

LOCATION MAP

LATITUDE: 39°10'54" LONGITUDE: -84°29'4"



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

DESIGN DESIGNATION

SEE HAM-75-7.85 (PID 77889) PLANS

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:
OHIO DEPARTMENT OF TRANSPORTATION - DISTRICT 8
505 S. SR 741
LEBANON, OH 45036

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

HAM-75-7.85 TREE CLEARING

CITY OF CINCINNATI HAMILTON COUNTY

INDEX OF SHEETS:

TITLE SHEET	1
SCHEMATIC	2-3
GENERAL NOTES	4-5
MAINTENANCE OF TRAFFIC	6-7
GENERAL SUMMARY	8
PLAN	8A

FEDERAL PROJECT NUMBER

E220 (691)

RAILROAD INVOLVEMENT

NORFOLK SOUTHERN RAILROAD

PROJECT DESCRIPTION

CLEARING OF TREES AND VEGETATION FOR THE HAM-75-7.85 PID 77889 PROJECT.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A* ACRES

* 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.

2019 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 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

DISTRICT DEPUTY DIRECTOR

Taryk Capbell

DIRECTOR, DEPARTMENT OF TRANSPORTATION

Jack Mohr

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
DM-4.3	1/15/16			800-2019 SEE PROPOSAL	HAM-75-7.85
DM-4.4	1/15/16			832 7/15/22	PID 77889 PLANS
MT-95.30	7/19/19				
MT-95.45	1/17/20				
MT-95.50	7/21/17				
MT-97.10	4/19/19				
MT-105.10	1/17/20				

