MASON COUNTY ROAD COMMISSION

William Schwass, Chairman
Michael Ingison, Vice-Chairman
Jeff Conklin, Member

Mary Samuels, Manager/Director
Eric Nelson P.E., County Highway Engineer

2023 JEBAVY DRIVE RECONSTRUCTION – US10 TO BRYANT

Addendum #2 – March 24, 2022

Please see the revised; 2023 Jebavy Drive Plans, Proposal and Anticipated Staging for Jebavy Drive Project. The project completion date was changed from 5 week to 6 weeks (under detour). HMA cold milling of intersections was changed from full depth to 1.5". Clarification on the cold milling on Jebavy Drive is full depth from curb to curb. Anticipated Staging for Jebavy Drive project updated the completion date, cold-milling on intersections 1.5" and water shutoff, adj. pay item.

Please acknowledge receipt of Addendum #2 and return this to the MCRC prior to bidding. Failure to acknowledge the Addendum #2 shall be a basis for rejection of the bid.

Company:_____

Address:_____

Email: _____

Business Phone:_____

Signature:_____Date_____

Eric R. Nelson, P.E.
County Highway Engineer

510 E. State St., PO Box 247, Scottville MI 49454-0247 I www.masoncountyroads.com
Office: (231) 757-2882 I Fax: (231) 757-2662 I e-mail: info@masoncountyroads.com

ADDENDUM #2

PROPOSAL

2023 JEBAVY DRIVE RECONSTRUCTION – US-10 TO BRYANT ROAD

To: Board of Mason County Road Commission
510 East State Street
P.O. Box 247
Scottville, Michigan 49454-0247

Gentlemen:

The undersigned Contractor submits the following unit prices for the Hansen Road Reconstruction project in Mason County. All unit prices shall be firm for the 2023 Jebavy Drive Reconstruction – US-10 to Bryant Road project, MDOT 2012 Standard Specifications shall apply, as modified herein and by the attached special provisions.

A. BID ITEMS

Refer to the Bid Item Sheet, which shall be included as part of this bidding document.

B. PAYMENT TERMS:

Payments will be made on a bi-weekly basis. Final payment will be within 30 days of the final acceptance of the work and the Contractor and Project Engineer agreeing on final quantities. The Contractor shall provide all certifications of materials to the Project Engineer prior to final payment.

C. Completion Date: The project shall not start before July 5, 2023, due to utility relocations. Once the Contractor starts the project, the work (under detour) shall be continuous and shall be completed within 6 consecutive weeks, but no later than September 1, 2023 . This gives the Contractor flexibility as to the starting date of this project. The Mason County Road Commission reserves the right to add or delete bid quantities. Adjustment in unit prices shall be in accordance with MDOT Specifications Section 103.

Submitted by: _____

Address: _____

Email: _____

Office Phone: _____ Cell: _____

Signature: _____ Date: _____

Bids shall be e-mailed to enelson@masoncountyroads.com or submitted in a sealed envelope, plainly marked as to contents. The right is reserved by the Mason County Road Commission, to reject any and all bids, and to accept the bid that is in the best interest of the County.

