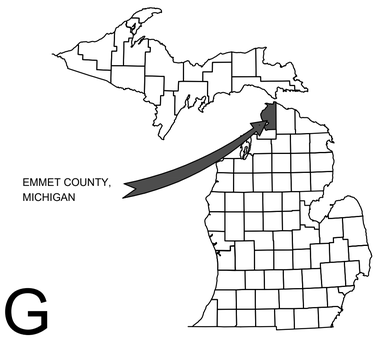
LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS

IN COOPERATION WITH THE

BUREAU OF INDIAN AFFAIRS

CONSTRUCTION PLANS FOR

PART A: LEARS ROAD RESURFACING
PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING



KEY MAP
NO SCALE

GENERAL NOTES

THE PROPOSED ROAD IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS GUIDELINES FOR GEOMETRICS, (3R), DATED JULY, 2017.

THE PLACING OF PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SHALL BE DONE IN ACCORDANCE WITH THE 2025 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED.

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SUPPLEMENTAL SPECIFICATIONS, EXCEPT AS MODIFIED BY THESE PLANS AND SPECIAL PROVISIONS.

PUBLIC UTILITIES

THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO ITS ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

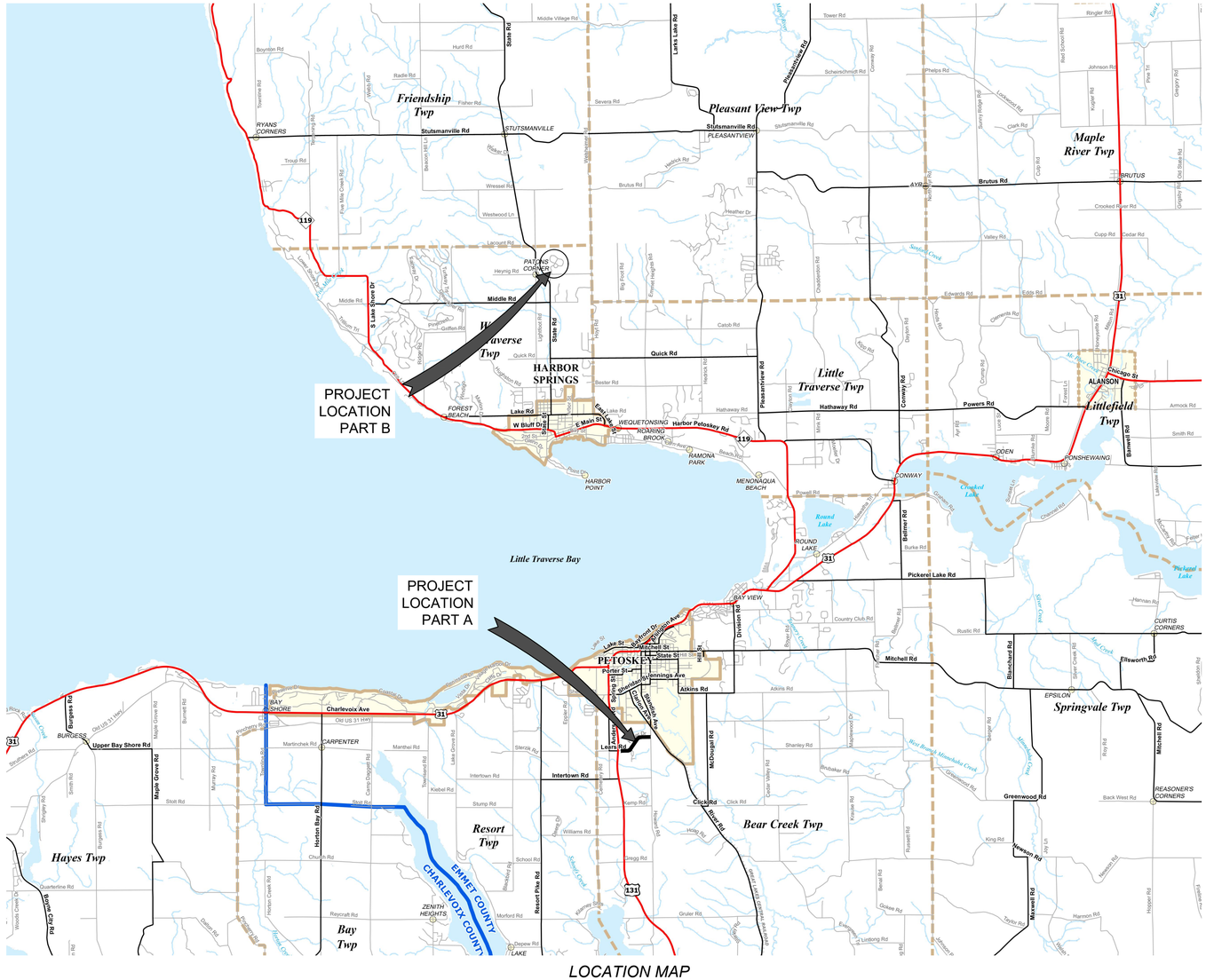
PART A: LEARS ROAD RESURFACING

TELEPHONE AT&T 514 E MITCHELL ST PETOSKEY, MI 49770 CONTACT: JEFF COLLARD 586.764.8260	ELECTRIC GREAT LAKES ENERGY CO-OP 1323 BOYNE AVE. BOYNE CITY, MI 49712 CONTACT: STEVE MURRAY PHONE: 231.487.1314
GAS DTE ENERGY/MICHCON GAS 1250 MICHCON LANE KALKASKA, MI 49646 CONTACT: MAT LOGAN PHONE: 231.492.7479	WATER CITY OF PETOSKEY 101 E LAKE STREET PETOSKEY, MI 49770 CONTACT: MARTY FLYNN PHONE: 231.838.7982

PART B: WAH-WAS-NO-DA-KE ROAD RESURFACING

TELEPHONE AT&T 514 E MITCHELL ST PETOSKEY, MI 49770 CONTACT: JEFF COLLARD 586.764.8260	ELECTRIC GREAT LAKES ENERGY CO-OP 1323 BOYNE AVE. BOYNE CITY, MI 49712 CONTACT: STEVE MURRAY PHONE: 231.487.1314
GAS DTE ENERGY/MICHCON GAS 1250 MICHCON LANE KALKASKA, MI 49646 CONTACT: MAT LOGAN PHONE: 231.492.7479	WATER MEAD AND HUNT CONTACT: TAMMI GALL PHONE: 231.333.6874

LITTLE TRAVERSE BAY BAYS OF ODAWA
INDIANS - PLANNING DEPARTMENT
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
CONTACT: AMANDA SWISS
PHONE: 231.242.1508



LOCATION MAP

NO SCALE

PART A: BEAR CREEK TWP, EMMET COUNTY — T34N, R5W, SECTION 7

PART B: WEST TRAVERSE TWP, EMMET COUNTY — T35N, R6W, SECTION 36

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PROJECT DESCRIPTION: PART A - 0.6 MILES OF HMA COLD MILLING, CHIP SEAL AND ONE COURSE HMA PAVEMENT AND PAVT MRKS AND PART B: 1.11 MILES OF HMA COLD MILLING, HMA ULTRA-THIN OVERLAY AND RESTORATION

REV#	DATE	DESCRIPTION	BY

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SEAL

PAUL M. REPASKY, PE
REGISTRATION NO: 6201037233

ISSUED FOR:	DATE:	BY:
REVIEW	07/15/26	PMR
FINAL REVIEW	10/06/26	PMR
BIDDING	11/04/26	PMR

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SHEET
1

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROAD SURFACING

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PROJECT MANAGER: PAUL M. REPASKY, P.E.
DESIGNED: MMC DRAWN: MMC CHECKED: PMR PLOTTED: 11/4/2026 11:59 AM BY REPASKY, PAUL

GENERAL PLAN NOTES

UNDERGROUND UTILITIES

FOR PROTECTION OF UNDERGROUND UTILITIES, AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, AS AMENDED THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITY 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 PART OF THE "MISS DIG" ALERT SYSTEM.

PROPERTY CORNERS/MONUMENTS AND IRONS

PROPERTY CORNERS/MONUMENTS AND IRONS ARE KNOWN TO EXIST WITHIN THE PROJECT AREA. THE CONTRACTOR WILL MAKE EVERY EFFORT POSSIBLE TO AVOID DISTURBING THESE MARKERS. IDENTIFIED DISTURBED OR COVERED MONUMENTS/CORNERS SHALL BE REPLACED OR ADJUSTED IN HEIGHT BY A LICENSED PROFESSIONAL SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

ELEVATIONS SHOWN ON THESE PLANS ARE ON AN ASSUMED DATUM.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE AS DIRECTED BY THE ENGINEER.

