

**REQUEST FOR PROPOSAL  
2023 FEDERAL AID DOUBLE CHIP AND FOG SEAL DESIGN  
TUSCOLA COUNTY  
BOARD OF COUNTY ROAD COMMISSIONERS  
1733 S. MERTZ RD.  
CARO, MI 48723**

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**SIGN & PRINT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**PHONE & FAX:** \_\_\_\_\_

**EMAIL:** \_\_\_\_\_

**Federal Aid Double Chip and Fog Seal Design:  
Completed Proposal and Plans to MDOT for June 2, 2023 Bid Letting**

- 1. Cemetery Road – Deckerville Road to Huron County Line (9.81 miles)**  
Novesta Township, Sections 3, 4, 9, 10, 15, 16, 21, 22, 27, 28  
Elkland Township, Sections 3, 4, 9, 10, 15, 16, 21, 22, 27, 28  
Application Estimate: \$747,400
- 2. Hurds Corner Road – Bevens Road to Deckerville Road (3.96 miles)**  
Ellington Township, Sections 33, 34  
Wells Township, Sections 3, 4, 9, 10, 15, 16  
Application Estimate: \$312,800

**Cost for Design Package:        \$\_\_\_\_\_**

***Qualification statements/quote proposals shall be received no later than 9:15 AM Thursday September 15, 2022, to Brent Dankert P.E., Acting County Highway Engineer. Late proposals will not be considered. See notice to bidder. Proposals must be delivered in a plainly marked and seal envelope. No electronic bids will be accepted.***

## **REQUEST FOR PROPOSAL 2023 FEDERAL AID DOUBLE CHIP AND FOG SEAL DESIGN**

### **Proposal Intent**

The Tuscola County Road Commission seeks to hire a qualified, professional engineering team to provide survey & design services, any necessary environmental permitting, and preparation of plans, specifications, and preliminary estimates of cost for the Double Chip and Fog Seal design for Cemetery Road from Deckerville Road to the Huron County line, with the City of Cass City gapped out (9.81 miles of double chip and fog seal) and Hurds Corners Road from Bevens Road to Deckerville Road (3.96 miles of double chip and fog seal). The TCRC expects consultants proposing on this project to have the qualifications, experience, personnel, and overall understanding of the work. The consultant shall have the following MDOT Prequalification - Design Roadway.

### **Background**

The Tuscola County Road Commission has the following projects on the 2023 Rural Task Force 7A Federal and State Program:

- Cemetery Road from Deckerville Road to the Huron County line Double Chip and Fog Seal project. The Federal STP is listed at \$260,160, Federal HIP \$315,360, State D \$22,400, with a local contribution of \$149,480, for a total project estimate of \$747,400.
- Hurds Corner Road from Bevens Road to Deckerville Road Double Chip and Fog Seal project. The Federal STP is listed at \$250,240 with a local contribution of \$62,560, for a total project estimate of \$312,800.

Included in the project is approximately 13.77 miles of double chip and fog seal, shoulder aggregate, pavement markings and traffic control. It is anticipated this will be a log project.

The intent is to include the project with MDOT's June 2, 2023 bid letting. The design and permitting of the project needs to be completed in accordance with the Local Agency Programs FY 2023 Project Planning Guide and in accordance with all MDOT Local Agency Design Standards and policies.

### **Proposal Submittal**

The Tuscola County Road Commission (TCRC) is soliciting qualification statements and quote proposals to perform design services for the culverts discussed above. The proposal shall contain, at a minimum, the following items:

- Qualifications for all team members Involved.
- An understanding of the requested design services.
- Design fee and breakdown
  - Include an hourly fee schedule with the proposal.
- The proposed design must follow all Federal, State and local design standards and guidelines and include the following:
  - A final plan set with all necessary special provisions associated to the construction of the proposed design

# **REQUEST FOR PROPOSAL 2023 FEDERAL AID DOUBLE CHIP AND FOG SEAL DESIGN**

## **Scoring**

The scoring of the submitted proposal will be based on the following criteria:

