

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAW-7-2.17 TREE CLEARING

UNION TOWNSHIP
LAWRENCE COUNTY

PROJECT DESCRIPTION

THIS PROJECT IS TO CLEAR ALL TREES LOCATED INSIDE THE CONSTRUCTION LIMITS ON THE RIGHT-OF-WAY PARCELS THAT HAVE BEEN PURCHASED FOR THE PROPOSED S.R. 7 ALIGNMENT, WITH THE EXCEPTION OF ENVIRONMENTALLY PROTECTED AREAS AS SHOWN ON THESE PLANS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 17.9 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 17.9 ACRES

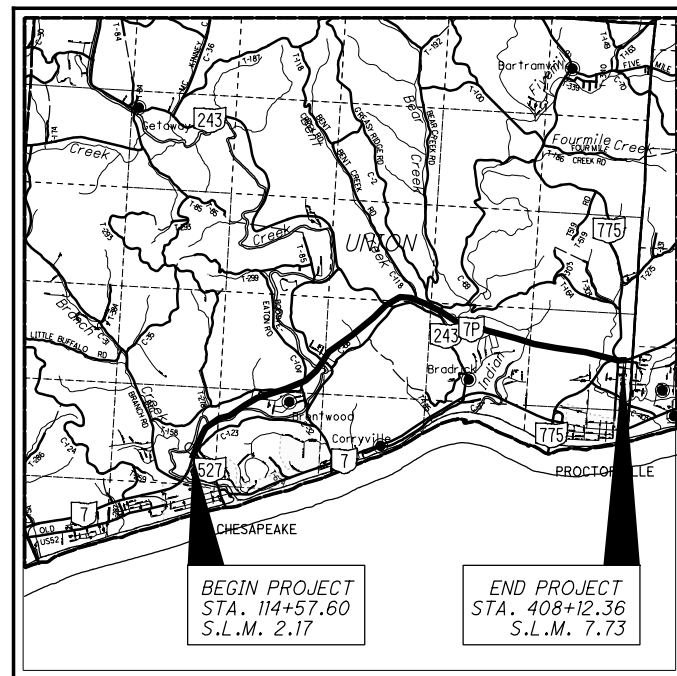
LIMITED ACCESS

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



LOCATION MAP

LATITUDE: N 38°27'16" LONGITUDE: W 82°25'19"



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

DESIGN DESIGNATION

TREE CLEARING

DESIGN EXCEPTIONS

NONE REQUIRED

INDEX OF SHEETS

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|------------------------------------|--------------------|----------|
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| GENERAL NOTES | P.8-P.9 | |
| GENERAL SUMMARY | P.10-P.12 | |
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| TREE CLEARING PLAN | P.19-P.54 | |

▲ 7-31-2024 - MOD 2 COMPLIANCE
▲ 7-12-2024 - MOD 1 COMPLIANCE

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:
ARCADIS - IBI GROUP
8101 North High Street
Columbus OH 43235
tel 614 818 4900 fax 614 818 4901

ENGINEERS SEAL:

SIGNED: Jeffrey D. Hackenbrach
DATE: 07-31-24

| STANDARD CONSTRUCTION DRAWINGS | | | | SUPPLEMENTAL SPECIFICATIONS | SPECIAL PROVISIONS |
|--------------------------------|----------|----------|----------|-----------------------------------|--------------------------------|
| DM-4.4 | 01/15/19 | MT-97.10 | 04/19/19 | 800-2023 07/19/24 832 07/21/23 | WATERWAY PERMIT 06/27/2024 |
| | | | | | OIL AND GAS WELL 07/31/2024 |
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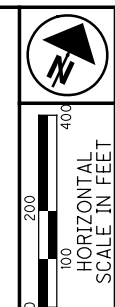
Michael G. Dombrowski
Michael G. Dombrowski
District 09 Deputy Director

Jack Marchbanks, PhD
Jack Marchbanks, PhD
Director, Department of Transportation

FEDERAL PROJECT NO. NON-FEDERAL
PID NO. 120720
CONSTRUCTION PROJECT NO. NONE
RAILROAD INVOLVEMENT NONE
LAW-7-2.17 TREE CLEARING
P.1 54

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SECTIONS 14, 15, 22 & 23
T-1-N, R-16-W, CONGRESS LANDS
UNION TOWNSHIP
LAWRENCE COUNTY, OHIO



PID NO. 120720

R/W DESIGNER TDW
R/W REVIEWER JQH

SCHEMATIC PLAN/PROPERTY PARCEL MAP
STA. 214+16.27 TO STA. 265+00

LAW-7-2.17
TREE CLEARING

3 / 6

P.4
54

CURVE DATA
S.R. 243
CURVE NO. 2

P.I. STA. 15+51.11 $\theta s = 00^\circ 45' 00''$
 $\Delta = 5^\circ 37' 36''$ (LT) $Ls = 100.00'$
 $Dc = 1^\circ 30' 00''$ $Ts = 237.72'$
 $R = 3,819.72'$ $LT = 66.67'$
 $T = 137.62'$ $ST = 33.33'$
 $L = 275.13'$ $CS Sta. 16+88.52$
 $E = 2.48'$ $ST Sta. 17+88.52$
 TS STA. 13+13.39
 SC STA. 14+13.39