ASPHALT RELATED ITEMS

SAW CUTTING EXISTING ASPHALT & CONCRETE SURFACES TO THE LIMITS OF RECONSTRUCTION OR AS DIRECTED BY THE ENGINEER IS INCLUDED IN PAYMENT FOR COLD MILLING HMA SURFACE. THE CONTRACTOR SHALL PROVIDE FULL DEPTH BUTT JOINTS AT ALL LOCATIONS WHERE NEW HMA MEETS EXISTING PAVEMENT. IF A PAVEMENT EDGE IS DAMAGED SUBSEQUENT TO SAW CUTTING, THE EDGE SHALL BE RE-CUT AS DIRECTED BY THE ENGINEER.

ACCESS AND TRAFFIC MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN TRAFFIC WITH A LANE CLOSURE AND KEEP THE INTERSECTION ROADS AND DRIVE ENTRANCES FREE OF CONSTRUCTION DEBRIS TO ALLOW ACCESS. ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR TO PROVIDE A MAINTAINING TRAFFIC PLAN FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO START OF CONSTRUCTION.

LEGEND

	EXISTING	PROPOSED
BENCH MARK	BM+	
TELEPHONE PEDESTAL	TP	
POWER POLE		
TELEPHONE POLE		
GUY ANCHOR	GA	
GUY POLE	GP	
IRON BAR / PROP. CORN.		
ROAD SIGN	S	
SECTION CORNER		
MONUMENT		
MAIL BOX (& NUMBER)	MB 2163	
UNDERGROUND GAS MARKER	M	
SOIL BORINGS	SB#23	
DECIDUOUS VEGETATION		
CONIFEROUS VEGETATION		
CULVERT		ST ST
GAS LINE		
UNDERGROUND TELEPHONE	UT UT UT	
FENCE	X X X	X X X
TREE LINE		
BUILDING		
SILT FENCE		
SLOPE STAKE LINE		
RIGHT-OF-WAY	R/W	
GRADING PERMIT		

COLD MILL HMA SURFACE	
CONCRETE SURFACE REMOVAL	
HMA ULTRA-TIN OVERLAY	
EXISTING HMA SURFACE	
PROPOSED HMA SURFACE	
AGGREGATE SURFACE COURSE	

ESTIMATED QUANTITIES

THE FOLLOWING ITEMS OF WORK SHALL BE DONE AS THEY APPLY THROUGHOUT THE PROJECT. THESE ITEMS ARE NOT DETAILED OR INCLUDED ON THE PLAN SHEETS.

PAY ITEM	QUANTITY
PART A: LEARS ROAD RESURFACING	
Mobilization, Max. __	1 LSUM
Erosion Control, Inlet Protection, Fabric	38 Ea
Minor Traffic Control Devices	1 Ea
Traffic Regulator Control	1 Ea
Slope Restoration, Non-Freeway, Type B	100 Syd

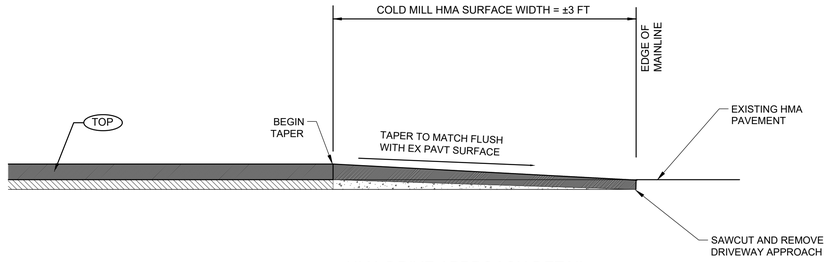
PAY ITEM	QUANTITY
PART B: WAH-WAS-NO-DA-KE ROADS RESURFACING	
Mobilization, Max. __	1 LSUM
Erosion Control, Inlet Protection, Fabric	2 Ea
Minor Traffic Devices	1 LSUM
Traf Regulator Control	1 LSUM
Slope Restoration, Non-Freeway, Type B	2133 Syd

MDOT STANDARD ROAD PLANS (NOT TO BE PRINTED)

WHERE THE FOLLOWING ITEMS ARE CALLED FOR IN THE PLANS, THEY ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARD PLANS GIVEN BELOW, OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED.

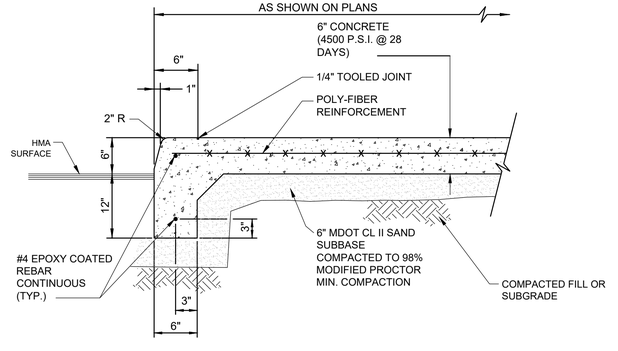
TITLE	PLAN NO.
SOIL EROSION & SEDIMENTATION CONTROL MEASURES	R-96-E
SEEDING AND TREE PLANTING	*R-100-I
GRADING CROSS SECTIONS	R-105-D

* INDICATES SPECIAL DETAIL INCLUDED IN PROPOSAL



HMA DRIVE APPROACH DETAIL

TO APPLY: AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER



CONCRETE WALK W/ THICKENED EDGE

NO SCALE

REV#	DATE	DESCRIPTION	BY

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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
CONSTRUCTION NOTES AND LEGEND

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

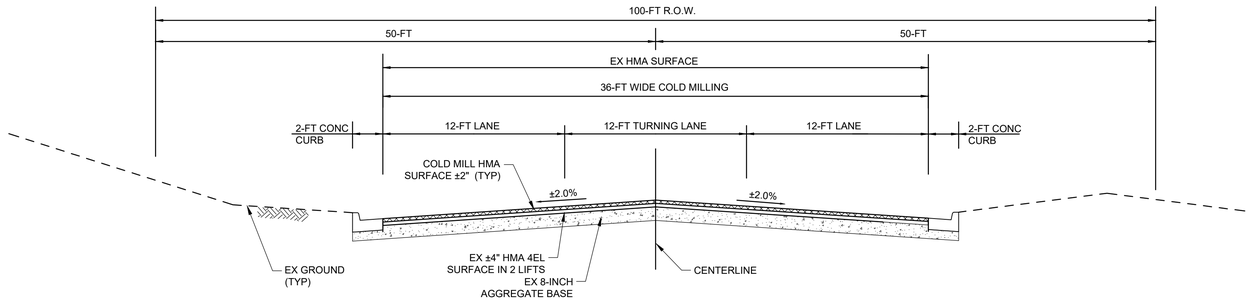
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SHEET
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LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

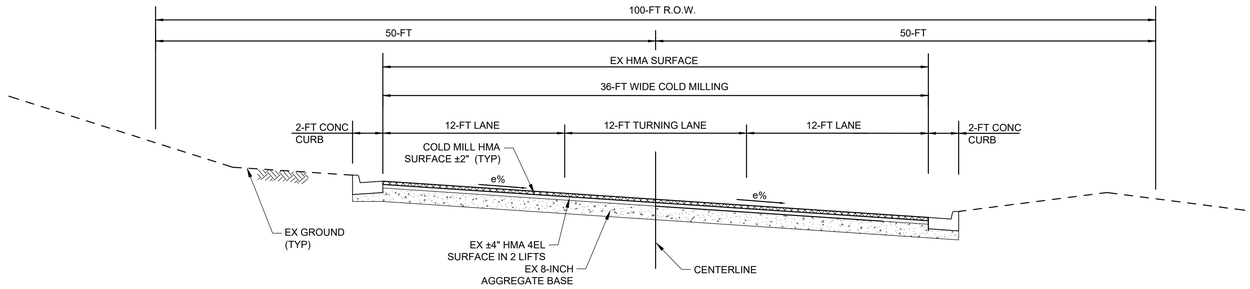
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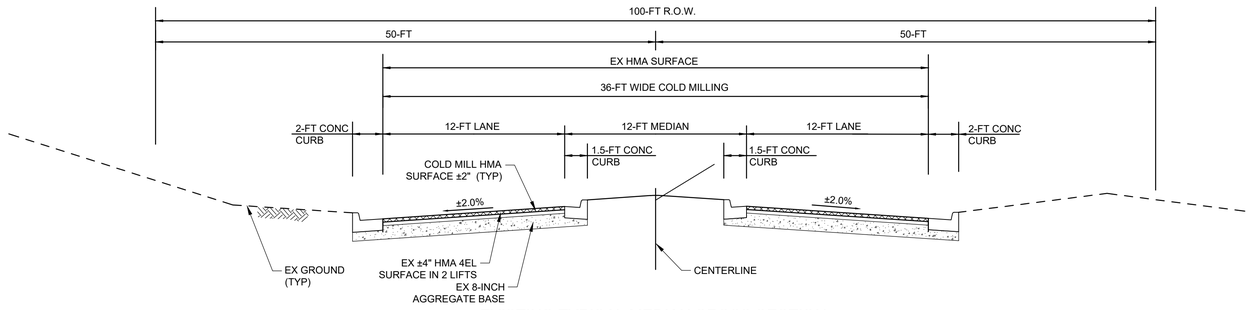
EXISTING TYPICAL NORMAL CROSS SECTION

