



LOCATION MAP

LATITUDE: 39°42'55" LONGITUDE: 84°12'56"



PORTION TO BE IMPROVED .....

ROUTE	LOCATION	ADT	TRUCKS
MOT-741	SLM 8.43 TO 9.54	24,600	1330

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES

Contact Two Working Days  
Before You Dig

  
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

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

MOT-741-8.43

CITY OF MORaine  
MONTGOMERY COUNTY

INDEX OF SHEETS:

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3-4
GENERAL SUMMARY	5
PAVEMENT SUBSUMMARY	6
TRAFFIC CONTROL SUBSUMMARIES	7-8

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24					800	1/17/25
		TC-41.20	10/18/13				
DM-4.3	1/15/16	TC-42.20	10/18/13			821	4/20/12
DM-4.4	1/15/16	TC-52.10	10/18/13			832	7/19/24
		TC-52.20	1/15/21			921	7/19/24
MT-95.30	7/19/19						
MT-95.31	7/19/19	TC-65.10	1/17/14				
MT-95.32	4/19/19	TC-65.11	1/19/24				
MT-97.10	4/19/19	TC-71.10	4/21/23				
MT-97.12	1/20/17	TC-74.10	7/21/23				
MT-99.20	4/19/19						
MT-101.90	7/17/20						
MT-105.10	1/17/20						

FEDERAL PROJECT NUMBER

E230 (278)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF RESURFACING WITH ASPHALT CONCRETE OF SR 741 IN MONTGOMERY COUNTY.

PROJECT LOCATIONS

PARTICIPATION 1 = 01/NHS/05  
MOT-741-SLM 8.43 TO 9.54

EARTH DISTURBED AREAS

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

\* 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.

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

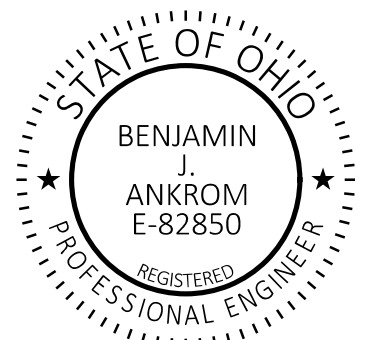
  
John W. O'Brien  
07

DIRECTOR, DEPARTMENT OF TRANSPORTATION

  
Pamela Boratyn

ENGINEER'S SEAL

ROADWAY



DESIGN AGENCY



DESIGNER

TMK

REVIEWER

BJA 2-14-25

PROJECT ID

111539

SHEET

P.1

TOTAL

8



ALIGNMENT AND PROFILE

THE WORK PROPOSED BY THIS PROJECT CONSISTS OF RESURFACING 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.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR  
(ASPHALT CONCRETE BASE), AS PER PLAN

THE PAVEMENT REPAIRS SHALL BE IN ACCORDANCE WITH ITEM 251 - PARTIAL DEPTH 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 REPLACEMENT MATERIAL SHALL BE ITEM 301 - ASPHALT CONCRETE BASE, (449), PG64-22.

THE ESTIMATED PAVEMENT REPAIR AREAS SHALL BE A MINIMUM OF 4 FEET IN WIDTH. THE DEPTH SHALL BE 4 INCHES MEASURED FROM THE MILLED SURFACE OR DOWN TO THE TOP OF THE CONCRETE BASE, WHATEVER IS LESS, OR AS DIRECTED BY THE ENGINEER.

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

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR  
(ASPHALT CONCRETE BASE), AS PER PLAN = 750 SY

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG76-22M

THE MATERIAL USED FOR THE RESURFACING SHALL CONSIST OF TWO INCHES (2") OF ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, (448), AS PER PLAN. THE BINDER SHALL BE PG76-22M.

ITEM 690 - SPECIAL, BOLLARDS REMOVED AND REINSTALLED

THIS WORK SHALL CONSIST OF REMOVING AND REINSTALLING EXISTING BOLLARDS ALONG THE SOUTHBOUND LEFT TURN LANE TO DOROTHY LANE. THE CONTRACTOR SHALL TAKE GREAT CARE IN REMOVING THE BOLLARDS PRIOR TO MILLING/PAVING OF THE DRIVE. THE BOLLARDS SHALL BE REINSTALLED AFTER PAVING HAS BEEN COMPLETED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT FOR DAMAGED OR IMPROPER HANDLING ON THEIR PART AS DIRECTED BY THE ENGINEER.

PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT NEEDED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 690 - SPECIAL, BOLLARDS REMOVED AND REINSTALLED.

ITEM SPECIAL - BOLLARDS REMOVED AND REINSTALLED 22 EACH

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE

AN ESTIMATED QUANTITY OF ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE HAS BEEN CARRIED TO THE GENERAL SUMMARY AND INCLUDED IN THE PLANS TO BE USED AS DIRECTED BY THE ENGINEER.

THE APPROXIMATE DEPTH OF PAVEMENT PLANING SHALL BE TWO INCHES (2") AS SHOWN ON THE TYPICAL SECTIONS.

THE APPROXIMATE WIDTH OF THE PAVEMENT PLANING WILL VARY FROM 27.0' TO 68.5'.

