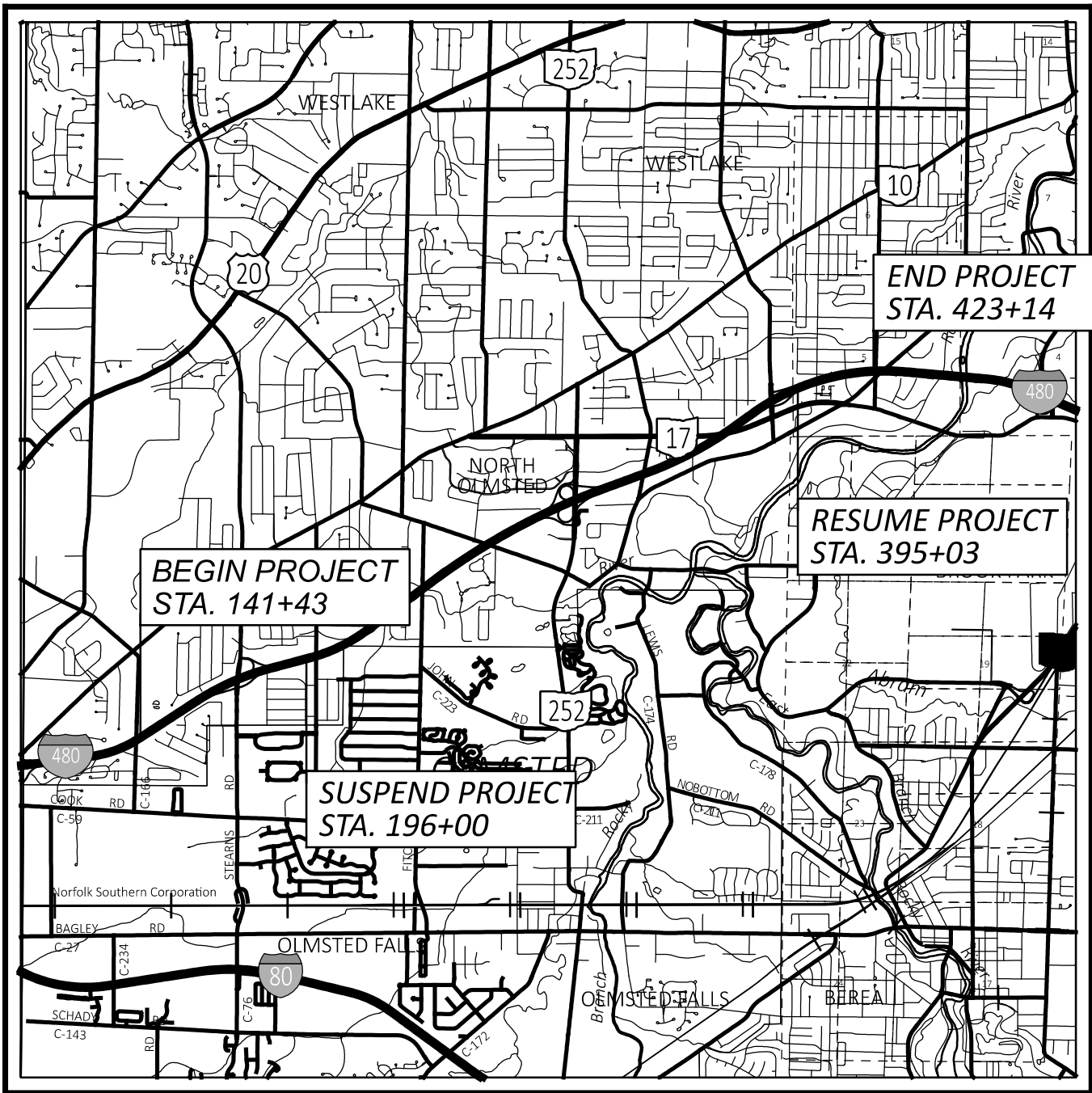
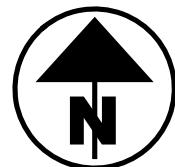




LOCATION MAP



WALL 1 & 5 - LATITUDE: 41°23'30" LONGITUDE: 81°57'18"
WALL 2, 3, 4 - LATITUDE: 41°25'28" LONGITUDE: 81°52'08"
WALL 6 - LATITUDE: 41°23'50" LONGITUDE: 81°56'21"

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

DESIGN DESIGNATION

	Wall 1	Walls 2, 3, 4	Walls 6
CURRENT ADT (2025)	61,281	108,638	9,689
DIRECTIONAL DISTRIBUTION	50%	60%	100%
TRUCKS (24 HOUR B&C)	2,779	4,779	98
DESIGN SPEED	60	60	60
LEGAL SPEED	60	60	60
DESIGN FUNCTIONAL CLASSIFICATION:	PRINCIPAL ARTERIAL INTERSTATE		
NHS PROJECT	YES	YES	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