ENGINEER'S SEAL

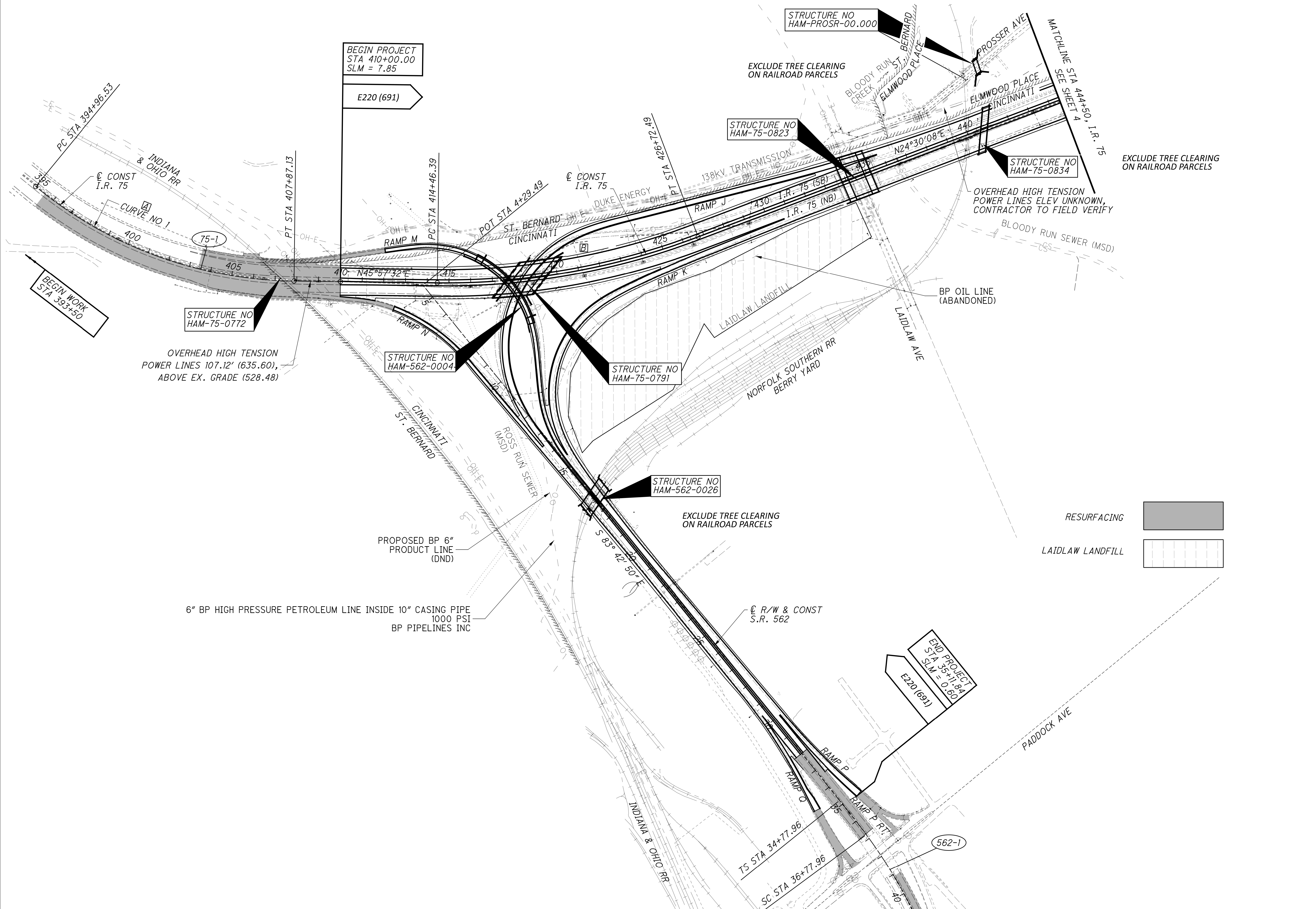
Stephanie Otten
10-6-22

TITLE SHEET

DESIGN AGENCY
DESIGNER
SRO
REVIEWER
JDO 10-06-22
PROJECT ID
117762
SHEET TOTAL
1 8


HAM-75-7.85 TREE CLEARING

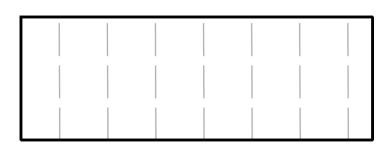
MODEL: Sheet_SurvFt_PAPER SIZE: 34x22 (in.) DATE: 12/8/2022 TIME: 11:23:33 AM USER: sotten
 pw:\ohiodot-pw.bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\117762\400-Engineering\Roadway\Sheets\117762_GB001.dgn

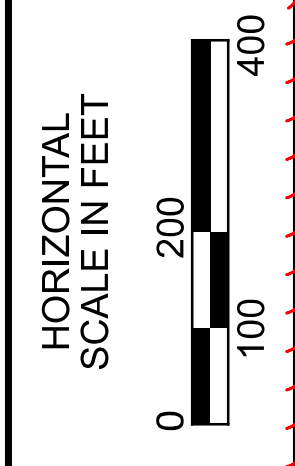


OVERHEAD HIGH TENSION
 POWER LINES 107.12' (635.60),
 ABOVE EX. GRADE (528.48)


