



Calhoun County Road Department

"Building A Better County Through Responsive Leadership"

13300 15 Mile Road
Marshall, MI 49068
(269) 781-9841 Voice
(800) 781-5512 Toll Free
(269) 781-6101 Fax

rdinfo@calhouncountymi.gov
www.calhouncountyroads.com

Invitation for Bids

Countywide Pulverization Project

Sealed bids will be received by the Calhoun County Road Department at their offices on 13300 15 Mile Road, Marshall, MI 49068 until **12:00 PM EST on Tuesday, May 7th, 2019** for the crushing of existing roadways in Convis, Lee, Marengo, Sheridan, and Clarence Townships. This project is located in Calhoun County, Michigan.

All bids must be in sealed envelopes marked:

Countywide Pulverization Project

No pre-bid meeting will be held. Questions about this bid package must be submitted by Tuesday, April 30th at 12:00 PM via email to bkernstock@calhouncountymi.gov.

The Calhoun County Road Department reserves the right to reject any and all bids and to make the award in the best interest of the Calhoun County Road Department and Calhoun County.

Brian Kernstock, PE

General Provisions & Instructions

Scope of Work

The work covered by this proposal consists of crushing and shaping portions of existing roadway throughout Calhoun County.

All work shall be performed in accordance with the Michigan Department of Transportation's (MDOT) 2012 Standard Specifications for Construction or as modified by these General Provisions and Instructions.

Special Requirements

1. Persons wanting to submit a bid on this project shall submit the forms from Appendix A & Bid Security Requirements. Bid forms should be submitted to the Calhoun County Road Department. After the bid opening, a decision will be made to pursue what is in the best interest of the Calhoun County Road Department and Calhoun County.
2. A preconstruction meeting will be held to finalize a progress schedule and to determine execution-administration of the contract. Work on the project shall begin on a date agreed upon with the Calhoun County Road Department and Calhoun County. The completion date for all work shall be September 30, 2019.
3. Payment: The contractor shall submit invoices for completed contract items to the Calhoun County Road Department (Kristine Parsons). The invoice will be processed and payment for approved contract items (less retainage, if necessary) will be made within thirty (30) calendar days or less of receiving the invoice.
4. The contractor shall furnish a statement to the Calhoun County Road Department certifying that all subcontractors and suppliers that furnished labor, equipment, and materials for the project have been paid before the final payment on the contract is made.

Questions/Additional Information

Questions regarding this project should be directed to:

Brian Kernstock, PE
Senior Civil Engineer
Calhoun County Road Department
13300 15 Mile Road
Marshall, MI 49068
P: 269.781.9841
bkernstock@calhouncountymi.gov

Utility Coordination

The contractor shall cooperate and coordinate construction activities with the owners of utilities as stated in Section 104.08 of the 2012 MDOT Standard Specifications for Construction. In addition, for the protection of underground utilities, the contractor shall follow the requirements in Section 107.12 of the 2012 MDOT Standard Specifications for Construction. Contractor delay claims resulting from a utility will be determined based upon Section 109.05 of the MDOT Standard Specifications for Construction.

For protection of underground utilities and in conformance with Public Act 53, the contractor shall dial 1-800-482-7171 a minimum of three (3) full working days, excluding Saturdays, Sundays and holidays prior to beginning each excavation in areas where public utilities have not been previously located. Members will thus be routinely notified. This does not relieve the contractor of the responsibility of notifying utility owners who may not be a part of the "MISS DIG" alert system.

