

REQUEST FOR PROPOSAL
2026 FEDERAL AID LAP DESIGN
BRAY ROAD FROM WILLARD TO ORMES
TUSCOLA COUNTY ROAD COMMISSION – 1733 S. MERTZ ROAD, CARO, MI 48723
PAGE 1 OF 4

Request for Proposal
Bray Road from Willard to Ormes

Consultant: _____

Address: _____

Sign & Print: _____

Date: _____

Phone: _____

Email: _____

Federal Aid LAP Design 2026:

Completed Proposal and Plans to MDOT for April, 2026 Bid Letting

1. Bray Road – Willard Road to Ormes Road

Arbela Township, Sections 4, 5, 8, 9, 16, 17, 20, 21, 28, 29, 32, & 33

Tuscola Township, Sections 32 & 33

Application Estimate: \$1,500,000.00

Cost for Design Package: \$_____

Qualification statements/quote proposals shall be received no later than 8:30 AM Thursday February 13st, 2025, to Brent Dankert P.E., 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.

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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 HMA Overlay and Signage Updates for Bray Road from Willard Road to Ormes Rd (6.94 miles). The Tuscola County Road Commission 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 Bray Road: Willard Road to Ormes Road HMA Resurfacing Project on the 2026 Rural Task Force 7A Federal and State Program. The Federal STP is listed at \$1,126,000 with a local contribution of \$220,000, and a State D contribution of \$154,000, for a total project estimate of \$1,500,000. See the attached 1799 form for more information.

History

- (2016) MDOT JN127419 Fixed object removal Bray Rd: Barnes to Swaffer \$406,826.
- (2015) MDOT JN123794 Bray Rd at Ormes Rd Safety Grant for intersection improvements \$114,674.51
- (2011) MDOT JN39287 HMA Ultra-Thin Bray Rd: Willard to Barnes
 - Included Bray Rd Fed Aid Gabion Walls
 - \$535,000 Fed Aid, \$134,000 TCRC
- Bray Rd - Barnes to Ormes: (1996) CSS w/3" Overlay, (2002) Microsurfacing, (2008) 1.5" Overlay, (2010) Crackseal
- Bray Rd - Willard to Ormes: (1991) New Construction, (2001) 1.5" Overlay, (2006) Crackseal, (2011) Ultra-Thin 0.75"

Basic Information

- Project is approximately 6.94 miles of .5" cold milling with 1.5" HMA overlay, shoulder aggregate, approaches, pavement markings, and permanent signage upgrades.
- The Average Daily traffic count as of 2023 on Bray Rd: Barnes Rd to Ormes Rd is 2,863 according to MDOTs TDMS.
- The Average Daily traffic count on Bray Rd: Willard to Barnes was last updated in 2010 at 3,168.
 - Average Daily Traffic Counts will be obtained by Tuscola CRC in the spring of 2025.
- Bray Road is a primary roadway

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- Current width of Bray Road is approximately 23'
- Current Thickness Willard to Barnes approximately 5.25"
- Current Thickness Barnes to Ormes approximately 4.5"

Unique design criteria for the Tuscola County Road Commission are as follows:

- Special Provision for Sign, Type IIIA, Modified – Unique to how the signs are attached and material.
- Special Provision Approach, Class II, Modified – Unique to the material utilized for limestone driveways shall be limestone.
- The standard cross section shall include 1-ft of topsoil along the edge of the shoulder.
- A 2-mile single lane closure is the maximum distance that should be used, and an advance warning (Road Work Ahead) at all intersections and (Flagger Ahead) at all state trunkline and primary to primary intersections.
- The designer is responsible for ensuring that all guardrail meets the current standards.
- Pavement Markings shall be 4" wide waterborne with only one application.
- Project will be designed as a log project.
- Designed as a MDOT LAP Preventive Maintenance Project
- Project will include 20SP-501J-02 Fine Texture Milling + Micro Milling for Profile Cross Slope Correction

The intent is to include the project with MDOT's April 2026 bid letting. The design and permitting of project need to be completed in accordance with the Local Agency Programs FY 2024 Project Planning Guide and in accordance with all MDOT Local Agency Design Standards and policies. The proposed design must follow all Federal, State, and local design standards and guidelines.

Proposal Submittal:

The Tuscola County Road Commission (TCRC) is soliciting qualification statements and quote proposals to perform design services for the project discussed above. The proposal shall be a maximum of 3 pages and contain, at a minimum, the following items: (Scoring breakdown is in bold below)

- Signed Cover sheet for Request for Proposal (not included in the page limit)
- **30%** Qualifications of key team members
 - Resumes not included in page limit
- **30%** An understanding of the requested design services
- **20%** Design fee and breakdown
 - Include an hourly fee schedule with the proposal (not included in page limit)
- **15%** Past Performance
- **5%** Location
- Signed Agreement form (not included in page limit)

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Award and Payment:

Award will be made in the best interest of the Road Commission. Payment will be made by monthly invoicing. Any questions should be made to Brent Dankert at highwayengineer@tuscolaroad.org or 989-751-3873.

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.

Attachments:

- Title IV and VI Compliance
- Agreement
- Rural Task Force Data Sheet (MDOT 1799 submitted November 2024)
- Crash Report Data (UD-10s to be provided to successful bidder)
- TCRC Standard Cross Section
- Bray Road Certification Maps (2024)
- Example Special Provision - Sign, Type IIIA, Modified
- Example Special Provision - Approach, Class II, Modified
- Historic Plans Bray Road (separate file on website)

TUSCOLA COUNTY ROAD COMMISSION

TITLE IV COMPLIANCE

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations: The contractor shall comply with the Regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation, Title 49, code of Federal Regulations, Part 21 as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
2. Non-discrimination: The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment.
3. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulation, including employment practices when the contractor covers a program set forth in Appendix B of the Regulations.
4. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color, or national origin.
5. Information and Reports: The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Tuscola County Road Commission to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses this information, the contractor shall so certify to the State highway department, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
6. Sanctions for Non-compliance: In the event of the contractor's non-compliance with the non-discrimination provisions of this contract, the Tuscola County Road Commission Shall Impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
 - a) Withholding of payments to the contractor under the contract until the contractor complies, and/or
 - b) Cancellation, termination, or suspension of the contract, in whole or in part.
7. Incorporation of Provisions: The contractor shall Include the provisions of paragraphs (1) through (6) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives Issues pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Tuscola County Road Commission may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that, in the event u contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Tuscola County Road Commission to enter into such litigation to protect the interests of the County, and, in addition, the contractor may request the State highway department to enter into such litigation to protect the interests of the State and/or the United States to enter into such litigation to protect the interests of the United States.

