

Van Buren County *RURAL TASK FORCE*

Meeting Agenda

April 27, 2021 10:00 AM

Hartford Public Library, 12 Church St, Hartford, MI 49057

1. Call to Order and Introductions
2. Changes or Additions to the Agenda
3. Approval of Minutes from the December 8, 2021 Van Buren RTF Meeting
4. Review of 2023 Projects
5. Discussion on Unprogrammed FY 2024 Van Buren RTF funds
6. Public Comment or Privilege of the Floor
7. Adjournment

Van Buren County Rural Task Force Voting Committee

County Road Agency: Barry Anttila, Van Buren County Road Commission

City/Village Representative: Steve Rogusta, Village of Breedsville

Transit: Laurie Schlipp, Van Buren Public Transit

Van Buren County *RURAL TASK FORCE*

December 8, 2021 1:00 PM

Hartford Public Library, 12 Church St, Hartford, MI 49057

Meeting Minutes

Attendance in Person	Name	Representing
Voting Members	Barry Anttila	Van Buren County Road Commission
	Laurie Schlipp	Van Buren County Public Transit
	Steve Rogusta	Village of Breedsville
Staff	Kim Gallagher	Southwest Michigan Planning Commission
	Brandon Kovnat	Southwest Michigan Planning Commission
Others attending in Person	Thomas Baker	Village of Bloomingdale
	Joel Hoort	Van Buren County Road Commission
	Whitney Pizzala	AR Engineering on behalf of the Village of Lawrence
	Jeff Wingard	Fleis & Vandenbrink on behalf of Village of Bloomingdale
	Mickey Bittner	Wightman & Associates
	Rich Veerland	City of Gobles
	Tony McGhee	Abonmarche
Attendance Virtual	Name	Representing
Others attending virtually	Tommy Simpson	City of Bangor
	Linda Norton	Village of Breedsville
	Aaron Neetling	Wightman & Associates
	Josh Grab	MDOT, RTF Program Manager
	Jim Sturdevant	MDOT Statewide Planning

1. Call to Order and Introductions

Barry Anttila called the meeting was called to order at 1 PM

2. Changes or Additions to the Agenda

None

3. Election of a City/Village Representative for the Rural Task Force Committee

Gallagher said that the previous village representative, Matt Newton from the Village of Decatur, had accepted a new position in Cass County. This leaves an opening on the Van Buren County RTF Committee. Linda Norton nominated Steve Rogusta from the Village of Breedsville.

Motion to elect Steve Rogusta to be the City/Village representative for the Van Buren County Rural Task Force and the Region Four Rural Task Force. Made by Lina Norton and seconded by Tommy Simpson. **Motion approved.**

4. Approval of Minutes from the January 22, 2020 Van Buren RTF Meeting

Motion to approve the minutes from the January 22, 2020 Van Buren RTF meeting. Made by Laurie Schlipp and seconded by Barry Anttila. **Motion approved.**

5. Review of 2022 Projects

The status of the three Van Buren County RTF projects was shown in the meeting PowerPoint. The agencies all said that they did not have any additional details to add.

6. Selection of Projects for 2024-2026

Kovnat presented the local match required if each agency received their top project. Anttila said that while the Red Arrow project was needed, he didn't feel that it was fair for this to be the only funding the road commission received between 2024-2026. There was also concern raised about the high cost for the City of Gobles East Van Buren Street project.

Several attendees mentioned the poor condition of CR 388 and asked that the Van Buren Road CR 388 project be chosen. There was a discussion on how CR 388 is being used more frequently as a shortcut to South Haven from the Kalamazoo area, going through Gobles and Bloomingdale. Anttila said he would agree to having CR 388 approved if the Road commission could also get their top choice, Red Arrow from 59.5 St. to CR 681.

The City of Gobles said that they could reduce the limits of their project and accept partial funding. All applicants agreed to contribute a 20% local match, even if they received State D funds. With this agreement to the total amount of federal and State D funds programmed would equal the total amount available.

There was then a discussion about moving projects between years to balance the funding in each year. Veerland, Simpson, and Pizzala all agreed that they needed to repair their roads as soon as possible. They agree to have all three projects programmed for FY2024, with an equal advance contract of \$81,120 each which would be paid back (ACC) in 2025.

A fiscally constrained 2024-2026 project list was presented that included the top ranked project from each city and village along with the two Road Commission projects.