6" BP HIGH PRESSURE PETROLEUM LINE INSIDE 10" CASING PIPE
 1000 PSI
 BP PIPELINES INC

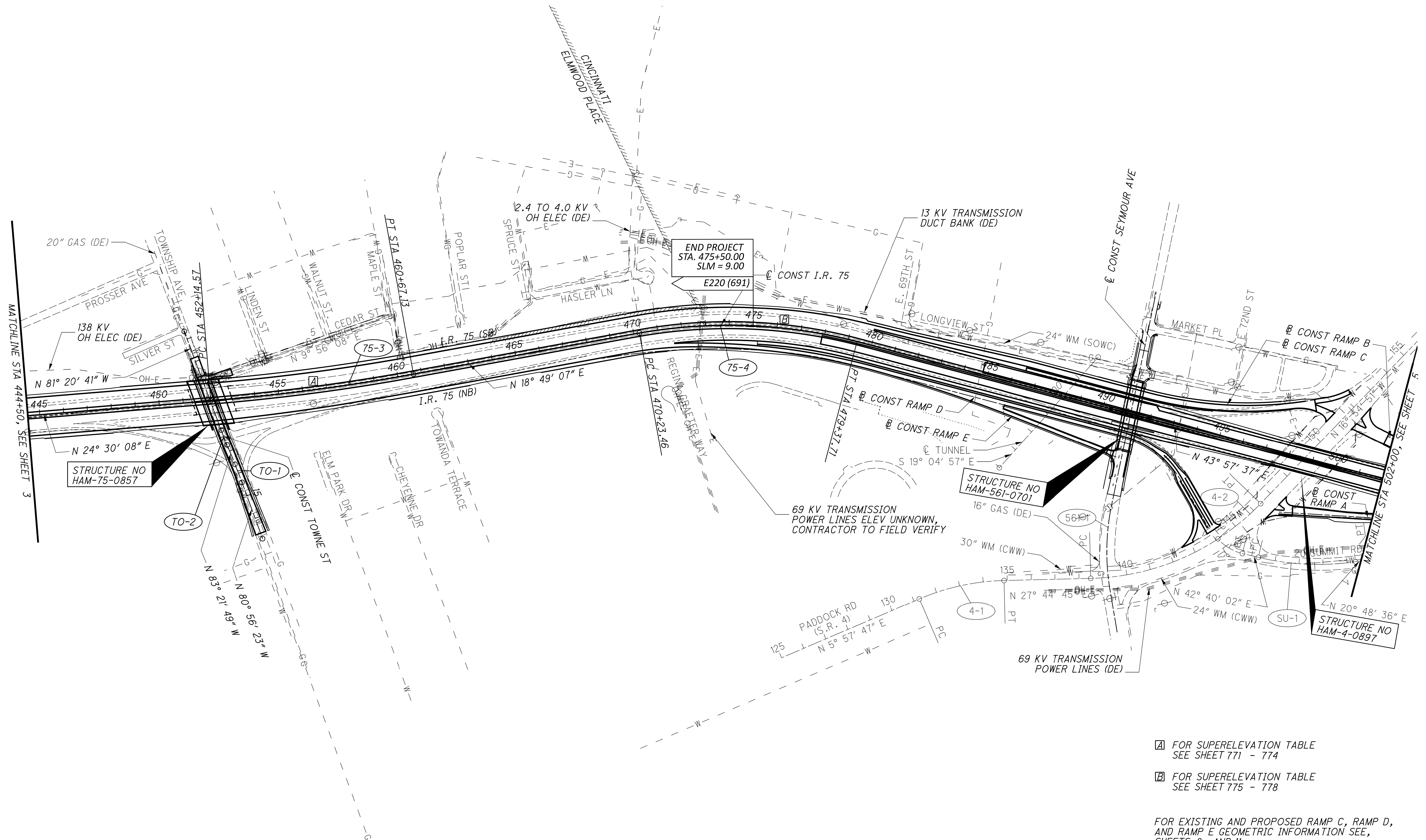
RESURFACING 

LIDLAW LANDFILL 



SCHEMATIC

DESIGN AGENCY	
	
DESIGNER	SRO
REVIEWER	JDO
PROJECT ID	10-6-22
	117762
SHEET	TOTAL
2	8



☐ FOR SUPERELEVATION TABLE
SEE SHEET 771 - 774

☐ FOR SUPERELEVATION TABLE
SEE SHEET 775 - 778

FOR EXISTING AND PROPOSED RAMP C, RAMP D,
AND RAMP E GEOMETRIC INFORMATION SEE,
SHEETS 8 AND 11



SCHEMATIC

DESIGN AGENCY



DESIGNER	SRO
REVIEWER	JDO
PROJECT ID	117762
SHEET	3
TOTAL	8

PROJECT WORK DESCRIPTION

THE PLANS FOR THIS PROJECT ARE BASED ON PROPOSED ROADWAY ALIGNMENT AND FEATURES THAT WILL BE BUILT UNDER A FUTURE CONTRACT. THE ONLY WORK TO BE PERFORMED UNDER THIS CONTRACT IS TREE AND VEGETATION REMOVAL WITHIN THE LIMITS NOTED BELOW.

LIMITS:
BETWEEN THE EXISTING PAVEMENT AND PROPOSED RIGHT OF WAY ON SB I-75 FROM STA. 410+00 TO STA. 475+50, AND ON NORFOLK SOUTHERN RAILROAD AS DEPICTED WITH SHADED AREAS ON SHEET 8A. THESE AREAS ARE DEFINED BY THE RIGHT OF WAY AND CONSTRUCTION LIMITS THAT CAN BE FOUND IN THE HAM-75-7.85 (PID 77889) PLAN SET INCLUDED IN THE SPECIAL PROVISIONS.

