

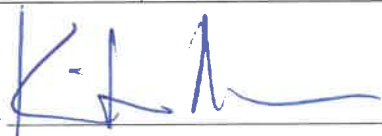
# WEXFORD COUNTY ROAD COMMISSION

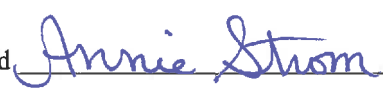
## BID TABULATION SHEET

DATE: 04/19

TIME: 2:0

<u>Bidder</u>						
Elmers	\$ 586,891.00					
Miller Contracting	\$ 737,250.00					
Rieth Riley	\$ 591,117.50					

Present at Bid 

Present at Bid 

## Wexford County Road Commission Itemized Bid Form

Bids Due: Wednesday, April 12, 2023 @ 2:00 PM

### Boon Road Crushing & Shaping, Cold Milling and Resurfacing

Item Number	Item Description	Estimated Quantity	Unit	Team Elmers		Rieth Riley		Miller Contracting	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1500001	Mobilization	1	LSUM	\$25,725.00	\$25,725.00	\$34,600.00	\$34,600.00	\$40,000.00	\$40,000.00
2040050	Pavt, Rem	1,550	Syd	\$7.05	\$10,927.50	\$3.65	\$5,657.50	\$20.00	\$31,000.00
3020001	21 AA Aggregate Base	750	Ton	\$27.35	\$20,512.50	\$30.00	\$22,500.00	\$60.00	\$45,000.00
3050002	HMA Base Crushing and Shaping, Mod	19,000	Syd	\$2.70	\$51,300.00	\$1.50	\$28,500.00	\$4.00	\$76,000.00
3070001	Approach, CI I	65	Ton	\$15.00	\$975.00	\$21.00	\$1,365.00	\$41.00	\$2,665.00
3070002	Trenching	21	Sta	\$105.00	\$2,205.00	\$10.00	\$210.00	\$500.00	\$10,500.00
3070021	Approach, CI II	15	Ton	\$23.50	\$352.50	\$25.00	\$375.00	\$41.00	\$615.00
3070121	Shoulder, CI II, CIP	415	Ton	\$23.50	\$9,752.50	\$25.00	\$10,375.00	\$41.00	\$17,015.00
4030005	Dr Structure Cover, Adj, Case 1	7	Ea	\$400.00	\$2,800.00	\$700.00	\$4,900.00	\$500.00	\$3,500.00
4030065	Dr Structure Cover, Type Q	2	Ea	\$1,000.00	\$2,000.00	\$650.00	\$1,300.00	\$500.00	\$1,000.00
5010002	Cold Milling HMA Surface	4,500	Syd	\$2.95	\$13,275.00	\$4.60	\$20,700.00	\$5.50	\$24,750.00
5010051	HMA, 4E3	5,500	Ton	\$76.30	\$419,650.00	\$80.00	\$440,000.00	\$82.55	\$454,025.00
8070095	Post, Mailbox	2	Ea	\$200.00	\$400.00	\$145.00	\$290.00	\$100.00	\$200.00
8110114	Pavt Mrkg, Polyurea, 24" Stop Bar	140	Lft	\$10.15	\$1,421.00	\$10.00	\$1,400.00	\$10.00	\$1,400.00
8110231	Pavt Mrkg, Waterborne, 4 Inch, White	10,500	Lft	\$0.20	\$2,100.00	\$0.19	\$1,995.00	\$0.19	\$1,995.00
8110232	Pavt Mrkg, Waterborne, 4 Inch, Yellow	3,800	Lft	\$0.20	\$760.00	\$0.20	\$760.00	\$0.20	\$760.00
8110405	Pavt Mrkg, Polyurea, Lt Turn Arrow	2	Ea	\$167.00	\$334.00	\$165.00	\$330.00	\$165.00	\$330.00
8110410	Pavt Mrkg, Polyurea, Only	2	Ea	\$167.00	\$334.00	\$165.00	\$330.00	\$165.00	\$330.00
8110411	Pavt Mrkg, Polyurea, Railroad Sym	3	Ea	\$252.50	\$757.50	\$250.00	\$750.00	\$250.00	\$750.00
8110417	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow	2	Ea	\$197.00	\$394.00	\$195.00	\$390.00	\$195.00	\$390.00
8110418	Pavt Mrkg, Polyurea, Thru Arrow	2	Ea	\$151.75	\$303.50	\$150.00	\$300.00	\$150.00	\$300.00
8127051	Traffic Control	1	LSUM	\$19,400.00	\$19,400.00	\$13,000.00	\$13,000.00	\$23,925.00	\$23,925.00
8210001	Monument Box	1	Ea	\$606.00	\$606.00	\$545.00	\$545.00	\$400.00	\$400.00
8210010	Monument Preservation	1	Ea	\$606.00	\$606.00	\$545.00	\$545.00	\$400.00	\$400.00
		<b>Total Bid:</b>			<b>\$586,891.00</b>		<b>\$591,117.50</b>		<b>\$737,250.00</b>