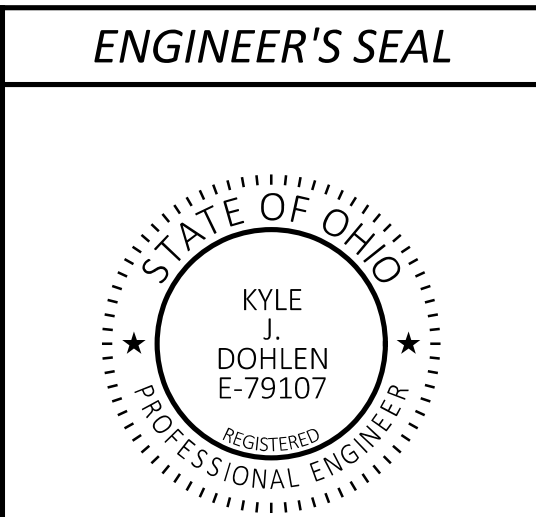
UNDERGROUND UTILITIES

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:
ODOT DISTRICT 12 - PLANNING AND ENGINEERING
5500 TRANSPORTATION BOULEVARD
GARFIELD HEIGHTS, OH 44125



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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
DM-4.1	7/17/20	MT-98.10	1/17/20	TC-52.20	1/15/21			800-2023 7/18/25	
DM-4.3	1/15/16	MT-98.21	7/21/23	TC-61.10	4/21/23			808 7/19/24	
DM-4.4	1/15/16	MT-98.22	1/17/20					809 1/17/25	1
		MT-98.30	7/18/25					832 7/18/25	
F-1.1	7/19/13	MT-99.30	1/17/20					908 1/17/25	
F-3.1	7/19/13	MT-101.70	7/19/24					921 7/19/24	
F-3.3	7/19/13	MT-101.75	7/21/23						
F-3.4	7/19/13	MT-102.10	7/21/23						
		MT-102.30	10/16/15						
RM-4.2	4/17/20	MT-105.10	1/17/20						
NBS-1-09	1/17/25	TC-41.20	10/18/13						
		TC-41.30	4/21/23						
MT-95.40	7/21/23	TC-42.10	10/18/13						
MT-95.45	7/21/23	TC-42.20	10/18/13						
MT-95.50	7/21/17	TC-52.10	10/18/13						

FEDERAL PROJECT NUMBER

E250858

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT ENTAILS THE INSTALLATION OF 4 NOISE BARRIERS ALONG IR-480. ONE WALL WILL BE PLACED FROM THE INTERSECTION OF BARTON ROAD AND IR-480 WB AND CONNECT TO A PREVIOUSLY INSTALLED NOISE BARRIER IN NORTH OLMSTED. THREE NOISE BARRIERS WILL BE INSTALLED IN FAIRVIEW PARK BETWEEN CLAGUE ROAD AND WEST 220TH STREET.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	6.6 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.5 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	7.1 ACRES

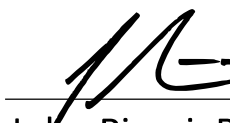
LIMITED ACCESS

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, 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 NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEETS 10-16, 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

1 Replace SS823 with SS 832

DESIGN AGENCY



DESIGNER

KJD

REVIEWER

DAB 05/30/25

PROJECT ID

115182

SHEET

P.001

TOTAL

115

GENERAL

Contingency Quantities

The contractor shall not order materials or perform work for items designated by plan note to be used “as directed by the engineer” unless authorized by the engineer. The actual work locations and quantities used for such items shall be incorporated into the final change order governing completion of this project.

Airway Highway Clearance for Airports and Heliport Note

This project has been identified as being within the influence area of a public use airport or heliport. No temporary structures or construction equipment at maximum operating height shall exceed the height identified below. If any temporary structures or construction equipment will exceed this height, further coordination with the federal aviation administration (FAA), and the ODOT Office of Aviation, will be necessary prior to erecting such temporary structures or operating such equipment on the project. The contractor will be required to file a new FAA Form 7460-1, advising the FAA that the below aeronautical study number is being resubmitted and that an alteration to the original submission is requested. Notify the ODOT Office of Aviation when resubmitting FAA Form 7460-1. No temporary structures or construction equipment shall exceed the permissible height, until a copy of the FAA approval and the ODOT Office of Aviation permit has been furnished to the project engineer. FAA approval may take up to 45 days.