LOCATION DETAIL:
FOR CROSS HATCHED AREAS DEPICTED ON SHEET 8A, THE ENDANGERED BAT HABITAT REMOVAL RESTRICTIONS CALLED OUT ON SHEET 5 ARE IN EFFECT. ALL OTHER AREAS IDENTIFIED FOR REMOVAL UNDER THIS CONTRACT CAN BE PERFORMED ANYTIME DURING THE CONTRACT DURATION.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

GAS DUKE ENERGY (GAS)
139 EAST 4TH ST., ROOM 460A
CINCINNATI, OH 45202
OH/KYHOUSEBILL@DUKE-ENERGY.COM

OIL BP PIPELINES (NORTH AMERICA) INC.
BLAKE PATRICK
30 SOUTH WACKER DRIVE
SUITE 900
CHICAGO, IL 60606
312-809-3155
BLAKE.PATRICK@BP.COM
BPIPELINESROW@BP.COM

BP PIPELINES NORTH AMERICA, INC.
KIM MILLER
930 TENNESSEE AVENUE
CINCINNATI, OH 45229
513-649-6187

ELECTRIC: DUKE ENERGY - ELECTRIC (DISTRIBUTION)
AARON WRIGHT
2010 DANA AVE
CINCINNATI, OH 45207
513-514-8211
AARON.WRIGHT@DUKE-ENERGY.COM

DUKE ELECTRIC - TRANSMISSION
TIM MEYER
139 EAST 4TH STREET, 552A
CINCINNATI, OH 45202
513-287-1266

UTILITIES (CONTINUED)

CABLE CHARTER COMMUNICATIONS
KENT RIEGER
10920 KENWOOD ROAD
BLUE ASH, OHIO 45242
DL-SOUTHERN-OHIO-OUTSIDE-PLANT@CHARTER.COM
513-386-5499
KENT.REIGER@CHARTER.COM

TELEPHONE CINCINNATI BELL - AERIAL & PLACING
ROB STROCHINSKY
221 E. 4TH STREET
BLDG. 121-900
CINCINNATI, OH 45201
513-565-6014
ROBERT.STROCHINSKY@CINBELL.COM
ROADPROJECTS@CINBELL.COM

SPRINT NEXTEL
STEVE HUGHES
11370 ENTERPRISE PARK DRIVE
SHARONVILLE, OH 45251
513-459-5796
STEVEN.HUGHES@SPRINT.COM

CINCINNATI BELL - UNDERGROUND STRUCTURES
BRECK COWAN
221 E. 4TH STREET
BLDG. 121-900
CINCINNATI, OH 45201
513-565-7187 - OFFICE
BRECK.COWAN@CINBELL.COM

VERIZON
ALLEN GUEST
120 RAVINE STREET
AKRON, OH 44303
330-253-8267

QWEST/CENTURYLINK/LUMEN
JORDAN LANGSTON
20 N MECHANIC STREET
LEBANON, OH 45036
513-933-3502
RELOCATIONS@LUMEN.COM

SANITARY SEWER CINCINNATI METROPOLITAN SEWER DISTRICT
ROBERT FRANKLIN
1600 GEST STREET
CINCINNATI, OH 45204
513-577-7188
MSDUTILITYREVIEW@CINCINNATI-OH.GOV
ROB.FRANKLIN@CINCINNATI-OH.GOV

WATER GREATER CINCINNATI WATER WORKS
KYLE BUCKLEY
3845 EASTERN AVENUE
CINCINNATI, OH 45226
513-591-7874
KYLE.BUCKLEY@GCWW.CINCINNATI-OH.GOV

SOUTHWESTERN OHIO WATER COMPANY
MIKE FLAVIN
600 W. LOVELAND AVENUE, SUITE 3
LOVELAND, OH 45140
513-489-4844

STORM CINCINNATI STORMWATER MANAGEMENT UTILITY
ROBERT GOODPASTER
4747 SPRING GROVE AVENUE
CINCINNATI, OHIO 45232
513-591-7746
ROBERT.GOODPASTER@CINCINNATI-OH.GOV
SMUPLANREVIEW@CINCINNATI-OH.GOV

ODOT ITS CENTRAL OFFICE ODOT ITS
1606 WEST BROAD STREET
COLUMBUS, OH 43223
614.387.4113
CEN.ITS.LAB@DOT.OHIO.GOV

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

UTILITY NOTIFICATION

THE OHIO DEPARTMENT OF TRANSPORTATION HAS UTILITY FACILITIES (HIGHWAY LIGHTING, TRAFFIC SIGNALS, ITS) WITHIN THE LIMITS OF THIS PROJECT.