"The TUSCOLA COUNTY ROAD COMMISSION, in accordance with Title VI of the Civil Rights Act of 1964, 78-252, 42 U.S.C. 2000d-222d-4, the Civil Rights Act of 1987, P.L. 100-259, and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, Non- discrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, Disadvantaged Business Enterprise firms will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of Race, Color, Sex, Age, National Origin, or Handicap in consideration for an award. For additional compliance information, please see Appendix A."

AGREEMENT

TUSCOLA COUNTY ROAD COMMISSION – 1733 S. MERTZ ROAD, CARO, MI 48723

PAGE 1 OF 1

This agreement made this _____ day of _____, 20_____
by and between the Board of Tuscola County Road Commissioners and _____
_____.

1. _____ hereby agrees to undertake the following work
in the status of an independent contractor performing the following job:

_____.

2. Said contractor, _____, shall at all
times exercise extreme care and shall assume any and all liability for property damage or bodily
injury resulting from the above operation by this employees, agents, assigns, sub-contractors
and anyone else acting under his control or direction; and will indemnify, hold harmless and
defend the Tuscola County Road Commission, its Commissioners or employees from any and all
claims for property damage or bodily injury arising out of this Agreement.

3. Said contractor, _____, while
engaged in said job shall maintain and furnish certificates of insurance, naming the Tuscola
County Road Commission and Commissioners as an additional insured under the policy, with
policy limits of \$500,000/\$1,000,000 for property damage and bodily injury, and shall furnish
the Tuscola County Road Commission copies of said certificates of insurance prior to
commencing any work on said project.

Additionally, said contractor, _____, shall furnish
prior to start of said job with the Board of Tuscola County Road Commissioners, a policy of
insurance certifying he carries and has in effect worker's compensation insurance on all those
required to be covered under Michigan law.

4. The address of the Board of Tuscola County Road Commissioners is 1733 S, Mertz Rd., Caro, MI
48723.

Witnessed:

Board of Tuscola County Road Commissioners

Contractor

Contractor bid will not be accepted unless the enclosed Agreement is Signed and Returned with you bid.

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
2026

COUNTY
Tuscola

CITY / VILLAGE (If applicable)

ROAD JOB DESCRIPTION

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

Bray Road

NFC FUNCTIONAL CLASSIFICATION

5 MAJOR Collector

LENGTH (Miles)

6.94

FROM

Willard Road

TO

Ormes Road

PHYSICAL REFERENCE (PR) NUMBER: 0268002 BEGINNING MILE: 0.00 ENDING MILE: 6.94 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)

01/2026

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	\$	1,126,000.00
2) STP CE (RTF 1 ONLY)	\$	
3) LOCAL MATCH	\$	220,000.00
4) ACC FY	\$	
5) TOTAL PARTICIPATING STP BUDGET (Line 1-4)	\$	1,346,000.00
6) TEDF "D" AMOUNT:	\$	154,000.00
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: \$		1,500,000.00
JOB COST INCLUDING NON-LAP: \$		1,500,000.00

6.94 mi of .5" profile cold milling, hot mix asphalt overlay, aggregate shoulders, signing, and pavement markings on Bray Road from Willard Road to Ormes Road

☒ 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 J. Dankert, P.E.

TITLE

Highway Engineer

DATE

10/22/24

SIGNATURE

Brent J. Dankert P.E.

Digitally signed by Brent J. Dankert P.E.
DN: C=US, E=highwayengineer@tuscolaroad.org, O=Tuscola County Road Commission, OU=County Highway Engineer, CN=Brent J. Dankert P.E.
Date: 2024.11.22 10:02:23-05'00'

PHONE NUMBER

(989) 751-3873

Engineer's Opinion of Costs

Project Number:	2024-03 RTF	Project Engineer:	Brent Dankert
Estimate Number:	1: 6.97 miles Bray Rd .5" cold milling with HMA overlay	Date Created:	10/21/2024
Project Type:	Miscellaneous	Date Edited:	10/22/2024
Location:	Bray Rd: Willard to Ormes	Fed/State #:	
Description:		Fed Item:	
		Control Section:	

