

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

BUT-SR4-23.17

LEMON AND MADISON TOWNSHIPS BUTLER COUNTY

PROJECT DESCRIPTION

REHABILITATE BRIDGE BUT-4-23.17 OVER THE GREAT MIAMI RIVER BY PATCHING AND STRENGTHENING PIERS WITH (FIBER REINFORCED POLYMER) FRP. REMOVE AND REPLACE BOTH PIER CAPS AND 2 FEET OF PIER STEMS AT PIER 4. REPLACE EXISTING BEARINGS AT PIER 4.

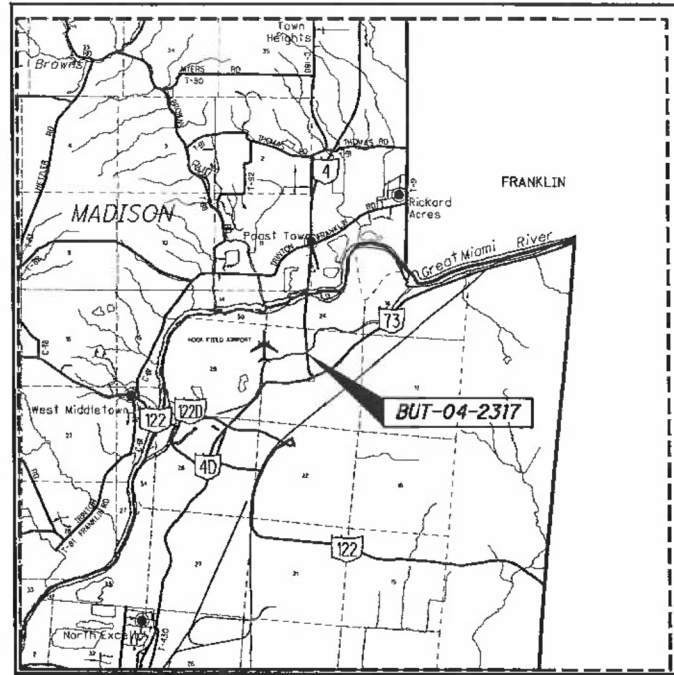
EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.95 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES
(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.



LOCATION MAP

LATITUDE: N 39°32'22" LONGITUDE: 84°23'04" W



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

DESIGN DESIGNATION

CURRENT ADT (2024)	8,100
DESIGN YEAR ADT (2044)	8,100
DESIGN HOURLY VOLUME (2036)	950
DIRECTIONAL DISTRIBUTION	52%
TRUCKS (24 HOUR B&C)	10%
DESIGN SPEED	35 MPH
LEGAL SPEED	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
(03) PRINCIPAL ARTERIAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig

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

PLAN PREPARED BY:
BURGESS & NIPLÉ, INC.
525 VINE STREET, SUITE 1300
CINCINNATI, OH 45202

INDEX OF SHEETS:

TITLE SHEET	1
MAINTENANCE OF TRAFFIC	2-6
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STRUCTURE REPAIR (BUT-SR4-23.17)	8-21
ARCHIVE SOIL PROFILES	

ENGINEERS SEAL:

SIGNED: *Samuel Bell*
DATE: 7/12/2022

ENGINEERS SEAL:

SIGNED: *Blake Stephens*
DATE: 7/13/2022

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
RM-3.1	7/20/18	800 SEE PROPOSAL	ASBESTOS INSPECTION
MT-95.31	7/19/19	821 4/20/12	REPORT 10/7/22
MT-95.32	4/19/19	832 10/19/18	
MT-95.41	1/17/20		
MT-101.70	1/17/20		
MT-101.75	1/17/20		
MT-102.10	1/17/20		
MT-105.10	1/17/20		
DM-4.3	1/15/16		
DM-4.4	1/15/16		
TC-71.10	7/16/21		

APPROVED
DATE: 10/11/2022

Tamyk Capbell
DIRECTOR, DEPARTMENT OF TRANSPORTATION

Jack Matthews

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CONSTRUCTION PROJECT NO. 102783

RAILROAD INVOLVEMENT NONE

BUT-SR4-23.17

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