LOCATION MAP

LATITUDE: 40°21′20" LONGITUDE: 83°42′38" SCALE IN MILES

ROUTE ADTTRUCKS

22,950

4,110

USR 33

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

LOG-33-15.66

CITY OF BELLEFONTAINE LAKE & JEFFERSON TOWNSHIPS LOGAN COUNTY

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PROJECT DESCRIPTION

THE PROJECT CONSISTS OF MICROSURFACING USR 33 IN LOGAN COUNTY.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A* NOTICE OF INTENT EARTH DISTURBED AREA: N/A* *MAINTENANCE PROJECT

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

DATE 08/03/2020 DISTRICT DEPUTY DIRECTOR

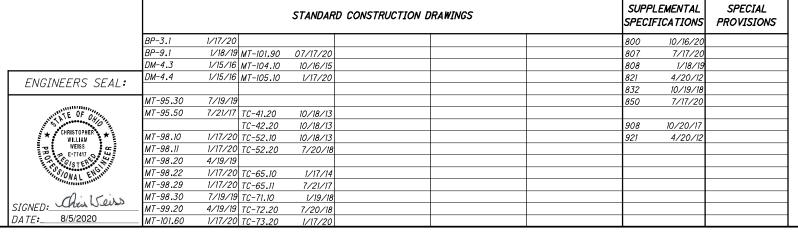
APPROVED_ DATE_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig

Before You Dia

OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

> PLAN PREPARED BY: ODOT DISTRICT 7 - ENGINEERING 1001 ST. MARYS AVE. SIDNEY, OHIO



PORTION TO BE IMPROVED _____

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G 0 THE WORK PROPOSED BY THIS PROJECT CONSISTS
OF MICROSURFACING OF THE EXISTING PAVEMENT. THE
ALIGNMENT OF THE EXISTING PAVEMENT WILL NOT BE CHANGED
AND THE PROFILE OF THE PROPOSED SURFACE WILL BE SIMILAR
TO THAT OF THE EXISTING PAVEMENT.

COORDINATION OF WORK:

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LOG-33-15.67 (PID 101175) LOG-CS-FY2021 (PID 113075) DO7-CHIP-FY21B (PID 109708)

THE CONTRACTOR IS ADVISED THAT ADJACENT CONSTRUCTION PROJECTS WITHIN OR NEAR THE WORK LIMITS OF THIS PLAN MAY IMPACT THE PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION AND/OR TRAFFIC CONTROL BETWEEN ADJACENT ZONES. THE CONTRACTOR IS REQUIRED TO COORDINATE ALL MAINTENANCE OF TRAFFIC OPERATIONS WITH ADJACENT CONSTRUCTION PROJECTS. COOPERATION WITH THE ENGINEER, INSPECTORS AND ALL OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT IS REQUIRED PER CMS 105.08.

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN (A) ITEM 253 - PAVEMENT REPAIR, AS PER PLAN (B)

PAVEMENT REPAIR SHALL BE IN ACCORDANCE WITH ITEM 253 - PAVEMENT REPAIR, WITH THE FOLLOWING ADDITIONS:

THE ENGINEER SHALL DESIGNATE THE LOCATIONS AND LIMITS OF THE AREAS TO BE REPAIRED. THE AREAS SHALL BE ROUGHLY RECTANGULAR IN SHAPE AND SAWED OR MILLED TO A NEAT LINE. THE DEPTH OF REMOVAL, AS DIRECTED BY THE ENGINEER, SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT. THE ENTIRE AREA INCLUDING VERTICAL FACES SHALL BE COATED PRIOR TO PLACING THE REPLACEMENT MATERIAL PER 253.03.

PAVEMENT REPAIR (A) AREAS SHALL BE A MINIMUM OF OF 12.5
FEET IN WIDTH, 25 FEET IN LENGTH AND 4 INCHES IN DEPTH OR
AS DIRECTED BY THE ENGINEER. THE REPLACEMENT MATERIAL
SHALL BE ITEM 442, ASPHALT CONCRETE INTERMEDIATE
COURSE, 9.5 MM, TYPE A, (448) AND FINISHED TO MATCH THE
EXSTING PAVEMENT SURFACE. SEALING THE PERIMETER OF THE
REPAIR AREA PER 253.03 IS INCLUDED IN THE PAYMENT OF
ITEM 253.