Closing Date 2:00 pm, Friday, March 31, 2023

ADDENDUM #2

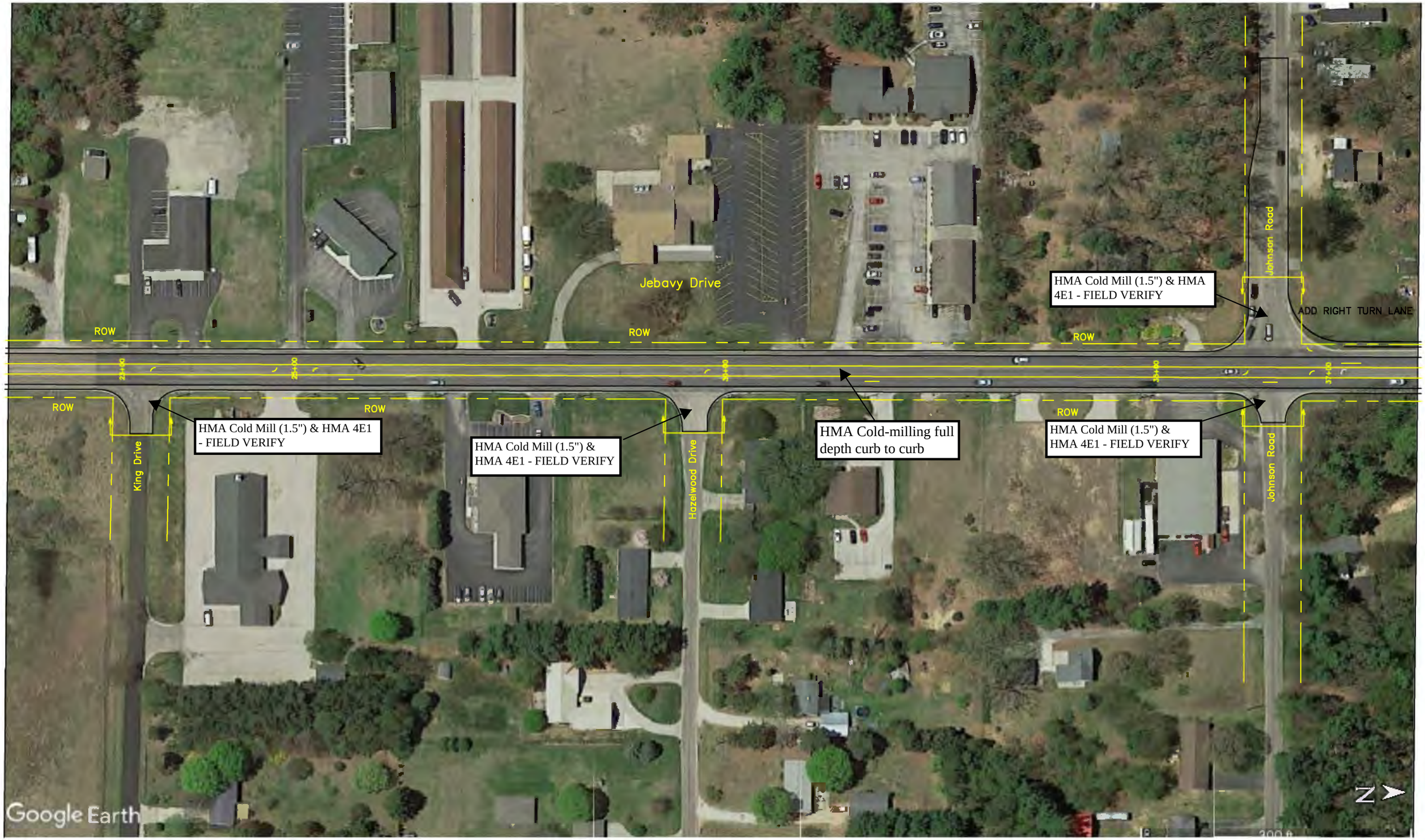
ANTICIPATED STAGING FOR JEBAVY DRIVE PROJECT

1. Anticipated start date is July 5, 2023, due to utility relocations.
    a. Start date may be adjusted to June 12th +/- **IF** all utilities have been relocated **AND** the LAS Elementary School is on Summer Break. Jebavy Drive from US-10 to Bryant Road **MUST** be open to traffic for the July 1st through 4th Holiday weekend.
2. Set up construction signs and detour route Jebavy Drive between Johnson Road & Bryant Road.
3. Remove Concrete Curb & Gutter as shown in the plans.
4. Install new Dr. Structures & Storm Sewer as shown in the plans.
5. Earth, Excavation, Embankment and prepare sand subbase for new concrete C&G & place aggregate base, 7" thick in turn lanes (widening areas)
6. Pour Concrete Curb & Gutter (F6)
7. Remove existing manhole covers located within the HMA paving limits and place metal plates.
    a. Contractor is responsible to witness all manhole locations.
    b. Engineer will also witness all manhole locations.
8. Cold Milling HMA Surface curb to curb full depth (Intersections 1.5" deep)
9. Finish Grade, water & compact existing aggregate base.
    a. Any areas that the aggregate base fails during finish grading, water, & compact, replace with aggregate base 7" thick.
    b. Any areas that needs additional aggregate base will be paid by the ton.
10. Place HMA 4E1 Leveling (220#/Syd) mainline & approaches.
11. Topsoil, seed, fertilize & mulch all disturbed areas.
12. Open Jebavy Drive Johnson to Bryant to local traffic only.
13. Set up construction signs and detour route Jebavy Drive between US-10 & Johnson Road.
14. Remove existing manhole covers located within the HMA paving limits and place metal plates.
    a. Contractor is responsible to witness all manhole locations.
    b. Engineer will also witness all manhole locations.
15. Cold Milling HMA Surface curb to curb full depth (Intersections 1.5" deep)
16. Finish Grade, water & compact existing aggregate base.
    a. Any areas that the aggregate base fails during finish grading, water, & compact, replace with aggregate base 7 inch.
17. Place HMA 4E1 Leveling (220#/Syd) mainline & approaches.
    a. Adjust Manholes in HMA to 1 3/8"" above leveling course.
    b. Patch all manholes with HMA
        i. **IF utilizing pay item Dr. Structure Cover, Adj. Case 1**
        ii. **IF utilizing pay item Water Shutoff, Adj, Case 1**
18. Place HMA 4E1 Surface (165#/Syd) from US-10 to Bryant Road, mainline & approaches.
    a. **All Flag Control is included in Minor Traffic Devices**
19. Core all Manholes & Water Valve Boxes in HMA Surface and place concrete color per Special Provision.
        i. **IF utilizing pay item Dr. Structure Cover, Adj. Case 1 – Modified**
        ii. **IF utilizing pay item Water Shutoff, Adj, Case 1 - Modified**
20. Place all waterborne pavement markings, left turn arrows, right turn arrows, etc.
21. Open Jebavy Drive to Traffic no later than September 1, 2023

