

CUYAHOGA COUNTY LOCATION MAP

- 1

IR-71 SB
SECTION BETWEEN IR-80 AND SR-82
- 2

IR-71 NB/SB
SLM 13.16 TO 14.05
BETWEEN W 130TH TO RR BRIDGES
- 3

IR-71 SB
SLM 16.56
DENISON AVE OVERPASS
- 4

REMOVED LOCATION
- 5

IR-71 SB
SLM 17.51
PEARL RD OVERPASS
- 6

IR-71 NB/SB
SLM 17.63 TO 18.00
BETWEEN NB AND SB LANES
CLEARING AND GRUBBING
- 7

IR-90 EB
SLM 17.51 TO 17.71
RIGHT SIDE OF SUPERIOR AVE EXIT RAMP
- 8

IR-90 EB
SLM 20.61 TO 21.03
E 72ND ON-RAMP TO MLK BLVD OFF-RAMP
- 9

IR-90 WB
SLM 22.31 TO 21.38
TREES OVERHANGING NOISE BARRIER WALL
FROM LAKESHORE BLVD TO MLK BLVD
- 10

IR-90 EB/WB
SLM 23.48 TO 23.85
AT LAKESHORE BLVD ON AND OFF RAMPS
- 11

IR-90 EB
SLM 23.48 TO 23.85
E 140TH ST OFF-RAMP
- 12

IR-90 EB
SLM 18.18 TO 18.42
MARGINAL RD TO SR-2 WB EXIT RAMP
- 13

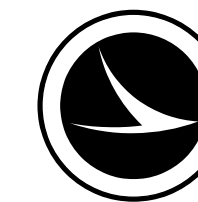
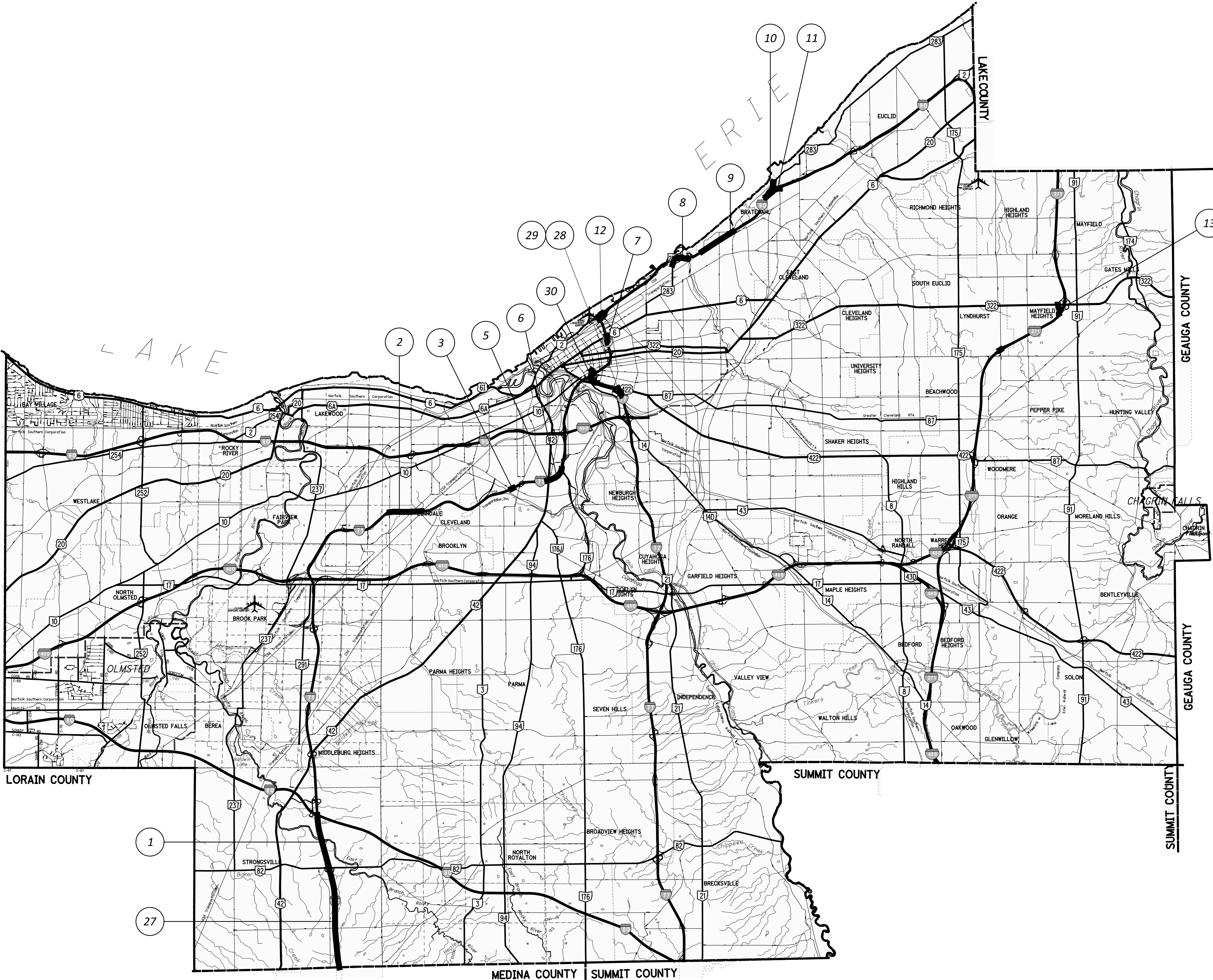
IR-271 SB
SLM 12.78 TO 12.96
RAMP FROM US-322 TO IR-271 SB
- 27