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0001	1100001	Mobilization, Max	1.000	LSUM	\$127,600.00	\$127,600.00
0002	2080036	Erosion Control, Silt Fence	500.000	Ft	\$5.00	\$2,500.00
0003	3070021	Approach, CI II	670.000	Ton	\$24.00	\$16,080.00
0004	3070121	Shld, CI II	3,800.000	Ton	\$24.00	\$91,200.00
0005	3077031	_ Approach, CI II, Modified	105.000	Ton	\$50.00	\$5,250.00
0006	5010008	Pavt for Butt Joints, Rem (6)	770.000	Syd	\$10.00	\$7,700.00
0007	5010061	HMA Approach (9 approaches+42 Driveways)	310.000	Ton	\$150.00	\$46,500.00
0008	5010101	Micro Texture Pavt Milling	90,000.000	Syd	\$2.00	\$180,000.00
0009	5012024	HMA, 4EL	8,470.000	Ton	\$84.00	\$711,480.00
0010	8070095	Post, Mailbox	4.000	Ea	\$100.00	\$400.00
0011	8070100	Guardrail Height, Adj (8 runs)	1,800.000	Ft	\$10.00	\$18,000.00
0012	8100371	Post, Steel, 3 pound	2,465.000	Ft	\$8.00	\$19,720.00
0013	8100397	Sign, Type II, Rem	6.000	Ea	\$15.00	\$90.00
0014	8100398	Sign, Type IIA	72.000	Sft	\$20.00	\$1,440.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0015	8100403	Sign, Type III, Rem	85.000	Ea	\$15.00	\$1,275.00
0016	8100404	Sign, Type IIIA	340.000	Sft	\$20.00	\$6,800.00
0017	8100405	Sign, Type IIIB	240.000	Sft	\$18.00	\$4,320.00
0018	8100616	Reflective Panel for Permanent Sign Support, 6 foot	82.000	Ea	\$35.00	\$2,870.00
0019	8102010	Ground Mtd Sign Support, Rem	101.000	Ea	\$5.00	\$505.00
0020	8107010	_ Sign, Type IA, Modified	108.000	Sft	\$25.00	\$2,700.00
0021	8112145	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	73,610.000	Ft	\$0.50	\$36,805.00
0022	8112148	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	16,800.000	Ft	\$0.50	\$8,400.00
0023	8120035	Channelizing Device, 42 inch, Fluorescent, Furn	105.000	Ea	\$12.00	\$1,260.00
0024	8120036	Channelizing Device, 42 inch, Fluorescent, Oper	105.000	Ea	\$1.00	\$105.00
0025	8120140	Lighted Arrow, Type C, Furn	2.000	Ea	\$250.00	\$500.00
0026	8120141	Lighted Arrow, Type C, Oper	2.000	Ea	\$1.00	\$2.00
0027	8120170	Minor Traf Devices	1.000	LSUM	\$51,000.00	\$51,000.00
0028	8120350	Sign, Type B, Temp, Prismatic, Furn	976.000	Sft	\$5.00	\$4,880.00
0029	8120351	Sign, Type B, Temp, Prismatic, Oper	976.000	Sft	\$2.00	\$1,952.00
0030	8120352	Sign, Type B, Temp, Prismatic, Spec, Furn	128.000	Sft	\$5.00	\$640.00
0031	8120353	Sign, Type B, Temp, Prismatic, Spec, Oper	128.000	Sft	\$2.00	\$256.00
0032	8120370	Traf Regulator Control	1.000	LSUM	\$25,500.00	\$25,500.00
0033	8122010	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	2,500.000	Ft	\$0.55	\$1,375.00
0034	8167011	_ Slope Restoration Modified	10,000.000	Syd	\$8.00	\$80,000.00

Line	Pay Item	Description	Quantity	Units	Unit Price	Total
0035	8210001	Monument Box	14.000	Ea	\$500.00	\$7,000.00
0036	8210010	Monument Preservation	14.000	Ea	\$1,000.00	\$14,000.00
Estimate Total:						\$1,480,105.00

Summary of Crash Characteristics Report

Tuscola (County)

Report Module: Safety Management Analysis

Today's Date: Friday, January 24, 2025

Dates: 01/01/2019 to 12/31/2023

Animal Crashes: Excluded

PR/Roadname: 268002 : Bray Rd

Milepoints: From 0.000 to 6.944

Report Filter

Field Name	Operator	Value(s)
Crash County	=	Tuscola
ROAD: Legal System	=	County Primary or County Local

Summary of Crash Characteristics Report

Time Period: 1/1/2019 to 12/31/2023
Location: PR 268002 0.000 - 6.944

Type of Crash

Year	Rear-End Left Turn		Head-On Left Turn		Rear-End		Angle		Sideswipe		Pedestrian		Head-On		Drive Related		Fixed Object		Others	
2019	0	0 %	0	0 %	2	14 %	4	29 %	0	0 %	0	0 %	1	7 %	0	0 %	5	36 %	2	14 %
2020	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	0	0 %	7	78 %	2	22 %
2021	0	0 %	0	0 %	2	14 %	0	0 %	0	0 %	0	0 %	1	7 %	0	0 %	9	64 %	2	14 %
2022	0	0 %	1	17 %	0	0 %	0	0 %	2	33 %	0	0 %	0	0 %	0	0 %	3	50 %	0	0 %
2023	0	0 %	0	0 %	2	18 %	2	18 %	0	0 %	0	0 %	1	9 %	0	0 %	4	36 %	2	18 %
Total	0	0 %	1	2 %	6	11 %	6	11 %	2	4 %	0	0 %	3	6 %	0	0 %	28	52 %	8	15 %

Pavement Condition

Year	Debris		Dry		Icy		Muddy		Slushy		Snowy		Wet		Others	
2019	0	0 %	11	79 %	0	0 %	0	0 %	0	0 %	2	14 %	1	7 %	0	0 %
2020	0	0 %	5	56 %	1	11 %	0	0 %	1	11 %	1	11 %	1	11 %	0	0 %
2021	0	0 %	10	71 %	2	14 %	0	0 %	1	7 %	1	7 %	0	0 %	0	0 %
2022	0	0 %	3	50 %	0	0 %	0	0 %	0	0 %	2	33 %	1	17 %	0	0 %
2023	0	0 %	6	55 %	1	9 %	0	0 %	0	0 %	0	0 %	4	36 %	0	0 %
Total	0	0 %	35	65 %	4	7 %	0	0 %	2	4 %	6	11 %	7	13 %	0	0 %

Light Condition

Year	Dark Lighted		Dark Unlighted		Dawn		Daylight		Dusk		Others	
2019	0	0 %	3	21 %	1	7 %	10	71 %	0	0 %	0	0 %
2020	0	0 %	4	44 %	0	0 %	5	56 %	0	0 %	0	0 %
2021	0	0 %	7	50 %	1	7 %	6	43 %	0	0 %	0	0 %
2022	0	0 %	2	33 %	1	17 %	3	50 %	0	0 %	0	0 %
2023	0	0 %	6	55 %	0	0 %	4	36 %	1	9 %	0	0 %
Total	0	0 %	22	41 %	3	6 %	28	52 %	1	2 %	0	0 %

Crash Severity

Year	Fatal Crashes		Number Killed		Injury Crashes		Number Injured		Property Damage		Total Crashes		Total Injuries	
2019	0	0 %	0		6	43 %	10		8	57 %	14		10	
2020	0	0 %	0		4	44 %	6		5	56 %	9		6	
2021	1	7 %	2		5	36 %	7		8	57 %	14		9	
2022	0	0 %	0		1	17 %	1		5	83 %	6		1	
2023	0	0 %	0		6	55 %	7		5	45 %	11		7	
Total	1		2		22		31		31		54		33	