ADDENDUM #2

Jebavy Drive
HMA Cold-milling
full depth curb to curb
POB
ROW
ROW
ROW
ROW
US-10
10+00
P.O.B. 10+00
18+60
24+42
N Jebavy Dr
HMA Cold Mill (1.5") & HMA
4E1 - FIELD VERIFY
W King Dr
King Drive

ADDENDUM #2


Jebavy Drive
ROW
ROW
ROW
Johnson Road
HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
ADD RIGHT TURN LANE
24+00
25+00
30+00
34+00
37+00
ROW
ROW
ROW
ROW
King Drive
Hazelwood Drive
Johnson Road
HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
HMA Cold-milling full depth curb to curb
HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
Google Earth
N

ADDENDUM #2

HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
ADD RIGHT TURN LANE
HMA Cold-milling full depth curb to curb
HMA Cold Mill (1.5") & HMA 4E1 - FIELD VERIFY
Johnson Road
Jebavy Drive
ROW
37+00
38+00
45+00
50+00
51+00
Google Earth

ADDENDUM #2

Ludington Area Schools Elementary School Complex
Bryant Road (2021 Reconstruction & Add Center Turn Lane)
ROW
ROW
ROW
ROW
ROW
ROW
ROW
Jebavy Drive
HMA Cold-milling full depth curb to curb
DO NOT REMOVE HMA IN THIS AREA- TRAFFIC LOOPS FOR TRAFFIC SIGNAL
Extend Right-Turn Lane for New Elementary School Complex - not enough storage capacity
Google Earth
300 ft
N

ADDENDUM #2

Bryant Road (2021 Reconstruction & Add Center Turn Lane)
ROW
ROW
DO NOT REMOVE HMA THIS AREA - TRAFFIC LOOPS FOR TRAFFIC SIGNAL
POE
Jebavy Drive
ROW
ROW
ROW
ROW
ROW
ROW
ROW
ROW
ROW
HMA Cold-milling full depth curb to curb
Rasmussen Road (2021 Reconstruction)
Google Earth
300 ft

Know what's **below.**
Call before you dig.

Utility locations are approximate only. Please contact "Miss Dig" three working days prior to the start of construction for exact locations. (1–800–482–7171)

NORTH

SCALE: 1" = 20'

N. JEBAVY ROAD
(A VARIABLE WIDTH PUBLIC RIGHT–OF–WAY)

010–012–300–010–00
GEORGE, MARIJEAN, JAMES, JASON USIAK
464 N JEBAVY DR

010–011–400–003–00
LUDINGTON AREA SCHOOL DISTRICT
N JEBAVY DR

010–012–300–011–00
MICHAEL & ANNETTE NEGELE
460 N JEBAVY DR

CAUTION
GAS MAIN

BRINE LINES

MDOT TYPE M
DRIVEWAY OPENING

BM – 645.04
EAST–SOUTHEAST TOP FLANGE BOLT TO HYDRANT UNDER "E" OF "EJIW". LOCATED 32'± EAST OF C/L JEBAVY DR & 330'± NORTH OF C/L JOHNSON RD.

