along with drainage improvements and ADA-compliant ramp upgrades

Estimated Total Cost: \$1 million

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- \$500,000 for road improvements
- \$500,000 for water system improvements
- Project scoping and cost estimation were completed by Wightman at no cost to the City

These roads are classified as local minor roads and are currently in poor condition. Additionally, the existing water main is shallow, requiring residents to drip their water during the winter to prevent freezing. If the grant is awarded, construction would begin in FY 2026–2027 and not need to be budgeted until that point.

Recommendation

City staff recommend that the City Commission approve a resolution committing the required local funding, contingent upon the award of the MDOT Category B grant. This would allow the City to complete a much-needed infrastructure project at a cost of only \$0.75 per dollar, thanks to the grant funding if awarded.

Attachment A: Project Estimate

ENGINEER'S ESTIMATE

PROJECT: **Remus Dr and Detroit St Reconstruction**
 CLIENT: **City of Buchanan**
 DATE: **April 9, 2025**

The project would reconstruction Remus Dr (from Detroit St (west springpoints) to Lake St) and Detroit St (from Remus Dr (south springpoint) to Harlan Ave(north springpoint)). The roadway surface would be fully removed to allow of the placement of new water main and services and fully built back up with subbase, aggregate base, and 4 inch of HMA. Underdrain would be placed beneath the subbase infront of the existing curb and gutter and tied to the existing basins. The existing curb and gutter would remain, except for area that are found to be needing to be replace (i.e. holding water, 10% assumed) and at drainage structures and curb ramps. It is assumed that all underground utility work will be performed between the existing curb lines. No private water services are included in the Water Main estimate.

1 L.S. Mobilization	@	33,000.00	33,000.00
1 L.S. Traffic Control	@	19,000.00	19,000.00
150 SYD Sidewalk, Rem	@	15.00	2,250.00
250 CYD Subgrade Undercutting	@	25.00	6,250.00
1,150 CYD Subbase, CIP	@	20.00	23,000.00
3,500 SYD Aggregate Base, 8 inch	@	15.00	52,500.00
3,500 SYD HMA Surface, Rem	@	7.50	26,250.00
12 STA Machine Grading	@	2,000.00	24,000.00
400 TON HMA, 4EL (Leveling)	@	90.00	36,000.00
400 TON HMA, 5EL (Surface)	@	95.00	38,000.00
35 TON HMA Approach	@	150.00	5,250.00
10 TON Hand Patching	@	250.00	2,500.00
80 FT Curb Ramp, Opening, Conc	@	30.00	2,400.00
1,350 SFT Curb Ramp, Conc, 6 inch	@	8.00	10,800.00
50 FT Detectable Warning Surface	@	50.00	2,500.00
2,250 FT Underdrain, 6 inch	@	10.00	22,500.00
6 EA Underdrain Connection to Catch Basin	@	450.00	2,700.00
13 EA Drainage Structure Cover, Adj, Case 1, Modified	@	800.00	10,400.00
7 EA Dr Structure Cover, Type K	@	950.00	6,650.00
500 FT Curb and Gutter, Rem	@	8.00	4,000.00
420 FT Curb and Gutter, Conc, Det C4	@	30.00	12,600.00
65 FT Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	@	15.00	975.00
260 FT Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	@	7.50	1,950.00
1 L.S. Misc Signage	@	3,000.00	3,000.00
12 STA Restoration	@	400.00	4,800.00
SUBTOTAL ESTIMATED CONSTRUCTION COST			\$ 353,275.00
Construction Contingency		15%	53,725.00
TOTAL ESTIMATED CONSTRUCTION COST			\$ 407,000.00
Design Engineering (Not Eligible)		9%	37,000.00
Construction Engineering		12%	49,000.00
TOTAL ESTIMATED PROJECT COST			\$493,000.00

PRELIMINARY ESTIMATE

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CLIENT: **City of Buchanan**
DATE: **April 9, 2025**

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5	EA	Connect to Existing Main	@	5,000.00	25,000.00
3	EA	Gate, Valve, and Box, 12 inch	@	7,000.00	21,000.00
3	EA	Gate, Valve, and Box, 8 inch	@	6,000.00	18,000.00
2	EA	Hydrant, Valve and Box, 6 Inch	@	8,000.00	16,000.00
0	EA	Private Water Service Replacement, 1 inch	@	6,000.00	-
22	EA	Reconnect Water Service ,1 inch	@	5,500.00	121,000.00
490	FT	Water Main, DI, 12 Inch, Tr Det G, Modified	@	135.00	66,150.00
775	FT	Water Main, DI, 8 Inch, Tr Det G, Modified	@	125.00	96,875.00
880	FT	Water Service Pipe, 1 inch	@	55.00	48,400.00

SUBTOTAL ESTIMATED CONSTRUCTION COST		\$	412,425.00
<i>Construction Contingency</i>	15%		61,875.00
<i>Design Engineering</i>	9%		37,200.00
<i>Construction Engineering</i>	12%		49,500.00
TOTAL ESTIMATED PROJECT COST		\$	561,000.00