

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

POR/TRU-305/VAR 0.72/VAR

CHAMPION TOWNSHIP
MESOPOTAMIA TOWNSHIP
VERNON TOWNSHIP
TRUMBULL COUNTY

HIRAM TOWNSHIP
MANTUA
PORTAGE COUNTY

FEDERAL PROJECT NUMBER

E230(116)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REMOVAL AND REPLACEMENT OF 2 STRUCTURES IN TRUMBULL COUNTY, 1 STRUCTURE IN PORTAGE COUNTY AND MINOR BRIDGE WORK TO 1 STRUCTURE IN TRUMBULL COUNTY AND 1 STRUCTURE IN PORTAGE COUNTY.

POR-305-0.72

THE EXISTING CONCRETE SLAB STRUCTURE SFN 6704530 WILL BE REPLACED WITH TWO ADJACENT 16'X9' I-SERIES CONCRETE BOX CULVERTS. THE WORK TO BE PERFORMED INCLUDES FULL DEPTH PAVEMENT REPLACEMENT, PAVEMENT RESURFACING, CONSTRUCTION OF NEW HEADWALLS, GUARDRAIL INSTALLATION, STORM SEWER INSTALLATION, AND MINOR GRADING.

TRU-5-29.09

THE EXISTING CONCRETE SLAB STRUCTURE SFN 7801416 WILL BE REPLACED WITH A 16'X8' BOX CULVERT. THE WORK TO BE PERFORMED INCLUDES FULL DEPTH PAVEMENT REPLACEMENT, CONSTRUCTION OF NEW HEADWALLS, GUARDRAIL INSTALLATION, AND MINOR GRADING.

TRU-45-14.55

THE EXISTING CONCRETE SLAB STRUCTURE SFN 7802161 WILL BE REPLACED A 10'X6' CONCRETE BOX CULVERT. THE WORK TO BE PERFORMED INCLUDES FULL DEPTH PAVEMENT REPLACEMENT, CONSTRUCTION OF NEW HEADWALLS, GUARDRAIL INSTALLATION, AND MINOR GRADING.

TRU-87-3.20

THE EXISTING 20'X7' PRECAST REINFORCED CONCRETE 3 SIDED CULVERT SFN 7805144 WILL HAVE 5' END REPLACEMENT SECTIONS ON BOTH SIDES. THE WORK TO BE PERFORMED INCLUDES FULL DEPTH PAVEMENT REPLACEMENT AND MINOR GRADING.

POR-44-21.98

MINOR REPAIRS TO EXISTING STRUCTURE INCLUDING PILE ENCASEMENT, PAINT AND SEALING.

EARTH DISTURBED AREAS

SEE SHEET P.2 FOR EARTH DISTURBED AREAS.

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 CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEETS P.9 - P.13.

DISTRICT DEPUTY DIRECTOR

Arthur G. Noirot Jr.
Arthur G. Noirot Jr., P.E.
04

DIRECTOR, DEPARTMENT OF TRANSPORTATION

John Markants

**ENGINEER'S SEAL
ROADWAY AND BRIDGE**



LOCATION MAPS (SEE SHEET P.2)

LOCATION MAP

DESIGN DESIGNATION

	POR-305-0.72	TRU-5-29.09	TRU-45-14.55	TRU-87-3.20	POR-44-21.98
CURRENT ADT (2024)	2,600	2,500	6,400	4,300	5,994
DESIGN YEAR ADT (2044)	3,100	2,600	6,400	5,000	5,994
DESIGN HOURLY VOLUME (2044)	400	250	650	650	604
DIRECTIONAL DISTRIBUTION	56%	52%	56%	70%	56%
TRUCKS (24 HOUR B&C)	12%	3%	3%	6%	8%
DESIGN SPEED	60 MPH	60 MPH	60 MPH	60 MPH	60 MPH
LEGAL SPEED	55 MPH	55 MPH	55 MPH	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	URBAN MAJOR COLLECTOR	RURAL MINOR ARTERIAL	RURAL MINOR ARTERIAL	RURAL MAJOR COLLECTOR	RURAL MINOR ARTERIAL
NHS PROJECT	NO	NO	NO	YES	NO

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATES	SHEET NUMBERS
POR-305-0.72 SHOULDER WIDTH	09/07/2023	P.16
TRU-5-29.09 LANE WIDTH SHOULDER WIDTH SUPER ELEVATION RATE	09/07/2023	P.34, P.37
TRU-45-14.55 SHOULDER WIDTH	09/07/2023	P.52
TRU-87-3.20 SHOULDER WIDTH	09/07/2023	P.68

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig

OHIO 811. 8-1-1. or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 4, CAPITAL PLANNING
2088 S. ARLINGTON ROAD
AKRON, OHIO 44306

INDEX OF SHEETS:

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TRU-45-14.55	P.52-P.67
TRU-87-3.20	P.68-P.81
POR-44-21.98	P.82-P.83
RIGHT-OF-WAY	RW.1 - RW.4

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/21/22	MT-97.12	1/20/17	800-2019	1/19/24 ASBESTOS
		MT-99.20	4/19/19	821	4/20/12 REPORT 4/1/22
DM-1.1	7/17/20	MT-101.60	4/26/23	832	7/21/23 ASBESTOS
DM-4.3	1/15/16	MT-101.90	7/17/20	872	1/21/22 REPORT 3/10/22
DM-4.4	1/15/16	MT-105.10	1/17/20	874	4/17/20 ASBESTOS
				875	1/18/19 REPORT 3/11/22
MGS-1.1	7/16/21	TC-41.20	10/18/13	921	4/20/12 ASBESTOS
MGS-2.1	1/19/18	TC-42.10	10/18/13	940	4/17/15 REPORT 3/2/22
MGS-2.4	7/19/19	TC-42.20	10/18/13		WPC 1/18/24
MGS-4.2	7/19/13	TC-52.10	10/18/13		
MGS-4.3	1/18/13	TC-52.20	1/15/21		
		TC-61.30	7/19/19		
CPP-1-08	7/21/17	TC-64.10	7/21/23		Added Waterway Permit
DS-1-92	7/15/22	TC-65.10	1/17/14		
		TC-65.11	7/15/22		
MT-97.10	4/19/19				

TITLE SHEET

POR/TRU-305/VAR 0.72/VAR

MODEL: Sheet PAPER: 34x22 (in.) DATE: 1/19/2024 TIME: 8:54:49 AM USER: sdudek pvc:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 04\Trumbull\111841400-Engineering\Roadway\Sheets\11184_GT001.dgn

DESIGN AGENCY



DESIGNER

CLG

REVIEWER

MJA 08-03-23

PROJECT ID

111184

SHEET TOTAL

P.1 83