

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MIA-CR16A-0.00

(PETERSON ROAD)
WASHINGTON TOWNSHIP
STAUNTON TOWNSHIP
MIAMI COUNTY

FEDERAL PROJECT NUMBER
E200 (258)

RAILROAD INVOLVEMENT
NONE

PROJECT DESCRIPTION
IMPROVEMENT OF 0.22 MILES OF COUNTY ROUTE (CR) 16A (PETERSON ROAD) AND BRIDGE REPLACEMENT OF THE EXISTING FOUR SPAN PRESTRESSED BOX BEAM BRIDGE OVER THE GREAT MIAMI RIVER WITH A NEW THREE SPAN PRESTRESSED CONCRETE I-BEAM STRUCTURE. INCLUDING ROADWAY WIDENING, GRADING, DRAINAGE AND TRAFFIC SIGNAL IMPROVEMENTS.

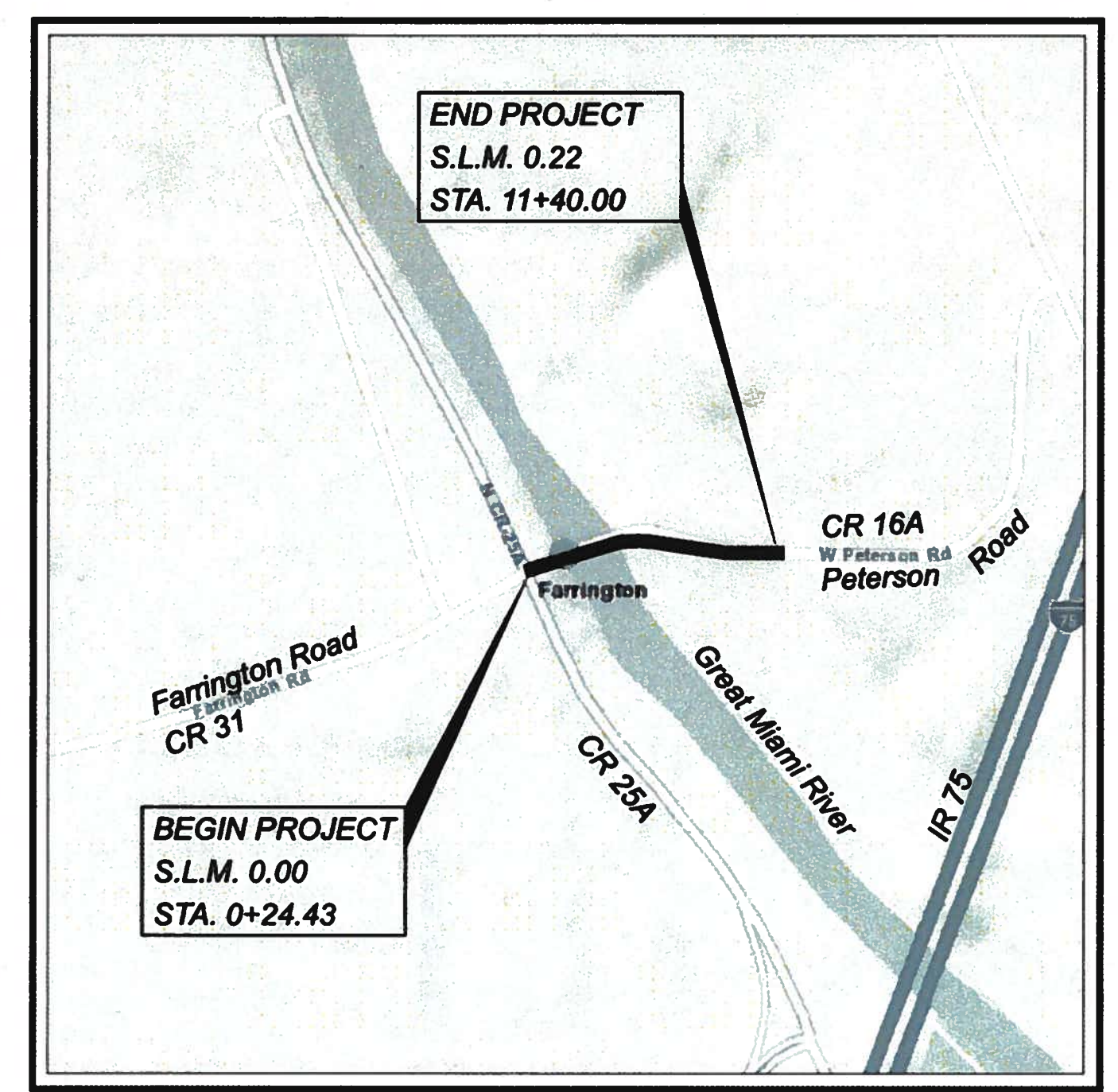
EARTH DISTURBED AREAS
PROJECT EARTH DISTURBED AREA: 1.86 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 2.11 ACRES

2023 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 REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET P.9.