Public Utilities

The following public utilities have facilities located within the right-of-way:

Gas and Electric

Consumers Energy
311 E Michigan Ave #100
Battle Creek, MI 49014
Jesse Burns – (269) 337-2311
Kyle Oak – (269) 337-2366

Telephone and Cable

Everstream
3950 Sparks Drive SE
Grand Rapids, MI 49546
Brian Kunter - (616) 608-8945

Natural Gas

West Bay Exploration
9480 Napier Rd
Northville, MI 48167
Joline Dorer – (517) 676-5167

Natural Gas

Semco
15851 Helmer Road S.
Battle Creek, MI 49015
Michael Nee – (269) 209-3721

Telephone

AT&T
2919 Millcork St., Room 101
Kalamazoo, MI 49001
Todd Berghuis (269) 384-4475

Cable TV

Comcast Cable
11921 E. M-89
Richland, MI 49083
Joe Schopf – (269) 203-7114

The owners of existing service facilities that are within grading or structure limits will move them to locations designated by the Engineer or will remove them entirely from the roadway right of way. Owners of public utilities will not be required by the CCRD to move additional poles or structures in order to facilitate the operation of construction equipment unless it is determined by the Engineer that such poles or structures constitute a hazard to the public or are extraordinarily dangerous to the Contractor's operations.

Appendix A: Bid Security Requirements & Bid Forms

Bid Security

Bid security shall be made payable to the Calhoun County Road Department in an amount equal to 5% of the total bid. The bid security can be cash, certified check, or a bid bond issued by a surety.

The bid security of the successful low bidder will be retained by the Calhoun County Road Department until a contract is executed. The bid security shall be returned to the successful low bidder within ten (10) business days of the date the contract is executed.

The successful low bidder's bid security will be forfeited if the Calhoun County Road Department and the successful low bidder fail to reach agreement on a progress schedule or if the low bidder fails to return an executed contract to the Calhoun County Road Department within ten (10) business days of receiving notice of award.

The bid security of other bidders shall be returned within ten (10) business days of the bid opening.

Bid Sheet

Schedule of Items (Itemized Bid Sheet)

Letting Date: Thursday, May 2, 2019 12:00 PM

Contract ID: '19 Pulverizing
Location: 19 Mile Rd, 18 Mile Rd, 24 Mile Rd, 25 1/2 Mile Rd
Description: The existing HMA will be crushed and returned to gravel

Project Number: '19 Pulverizing	Project Engineer: Kristine Parsons
Estimate Number: 1	Date Created: 4/11/2019
Project Type: Miscellaneous	Fed/State #:
Location: 19 Mile Rd, 18 Mile Rd, 24 Mile Rd, 25 1/2 Mile Rd	Fed Item:
	Control Section:

Description: The existing HMA will be crushed and returned to gravel

Instructions to Bidders: IMPORTANT NOTICE:
If the proposal establishes a maximum price for any of the following work items, and if you bid a price higher than that maximum price, your bid will be considered to have quoted the maximum price and your bid total will be adjusted to reflect that maximum price.

If the proposal provides a specified price for any of the following work items, and if you bid a price higher or lower than that specified price, your bid will be adjusted to reflect that specified price.

If your bid is the lowest accepted bid, and if you refuse to accept the award of the contract due to the change in what you quoted as a maximum or specified price, you will forfeit your proposal guaranty.

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
1500001	Mobilization, Max	1	LSUM					
3020001	Aggregate Base	1,400	Ton					
3050002	HMA Base Crushing and Shaping	55,000	Syd					
8120022	Barricade, Type III, High Intensity, Lighted, Furn	9	Ea					
8120023	Barricade, Type III, High Intensity, Lighted, Oper	9	Ea					
8120170	Minor Traf Devices	1	LSUM					
8120350	Sign, Type B, Temp, Prismatic, Furn	395	Sft					
8120351	Sign, Type B, Temp, Prismatic, Oper	395	Sft					
Total Bid:								

