

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

# LOG-33-15.66

CITY OF BELLEFONTAINE  
LAKE & JEFFERSON TOWNSHIPS  
LOGAN COUNTY

**PROJECT DESCRIPTION**

THE PROJECT CONSISTS OF MICROSURFACING USR 33 IN LOGAN COUNTY.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: N/A\*  
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.

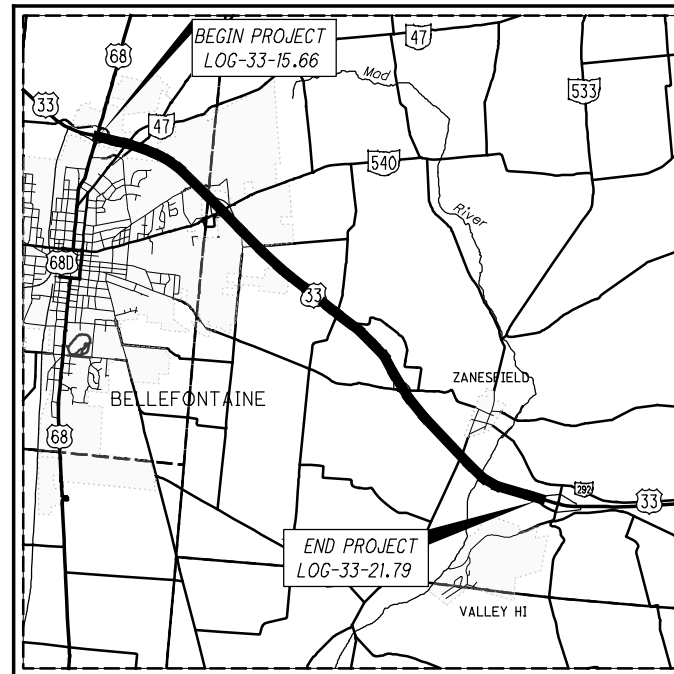
**2019 SPECIFICATIONS**

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.

APPROVED:   
DATE 08/03/2020 DISTRICT DEPUTY DIRECTOR

APPROVED: \_\_\_\_\_  
DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION



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ROUTE	ADT	TRUCKS
USR 33	22,950	4,110

**UNDERGROUND UTILITIES**  
Contact Two Working Days Before You Dig

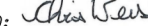


OHIO811, 8-1-1, or 1-800-362-2764  
(Non-members must be called directly)

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

ENGINEERS SEAL:



SIGNED:   
DATE: 8/5/2020

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/17/20			800	10/16/20
BP-9.1	1/18/19	MT-101.90	07/17/20	807	7/17/20
DM-4.3	1/15/16	MT-104.10	10/16/15	808	1/18/19
DM-4.4	1/15/16	MT-105.10	1/17/20	821	4/20/12
				832	10/19/18
				850	7/17/20
MT-95.30	7/19/19				
MT-95.50	7/21/17	TC-41.20	10/18/13		
		TC-42.20	10/18/13	908	10/20/17
MT-98.10	1/17/20	TC-52.10	10/18/13	921	4/20/12
MT-98.11	1/17/20	TC-52.20	7/20/18		
MT-98.20	4/19/19				
MT-98.22	1/17/20	TC-65.10	1/17/14		
MT-98.29	1/17/20	TC-65.11	7/21/17		
MT-98.30	7/19/19	TC-71.10	1/19/18		
MT-99.20	4/19/19	TC-72.20	7/20/18		
MT-101.60	1/17/20	TC-73.20	1/17/20		

FEDERAL PROJECT NO. E170 (178)  
PID NO. 101175  
CONSTRUCTION PROJECT NO. 00000  
RAILROAD INVOLVEMENT NONE  
LOG-33-15.66  
1/9

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**ALIGNMENT AND PROFILE**

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:**

LOG-33-15.67 (PID 101175)  
LOG-CS-FY2021 (PID 113075)  
D07-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 DETEIORATED 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 SQ YD  
ITEM 253 - PAVEMENT REPAIR, AS PER PLAN (B) = 5500 SQ 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.

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CALCULATED  
TMK  
CHECKED  
CWW

GENERAL NOTES

LOG-33-15.66



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SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	7	8	01/NHS/PV	02/SAF/OT												
<b>PAVEMENT</b>																		
1,500							1,500	253	01001	1,500	SY	PAVEMENT REPAIR, AS PER PLAN (A)	3					
5,500							5,500	253	01001	5,500	SY	PAVEMENT REPAIR, AS PER PLAN (B)	3					
				190,729			190,729	421	10010	190,729	SY	MICROSURFACING, SURFACE COURSE						
				177,004			177,004	421	10020	177,004	SY	MICROSURFACING, LEVELING COURSE						
				35.07			35.07	850	10010	35.07	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)						
				7,428			7,428	850	10110	7,428	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)						
				7,201			7,201	850	10130	7,201	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)						
				0.87			0.87	850	20010	0.87	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)						
				240			240	850	20110	240	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)						
				163			163	850	20130	163	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE)						
<b>TRAFFIC CONTROL</b>																		
							655	621	00100	655	EACH	RPM						
							655	621	54000	655	EACH	RAISED PAVEMENT MARKER REMOVED						
							7,364	644	30000	7,364	FT	REMOVAL OF PAVEMENT MARKING CHANNELIZING LINE, 12"						
							7,668	644	30000	7,668	FT	REMOVAL OF PAVEMENT MARKING DOTTED LINE 6"						
							11.98	644	30030	11.98	MILE	REMOVAL OF PAVEMENT MARKING EDGE LINE 6" WHITE						
							11.98	644	30030	11.98	MILE	REMOVAL OF PAVEMENT MARKING EDGE LINE 6" YELLOW						
							11.98	644	30030	11.98	MILE	REMOVAL OF PAVEMENT MARKING LANE LINE 6"						
				23.96			23.96	807	12010	23.96	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"						
				11.98			11.98	807	12110	11.98	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"						
				7,364			7,364	807	12310	7,364	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"						
				7,668			7,668	807	12410	7,668	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"						
<b>MAINTENANCE OF TRAFFIC</b>																		
				200			200	614	11110	200	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE						
					4		4	614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5					
				47.92			47.92	614	98000	47.92	MILE	WORK ZONE PAVEMENT MARKING, MISC.: WORK EDGE LINE, CLASS 1, 6", 807 PAINT	8					
				35.94			35.94	614	98000	35.94	MILE	WORK ZONE PAVEMENT MARKING, MISC.: WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT	8					
				22,092			22,092	614	98100	22,092	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT	8					
				23,004			23,004	614	98100	23,004	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE DOTTED LINE, CLASS 1, 6", 807 PAINT	8					
					6		6	808	18700	6	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY						
<b>INCIDENTALS</b>																		
							LS	614	11000	LS		MAINTAINING TRAFFIC						
							LS	624	10000	LS		MOBILIZATION						

**GENERAL SUMMARY**

**LOG-33-15.66**