CURVE DATA
S.R. 243
CURVE NO. 1

P.I. STA. 11+06.30 $\Delta = 22^\circ 39' 36''$ (RT)
 $Dc = 24^\circ 54' 40''$
 $R = 230.00'$
 $T = 46.08'$
 $L = 90.96'$
 $E = 4.57'$
 PC STA. 10+60.22
 PT STA. 11+51.18
 CURVE DATA
S.R. 7
CURVE NO. 4

P.I. STA. 232+01.52 $\Delta = 34^\circ 12' 59''$ (LT)
 $Dc = 4^\circ 45' 00''$
 $R = 1,206.23'$
 $T = 161.12'$
 $L = 320.35'$
 $E = 10.71'$
 TS STA. 226+28.73
 SC STA. 230+28.73
 $\theta s = 9^\circ 30' 00''$
 $Ls = 400.00'$
 $Ts = 572.79'$
 $LT = 267.05'$
 $ST = 133.68'$
 CS STA. 233+49.08
 ST STA. 237+49.08

CURVE DATA
C.R. 69
CURVE NO. 1

P.I. STA. 10+33.80 $\Delta = 20^\circ 52' 36''$ (RT)
 $Dc = 24^\circ 54' 40''$
 $R = 230.00'$
 $T = 42.37'$
 $L = 83.80'$
 $E = 3.87'$
 PC STA. 9+91.43
 PT STA. 10+75.23

CURVE DATA
C.R. 69
CURVE NO. 2

P.I. STA. 15+77.89 $\Delta = 10^\circ 17' 44''$ (LT)
 $Dc = 4^\circ 00' 00''$
 $R = 1,432.39'$
 $T = 129.04'$
 $L = 257.39'$
 $E = 5.80'$
 PC STA. 14+48.85
 PT STA. 17+06.24

CURVE DATA
C.R. 69
CURVE NO. 3

P.I. STA. 25+76.25 $\theta s = 1^\circ 05' 37''$
 $\Delta = 22^\circ 45' 00''$ (RT) $Ls = 125.00'$
 $Dc = 1^\circ 45' 00''$ $Ts = 786.51'$
 $R = 3,274.04'$ $LT = 83.33'$
 $T = 658.68'$ $ST = 41.67'$
 $L = 1,300.00'$ $CS STA. 32+14.74$
 $E = 65.60'$ $ST STA. 33+39.74$
 TS STA. 17+89.74
 SC STA. 19+14.74

LEGEND

- TREE CLEARING AREA - A
- TREE CLEARING AREA - B (INDIVIDUAL 404 & 401 PERMITS REQUIRED)
- DO NOT DISTURB AREA (DND)
- 2001 NEPA BOUNDARY
- POTENTIAL BAT HABITAT

P.I. STA. 261+89.75 $\theta s = 5^\circ 41' 15''$
 $\Delta = 58^\circ 46' 06''$ (RT) $Ls = 350.00'$
 $Dc = 3^\circ 15' 00''$ $Ts = 1,169.30'$
 $R = 1,762.95'$ $LT = 233.45'$
 $T = 773.76'$ $ST = 116.78'$
 $L = 1,458.26'$ $CS STA. 268+28.71$
 $E = 162.33'$ $ST STA. 271+78.71$
 TS STA. 250+20.45
 SC STA. 253+70.45

CURVE DATA
S.R. 7
CURVE NO. 5

99A BILL A. BROWN OWNER OF THIS BUILDING, LYING WITHIN PARCEL 99

APPROX. LOCATION ACCESS POINT 6: OVER CULVERT AT STA. 243+90

END ACQUISITION S.R. 243 STA. 21+70.00

APPROX. LOCATION ACCESS POINT 8

BEGIN ACQUISITION C.R. 69 STA. 12+36.83

APPROX. LOCATION ACCESS POINT 7

7-12-2024 - MOD 1 COMPLIANCE
7-31-2024 - MOD 2 COMPLIANCE

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UTILITIES

NO EXISTING UTILITY FACILITIES WILL BE RELOCATED AHEAD OF THE PROJECT. ALL EXISTING UTILITY FACILITIES WILL REMAIN IN PLACE AND ACTIVE DURING PROJECT CONSTRUCTION. THE WORK REQUIRED BY THIS PROJECT SHALL NOT AFFECT ANY UTILITY FACILITIES THAT MAY EXIST WITHIN THE WORK AREA.

IT IS THE RESPONSIBILITY OF THE PROJECT CONTRACTOR TO IDENTIFY POTENTIAL UTILITY CONFLICTS, BOTH BY VISUAL INSPECTION AND BY CONTACTING THE OHIO UTILITIES PROTECTION SERVICE (OHIO 811) FOR FIELD MARKINGS OF THE UNDERGROUND UTILITIES. IF, IN THE EVENT THAT THE PROJECT CONTRACTOR DETERMINES THAT UTILITY RELOCATIONS, ADJUSTMENTS OR OUTAGES ARE NECESSARY, DUE TO THEIR SPECIFIC INTENDED ACTIVITIES, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AND COORDINATE WITH THE UTILITY OWNER(S) TO RESOLVE THE UTILITY CONFLICTS OR, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST THEIR WORK ACCORDINGLY, SO AS TO AVOID DAMAGE TO THE EXISTING UTILITY FACILITIES.