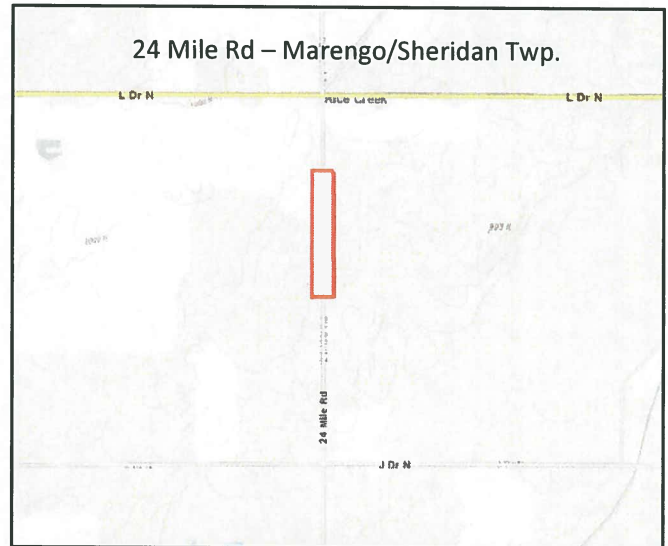
Contractor: _____

(Signature)

(Date)

CALHOUN COUNTY ROAD DEPARTMENT

Countywide Pulverization Project



Project Description: Crush and shape the existing roadway. Place aggregate as required. Grade and compact the pulverized roadway.

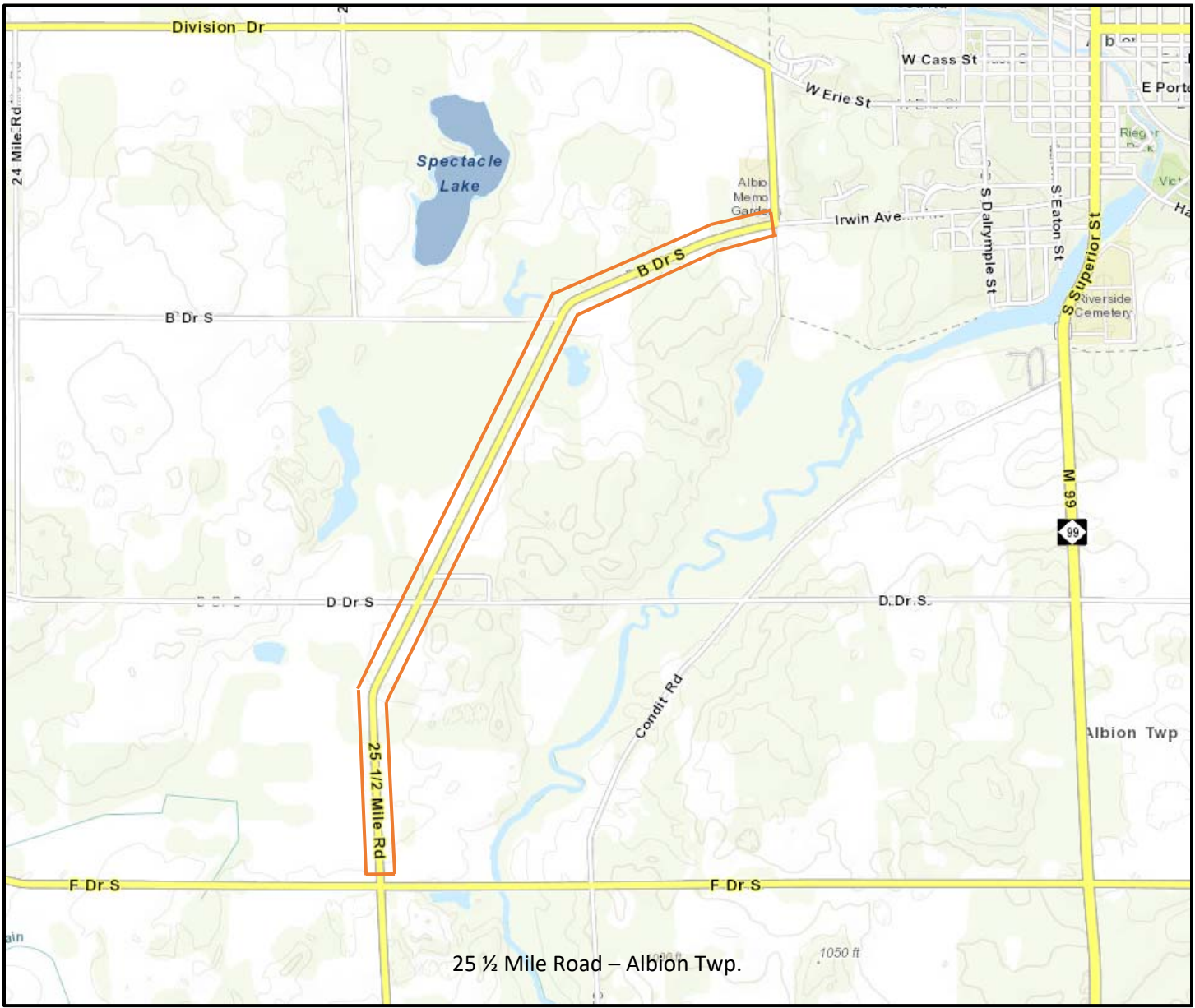
General Notes:

1. All materials and workmanship shall be in accordance with the Michigan Department of Transportation's 2012 Standard Specifications for Construction.
2. All traffic control devices shall be furnished and operated in accordance with the 2011 Michigan Manual of Uniform Traffic Control Devices and Section 812 of MDOT's Standard Specs.

Brian Kernstock, PE
Senior Civil Engineer



6201067795
Registration Number



25 1/2 Mile Road – Albion Twp.

Calhoun County Road Department Countywide Pulverization Project

PROJECT LOCATION

This project takes place four different locations throughout Calhoun County. The limits of the project are as follows:

- 19 Mile Road from Partello Road to ½ Mile north of Partello Road – Marengo Township
- 18 Mile Road from L Drive N to approximately 1500 feet north of L Drive N – Convis Township and Lee Township
- 24 Mile Road from approximately 700 feet south of L Drive N to approximately 2400 feet south of L Drive N – Sheridan Township and Marengo Township
- 25 ½ Mile Road from F Drive S to 27 Mile Rd (Finley Drive) – Albion Township

The Engineer will establish the location for all items of work. All work on this project must be in compliance with 2012 MDOT Standard Specifications for Construction and the special provisions included in this project proposal.

PROJECT DESCRIPTION

The project proposes to crush and shape 4 different segments of roadway throughout Calhoun County (see attached map). Once a road is crushed it will be graded and compacted. At certain locations, 22A aggregate base will be added to the roadway after it has been crushed. The new aggregate base will then be shaped and compacted.

PROJECT LOG

These roads shall be closed to all traffic, with the exception of residents who live within the project limits. 25 ½ Mile Rd is the only road segment that will have a detour. See the attached detour route and signage plan. A detour shall be set up no more than 1 day prior to the road being closed. The Contractor must notify CCRD of the road closure at least 48-hours in advance.

At all locations throughout the project, the existing HMA shall be pulverized to a depth of 1-inch below the bottom of the pavement across the entire width of the roadway. This work shall be paid for as *HMA Base Crushing and Shaping*.

On 24 Mile Rd in Sheridan Township and Marengo Township, 3-inches of 22A shall be placed uniformly over the entire width of the roadway. The road shall then be shaped and compacted to a 4% crown. This work shall be paid for as *Aggregate Base*.

On 18 Mile Rd in Convis Township and Lee Township, 4-inches of 22A shall be placed uniformly over the entire width of the roadway. The road shall then be shaped and compacted to a 2% crown. This work shall be paid for as *Aggregate Base*.

On 25 ½ Mile Rd in Albion Township and 19 Mile Rd in Marengo Township, the road will be shaped to a 2% crown and compacted once it has been crushed. This work shall be paid for as *HMA Base Crushing and Shaping*.

A widening and resurfacing project will be taking place on 25 ½ Mile Rd while this project is ongoing. The Contractor will be required to coordinate with the Contractors performing that work. This segment of road must be crushed between the widening and paving operations included in the resurfacing project. See the coordination clause included in these bid documents.