There was a discussion about an illustrative list in the event a project was canceled or additional funding becomes available before the next call for Projects. There was agreement to add all of the unchosen Van Buren County Road Commission projects to an illustrative list. Gobles asked to add in the remaining portions of Van Buren Street.

The following list of projects was presented:

FY 2024

Agency	Project	Limits	Federal STP	State D	Local
Allocation			\$879,000	\$16,946	
City of Bangor	Center Street	E. Monroe St. to North city Limit	\$155,159	\$16,946	\$63,306
City of Gobles	East Van Buren Street	State St. (M-40) to 32nd St.	\$501,692	\$54,792	TBD
Village of Lawrence	Paw Paw Street	Front St. to South village Limits	\$222,149	\$24,262	\$81,883
Balance			\$0	\$0	

FY 2025

Agency	Project	Limits	Federal STP	State D	Local
Allocation			\$896,000	\$99,000	
Village of Bloomingdale	North Van Buren Street	Pine St. to north Village Limits	\$497,578	\$22,262	\$129,960
Van Buren Road Commission	Red Arrow Highway	59.5 St to CR 681	\$155,062	\$6,938	\$40,500
City of Bangor	Center Street - ACC	E. Monroe St. to North city Limit	\$81,120	NA	NA
City of Gobles	East Van Buren Street - ACC	State St. (M-40) to 32nd St.	\$81,120	NA	NA
Village of Lawrence	Paw Paw Street - ACC	Front St. to South village Limits	\$81,120	NA	NA
Balance			\$0	\$68,800	

FY 2026

Agency	Project	Limits	Federal STP	State D	Local
Allocation			\$896,000	\$167,800 (incl. carryover)	
Village of Breedsville	West Main Street	West Village limits to Pine St.	\$400,000	\$0	\$100,000
Village of Decatur	North Phelps Street	Cedar St. to North Village Limits	\$186,874	\$61,126	\$62,000
Van Buren Road Commission	CR 388	Bloomingdale Village limits (41 st St) to CR 380	\$326,126	\$106,674	\$108,200
Balance			\$0	\$0	

Illustrative list

Agecny	Project	Limits	Total Estiamted Cost
Van Buren CRC	Red Arrow Highway	CR 681 to Lawrence Village limits	\$1,689,000
Van Buren CRC	CR 681	M-51 to CR 352	\$1,080,000
Van Buren CRC	CR 687	CR 372 to CR 376	\$1,478,000
Van Buren CRC	CR 388	Bloomingtondale Village limits (41 st St) to CR 380	\$541,000
Van Buren CRC	Red Arrow Highway	26 th St to CR 652s (24 th St)	\$340,200
Van Buren CRC	CR 652	72 nd Ave to Robinson Rd (60 th Ave)	\$659,000
Van Buren CRC	CR 652	CR 354 to 72 nd Ave	\$460,000
City of Gobles	East Van Buren Street	TBD	TBD

The City of Gobles agreed to present updated limits and local match amounts before the Region 4 RTF meeting.

Motion to approve the projects for 2024-2026 as presented. Made by Steve Rogusta and seconded by Laurie Schlipp. **Motion approved.**

7. Public Comment or Privilege of the Floor

None.

8. Adjournment

The meeting adjourned at 2:28 PM.

Minutes compiled by Brandon Kovnat, SWMPC associate planner

VAN BREN COUNTY RURAL TASK FORCE PROJECTS AND FUNDING 2023-2024

Fiscal Year	Job #	Responsible Agency	Road / Project name	Limits	STBG	State D	Local or CTF	AC Amount	ACC year	Total
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2023	Carryover from 2022					\$50,019				
2023	Estimated Target 2023				\$1,140,419	\$122,068				
2023	Total Estimated Available				\$1,140,419	\$172,087				
2023	206742	Van Buren CRC	County Road 388	County Road 653 (29th St.) to 26th St.	\$1,140,419	\$126,820	\$522,761			\$1,790,000
2023	End of FY 2023 Balance				\$0	\$45,267				

2024	Carryover from 2023					\$45,267				
2024	Estimated Target 2024				\$1,048,000	\$96,000				
2024	Total Estimated Available				\$1,048,000	\$141,267				
2024	216344	Bangor	N Center St.	Monroe Street to North city limits	\$155,159	\$16,946	\$63,306	\$81,120	2025	\$316,531
2024	216331	Gobles	E Van Buren St.	Petty St. to 32nd St.	\$501,692	\$54,792	\$362,396	\$81,120	2025	\$1,000,000
2024	216342	Lawrence	S Paw Paw St.	Front Street to the south village limits	\$222,149	\$24,262	\$81,883	\$81,120	2025	\$409,414
2024	End of FY 2024 Balance				\$169,000	\$45,267				