TO APPLY: STA 8+50 (POB) TO 12+21
STA 35+95 TO 41+22 (POE)



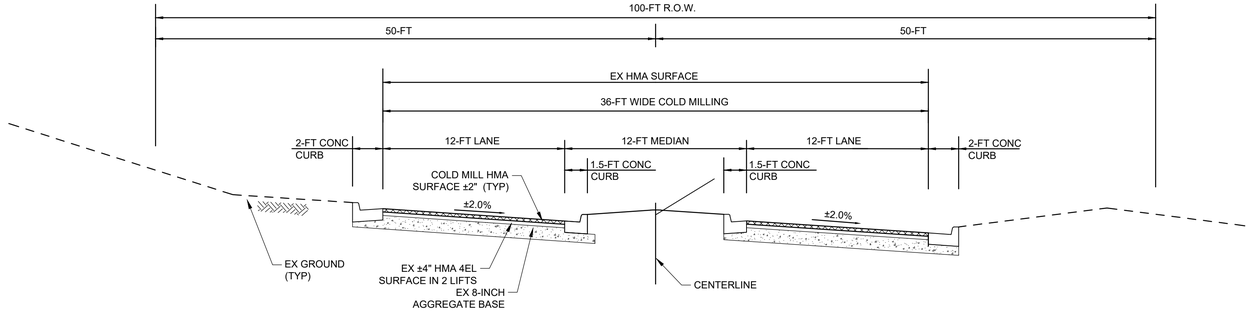
EXISTING TYPICAL SUPERELEVATED CROSS SECTION

TO APPLY: STA 12+21 TO 16+52
STA 18+31 TO 26+45
STA 27+94 TO 29+65



EXISTING TYPICAL MEDIAN CROSS SECTION

TO APPLY: STA 34+94 TO 35+95
STA 34+95 TO 41+22 (POE)



EXISTING TYPICAL SUPERELEVATED WITH MEDIAN CROSS SECTION

TO APPLY: STA 16+52 TO 18+31
STA 26+45 TO 27+94
STA 29+65 TO 34+94

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LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART A - LEARS ROAD RESURFACING
TYPICAL EXISTING SECTIONS

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

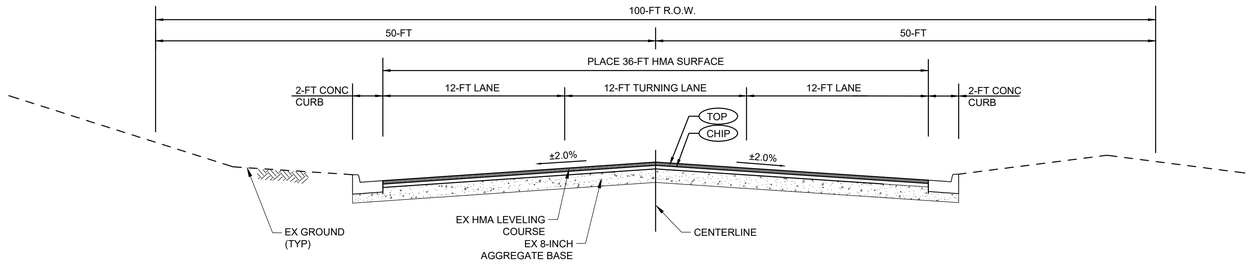
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Final Review	10/06/26	PMR
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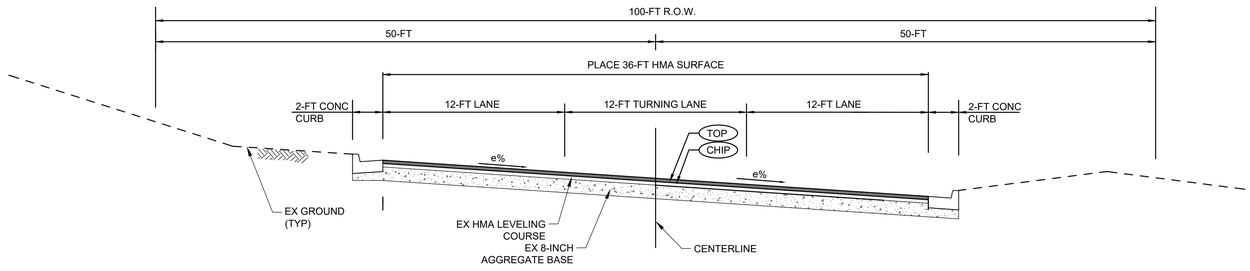
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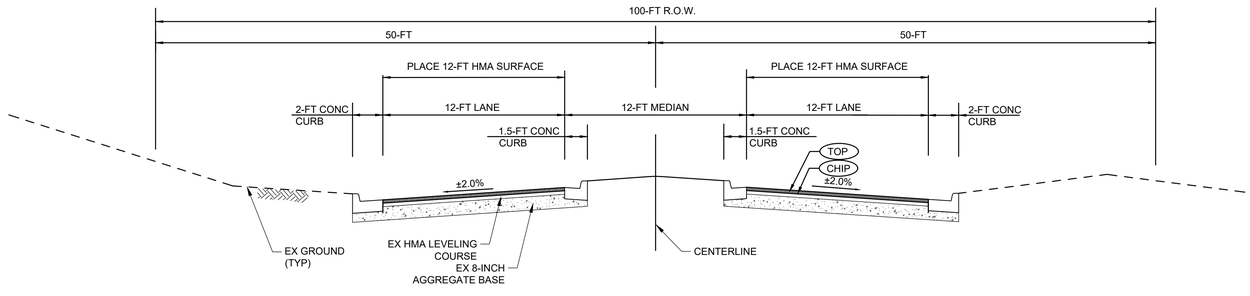
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TO APPLY: STA 8+50 (POB) TO 12+21
STA 35+95 TO 41+22 (POE)



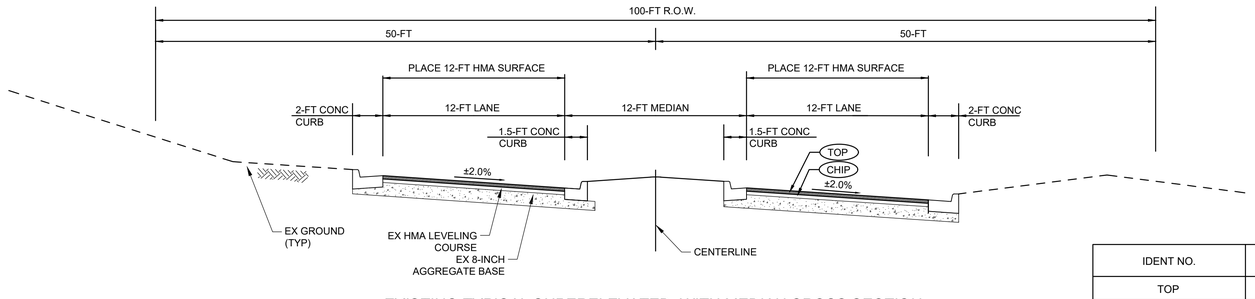
EXISTING TYPICAL SUPERELEVATED CROSS SECTION

TO APPLY: STA 12+21 TO 16+52
STA 18+31 TO 26+45
STA 27+94 TO 29+65



EXISTING TYPICAL MEDIAN CROSS SECTION

TO APPLY: STA 34+94 TO 35+95
STA 34+95 TO 41+22 (POE)



EXISTING TYPICAL SUPERELEVATED WITH MEDIAN CROSS SECTION

TO APPLY: STA 16+52 TO 18+31
STA 26+45 TO 27+94
STA 29+65 TO 34+94

HMA APPLICATION TABLE

IDENT NO.	PAY ITEMS	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
TOP	HMA, 5EML	220 LBS	58-28	TOP COURSE (AWI 260)
CHIP	SEAL, SINGLE CHIP	20 -24 LBS	CSEA	170-190 DEGREES F

DESIGN HMA, 5EML (TOP) MIX FOR 4% AIR VOIDS. REGRESS TO 3% FOR PRODUCTION.