REMOVE
STM CB#1
RIM 642.39
12" CONC INV E 638.49
BOTTOM STRUCTURE 636.79
2'x2' SQ RIM
4' DIA PRECAST STRUCTURE
RIM ON S SIDE OF STRUCTURE

CB #1A – MDOT K Cover
Rim = 642.15
12" Inv. E = 638.50
BTM = 636.50

Place 18' of 12" SLCPP
(Verify inverts)

010–011–400–004–00
OCCIDENTAL CHEMICAL CORPORATION
N JEBAVY DR

RELOCATE
POWER POLE

PROPOSED 12' WIDE
RIGHT-TURN LANE & C&G

010–012–300–012–00
MICHAEL EZDEBSKI
424 N JEBAVY DR

EXISTING C&G

REMOVE
STM CB#2
RIM 643.78
12" CONC INV S 640.48
BOTTOM STRUCTURE 638.63
2'x2' SQ RIM
4' DIA PRECAST STRUCTURE
RIM ON S SIDE OF STRUCTURE
OFFSET HALF WAY

CB #2A – MDOT K Cover
Rim = 643.50
12" Inv. SE = 640.58
BTM = 638.58

Place 19' of 12" SLCPP
(Verify inverts)

Remove and
replace 385' of
MDOT F6 C&G

RELOCATE POWER
POLE & T-COM RISER

CAUTION
GAS MAIN

W. JOHNSON ROAD
(A 66' WIDE PUBLIC RIGHT–OF–WAY)

CONSTRUCTION
LIMITS

CONSTRUCTION
LIMITS

010–014–200–018–00
BRETSCHNEIDER JEBAVY PROP LLC
377 N JEBAVY DR

010–013–100–001–00
BILLIE COLLIER
388 N JEBAVY DR

LEGEND

- SANITARY SEWER (SAN)
- STORM SEWER (STM)
- WATERMAIN (WAT)
- GAS MAIN (GAS)
- UG ELECTRIC (PWR)
- UG TELECOMMUNICATIONS (TELCOM)
- AERIAL UTILITY LINE (AERIAL)
- FENCE
- HOT MIX ASPHALT SURFACE (HMA)

- HYDRANT (HYD)
- WATER VALVE (WV)
- MANHOLE (MH)
- CATCH BASIN (CB)
- UTILITY POLE (UP)
- GUY ANCHOR (GA)
- SAN CLEANOUT (CO)
- GAS METER (GM)
- ELECTRIC METER (EM)
- ELECTRIC BOX (EB)
- TRANSFORMER (TR)
- AIR CONDITIONER (AC)
- TELECOMMUNICATION RISER (TR)
- YARD LIGHT (YL)
- LIGHT POLE (LP)
- LIGHT POLE W/CONC BASE (LPC)

- SURVEY IRON (FOUND)
- SURVEY IRON (SET)
- M - MEASURED DIMENSION
- D - DEEDED DIMENSION
- P - PLATTED DIMENSION
- R - RECORDED DIMENSION
- L - LENGTH
- R - RADIUS
- CB - CHORD BEARING
- C - CHORD DISTANCE
- FIRE PROT. VALVE (FPV)
- UG GAS MARKER (UGM)
- UG TELECOMMUNICATIONS MARKER (UTM)
- UG TELECOMMUNICATIONS BOX (UTB)
- MAILBOX (MB)

PLAN REVISIONS

JEBAVY DRIVE AT JOHNSON ROAD
TOPOGRAPHICAL SURVEY
OF PART OF
SECTIONS 11, 12, 13, 14, TOWN 18 NORTH, RANGE 18 WEST
PERE MARQUETTE TOWNSHIP, MASON COUNTY, MICHIGAN