IR-71 NB/SB
SLM 0.00 TO 2.59
COUNTY LINE TO SR-82
- 28

IR-77 NB
SLM 14.99 TO 15.19
E. 30TH EXIT RAMP
- 29

IR-77 SB
SLM 15.19 TO 14.99
E. 30TH ENTANCE RAMP TO MM 162.0
- 30

IR-77 SB
SLM 16.07 TO 15.84
E. 14TH ENTANCE RAMP



General

Project Description

This project consists of Tree Removal, on various routes and sections in Cuyahoga, Lake, and Geauga Counties. All trees and/or brush shall be removed from the Right-Of-Way and disposed of as per Section 107.10 and 105.16 of the C&MS.

The contractor shall be responsible for cleanup and disposal of all trees, branches, chips and other debris created by the performance of this work. No burning shall be permitted.

The locations and description of work at each location will be contained in work orders. Prior to beginning any work at a location, the Engineer will fill out a work order (see sheet 9) describing the work required and estimated quantities of work items. This work order will then be signed by the Engineer and forwarded to the contractor to commence work.

Within 21 days of receiving a work order, the contractor shall complete the work. All work must be completed and no new work locations may be initiated by the contractor prior to the completion of work at any given location, unless otherwise approved by the Engineer.

Right of Way

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

Contingency Quantities

The Contractor shall not 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.

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:

- 1. Any removed items shall not be stored on the right of way for more than thirty (30) days.
- 2. 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.
- 3. All disturbed areas shall be returned to their original condition at no expense to the state.

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.

Work Limits

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

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) at 216-584-2137, (Andrew Tomko) at 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.

Responsibility for Damage Claims

The Contractor shall take every precaution in his operations to avoid property damage and assume all liability for any damage resulting from his actions, errors or omissions and shall hold the State of Ohio Department of Transportation harmless. All damage complaints shall be investigated promptly by the contractor at the direction of the Engineer.

Any damage to private or ODOT property shall be immediately repaired or replaced, at the direction of the Engineer.

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, any powered-operated construction-type device shall not be operated between the hours of 9:00 PM and 7:00 AM. In addition, any such device shall not be operated at any time 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.

Seeding and Mulching

Seeding and mulching shall be applied to all areas of exposed soil between the right-of-way lines, and within the construction limits for areas outside the right-of-way lines covered by work agreement or slope easement. Quantity calculation for seeding and mulching are based these limits.



Scenic River Commitment

- 1. The Contractor shall not discharge toxic or hazardous materials such as sealants, paint, solvents, cleaning agents, earthen materials, waste-water, fuels or debris of any kind to a scenic river, its tributaries, or drainage ways. If refueling of immobile equipment is necessary within the floodplain or near any tributary drainage ways, ditches, or stream, the contractor shall provide secondary containment with enough capacity to completely contain and collect all potential liquid wastes in the event of a spill.
- 2. Any and all construction debris, earthen debris, excess asphalt or concrete, wood debris from clearing, excess fill material, and trash should be disposed of at an approved upland site or land fill above FEMA 100-year flood elevations. Disposal of any such materials within 1000 feet of the State Scenic Chagrin and Grand Rivers is prohibited.
- 3. In accordance with ORC 3750.06, reportable spills must be reported to the local fire department (911); the local emergency coordinator: in Cuyahoga County (216) 698-2357; in Geauga County (440) 279-2171; in Lake County (440) 350-5368, and the Ohio Spill Line (1-800-282-9378).
- 4. The Contractor shall keep all idle equipment, fuels, lubricants, and any storage for/of potentially toxic or hazardous materials out of the FEMA designated special flood hazard area and not within 1000 feet of the State Scenic Chagrin and Grand Rivers.
- 5. No tree removal shall occur within 1000 feet of the State Scenic Chagrin and Grand Rivers.