VAN BUREN COUNTY RURAL TASK FORCE PROJECTS AND FUNDING 2025-2026

Fiscal Year	Job #	Responsible Agency	Road / Project name	Limits	STBG	State D	Local or CTF	AC Amount	AC year	Total
2025	Carryover from 2024					\$45,267				
2025	Estimated Target 2025				\$1,069,000	\$98,000				
2025	Total Estimated Available				\$1,069,000	\$143,267				
2025	216338	Bloomingtondale	N. Van Buren St.	Pine St. to North Village Limits	\$497,578	\$22,262	\$129,960			\$649,800
2025	216509	Van Buren CRC	Red Arrow Hwy	59.5 st. to CR 681	\$155,062	\$6,938	\$40,500			\$202,500
2025	216344	Bangor	N Center St	Monroe Street to North city limits	\$81,120			\$81,120	2024	\$81,120
2025	216342	Lawrence	S Paw Paw St	Front Street to the south village limits	\$81,120			\$81,120	2024	\$81,120
2025	216331	Gobles	E Van Buren St	Petty St. to 32nd St.	\$81,120			\$81,120	2024	\$81,120
2025	End of FY 2025 Balance				\$173,000	\$114,067				
2026	Carryover from 2025					\$114,067				
2026	Estimated Target 2026				\$1,090,000	\$99,000				
2026	Total Estimated Available				\$1,090,000	\$213,067				
2026	216336	Breedsville	Main St	West village limits to Pine Street	\$400,000	\$0	\$100,000			\$500,000
2026	216346	Decatur	N Phelps St	Cedar St. to north village limits	\$186,874	\$61,126	\$62,000			\$310,000
2026	216511	Van Buren CRC	County Road 388	Bloomingtondale village limits to CR 380	\$326,126	\$106,674	\$108,200			\$541,000
2026	End of FY 2026 Balance				\$177,000	\$45,267				

RURAL TASK FORCE DATA SHEET ROAD JOB

(To be completed by each county or city for every job submitted to the Task Force)

ALL ITEMS MUST BE COMPLETED

JOB REQUEST		CHANGE TYPE
NEW JOB <input checked="" type="checkbox"/> OR JOB CHANGE <input type="checkbox"/>	JOB NUMBER	<input type="checkbox"/> FY <input type="checkbox"/> COST <input type="checkbox"/> SCOPE <input type="checkbox"/> DELETE <input type="checkbox"/> MOVE TO ILLUSTRATIVE
FISCAL YEAR 2024	COUNTY Van Buren	CITY / VILLAGE (If applicable) City of Bangor

ROAD JOB DESCRIPTION

ROAD NAME FROM NFC MAP (http://mcgi.state.mi.us/nfc) Center Street	NFC FUNCTIONAL CLASSIFICATION 5 MAJOR Collector	LENGTH (Miles) 0.76
FROM North City Limits	TO E. Monroe Street	

PHYSICAL REFERENCE (PR) NUMBER: 587205 BEGINNING MILE: 15.473 ENDING MILE: 15.992 OR MAP ATTACHED: ☐

CONTRACT PROCESS: MDOT Let CONTRACT TYPE: Design-Bid-Build

ALL SEASON ROAD STATUS

☐ PROPOSED ALL SEASON ☒ ALL SEASON NETWORK ☐ N/A (NO STATE "D" FUNDING ON JOB) <https://mdot.maps.arcgis.com/apps/webappviewer/index.html?id=ac067829f74e49eba28b33605ccd87c0>


ANTICIPATED LETTING DATE (Month/Year)
March 2024

ELEMENTS NEEDING COMMITTEE APPROVAL
☐ GRAVEL ROAD ☐ SIDEWALK ☒ N/A

MAJOR WORK TYPE: Milling and Two Course Asphalt Resurfacing (GPA)