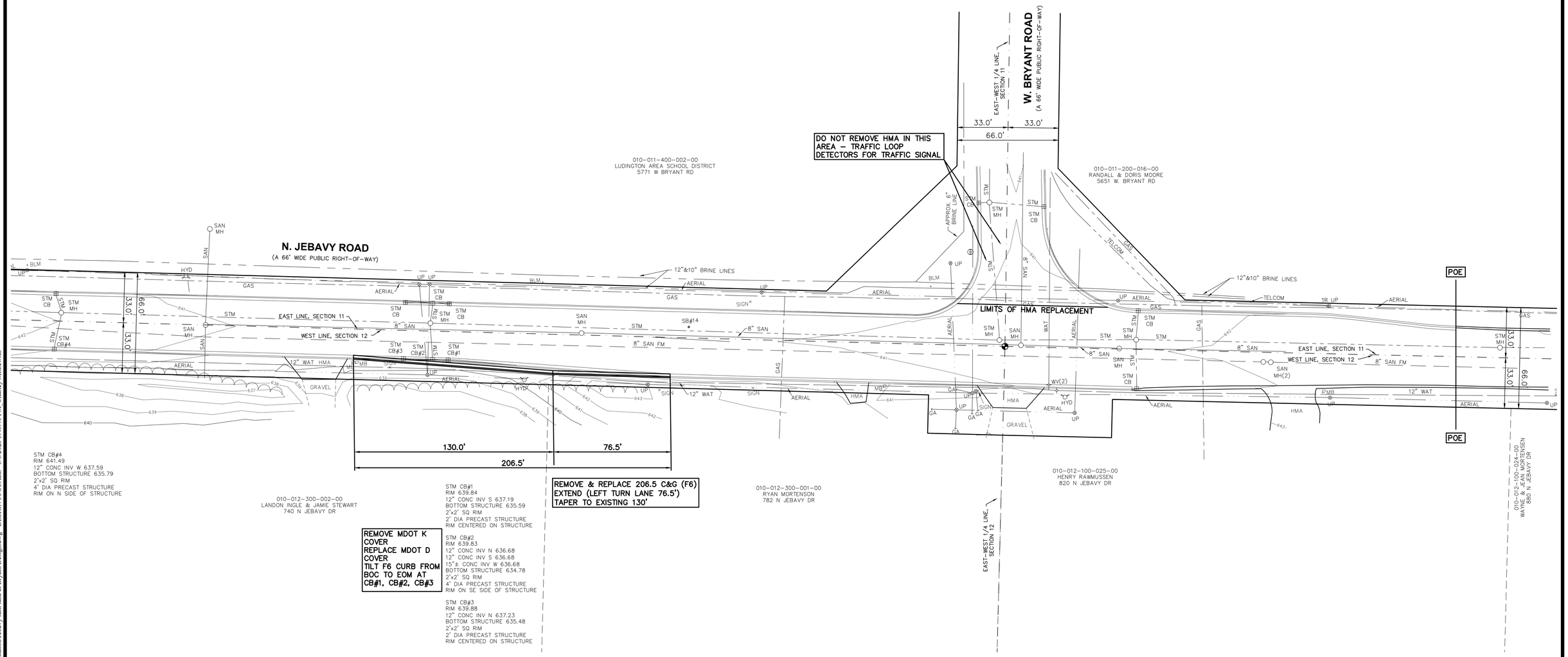
MASON COUNTY ROAD COMMISSON
510 E. STATE STREET
P.O. BOX 147
SCOTTVILLE, MI. 49454
(231) 757–2882

SURVEY CREW / DATE:	CEM LAW / 4–20–22
DRAWN BY:	CEM
CHECKED BY:	ERN
CONTACT INFO:	info@masoncountyroads.com
DESIGN DATE:	MARCH 2, 2023
PROJECT:	BRYANT N JEBAVY
	1 OF 1

S:\ENGINEER\Documents\2023 Projects\2023 Category F Grant - Jebavy Drive\Design Information\Jebavy turn lane at Johnson Design.dwg - DESIGN 20 SCALE - 3/3/2023 8:35:28 AM_Charley Miszewski

S:\ENGINEER Documents\2023 Projects\2023 Category F Grant - Jebavy Drive\Design Information\Jebavy turn lane at Bryant Design.dwg - DESIGN 30 SCALE - 3/6/2023 3:48:40 PM, Charley Mieszwski

NORTH
SCALE: 1" = 30'



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LEGEND

- SANITARY SEWER (SAN)
- STORM SEWER (STM)
- WATERMAIN (WAT)
- GAS MAIN (GAS)
- UG ELECTRIC (PWR)
- UG TELECOMMUNICATIONS (TELCOM)
- AERIAL UTILITY LINE (AERIAL)
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- MAILBOX (MB)

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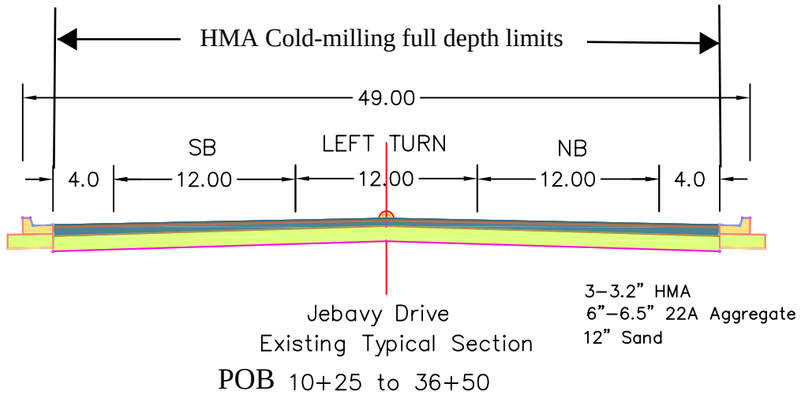
JEBAVY DRIVE AT BRYANT ROAD
TOPOGRAPHICAL SURVEY
OF PART OF
SECTION 11 & 12, TOWN 18 NORTH, RANGE 18 WEST
PERE MARQUETTE TOWNSHIP, MASON COUNTY, MICHIGAN