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HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART A - LEARS ROAD RESURFACING
TYPICAL PROPOSED SECTIONS

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

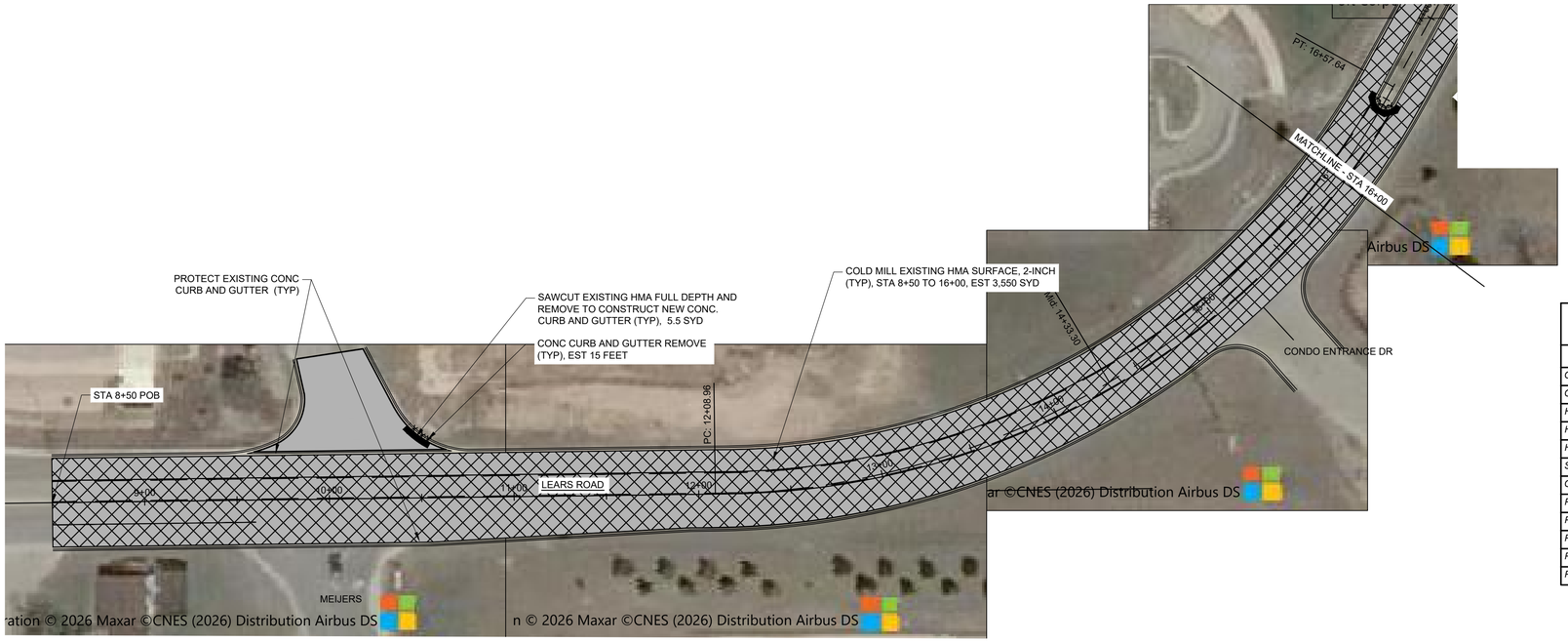
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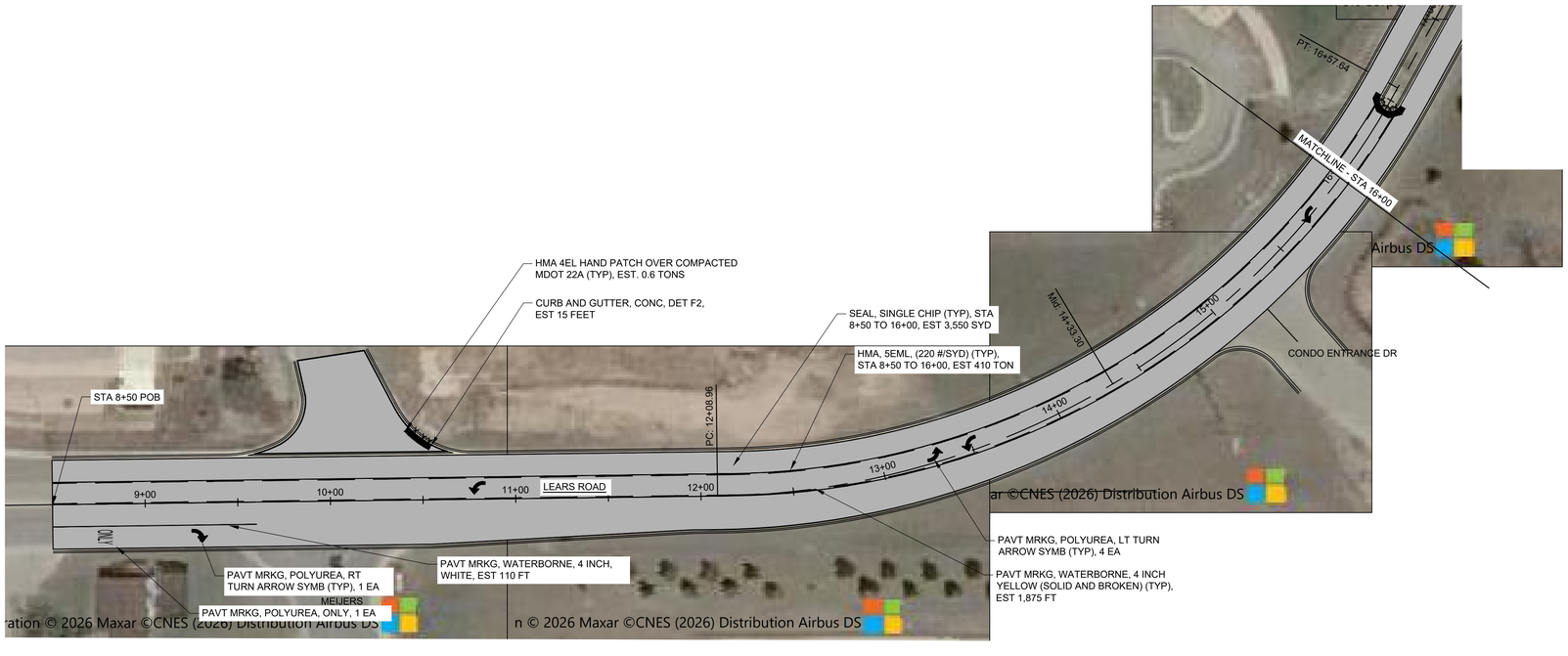
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REMOVALS PLAN VIEW

STA 8+50 (POB) TO 16+00



PROPOSED PLAN VIEW

STA 8+50 (POB) TO 16+00

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
CURB AND GUTTER, REM	15	FT
COLD MILLING HMA SURFACE	3550	SYD
HMA SURFACE, REM	5.5	SYD
HAND PATCHING	0.6	TON
HMA, 5EML	410	TON
SEAL, SINGLE CHIP	3550	SYD
CURB AND GUTTER, CONC, DET F2	15	FT
PAVT MRKG, POLYUREA, LT TURN ARROW SYM	4	EA
PAVT MRKG, POLYUREA, RT TURN ARROW SYM	1	EA
PAVT MRKG, POLYUREA, ONLY	1	EA
PAVT MRKG, WATERBORNE, 4 INCH, WHITE	110	FT
PAVT MRKG, WATERBORNE, 4 INCH, YELLOW	1875	FT

HORIZONTAL SCALE IN FEET
40 20 0 40 80

REV#	DATE	DESCRIPTION	BY

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LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
LEARS ROAD RESURFACING
PLAN VIEW, STA 8+50 (POB) TO 16+00
LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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Final Review	10/06/26	PMR
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DESIGNED BY: PAUL M REPASKY, PE
CHECKED BY: MICHAEL R. EDWARDS PLOTTED: 11/4/2026 12:28 PM BY REPASKY, PAUL