Bray Rd: Willard to Ormes

0.00 Bray/Willard
6.944 Bray/Ormes

Tuscola (County)

Report Module: Safety Management Analysis

Today's Date: Wednesday, January 22, 2025

Dates: 01/01/2018 to 12/31/2023

Sort Order: PRNo, Milepoint, Date of Crash

Animal Crashes: Excluded

PR/Roadname: 268002 : Bray Rd

Milepoints: From 0.000 to 6.944

Bray Rd: Willard to Ormes

0.00 Bray/Willard
6.944 Bray/Ormes

From 1/1/2018 to 12/31/2023
PR: 268002 BMP: 0.000 EMP: 6.944

Region	----- CS -----		----- PR -----		Area	Location	Crash Type	----- Vehicle 1 -----		----- Vehicle 2 -----		Weather	Surface Condition	Date	Day	Hour	UD-10	----- Totals -----				Involves					
	Number	MP	Number	MP				Dir	Impact	Intent	Dir							Impact	Intent	Fatal	A	B	C	Injury	PDO	Alcohol	Drugs
Bay	0	0.000	268002	0.007	Intersection	Within Intsctn	HD-LT	S	Multi Areas	Turn left	N	Front-Cen	Go straight	Snow	Snowy	02/11/2022	FRI	08AM-09AM	2507943	0	0	0	0	Y	No	Uncoded	
Bay	0	0.000	268002	0.250	Midblock	Straight Rd	FXOBJ	S	Front-Cen	Go straight	U	Uncoded	Uncoded	Clear	Dry	02/22/2018	THU	08AM-09AM	1323785	0	0	0	0	Y	No	Uncoded	
Bay	0	0.000	268002	0.250	Midblock	Straight Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Clear	Dry	01/14/2020	TUE	07PM-08PM	1939273	0	0	0	1	1	N	Yes	Uncoded
Bay	0	0.000	268002	0.250	Midblock	Straight Rd	FXOBJ	N	Front-Rght	Go straight	U	Uncoded	Uncoded	Snow	Icy	02/10/2020	MON	04AM-05AM	1969261	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	0.250	Midblock	Straight Rd	FXOBJ	S	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	05/15/2021	SAT	06AM-07AM	2281584	0	0	0	0	0	Y	No	Yes
Bay	0	0.000	268002	0.250	Midblock	Straight Rd	FXOBJ	S	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	09/16/2022	FRI	05AM-06AM	2688948	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	0.552	Midblock	Straight Rd	R-END	W	Front-Rght	Go straight	U	Unknown	Passing	Clear	Dry	10/08/2019	TUE	08AM-09AM	1890518	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	1.022	Intersection	Straight Rd	AN-ST	E	Front-Cen	Go straight	S	Driver-side	Go straight	Clear	Dry	05/23/2018	WED	11AM-NOON	1390480	0	1	0	1	2	N	No	Uncoded
Bay	0	0.000	268002	1.119	Midblock	Straight Rd	SS-SM	S	Driver-side	Turn left	S	Front-Rght	Change lanes	Cloudy	Dry	08/08/2022	MON	08AM-09AM	2656336	0	0	1	0	1	N	No	Uncoded
Bay	0	0.000	268002	1.119	Midblock	Straight Rd	FXOBJ	S	Front-Cen	Go straight	U	Uncoded	Uncoded	Rain	Wet	05/07/2023	SUN	01AM-02AM	2892623	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	1.786	Midblock	Straight Rd	FXOBJ	S	Roof	Go straight	U	Uncoded	Uncoded	Clear	Dry	04/05/2018	THU	11AM-NOON	1343798	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	1.786	Midblock	Straight Rd	SS-OP	N	Multi Areas	Go straight	S	Rear-Lft	Go straight	Rain	Wet	05/27/2022	FRI	03PM-04PM	2602172	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	1.886	Midblock	Straight Rd	FXOBJ	S	Roof	Go straight	U	Uncoded	Uncoded	Clear	Dry	04/07/2021	WED	02PM-03PM	2254081	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	2.035	Intersection	Within Intsctn	R-END	S	Front-Lft	Turn left	S	Rear-Rght	Go straight	Clear	Dry	04/25/2023	TUE	05AM-06AM	2881048	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	2.036	Intersection	Within Intsctn	AN-ST	E	Front-Cen	Go straight	S	Rear-Rght	Go straight	Rain	Wet	11/02/2019	SAT	07PM-08PM	1869889	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	2.036	Midblock	Straight Rd	AN-ST	W	Front-Rght	Go straight	S	Front-Lft	Go straight	Clear	Dry	11/24/2019	SUN	02PM-03PM	1875996	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	2.203	Midblock	Straight Rd	FXOBJ	S	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	10/01/2021	FRI	MDNT-01AM	2387180	2	2	0	0	2	N	Yes	Uncoded
Bay	0	0.000	268002	2.753	Midblock	Straight Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Snow	Snowy	01/12/2018	FRI	08AM-09AM	1269898	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	2.803	Midblock	Straight Rd	FXOBJ	N	Front-Lft	Go straight	U	Uncoded	Uncoded	Snow	Snowy	03/11/2022	FRI	09AM-10AM	2543600	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	2.803	Midblock	Straight Rd	BCKNG	W	Rear-Cen	Backing	U	Uncoded	Uncoded	Clear	Dry	12/05/2023	TUE	06PM-07PM	3075996	0	0	0	0	0	Y	No	Uncoded

