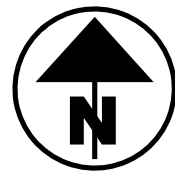


FOR PROJECT LOCATION MAPS,
SEE SHEETS P.2-P.3

LOCATION MAP

FOR PROJECT LOCATION COORDINATES, SEE SHEET P.2



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
D12 BH FY2026
MISCELLANEOUS

LOCATION	BRIDGE NUMBER	STRUCTURAL FILE NUMBER	CITY/TOWNSHIP
1	CUY-480-1686	1813099	BROOKLYN HEIGHTS
2	GEA-6-1067	2800071	HAMBDEN
3	GEA-166-0219	2801078	HAMBDEN
4	GEA-306-0845	2801264	RUSSELL
5	LAK-90-0243	4303482	WILLOUGHBY
6	CUY-90-0595	1807730	ROCKY RIVER

INDEX OF SHEETS:

TITLE SHEET	P.1	STRUCTURES	
LOCATION MAPS	P.2-P.3	STRUCTURE GENERAL NOTES	P.30-P.32
TYPICAL SECTIONS	P.4-P.5	LOCATION 1	P.33-P.37
GENERAL NOTES	P.6-P.7	LOCATION 2	P.38-P.40
MAINTENANCE OF TRAFFIC		LOCATION 3	P.41-P.48
MOT GENERAL NOTES	P.8-P.11	LOCATION 4	P.49-P.53
MOT SUBSUMMARIES	P.12-P.13	LOCATION 5	P.54-P.55
LOCATION 1	P.14	LOCATION 6	P.56-P.59
LOCATION 2	P.15-P.19		
LOCATION 3	P.20-P.22		
LOCATION 4	P.23-P.25		
LOCATION 5	P.26		
GENERAL SUMMARY	P.27-P.28		
ROADWAY SUBSUMMARY	P.29		

FEDERAL PROJECT NUMBER

E251020

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF VARIOUS REPAIRS
INCLUDING WEARING SURFACE REPLACEMENTS,
PATCHING AND SEALING OF CONCRETE STRUCTURES,
PIER REPAIRS, EXPANSION JOINT REPLACEMENT,
APPROACH SLAB REPLACEMENT, AND OTHER
MISCELLANEOUS REPAIRS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A 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 AND CHANGES LISTED IN THE PROPOSAL SHALL
GOVERN THIS IMPROVEMENT.

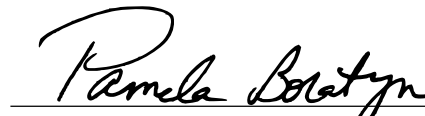
FOR LOCATIONS 1, 5 :

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.14,P.26.

FOR LOCATIONS 2, 3, 4, 6 :

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.


John Picuri, P.E., P.S.
District 12 Deputy Director


Pamela Boratyn
Director, Department of Transportation

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

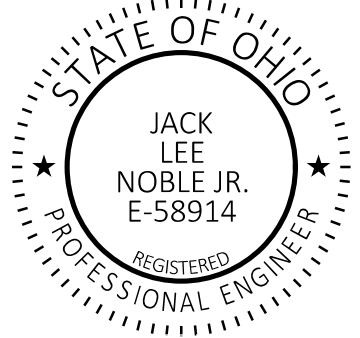
UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig


OHIO811.org
Before You Dig

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

PLAN PREPARED BY:
THE MARKOSKY ENGINEERING GROUP, INC.
500 MARKET STREET, SUITE 3
STEUBENVILLE, OH 43952

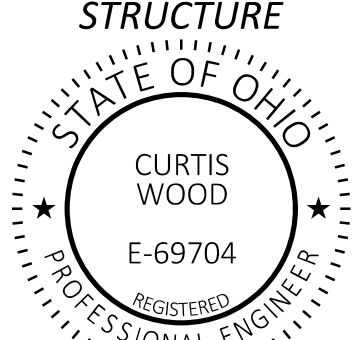
ENGINEER'S SEAL
FOR ENTIRE PLAN SET EXCEPT
LAK-90-0243, GEA-6-1067,
GEA-306-0845



ENGINEER'S SEAL
LAK-90-0243
MAINTENANCE OF TRAFFIC



ENGINEER'S SEAL
LAK-90-0243
STRUCTURE



STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	MT-98.29	1/17/20			800-2023 7/18/25 832 7/18/25 848 7/19/24	ASBESTOS REPORT 1/6/2024
MGS-3.3	1/18/13	MT-101.60 MT-101.70	1/17/25 7/19/24			874 4/17/20 875 1/17/25 921 7/19/24	
RM-4.1	1/17/20	MT-110.10	7/19/13				
BR-1-13	1/17/14						
DBR-2-73	7/19/02						
DS-1-92	7/22/25						
EXJ-3-82	1/18/13						
EXJ-4-87	1/19/24						
TST-2-21	1/17/25						
MT-95.30	7/19/19						
MT-96.11	7/21/23						
MT-96.20	1/17/25						

ENGINEER'S SEAL
GEA-6-1067, GEA-306-0845





AROUND HOLE
CIRCUMFERENCE

Ø 3" DIA. IN TOP PLATE AND $\frac{15}{16}$ " DIA.
HOLES IN LOWER PLATE AND CHANNEL FLANGE
AND Ø $\frac{7}{8}$ " DIA. A307 GALVANIZED BOLT *

* 1/2" x 4 1/2" BAR
(TO BE REPLACED)

~~2" ANCHOR BAR~~
- CONCRETE DEC

EXPANSION JOINT SECTION



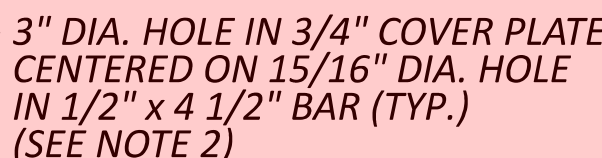
15/16" DIA. HOLE IN LOWER PLATE
AND UPPER CHANNEL FLANGE (TYP.)

3" DIA. HOLE IN TOP PLATE (TYP)

④ 7/8" DIA. A307
GALVANIZED BOLT*



COVER PLATE DETAIL



– *¢ HOLES AND BOLTS*

DETAIL A

1. ALL INFORMATION TAKEN FROM EXISTING PLANS. CONTRACTOR SHALL VERIFY EXISTING COVER PLATE DIMENSIONS AND BOLT SPACING PRIOR TO FABRICATION OF THE NEW COVER PLATE.
2. NUMBER AND SPACING OF HOLES AND BOLTS SHALL CORRESPOND WITH LAYOUT OF EXISTING FASTENER BOLTS IN JOINT ASSEMBLY TO REMAIN.

SFN		4304382	
DESIGN AGENCY			
			
DESIGNER		CHECKER	
HT		CMH	
REVIEWER			
CJW		05-30-25	
PROJECT ID			
117826			
SUBSET		TOTAL	
2		2	
SHEET		TOTAL	
P.55		P.59	