30%	Understanding of Services
30%	Qualifications of Team
20%	Design Fee
15%	Past Performance
5%	Location

## **Award and Payment**

Award will be made in the best interest of the Road Commission. Payment will be made by monthly invoicing. Please limit your package to maximum of five (5) pages and submit your company's hourly fee schedule with the proposal. The completed first page of the RFP does not count toward the 5-page maximum. Any questions should be made to Brent Dankert at [highwayengineer@tuscolaroad.org](mailto:highwayengineer@tuscolaroad.org) or 989-751-3873.

## **Attachments**

- Rural Task Force Data Sheets (MDOT 1799)
- Act 51 Certification maps

## **LIABILITY**

The consultant shall always exercise extreme care and shall assume all liability for any damages resulting from their operation. Furthermore, they shall hold the Tuscola County Road Commission harmless from any such claims or damages.

## **NON-COMPLIANCE WITH PROJECT SPECIFICATION PROVISIONS**

Any variation from the specifications of the project herein without written approval from the Tuscola County Road Commission and/or its authorized representative may result in, at the discretion of the Tuscola County Road Commission, the voiding and/or canceling of the acceptance of any contract, resulting from this project.

**The Tuscola County Board of Road Commissioners reserves the right to accept or reject any or all proposals and to re-advertise or to accept the proposal, that in their opinion, is in the best interest of Tuscola County.**

## 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

2023

COUNTY

Tuscola

CITY / VILLAGE (If applicable)

NA

#### ROAD JOB DESCRIPTION

ROAD NAME FROM NFC MAP (<http://mcgi.state.mi.us/nfc>)

Cemetery

NFC FUNCTIONAL CLASSIFICATION

5 MAJOR Collector

LENGTH (Miles)

9.81

FROM

Deckerville

TO

Huron County Line

PHYSICAL REFERENCE (PR) NUMBER: 027015

BEGINNING MILE: 6.95

ENDING MILE: 17.96

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)

January 2023

ELEMENTS NEEDING COMMITTEE APPROVAL

☐ GRAVEL ROAD

☐ SIDEWALK

☒ N/A

MAJOR WORK TYPE: Multiple Course Chip Seal (GPA)

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

#### ADDITIONAL JOB INFORMATION

1) STP	\$	260,160.00
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$	149,480.00
4) ACC FY	\$	
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$	409,640.00
6) TEDF "D" AMOUNT:	\$	22,400.00
7) OTHER PARTICIPATING AMOUNT: (CMAQ, BRIDGE, EARMARKS)	\$	315,360.00
8) NON-LAP PARTICIPATING		
a) CE	\$	
b) PE	\$	
c) Other	\$	
9) NON-PARTICIPATING AMOUNT: GRANTS, LOCAL UTILITIES, ETC.	\$	

9.81 miles of Double Chip and Fog Seal. Item #7 for the Job Budget is a Federal HIP Fund. Project gaps the city of Cass City (1.2 miles).

TOTAL JOB COST: \$ 747,400.00

JOB COST INCLUDING NON-LAP: \$ 747,400.00

☒ 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)

Brent Dankert

TITLE

County Highway Engineer

DATE

02/02/22

SIGNATURE

  
Brent J. Dankert, P.E.

Brent J. Dankert, P.E.