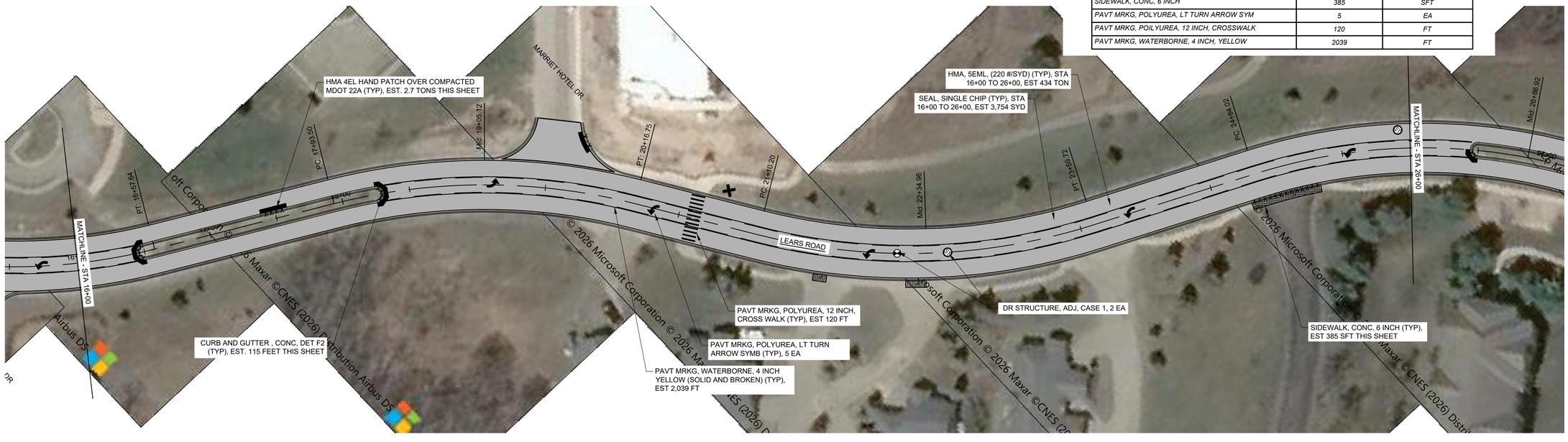


REMOVALS PLAN VIEW

STA 16+00 TO 26+00

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
TREE, REM, 6 INCH TO 18 INCH	1	EA
CURB AND GUTTER, REM	115	FT
SIDEWALK, REM	43	SYD
DR STRUCTURE COVER, ADJ, CASE 1	3	EA
COLD MILLING HMA SURFACE	3754	SYD
HMA SURFACE, REM	29.5	SYD
HAND PATCHING	2.7	TON
HMA, 5EML	434	TON
SEAL, SINGLE CHIP	3754	SYD
CURB AND GUTTER , CONC, DET F2	115	FT
SIDEWALK, CONC, 6 INCH	385	SFT
PAVT MRKG, POLYUREA, LT TURN ARROW SYM	5	EA
PAVT MRKG, POILYUREA, 12 INCH, CROSSWALK	120	FT
PAVT MRKG, WATERBORNE, 4 INCH, YELLOW	2039	FT



PROPOSED PLAN VIEW

STA 16+00 TO 26+00

HORIZONTAL SCALE IN FEET
40 20 0 40 80

REV#	DATE	DESCRIPTION	BY

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LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART A - LEARS ROAD RESURFACING
PLAN VIEW, STA 16+00 TO 26+00
LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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REMOVALS PLAN VIEW

STA 26+00 TO 36+00

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
TREE, REM, 6 INCH TO 18 INCH	11	EA
CURB AND GUTTER, REM	48	FT
DR STRUCTURE COVER, ADJ, CASE 1	1	EA
COLD MILLING HMA SURFACE	2935	SYD
HMA SURFACE, REM	20.5	SYD
HAND PATCHING	2.3	TON
HMA, 5EML	339	TON
SEAL, SINGLE CHIP	2935	SYD
CURB AND GUTTER, CONC, DET F2	48	FT
PAVT MRKG, POLYUREA, LT TURN ARROW SYM	1	EA
PAVT MRKG, WATERBORNE, 4 INCH, YELLOW	454	FT



PROPOSED PLAN VIEW

STA 26+00 TO 36+00

HORIZONTAL SCALE IN FEET
40 20 0 40 80

REV#	DATE	DESCRIPTION	BY

WADE TRIM
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PO Box 646
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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
LEARS ROAD RESURFACING
PLAN VIEW, STA 26+00 TO 36+00

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

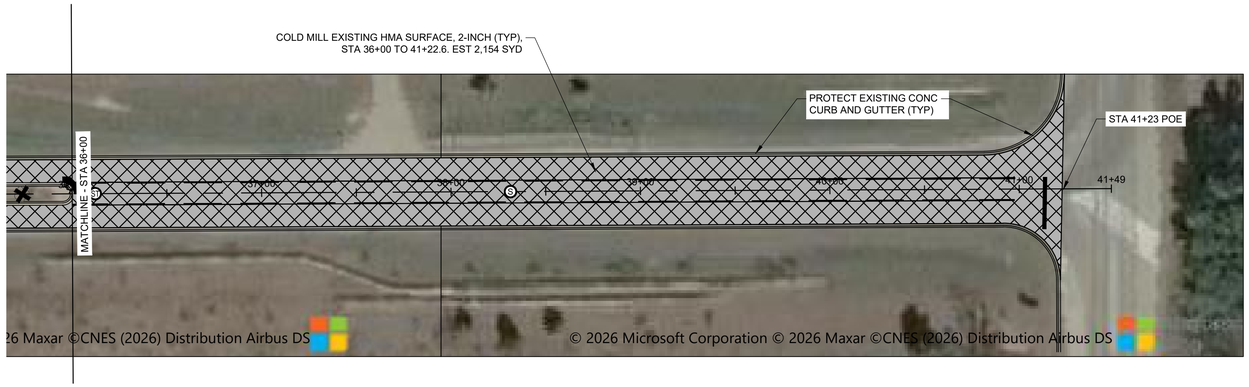
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Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
7

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PROJECT MANAGER: PAUL M REPASKY, PE
DESIGNED BY: MICHAEL HAMILTON | PLOTTED: 11/4/2026 12:29 PM BY REPASKY, PAUL
P:\ODW\ODW2032.01G\CAD\LEARS RD\DWG\ PLOTTED 11/4/2026 12:29 PM BY REPASKY, PAUL

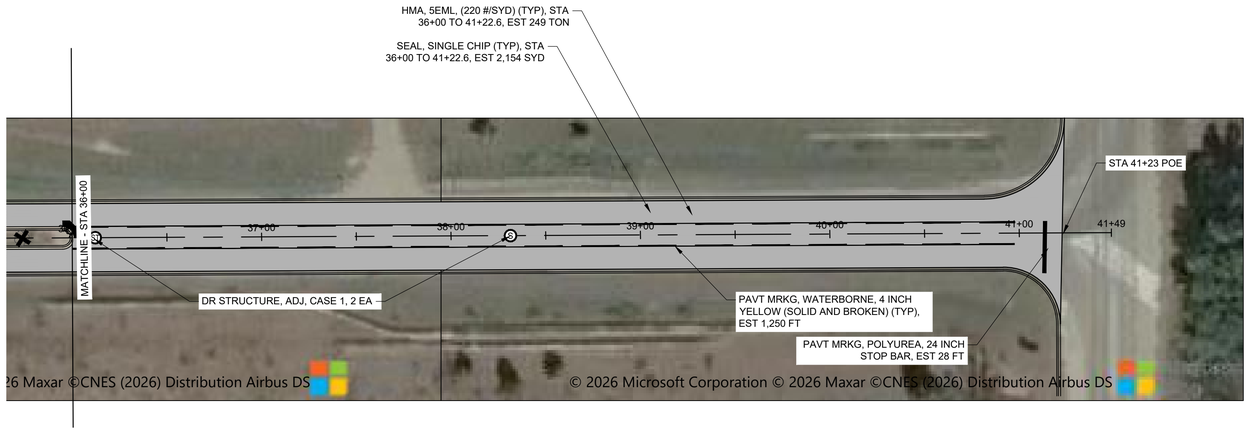


REMOVALS PLAN VIEW

STA 36+00 TO 41+23 (POE)

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
DR STRUCTURE COVER, ADJ, CASE 1	2	EA
COLD MILLING HMA SURFACE	2154	SYD
HMA, 5EML	249	TON
SEAL, SINGLE CHIP	2154	SYD
PAVT MRKG, POLYUREA, 24 INCH, STOP BAR	28	FT
PAVT MRKG, WATERBORNE, 4 INCH, YELLOW	1250	FT



PROPOSED PLAN VIEW

STA 36+00 TO 41+23 (POE)

HORIZONTAL SCALE IN FEET
40 20 0 40 80

REV#	DATE	DESCRIPTION	BY

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Gaylord, MI 49734
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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
LEARS ROAD RESURFACING
PLAN VIEW, STA 36+00 TO 41+23 (POE)