HARRY HAGSTROM, CHAIRMAN  
HAROLD FALAN, VICE-CHAIRMAN  
DEAN JURIK, MEMBER  
JIM LEGGETT, MEMBER  
ROBERT HILTY, MEMBER

85 WEST HIGHWAY M-115  
BOON, MICHIGAN 49618  
PHONE: 231-775-9731  
FAX 231-775-9732

# WEXFORD COUNTY ROAD COMMISSION

*OUR MISSION IS TO IMPROVE AND MAINTAIN A SAFE AND EFFICIENT ROAD SYSTEM*

April 3, 2023

## NOTICE TO CONTRACTORS AND MATERIAL SUPPLIERS

Sealed bids will be received at the office of the Wexford County Road Commission, 85 West Highway M-115, Boon, Michigan 49618 until 2:00 p.m. Wednesday, April 12, 2023, at which time and place the bids will be opened and read for furnishing the Wexford County Road Commission for construction of the following:

### **BOON ROAD CRUSH & SHAPE, COLD MILLING AND HMA RESURFACING.**

Specifications are available at [www.wexfordcrc.org](http://www.wexfordcrc.org) and at the Road Commission office in Boon, Michigan. Telephone or faxed bids will not be accepted.

All materials and all work will be in accordance with the 2012 MDOT Standard Specifications for Construction.

Insurance requirements shall be in accordance with the 2012 MDOT Standard Specifications for Construction.

The Wexford County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Sub Title A, Office the Secretary, Part 21, Nondiscrimination 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 contact entered into pursuant to this advertisement, minority business enterprises 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, or national origin in consideration for an award.

The Board reserves the right to reject any or all bids or any part of the same, to waive irregularities and/or informalities and to make the award in part or entirety in any manner deemed to be in the best interest of the Wexford County Road Commission. Contractors / suppliers that do not honor their bid through out the season may at WCRC discretion be precluded from future bid lettings.

Wexford County Road Commission

Harry Hagstrom, Chairman  
Harold Falan, Vice-Chairman  
Dean Jurik, Member  
Jim Leggett, Member  
Robert Hilty, Member

the POE. This closure will greatly affect the businesses at the intersection of Mitchell Street, as there is only one access to the Little Caesar's strip mall, on the north side. Access to this strip mall must be maintained at all times. Traffic for Home Depot and Harbor Freight will be routed to the north access on Mitchell St. and the access road from Boon Rd will be closed. WCRC is allowing 4 days of road closure to complete the work at the intersection. The work includes cold milling, structure adjustment, and HMA resurfacing.

The contractor must submit a traffic control plan detailing how to keep the access to businesses.

## **Phase II**

The west section, from the POB (Sta 158+00) to the GLC Railroad crossing (Sta 199+00) is proposed as a crush and shape with shoulder widening. WCRC has proposed a road closure to through traffic for this work. The limits of road closure will be from the POB to the GLC Railroad crossing, allowing access to the businesses at the Mitchell Street intersection. The closure will allow access only from the west, with a complete road closure from the east. Barricades will be set at the GLC Railroad crossing to close east bound traffic. WCRC is allowing 8 days of road closure for this work. Access to all businesses must be maintained at all times. Work to be completed after the 8 days will be performed under a lane closure with flag control. The contractor must submit a traffic control plan detailing how to keep the access to businesses.

