

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAK-US 20-14.24/ VAR

PAINESVILLE SIGNALS CITY OF PAINESVILLE

PROJECT DESCRIPTION

UPGRADES TO 14 OF THE CITY'S TRAFFIC SIGNALS INCLUDING NEW VEHICULAR DETECTION, CONTROLLERS, FIBER-OPTIC INTERCONNECTION TO A NEW CENTRAL SYSTEM AND REMOVAL OF 1 UNWARRANTED TRAFFIC SIGNAL.

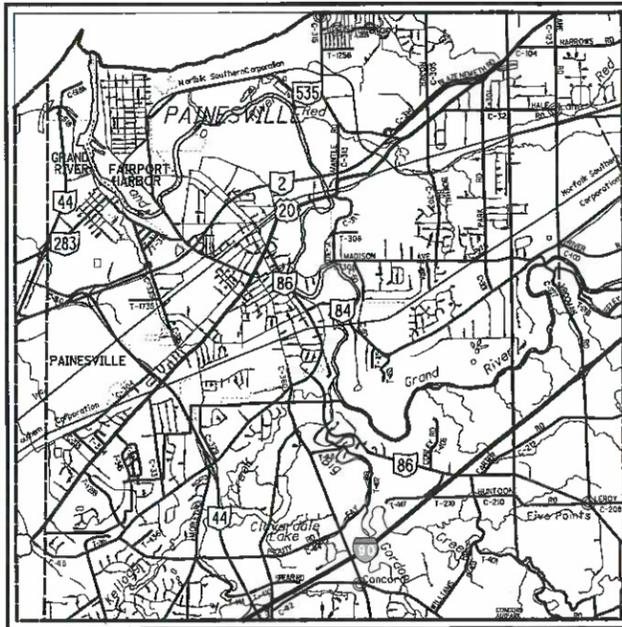
EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.1 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI NOT REQUIRED)*
*ROUTINE 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 ANY STREET AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE SET FORTH ON THE PLANS AND ESTIMATES.



LOCATION MAP

LATITUDE: 41° 43' 29" N LONGITUDE: 81° 14' 29" W

SCALE IN MILES



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

DESIGN DESIGNATION

	MENTOR AVE	RICHMOND ST
CURRENT ADT (2021)	11,000	12,500
DIRECTIONAL DISTRIBUTION	52%	58%
TRUCKS (24 HOUR B&C)	10%	9%
DESIGN SPEED	25 MPH	25 MPH
LEGAL SPEED	25 MPH	25 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	MINOR ARTERIAL	MINOR ARTERIAL

INDEX OF SHEETS:

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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 & NIPLE, INC.
100 WEST ERIE STREET
PAINESVILLE, OH 44077

ENGINEERS SEAL:



SIGNED: *Joshua T. Pennock*
DATE: 10/17/2022

STANDARD CONSTRUCTION DRAWINGS

HL-30.11	01/15/21	MT-95.31	07/19/19
HL-30.22	01/15/21	MT-97.10	04/19/19
		MT-110.10	07/19/13
TC-41.20	10/18/13		
TC-41.30	10/18/13		
TC-42.20	10/18/13		
TC-52.10	10/18/13		
TC-52.20	01/15/21		
TC-74.10	01/21/22		
TC-83.10	01/17/20		
TC-84.20	10/18/13		
TC-84.21	10/18/13		

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

800	07/15/22	ITEM 809
804	07/15/22	Centrally
809	07/15/22	Controlled
832	07/15/22	Arterial Traffic
904	07/15/22	Signal System
909	07/15/22	

APPROVED _____
DATE 10/17/22 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.
E200773