Bray Rd: Willard to Ormes

0.00 Bray/Willard
6.944 Bray/Ormes

From 1/1/2018 to 12/31/2023
PR: 268002 BMP: 0.000 EMP: 6.944

Region	----- CS -----		----- PR -----		Area	Location	Crash Type	----- Vehicle 1 -----			----- Vehicle 2 -----		Weather	Surface Condition		Date	Day	Hour	UD-10	----- Totals -----					Involves		
	Number	MP	Number	MP				Dir	Impact	Intent	Dir	Impact		Intent	Fatal					A	B	C	Injury	PDO	Alcohol	Drugs	
Bay	0	0.000	268002	2.859	Midblock	Straight Rd	MISC-SV	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Snow	Snowy	01/19/2019	SAT	09AM-10AM	1618173	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	3.053	Midblock	Straight Rd	AN-ST	E	Pass-side	Go straight	N	Front-Cen	Go straight	Clear	Dry	05/24/2023	WED	05PM-06PM	2908154	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	3.081	Intersection	Other Intsctn Rel	FXOBJ	N	Pass-side	Passing	U	Uncoded	Uncoded	Clear	Dry	09/14/2020	MON	10AM-11AM	2103694	0	0	1	2	3	N	No	Uncoded
Bay	0	0.000	268002	3.303	Intersection	Drwy 150ft of Int	FXOBJ	S	Undercarr	Go straight	U	Uncoded	Uncoded	Clear	Dry	09/18/2019	WED	10AM-11AM	1804215	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	3.303	Midblock	Straight Rd	OTURN	S	Roof	Go straight	U	Uncoded	Uncoded	Clear	Snowy	02/29/2020	SAT	11AM-NOON	1981020	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	3.303	Midblock	Straight Rd	R-END	N	Front-Rght	Go straight	N	Rear-Lft	Stopped on Road	Clear	Dry	11/24/2021	WED	02PM-03PM	2451810	0	0	2	0	2	N	No	Uncoded
Bay	0	0.000	268002	3.559	Midblock	Straight Rd	HD-ON	S	Multi Areas	Go straight	N	Front-Rght	Go straight	Clear	Dry	12/26/2019	THU	NOON-01PM	1921592	0	0	1	2	3	N	No	Uncoded
Bay	0	0.000	268002	3.809	Midblock	Straight Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Cloudy	Slush	02/18/2020	TUE	07AM-08AM	1971023	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	4.058	Midblock	Straight Rd	AN-ST	E	Rear-Lft	Stopped on Road	N	Front-Lft	Go straight	Clear	Dry	08/22/2019	THU	01PM-02PM	1788488	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	4.060	Intersection	Within Intsctn	FXOBJ	N	Undercarr	Go straight	U	Uncoded	Uncoded	Clear	Wet	09/01/2018	SAT	11PM-MDNT	1463177	0	0	0	0	0	Y	Yes	Uncoded
Bay	0	0.000	268002	4.071	Midblock	Straight Rd	FXOBJ	S	Front-Cen	Avoid veh at angle	U	Uncoded	Uncoded	Clear	Dry	08/11/2019	SUN	05PM-06PM	1818519	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	4.309	Midblock	Straight Rd	FXOBJ	S	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	02/05/2020	WED	04PM-05PM	1965653	0	0	1	0	1	N	No	Uncoded
Bay	0	0.000	268002	4.817	Midblock	Straight Rd	FXOBJ	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	02/04/2021	THU	09AM-10AM	2213076	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	4.978	Midblock	Straight Rd	FXOBJ	N	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	04/06/2019	SAT	02AM-03AM	1675414	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	5.367	Midblock	Straight Rd	FXOBJ	N	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	01/30/2021	SAT	03AM-04AM	2207379	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	5.567	Midblock	Straight Rd	FXOBJ	N	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	07/24/2018	TUE	01PM-02PM	1445054	0	1	0	0	1	N	No	Uncoded
Bay	0	0.000	268002	5.623	Midblock	Straight Rd	SS-OP	U	Unknown	Go straight	N	Driver-side	Go straight	Clear	Dry	08/23/2018	THU	06AM-07AM	1456901	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	5.623	Midblock	Straight Rd	OTURN	N	Roof	Go straight	U	Uncoded	Uncoded	Rain	Wet	10/10/2023	TUE	01AM-02AM	3032163	0	0	1	0	1	N	Yes	Uncoded
Bay	0	0.000	268002	5.731	Midblock	Curved Rd	FXOBJ	S	Multi Areas	Negotiate Curve	U	Uncoded	Uncoded	Snow	Slush	12/18/2021	SAT	09AM-10AM	2474822	0	0	2	0	2	N	No	Uncoded
Bay	0	0.000	268002	5.742	Midblock	Straight Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Snow	Snowy	01/22/2019	TUE	07PM-08PM	1602494	0	0	0	1	1	N	No	Uncoded