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

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LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPASKY, PE
DESIGNED BY: PAUL M REPASKY, PE
CAD: N:\ROADWAYS\LEARS\LEARS_REMOVALS.DWG PLOTTED: 11/4/2026 12:33 PM BY REPASKY, PAUL

LEGEND

TEMPORARY SIGN

PROJECT AREA

TEMPORARY CONSTRUCTION SIGNS

RIGHT SHOULDER CLOSED AHEAD	W21-5b	PLACE AND SIZE PER SIGNING TYPICAL
ROAD WORK AHEAD	W20-1	PLACE AND SIZE PER SIGNING TYPICAL - 3 REQUIRED FOR THIS PLAN
BE PREPARED TO STOP	W3-4	PLACE AND SIZE PER SIGNING TYPICAL
ONE LANE ROAD AHEAD	W20-4	PLACE AND SIZE PER SIGNING TYPICAL
	W20-7a	PLACE AND SIZE PER SIGNING TYPICAL
END ROAD WORK	G20-2	PLACE AND SIZE PER SIGNING TYPICAL - 2 REQUIRED FOR THIS PLAN
WORK ZONE BEGINS	R5-18c	PLACE AND SIZE PER SIGNING TYPICAL - 9 REQUIRED FOR THIS PLAN
LEARS ROAD UNDER CONSTRUCTION US-131 TO HOWARD ROAD	SPECIAL SIGN A	84"X60" - 5 REQUIRED (BLACK LETTERS ON ORANGE BACKGROUND)



TRAFFIC CONTROL QUANTITIES

ITEM	QUANTITY	UNIT
BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED, FURN	4	EA
BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED, OPER	4	EA
CHANNELIZING DEVICE, 42 INCH, FLUORESCENT, FURN	70	EA
CHANNELIZING DEVICE, 42 INCH, FLUORESCENT, OPER	70	EA
LIGHTED ARROW, TYPE B, FURN	2	EA
LIGHTED ARROW, TYPE B, OPER	2	EA
MINOR TRAF DEVICES	1	LS
PAVT MRKG, WET REFLECTIVE, TYPE R, TAPE, 4 INCH, YELLOW, TEMP	525	FT
PAVT MRKG, TYPE NR, TAPE, 4 INCH, YELLOW, TEMP	525	FT
PLASTIC DRUM, FLUORESCENT, FURN	70	EA
PLASTIC DRUM, FLUORESCENT, OPER	70	EA
SIGN, TYPE B, TEMP, PRISMATIC, FURN	218	SFT
SIGN, TYPE B, TEMP, PRISMATIC, OPER	218	SFT
SIGN, TYPE B, TEMP, PRISMATIC, SPECIAL, FURN	175	SFT
SIGN, TYPE B, TEMP, PRISMATIC, SPECIAL, OPER	175	SFT
TRAF REGULATOR CONTROL	1	LS

NOTE: SIGNS SHALL BE PLACED AT 550-FT SPACING BETWEEN SIGNS AND FROM INTERSECTING ROADS.

SIGN, TYPE B, TEMP, PRISMATIC, REQUIRED ON THIS SHEET = 393 SFT

REV#	DATE	DESCRIPTION	BY

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7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
LEARS ROAD RESURFACING
MAINTENANCE OF TRAFFIC PLAN

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
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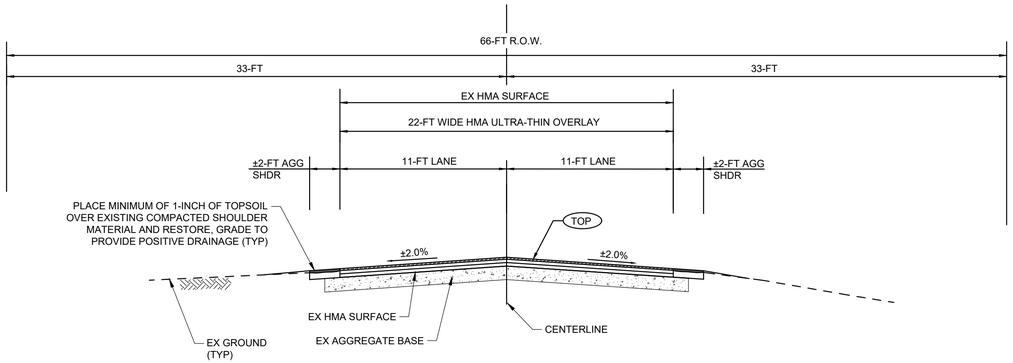
JOB NO.
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SHEET
9

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

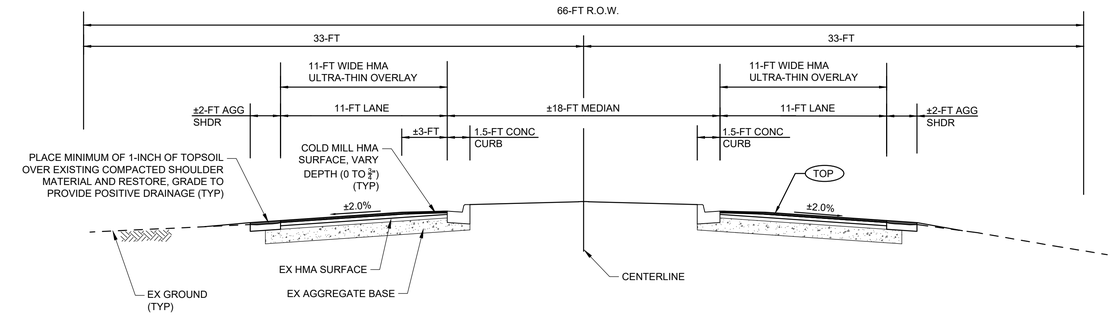
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PROJECT MANAGER: PAUL M REPASKY, PE
CHECKED BY: MICHAEL S CONNELLY | LEARS RD.DWG PLOTTED 11/4/2026 12:49 PM BY REPASKY, PAUL



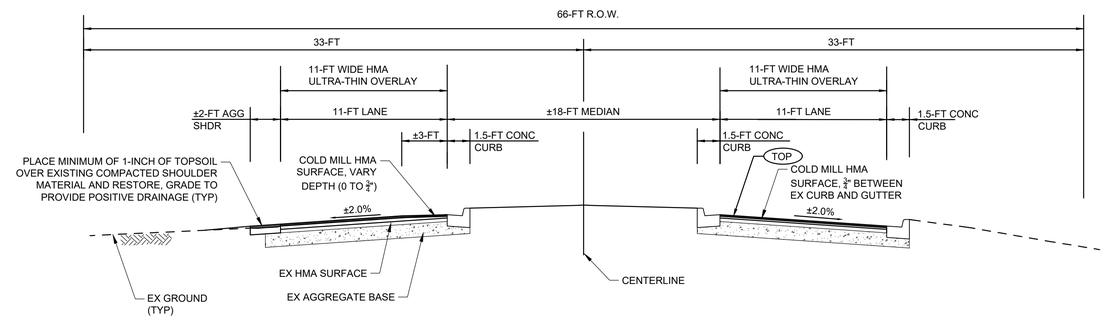
EXISTING AND PROPOSED TYPICAL NORMAL CROSS SECTION

TO APPLY: AP-GISH-MOK BLVD
STA 0+13 (POB) TO 0+38
STA 1+17 TO 10+49
STA 12+17 TO 12+59
STA 15+80 TO 17+48 (POE)
TO APPLY: ZNOW-NOONG CIR
STA 0+11 (POB) TO 6+46 (POE)
TO APPLY: WAH-BE-NOONG CIR
STA 0+00 (POB) TO 17+78 (POE)
TO APPLY: KEE-WAD-NOONG CIR
STA 0+11 (POB) TO 17+48 (POE)



EXISTING AND PROPOSED TYPICAL MEDIAN CROSS SECTION

TO APPLY: AP-GISH-MOK-BLVD
STA 0+38 TO 1+17
STA 12+59 TO 15+80



EXISTING AND PROPOSED TYPICAL MEDIAN CROSS SECTION

TO APPLY: AP-GISH-MOK-BLVD
STA 10+49 TO 12+17

HMA APPLICATION TABLE

IDENT NO.	PAY ITEMS	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
TOP	HMA, ULTRA-THIN OVERLAY	85 LBS	58-28	TOP COURSE (AWI 260)

REV#	DATE	DESCRIPTION	BY

WADE TRIM
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PO Box 1618
Gaylord, MI 49734
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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - WAH WA NO DE KE ROADS RESURFACING
TYPICAL SECTIONS