PAVEMENT REPAIR (B) AREAS ALONG THE LANE AND EDGE LINES SHALL BE A MINIMUM OF 2 FEET IN WIDTH AND 4 INCHES IN DEPTH OR AS DIRECTED BY THE ENGINEER. THE REPLACEMENT MATERIAL SHALL BE ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM TYPE A, (448), AND FINISHED TO MATCH THE EXSTING PAVEMENT SURFACE. SEALING THE PERIMETER OF THE REPAIR AREA PER 253.03 IS INCLUDED IN THE PAYMENT OF ITEM 253.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN (A) = 1500 SO YD
ITEM 253 - PAVEMENT REPAIR, AS PER PLAN (B) = 5500 SO YD

PAVEMENT MARKINGS

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DOCUMENT THE LAYOUT OF THE EXISTING PAVEMENT MARKINGS INCLUDING EXISTING LANE AND SHOULDER WIDTHS IN A LOG AND SUBMIT TO THE DEPARTMENT FOR ACCEPTANCE. THE DEPARTMENT WILL NOT ALLOW THE CONTRACTOR TO PERFORM ANY PAVEMENT WORK FUNCTIONS (MILLING, OVERLAY, ETC.) UNTIL ACCEPTANCE OF THE SUBMITTED EXISTING MARKING LOG.

MARKINGS SHALL REPLACED IN KIND EXCEPT WHERE EXISTING MARKINGS DO NOT MEET THE CURRENT STANDARD CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL COORDINATE AND CORRABORATE THE PROPOSED LAYOUT OF ALL PAVEMENT MARKINGS PER APPLICABLE STANDARD CONSTRUCTION DRAWINGS WITH ODOT.

NO PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, NOR RUMBLE STRIPS SHALL BE PLACED UNTIL THE ODOT PROJECT ENGINEER HAS APPROVED THE LOCATION AND/OR LAYOUT OF THE WORK ZONE PAVEMENT MARKINGS.

PAVEMENT MARKINGS ON INTERSECTING ROADWAYS

THE EDGE LINE SHALL BE CONTINUED AROUND ALL RADII TO MATCH THE EXISTING EDGE LINE OF THE INTERSECTING ROUTE. IF THE INTERSECTING ROUTE HAS A CENTER LINE MARKING, THE CENTER LINE SHALL BE RE-STRIPED OVER THE AREA OF RESURFACING.

PROTECTION OF THE MAD RIVER WATER TRAIL

THE CONTRACTOR MUST ENSURE THAT THE MAD RIVER CHANNEL
IN THE VICINITY OF SLM 21.10 REMAINS OPEN TO BOAT TRAFFIC.
IF NECESSARY TO PROTECT BOATERS DURING OVERHEAD WORK,
THE CONTRACTOR MAY DIRECT BOATERS THROUGH SIGNAGE OR A
LOOKOUT TO STEER TO A SPECIFIC SIDE OF THE CHANNEL.