JOB BUDGET CONSTRUCTION PHASE ONLY: (Not to include ROW, feasibility studies, design, or testing.)		ADDITIONAL JOB INFORMATION
1) STP	\$ 155,159.00	Reconstruct road with milling and filling 2024: \$155,159 2025: \$81,120 total: 236,279
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$ 63,306.00	
4) ACC FY 2025	\$ 81,120.00	
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$ 299,585.00	
6) TEDF "D" AMOUNT:	\$ 16,946.00	
7) OTHER PARTICIPATING AMOUNT: (CMAQ, BRIDGE, EARMARKS)	\$	
8) NON-LAP PARTICIPATING		
a) CE	\$ 47,480.00	
b) PE	\$ 31,653.00	
c) Other	\$	
9) NON-PARTICIPATING AMOUNT: GRANTS, LOCAL UTILITIES, ETC.	\$	
TOTAL JOB COST: \$ 316,531.00		
JOB COST INCLUDING NON-LAP: \$ 395,664.00		

☒ By checking this box, the person completing this form certifies that the job identified in this document is eligible to be funded with federal Surface Transportation Program (STP) or state Transportation Economic Development Fund Category D funds.

SUBMITTED BY (Please print) Thomas Simpson	TITLE City Manager	DATE 3/14/22
SIGNATURE 		PHONE NUMBER (269) 277-9214

RURAL TASK FORCE DATA SHEET ROAD JOB

(To be completed by each county or city for every job submitted to the Task Force)

ALL ITEMS MUST BE COMPLETED

JOB REQUEST

NEW JOB OR JOB CHANGE		JOB NUMBER	CHANGE TYPE FY COST SCOPE DELETE MOVE TO ILLUSTRATIVE
FISCAL YEAR	COUNTY	CITY / VILLAGE (If applicable)	

ROAD JOB DESCRIPTION

ROAD NAME FROM NFC MAP (http://mcgi.state.mi.us/fc)	NFC FUNCTIONAL CLASSIFICATION	LENGTH (Miles)
FROM	TO	
PHYSICAL REFERENCE (PR) NUMBER:	BEGINNING MILE:	ENDING MILE: OR MAP ATTACHED:
CONTRACT PROCESS:		CONTRACT TYPE:
ALL SEASON ROAD STATUS		
PROPOSED ALL SEASON	ALL SEASON NETWORK	N/A (NO STATE "D" FUNDING ON JOB) https://mdot.maps.arcgis.com/apps/webappviewer/index.html?id=ac067829f74e49eba28b33605ccd87c0
ANTICIPATED LETTING DATE (Month/Year)	ELEMENTS NEEDING COMMITTEE APPROVAL GRAVEL ROAD SIDEWALK N/A	
MAJOR WORK TYPE:		

JOB BUDGET CONSTRUCTION PHASE ONLY: (Not to include ROW, feasibility studies, design, or testing.)

ADDITIONAL JOB INFORMATION

1) STP	\$	
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$	
4) ACC FY 2025	\$	
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$	
6) TEDF "D" AMOUNT:	\$	
7) OTHER PARTICIPATING AMOUNT: (CMAQ, BRIDGE, EARMARKS)	\$	
8) NON-LAP PARTICIPATING		
a) CE	\$	
b) PE	\$	
c) Other	\$	
9) NON-PARTICIPATING AMOUNT: GRANTS, LOCAL UTILITIES, ETC.	\$	
TOTAL JOB COST:		\$
JOB COST INCLUDING NON-LAP:		\$

By checking this box, the person completing this form certifies that the job identified in this document is eligible to be funded with federal Surface Transportation Program (STP) or state Transportation Economic Development Fund Category D funds.

SUBMITTED BY (Please print)	TITLE	DATE
SIGNATURE		PHONE NUMBER

RURAL TASK FORCE DATA SHEET ROAD JOB

(To be completed by each county or city for every job submitted to the Task Force)

ALL ITEMS MUST BE COMPLETED

JOB REQUEST

NEW JOB <input checked="" type="checkbox"/> OR JOB CHANGE <input type="checkbox"/>	JOB NUMBER	CHANGE TYPE <input type="checkbox"/> FY <input type="checkbox"/> COST <input type="checkbox"/> SCOPE <input type="checkbox"/> DELETE <input type="checkbox"/> MOVE TO ILLUSTRATIVE
FISCAL YEAR 2024	COUNTY Van Buren	CITY / VILLAGE (If applicable) Village of Lawrence