IN ADDITION TO THE INFORMATION OUTLINED IN THE 4A NOTES OF THIS CONTRACT, AND EVEN THOUGH ODOT IS LISTED AS A MEMBER OF THE OHIO UTILITIES PROTECTION

SERVICES (OUPS), THE CONTRACTOR ON THIS PROJECT IS REQUIRED TO CONTACT ODOT, DISTRICT 8, TRAFFIC DEPARTMENT, AND ARTIMIS DIRECTLY SO THAT THE ODOT UTILITIES, LOCATED WITHIN THIS PROJECT, ARE MARKED. THE CONTRACTOR SHALL NOTIFY DISTRICT 8, TRAFFIC AT 513-933-6689, ARTIMIS AT 513-564-6118, AND THE PROJECT ENGINEER, FOURTEEN (14) CALENDAR DAYS IN ADVANCE OF ANY WORK, FOR THE NEED TO MARK ODOT'S OWNED UTILITIES.

THE ABOVE REQUIREMENTS ARE IN ADDITION TO SECTION 105.07 & 107.16 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE 4A PROPOSAL NOTE. THE CONTRACTOR SHALL NOTIFY OTHER UTILITIES THROUGH OUPS OR DIRECTLY A MINIMUM OF FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK.

THE COST FOR THE ABOVE DESCRIBED WORK IS IDENTICAL TO THE OVERALL BID PRICE OF THE PROJECT.

EXISTING OVERHEAD ELECTRIC FACILITIES

WITHIN THE CORRIDOR SEVERAL OVERHEAD ELECTRIC FACILITIES EXIST. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING UNDER OR NEAR ANY ELECTRIC UTILITY.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 13/2017 OF THE PID 77889 PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: STATIC GPS OBSERVATIONS FOR HORIZONTAL CONTROL AND DIFFERENTIAL LEVELING FOR VERTICAL CONTROL

MONUMENT TYPE: TYPE A

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 03

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (1995)
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (SOUTH ZONE)
COMBINED SCALE FACTOR: 0.999916593
ORIGIN OF COORDINATE SYSTEM: NORTHING: 0.0, EASTING 0.0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

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.

CLEARING AND GRUBBING, AS PER PLAN

THIS WORK SHALL CONSIST OF CUTTING DOWN, REMOVING AND CLEANING UP ALL CURRENTLY STANDING TREES, STUMPS, AND VEGETATION WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 6 FEET LOCATED INSIDE THE "TREE REMOVAL LIMIT" WHICH IS DEFINED AS THE AREA BETWEEN THE EXISTING EDGE OF PAVED SHOULDER AND PROPOSED HAM-75-7.85 (PID 77889) CONSTRUCTION LIMITS. ALL STANDING TREES, STUMPS, AND VEGETATION SHALL BE CUT 6 INCHES FROM THE GROUND. GRUBBING IS NOT PART OF THE WORK.

THE CONTRACTOR WILL REMOVE FROM THE SITE ALL CURRENTLY STANDING TREES, STUMPS, AND VEGETATION CUT, AS PART OF THIS CONTRACT, FOR USE AS LUMBER, PULP WOOD, MULCH OR OTHER USES CONSISTENT WITH OHIO LAW. THE CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE GROUND COVER/SOIL AND STREAMS. TREE AND VEGETATION DIAMETER SHALL BE MEASURED 3 FEET ABOVE THE GROUND.

THE TREE AND VEGETATION REMOVAL LIMITS WILL BE MARKED BY THE CONTRACTOR PRIOR TO ANY CUTTING. THE CONTRACTOR SHALL TAKE CARE NOT TO DISTURB THE RIGHT OF WAY PINS OR ANY REFERENCES OR BENCHMARKS. POINTS THAT ARE DISTURBED SHALL BE REPLACED BY A LICENSED PROFESSIONAL SURVEYOR HIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE

CLEARING OF ANY TREES THAT HAVE SUITABLE SUMMER BROODREARING OR ROOSTING HABITAT FOR THE FEDERALLY ENDANGERED INDIANA BAT (E.G. LIVING OR STANDING DEAD TREES WITH EXFOLIATING, PEELING OR LOOSE BARK, SPLIT TRUNKS OR BRANCHES, AND/OR CAVITIES), SHALL OCCUR BEFORE MARCH 30TH OR AFTER OCTOBER 1ST WHEN THE SPECIES WOULD NOT BE USING SUCH HABITAT. ALL ACCESS ROUTES MUST BE APPROVED IN WRITING BY THE PROJECT ENGINEER 5 DAYS BEFORE THE USE OF CITY, COUNTY, OR TOWNSHIP ROADS.