RAL NOTES

GENERAL NO

		SI	HEET N	UM.					PA	RT.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE Sheet	ALCULATED TMK
				3	4	5	7	8	01/NHS/PV	02/SAF/0		EXT	TOTAL	0.411	BESONII FION	NO.	CALC
															PAVEMENT		-
		1		1,500	1				1,500		253	01001	1,500	SY	PAVEMENT REPAIR, AS PER PLAN (A)	3	1
				5,500					5,500		253	01001	5,500		PAVEMENT REPAIR, AS PER PLAN (B)	3	1
					1		100.700		100.700		401	10.010	100 700	CV	MICDOCLIDE FOING CLIDE FOE COLIDEE		-
		+		+	+		190,729		190,729		421 421	10010 10020	190,729 177,004	SY SY	MICROSURFACING, SURFACE COURSE MICROSURFACING, LEVELING COURSE		┨
							111,001		111,001		121	10020	111,001	31	mioricodii Adino, El Pelino Godinol		1
								35.07		35.07	850	10010	35.07		GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)		1
					1			7,428		7,428	850	10110	7,428		GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)		1
		+		+	+		1	7,201 0.87	1	7,201 0.87	850 850	10130 20010	7,201 0.87		GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)		┨
								240		240	850	20110	240		GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)		1
																	1
		1						163	<u> </u>	163	850	20130	163	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE)	!	1
															TRAFFIC CONTROL		┨
									655		621	00100	655	EACH	RPM		1
									655		621	54000	655		RAISED PAVEMENT MARKER REMOVED		1
		1			1				1 704			70000	7.704				┨
									7,364 7,668		644 644	30000 30000	7,364 7,668		REMOVAL OF PAVEMENT MARKING CHANNELIZING LINE, 12" REMOVAL OF PAVEMENT MARKING DOTTED LINE 6"		┨
									11.98		644	30030	11.98		REMOVAL OF PAVEMENT MARKING EDGE LINE 6" WHITE		1
									11.98		644	30030	11.98		REMOVAL OF PAVEMENT MARKING EDGE LINE 6" YELLOW		1
									11.98		644	30030	11.98	MILE	REMOVAL OF PAVEMENT MARKING LANE LINE 6"		1
		1		1				27.06	1	27.06	907	12010	27.06	MILE	WET DEELECTIVE EDOVY DAVEMENT MADVING EDGE LINE 6"		┨
								23.96 11.98		23.96 11.98	807 807	12010 12110	23.96 11.98		WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"		┨
								7,364		7,364	807	12310	7,364		WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"		1
								7,668		7,668	807	12410	7,668		WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"		1
																	1
		 		+	200		1		200		614	11110	200	⊔∩ПР	MAINTENANCE OF TRAFFIC LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		┨
		1		+	200	4			4		614	18601	4		PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5	1
								47.92	47.92		614	98000	47.92		WORK ZONE PAVEMENT MARKING, MISC.: WORK EDGE LINE, CLASS 1, 6", 807 PAINT	8	1
								35.94	35.94		614	98000	35.94	MILE	WORK ZONE PAVEMENT MARKING, MISC.: WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT	8	1
								22,092	22,092		614	98100	22,092	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT	8	ł
								23,004	23,004		614	98100	23,004	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE DOTTED LINE, CLASS 1, 6", 807 PAINT	8	1
																	1
		1			1	6	1		6		808	18700	6	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY		┨
		1		-					1						INCIDENTALS		┨
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				WIDTH	-INE	:NT MARKING, LANE LINE, 37 PAINT	E PAVEMENT MARKING, K EDGE LINE, CLASS 1,	ENT MARKING, CHANNELIZING , 807 PAINT	INT MARKING, OTTED LINE,	E EPOXY PAVEMENT : LINE, 6" WHITE)XY PAVEMENT , 6" YELLOW	DXY PAVEMEN' LINE, 6"	OXY PAVEMEN ⁻ ZING LINE, 12"	OXY PAVEMEN ⁻ D LINE, 6"	EPOXY PAVEMEN' LINE, 6" WHITE	E EPOXY PAVEMENT LINE, 6" YELLOW	OXY PAVEMEN' LINE, 6"	OXY PAVEMENT ZING LINE, 12"	OXY PAVEMEN ⁻ D LINE, 6"	" RECESSED 3, (ASPHALT)	" RECESSED 3, (ASPHALT)	" RECESSED 3, (ASPHALT)	" RECESSED , (CONCRETE)	" RECESSED , (CONCRETE)	" RECESSED