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

- FRONTIER COMMUNICATIONS 1315 ALBERT STREET PORTSMOUTH, OHIO 45662 PHONE: (740) 354-0521 MS. DENA MARTIN
- AMERICAN ELECTRIC POWER (TRANSMISSION) 8600 SMITHS HILL ROAD NEW ALBANY, OHIO 43054 PHONE: (380) 205-5072 MR. MICHAEL CARR
- HECLA WATER ASSOCIATION, INC. 3190 SR 141 IRONTON, OHIO 45638 PHONE: (740) 533-0526, EXT. 5 MR. TIM DALTON
- COLUMBIA GAS OF OHIO 215 N. 7TH STREET IRONTON, OHIO 45638 PHONE: (740) 513-8529 MS. TORI PIERCE
- ARMSTRONG CABLE SERVICES 9651 COUNTY ROAD 1 SOUTH POINT, OHIO 45680 PHONE: (740) 451-1827 MR. JARAN BARTOE
- CHARTER COMMUNICATIONS (AKA SPECTRUM FKA TIME WARNER CABLE) 1617 FOXHAVEN DRIVE RICHMOND, KENTUCKY 40475 PHONE: (859) 626-4829 MR. GREG RUSSELL
- AMERICAN ELECTRIC POWER (DISTRIBUTION) 38831 STATE ROUTE 7 REEDSVILLE, OHIO 45772 PHONE: (740) 985-3054 MR. CLARKE SAUNDERS
- BUCKEYE RURAL ELECTRIC CO-OP, INC. P.O. BOX 200 RIO GRANDE, OHIO 45674 PHONE: (740) 379-9659 MR. WESTON CLARY
- AQUA OHIO (FORMERLY OHIO-AMERICAN WATER COMPANY) 5481 BUENOS ARIES BLVD. WESTERVILLE, OHIO 43081 PHONE: (614) 882-6586, EXT. 50546 MR. VINNY LUPICA
- MYERS DRILLING COMPANY 826 20TH STREET HUNTINGTON, WV. 25703-1850 PHONE: (304) 736-7431 MR. JOHN DIAL
- UNION-ROME TOWNSHIPS SUBSEWER DISTRICT 5481 BUENOS ARIES BLVD. WESTERVILLE, OHIO 43081 PHONE: (614) 882-6586, EXT. 50546 MR. VINNY LUPICA

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.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE IMPACTS, 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.

WHERE CONSTRUCTION ACTIVITIES ARE WITHIN 500 FEET OF RESIDENTIAL AREAS, CONSTRUCTION ACTIVITIES WILL BE LIMITED TO DAYTIME HOURS ONLY. THE FOLLOWING AREA GIVE LOCATIONS WHERE WORK SHALL BE LIMITED TO DAYTIME HOURS ONLY:

- AREA 1 S.R. 7 STATION 160+00 TO STATION 220+00
- AREA 2 S.R. 7 STATION 381+00 TO STATION 409+00
- AREA 3 S.R. 775 STATION 45+30 TO STATION 70+75

CLEARING AND GRUBBING, AS PER PLAN

THIS WORK SHALL CONSIST OF CUTTING DOWN AND CLEANING UP ALL CURRENTLY STANDING TREES, TREE TOPS, ALREADY FALLEN TREES, AND VEGETATION WITH A DIAMETER OF 3 INCHES OR GREATER AND A HEIGHT OF 6 FEET OR GREATER LOCATED INSIDE THE "TREE REMOVAL LIMITS" AS SHOWN ON THESE PLAN SHEETS. ALL TREES AND VEGETATION SHALL BE CUT 6 INCHES FROM THE GROUND. GRUBBING OF STUMPS AND ROOTS IS NOT PART OF THE WORK.

THE CONTRACTOR WILL REMOVE FROM THE SITE AND RIGHT OF WAY ALL CUT AND ALREADY FALLEN TREES, TREE TOPS, PROCESSED WOOD SUCH AS MULCH, AND VEGETATION 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 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 BROOD-REARING 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 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 COUNTY OR TOWNSHIP ROADS.

PAYMENT FOR CLEARING, REMOVING TREES, AND REMOVING ALL VEGETATION AND CONSTRUCTION DEBRIS AT THE SITE SHALL BE IN A LUMP SUM, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - (A OR B), (PARCEL#...), UNLESS SEPARATELY ITEMIZED IN THE PLAN.

FIELD INSPECTION OF PARCELS

THE DEPARTMENT DOES NOT HAVE POSSESSION OF ALL PARCELS TO BE CLEARED. THE SITE INVESTIGATION SHALL NOT DISTURB ANY OCCUPANTS AND THE INSPECTION SHALL BE OFF-PREMISE INSPECTION ONLY, UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE DEPARTMENT FOR INSPECTION OF THE SITES.