SURFACING ITEMS

Items of work are to be placed as directed by the Engineer.

Mobilization, Max.....	1 LSUM
Aggregate Base.....	1400 Tons
HMA Base Crushing and Shaping	55,000 Syd

MAINTENANCE OF TRAFFIC

Maintain traffic in accordance with the special provision for traffic control and as directed by the Engineer.

Barricade, Type III, High Intensity, Lighted, Furn	9 Ea
Barricade, Type III, High Intensity, Lighted, Oper.....	9 Ea
Sign, Type B, Temp, Prismatic, Furn	395 Sft
Sign, Type B, Temp, Prismatic, Oper	395 Sft
Minor Traf Devices	1 LSUM

CALHOUN COUNTY ROAD DEPARTMENT

SPECIAL PROVISION
FOR
MAINTAINING TRAFFIC

CCRD: BJK

1 of 1

03-15-17

a. Description. Traffic maintenance during construction shall be in accordance with Section 104.11 of the Michigan Department of Transportation 2012 Standard Specifications for Construction. All signs, barricades, and other traffic control devices shall be in accordance with the 2011 Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

No work will be allowed on Sundays, Saturdays, or holidays unless pre-approved by the Engineer. All work must be performed during the daylight hours.

b. Construction Influence Area. The Construction Influence Area (CIA) shall consist of the project right of way five-hundred (500) feet in all directions.

c. Traffic Control Devices and Restrictions. All traffic control devices and their usage must conform to Part 6 of the MMUTCD. The Contractor must review, adjust, and maintain all traffic control devices on a daily bases or as directed by the Engineer. The Contractor must notify the Engineer at least twenty-four (24) hours in advance of erecting construction zone signing. Access to all businesses and residences must be maintained at all times and work must be coordinated with the Engineer.

The Contractor must maintain all traffic control devices and is responsible for reviewing the adequacy and condition of all traffic control devices at least once per day for the duration of the project. Replacement and repair of the traffic control devices will be restricted to daylight hours. All signs damaged as a result of the Contractor’s operations must be replaced by the Contractor at his expense.

d. Measurement and Payment. Items necessary for maintaining traffic being measured and paid for separately include:

Pay Item	Pay Unit
Minor Traf Devices	Lump Sum
Barricade, Type III, High Intensity, Lighted, Furn	Each
Barricade, Type III, High Intensity, Lighted, Oper	Each
Sign, Type B, Temp, Prismatic, Furn	Square Foot
Sign, Type B, Temp, Prismatic, Oper	Square Foot

PROGRESS CLAUSE

The Owner anticipates that construction can begin no earlier than

- **May 7, 2019**

In no case shall any work be commenced prior to receipt of formal notice of award by the Department.

The Contractor shall prepare and submit a detailed progress schedule.

The Progress Schedule shall include, at minimum, the controlling work items for the completion of the project as well as the planned dates or work days that these work items will be controlling operations. All contracts dates including open to traffic, project completion, interim completion, and any other controlling dates in the contract, must be included in the progress schedule.

If the bidding Proposal specifies other controlling dates, these shall also be included in the Progress Schedule.

All work shall be conducted during daytime hours. No work on weekends unless pre-approved by the Engineer.

Work must be continuous and progressive.

The Project shall be completed in its entirety including final site restoration and clean-up

- **On or before September 30, 2019**

After award and prior to the start of work, the Contractor must attend a preconstruction meeting with the Engineer. The Engineer will determine the day, time, and place for the preconstruction meeting. The meeting will be conducted after project award and may be rescheduled if there are delays in the award of the project. The named subcontractor(s) for Designated and/or Specialty Items, as shown in the Proposal, should attend the preconstruction meeting if such items materially affect the work schedule.

Liquidated Damages shall be assessed in accordance with Section 108.10 of the 2012 Standard Specifications for Construction.