Feb 4 2022 2:23 PM

PHONE NUMBER

(989) 751-3873

## Engineer's Opinion of Costs

<b>Project Number:</b> 2021-008 <b>Estimate Number:</b> 1 <b>Project Type:</b> Miscellaneous <b>Location:</b> Cemetary Rd <b>Description:</b> Huron Line to Deckerville Rd 9.81 miles of Double Chip and Fog Seal	<b>Project Engineer:</b> Brent Dankert <b>Date Created:</b> 11/30/2021 <b>Date Edited:</b> 12/1/2021 <b>Fed/State #:</b> <b>Fed Item:</b> <b>Control Section:</b>
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Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1500001	Mobilization, Max	1.000	LSUM	\$64,426.00	\$64,426.00
0002	3070121	Shoulder, CI II	3,200.000	Ton	\$21.30	\$68,160.00
0003	5057011	_ Seal, Double Chip, Modified	135,000.000	Syd	\$3.50	\$472,500.00
0004	8070095	Post, Mailbox	20.000	Ea	\$100.00	\$2,000.00
0005	8110153	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	104,000.000	Ft	\$0.12	\$12,480.00
0006	8110154	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	51,800.000	Ft	\$0.12	\$6,216.00
0007	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	100.000	Ea	\$16.90	\$1,690.00
0008	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	100.000	Ea	\$1.09	\$109.00
0009	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$474.45	\$948.90
0010	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$65.92	\$131.84
0011	8120170	Minor Traf Devices	1.000	LSUM	\$25,771.00	\$25,771.00
0012	8120281	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	1,200.000	Ea	\$1.44	\$1,728.00
0013	8120350	Sign, Type B, Temp, Prismatic, Furn	288.000	Sft	\$21.85	\$6,292.80
0014	8120351	Sign, Type B, Temp, Prismatic, Oper	288.000	Sft	\$15.66	\$4,510.08
0015	8120370	Traf Regulator Control	1.000	LSUM	\$12,885.00	\$12,885.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0016	8507011	_ Seal, Fog	135,000.000	Syd	\$0.50	\$67,500.00
Estimate Total: \$747,348.62						

