

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

CUY-176-13.34/VAR DECK

CITY OF CLEVELAND
CUYAHOGA COUNTY



LOCATION MAP

LATITUDE: 41°27'41.66" LONGITUDE: 81°41'38.76"



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

DESIGN DESIGNATION

CURRENT ADT (2025)	8000
DESIGN YEAR ADT (2045)	9600
DESIGN HOURLY VOLUME (2045)	870
DIRECTIONAL DISTRIBUTION	100%
TRUCKS (24 HOUR B&C)	4%
Td	4%
DESIGN SPEED	55-45-30 MPH (RAMP J-14)
LEGAL SPEED	60 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
02 - URBAN OTHER FREEWAYS AND EXPRESSWAYS (SYSTEM RAMP)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATES	SHEET NUMBERS
HORIZONTAL SIGHT DISTANCE	4/26/24	P.34

ADA DESIGN WAIVERS

NONE REQUIRED

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:
Palmer ENGINEERING
3745 MEDINA RD. - SUITE A
MEDINA, OH 44256
WINCHESTER - LOUISVILLE - LEXINGTON - CRESCENT SPRINGS
HURRICANE - TALLAHASSEE - ORLANDO - CINCINNATI - MEDINA

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CUY-00176-13.3400	

STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS	
BP-5.1	7/15/22	MGS-1.1	7/16/21	HL-10.11	7/21/23	MT-95.30	7/19/19	TC-22.10	4/21/23	800	7/19/24	WATERWAY PERMIT 10-21-24
		MGS-2.1	1/19/18	HL-10.12	7/21/23	MT-95.40	7/21/23	TC-22.20	1/17/14	807	1/21/22	
BP-2.1	1/21/22	MGS-3.2	1/18/13	HL-10.13	1/20/23	MT-95.50	7/21/17	TC-41.20	10/18/13	808	7/19/24	
BP-2.2	1/15/21	MGS-4.2	7/19/13	HL-20.11	7/21/23	MT-98.10	1/17/20	TC-41.40	10/18/13	813	7/21/23	
BP-2.3	7/18/14			HL-20.14	4/17/20	MT-98.21	7/21/23	TC-42.20	10/18/13	821	4/20/12	
BP-2.5	7/19/24			HL-30.21	4/17/20	MT-98.29	1/17/20	TC-61.30	7/19/24	825	7/19/24	
		AS-1-15	1/20/23	HL-30.31	7/19/24	MT-99.30	1/17/20	TC-65.10	1/17/14	832	7/19/24	
CB-3	7/19/24	EXJ-4-87	1/19/24	HL-50.21	7/15/22	MT-99.60	7/19/24	TC-65.11	1/19/24	844	4/20/18	
		EXJ-5-93	1/19/24	HL-60.11	7/21/17	MT-101.70	7/19/24	TC-71.10	4/21/23	850	7/21/23	
DM-1.1	7/17/20	GSD-1-19	7/19/24	HL-60.31	7/19/24	MT-101.75	7/21/23	TC-72.20	7/21/23	873	4/16/21	
DM-4.4	1/15/16	PCB-91	7/17/20			MT-102.10	7/21/23	TC-73.20	7/19/24	896	7/21/17	
		SBR-1-20	7/21/23	ITS-11.10	7/19/24	MT-102.30	10/16/15	TC-83.20	7/19/24	905	4/17/20	
F-1.1	7/19/13					MT-103.10	1/21/22			908	10/20/17	
						MT-104.10	1/19/24			913	4/16/21	
RM-4.2	4/17/20					MT-105.10	1/17/20			921	7/19/24	
										996	7/21/23	

FEDERAL PROJECT NUMBER

E230 (420)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

REPLACE THE DECK OF THE CUY-176 NORTHBOUND EXIT RAMP J-14 PORTION OF THE JENNINGS FREEWAY (SR-176) BRIDGE ALONG STEELYARD COMMONS IN CLEVELAND. WORK WILL INCLUDE REPAIRS TO PORTIONS OF THE UPPER I-71 SUBSTRUCTURE, LIGHTING, APPROACH SLAB REPLACEMENT AND MINOR ROADWAY APPROACH WORK.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.2 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	2.0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A ACRES (NOI NOT REQ'D.)*
	* ROUTINE MAINTENANCE PROJECT

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 REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET P.7, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

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

Jack Marchbanks, PhD
Director, Department of Transportation

ENGINEER'S SEAL

FOR ENTIRE PLAN EXCEPT LIGHTING & STRUCTURES OVER 20' SPAN



ENGINEER'S SEAL

FOR LIGHTING



ENGINEER'S SEAL

FOR STRUCTURES OVER 20' SPAN



TITLE SHEET

DESIGN AGENCY

Palmer ENGINEERING
3745 MEDINA RD.
SUITE A
MEDINA, OH 44256
330-952-1464

DESIGNER
DAM

REVIEWER
DMM 07/11/24

PROJECT ID
115750

SHEET TOTAL
P.1 | 110

CUY-176-13.34

MODEL: Sheet PAPER: 34x22 (in.) DATE: 10/22/2024 TIME: 1:12:11 PM USER: vincenc-d pvc:\pvc\p04\pwin\private\palmer\palmer\Engineering\Documents\Ohio\000\1012\CUY115750\400-Engineering\Roadway\Sheets\115750_G1001.dgn