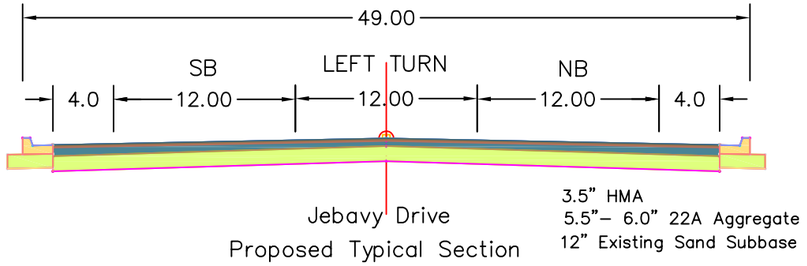
MASON COUNTY ROAD COMMISSION
510 E. STATE STREET
P.O. BOX 147
SCOTTVILLE, MI. 49454
(231) 757-2882

SURVEY CREW / DATE: CEM LAW / 4-20-22
DESIGN DRAWN BY: ERN
CHECKED BY: ERN
CONTACT INFO: info@masoncountyroads.com
DESIGN DATE: MARCH 3, 2023
PROJECT: BRYANT N JEBAVY

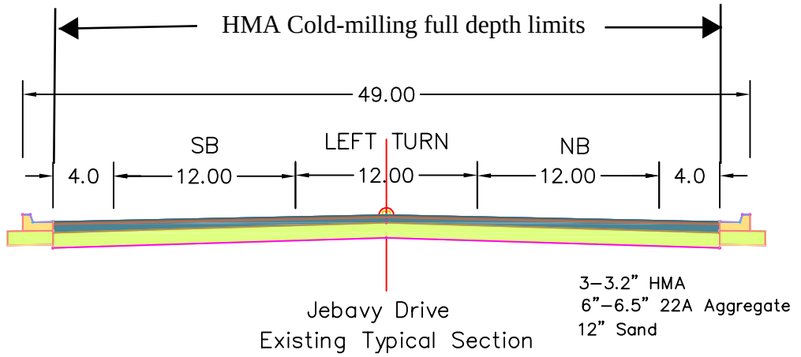
ADDENDUM #2



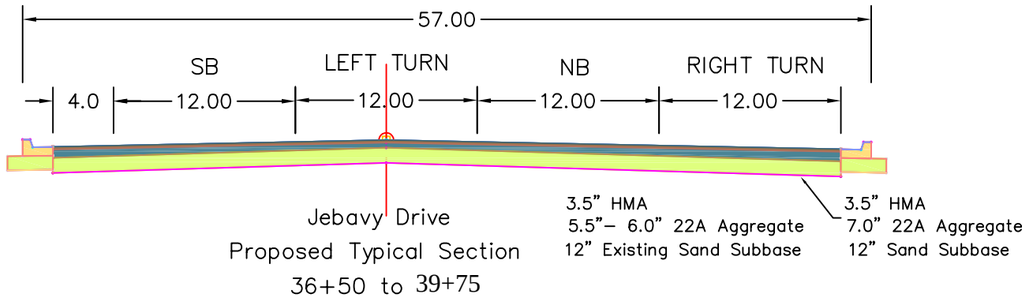
POB 10+25 to 36+50



POB 10+25 to 36+50

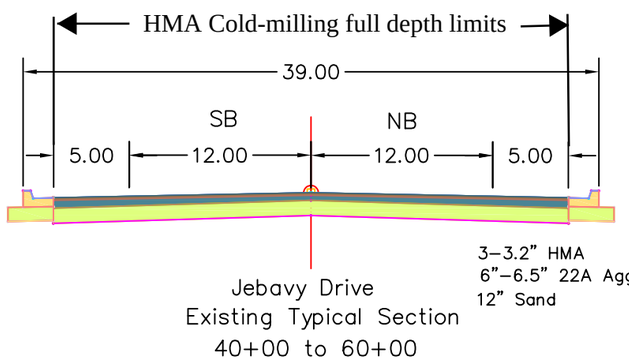


36+50 to 40+00

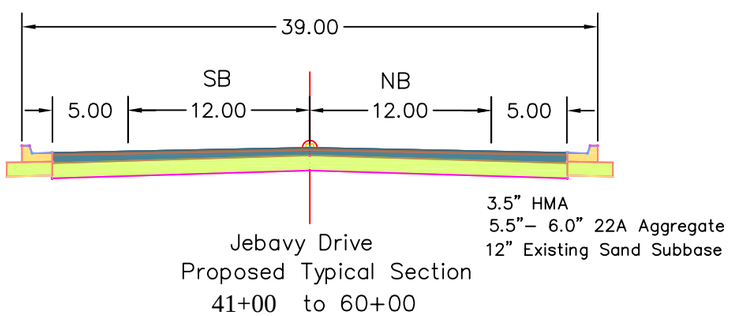


36+50 to 39+75

