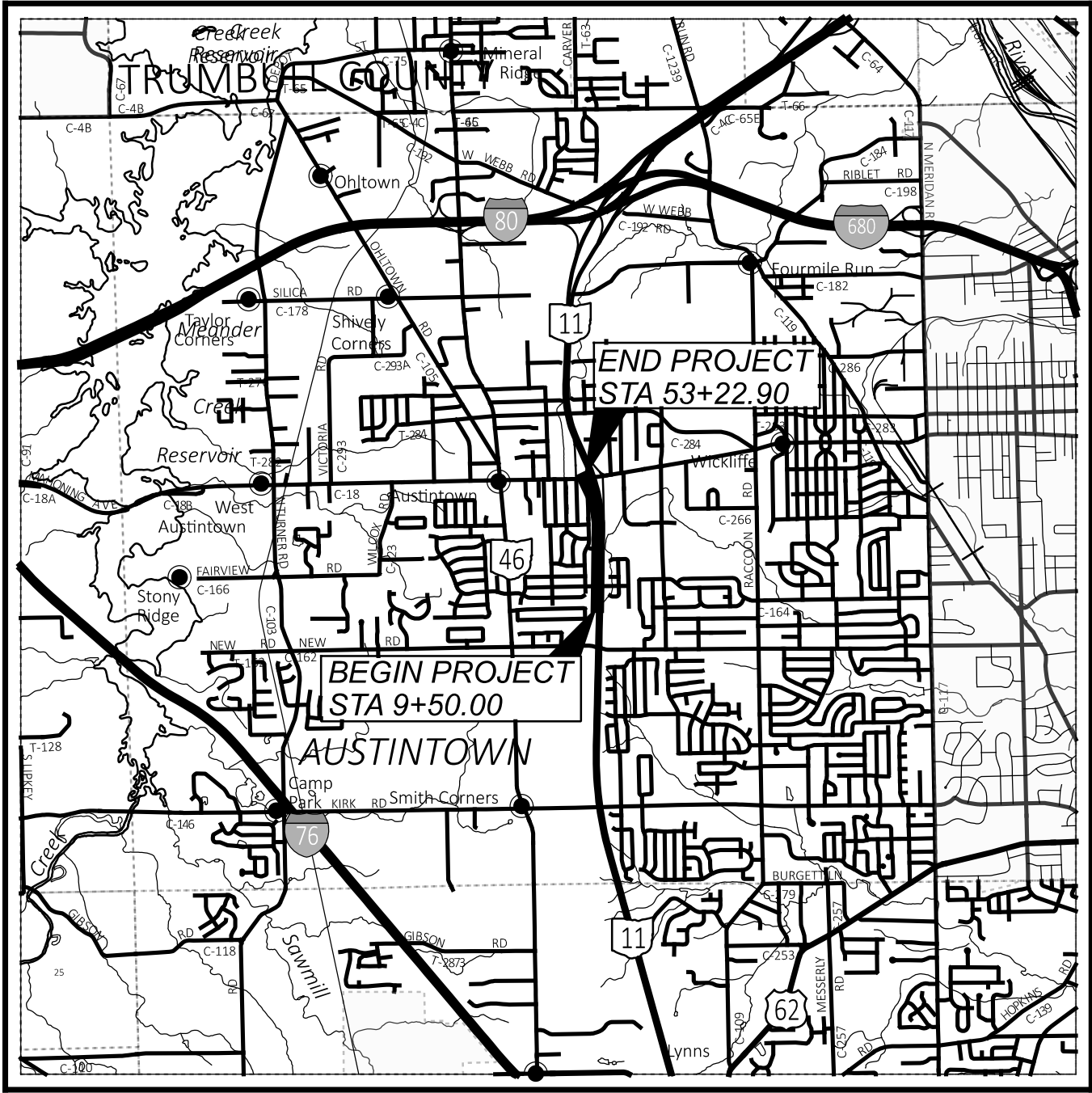


# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

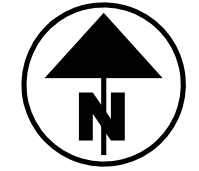
## MAH-11-13.30

AUSTINTOWN TOWNSHIP  
MAHONING COUNTY



**LOCATION MAP**

LATITUDE: 41°05'35" LONGITUDE: 80°45'08"



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

**DESIGN DESIGNATION**

	SR-11 SB	RAMP B
CURRENT ADT (2024)	16,483	2,968
DESIGN YEAR ADT (2044)	18,131	3,265
DESIGN HOURLY VOLUME (2044)	1,813	327
DIRECTIONAL DISTRIBUTION	100%	100%
TRUCKS (24 HOUR B&C)	9%	2%
DESIGN SPEED	70	RAMP
LEGAL SPEED	65	RAMP
DESIGN FUNCTIONAL CLASSIFICATION:		
02 - PRINCIPAL ARTERIAL FREEWAY		
NHS PROJECT	YES	

**DESIGN EXCEPTIONS**

NONE REQUIRED

**ADA DESIGN WAIVERS**

NONE REQUIRED

**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:



Evans, Mechwart, Hamilton & Moran, Inc.  
Engineers • Surveyors • Planners • Scientists  
5500 New Albany Road, Columbus, OH 43264  
Phone: 614.775.8500 Fax: 614.775.8500

**INDEX OF SHEETS:**

TITLE SHEET	P.1
SCHEMATIC PLAN	P.2
SURVEY CONTROL	P.3
GENERAL NOTES	P.4
MAINTENANCE OF TRAFFIC	P.8
GENERAL SUMMARY	P.7
PROJECT SITE PLAN	P.8
NOISE BARRIER DETAILS	P.9-P.36
GEOTECHNICAL PROFILE - NOISE WALLS	P.37-P.63

**FEDERAL PROJECT NUMBER**

E191711

**RAILROAD INVOLVEMENT**

N/A

**PROJECT DESCRIPTION**

CONSTRUCT NOISE BARRIER ALONG STATE ROUTE 11, FROM APPROXIMATELY 820' SOUTH OF E OAKCREST DRIVE TO CR-18 (MAHONING AVE) IN AUSTINTOWN TOWNSHIP, MAHONING COUNTY OHIO.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 1.51 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.25 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 1.76 ACRES

**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.

Arthur G. Noirot Jr., P.E.  
District 04 Deputy Director

Jack Marchbanks, PhD  
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
NBS-1-09	7/15/22			800-2023 07/21/23	
				808 01/18/19	
MT-95.30	7/19/19			821 04/20/12	
MT-95.45	7/21/23			832 07/21/23	
MT-98.10	1/17/20			908 10/20/17	
MT-101.90	7/17/20			921 04/20/12	
MT-104.10	4/21/23				
MT-105.10	1/17/20				

ENGINEER'S SEAL



MAH-11-13.30

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 1/3/2024 TIME: 7:48:43 AM USER: REJY pvc:\ohiodot-pw\benley.com\ohiodot-pw-02\Documents\01 Active Projects\District 04\Mahoning\106325\01-Engineering\_EMHT\Roadway\Sheets\106325\_GT001.dgn

TITLE SHEET

DESIGN AGENCY	
DESIGNER	RJE
REVIEWER	CAS 08/31/23
PROJECT ID	106325
SHEET TOTAL	P.1 63