SCALE

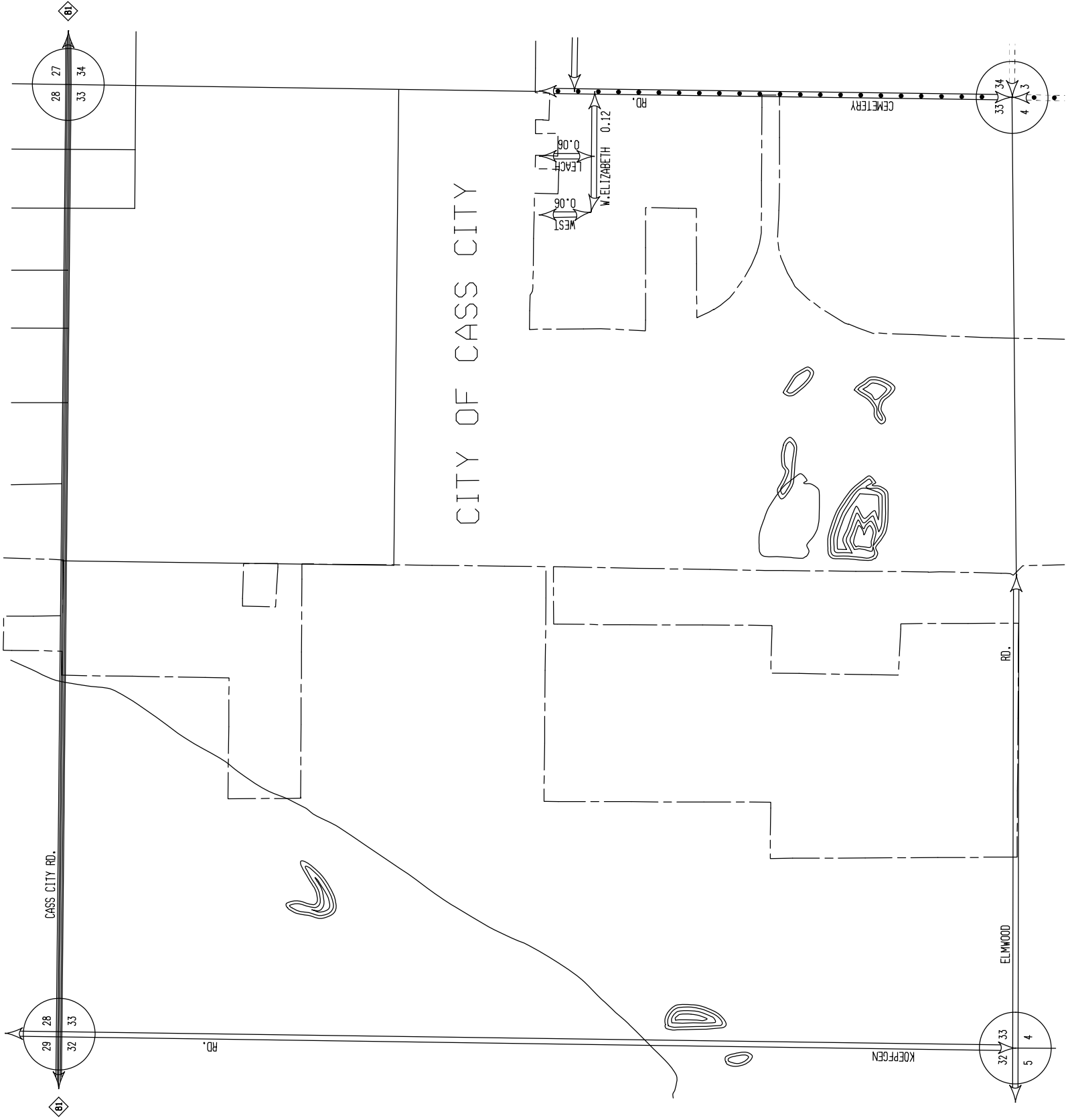


## LEGEND

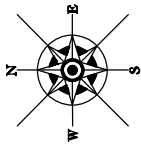
- |                                 |         |
|---------------------------------|---------|
| COUNTY LINE                     | ---     |
| CORPORATE LIMITS                | ---     |
| TOWNSHIP LINE                   | ---     |
| STATE TRUNK LINE                | =====   |
| COUNTY PRIMARY                  | ---●--- |
| COUNTY LOCAL                    | =====   |
| CITY OR VILLAGE<br>MAJOR STREET | =====   |
| ADJOINING COUNTY                |         |
| ADJOINING TOWNSHIP              | -----   |