ARRANGEMENTS FOR INSPECTION OF THE SITES AND/OR TO REVIEW REAL ESTATE RECORDS ON THE PARCELS ARE AVAILABLE AT THE FOLLOWING LOCATION:

OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 9 PLANNING AND ENGINEERING 650 EASTERN AVENUE CHILlicothe, OHIO 45601

CONTACT PERSONS: TIM YOUNG OR SHAUN MILLS, REALTY SPECIALIST MGR REALTY SPECIALIST 740-774-9073 740-774-9074 TOLL FREE IN OHIO: 1-888-819-8501

ITEM 690E98400: SPECIAL - DEBRIS REMOVAL AND DISPOSAL

REMOVE DEBRIS PILE LOCATED ON PARCEL 7 WITH IN THE DEPARTMENT'S RIGHT-OF-WAY LIMITS. THE ESTIMATED DIMENSIONS OF 230 FEET LONG BY 40 FEET WIDE.

PAYMENT FOR REMOVING DEBRIS AT THIS LOCATION SPECIFIED IN THE PLANS WHICH INCLUDES BUT NOT LIMITED TO BRUSH, LIMBS, STUMPS, LARGE ROCKS, AND LOGS AT THE SITE SHALL BE IN A LUMP SUM.

ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 690E98400: SPECIAL - DEBRIS REMOVAL AND DISPOSAL.

COOPERATION BETWEEN CONTRACTORS

AT ANY TIME, THE DEPARTMENT MAY CONTRACT FOR OTHER WORK ON OR NEAR THE PROJECT.

SEPARATE CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT SHALL CONDUCT THEIR WORK WITHOUT INTERFERING WITH OR HINDERING THE PROGRESS OR COMPLETION OF WORK BEING PERFORMED BY OTHER CONTRACTORS AND SHALL COOPERATE WITH EACH OTHER AS DIRECTED BY THE ENGINEER.

TEMPORARY SOIL AND SEDIMENT CONTROL, AS PER PLAN

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE PLACED BY THE CONTRACTOR WITH THE ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

- A STORM WATER POLLUTION PREVENTION PLAN WILL BE REQUIRED FOR THE PROJECT AND PAID FOR WITH: ITEM 832, STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN LUMP SUM
- ITEM 832, STORM WATER POLLUTION PREVENTION INSPECTIONS LUMP SUM
- ITEM 832, STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE LUMP SUM
- ITEM 832, EROSION CONTROL 87,000 EACH

ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE AT THE END OF THE CONTRACT.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN INCLUDED FOR DUST CONTROL PURPOSES:

- 616 WATER 50 M. GAL.

MAINTENANCE OF TRAFFIC

THE TREE REMOVAL WORK WILL NOT REQUIRE LANE CLOSURES. FLAGGERS MAY BE USED AS NEEDED TO PROGRESS THE WORK.

LENGTH AND DURATION OF LANE RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELLING PUBLIC. LANE RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ACCESS TO LOCAL PROPERTY OWNERS SHALL BE MAINTAINED AT ALL TIMES.

HIGHWAYS, LOCAL ROADS AND STREETS REQUIRED AS HAUL ROADS FOR HAULING EQUIPMENT AND FOR DEBRIS/MATERIAL DISPOSAL SHALL BE IN ACCORDANCE WITH 105.13.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 623, CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING THE RIGHT-OF-WAY AND ESTABLISHING THE PLAN APPROVED STATION/OFFSET LIMITS OF THE TREE REMOVAL. NO WORK OR EQUIPMENT SHALL BE PERMITTED OUTSIDE OF 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.

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.

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CALCULATED TDW CHECKED JDH

GENERAL NOTES

LAW-7-2.17 TREE CLEARING

7-12-2024 - MOD 1 COMPLIANCE

7-31-2024 - MOD 2 COMPLIANCE

EXISTING PLANS

EXISTING PLANS ENTITLED LAW-7-2.17 (PID 75923) MAY BE INSPECTED IN THE ODOT DISTRICT 09 OFFICE IN CHILLICOTHE.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE BELOW FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING AS PER EXISTING PLANS ENTITLED LAW-7-2.17 (PID 75923).

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.

WORK LIMITS

FOR THIS PROJECT, THE LIMITS IDENTIFIED ON THE PLAN SHEETS AS "WORK LIMITS" SHALL BE FURTHER IDENTIFIED AS THE PHYSICAL CONSTRUCTION LIMITS OF THE LAW-7-2.17 (PID 75923) CONSTRUCTION PROJECT. THE TREE CLEARING LIMITS THAT ARE TO BE PERFORMED WITH THIS PROJECT (PID 120720) ARE IDENTIFIED BY THE SHADING AND HATCH PATTERNS IDENTIFIED ON THE PLAN SHEETS RESPECTIVELY FOR TREE CLEARING AREA - A AND FOR TREE CLEARING AREA - B OPERATIONS. FURTHERMORE, THE PLAN SHEETS PROVIDE KEY STATION AND OFFSET DATA TO ASSIST THE CONTRACTOR WITH LOCATING THE LIMITS OF TREE CLEARING AREA A AND TREE CLEARING AREA B BOUNDARIES.

THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR PROVIDING 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.