** Taper from 39+75 to 41+00



40+00 to 60+00

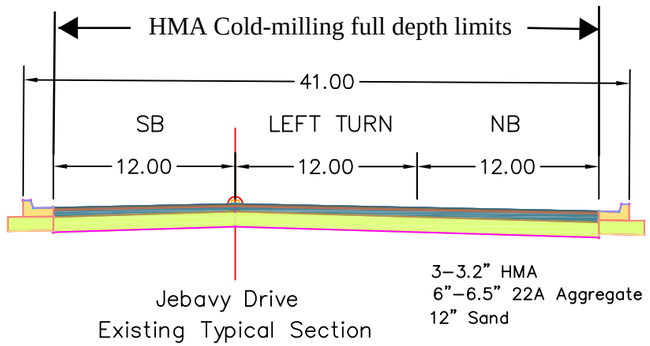


41+00 to 60+00

Jebavy Drive

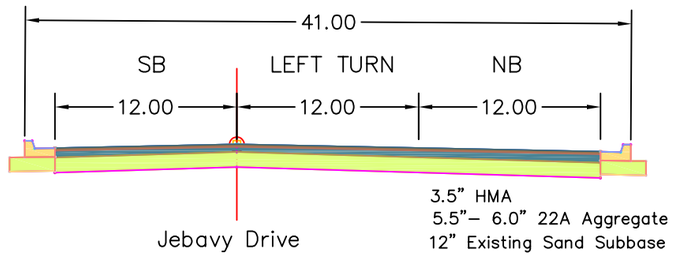
HMA, 4E1
LEVELING 220#/SYD (PG58-28)
SURFACE 165#/SYD (PG64-28)

ADDENDUM #2



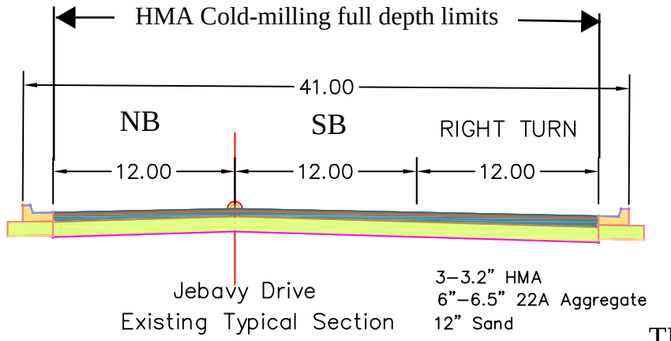
Jebavy Drive
Existing Typical Section
62+10 to 63+50

** Taper from 60+80 to 62+10



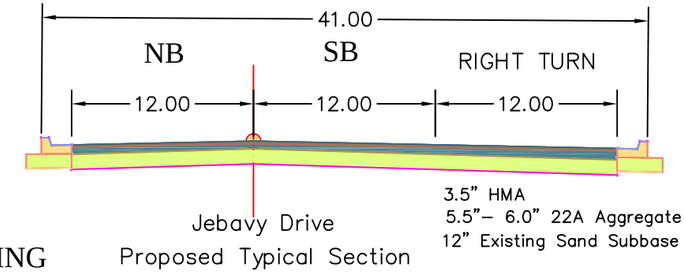
Jebavy Drive
Proposed Typical Section
61+30 to 63+50

** Taper from 60+00 to 61+30



Jebavy Drive
Existing Typical Section
64+50 to 67+50 POE

THIS TYPICAL SECTION IS LOOKING
NORTH TO SOUTH (BACKWARDS)

