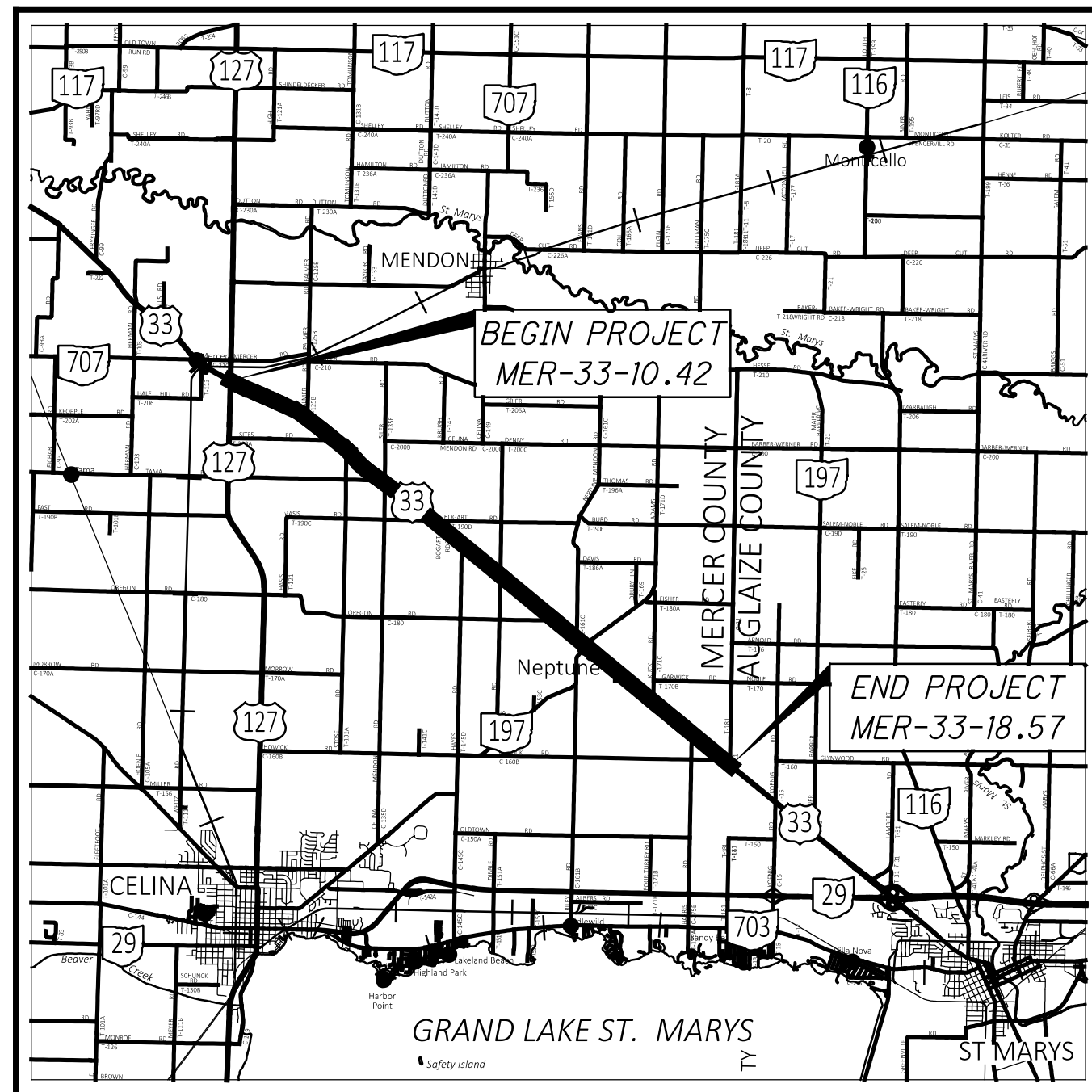


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MER-33-10.42

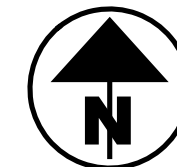
DUBLIN & CENTER TOWNSHIPS

MERCER COUNTY



LOCATION MAP

LATITUDE: 40°37'06" LONGITUDE: 84°31'00"



PORTION TO BE IMPROVED

ROUTE	LOCATION	ADT	TRUCKS
MER-33	SLM 10.42 TO 18.57	7255	2635

INDEX OF SHEETS:

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3, 4A
GENERAL SUMMARY	5
PAVEMENT SUBSUMMARY	6
WALK DETAILS	7-9
DRIVE DETAILS	10
TRAFFIC CONTROL SUBSUMMARIES	11-12
STRUCTURES	13-14



FEDERAL PROJECT NUMBER

E200 (267)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF RESURFACING WITH ASPHALT CONCRETE OF USR 33 IN MERCER COUNTY.

PROJECT LOCATIONS

PARTICIPATION 1 = 01/NHS/05
MER-33-SLM 10.42 TO 18.57 AND ALPHA ST. & JACKSON ST. WALK REPLACEMENTS

PARTICIPATION 2 = 02/STR/28
SR 197 & SOUTH STREET WALK REPLACEMENTS

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: NA*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: NA*
NOTICE OF INTENT EARTH DISTURBED AREA: NA*

* MAINTENANCE PROJECT

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON 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.

