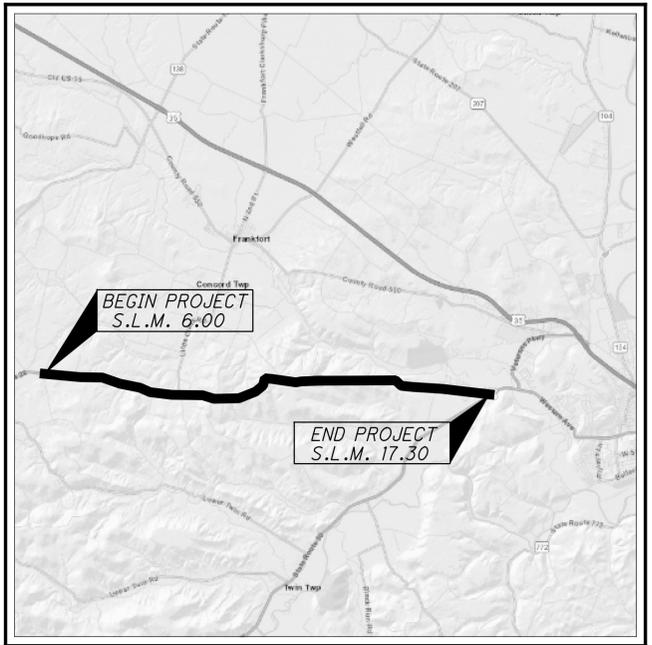


S.R. 28



LOCATION MAP

LATITUDE: 39°21'11" LONGITUDE: 83°9'59"

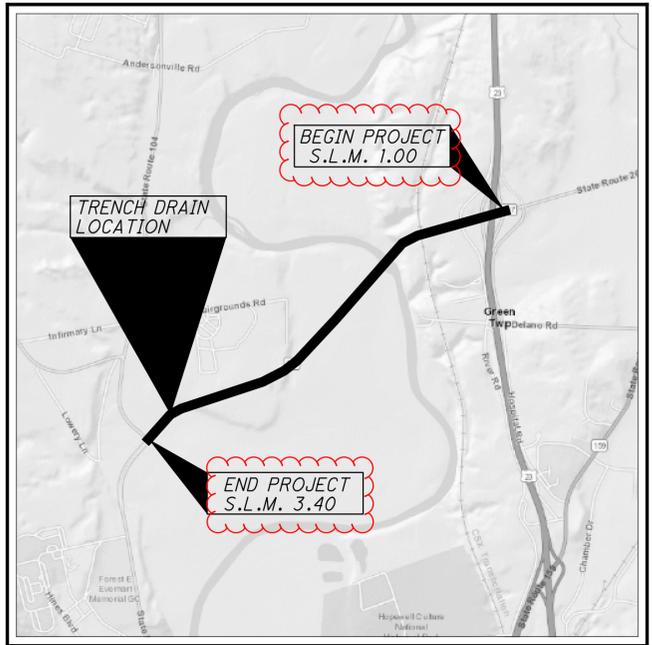


PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

DESIGN DESIGNATION

CURRENT ADT (2022)	2,192
DESIGN HOURLY VOLUME (2022)	200
DIRECTIONAL DISTRIBUTION	63%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR	
NHS PROJECT	NO

S.R. 207



LOCATION MAP

LATITUDE: 39°24'59" LONGITUDE: 82°58'26"