ROAD JOB DESCRIPTION

ROAD NAME FROM NFC MAP (http://mcgl.state.mi.us/nfc) Paw Paw Street	NFC FUNCTIONAL CLASSIFICATION 5 MAJOR Collector	LENGTH (Miles) 1.1
FROM Front Street	TO South Village Limits	
PHYSICAL REFERENCE (PR) NUMBER: 580905 BEGINNING MILE: 1.720 ENDING MILE: 2.488 OR MAP ATTACHED: <input type="checkbox"/>		

CONTRACT PROCESS: MDOT Let

CONTRACT TYPE: Design-Bid-Build

ALL SEASON ROAD STATUS

☐ PROPOSED ALL SEASON ☒ ALL SEASON NETWORK ☐ N/A (NO STATE "D" FUNDING ON JOB)

<https://mdot.maps.arcgis.com/apps/webappviewer/index.html?id=ac067829f74e49eba28b33605ccd87c0>

ANTICIPATED LETTING DATE (Month/Year)

December 2023

ELEMENTS NEEDING COMMITTEE APPROVAL

☐ GRAVEL ROAD ☐ SIDEWALK ☒ N/A

MAJOR WORK TYPE: Milling & One Course Asphalt Overlay (GPA)

JOB BUDGET CONSTRUCTION PHASE ONLY: (Not to include ROW, feasibility studies, design, or testing.)

ADDITIONAL JOB INFORMATION

1) STP	\$	222,149.00
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$	81,883.00
4) ACC FY 2025	\$	81,120.00
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$	385,152.00
6) TEDF "D" AMOUNT:	\$	24,262.00
7) OTHER PARTICIPATING AMOUNT: (CMAQ, BRIDGE, EARMARKS)	\$	
8) NON-LAP PARTICIPATING		
a) CE	\$	61,412.00
b) PE	\$	40,941.00
c) Other	\$	
9) NON-PARTICIPATING AMOUNT: GRANTS, LOCAL UTILITIES, ETC.	\$	
TOTAL JOB COST:	\$	409,414.00
JOB COST INCLUDING NON-LAP:	\$	511,767.00

Mill and overlay of existing HMA roadway, shoulder restoration, concrete curb repairs, sidewalk replacement at ADA crossings, and minor drainage improvements
Total federal: \$303,269

☒ By checking this box, the person completing this form certifies that the job identified in this document is eligible to be funded with federal Surface Transportation Program (STP) or state Transportation Economic Development Fund Category D funds.

SUBMITTED BY (Please print) Theresa Stroud	TITLE Village Manager	DATE 3-11-2022
SIGNATURE Theresa Stroud		PHONE NUMBER 269-605-0491

Engineer's Opinion of Probable Project Cost

Project: **N. Center Street Reconstruction**
Project No: **P23-0006**
Description: **Road Reconstruction**
Stage: **Scoping**
Date: **3/15/2023**
Prepared By: **MGR**
Notes: 4-inch depth HMA surface removal and paving on N. Center Street from E. Monroe to North City limits (approximately 4,000-feet). Includes resurfacing of intersection approaches, construction of MDOT approved shoulders, replacement of street signage, erosion controls, restriping, and resetting of existing utility covers and gate valve boxes, and maintenance of traffic.