Bray Rd: Willard to Ormes

0.00 Bray/Willard
6.944 Bray/Ormes

From 1/1/2018 to 12/31/2023
PR: 268002 BMP: 0.000 EMP: 6.944

----- CS -----		----- PR -----				Crash	----- Vehicle 1 -----			----- Vehicle 2 -----		Surface						----- Totals -----				Involves					
Region	Number	MP	Number	MP	Area	Location	Type	Dir	Impact	Intent	Dir	Impact	Intent	Weather	Condition	Date	Day	Hour	UD-10	Fatal	A	B	C	Injury	PDO	Alcohol	Drugs
Bay	0	0.000	268002	5.821	Midblock	Fwy Curve Rdwy	FXOBJ	W	Front-Lft	Go straight	U	Uncoded	Uncoded	Clear	Dry	07/22/2019	MON	07PM-08PM	1768927	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	5.874	Midblock	Straight Rd	AN-ST	W	Front-Lft	Stopped on Road	S	Front-Rght	Go straight	Clear	Dry	12/06/2019	FRI	NOON-01PM	1908429	0	0	0	3	3	N	No	Uncoded
Bay	0	0.000	268002	5.892	Midblock	Curved Rd	OTURN	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Cloudy	Icy	01/12/2021	TUE	06AM-07AM	2196082	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	6.373	Midblock	Straight Rd	HD-ON	S	Front-Lft	Go straight	N	Front-Lft	Go straight	Clear	Dry	10/01/2023	SUN	03PM-04PM	3019476	0	0	1	0	1	N	No	Uncoded
Bay	0	0.000	268002	6.483	Midblock	Curved Rd	FXOBJ	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	03/26/2023	SUN	06PM-07PM	2849479	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	6.687	Midblock	Curved Rd	FXOBJ	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	03/22/2022	TUE	11PM-MDNT	2542202	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.694	Midblock	Curved Rd	OTURN	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Snow	Icy	01/03/2018	WED	11AM-NOON	1260218	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	6.694	Midblock	Curved Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Clear	Dry	06/15/2018	FRI	08PM-09PM	1400712	0	0	0	0	0	Y	Yes	Uncoded
Bay	0	0.000	268002	6.694	Midblock	Fwy Curve Rdwy	MISC-SV	N	Driver-side	Go straight	U	Uncoded	Uncoded	Clear	Dry	08/03/2018	FRI	09PM-10PM	1441450	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.694	Midblock	Curved Rd	FXOBJ	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Rain	Wet	05/02/2023	TUE	01AM-02AM	2890298	0	1	1	0	2	N	No	Uncoded
Bay	0	0.000	268002	6.720	Midblock	Fwy Curve Rdwy	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Clear	Dry	09/20/2021	MON	11PM-MDNT	2373166	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.730	Midblock	Curved Rd	FXOBJ	N	Front-Cen	Go straight	U	Uncoded	Uncoded	Rain	Wet	11/03/2023	FRI	11PM-MDNT	3038288	0	0	0	1	1	N	Yes	Uncoded
Bay	0	0.000	268002	6.733	Midblock	Straight Rd	FXOBJ	N	Front-Rght	Go straight	U	Uncoded	Uncoded	Clear	Dry	09/07/2020	MON	09PM-10PM	2082762	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.746	Midblock	Fwy Curve Rdwy	OTURN	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Wet	12/01/2020	TUE	06PM-07PM	2150723	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	6.755	Midblock	Curved Rd	FXOBJ	N	Front-Rght	Avoid animal	U	Uncoded	Uncoded	Clear	Dry	10/21/2020	WED	06PM-07PM	2133218	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.811	Midblock	Straight Rd	FXOBJ	S	Front-Rght	Go straight	U	Uncoded	Uncoded	Clear	Dry	02/09/2021	TUE	03PM-04PM	2206995	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.838	Midblock	Curved Rd	OTURN	N	Pass-side	Go straight	U	Uncoded	Uncoded	Snow	Snowy	02/04/2021	THU	08PM-09PM	2206992	0	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.844	Midblock	Curved Rd	OTURN	N	Multi Areas	Go straight	U	Uncoded	Uncoded	Clear	Dry	04/13/2019	SAT	03PM-04PM	1687837	0	0	0	1	1	N	No	Uncoded
Bay	0	0.000	268002	6.868	Midblock	Curved Rd	FXOBJ	N	Rear-Cen	Go straight	U	Uncoded	Uncoded	Clear	Dry	12/26/2021	SUN	08PM-09PM	2482423	0	0	1	0	1	N	Yes	Uncoded
Bay	0	0.000	268002	6.871	Midblock	Straight Rd	R-END	N	Front-Cen	Go straight	N	Rear-Cen	Slow/stop, Other	Snow	Icy	02/04/2021	THU	09PM-10PM	2206994	0	0	0	0	0	Y	No	Uncoded