**KEY TO TWP. SHEET NUMBERS**

9



BLOWUP OF  
**SECTION 33**  
ELKLAND TOWNSHIP  
T14N - R11E  
ROAD SYSTEMS  
ACT 51 PUBLIC ACTS 1961



PREPARED BY  
**MICHIGAN**  
DEPARTMENT OF TRANSPORTATION



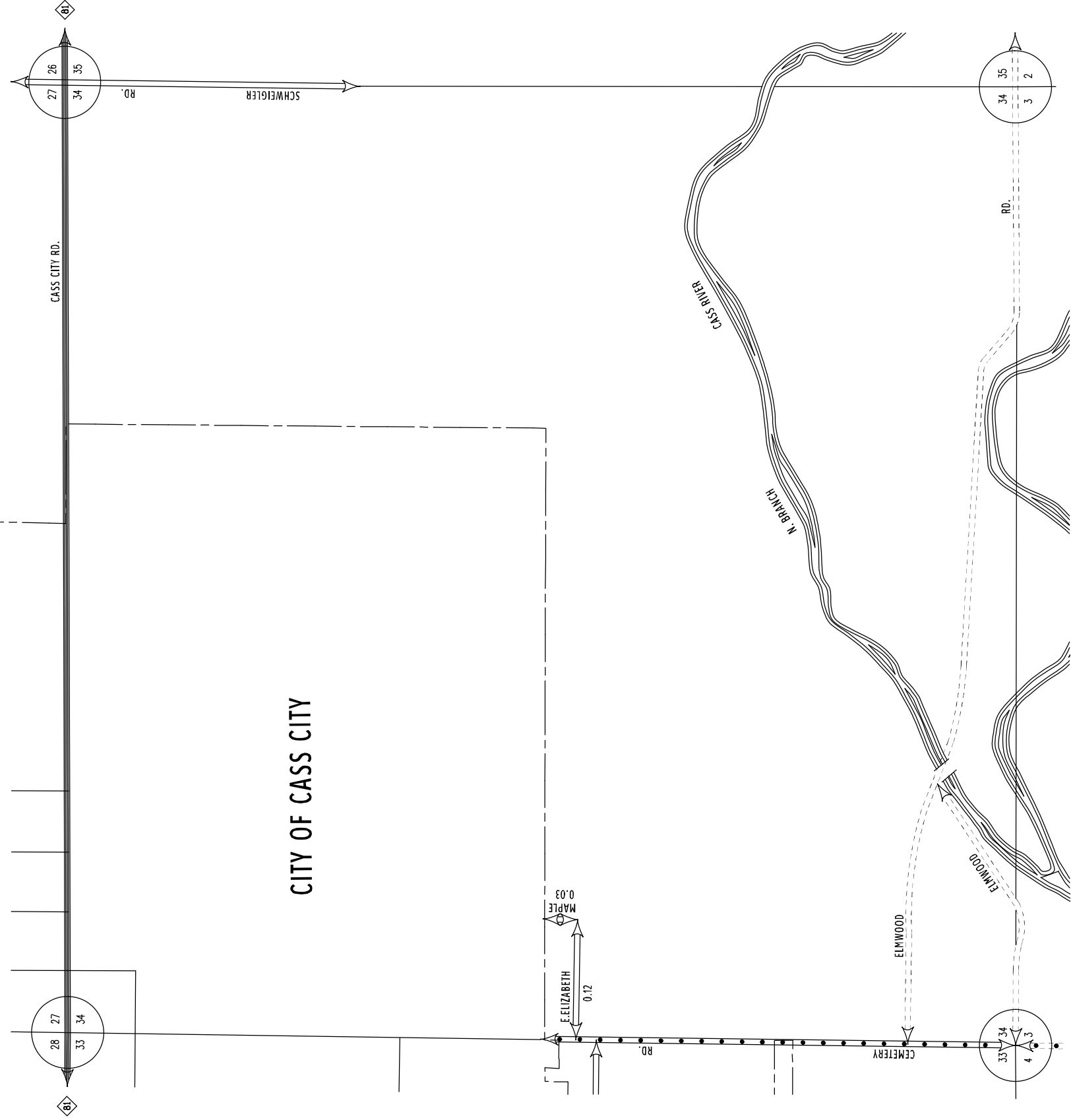
PRIMARY ROAD SYSTEM    00.00    MILES  
LOCAL ROAD SYSTEM    0.24    MILES

LEGEND

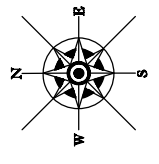
COUNTY LINE	---	6	5	4	3	2	1
CORPORATE LIMITS	---	7	8	9	10	11	12
TOWNSHIP LINE	---	18	17	16	15	14	13
STATE TRUNK LINE	=====	19	20	21	22	23	24
COUNTY PRIMARY	-.-.-.-	30	29	28	27	26	25
COUNTY LOCAL	----	31	32	33	34	35	36
CITY OR VILLAGE	----						
MAJOR STREET	----						
ADJOINING COUNTY	+++++						
ADJOINING TOWNSHIP	- - - - -						