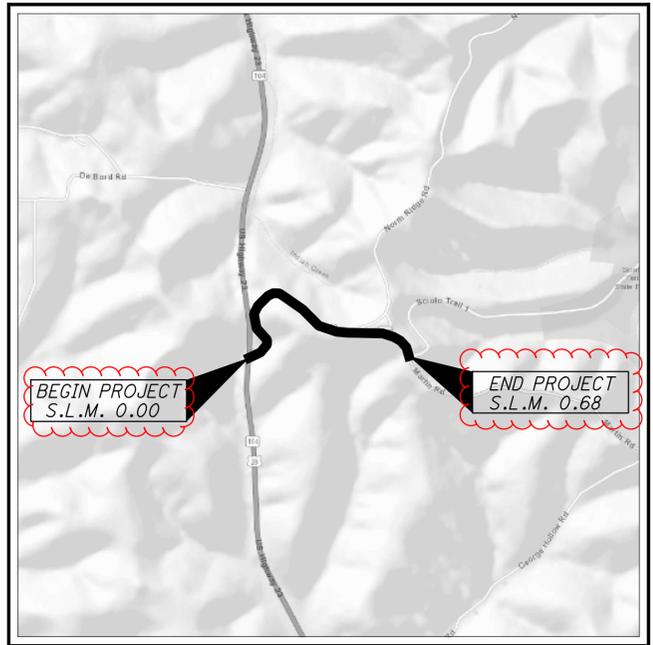


PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

DESIGN DESIGNATION

CURRENT ADT (2022)	11,050
DESIGN HOURLY VOLUME (2022)	1,258
DIRECTIONAL DISTRIBUTION	57%
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR	
NHS PROJECT	NO

S.R. 372



LOCATION MAP

LATITUDE: 39°12'53" LONGITUDE: 82°59'1"



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

DESIGN DESIGNATION

CURRENT ADT (2022)	284
DESIGN HOURLY VOLUME (2022)	27
DIRECTIONAL DISTRIBUTION	56%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
06 MINOR COLLECTOR	
NHS PROJECT	NO

DESIGN AGENCY



DESIGNER
ZDR

REVIEWER

DMB 10-19-23

PROJECT ID
114628

SHEET TOTAL
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ITEM 614, MAINTAINING TRAFFIC

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAME(S) AND TELEPHONE NUMBER(S) OF A PERSON OR PERSONS WHO CAN BE CONTACTED TWENTY-FOUR (24) HOURS PER DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR WILL ADVISE THE DISTRICT PUBLIC INFORMATION OFFICER AT (740) 774-8834, OR FAX (740) 773-2710 FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE PROJECT ENGINEER WILL PROVIDE ASSISTANCE/CLARIFICATION FOR ANY QUESTIONS.

THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

A MINIMUM OF 1 LANE(S) OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND THE COMPLETED PAVEMENT.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 CALENDAR DAYS PRIOR TO CLOSURE
START OF CONST. & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO CLOSURE

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614, WORK ZONE MARKING SIGN	61 EACH
ITEM 614, WORK ZONE EDGE LINE, CLASS III, 642 PAINT	83.56 MILE
ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642 PAINT	43.08 MILE
ITEM 614, WORK ZONE STOP LINE, CLASS III, 642 PAINT	216 FT
ITEM 614, WORK ZONE LANE LINE, CLASS III, 642 PAINT	1.48 MILE
ITEM 614, WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT	8698 FT
ITEM 614, WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 12", 642 PAINT	1664 FT
ITEM 614, WORK ZONE ARROW, CLASS III, 642 PAINT	80 EACH
ITEM 614, WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT	484 SF

DESIGN AGENCY



DESIGNER

ZDR

REVIEWER

DMB 10-19-23

PROJECT ID

114628

SHEET TOTAL

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ROS-28/207/372/772/104-6.00/1.00/0.00/0.00/17.82