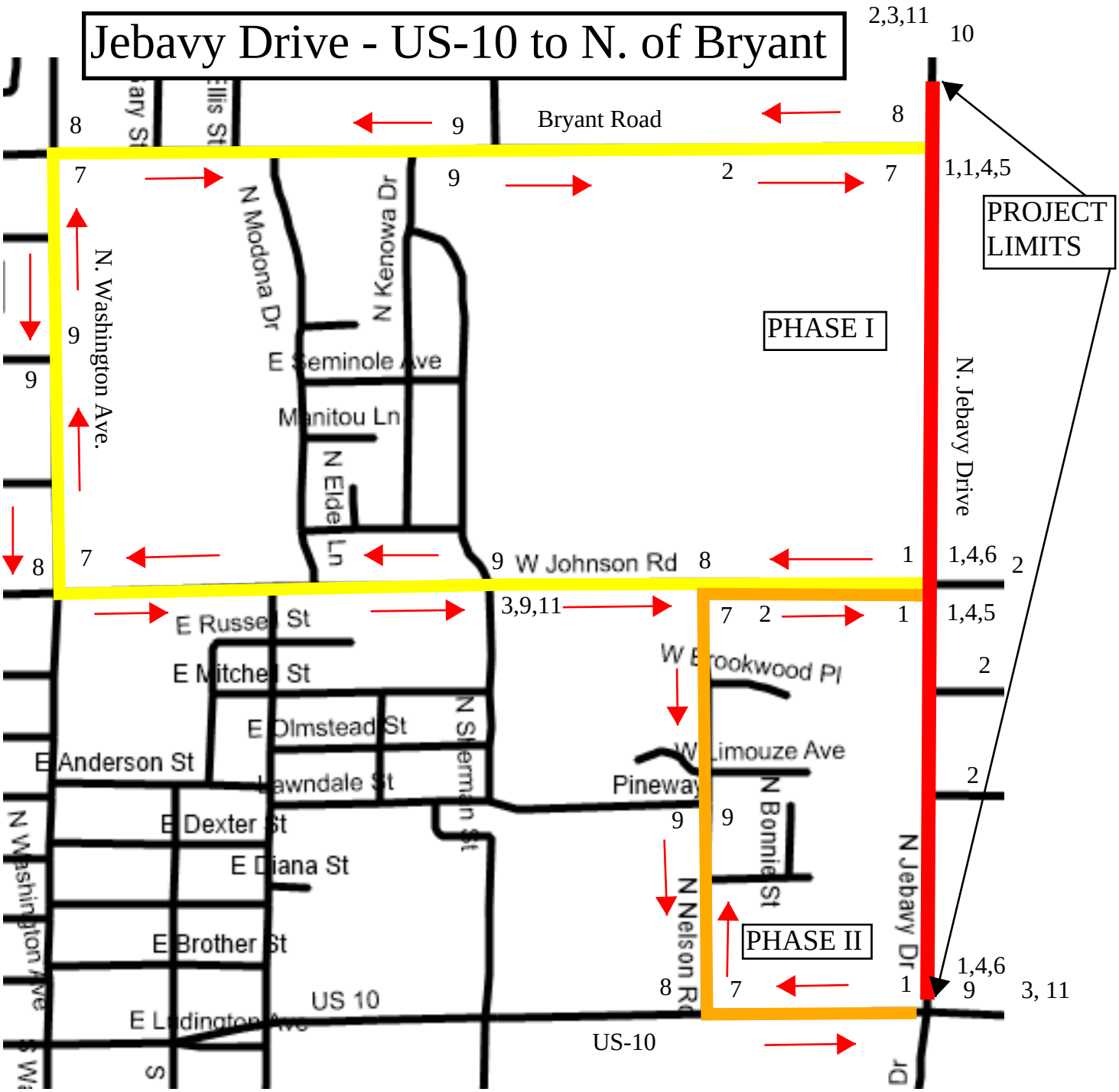


Jebavy Drive
Proposed Typical Section
64+50 to 67+50 POE

HMA, 4E1
LEVELING 220#/SYD (PG58-28)
SURFACE 165#/SYD (PG64-28)

Jebavy Drive

Jebavy Drive - US-10 to N. of Bryant



DETOUR SIGNING DETAIL

SYM	DESCRIPTION	NAME	SIGN SIZE	QTY	SFT TOTAL
1	BARRICADE TYPE II			8	
2	ROAD WORK AHEAD	W20-1	48" X 48"	6	96
3	DETOUR AHEAD	W20-2	48" X 48"	3	48
4	ROAD CLOSED TO THRU TRAFFIC	R11-4	60" X 30"	4	50
5	DETOUR →	M4-10R	48" X 18"	2	12
6	DETOUR ←	M4-10L	48" X 18"	2	12
7	DETOUR →	M4-9R	30" X 24"	5	25
8	DETOUR ←	M4-9L	30" X 24"	5	25
9	DETOUR ↑	M4-9S	30" X 24"	7	35
10	END DETOUR	M48a	24" X 18"	1	3
11	JEBAVY DRIVE	D3-1	24" X 12"	3	6
					312