COORDINATION WITH MYERS DRILLING

THE CONTRACTOR SHALL BE REQUIRED TO MEET WITH MYERS DRILLING (SEE CONTACT INFORMATION BELOW) TO LOCATE THEIR WELLS AND ACCOMPANYING GAS UTILITY LINES PRIOR TO STARTING WORK ON THE RESPECTIVE PARCELS THAT MYERS DRILLING INFRASTRUCTURE EXISTS. REFERENCE SHEETS 23 AND 26 FOR THE PARCELS AND THE GENERAL LOCATION OF THEIR INFRASTRUCTURE. THE ODOT ENGINEER MUST BE PRESENT AT THIS MEETING. AFTER LOCATING MYERS DRILLING INFRASTRUCTURE LIMITS, THE CONTRACTOR SHALL BE REQUIRED TO INSTALL ORANGE SNOW FENCE AROUND THE PERIMETER, APPROXIMATELY 30 FEET TOTAL WIDTH, SO AS TO NOT DISTURB THEIR FACILITIES DURING TREE CLEARING OPERATIONS. SNOW FENCE TO BE REMOVED ONLY AFTER APPROVAL BY ENGINEER.

MYERS DRILLING
JOHN DIAL - PRESIDENT
826 20TH STREET
HUNTINGTON, WEST VIRGINIA 25703-1850
(304) 736-7431

PAYMENT FOR THE ASSOCIATED COORDINATION EFFORT WITH MYERS DRILLING AND INSTALLATION OF ALL ORANGE SNOW FENCE SHALL BE CONSIDERED INCLUDED WITH THE RESPECTIVE PARCEL "ITEM 201 CLEARING AND GRUBBING, AS PER PLAN" PAY ITEM.

ROCK OUTCROP AREAS

IN ORDER TO LIMIT THE HABITATION OF BATS IN ROCK OUTCROPS, TREE CLEARING SHALL BEGIN ON OCTOBER 1, 2024 OR THE FIRST DAY OF OPERATIONS WORKING TO CLEAR THE TREES BETWEEN STATIONS 307+00 AND 348+00 UNTIL THE TREE CLEARING IN THIS AREA IS COMPLETED. WORK IN OTHER AREAS IS PERMITTED ALSO, BUT PRIORITY IS GIVEN TO CLEAR THIS AREA FIRST.

ENVIRONMENTALLY SENSITIVE SITES

ENVIRONMENTALLY SENSITIVE SITES HAVE BEEN IDENTIFIED ON THE PLAN SHEETS. THESE SITES SHALL BE AVOIDED AND PROTECTED FROM ANCILLARY CONSTRUCTION ACTIVITIES (BORROW AREAS, WASTE AREAS, TEMPORARY OFF-SITE STORAGE, HAUL ROAD CONSTRUCTION, FIELD OFFICE PLACEMENT, ETC.) UNLESS PRIOR APPROVAL FROM ALL APPLICABLE REGULATING AGENCIES HAS BEEN OBTAINED IN WRITING IN ACCORDANCE WITH 105.16.

TREE CLEARING ADJACENT TO WETLANDS

WETLAND AREAS HAVE BEEN IDENTIFIED ON THE PLAN SHEETS. BEFORE TREE CLEARING BEGINS, THE CONTRACTOR SHALL PROVIDE AND INSTALL ORANGE SNOW FENCE AROUND EACH WETLAND AS DIRECTED IN THE WATERWAY PERMIT SPECIAL PROVISIONS (ATTACHED TO THESE PLANS). ORANGE SNOW FENCE TO BE REMOVED ONLY AFTER APPROVAL BY ENGINEER.

PAYMENT FOR THE ASSOCIATED EFFORT TO INSTALL THE ORANGE SNOW FENCE AND PROTECT WETLANDS SHALL BE CONSIDERED INCLUDED WITH ITEM 832, EROSION CONTROL.

APPROVAL TO PROCEED

THE INTENT OF THE APPROVAL TO PROCEED IS TO AUTHORIZE THE CONTRACTOR'S CREW TO PERFORM ITEM 201; CLEARING AND GRUBBING, AS PER PLAN ON A PARCEL AND TO RESTORE THAT PARCEL BEFORE STARTING WORK ON ANOTHER PARCEL. ALL TREES ON EACH PARCEL HAVE NOT BEEN LISTED SEPARATELY BECAUSE SOME MAY BE NON-PERFORMED FOR, BUT NOT LIMITED TO, THE FOLLOWING REASONS: TREES WHICH ARE RETAINED FOR REMOVAL BY THE FORMER OWNER AS PART OF THE NEGOTIATED SETTLEMENT, WATERWAY PERMIT REQUIRED FOR ACCESS, OR PARCELS NOT ACQUIRED BY THE STATE BY THE TERMINATION DATE OF THIS CONTRACT.

THE TREE CLEARING AREA - A PARCELS ARE THOSE PARCELS THAT DO NOT REQUIRE A WATERWAY PERMIT. TREE CLEARING AREA - B PARCELS ARE GENERALLY PARCELS THAT REQUIRE INDIVIDUAL 404 & 401 WATERWAY PERMITS. THE DEPARTMENT ANTICIPATES SECURING WATERWAY PERMITS AROUND NOVEMBER 1, 2024 AND INTEND TO RELEASE TREE CLEARING - B PARCELS TO THE CONTRACTOR FOR TREE CLEARING WORK ONCE THE PERMITS ARE RECEIVED.

