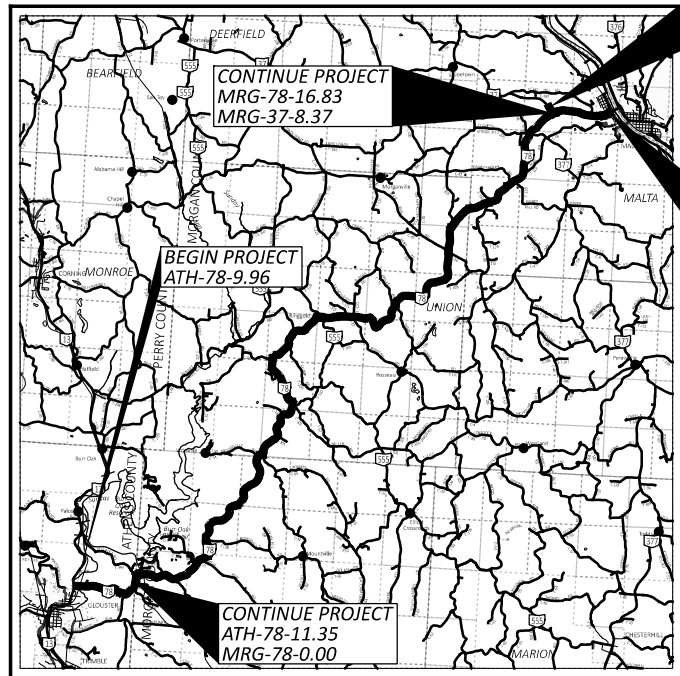


ATH-78-9.96 & VARIOUS

MODEL: Sheet PAPER: 17x11 (in.) DATE: 7/27/2022 TIME: 7:31:32 AM USER: wcbosc  
 p:\ohio\dot-pw-bentley.com\shahidoc-pw-02\Documents\01 Active Projects\District 10\Athens\95241\400-Engineering\Roadway\Sheets\95241\_GT001.dgn



LOCATION MAP

LATITUDE: 39°35'10" LONGITUDE: 81°59'05"



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

DESIGN DESIGNATION	ATH-78	MRG-78	MRG-37
CURRENT ADT (2023)	1,300	1,900	3,300
DESIGN YEAR ADT (2035)	1,400	2,100	3,400
DESIGN HOURLY VOLUME (2035)	150	250	350
DIRECTIONAL DISTRIBUTION	0.50	0.59	0.58
TRUCKS (24 HOUR B&C)	0.03	0.12	0.13
DESIGN SPEED	55	55	55
LEGAL SPEED	55	55	55

DESIGN FUNCTIONAL CLASSIFICATION:  
 ATH-78-9.96 TO 11.35: MINOR ARTERIAL  
 MRG-78-0.00 TO 16.83: MINOR ARTERIAL  
 MRG-37-8.22 TO 8.37: MAJOR COLLECTOR  
 MRG-37-8.37 TO 9.59: MINOR ARTERIAL

NHS PROJECT ----- NO

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

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

OHIO 811. 8-1-1. or 1-800-362-2764  
 (Non members must be called directly)

PLAN PREPARED BY:  
 OHIO DEPARTMENT OF TRANSPORTATION  
 DISTRICT 10 - PLANNING AND ENGINEERING  
 MARIETTA, OHIO

**ENGINEERS SEAL**

SIGNED: *Matthew R. First*  
 DATE: 4/27/2022

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	1/21/22			800-2019	1/21/22
BP-9.1	1/18/19			882	10/14/18
				872	1/21/22
				874	4/17/20
				875	1/18/19
MT-95.50	7/21/17				
MT-97.10	4/19/19				
MT-97.12	1/20/17				
MT-99.20	4/19/19				
MT-101.90	7/17/20				
MT-105.10	1/17/20				
TC-65.10	1/17/14				
TC-65.11	7/21/17				
TC-71.10	7/16/21				
TC-72.20	7/20/18				

**FEDERAL PROJECT NUMBER**

E170254

**RAILROAD INVOLVEMENT**

KANAWHA RIVER RAILROAD

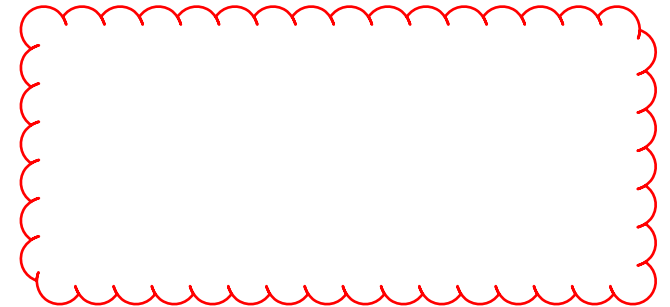
**PROJECT DESCRIPTION**

THIS PROJECT INCLUDES TWO-LANE RESURFACING OF 18.22 MILES OF SR-78 AND 1.37 MILES OF SR-37 USING FINE GRADED POLYMER OVERLAY AND OTHER RELATED WORK.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA:	0.0 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A ACRES (NOI NOT REQUIRED)*