The entire project must be completed on or before the final project completion date of **August 15, 2023**. Failure to complete all pay items by the completion date will result in the Contractor being assessed Liquidated Damages in accordance with Section 108.10 of the 2012 Standard Specifications for Construction.

Work delays due to "Labor disputes" as shown in Section 108.08.C.6 of the MDOT 2012 Standard Specifications for Construction will not be considered as an "excusable delay without liquidated damages" in the granting of time extensions to the completion date for the project. The Contractor will be assessed Liquidated Damages in accordance with Section 108.10 of the MDOT 2012 Standard Specifications should the project work be delayed due to a labor dispute.

After award and prior to the start of the work, the Contractor must attend a preconstruction meeting with the Engineer and the Owner (Wexford County Road Commission) at the WCRC. The Engineer will arrange the day and time for the meeting.

## **General Project Notes:**

The Engineer will establish exact limits of operations in the field prior to work. The POB will be Sta 158+00 (west of joint) to remove the vertical and horizontal HMA tapers of the previous project.

Some of the commercial driveways along the project have concrete curbs. The existing curbs are to remain in place. RAP will be graded with a 4" reveal along the curbs. The grade transition for the reveal will be in the shoulder only, and not in the drive lane. Tapers to begin 50' from end of curbs.

Surfacing material shall be HMA, 4EML placed in 2 lifts of 220 Lbs/Syd each. Top course of HMA to have AWI of 260. All HMA will be limited to Tier 1 on RAP. The binder shall be PG 64-28.

Bond coat to be applied to areas of paving at a rate of 0.05 to 0.15 Gal/syd.

**Wexford County Road Commission Itemized Bid Form**  
**Bids Due: Wednesday, April 12, 2023 @ 2:00 PM**

**Boon Road Crushing & Shaping, Cold Milling and Resurfacing**

Item Number	Item Description	Estimated Quantity	Unit	Unit Price	Amount
1500001	Mobilization	1	LSUM		
2040050	Pavt, Rem	1,550	Syd		
3020001	21 AA Aggregate Base	750	Ton		
3050002	HMA Base Crushing and Shaping, Mod	19,000	Syd		
3070001	Approach, CII	65	Ton		
3070002	Trenching	21	Sta		
3070021	Approach, CIII	15	Ton		
3070121	Shoulder, CIII, CIP	415	Ton		
4030005	Dr Structure Cover, Adj, Case 1	7	Ea		
4030065	Dr Structure Cover, Type Q	2	Ea		
5010002	Cold Milling HMA Surface	4,500	Syd		
5010051	HMA, 4E3	5,500	Ton		
8070095	Post, Mailbox	2	Ea		
8110114	Pavt Mrkg, Polyurea, 24" Stop Bar	140	Lft		
8110231	Pavt Mrkg, Waterborne, 4 Inch, White	10,500	Lft		
8110232	Pavt Mrkg, Waterborne, 4 Inch, Yellow	3,800	Lft		
8110405	Pavt Mrkg, Polyurea, Lt Turn Arrow	2	Ea		
8110410	Pavt Mrkg, Polyurea, Only	2	Ea		
8110411	Pavt Mrkg, Polyurea, Railroad Sym	3	Ea		
8110417	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow	2	Ea		
8110418	Pavt Mrkg, Polyurea, Thru Arrow	2	Ea		
8127051	Traffic Control	1	LSUM		
8210001	Monument Box	1	Ea		
8210010	Monument Preservation	1	Ea		
				<b>Total Bid:</b>	

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Bidders Name & Title: \_\_\_\_\_

Bidders Signature: \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_

The Board reserves the right to accept or reject any or all bids and to accept the bids it feels is in the best interest of the Wexford County Road Commission.

**SPECIAL PROVISION  
FOR  
MAINTAINING TRAFFIC**

*KEM / WCRC*

*2 of 2*

*1-18-23*

**Traffic Restrictions:**

All work shall be confined to daylight hours. No work shall be permitted on Sundays, holidays, holiday weekends, or during special events. A minimum of one lane of traffic shall be maintained at all times, except where noted in the plans. Current MDOT signing sequences shall be utilized for the operation being performed.