WHEN THE DEPARTMENT HAS POSSESSION OF THE PARCEL, THE ENGINEER WILL ISSUE THE APPROVAL TO PROCEED WITH REMOVAL OF ALL TREES ON THAT PARCEL.

THE PARCELS OF ADDITIONAL ACCESS VIA ACQUISITION OF PROPERTY AND/OR WATERWAY PERMIT IS BUT NOT LIMITED TO PARCELS; 155-WL, 155-WDV, 155-CH, 166-WL, 167-WL2, 167-WL3, 167-WL4, AND 168-WL. CONTRACTOR SHALL CONTACT ENGINEER A MINIMUM OF 90 DAYS PRIOR TO COMPLETION TO VERIFY STATUS ON ALL OUTSTANDING NON ACCESSIBLE PROPERTIES AND/OR WATERWAY PERMIT APPLICATIONS.

ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL#...), UNLESS SEPARATELY ITEMIZED IN THE PLAN.

BAT TREE CUTTING RESTRICTIONS

ENSURE IMPACTS TO THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT AND THE STATE LISTED AND PROTECTED LITTLE BROWN BAT AND TRICOLORED 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. DEMARCATÉ CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. FOR THE PURPOSES 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.

TEMPORARY STREAM CROSSINGS, AS PER PLAN (INDIVIDUAL 404 & 401 PERMITS REQUIRED)

TEMPORARY STREAM CROSSINGS (OTHER THAN STREAM 14; SEE NOTE BELOW) WILL BE PERMITTED UNDER INDIVIDUAL 404 & 401 PERMITS. NO TEMPORARY FILL MATERIAL MAY BE PLACED IN ANY STREAM (OTHER THAN STREAM 14) UNTIL THE INDIVIDUAL 404 & 401 PERMITS ARE AUTHORIZED.

TEMPORARY STREAM CROSSING - STREAM 14 (NWP 33)

A TEMPORARY CROSSING FOR STREAM 14 WILL BE PERMITTED SEPARATELY UNDER NATIONWIDE PERMIT (NWP) 33. THE TEMPORARY CROSSING LOCATION WILL BE FIELD DETERMINED BY MUTUAL AGREEMENT BETWEEN THE CONTRACTOR, FIELD ENGINEER, AND AN ODOT D9 REPRESENTATIVE. THE CROSSING SHALL BE INSTALLED AS DIRECTED IN THE WATERWAY PERMIT SPECIAL PROVISIONS ISSUED BY ODOT FOR STREAM 14 UNDER NWP 33 (ATTACHED TO THESE CONSTRUCTION PLANS). NO TEMPORARY FILL MATERIAL MAY BE PLACED IN STREAM 14 AND NO TREES MAY BE CLEARED TO INSTALL THE TEMPORARY CROSSING UNTIL NWP 33 IS AUTHORIZED.

ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE COST OF THE TEMPORARY STREAM CROSSING, AS PER PLAN AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF SPECIAL PROVISION - WATERWAY PERMIT.

**HYDRAULIC DATA
STREAM #14**

| | |
|---------------|------------|
| DRAINAGE AREA | = 60 AC. |
| Q50 | = 149 CFS |
| Q100 | = 179 CFS |
| 50V | = 16.7 FPS |
| 100V | = 17.4 FPS |
| 50HW | = 603.5 |
| 100HW | = 605.5 |
| OHWMi | = 597.3 |
| OHWMO | = 522.8 |
| pH | = 7.6 |

| POINT NUMBER | MONUMENT TYPE | GRID COORDINATES | | PROJECT COORDINATES | | ELEVATION (U.S. SURVEY FEET) |
|--------------|---------------|----------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|
| | | EASTING (U.S. SURVEY FEET) | NORTHING (U.S. SURVEY FEET) | EASTING (U.S. SURVEY FEET) | NORTHING (U.S. SURVEY FEET) | |
| 1201 | Δ | 1981116.880 | 157971.101 | 1981028.724 | 157964.072 | 585.56 |
| 1202 | Δ | 1980476.143 | 158263.806 | 1980388.016 | 158256.764 | 572.16 |
| 1203 | Δ | 1986077.432 | 161632.018 | 1985989.056 | 161624.826 | 568.32 |
| 1204 | Δ | 1987279.382 | 164520.042 | 1987190.952 | 164512.721 | 575.38 |
| 1205 | Δ | 1990758.400 | 166977.293 | 1990669.816 | 166969.863 | 634.55 |
| 1206 | Δ | 1994607.847 | 164825.725 | 1994519.091 | 164818.3902 | 550.92 |
| 1207 | Δ | | | | | DISTURBED |
| 1208 | Δ | 2004743.902 | 163495.549 | 2004654.695 | 163488.2738 | 590.34 |
| 1209 | Δ | 2005934.126 | 163885.043 | 2005844.866 | 163877.7504 | 608.56 |

