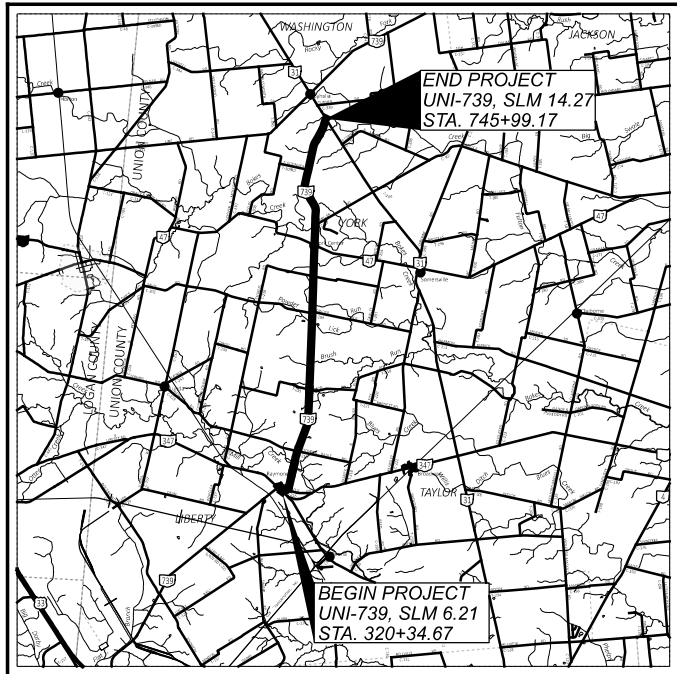


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

UNI-739-6.21

LIBERTY, YORK & WASHINGTON TOWNSHIP UNION COUNTY



LOCATION MAP

LATITUDE: 40°23'22" LONGITUDE: 83°27'13"



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

DESIGN DESIGNATION	SLM 6.21-11.51	SLM 11.51-14.27
CURRENT ADT (2023)	1,500	1,000
DESIGN YEAR ADT (2035)	1,600	1,000
DESIGN HOURLY VOLUME (2035)	200	100
DIRECTIONAL DISTRIBUTION	70%	58%
TRUCKS (24 HOUR B&C)	21%	12%
DESIGN SPEED	55 MPH	55 MPH
LEGAL SPEED	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	MAJOR COLLECTOR (RURAL)	MAJOR COLLECTOR (RURAL)
NHS PROJECT	NO	NO

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

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

PLAN PREPARED BY:



INDEX OF SHEETS:

TITLE	P.1
SCHEMATIC PLAN	P.2 - P.3
TYPICAL SECTIONS	P.4 - P.6
TYPICAL DETAILS	P.7 - P.12
GENERAL NOTES	P.13 - P.17
MAINTENANCE OF TRAFFIC NOTES	P.18 - P.20
DETOUR PLAN	P.21 - P.25
GENERAL SUMMARY	P.26 - P.28
PAVEMENT SUBSUMMARY	P.29 - P.32
GUARDRAIL SUBSUMMARY	P.33
EROSION CONTROL SUBSUMMARY	P.34
ROADWAY PLAN	P.35 - P.77
PROFILE DATA	P.78 - P.82
PLAN AND PROFILE - UNI-739-0900	P.83
EARTHWORK SUBSUMMARY	P.84
CROSS SECTIONS	P.88 - P.89
DRIVEWAY DETAIL	P.90
STORM SEWER DETAIL	P.91
TRAFFIC CONTROL SUBSUMMARY	P.92 - P.93
STRUCTURES (20 FOOT SPAN AND UNDER)	P.94 - P.101
STRUCTURES (OVER 20 FOOT SPAN)	P.102 - P.103
GEOTECHNICAL DATA	P.104 - P.107

FEDERAL PROJECT NUMBER

E200(898)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

FULL-DEPTH RECLAMATION (WITH CEMENT) OF 8.06 MILES OF SR-739 IN UNION COUNTY FROM SLM 6.21 TO 14.27.

GUARDRAIL UPGRADES THROUGHOUT PROJECT LIMITS.
DECK SEALING ON UNI-739-0665 & 1181 STRUCTURES.
REPLACEMENT OF UNI-739-0900 STRUCTURE WITH BOX CULVERT.
CULVERT & CATCH BASIN REPLACEMENT AT UNI-739-11.38.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 3.5 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (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, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEETS P.21 - P.25.

ENGINEER'S SEAL

BRIDGE

ENGINEER'S SEAL

ROADWAY

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	01/21/22	DM-1.1	07/17/20	MT-97.10	04/19/19	TC-42.20	10/18/13	800-2019	SEE PROPOSAL		
		CB-2.4	07/16/21	MT-97.12	01/20/17	TC-52.10	10/18/13	821	04/20/12		WATERWAY PERMIT CONDITIONS 11/22/2022
BP-4.1	07/19/13	HW-2.2	07/20/18	MT-99.20	04/19/19	TC-52.20	01/15/21	832	07/15/22		
				MT-101.60	01/17/20	TC-65.10	01/17/14	847	01/15/21		GEO TECHNICAL DATA 2/13/2023
MGS-1.1	07/16/21			MT-101.90	07/17/20	TC-65.11	07/15/22	848	01/21/22		
MGS-2.1	01/19/18			MT-105.10	01/17/20			851	01/21/22		
MGS-2.3	07/18/14					DS-1-92	07/15/22	878	01/21/22		
MGS-4.1	01/20/17							902	07/19/19		
MGS-4.2	07/19/13							921	04/20/12		
MGS-4.3	01/18/13										
MGS-5.2	07/15/16										
MGS-5.3	07/15/16										
RM-1.1	01/15/21										

DISTRICT DEPUTY DIRECTOR

DIRECTOR, DEPARTMENT OF TRANSPORTATION

PID #112878 UNI-739-6.21

DESIGN AGENCY



DESIGNER	AMH
REVIEWER	DP
PROJECT ID	112878
SHEET	P.1
TOTAL	P.107

UNI-739-6.21

MODEL: 112878 GT001 PAPER SIZE: 17X11 (in.) DATE: 2/13/2023 TIME: 11:27:29 AM USER: ahollow1 pwc:\hoboc-pw-bentley.com\shahidoc-pw-102\Documents\01 Active Projects\District 06\Union\112878\400-Engineering\Roadway\Sheets\112878_GT001.dgn