PAYMENT FOR THE TREE CLEARING WORK SHALL INCLUDE ALL EQUIPMENT, MATERIAL, AND LABOR. PAYMENT FOR THE TREE CLEARING WORK SHALL BE IN A LUMP SUM.

THE APPROXIMATE TOTAL AREA OF TREE CLEARING IS 10.1 ACRES.

RESPONSIBILITY FOR DAMAGE CLAIMS

AT THE PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL SUBMIT A FULL DISCLOSURE OF HIS OPERATIONAL AND ENVIRONMENTAL PLANS AS FOLLOWS:

- 1) A CONTINGENCY PLAN FOR FIELD OPERATIONS
- 2) A RESPONSIBLE FOLLOW-UP COMPLAINT PROCEDURE

THE CONTRACTOR SHALL TAKE EVERY PRECAUTION IN HIS OPERATIONS TO AVOID PROPERTY DAMAGE AND ASSUMES 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. ANY DAMAGE TO PRIVATE OR ODOT PROPERTY SHALL BE IMMEDIATELY REPAIRED OR REPLACED, AT THE DIRECTION OF THE ENGINEER, BY THE CONTRACTOR AT NO COST TO THE STATE.



ITEM 632, CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING THE RIGHT OF WAY AND/OR LIMITS OF THE TREE REMOVAL AS DESCRIBED IN THE PLANS. NO WORK OR EQUIPMENT SHALL BE PERMITTED OUTSIDE THE RIGHT OF WAY. THE CONTRACTOR SHALL ADHERE TO ALL PROVISIONS STATED IN THE ENVIRONMENTAL COMMITMENTS AND ITEM 201, CLEARING AND GRUBBING, AS PER PLAN.

RIGHT OF WAY PLANS FOR THE PROPOSED HAM-75-7.85 (PID 77889) ROADWAY WIDENING PROJECT ARE PROVIDED IN THE SPECIAL PROVISIONS. THE LUMP SUM BID FOR ITEM 623, CONSTRUCTION LAYOUT STAKES SHALL INCLUDE ALL EQUIPMENT, MATERIALS AND LABOR TO COMPLETE THE WORK DESCRIBED IN THIS NOTE

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. ~~NO TREES SHALL BE REMOVED IN THE CROSS HATCHED AREAS SHOWN ON SHEET 8A FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.~~

CONSTRUCTION NOTIFICATION

THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER OF PARCE 201-T, SOLVAY RARE EARTH SYSTEMS, 48 HOURS PRIOR TO ENTERING UPON OR BEGINNING WORK ON THE TEMPORARY EASEMENT. NOTIFICATION SHALL BE IN WRITING AND INDICATE THE ANTICIPATED START DATE OF THE USE OF THE TEMPORARY EASEMENT FOR ACCESS OR CONSTRUCTION. THE CONTRACTOR EASEMENT FOR ACCESS OR CONSTRUCTION. THE CONTRACTOR NOTIFICATION TO THE PROJECT ENGINEER FOR PROJECT RECORDING PURPOSES AND TRACKING THE DURATION OF USE FOR THE PARCEL.

NORFOLK SOUTHERN RAILROAD RIGHT OF ENTRY

WITHIN 7 DAYS OF SIGNED CONTRACT, THE CONTRACTOR SHALL SUBMIT A RIGHT OF ENTRY TO NORFOLK SOUTHERN RAIL ROAD AND COPY THE CONSTRUCTION ENGINEER.