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
10

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPISKY, PE
CAD OPERATOR: PAUL M REPISKY
P:\ODW\2032.01G\CAD\PLAN SHEETS\TYPICAL SECTIONS.DWG PLOTTED 11/4/2026 12:26 PM BY REPISKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
CURB AND GUTTER, REM	8	FT
COLD MILLING HMA SURFACE	430	SYD
HMA SURFACE, REM	5.5	SYD
HAND PATCHING	0.9	TON
HMA, ULTRA-THIN OVERLAY	59	TON
CURB AND GUTTER, CONC, DET F2	8	FT



HORIZONTAL SCALE IN FEET
20 10 0 20 40

N

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HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - AP-GISH-MOK BLVD
PLAN VIEW

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
11

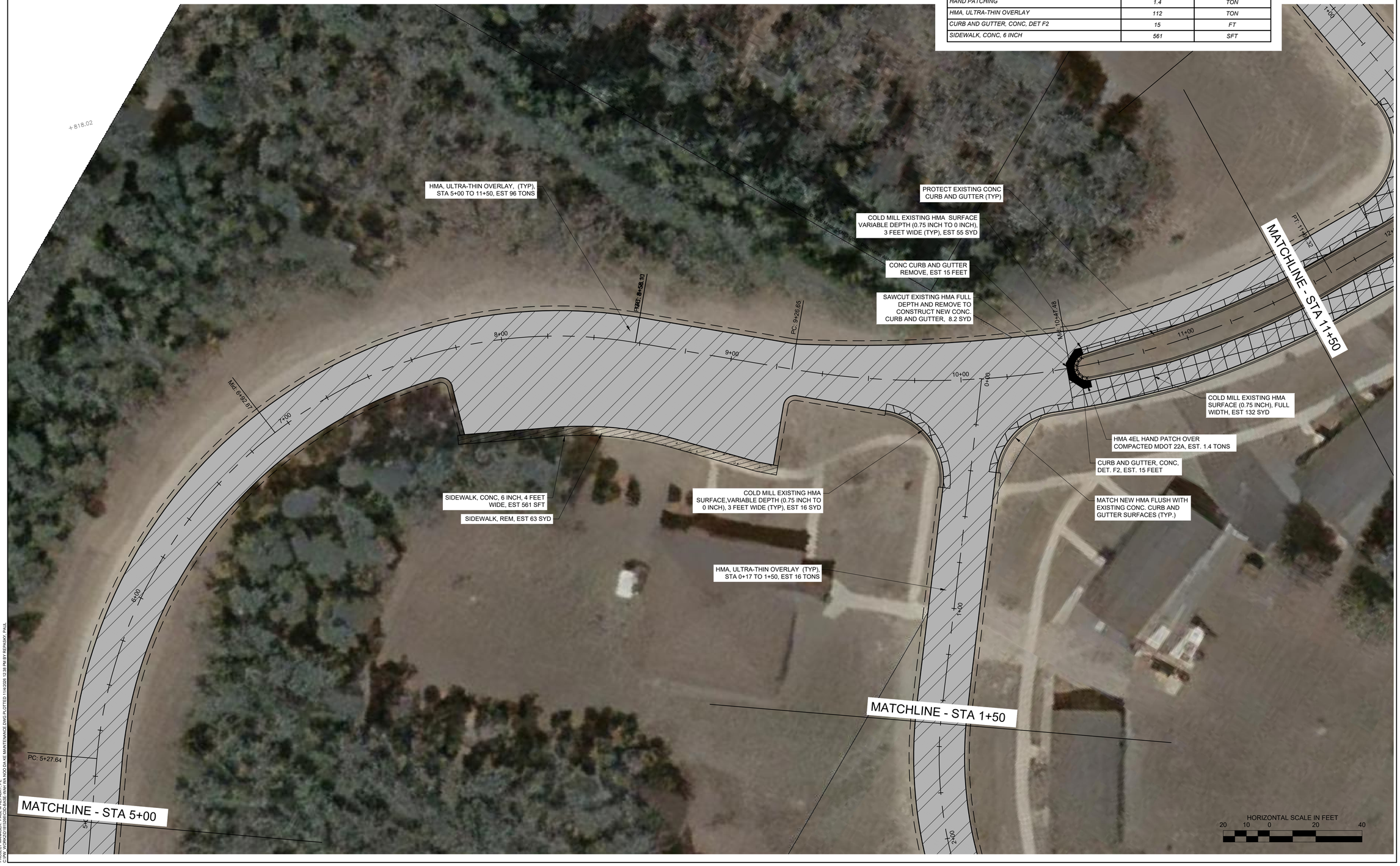
LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M RESHKIN, PE
DWG: K:\ODW\2032.01G\Maps\Plan Sheets\WAH-WAHS-NOO-DA-KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:28 PM BY RESHKIN, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
CURB AND GUTTER, REM	15	FT
SIDEWALK, REM	63	SYD
COLD MILLING HMA SURFACE	203	SYD
HMA SURFACE, REM	8.2	SYD
HAND PATCHING	1.4	TON
HMA, ULTRA-THIN OVERLAY	112	TON
CURB AND GUTTER, CONC, DET F2	15	FT
SIDEWALK, CONC, 6 INCH	561	SFT



REV#	DATE	DESCRIPTION	BY

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PO Box 548
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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - AP-GISH-MOK BLVD
PLAN VIEW

ISSUED FOR:	DATE:	BY:
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Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
12

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPASKY, PE
PLOTTED BY: PAUL M REPASKY ON 11/4/2026 12:38 PM
C:\ENGINEERING\ODW2032.01G LTBBOI ODAWA KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:38 PM BY REPASKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
CURB AND GUTTER, REM	97	FT
COLD MILLING HMA SURFACE	430	SYD
HMA SURFACE, REM	44.5	SYD
HAND PATCHING	7.4	TON
HMA, ULTRA-THIN OVERLAY	99	TON
CURB AND GUTTER, CONC, DET F2	97	FT



HORIZONTAL SCALE IN FEET
20 10 0 20 40

REV#	DATE	DESCRIPTION	BY

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Gaylord, MI 49734
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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - AP-GISH-MOK BLVD
PLAN VIEW

ISSUED FOR:	DATE:	BY:
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Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
13

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPSAKY, PE
CAD OPERATOR: ROGER MARKHAM
PATH: K:\ROAD\ODW2032.01 WAH-WAHS-NOO-DA-KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:39 PM BY REPSAKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
HMA, ULTRA-THIN OVERLAY	57	TON



REV#	DATE	DESCRIPTION	BY

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7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - KEE-WAD-NOONG CIR
PLAN VIEW

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
14

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPASKY, PE
CAD: ...\ODAWA INDIANS - WAH-WAHS-NOO-DA-KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:40 PM BY REPASKY, PAUL



QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
COLD MILLING HMA SURFACE	31	SYD
HMA, ULTRA-THIN OVERLAY	49	TON

N

SHEET	JOB NO	ISSUED FOR:	DATE:	BY:
15	ODW2032.01G	Review	07/15/26	PMR
		Final	09/22/26	PMR
		Final Review	10/02/26	PMR
		Bidding	11/04/26	PMR

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7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - KEE-WAD-NOONG CIR
PLAN VIEW

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QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
HMA, ULTRA-THIN OVERLAY	65	TON

HORIZONTAL SCALE IN FEET
20 10 0 20 40

N

LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - KEE-WAD-NOONG CIR
PLAN VIEW

ISSUED FOR: DATE: BY
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Final 09/22/26 PMR
Final Review 10/02/26 PMR
Bidding 11/04/26 PMR

JOB NO: ODW2032.01G
SHEET: 16

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REV#	DATE	DESCRIPTION	BY

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QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
COLD MILLING HMA SURFACE	41	SYD
HMA, ULTRA-THIN OVERLAY	70	TON



HORIZONTAL SCALE IN FEET
20 10 0 20 40

N

REV#	DATE	DESCRIPTION	BY

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LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - WAH-BE-NOONG CIR
PLAN VIEW

ISSUED FOR:	DATE:	BY:
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Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
17

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M RESPASKY, PE
CAD OPERATOR: MARCUS MAHAN
C:\ODA\ODW2032.01G\ROADS\WAH-WA-NOO-DA-KE MAINTENANCE.DWG PLOTTED: 11/4/2026 12:27 PM BY RESPASKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
HMA, ULTRA-THIN OVERLAY	76	TON

REV#	DATE	DESCRIPTION	BY

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Gaylord, MI 49734
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HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - KEE-WAD-NOONG CIR
PLAN VIEW

ISSUED FOR:	DATE:	BY:
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Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