DESIGN AGENCY



DESIGNER

KHD

REVIEWER

KHD 03/16/26

PROJECT ID

123646

SHEET

P.5

TOTAL

47

Roadway

Item 201 - Tree Removed, By Size, As per Plan, Work Order

Multi-stem tree sizes shall be determined by measuring the diameter of each individual leader at a height of 54 inches above the ground.

Any tree under 4 inches in diameter within a 10-foot radius of any paid tree shall be removed and be considered incidental to this item of work.

All stumps shall be cut to within 6” of the groundline.

All stumps and stubble shall be removed, if specified in these plans, or treated with an approved herbicide to prevent new growth. The herbicide shall be mixed in accordance with the manufacturer's label. The cost of herbicidal treatment shall be incidental to the item of work.

Prior to performing work, the contractor will be given a work order by the Engineer describing the location and work required and estimated quantities at this location.

Payment for Item 201, Tree Removed, By Size, As Per Plan, Work Order shall be at the unit bid price and shall include all labor, equipment, materials and incidentals necessary to perform the above-described work.

Item Special – Tree Removed, 4” – 12”, Work Order

In addition to Item 201, this work consists of clearing small trees ranging in size from 4” diameter to 12” diameter.

All stumps shall be cut to within 6” of the groundline.

Payment for Item Special – Tree Removed, 4” – 12”, Work Order shall be at the Unit Bid Price and shall include all labor, equipment, materials and incidentals necessary to perform the above described work.

Prior to performing work, the contractor will be given a work order by the Engineer describing the location and work required and estimated quantities at this location.

Item 656 – Roadside Cleanup, As Per Plan A

The work at Locations 6 and 10 (area north and south of IR-90, left side of eastbound exit ramp) will consist of clearing out all trees, vegetation, *and stumps* within ODOT's ROW as directed by the engineer.

All trees, regardless of size, within the area identified for Roadside Cleanup shall be removed and disposed as of part of this item unless directed otherwise by the engineer. Any trees identified for removal outside of the area identified for Roadside Cleanup shall be performed under Item 201 Tree Removed.

Item 656 – Roadside Cleanup, As Per Plan B

The work at Location 10 (area to the right of the eastbound exit ramp) will consist of clearing out all trees and vegetation within ODOT's ROW as directed by the engineer.

All trees, regardless of size, within the area identified for Roadside Cleanup shall be removed and disposed as of part of this item unless directed otherwise by the engineer. Any trees identified for removal outside of the area identified for Roadside Cleanup shall be performed under Item 201 Tree Removed.

Item 690 – Special – Tree Pruning

The work for Location 9 on IR-90 WB from SLM 22.31 to SLM 21.38 will consist of pruning branches and vegetation that overhangs the noise barrier wall and enters ODOT's ROW. All branches, shrubs, vines, etc., regardless of trunk diameter, found to be overhanging the noise barrier wall within the area identified shall be cut flush to the back of the noise barrier wall panel, full height. Disposal of the trimmings is incidental to this item.

Location 1 Tree Markings

Not all trees that shall be removed at Location 1 have been marked for clearing. Trees located at the southern end of IR-71 SB bridge over Valley Parkway on the steep slope that leads down to the Rocky River were not able to be marked. Trees in this area will be removed at the direction of the on-site engineer. The following contingency quantities of tree removals have been carried to the general summary:

Item Special - Tree Removed, 4”-12” Diameter, Work Order.....**29 EACH**
Item 201 - Tree Removed, 18” Diameter, As Per Plan, Work Order..... **1 EACH**

Endangered Bat Species Habitat Removal

Ensure impact to the federally listed and protected Indiana bat and northern long-eared bat and the state listed and protected little brown bat and tricolor bat are avoided and minimized. Do not remove trees from April 1 through September 30. Perform all necessary tree removal from October 1 through March 31. Demarcate clearing limits in the field to avoid an unauthorized tree clearing. For the purposed of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk three inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.



DESIGN AGENCY

DESIGNER
KHD

REVIEWER
KHD 03/16/26

PROJECT ID
123646

SHEET	TOTAL
P.10	47

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