GENERAL NOTES

DESIGN AGENCY



DESIGNER
SRO

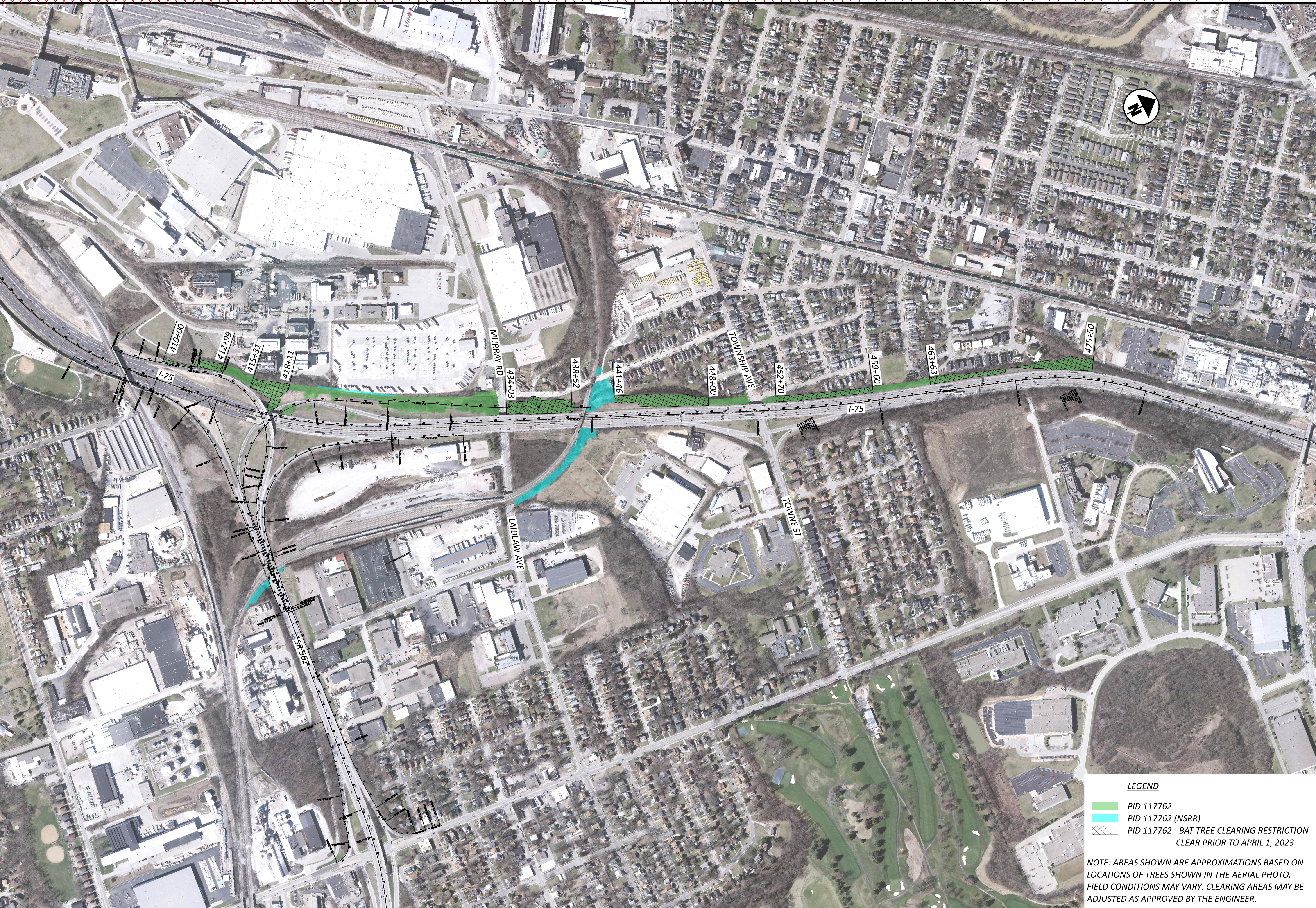
REVIEWER
JDO 10-06-22

PROJECT ID
117762

SHEET TOTAL
5 8

HAM-75-7.85 TREE CLEARING

MODEL: Sheet 2 PAPER: 34x22 (in.) DATE: 12/8/2022 TIME: 12:48:31 PM USER: sotten
pw:\ohiodot-pw.bentley.com\ohiodot-pw-02\Documents\01.Active Projects\District 08\Hamilton\117762\400-Engineering\Roadway\Basemaps\117762_BP001



HORIZONTAL SCALE IN FEET

PLAN

LEGEND

- PID 117762
- PID 117762 (NSRR)
- PID 117762 - BAT TREE CLEARING RESTRICTION
CLEAR PRIOR TO APRIL 1, 2023

NOTE: AREAS SHOWN ARE APPROXIMATIONS BASED ON LOCATIONS OF TREES SHOWN IN THE AERIAL PHOTO. FIELD CONDITIONS MAY VARY. CLEARING AREAS MAY BE ADJUSTED AS APPROVED BY THE ENGINEER.

DESIGN AGENCY	
DESIGNER	SRO
REVIEWER	XXX MM-DD-YY
PROJECT ID	117762
SHEET	TOTAL
8A	8