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 1/22/2024 TIME: 12:34:07 PM USER: zrockwell
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SHEET NUM.										PART.					ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
5	9	10	11	12	13	14	15	16	17	01/STR/05	02/NFA/05	03/S5K/05	04/NHS/47	05/S5K/47						
PAVEMENT																				
2,800										1,880	300	620			251	01000	2,800	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
30										30					253	01001	30	SY	PAVEMENT REPAIR, AS PER PLAN	5
61,095										43,469	209	17,417			254	01600	61,095	SY	PATCHING PLANED SURFACE	
841										504	25	312			617	10100	841	CY	COMPACTED AGGREGATE	
75										5		70			620	31200	75	EACH	REMOVAL OF DELINEATOR	
75										5		70			620	70000	75	EACH	DELINEATOR, MISC.: PEXCO FG300	5
1										1					632	26500	1	EACH	DETECTOR LOOP	
3												3			611	98371	3	EACH	CATCH BASIN, NO. 6, AS PER PLAN	5
0.75												0.75			602	20000	0.75	CY	CONCRETE MASONRY	
21												21			202	98400	21	SF	REMOVAL MISC.: TRENCH DRAIN REMOVED	5
	152,247	36,140	24,615	1,046	81,131	10,295				217,344	1,046	87,084			254	01000	305,474	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
	12,941	3,072	2,299	753	6,896	875				18,474	753	7,609			407	20000	26,836	GAL	NON-TRACKING TACK COAT	
	6,344	1,506	1,127	369	3,380	428				9,055	369	3,730			441	50000	13,154	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
		0.96	0.64									1.6			618	43000	1.6	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
		1.92	1.28									3.2			618	41000	3.2	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
		0.96	0.64				0.37					1.6			874	21000	1.6	MILE	LONGITUDINAL JOINT PREPARATION	
		2.4	1.6							0.05		4.32			209	60500	4.37	MILE	LINEAR GRADING	
				50							50				441	50201	50	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN	12
TRAFFIC CONTROL																				
								41.06		32.63	1.43	7			644	00104	41.06	MILE	EDGE LINE, 6"	
								21.18		16.35	0.69	4.14			644	00300	21.18	MILE	CENTER LINE	
								108			32	76			644	00500	108	FT	STOP LINE	
								0.66				0.66			644	00204	0.66	MILE	LANE LINE, 6"	
								4,270		348		3,922			644	00404	4,270	FT	CHANNELIZING LINE, 12"	
								832		48		784			644	00700	832	FT	TRANSVERSE/DIAGONAL LINE	
								40		2		38			644	01300	40	EACH	LANE ARROW	
								242				242			644	00900	242	SF	ISLAND MARKING	
								1,261				1,261			644	01200	1,261	FT	PARKING LOT STALL MARKING	
								0.72				0.72			646	10010	0.72	MILE	EDGE LINE, 6"	
								0.36				0.36			646	10200	0.36	MILE	CENTER LINE	
								79				79			646	10310	79	FT	CHANNELIZING LINE, 12"	
								0.08				0.08			646	10110	0.08	MILE	LANE LINE, 6"	
								1,943		1,355	177	411			621	54000	1,943	EACH	RAISED PAVEMENT MARKER REMOVED	
								1,943		1,355	177	411			621	00100	1,943	EACH	RPM	
STRUCTURE REPAIR (ROS-207-1.07 SFN: 7104847)																				
									2,076				2,076		512	10400	2,076	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
									210				210		512	10300	210	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	
STRUCTURE REPAIR (ROS-207-1.68 SFN: 7104901)																				
							56							56	441	50000	56	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, 1.5"	
							56							56	441	50000	56	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, VARIABLE THICKNESS	
							1,200							1,200	254	01000	1,200	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
							134							134	254	01010	134	SY	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, 1.5"	
							216							216	407	10000	216	GAL	TACK COAT	
							12							12	407	13900	12	GAL	TACK COAT, 702.13	
							47							47	516	31001	47	FT	JOINT SEALER, AS PER PLAN	15
								6,640					6,640		512	10400	6,640	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
								665					665		512	10300	665	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	
STRUCTURE REPAIR (ROS-207-2.46 SFN: 7104928)																				
									2,243				2,243		512	10400	2,243	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
									225				225		512	10300	225	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 ZDR
 REVIEWER
 DMB 10-19-23
 PROJECT ID
 114628
 SHEET TOTAL
 P.7 17

ROS-28/207/372/772/104-6.00/1.00/0.00/0.00/17.82

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SHEET NUM.					PART.					ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
		6			01/STR/05	02/NFA/05	03/S5K/05	04/NHS/47	05/S5K/47						
		61			38	2	21			614	12460	61	EACH	MAINTENANCE OF TRAFFIC	
		83.56			65.26	2.86	15.44			614	22360	83.56	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
		43.08			32.7	1.38	9			614	21550	43.08	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
		216				64	152			614	26610	216	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
		1.48					1.48			614	20560	1.48	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
		8,698			696		8,002			614	23690	8,698	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
		1,664			96		1,568			614	25620	1,664	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT	
		80			4		76			614	30650	80	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
		484					484			614	32800	484	SF	WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT	
														INCIDENTALS	
					0.64	0.03	0.29	0.02	0.02	614	11000		LS	MAINTAINING TRAFFIC	
					0.64	0.03	0.29	0.02	0.02	623	10000		LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	
					0.64	0.03	0.29	0.02	0.02	624	10000		LS	MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
ZDR
 REVIEWER
DMB 10-19-23
 PROJECT ID
114628
 SHEET TOTAL
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