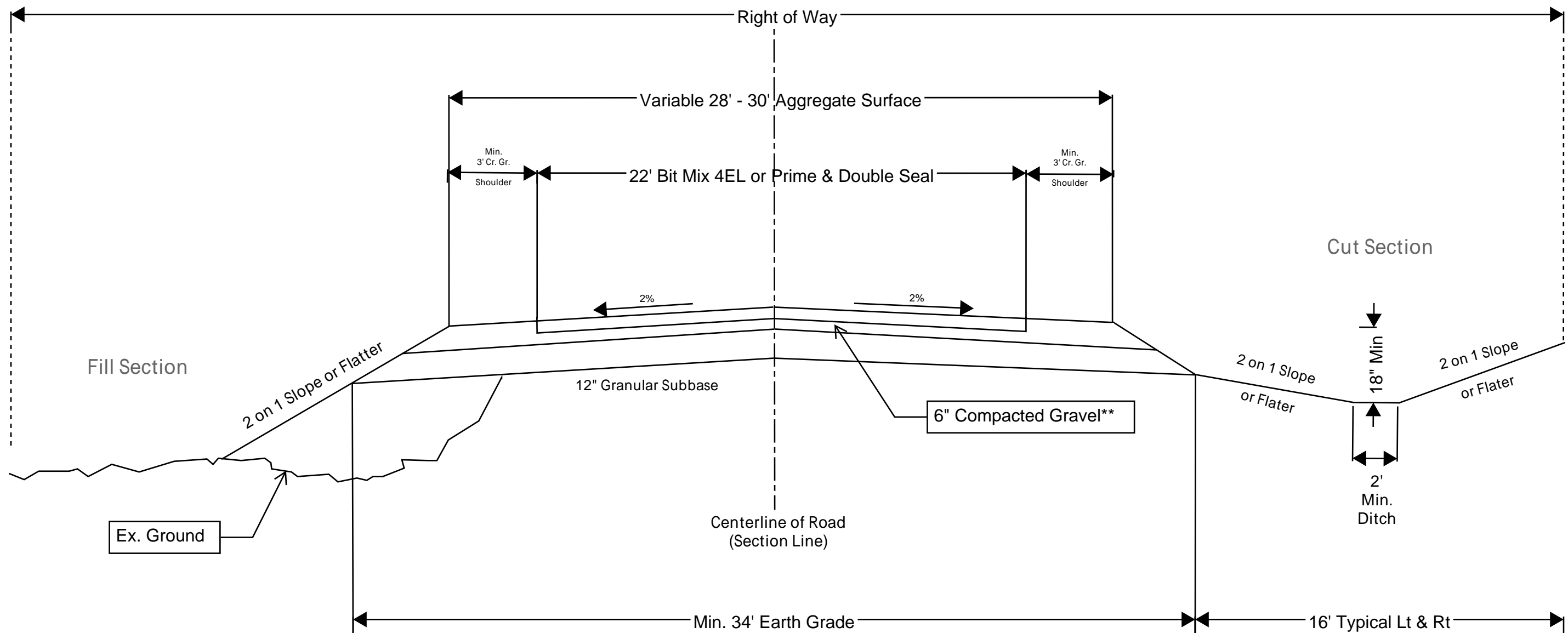
Bray Rd: Willard to Ormes

0.00 Bray/Willard
6.944 Bray/Ormes


From 1/1/2018 to 12/31/2023

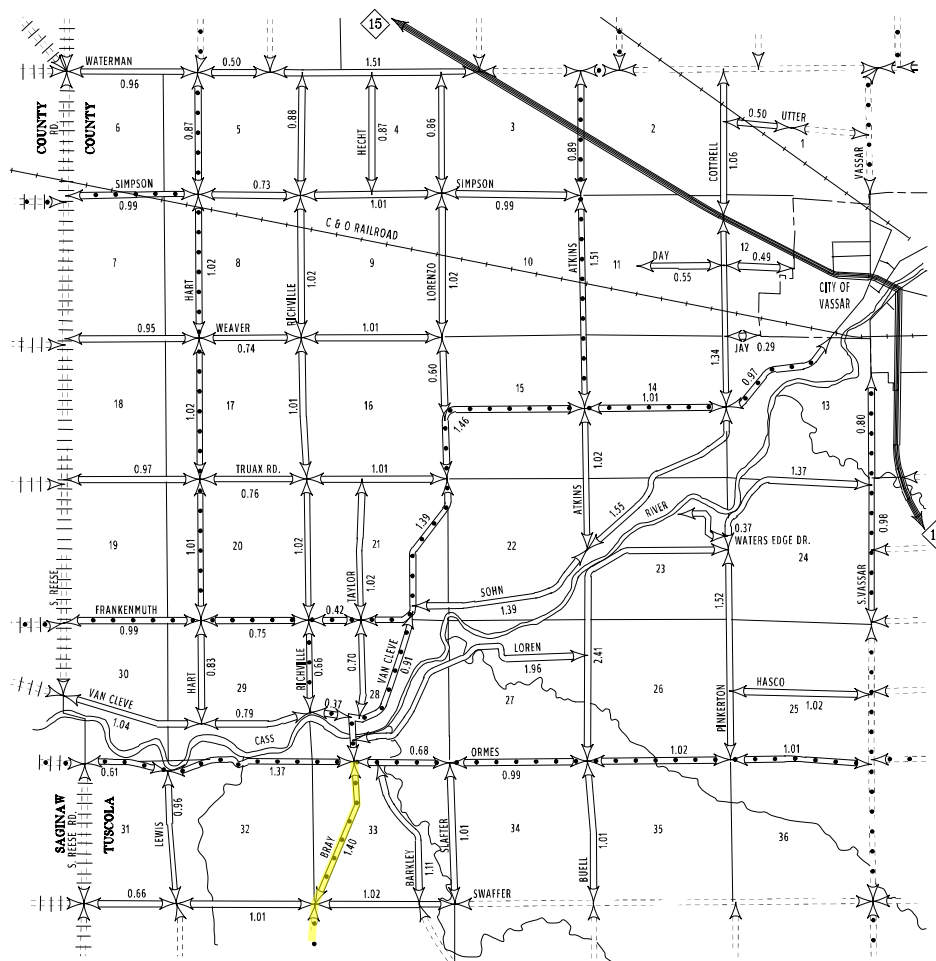
PR: 268002 BMP: 0.000 EMP: 6.944

----- CS -----		----- PR -----		Area	Location	Crash Type	----- Vehicle 1 -----			----- Vehicle 2 -----			Weather	Surface Condition	Date	Day	Hour	UD-10	----- Totals -----				Involves			
Region	Number	MP	Number				MP	Dir	Impact	Intent	Dir	Impact							Intent	Fatal	A	B	C	Injury	PDO	Alcohol
Bay	0	0.000	268002	6.922	Midblock	Straight Rd	R-END	N	Front-Cen	Go straight	N	Rear-Cen	Go straight	Clear	Dry	12/09/2023	SAT	05PM-06PM	3064512	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.940	Midblock	Straight Rd	R-END	N	Front-Cen	Slow/stop on Road	N	Rear-Cen	Stopped on Road	Cloudy	Dry	12/12/2019	THU	08AM-09AM	1918263	0	0	0	0	Y	No	Uncoded
Bay	0	0.000	268002	6.944	Intersection	Within Intsctn	HD-ON	NW	Front-Cen	Go straight	S	Front-Cen	Stopped on Road	Clear	Dry	09/10/2021	FRI	04PM-05PM	2364848	0	0	0	0	Y	Yes	Uncoded
Bay	0	0.000	268002	6.944	Intersection	Within Intsctn	AN-ST	N	Front-Lft	Go straight	W	Front-Lft	Stopped on Road	Snow	Icy	03/18/2023	SAT	11AM-NOON	2856495	0	0	0	0	Y	No	Uncoded

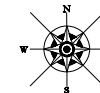


*Or approved equal by Highway Engineer
 **MDOT Spec 21A, 22A, 23A, or Crushed Limestone or approved equal by Highway Engineer

FINAL PLAN REVISIONS				 <div> Tuscola County Road Commission 1733 Mertz Caro, MI 48723 Phone: 989 673-2128 Fax: 989 673-3294 </div>	TITLE SHEET:	STANDARD CROSS SECTION	SHEET
NO.	DATE	AUTH	DESCRIPTION		TCRC PROJECT NO:		2
					Date:		
					FILE:		