NO MILLED SURFACE SHALL BE EXPOSED FOR MORE THAN 72 HOURS UNLESS APPROVED BY THE ENGINEER.

THERE ARE FIVE (5) INTERSECTIONS WITHIN THE LIMITS OF THE PAVEMENT PLANING. THERE ARE FIVE (5) STREETS THAT THE PROJECT WILL TIE INTO AT THESE FIVE (5) INTERSECTIONS.

THERE ARE APPROXIMATELY FIFTEEN (15) CASTINGS WITHIN THE PLANING AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL LABOR AND EQUIPMENT NECESSARY TO MAINTAIN TRAFFIC AROUND THE CASTINGS AND SHALL INCLUDE THE COST IN THE UNIT PRICE BID FOR: ITEM 614 - MAINTAINING TRAFFIC

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

ITEM 611 - MANHOLE ADJUSTED TO GRADE = 10 EACH  
ITEM 638 - VALVE BOX ADJUSTED TO GRADE = 5 EACH

ANY CASTINGS THAT REQUIRE ADJUSTING DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE ADJUSTMENTS OF CASTINGS SHALL BE INCLUDED IN ITEMS 611 & 638. ANY NEW CASTINGS REQUIRED SHALL BE FURNISHED TO THE CONTRACTOR BY THE CITY OF MORaine AND BY THE MONTGOMERY COUNTY ENVIRONMENTAL SERVICES. ADJUSTING DEVICES ON MANHOLE COVERS ARE PROHIBITED.

ITEM 254 - PATCHING PLANED SURFACE, AS PER PLAN

PAVEMENT AREAS DESIGNATED FOR PATCHING AFTER PAVEMENT PLANING OPERATION SHALL BE MILLED 2 INCHES (2") IN DEPTH AND PATCHED PER 254.04.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 254 - PATCHING PLANED SURFACE, AS PER PLAN = 300 SY

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 OR RAISED PAVEMENT MARKERS SHALL BE PLACED UNTIL THE ODOT PROJECT ENGINEER HAS APPROVED THE LOCATION AND/OR LAYOUT OF THE WORK ZONE PAVEMENT MARKINGS.

GENERAL NOTES

DESIGN AGENCY



DESIGNER

TMK

REVIEWER

BJA 2-14-25

PROJECT ID

111539

SHEET

P.3

TOTAL

8

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 6/6/2025 TIME: 1:56:45 PM USER: knapke  
pw:\lohiodot-pw.bentley.com:lohiodot-pw-02\Documents\01 Active Projects\District 07\Montgomer

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
							3	4	6	7	8		01/NHS/05							
							22						22	SPECIAL	69098000	22	EACH	BOLLARDS REMOVED AND REINSTALLED	ROADWAY	3
							10						10	611	99654	10	EACH	MANHOLE ADJUSTED TO GRADE	DRAINAGE	
							750						750	251	01041	750	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN	PAVEMENT	3
									34,170				34,170	254	01000	34,170	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 2" Depth		
							300						300	254	01601	300	SY	PATCHING PLANED SURFACE, AS PER PLAN		3
									2,908				2,908	407	20000	2,908	GAL	NON-TRACKING TACK COAT		
									1,902				1,902	442	20001	1,902	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG76-22M		3
							5						5	638	10800	5	EACH	VALVE BOX ADJUSTED TO GRADE	WATER WORK	
											270		270	621	00100	270	EACH	RPM	TRAFFIC CONTROL	
											270		270	621	54000	270	EACH	RAISED PAVEMENT MARKER REMOVED		
										0.85			0.85	644	00104	0.85	MILE	EDGE LINE, 6"		
										1.44			1.44	644	00204	1.44	MILE	LANE LINE, 6"		
										1.19			1.19	644	00300	1.19	MILE	CENTER LINE		
											390		390	644	00404	390	FT	CHANNELIZING LINE, 12"		
											178		178	644	00500	178	FT	STOP LINE		
											116		116	644	00700	116	FT	TRANSVERSE/DIAGONAL LINE		
											48		48	644	00720	48	FT	CHEVRON MARKING		
											16		16	644	01300	16	EACH	LANE ARROW		
											500		500	644	01510	500	FT	DOTTED LINE, 6"		
											0.15		0.15	646	10200	0.15	MILE	CENTER LINE		
											780		780	646	10310	780	FT	CHANNELIZING LINE, 12"		
											192		192	646	10400	192	FT	STOP LINE		
											344		344	646	10510	344	FT	CROSSWALK LINE, 12"		
										8			8	646	20300	8	EACH	LANE ARROW		
								120					120	614	11110	120	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	MAINTENANCE OF TRAFFIC	
										2.88			2.88	614	20560	2.88	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT		
										2.68			2.68	614	21550	2.68	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
										2,340			2,340	614	23680	2,340	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
										428			428	614	26610	428	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
											48		48	614	30650	48	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT		
													LS	614	11000	LS		MAINTAINING TRAFFIC	INCIDENTALS	
													LS	624	10000	LS		MOBILIZATION		

## GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
TMK

REVIEWER
BJA 2-14-25

PROJECT ID	111539
------------	--------

SHEET	TOTAL
P.5	8