	ROUTE	SLM / L	OCATION	LANE W	SOLID LINE EQUIVALENT	WORK ZONE PAVEMENT MARKING MISC: WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT	ZONE WOR! 6'	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT	K ZONE PAVEMENT .::WORK ZONE DOTT CLASS 1, 6", 807 F	WET REFLECTIVE EPO MARKING, EDGE LINI	WET REFLECTIVE EPOXY MARKING, EDGE LINE, 6"	REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"	REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"	WET REFLECTIVE EPO MARKING, EDGE LIN	WET REFLECTIVE EPO MARKING, EDGE LINI	REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	WET REFLECTIVE EPOXY MARKING, CHANNELIZING	REFLECTIVE EPOXY PAVEME MARKING, DOTTED LINE, 6"	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	GROOVING FOR 6" F PAVEMENT MARKING,	GROOVING FOR 12" F PAVEMENT MARKING,	GROOVING FOR 6" PAVEMENT MARKING,	GROOVING FOR 6" RECESSED AVEMENT MARKING, (CONCRETE)	GROOVING FOR 12: AVEMENT MARKING
						WORK MISC	WORK MISC.:	WORK MISC. LINE	WORK MISC.:\	WET RE MARKI	WET RE	WET RE	WET RE	WET RE MAI	WET RE	WET RE MARKI	WET RE	WET RE MARKII	WET RE	GRC	GRC	GRO	GRC	GRC	GRO
_		FROM	ТО	FT	MILE	MILE	MILE	FT	FT	MILE	MILE	MILE	FT	FT	MILE	MILE	MILE	FT	FT	MILE	FT	FT	MILE	FT	FT
l	LOG-33EB	15.66	21.51							0.15	0.15	0.15			5.7	5.7	5.7			17.1			0.45		
	LOG-33WB	15.66	21.79							0.14	0.14	0.14			5.99	5.99	5.99			17.97			0.42		
	LOG-33	SLM 15.67 US-68 to US	-33 WB ENTRANCE RAMP															614				614			
	LOG-33		-33 EB ENTRANCE RAMP											240				980	510		510	980		240	
	LOG-33	SLM 15.67 US-33 WB																540	300		300	540			
2	LOG-33	SLM 17.21 US-33EB †	o SR-540 EXIT RAMP S-33WB ENTRANCE RAMP			<u> </u>												340 760	630 815		630 815	340 760			
	LOG-33		S-33EB ENTRANCE RAMP															730	1005		1005	730			
!	LOG-33	SLM 17.21 US-33WB †	o SR-540 EXIT RAMP															382	607		607	382			
2	LOG-33	SLM 19.88 US-33EB	to CR-10 EXIT RAMP															415	600		600	415			
	LOG-33	SLM 19.88 CR-10 to US																568	815		815	568			
	LOG-33	SLM 19.88 CR-10 to US SLM 19.88 US-33WB	5-33EB ENTRANCE RAMP															800 535	865 510		865 510	800 535			
-	LOG-33	3LM 19.00 U3-33WB	TO CK-TO EXIT KAMP			1												555	310		310	333			
!	LOG-33	SLM 21.97 SR-292 TO U	S-33WB ENTRANCR RAMP										163					537	771		771	537			163
-	LOG-33EB	15.66	21.51			17.55	23.4																		
	LOG-33WB	15.66	21.79			18.39	24.52																		
	LOG-33		-33 WB ENTRANCE RAMP					1842																	
	LOG-33		-33 EB ENTRANCE RAMP					2940	2250																
	LOG-33	SLM 15.67 US-33 WB	TO US-68 EXIT RAMP			<u> </u>		1620	900																
+	LOG-33	SLM 17.21 US-33EB †	o SR-540 EXIT RAMP					1020	1890																
	LOG-33		S-33WB ENTRANCE RAMP					2280	2445																
	LOG-33		S-33EB ENTRANCE RAMP					2190	3015																
-	LOG-33	SLM 17.21 US-33WB 1	O SR-540 EXIT RAMP			1		1146	1821																
\dashv	LOG-33	SLM 19.88 US-33EB	to CR-10 EXIT RAMP					1245	1800																
	LOG-33		S-33WB ENTRANCE RAMP					1704	2445																
	LOG-33	SLM 19.88 CR-10 to US SLM 19.88 US-33WB				1		2400 1605	2595 1530																
+	L00 33	3EM 13.00 03 33MB	TO OR TO EXTERNAL					1000	1000																
	LOG-33	SLM 21.97 SR-292 TO U	S-33WB ENTRANCR RAMP					2100	2313																
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					1	35.94	47.92	22092	23004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					2	0	0	0	0	0.29	0.29	0.29	163	240	11.69	11.69	11.69	7201	7428	35.07	7428	7201	0.87	240	163

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	PARTICIPATION	ROUTE	SLM / I	LOCATION	LANE WIDTH	SOLID LINE EQUIVALENT	REMOVAL OF PAVEMENT MARKING 9 CHANNELIZING LINE, 12"	REMOVAL OF PAVEMENT MARKING 9 DOTTED LINE 6"	REMOVAL OF PAVEMENT MARKING 9 EDGE LINE 6" WHITE	REMOVAL OF PAVEMENT MARKING 9 EDGE LINE 6" YELLOW	REMOVAL OF PAVEMENT MARKING PB LANE LINE 6" PB						CALCULATED BAB CHECKED TMK
\bigcirc			FROM	ТО	FT	MILE	FT	FT	MILE	MILE	MILE						
	1	LOG-33	15.66	21.79			7364	7668	11.98	11.98	11.98						 →
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P		TC	OTALS CARRIED TO	O GENERAL SUMMA	\RY		7364	7668	11.98	11.98	11.98						9