KEY TO TWP-SECTION NUMBERS

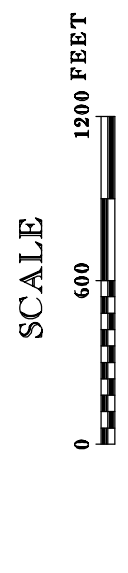




BLOWUP OF  
**SECTION 34**  
ELKLAND TOWNSHIP  
T14N - R11E  
**ROAD SYSTEMS**  
ACT 51 PUBLIC ACTS 1961



PREPARED BY  
**MICHIGAN**  
DEPARTMENT OF TRANSPORTATION



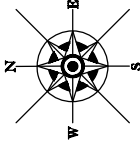
PRIMARY ROAD SYSTEM 00.00 MILES  
LOCAL ROAD SYSTEM 0.15 MILES

**LEGEND**

COUNTY LINE	---	6	5	4	3	2	1
CORPORATE LIMITS	---	7	8	9	10	11	12
TOWNSHIP LINE	---	18	17	16	15	14	13
STATE TRUNK LINE	---	19	20	21	22	23	24
COUNTY PRIMARY	---	30	29	28	27	26	25
COUNTY LOCAL	---	31	32	33	34	35	36
CITY OR VILLAGE MAJOR STREET	---						
ADJOINING COUNTY	+++++						
ADJOINING TOWNSHIP	----						

KEY TO TWP.SECTION NUMBERS

TOWNSHIP OF  
**NOVESTA**  
TUSCOLA COUNTY  
T 13 N - R 1E  
**ROAD SYSTEMS**  
ACT 51 PUBLIC ACTS 1961



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DEPARTMENT OF TRANSPORTATION

SCALE



PRIMARY ROAD SYSTEM    14.02 MILES  
LOCAL ROAD SYSTEM    55.77 MILES

LEGEND

- COUNTY LINE
- CORPORATE LIMITS
- TOWNSHIP LINE
- STATE TRUNK LINE
- COUNTY PRIMARY
- COUNTY LOCAL
- CITY OR VILLAGE MAJOR STREET
- ADJOINING COUNTY
- ADJOINING TOWNSHIP

1	2	3	4	5	6
7	8	9	10	11	
12	13	14	15	16	
17	18	19	20	21	
22	23	24			

KEY TO TWP.SHEET NUMBERS

## 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 2023	COUNTY Tuscola	CITY / VILLAGE (If applicable)

#### ROAD JOB DESCRIPTION

ROAD NAME FROM NFC MAP ( <a href="http://mcgi.state.mi.us/nfc">http://mcgi.state.mi.us/nfc</a> ) Hurds Corner	NFC FUNCTIONAL CLASSIFICATION 5 MAJOR Collector	LENGTH (Miles) 3.96
FROM Bevens	TO Deckerville	

PHYSICAL REFERENCE (PR) NUMBER: 0269804 BEGINNING MILE: 9.03 ENDING MILE: 12.98 OR MAP ATTACHED: ☐

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

#### ALL SEASON ROAD STATUS

<input type="checkbox"/> PROPOSED ALL SEASON	<input checked="" type="checkbox"/> ALL SEASON NETWORK	<input type="checkbox"/> N/A (NO STATE "D" FUNDING ON JOB)	<a href="https://mdot.maps.arcgis.com/apps/webappviewer/index.html?id=ac067829f74e49eba28b33605ccd87c0">https://mdot.maps.arcgis.com/apps/webappviewer/index.html?id=ac067829f74e49eba28b33605ccd87c0</a>
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ANTICIPATED LETTING DATE (Month/Year) January 2023	ELEMENTS NEEDING COMMITTEE APPROVAL <input type="checkbox"/> GRAVEL ROAD <input type="checkbox"/> SIDEWALK <input checked="" type="checkbox"/> N/A
---	---

MAJOR WORK TYPE: Multiple Course Chip Seal (GPA)


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

#### ADDITIONAL JOB INFORMATION

1) STP	\$	250,240.00
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$	62,560.00
4) ACC FY	\$	
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$	312,800.00
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: \$		312,800.00
JOB COST INCLUDING NON-LAP: \$		312,800.00

3.96 miles of double chip and fog seal

☒ 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) Brent Dankert	TITLE County Highway Engineer	DATE 02/02/22
SIGNATURE  Brent J. Dankert, P.E.	Brent J. Dankert, P.E. Feb 4 2022 2:24 PM	PHONE NUMBER (989) 751-3873