COORDINATION CLAUSE FOR OTHER CONTRACTS IN VICINITY

The Contractor's attention is called to the requirements of cooperation with others as covered in Article 104.08 of the 2012 Standard Specifications of Construction.

The Contractor shall coordinate their construction and traffic maintenance with the following project:

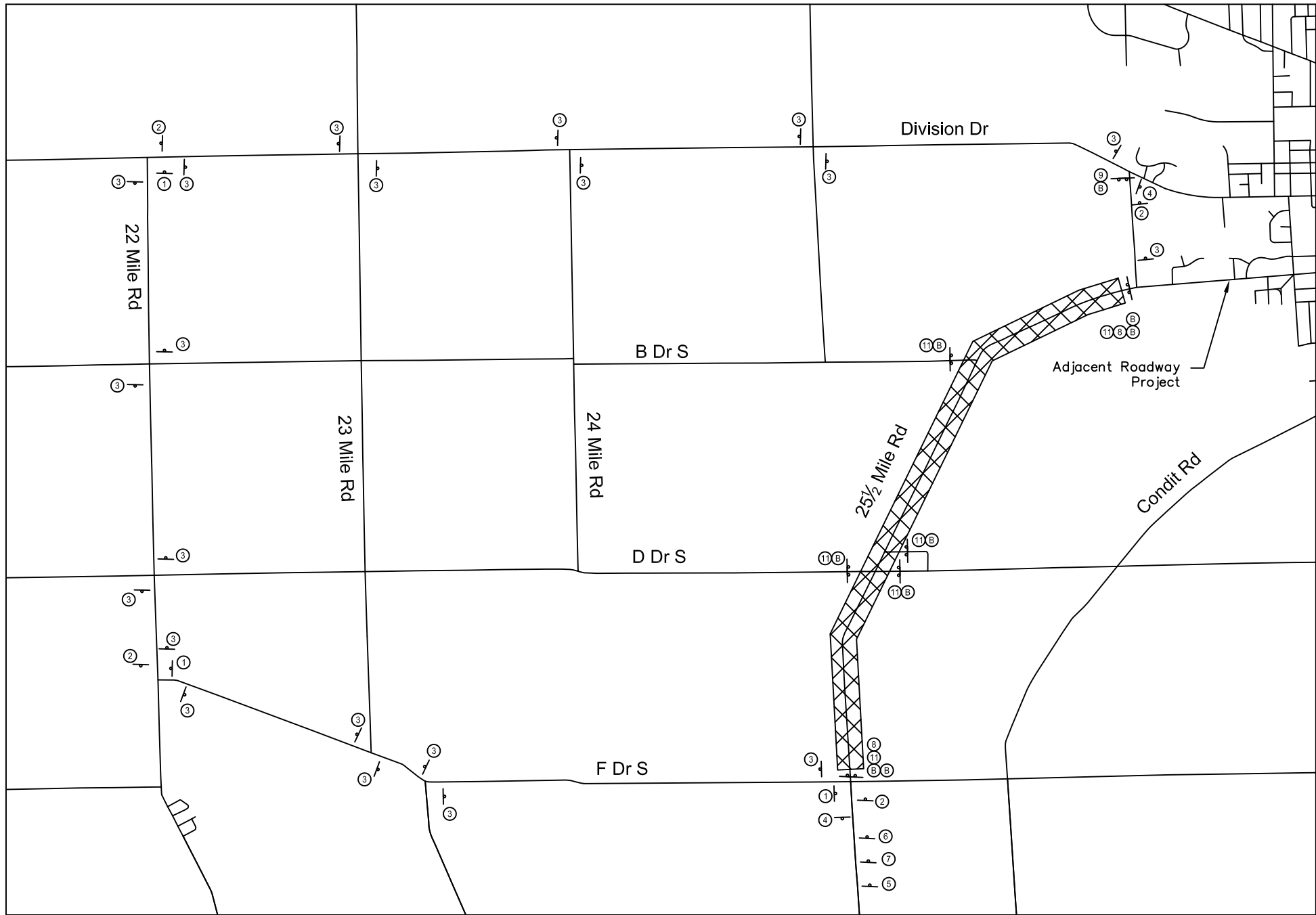
The 2019 reconstruction project on 25 ½ Mile Rd between F Drive S and 27 Mile Rd (Finley Drive) in Albion Township.