N. Center Street from E Monroe Street to North City Limits (Approx. 4,000-feet)					
Line	Item	Quantity	Unit	Unit Cost	Item Cost
1	Railroad Flagman Allowance	3.00	Wday	\$ 5,500.00	\$ 16,500.00
2	Mobilization, Max 10%	1.00	LSUM	\$ 50,000.00	\$ 50,000.00
3	Erosion Control, Silt Fence	2200.00	Ft	\$ 2.50	\$ 5,500.00
4	Erosion Control, Inlet Protection, Fabric Drop	4.00	Ea	\$ 165.00	\$ 660.00
5	Dr Structure Cover, Adj, Case 1	13.00	Ea	\$ 675.00	\$ 8,775.00
6	Dr Structure Cover, Type B	4.00	Ea	\$ 800.00	\$ 3,200.00
7	Dr Structure Cover, Type Q	9.00	Ea	\$ 800.00	\$ 7,200.00
8	HMA Surface, Rem	14350.00	Syd	\$ 4.00	\$ 57,400.00
9	Aggregate Base, Conditioning	40.0	Sta	\$ 900.00	\$ 36,000.00
10	HMA, 4EML (2.0")	1580	Ton	\$ 85.00	\$ 134,300.00
11	HMA, 5EML (2.0")	1580	Ton	\$ 87.50	\$ 138,250.00
12	HMA, Approach	200	Ton	\$ 87.50	\$ 17,500.00
13	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	2.00	Ea	\$ 350.00	\$ 700.00
14	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	1.00	Ea	\$ 175.00	\$ 175.00
15	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	1.00	Ea	\$ 225.00	\$ 225.00
16	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	48.00	Ft	\$ 10.00	\$ 480.00
17	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	23.00	Ft	\$ 10.00	\$ 230.00
18	Pavt Mrkg, Waterborne, 4 inch, White	8000.00	Ft	\$ 0.65	\$ 5,200.00
19	Pavt Mrkg, Waterborne, 4 inch, Yellow	8000.00	Ft	\$ 0.65	\$ 5,200.00
20	Slope Restoration, Non-Freeway, Type B	250.00	Syd	\$ 7.50	\$ 1,875.00
21	Barricade, Type III High Intensity, Double Sided, Lighted, Furn	25.00	Ea	\$ 150.00	\$ 3,750.00
22	Barricade, Type III High Intensity, Double Sided, Lighted, Oper	25.00	Ea	\$ 50.00	\$ 1,250.00
23	Post, Steel, 3 pound	350.00	Ft	\$ 8.25	\$ 2,887.50
24	Sign, Type IIIA/B	175.00	Sft	\$ 22.00	\$ 3,850.00
25	Minor Traf Devices	1	LSUM	\$ 25,500.00	\$ 25,500.00
26	Traf Regulator Control	1	LSUM	\$ 15,000.00	\$ 15,000.00
27	Plastic Drum, Fluorescent, Furn	100.00	Ea	\$ 25.00	\$ 2,500.00
28	Plastic Drum, Fluorescent, Oper	100.00	Ea	\$ 5.00	\$ 500.00
29	Gate Box, Adj, Case 1	7.00	Ea	\$ 500.00	\$ 3,500.00
Construction Subtotal: N. Center Street from E Monroe Street to North City Limits (Approx. 4,000-feet)					\$ 548,200.00
Contingency				10%	\$ 54,900.00
Total Construction Cost					\$ 603,100.00
Professional Services					\$ 90,000.00
Total Project Cost					\$ 693,100.00

Assumptions	<p>1) Project is estimated at 4,000-Ft Long and 9 street intersections.</p> <p>2) Assumes existing asphalt section is 4-inches thick, existing road section has minimum 8-inches of aggregate base, and curb and gutter to remain in place.</p> <p>3) Assumes no railroad ROW improvements, and paving over existing bridge is acceptable</p> <p>4) Excludes driveway, sidewalk/pedestrian and guardrail improvements</p>
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Engineer's opinions of probable Construction Cost provided for herein are to made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional generally familiar with the industry. However, since the Engineer has no control over the cost of labor, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. Owner/Contractor to verify all required quantities and other estimate items, permits, fees, etc. not included above that may be



5725 Venture Park Drive
Kalamazoo, MI 49009
Phone: 269.250.5991
Fax: 866.569.0604

www.Arengineeringllc.com

Engineer's Estimate

Project:	Paw Paw St	Project No:	22064006
Owner:	Village of Lawrence		
Location:	157 N. Paw Paw Street, Lawrence, MI 49064	4/13/2023	