A closure of Boon Road between 39 Rd and Mitchell Street will be allowed for expediting this project. Through traffic will be detoured in accordance with the detour signing plan. Local traffic shall be maintained at all times. Commercial and residential driveways shall remain accessible at all times. The contractor shall provide 48-hour notice prior to implementation of the detour.

**Measurement and Payment:**

The completed work for Traffic Control, including all labor, materials, and equipment as required, shall include, but not be limited to, the following items as described in the 2012 MDOT Standard Specifications for Construction:

Barricade, Type III, High Intensity, Double sided, Lighted  
Sign, Type B, Temp, Prismatic  
Sign Covers

These items will not be paid for separately, but will be included in and paid for at the unit price for the following contract pay item:

Pay Item

Unit

*Traffic Control*

*LSUM*

WEXFORD COUNTY ROAD COMMISSION  
SPECIAL PROVISION  
FOR  
HMA BASE CRUSHING AND SHAPING - MODIFIED

KPM:KEM

1 of 1

03-03-2022

**a. Description:**

This work shall be done in accordance with the requirements of sections 302 and 305 of the 2012 Edition of the Michigan Department of Transportation Standard Specifications for Construction, except as specified herein.

The work shall consist of constructing an aggregate base course utilizing salvaged crushed material from this project where called for in the plans.

**b. Materials**

The crushed HMA material shall be a uniformly blended mixture of crushed HMA material and salvaged aggregate sized as listed for crushed material under Section 305.03B of the 2012 Standard Specifications.

**c. Construction Methods:**

After placing 21AA aggregate base on the existing HMA, uniformly crush the existing HMA pavement, including 2 inches of the underlying aggregate base to the required width and depth. Remove the crushed material mixture and stockpile within the Airport property, where approved by the Engineer. Following completion of the trenching on the south side (Sta 158+00 to 178+33), the crushed base shall be placed in the trench to a 3 inch depth and compacted on the prepared grade in accordance with the plans and Section 305.03 of the 2012 MDOT Standard Specifications.

**d. Measurement and Payment:**

The completed work for constructing **HMA Base Crushing and Shaping - Modified** including all labor, equipment, and material will be paid for at the contract unit price for the following contract item (Pay item):

**Pay Item**

**Unit**

HMA Base Crushing and Shaping - Modified

Square Yard

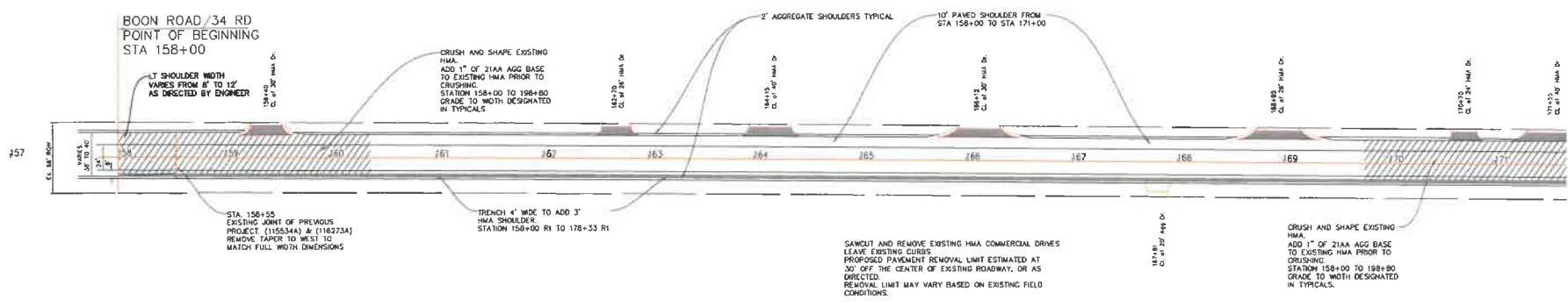
Payment for **HMA Base Crushing and Shaping - Modified** includes crushing the existing pavement; removing, hauling, and stockpiling the blended crushed material following crushing and mixing; and hauling, spreading, shaping, and compacting the material on the final grade. Any water needed to obtain the required density will be included.







