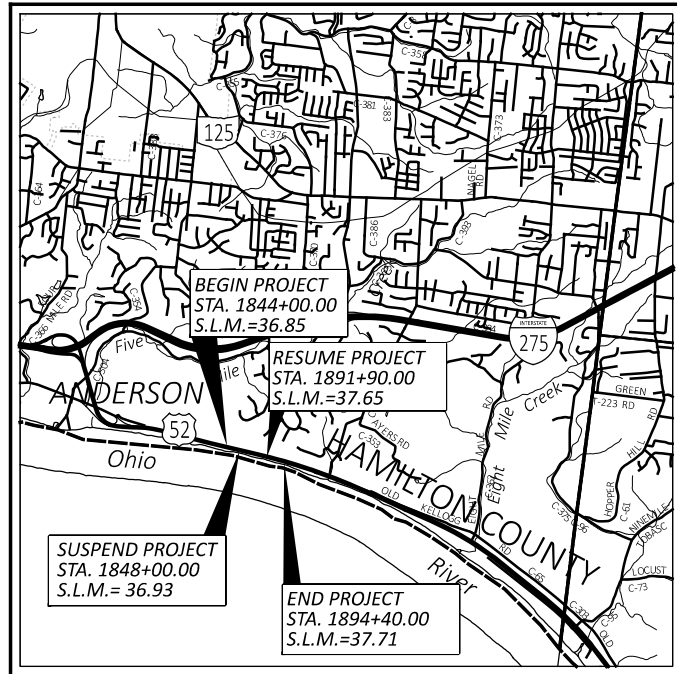


# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## HAM-US 52-36.85

ANDERSON TOWNSHIP  
HAMILTON COUNTY



**LOCATION MAP**

LATITUDE: 39°02'33" LONGITUDE: -84°22'34"



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

**DESIGN DESIGNATION**

CURRENT ADT (2025)	14,000
DESIGN YEAR ADT (2045)	15,000
DESIGN HOURLY VOLUME (2045)	2,000
DIRECTIONAL DISTRIBUTION	70%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	65 MPH
LEGAL SPEED	60 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
03 PRINCIPAL ARTERIAL (URBAN)	
NHS PROJECT	YES

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

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

**OHIO811.org**  
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:



**ENGINEER'S SEAL:**

---

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

**ENGINEER'S SEAL:**

---

SHEET P.32 TO P.39

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	TC-41.20	10/18/13	800-2027	7/19/24
BP-5.1	7/15/22	TC-42.20	10/18/13	832	7/19/24
		TC-52.20	1/15/21	821	4/20/12
DM-1.1	7/17/20	TC-61.30	7/19/24	878	1/21/22
DM-1.2	7/16/21	TC-65.10	1/17/14	921	7/19/24
DM-4.3	1/15/16	TC-65.11	1/19/24		
DM-4.4	1/15/16	TC-71.10	4/21/23		
MGS-1.1	7/16/21	RM-4.2	7/19/24		
MGS-2.1	1/19/18				
MGS-4.3	1/18/13				
MT-95.40	7/21/23				
MT-101.70	7/19/24				
MT-101.75	7/21/23				

**INDEX OF SHEETS:**

TITLE SHEET	P.1
TYPICAL SECTIONS	P.2-P.3
GENERAL NOTES	P.4
MAINTENANCE OF TRAFFIC	P.5-P.12
GENERAL SUMMARY	P.13-P.14
CALCULATIONS	P.15-P.16
PLAN AND PROFILE	P.17-P.18
CROSS SECTIONS	P.19-P.27
TRAFFIC CONTROL	P.28-P.31
RETAINING WALL	P.32-P.39
GEOTECHNICAL PROFILE - RETAINING WALL	P.40-P.60

**FEDERAL PROJECT NUMBER**

E240804

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

EROSION OF THE EMBANKMENT TOE BY THE OHIO RIVER HAS CAUSED DISTRESS TO GUARDRAIL AND PAVEMENT SHOULDER ON THE SOUTH SIDE OF US 52 AT TWO LOCATIONS. PROJECT WILL INSTALL TWO DRILLED SHAFT WALLS TO RE-ESTABLISH THE ROADWAY.

**EARTH DISTURBED AREAS**

HAM-52-36.85

PROJECT EARTH DISTURBED AREA:	0.26 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.26 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)
* ROUTINE MAINTENANCE PROJECT	

HAM-52-37.65

PROJECT EARTH DISTURBED AREA:	0.20 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.26 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)
* ROUTINE 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 REQUIRE THE PART TIME CLOSING OF THE HIGHWAY TO TRAFFIC, AS NOTED ON SHEET P.5. DURING WHICH TIME DETOURS WILL BE PROVIDED AS SHOWN HEREIN. PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

*Tammy K. Campbell*  
Tammy K. Campbell, P.E.  
District 08 Deputy Director

*Jack Marchbanks*  
Jack Marchbanks, PhD  
Director, Department of Transportation

TITLE SHEET

HAM-52-36.85

MODEL: Sheet PAPER: 17x11 (in.) DATE: 10/29/2024 TIME: 2:42:32 PM USER: qjachen p:\v\hoboc-pw-bentley.com\shahid-cpw-02\Documents\01 Active Projects\District 08\Hamilton\116046\401-Engineering-Stantec\Roadway\Sheets\116046\_GT001.dgn

DESIGN AGENCY

**Stantec**  
1500 LAKE SHORE DRIVE,  
SUITE 100  
COLUMBUS, OH 43204  
(614) 486-4383

DESIGNER  
ZTM

REVIEWER  
TCM 09/13/24

PROJECT ID  
116046

SHEET	TOTAL
P.1	60