No claim for extra compensation or adjustments in contract unit prices will be allowed due to delay caused by other project or failure of others to complete work units as scheduled.

Other unlisted contracts may be under construction and in force during this contract.

The Contractor shall coordinate work with Rieth Riley Construction. The Contractor shall not commence work or erect signing without prior approval of the Calhoun County Road Department.

Contacts: Bill Masura
Project Manager
Rieth Riley Construction
(269) 343-4525



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25 1/2 Mile Road Detour

CONTROL SECT:

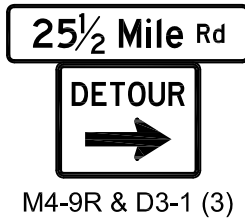
JOB NO:

SCALE: N.T.S.

DATE: 4/16/2019

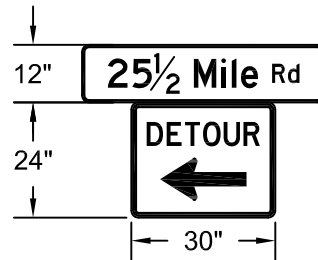
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PAGE: Det-1



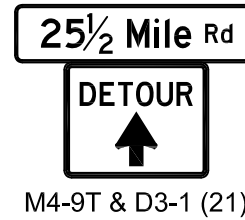
M4-9R & D3-1 (3)

1



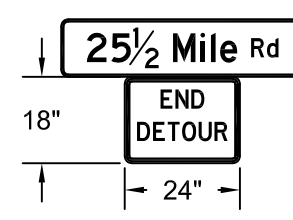
M4-9L & D3-1 (4)

2



M4-9T & D3-1 (21)

3



M4-8a (2)

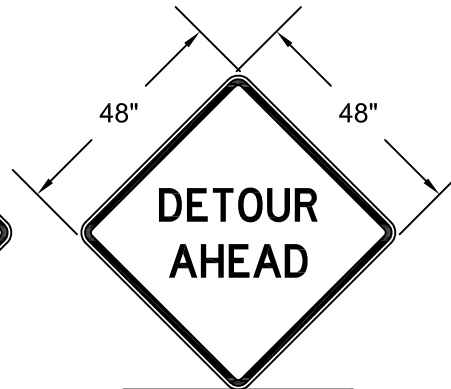
4



25 1/2 Mile Rd

W20-1 (1)

5



25 1/2 Mile Rd

W20-2 (1)

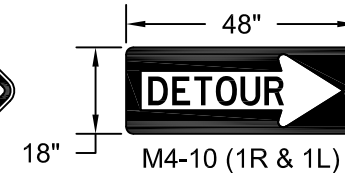
6



25 1/2 Mile Rd

W20-3 (1)

7



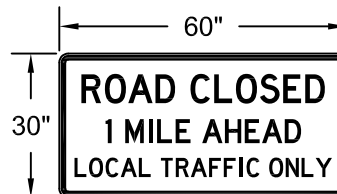
M4-10 (1R & 1L)

8



R11-3a (1)

9



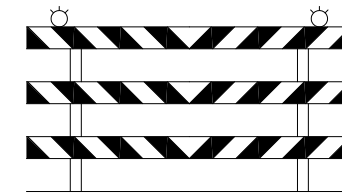
R11-3a (0)

10



R11-4 (6)

11



TYPE III BARRICADE (9)

B



Calhoun County Road Department

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13300 15 Mile Road, Marshall, MI 49068 (269) 781-9841

25 1/2 Mile Rd Detour Signs

CONTROL SECT:

JOB NO:

SCALE: N.T.S.

DATE: 4/16/2019

DRAWN BY: BJK

PAGE: Det-2