Δ 5/8" REBAR W/ ALUM. CAP SET IN CONCRETE

7-12-2024 - MOD 1 COMPLIANCE
7-12-2024 - MOD 1 COMPLIANCE

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J:\43885_BG_D09_0ES\7.0_Production\9B_I20720_LAW-7-2.IT\Design\Roadway\Sheets\75923_G0002.dgn Sheet 2024-07-30 1:51:39 PM tim.williams

| SHEET NUM. | | | | PART. | ITEM | ITEM | GRAND | UNIT | DESCRIPTION | SEE SHEET NO. | CALCULATED | TDW | CHECKED | JDH |
|----------------------|--|--|------------------------------|-----------|------|-------|-------|------|--|---------------|------------|-----|---------|-----|
| | | | SHEETS | 01/S>2/01 | | EXT | TOTAL | | | | | | | |
| ROADWAY CONT. | | | | | | | | | | | | | | |
| | | | P.27, P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 71-WL, 71-WDV) | P.8 | | | | |
| | | | P.27, P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 71-WL, 71-WDV) | P.8 | | | | |
| | | | P.27, P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 72-WDV) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 73-WL, 73-WDV, 73-T) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 79-WL, 79-WDV) | P.8 | | | | |
| | | | P.28, P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 81-WL) | P.8 | | | | |
| | | | P.28, P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 82-WL, 82-WDV) | P.8 | | | | |
| | | | P.28, P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 82-WL, 82-WDV) | P.8 | | | | |
| | | | P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 84-WL, 84-T) | P.8 | | | | |
| | | | P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 84-WL, 84-T) | P.8 | | | | |
| | | | P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 86-WL1, 86-WL2) | P.8 | | | | |
| | | | P.28 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 86-WL1, 86-WL2) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 87-WL) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 88-WL) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 89-WL) | P.8 | | | | |
| | | | P.28, P.29, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 90-WL) | P.8 | | | | |
| | | | P.28, P.29, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 90-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 90A-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 90A-WL) | P.8 | | | | |
| | | | P.28, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 91-WL1, 91-WL2) | P.8 | | | | |
| | | | P.28, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 91-WL1, 91-WL2) | P.8 | | | | |
| | | | P.29 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 92-WL) | P.8 | | | | |
| | | | P.29, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 93-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL 95-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL 95-WL) | P.8 | | | | |
| | | | P.29, P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL 96-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 98-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 99-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 99-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 102) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 102) | P.8 | | | | |
| | | | P.30, P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 103-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 103A-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 103A-WL) | P.8 | | | | |
| | | | P.30, P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 106-WL, 106-WL2) | P.8 | | | | |
| | | | P.30, P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 106-WL, 106-WL2) | P.8 | | | | |
| | | | P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 108-WL) | P.8 | | | | |
| | | | P.30 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 110-WL) | P.8 | | | | |
| | | | P.30, P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 111-WL) | P.8 | | | | |
| | | | P.30, P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 111-WL) | P.8 | | | | |
| | | | P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 112-WL) | P.8 | | | | |
| | | | P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 114-WL) | P.8 | | | | |
| | | | P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 118-WL) | P.8 | | | | |
| | | | P.31 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 119-WL) | P.8 | | | | |
| | | | P.31, P.32 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 120-WL) | P.8 | | | | |
| | | | P.31, P.32 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 120-WL) | P.8 | | | | |
| | | | P.31, P.32, P.33 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 121-WL, 121-WD) | P.8 | | | | |
| | | | P.31, P.32, P.33 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 121-WL, 121-WD) | P.8 | | | | |
| | | | P.33, P.35 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 124-WD) | P.8 | | | | |
| | | | P.32, P.34, P.52 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 126-WL) | P.8 | | | | |
| | | | P.32, P.34, P.52 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 126-WL) | P.8 | | | | |
| | | | P.32, P.33, P.52 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 127-WL, 127-WD) | P.8 | | | | |
| | | | P.32, P.34, P.52 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 132-WL, 132-WDV) | P.8 | | | | |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 136-WL) | P.8 | | | | |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 137-WL) | P.8 | | | | |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 137-WL) | P.8 | | | | |
| | | | 7-31-2024 - MOD 2 COMPLIANCE | | | | | | | | | | | |
| | | | 7-12-2024 - MOD 1 COMPLIANCE | | | | | | | | | | | |