John W. O'Brien
John W. O'Brien
District 07 Deputy Director

Jack Marchbanks
Jack Marchbanks, PhD
Director, Department of Transportation



LOCATION MAP
LATITUDE: 40°06'29" LONGITUDE: 84°13'50"

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

DESIGN DESIGNATION

CURRENT ADT (2023)	2,350
DESIGN YEAR ADT (2043)	2,400
DESIGN HOURLY VOLUME (2043)	240
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	4.5%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
06 MINOR COLLECTOR (RURAL)	
NHS PROJECT	NO

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATE	SHEET NO.
GRADED SHOULDER WIDTH	4/21/22	P.3, P.4
HORIZONTAL CURVE RADIUS	4/21/22	P.2, P.17, P.19
STOPPING SIGHT DISTANCE (CREST VERTICAL CURVE)	4/21/22	P.18
SUPERELEVATION RATE	4/21/22	P.2, P.17, P.19, P.30

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:

KORDA
KORDA / NEMETH ENGINEERING, INC
1650 Watermark Drive, Suite 200 - Columbus, OH 43215
TEL. 614-487-1650 WEB www.korda.com

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RIGHT OF WAY	SEE ROW PLANS

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	1/21/22	AS-1-15	1/20/23	TC-41.20	10/18/13	800-2023	10/20/23
BP-4.1	7/19/13	AS-2-15	7/21/23	TC-41.40	10/18/13	832	7/15/22
		DS-1-92	7/15/22	TC-42.20	10/18/13	859	1/21/22
DM-1.1	7/17/20	PSID-1-13	1/20/23	TC-52.10	10/18/13	894	4/16/21
DM-1.2	7/16/21	SICD-2-14	1/15/21	TC-52.20	1/15/21		
DM-4.2	7/20/12	TST-2-21	7/21/23	TC-61.30	7/19/19		
DM-4.3	1/15/16			TC-71.10	4/26/23		
DM-4.4	1/15/16	HL-30.11	7/21/23	TC-74.10	7/21/23		
		HL-50.11	1/16/15	TC-81.11	1/20/23		
MGS-1.1	7/16/21			TC-82.10	7/19/19		
MGS-2.1	1/19/18	MT-97.12	1/20/17	TC-84.20	10/18/13		
MGS-3.3	7/16/21	MT-101.60	4/26/23	TC-84.21	10/18/13		
MGS-4.3	1/18/13	MT-105.10	1/17/20	TC-85.21	4/26/23		
MGS-5.3	7/15/16			TC-85.22	4/26/23		
RM-1.1	1/20/23	TC-21.21	1/20/23				
		TC-22.20	1/17/14				

ENGINEER'S SEAL:	ENGINEER'S SEAL:	ENGINEER'S SEAL:
STRUCTURE (OVER 20 FOOT SPAN)	ENTIRE PLAN EXCEPT STRUCTURE (OVER 20 FOOT SPAN), SIGNALS, AND GEOTECHNICAL	TRAFFIC SIGNALS
WATERWAY PERMIT CONDITIONS		
OEPA DEMO		

DESIGN AGENCY
KORDA
KORDA / NEMETH ENGINEERING, INC
1650 Watermark Drive, Suite 200, Columbus, OH 43215

DESIGNER
CLP

REVIEWER
BMV 09-08-23

PROJECT ID
108792

SHEET TOTAL
P.1 78

MIA-CR16A-0.00

MODEL: Sheet PAPER: 34x22 (in.) DATE: 9/14/2023 TIME: 4:56:49 PM USER: cpback HP: Projects\2019\09-0444_00 MIA-CR16A-0.00\108792\400-Engineering\Roadway\Sheets\108792_C1001.dgn

TITLE SHEET