## Engineer's Opinion of Costs

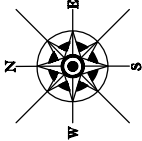
<b>Project Number:</b>	2021-009	<b>Project Engineer:</b>	Brent Dankert
<b>Estimate Number:</b>	1	<b>Date Created:</b>	11/30/2021
<b>Project Type:</b>	Miscellaneous	<b>Date Edited:</b>	12/1/2021
<b>Location:</b>	Hurds Corner Rd	<b>Fed/State #:</b>	
	Bevens Rd to Deckerville Rd	<b>Fed Item:</b>	
<b>Description:</b>	3.96 miles of double chip and fog seal	<b>Control Section:</b>	

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1500001	Mobilization, Max	1.000	LSUM	\$26,959.00	\$26,959.00
0002	3070121	Shoulder, CI II	1,300.000	Ton	\$21.30	\$27,690.00
0003	5057011	_ Seal, Double Chip, Modified	55,000.000	Syd	\$3.50	\$192,500.00
0004	8110153	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	42,000.000	Ft	\$0.12	\$5,040.00
0005	8110154	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	21,000.000	Ft	\$0.12	\$2,520.00
0006	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	100.000	Ea	\$17.00	\$1,700.00
0007	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	100.000	Ea	\$1.00	\$100.00
0008	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$500.00	\$1,000.00
0009	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$66.00	\$132.00
0010	8120170	Minor Traf Devices	1.000	LSUM	\$10,784.00	\$10,784.00
0011	8120281	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	420.000	Ea	\$1.44	\$604.80
0012	8120350	Sign, Type B, Temp, Prismatic, Furn	288.000	Sft	\$21.85	\$6,292.80
0013	8120351	Sign, Type B, Temp, Prismatic, Oper	288.000	Sft	\$15.66	\$4,510.08
0014	8120370	Traf Regulator Control	1.000	LSUM	\$5,392.00	\$5,392.00
0015	8507011	_ Seal, Fog	55,000.000	Syd	\$0.50	\$27,500.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
Estimate Total: \$312,724.68						

\$312,800  
 20% = \$62,650  
 80% = \$250,240

TOWNSHIP OF  
**ELLINGTON**  
TUSCOLA COUNTY  
T 13 N - R 10 E  
**ROAD SYSTEMS**  
ACT 51 PUBLIC ACTS 1961



PREPARED BY  
**MICHIGAN**

DEPARTMENT OF TRANSPORTATION

**SCALE**



PRIMARY ROAD SYSTEM 19.49 MILES  
LOCAL ROAD SYSTEM 48.12 MILES

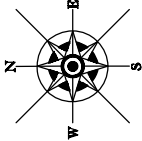
**LEGEND**

- COUNTY LINE
- CORPORATE LIMITS
- TOWNSHIP LINE
- STATE TRUNK LINE
- COUNTY PRIMARY
- COUNTY LOCAL
- CITY OR VILLAGE MAJOR STREET
- ADJOINING COUNTY
- ADJOINING TOWNSHIP

1	2	3	4	5	6
7	8	9	10	11	
12	13	14	15	16	
17	18	19	20	21	
22	23	24			

KEY TO TWP.SHEET NUMBERS

TOWNSHIP OF  
**WELLS**  
TUSCOLA COUNTY  
T 12 N - R 10 E  
**ROAD SYSTEMS**  
ACT 51 PUBLIC ACTS 1961



PREPARED BY  
**MICHIGAN**

DEPARTMENT OF TRANSPORTATION

SCALE



PRIMARY ROAD SYSTEM    16.69    MILES  
LOCAL ROAD SYSTEM    61.17    MILES

LEGEND

- COUNTY LINE
- CORPORATE LIMITS
- TOWNSHIP LINE
- STATE TRUNK LINE
- COUNTY PRIMARY
- COUNTY LOCAL
- CITY OR VILLAGE MAJOR STREET
- ADJOINING COUNTY
- ADJOINING TOWNSHIP

1	2	3	4	5	6
7	8	9	10	11	
12	13	14	15	16	
17	18	19	20	21	
22	23	24			

KEY TO TWP.SHEET NUMBERS