JOB NO.
ODW2032.01G

SHEET
18

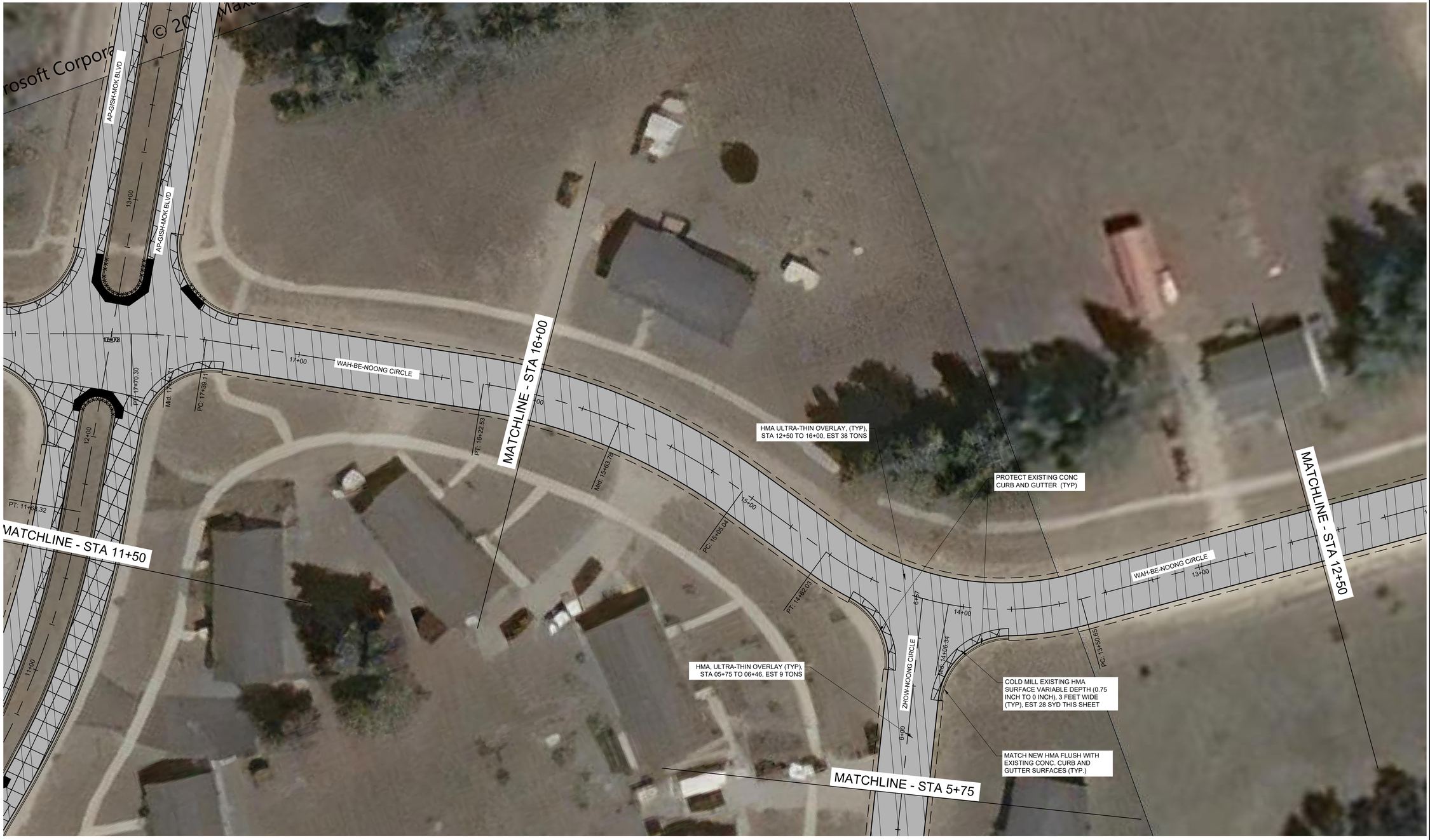
LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPASKY / PE
DRAWING NAME: C:\ODAWA INDIANS\ODW2032.01G WAH-WAHS-NOO DA KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:42 PM BY REPASKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
COLD MILLING HMA SURFACE	28	SYD
HMA, ULTRA-THIN OVERLAY	47	TON



HORIZONTAL SCALE IN FEET
20 10 0 20 40

REV#	DATE	DESCRIPTION	BY

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HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - KEE-WAD-NOONG CIR
PLAN VIEW

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Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

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ODW2032.01G

SHEET
19

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M REPASKY, PE
DW:\ODW2032.01G\Design\Roadway\WAH-WAHS-NOO-DA-KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:42 PM BY REPASKY, PAUL

QUANTITIES THIS SHEET		
ITEM	QUANTITY	UNIT
HMA, ULTRA-THIN OVERLAY	46	TON



HORIZONTAL SCALE IN FEET
20 10 0 20 40

N

REV#	DATE	DESCRIPTION	BY

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PO Box 1649
Gaylord, MI 49734
989.732.3584
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WADE TRIM

LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - ZHOW-NOONG CIR
PLAN VIEW

ISSUED FOR:	DATE:	BY:
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Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

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ODW2032.01G

SHEET
20

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

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PROJECT MANAGER: PAUL M RESPASKY, PE
DWG: K:\ODW\2032.01G\Design\Plan Sheets\PLAN NOO DA KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:43 PM BY RESPASKY, PAUL

QUANTITIES THIS SHEET

ITEM	QUANTITY	UNIT
AGGREGATE BASE, 8 INCH	229	SYD
CULV END SECT, 12 INCH	2	EA
CULV, CL F, 12 INCH	117	FT
HMA, 5EL	25	TON
SIDEWALK, CONC, 6 INCH	409	SFT
POST, STEEL, 3 POUND	16	FT
SIGN, TYPE 1A	2	SFT
PAVT MRKG, WATERBORNE, 4 INCH, WHITE	100	FT
PAVT MRKG, WATERBORNE, FOR REST AREAS, PARKS, AND LOTS, 4 INCH, BLUE	74	FT
PAVT MRKG, POLYUREA, ACCESSIBLE SYMBOL	1	EA

PROPOSED DRIVEWAY NOT IN THIS CONTRACT

CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR ON CULVERT INSTALLATION

PROPOSED VAN ACCESSIBLE ADA SIGN. PAID FOR AS SIGN, TYPE 1A AND POST, STEEL, 3 POUND, EST 16 FT

PROPOSED PAVT MRKG, WATERBORNE, FOR REST AREAS, PARKS, AND LOTS, 4 INCH, BLUE, EST. 74 FT.

PROPOSED PAVT MRKG, WATERBORNE, 4 INCH, WHITE, EST. 100 FT.

PROPOSED HMA, 5EL (2-INCH), EST. 25-TONS OVER AGGREGATE BASE, 8 INCH, EST. 229-SYD.

PROPOSED THICKENED EDGE SIDEWALK. PAID FOR AS SIDEWALK, CONC, 6 INCH, EST 409 SFT. SEE SHEET 2 FOR DETAIL

PROPOSED 12-INCH CULVERT, CL F, EST. 117 FT AND 12 INCH CULVERT END SECTIONS, 2 EACH

PROTECT EXISTING UNDERGROUND FIBER OPTIC CABLE, ELECTRIC CABLE AND TELEPHONE CABLE.

PROPOSED PAVT MRKG, POLYUREA, ACCESSIBLE SYMBOL, EST. 1 EA.

SAWCUT EXISTING PAVEMENT TO A NEAT EDGE AS DIRECTED BY THE ENGINEER.

ZHOW-NOONG CIRCLE

AP-GISH-MOK BLVD

EXISTING BUILDING W/ 2' OVERHANG

SS-1540 RIM = 820.96

SS-1543 RIM = 820.47

Mid: 6+92.87

PC: 1+42.46

HORIZONTAL SCALE IN FEET
20 10 0 20 40

N

REV#	DATE	DESCRIPTION	BY

4241 Old US 27 S., Suite 1
PO Box 898
Gaylord, MI 49734
989.732.3584
www.wadetrim.com

WADE TRIM

LTBBOI
7500 ODAWA CIRCLE
HARBOR SPRINGS, MICHIGAN 49740
LEARS AND WAH-WAHS-NOO-DA-KE ROADS RESURFACING
PART B - ZHOW-NOONG CIR
PLAN VIEW

ISSUED FOR:	DATE:	BY:
Review	07/15/26	PMR
Final	09/22/26	PMR
Final Review	10/06/26	PMR
Bidding	11/04/26	PMR

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS - PART A: LEARS ROAD RESURFACING AND PART B: WAH-WAHS-NOO-DA-KE ROADS RESURFACING

JOB NO.
ODW2032.01G

SHEET
21

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PROJECT MANAGER: PAUL M REPISKY, PE
DRAWING FILENAME: C:\ODAWA\HARBOR SPRINGS\WAH-WA NOO DA KE MAINTENANCE.DWG PLOTTED 11/4/2026 12:44 PM BY REPISKY, PAUL