BOON ROAD /34 RD  
POINT OF BEGINNING  
STA 158+00



APPROACH GRADE AND SURFACE QUANTITIES (This sheet)				
Station	Pavt Rem. (SqYds)	Approach, CI (Ton)	Approach, CI (Ton)	HMA, (4EML) (Ton)
158+00 Lt	35	4		8
164+55 Lt	27	3		6
164+55 Rt	43	2		9
166+32 Lt	47	4		10
167+81 Rt			6	
168+05 Lt	49	4		11
170+70 Lt	25	4		6
<b>Totals</b>	<b>234</b>	<b>21</b>	<b>6</b>	<b>49</b>

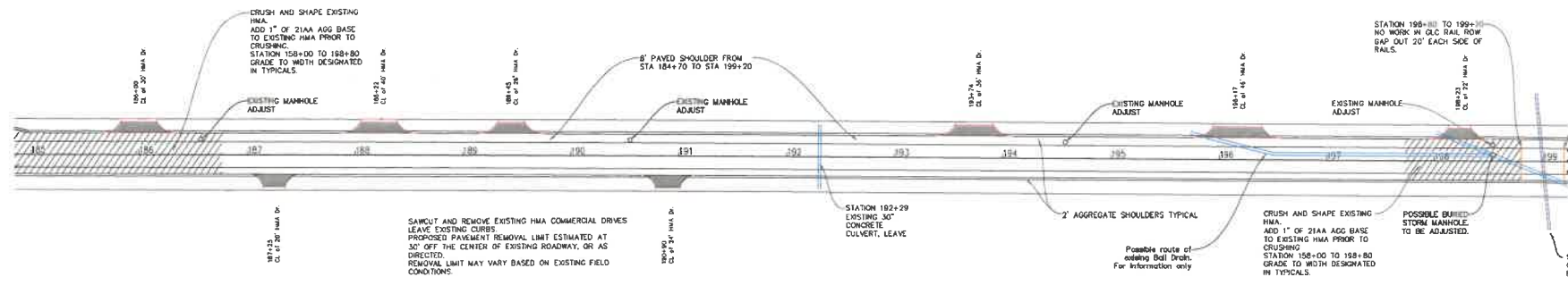
CONSTRUCTION QUANTITIES THIS SHEET	
Station 158+00 to 171+00	
13	Sq. Trenching
250	Ton 21AA Aggregate Base
6000	Syd HMA Base Crushing and Shaping, Modified
132	Toe Shoulder, CI II, CIP
1380	Ton HMA, 4EML

3 WORKING DAYS  
BEFORE YOU DIG  
CALL MISS DIG  
800-482-7171  
OR 811



34 ROAD - STA 158+00 TO STA 171+00

DATE	TOWNSHIP	JOB NO.	SHEET NO.
1/17/2023	HARING		4



APPROACH GRADE AND SURFACE QUANTITIES (This sheet)

Station	Pave Rem. (Sq Ft)	Approach (Ct 1) (Sq Ft)	Approach (Ct 2) (Sq Ft)	HMA REM. (Ct 1) (Sq Ft)	HMA REM. (Ct 2) (Sq Ft)
185+00 LI	49	3			
187+30 RL	37	2			
187+30 LI	51	3			
188+80 LI	40	2			
188+80 RL	40	2			
189+24 LI	51	3			
189+24 RL	62	3			
198+29 LI	36	2			
<b>Totals</b>	<b>386</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>

CONSTRUCTION QUANTITIES THIS SHEET  
Station 185+00 to 199+00

208	Tons	21AA Aggregate Base
8800	Syd.	HMA Base Cracking and Shaping, Modified
130	Ton	Shoulder, Ct 1, CIP
1300	Ton	HMA REM.
4	EA.	Dr Structure Cover, Adj, Case 1