#	Pay Item	Qty	Units	Engineer's Estimate	
				Cost	Total Cost
1	Mobilization, Max. \$34,000	1	LS	\$ 34,000.00	\$ 34,000.00
2	Erosion Control, Inlet Protection, Fabric Drop	19	Ea	\$ 120.00	\$ 2,280.00
4	Erosion Control, Silt Fence	20	FT	\$ 2.75	\$ 55.00
5	Mulch Blanket, High Velocity	100	SYD	\$ 2.00	\$ 200.00
6	Sign, Type B, Temp, Prismatic Furn	500	SFT	\$ 5.50	\$ 2,750.00
7	Sign, Type B, Temp, Prismatic Oper	500	SFT	\$ 1.50	\$ 750.00
8	Traf Regulator Control	1	LS	\$ 10,000.00	\$ 10,000.00
9	Lighted Arrow, Type B, Furn	2	EA	\$ 400.00	\$ 800.00
10	Lighted Arrow, Type B, Oper	2	EA	\$ 75.00	\$ 150.00
11	Channelizing Device, 42 Inch, Fluorescent, Furn	210	EA	\$ 15.00	\$ 3,150.00
12	Channelizing Device, 42 Inch, Fluorescent, Oper	210	EA	\$ 1.50	\$ 315.00
13	Minor Traf Devices	1	LS	\$ 10,000.00	\$ 10,000.00
14	Pedestrian Type II Barricade, Temp	10	EA	\$ 75.00	\$ 750.00
15	Dr Structure, Rem	2	EA	\$ 450.00	\$ 900.00
16	HMA Surface, Rem	179	SYD	\$ 7.25	\$ 1,297.75
17	Sidewalk, Rem	82	SYD	\$ 15.50	\$ 1,271.00
18	Dr Structure Cover, Adj, Case 1	19	EA	\$ 600.00	\$ 11,400.00
19	Dr Structure, Temp Lowering	17	EA	\$ 440.00	\$ 7,480.00
20	Gate Box, Adj, Temp, Case 1	12	EA	\$ 370.00	\$ 4,440.00
21	Gate Box, Adj, Case 1	13	EA	\$ 400.00	\$ 5,200.00
22	Cold Milling HMA Surface	19085	SYD	\$ 3.00	\$ 57,255.00
23	Post, Mailbox	4	EA	\$ 100.00	\$ 400.00
24	Sign, Type III, Erect, Salv	4	EA	\$ 50.00	\$ 200.00
25	Trenching	1.5	STA	\$ 300.00	\$ 450.00
26	Subbase, CIP	108	CYD	\$ 20.00	\$ 2,160.00
27	Aggregate Base, 8 inch	325	SYD	\$ 15.00	\$ 4,875.00
28	HMA, LVSP	2362	TON	\$ 105.00	\$ 248,057.53
29	HMA, Approach	20	TON	\$ 130.00	\$ 2,600.00
30	Hand Patching	45	TON	\$ 125.00	\$ 5,625.00
31	Shoulder, CL II, 3 inch	730	SYD	\$ 6.00	\$ 4,380.00
32	Curb and Gutter, Conc, Det F4	318	FT	\$ 30.00	\$ 9,540.00
33	Curb and Gutter, Conc, Det B2	98	FT	\$ 30.00	\$ 2,940.00
34	Pavt Mrkg, Ovly Cold Plastic, 6 Inch, Crosswalk	420	FT	\$ 2.50	\$ 1,050.00
35	Pavt Mrkg, Ovly Cold Plastic, 18 Inch, Stop Bar	144	FT	\$ 7.00	\$ 1,008.00
36	Pavt Mrkg, Waterborne, 4 inch, White	4738	FT	\$ 0.20	\$ 947.60
37	Pavt Mrkg, Waterborne, 4 inch, Yellow	8025	FT	\$ 0.20	\$ 1,605.00
38	Pavt Mrkg, Waterborne, For Rest Areas, Parks, & Lots, 4 inch, White	548	FT	\$ 1.25	\$ 685.00
39	Pavt Mrkg, Waterborne, For Rest Areas, Parks, & Lots, 4 inch, Yellow	548	FT	\$ 1.25	\$ 685.00
40	Sidewalk, Conc, 4 Inch	651	SFT	\$ 5.50	\$ 3,580.50
41	Detectable Warning Surface	50	FT	\$ 50.00	\$ 2,500.00
42	Sidewalk Ramp, Conc, 6 Inch	398	SFT	\$ 9.00	\$ 3,582.00
43	Slope Restoration, Type A, Modified	1252	SYD	\$ 10.00	\$ 12,520.00
44	Culv, Cl A, Conc, 12 inch	10	FT	\$ 70.00	\$ 700.00
45	Culv, Cl F, 15 inch	126	FT	\$ 70.00	\$ 8,820.00
46	Dr Structure, 24" Dia.	2	EA	\$ 1,800.00	\$ 3,600.00
47	Dr Structure, 48" Dia. Leaching	2	EA	\$ 5,500.00	\$ 11,000.00
48	Dr Structure Cover, Type B	2	EA	\$ 650.00	\$ 1,300.00
49	Dr Structure Cover, Type J	2	EA	\$ 950.00	\$ 1,900.00
50	Monument, Preversation	1	EA	\$ 1,000.00	\$ 1,000.00
51	Culv, Rem, Less than 24 inch	2	EA	\$ 450.00	\$ 900.00
52	Ditching	370	FT	\$ 6.00	\$ 2,220.00
53	Pavt, Rem, Modified	105	SYD	\$ 30.00	\$ 3,150.00
Total: Base Bid				\$	498,424.38