DISTRICT DEPUTY DIRECTOR

John W. O'Brien
John W. O'Brien
07

DIRECTOR, DEPARTMENT OF TRANSPORTATION

Justin M. ...

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

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

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/21/22			800	4/21/23
BP-3.2	1/18/19				
BP-7.1	1/20/23	TC-41.20	10/18/13	832	7/15/22
DM-4.3	1/15/16	TC-42.20	10/18/13	872	1/21/22
DM-4.4	1/15/16	TC-52.10	10/18/13	874	4/17/20
		TC-52.20	1/15/21	875	1/18/19
		TC-64.10	1/20/23		
MT-97.10	4/19/19	TC-65.10	1/17/14		
MT-97.12	1/20/17	TC-65.11	7/15/22		
MT-99.20	4/19/19	TC-71.10	7/15/22		
MT-101.90	7/17/20				
MT-105.10	1/17/20				

ENGINEER'S SEAL
ROADWAY

MER-33-10.42

DESIGN AGENCY
DESIGNER
TMK
REVIEWER
CWW 3-1-23
PROJECT ID
109726
SHEET
P.1
TOTAL
14

MER-33-10.42

MODEL: Sheet_SurvFI PAPER SIZE: 34x42 (in.) DATE: 7/27/2023 TIME: 12:56:52 PM USER: iknapke
pvc:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 07\Mercer\109726\400-Engineering\Roadway\Sheets\109726_G1001.dgn

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

* DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

* DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

* FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 8 HOURS.

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

DESIGN AGENCY



DESIGNER
TMK


REVIEWER
BAB 7/27/23

PROJECT ID
109726

SHEET TOTAL
P.4A 14

SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	3	4	4A	6	7	8	9	11	12	14	01/NHS/05	02/STR/28							
					29	131	62				131	91	202	30000	222	SF	ROADWAY		
					101	165	89				165	190	608	10000	355	SF	WALK REMOVED		
					24	32	16				32	40	608	53020	72	SF	4" CONCRETE WALK		
	9										9		SPECIAL	69050350	9	EACH	DETECTABLE WARNING	3	
					2	2	1				2	3	659	10000	5	SY	MAILBOX REMOVED AND RESET		
																	EROSION CONTROL		
																	SEEDING AND MULCHING		
																	PAVEMENT		
	950										950		251	01041	950	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN	3	
										2,404	2,404		254	01000	2,404	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" Depth		
					151,708						151,708		254	01000	151,708	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1" Depth		
					5,067					1,798	6,865		254	01000	6,865	SY	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth		
	200										200		254	01601	200	SY	PATCHING PLANED SURFACE, AS PER PLAN	3	
											20		301	56001	20	CY	ASPHALT CONCRETE BASE, (449), AS PER PLAN, PG64-22	3	
					13,326					357	13,683		407	20000	13,683	GAL	NON-TRACKING TACK COAT		
					6,532					175	6,707		442	10001	6,707	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	3	
					1,036						1,036		617	10100	1,036	CY	COMPACTED AGGREGATE		
		14.98									14.98		618	41000	14.98	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)		
		7.49									7.49		618	43000	7.49	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)		
		7.49									7.49		874	21000	7.49	MILE	LONGITUDINAL JOINT PREPARATION		
																	TRAFFIC CONTROL		
											570		621	00100	570	EACH	RPM		
											570		621	54000	570	EACH	RAISED PAVEMENT MARKER REMOVED		
								16.5			16.5		642	00104	16.5	MILE	EDGE LINE, 6", TYPE 1		
								8.22			8.22		642	00300	8.22	MILE	CENTER LINE, TYPE 1		
								145			145		644	00400	145	FT	CHANNELIZING LINE, 8"		
								40			40		644	00500	40	FT	STOP LINE		
								2			2		644	01300	2	EACH	LANE ARROW		
								12			12		644	40000	12	EACH	AIR SPEED ZONE MARKING		
																	STRUCTURE REPAIR (MER-33-1250)		
											203	203	516	31001	203	FT	JOINT SEALER, AS PER PLAN	13	
																	STRUCTURE REPAIR (MER-33-1503)		
											203	203	516	31001	203	FT	JOINT SEALER, AS PER PLAN	13	
																	STRUCTURE REPAIR (MER-33-1600)		
											176	176	516	31001	176	FT	JOINT SEALER, AS PER PLAN	13	
																	STRUCTURE REPAIR (MER-33-1650)		
											194	194	516	31001	194	FT	JOINT SEALER, AS PER PLAN	13	
																	MAINTENANCE OF TRAFFIC		
													8	614	11110	8	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	2
											66		614	12460	66	EACH	WORK ZONE MARKING SIGN		
											16.44		614	21100	16.44	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT		
											290		614	23680	290	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
											80		614	26610	80	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
											4		614	30650	4	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT		
													LS	614	11000	LS	MAINTAINING TRAFFIC		
													LS	624	10000	LS	MOBILIZATION		

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER: TMK
 REVIEWER: TMK
 CWW 3-1-23
 PROJECT ID: 109726
 SHEET TOTAL: P.5 14