3 WORKING DAYS  
BEFORE YOU DIG  
CALL MISS DIG  
800-482-7171  
OR 811



34 ROAD - STATION 185+00 TO 198+80

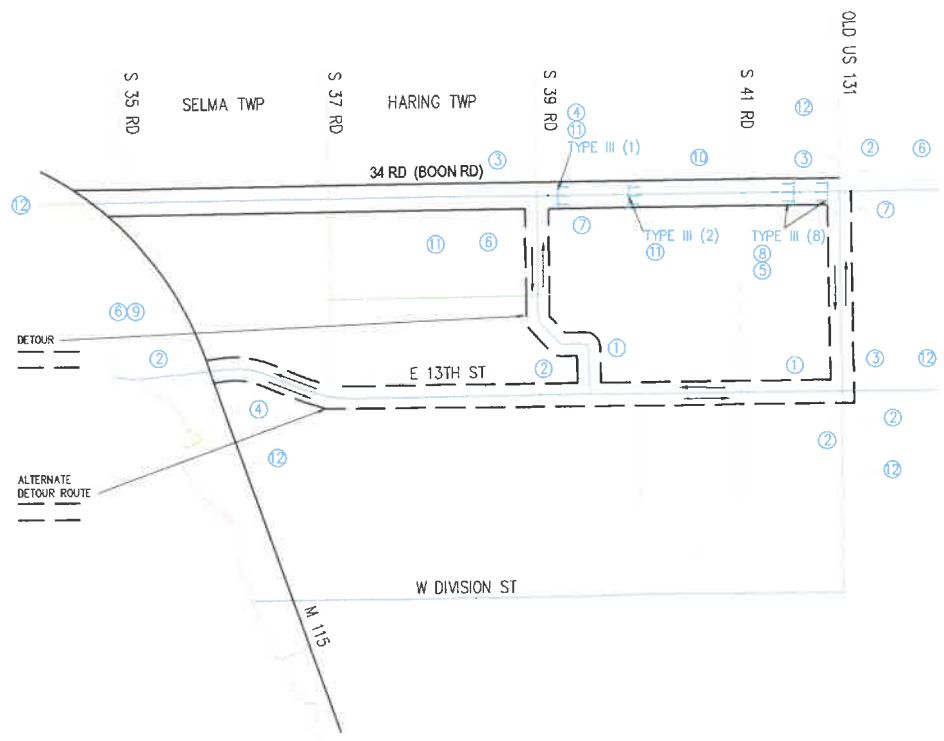
DATE	TOWNSHIP	JOB NO.	SHEET NO.
1/17/2023	HARING		6

PLACING OF TEMPORARY TRAFFIC CONTROL ITEMS SHALL BE DONE IN ACCORDANCE WITH THE 2011 EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS REVISED.

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS, AS AMENDED.

THE PROPOSED IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH SECTION C, RESURFACING, RESTORATION AND REHABILITATION (3R) OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS GUIDELINES FOR GEOMETRICS DATED AUGUST 26, 2008.

ROAD CLOSURE/DETOUR SIGNING PLAN  
 34 ROAD (BOON ROAD)  
 ROAD CLOSURE  
 BETWEEN 39 ROAD & MITCHELL STREET



MMUTCD DESIGN	LEGEND	QUANTITY	SIZE
① M4-9(RT)	DETOUR RIGHT	2	30" x 24"
② M4-9(LT)	DETOUR LEFT	5	30" x 24"
③ M4-9(ST)	DETOUR STRAIGHT	3	30" x 24"
④ M4-10(RT)	DETOUR RIGHT	2	48" x 18"
⑤ M4-10(LT)	DETOUR LEFT	1	48" x 18"
⑥ W20-2	DETOUR AHEAD	3	36" x 36"
⑦ M4-8a	END DETOUR	2	24" x 18"
⑧ R11-2	ROAD CLOSED	1	48" x 30"
⑨ D3-VAR 1	BOON ROAD	1	30" x 12"
⑩ W20-1	ROAD WORK AHEAD	1	48" x 48"
⑪ R11-3a	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY	3	60" x 30"
⑫ R11-VAR1	BOON ROAD CLOSED FOLLOW DETOUR	5	60" x 30"
	BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED	12	

BOON RD  
 CLOSED  
 FOLLOW DETOUR

BOON ROAD

⑪  
 R11-VAR1  
 60" x 30"  
 4" "C" LETTERS  
 BLACK ON ORANGE

⑨  
 D3-VAR1  
 30" x 12"  
 6" "C" LETTERS  
 BLACK ON ORANGE

NO SCALE  WEXFORD COUNTY ROAD COMMISSION

DATE: 1/17/2022

34 ROAD HARING TOWNSHIP ROAD CLOSURE/DETOUR SIGNING PLAN

JOB NO. SHEET NO. TOTAL  
 \_\_\_\_\_ 8 8