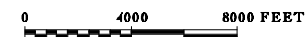


TOWNSHIP OF
TUSCOLA
TUSCOLA COUNTY
T11N - R7E
ROAD SYSTEMS
ACT 61 PUBLIC ACTS 1961



PREPARED BY
MICHIGAN
DEPARTMENT OF TRANSPORTATION

SCALE



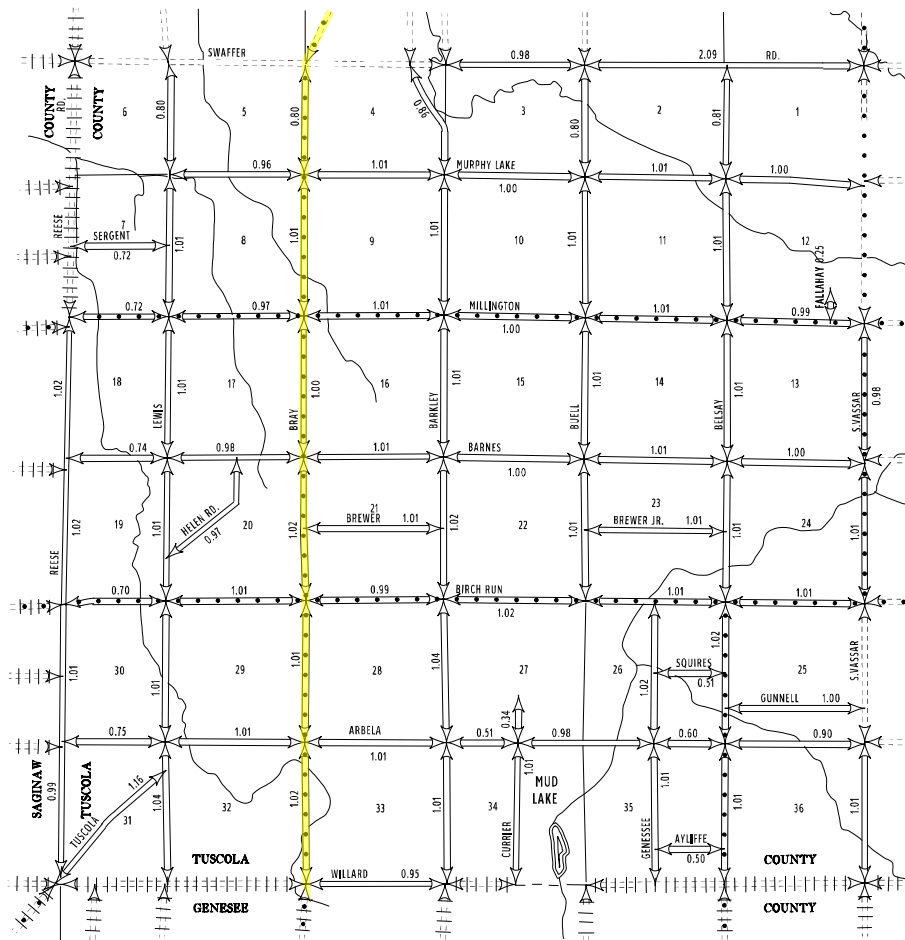
PRIMARY ROAD SYSTEM 25.10 MILES
LOCAL ROAD SYSTEM 46.42 MILES

LEGEND

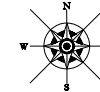
COUNTY LINE ---
CORPORATE LIMITS ---
TOWNSHIP LINE ---
STATE TRUNK LINE ---
COUNTY PRIMARY ---
COUNTY LOCAL ---
CITY OR VILLAGE ---
MAJOR STREET ---
ADJOINING COUNTY +++++
ADJOINING TOWNSHIP - - - - -

					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

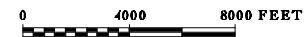


**TOWNSHIP OF
ARBELA
TUSCOLA COUNTY
T10N - R7E
ROAD SYSTEMS
ACT 51 PUBLIC ACTS 1961**



PREPARED BY
MICHIGAN
DEPARTMENT OF TRANSPORTATION

SCALE



PRIMARY ROAD SYSTEM 21.31 MILES
LOCAL ROAD SYSTEM 55.56 MILES

LEGEND

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

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12	13	14	15	16	
17	18	19	20	21	
22	23	24			

KEY TO TWP.SHEET NUMBERS
22

TUSCOLA COUNTY ROAD COMMISSION

SPECIAL PROVISION
FOR
STREET NAME SIGN

CON:SGI 810

1 of 1

03-09-21

a. Description. Sign, Type ____, Modified shall be in accordance with Section 810 of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction, except as outlined in this Special Provision. The work of Sign, Type ____, Modified shall consist of fabricating and installing a dual faced street name sign panel mounted to steel sign supports.

b. Materials. All materials shall be in accordance with Sections 810.02 and 919.02 of the MDOT 2012 Standard Specifications for Construction.

Aluminum sheet for Type III sign panels must be fabricated from a minimum 0.100 inch thick aluminum sheet.

Sign bracket hardware used to mount the street name sign panel (D3-1) above the stop sign (R1-1) shall fasten the sign on the bottom edge of the sign panel. For the sign bracket use one of the following models or approved equal:

Dornbos Sign Bracket Catalog Number 914UF-NU180 or 91UF-OL90
Rathco Safety Supply Inc. Catalog Number 91UF-OL90F or 91UF-OL90

c. Construction Methods. Sign, Type ____, Modified shall include all necessary items to be constructed in accordance with Section 810 of the MDOT 2012 Standard Specifications for Construction. Proper installation of street name signs is required for this pay item. Sign dimensions and sizes shall come from the details in the plans. Sign hole locations shall come from the Standard Highway Sign Manual, section e10_supporthole, horizontal rectangle detail. Height of sign shall be 6 inches above the top of the stop sign (R1-1), per MDOT Sign Standard SIGN-140 series.

d. Measurement and Payment. The completed work, **Sign, Type ____, Modified** includes all materials, labor, and equipment, as measured for fabrication and installation of back to back street name signs and will be paid for at the Contract Unit Price for the following item Pay Item:

Pay Item	Pay Unit
Sign, Type ____, Modified	Square Foot

Install at locations shown on the plans or as directed by the Engineer. Posts will be paid for separately. The back to back street name sign panel will be paid for once, not twice for sheeting on both sides.

TUSCOLA COUNTY ROAD COMMISSION

SPECIAL PROVISION
FOR
APPROACH, CLASS __, __ INCH, MODIFIED

CON:SGI 307

1 of 1

03-09-21

a. Description. This work shall consist of placing and compacting an aggregate approach where called for on the plans.

b. Materials. The material shall meet the gradation requirements of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction, Section 902, for 23A aggregate, except all material shall be 100% crushed limestone.

c. Construction. The aggregate approach material shall be placed in accordance with Section 307 of the MDOT 2012 Standard Specifications for Construction.

d. Measurement and Payment. The completed work, **Approach, CI __, __ inch, Modified** including all materials, labor, and equipment, as measured will be paid for at the contract unit price for the following pay Item.

Pay Item

Pay Unit

Approach, CI __, __ inch, ModifiedSquare Yard

Approach, CI __, __ inch, Modified will be measured in place by the square yard.