PID NO.
112600

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

LAK-US 20
14.24/ VAR



0 20 40
HORIZONTAL
SCALE IN FEET

CALCULATED
RMP
CHECKED
JTP

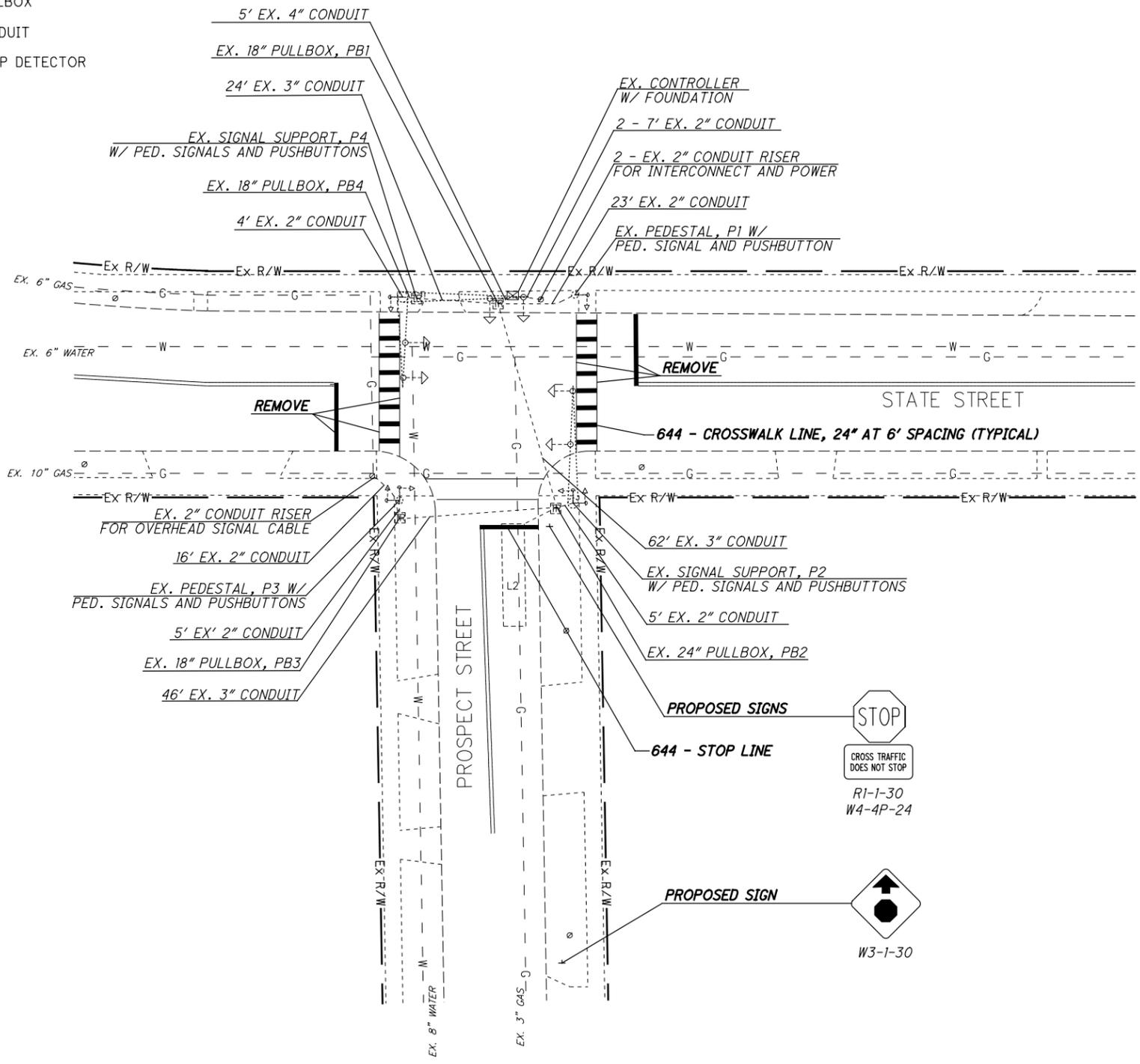
SIGNAL PLAN
STATE STREET AND PROSPECT STREET

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22
23

SYMBOL LEGEND

- EX. VEHICULAR SIGNAL HEAD
- ▽ EX. PEDESTRIAN SIGNAL HEAD
- EX. SIGNAL SUPPORT
- EX. PULLBOX
- EX. CONDUIT
- [L] EX. LOOP DETECTOR



NOTES:

1. CONTRACTOR SHALL CONTACT OHIO 811 AND HAVE UNDERGROUND UTILITIES LOCATED PRIOR TO COMPLETING ANY UNDERGROUND WORK.
2. CONTRACTOR SHALL PLACE TRAFFIC SIGNAL IN FLASH-MODE FOR A PERIOD OF OF 30 DAYS PRIOR TO THE REMOVAL OF THE TRAFFIC SIGNAL.

STATE STREET AT PROSPECT STREET

THE FOLLOWING ITEMS SHALL BE REMOVED FROM THIS INTERSECTION AS DIRECTED BELOW AND PAID FOR UNDER ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN:

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN

DESCRIPTION OF ITEM TO BE REMOVED BY CONTRACTOR	REMOVAL AND DISPOSAL	REMOVAL AND STORAGE	REMOVAL AND REERECTION
TRAFFIC SIGNAL POLES (2) AND MAST ARMS (3)	X		
PEDESTALS (2)		X	
SIGNS MOUNTED TO SIGNAL SUPPORTS, MAST ARMS AND PEDESTALS		X	
STREET NAME SIGNS MOUNTED TO SIGNAL SUPPORTS		X	
CABLE AND WIRING	X		
CONDUITS NOT UNDER PAVEMENT, PULL BOXES, FOUNDATIONS, AND OTHER IN-GROUND ITEMS	X		
VEHICULAR SIGNAL HEADS (6)		X	
PEDESTRIAN SIGNAL HEADS (6)		X	
PUSH BUTTONS		X	
CONTROLLER CABINET AND CONTENTS		X	
EMERGENCY VEHICLE PREEMPTION EQUIPMENT		X	
ALL OTHER ITEMS	X		

ALL ITEMS NOTED FOR REMOVAL AND STORAGE SHALL BE DELIVERED TO A STORAGE SITE DESIGNATED BY THE CITY AND SHALL BECOME THE PROPERTY OF THE CITY OF PAINESVILLE. THE STORAGE SITE WILL BE LOCATED WITHIN THE CITY OF PAINESVILLE. ANY ITEMS REJECTED BY THE CITY SHALL BE REMOVED OF AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.

IN ADDITION TO THE ABOVE WORK INCLUDED IN THE REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN PAY ITEM, THE FOLLOWING WORK SHALL BE COMPLETED:

ALL STOP LINES AND CROSSWALK LINES ON STATE STREET SHALL BE REMOVED. NEW CROSSWALK LINES SHALL BE INSTALLED ON STATE STREET AND A NEW STOP LINE SHALL BE INSTALLED ON PROSPECT STREET

THE R1-1, W4-4P AND W3-1 SIGNS SHALL BE INSTALLED AS SHOWN.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE SUBSUMMARY:

630 - GROUND MOUNTED SUPPORT, NO. POST	23	FT
630 - SIGN, FLAT SHEET	14.5	SF
632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EACH
642 - REMOVAL OF PAVEMENT MARKING	225	FT
644 - STOP LINE	15	FT
644 - CROSSWALK LINE, 24"	96	FT

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