WALL	HEIGHT	AERONAUTICAL STUDY NUMBER
1	30'	2025-AGL-7369-OE
2	50'	2025-AGL-13700-OE
3	50'	2025-AGL-13699-OE
4	50'	2025-AGL-13697-OE
5	50'	No notice filed with FAA
6	50'	No notice filed with FAA

All submissions shall be directed to these offices:

Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177
FAX: (817) 222-5920
http://ceaaa.faa.gov

Ohio Department of Transportation
Office of Aviation
2829 West-Dublin-Granville Road
Columbus, Ohio 43235

Equipment and Material Storage

In order to provide for the safety of the traveling public the Contractor's attention is directed to 614.03. In addition the following provisions shall apply:

- Any removed items shall not be stored on the right of way for more than thirty (30) days.
- The storage of equipment, materials, and vehicles within the highway right of way will be permitted. The number of areas and exact locations shall be approved by the Engineer.
- All disturbed areas shall be returned to their original condition at no expense to the state.

Construction Noise

Activities and land use adjacent to this project may be affected by construction noise. In order to minimize any adverse construction noise impacts, do not operate power-operated construction-type devices between the hours of 7 pm and 7 am. In addition, do not operate at any time any device in such a manner that the noise created substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment.

Specific to work at Wall 6, the contractor shall perform work during the night as defined in the lane value contract table in the Maintenance of Traffic Notes.

Cooperation Between Contractors

The Contractor shall cooperate and coordinate operations with the Contractors on other projects that may be in force during the life of the contract. No waiver of any provisions of the Constructions and Material Specifications is intended.

Work Limits

The work limits shown on these plans are for physical construction only. The installation and operation of all temporary traffic control and temporary traffic control devices required by these plans shall be provided by the contractor whether inside or outside these work limits.

Right Of Way

All work shall be performed within the existing right of way or easements.

Staging Areas

There are no specific areas given in the plans for the Contractor to use as a staging area(s). If the Contractor wants to use an area(s) for staging, regardless if it falls within the project limits or not, the Contractor is to use the Right of Way E-Permitting System at https://odhcp.bemcorp.net/Accounts/Account/Account in order to apply for a permit per Section 107.02 of the CMS. For specific permitting questions, the Contractor can contact the District Permitting Office, Melvin Safford (216-584-2137), Andrew Tomko (216-584-2195) or at District12Permits@dot.ohio.gov.

If a permit is granted, all conditions of the permit shall be met in addition to the requirements of 104.04 of the CMS, at no additional cost to the State. If the Project Engineer deems that all the conditions of the permit were not met, then 10% of the Contract bid amount for mobilization shall be withheld until all the conditions of the permit are satisfied.

Protection of Right-of-Way Landscaping

Prior to beginning work, the Contractor, the Project Engineer and a representative of the maintaining agency will review and record all landscaping items within the right-of-way (both within and outside the construction limits). A record of this review will be kept in the Project Engineer’s files. Prior to final acceptance, a final review of landscaping items will be made.

Constrict all activities, equipment storage and staging to within the construction limits. Unless otherwise identified in the plans or proposal, the construction limits are identified as 30 feet from the edge of pavement.

Submit a written request to the Project Engineer to use any area outside these limits. The document submitted must clearly identify the area and explain the proposed use and restoration of the area. Use of these areas for disposal of waste material and construction debris, excavation of borrow material and placement of portable plants is prohibited. The request must be approved, in writing, before the Contractor has permission to use the area.

Any items damaged beyond the construction limits, as defined above, will be replaced in kind or as approved by the Project Engineer.

Fence Lengths

The lengths of fence shown in the plans are horizontal dimensions. Measurements of the final quantities will be in accordance with Item 607.

Review of Drainage Facilities

Before any work is started on the project and again before final acceptance by the State, representatives of the State and the Contractor, along with local representatives, shall make an inspection of all existing sewers which are to remain in service and which may be affected by the work. The condition of the existing conduits and their appurtenances shall be determined from field observations. Records of the inspection shall be kept in writing by the State.

All new conduits, inlets, catch basins and manholes constructed as part of the project shall be free of all foreign matter and in a clean condition before the project will be accepted by the State.

All existing sewers inspected initially by the above mentioned parties shall be maintained and left in a condition reasonably comparable to that determined by the original inspection. Any change in the condition resulting from the Contractor’s operations shall be corrected by the Contractor to the satisfaction of the Engineer.

Payment for all operations described above shall be included in the contract price for the pertinent 611 drainage items.

Herbicide and Pesticide Application Prohibition

This will be specific to Wall 2 and Wall 3.

The Contractor shall not apply herbicides or pesticides within the construction limits of the noise barrier that will be constructed adjacent to the Fairview Park Community Garden located at 22837 Maple Drive, Fairview Park, Ohio.

1 Add FAA Study Numbers

DESIGN AGENCY



DESIGNER

KJD

REVIEWER

DAB 05/30/25

PROJECT ID

115182

SHEET

P.004

TOTAL

115