\* ROUTINE MAINTENANCE PROJECT



**2019 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND 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: *Paula Miller*  
 DATE: 4/28/2022 DISTRICT DEPUTY DIRECTOR

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

DESIGN AGENCY	
DESIGNER	WBC
REVIEWER	MRF 03-21-22
PROJECT ID	95241
SHEET	1
TOTAL	8

TITLE SHEET

NOTE: ALL STRUCTURES WITHIN THE LIMITS OF THIS PROJECT THAT ARE NOT LISTED BELOW ARE TO BE PAVED OVER.

BRIDGE TREATMENTS						
SPLIT	LOCATION	SLM (TO THE NEAREST HUNDRETH OF A MILE)	SFN	EXISTING SURFACE	PROPOSED TREATMENT	PAVEMENT PLANING, ASPHALT CONCRETE, 1" SY
1	MRG-78	9.17	5800463	CULVERT	PAVE OVER	254
1	MRG-78	10.32	5800544	CULVERT	PAVE OVER	
1	MRG-78	12.51	5800587	CONCRETE	MEET EX. APPROACH SLABS AT EACH END OF BRIDGE WITH MILL	311
1	MRG-78	13.36	5800625	ASPHALT	PAVE OVER	
1	MRG-78	15.41	5800641	CULVERT	PAVE OVER	
SPLIT 1 TOTAL						311
TOTALS CARRIED TO GENERAL SUMMARY						311

**SUPPLEMENTAL SPECIFICATION 874, LONGITUDINAL JOINT PREPARATION**

THIS WORK CONSISTS OF PREPARING AN ASPHALT CONCRETE SURFACE COURSE COLD, CENTERLINE, LONGITUDINAL PAVING JOINT PRIOR TO PLACING THE ADJACENT ASPHALT LANE USING ONE OF THE METHODS DESCRIBED IN SS 874.04.

SS 874 IS TO BE USED IN THE FOLLOWING LOCATIONS:

- SPLIT 1:  
 MRG-78-14.75 TO 15.75 = 1.00 MILES  
 MRG-78-16.70 TO 16.83 = 0.12 MILES  
 MRG-37-8.22 TO 9.43 = 1.07 MILES

TOTALS HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

DESIGN AGENCY



DESIGNER  
WBC

REVIEWER  
MRF 03-21-22


PROJECT ID  
95241

SHEET TOTAL  
4 8

SHEET NUM.					PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	6	7		01/STR/PV	EXT	TOTAL				
<b>DRAINAGE</b>											
1					1	611	99150	1	EACH	INLET ADJUSTED TO GRADE	
1					1	611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	
<b>PAVEMENT</b>											
731					731	253	02000	731	CY	PAVEMENT REPAIR	
	311	709			1,020	254	01000	1,020	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1"	
		24,530			24,530	407	20000	24,530	GAL	NON-TRACKING TACK COAT	
		8,516			8,516	424	14000	8,516	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448)	
		2.19			2.19	618	43000	2.19	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
	2.19				2.19	874	21000	2.19	MILE	LONGITUDINAL JOINT PREPARATION	
<b>TRAFFIC CONTROL</b>											
			2,527		2,527	621	00100	2,527	EACH	RPM	
			2,527		2,527	621	54000	2,527	EACH	RAISED PAVEMENT MARKER REMOVED	
			39.2		39.2	642	00104	39.2	MILE	EDGE LINE, 6", TYPE 1	
			19.58		19.58	642	00300	19.58	MILE	CENTER LINE, TYPE 1	
			1		1	642	01000	1	EACH	RAILROAD SYMBOL MARKING, TYPE 1	
			435		435	644	00400	435	FT	CHANNELIZING LINE, 8"	
			567		567	644	00500	567	FT	STOP LINE	
			112		112	644	00720	112	FT	CHEVRON MARKING	
			1		1	644	01000	1	EACH	RAILROAD SYMBOL MARKING	
			490		490	644	01510	490	FT	DOTTED LINE, 6"	
<b>MAINTENANCE OF TRAFFIC</b>											
125					125	614	12460	125	EACH	WORK ZONE MARKING SIGN	
			19.58		19.58	614	21100	19.58	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
			19.58		19.58	614	21500	19.58	MILE	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	
			39		39	614	26610	39	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
<b>INCIDENTALS</b>											
					LS	614	11000	LS		MAINTAINING TRAFFIC	
					LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	3
					LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
WBC

REVIEWER  
MRF 03-21-22

PROJECT ID  
95241

SHEET TOTAL  
5 | 8