GENERAL SUMMARY

LAW-7-2.17 TREE CLEARING

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| SHEET NUM. | | | | PART. | ITEM | ITEM | GRAND | UNIT | DESCRIPTION | SEE SHEET NO. |
|-------------------------------|--|--------|--|-----------|---------|----------|--------|------|---|---------------|
| | | P.8 | SHEETS | 01/S>2/01 | | EXT | TOTAL | | | |
| ROADWAY CONT. | | | | | | | | | | |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 138-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 138-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 139-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 140-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 140-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 141-WL) | P.8 |
| | | | P.34 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 141-WL) | P.8 |
| | | | P.34, P.36 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 142-WL1, 142-WL2, 142-WDV) | P.8 |
| | | | P.34, P.36 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 142-WL1, 142-WL2, 142-WDV) | P.8 |
| | | | P.34, P.35, P.36, P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 143-WL1, 143-WL2, 143-WDV) | P.8 |
| | | | P.34, P.35, P.36, P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 143-WL1, 143-WL2, 143-WDV) | P.8 |
| | | | P.34, P.35, P.36, P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 145-WL, 145-WDV1, 145-WDV2) | P.8 |
| | | | P.34, P.35, P.36 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 145-WL, 145-WDV1, 145-WDV2) | P.8 |
| | | | P.35, P.36 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 146-WL) | P.8 |
| | | | P.35, P.36 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 146-WL) | P.8 |
| | | | P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 147-WL, 147-WDV) | P.8 |
| | | | P.35, P.37 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 149-WL, 149-WDV) | P.8 |
| | | | P.35, P.37 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 149-WL) | P.8 |
| | | | P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 151-WL1, 151-WL2, 151-WDV) | P.8 |
| | | | P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 153-WL, 153-WDV) | P.8 |
| | | | P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 153-WL, 153-WDV) | P.8 |
| | | | P.37, P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 154-WL) | P.8 |
| | | | P.38 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 154A-WL) | P.8 |
| | | | P.37, P.38, P.39, P.40, P.41, P.42, P.43 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 155-WL, 155-WDV) | P.8 |
| | | | P.37, P.38, P.39, P.40, P.41, P.42, P.43 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 155-WL, 155-WDV) | P.8 |
| | | | P.37, P.38, P.39 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 157-WDV) | P.8 |
| | | | P.37, P.38, P.39 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 157-WDV) | P.8 |
| | | | P.40 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 159-WL) | P.8 |
| | | | P.41 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 164-WL) | P.8 |
| | | | P.42, P.43, P.44 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 166-WL) | P.8 |
| | | | P.42, P.43, P.44 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 166-WL) | P.8 |
| | | | P.42, P.44, P.45, P.46, P.47, P.48, P.53, P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 167-WL2, 167-WL3, 167-WL4) | P.8 |
| | | | P.42, P.44, P.45, P.46, P.47, P.48, P.53, P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 167-WL2, 167-WL3, 167-WL4) | P.8 |
| | | | P.47 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 168-WL) | P.8 |
| | | | P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 252-WL) | P.8 |
| | | | P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 252-WL) | P.8 |
| | | | P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 255-WL) | P.8 |
| | | | P.49, P.50, P.51, P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 301-WL) | P.8 |
| | | | P.49, P.50, P.51, P.54 | LS | 201 | 11001 | LS | | CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 301-WL) | P.8 |
| | | LS | | LS | SPECIAL | 69098400 | LS | | SPECIAL - DEBRIS REMOVAL AND DISPOSAL | P.8 |
| EROSION CONTROL | | | | | | | | | | |
| | | LS | | LS | 832 | 15001 | LS | | STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN | P.8 |
| | | LS | | LS | 832 | 15002 | LS | | STORM WATER POLLUTION PREVENTION INSPECTIONS | P.8 |
| | | LS | | LS | 832 | 15010 | LS | | STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE | P.8 |
| | | 87,000 | | 87,000 | 832 | 30000 | 87,000 | EACH | EROSION CONTROL | P.8 |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | |
| | | 50 | | 50 | 616 | 10000 | 50 | MGAL | WATER | P.8 |
| INCIDENTALS | | | | | | | | | | |
| | | | | LS | 614 | 11000 | LS | | MAINTAINING TRAFFIC | |
| | | | | LS | 623 | 10000 | LS | | CONSTRUCTION LAYOUT STAKES AND SURVEYING | |
| | | | | LS | 624 | 10000 | LS | | MOBILIZATION | |
| | | | | LS | 103 | 05000 | LS | | PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND | |
| | | | | | | | | | 7-31-2024 - MOD 2 COMPLIANCE | |
| | | | | | | | | | 7-12-2024 - MOD 1 COMPLIANCE | |

CALCULATED TDW CHECKED JDH
GENERAL SUMMARY
LAW-7-2-17
TREE CLEARING
 P.12
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TREE CLEARING AREA - A

| PARCEL | ACRES | NOTES |
|---|-------|-------|
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 10-WL, 10-WDV) | 3.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 11-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 12-WL, 12-WDV) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 13-WL, 13-WDV) | 0.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 16-WL1, 16-WL2) | 1.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 21-WL) | 0.04 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 22-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 23-WL, 23-WD) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 24-WL, 24-WD) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 25-WL, 25-WD) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 27-WL, 27-WD) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 31-WL, 31-WDV) | 1.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 33-WL) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 35-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 36-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 37-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 38-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 39-WL, 39-WDV) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 41-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 45-WL) | 1.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 46-WL) | 10.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 47-WL, 47-WDV) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 48-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 49-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 50-WL) | 2.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 53-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 55-WL1, 55-WL2, 55-T) | 2.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 57-WL) | 1.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 59-WL) | 1.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 60-WL) | 1.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 62-WL) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 63-WL, 63-WDV) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 64-WL, 64-T) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 64A) | 1.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 66-WL, 66-WD) | 1.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 68-WL, 68-WDV) | 0.03 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 69-WL, 69-WDV) | 1.9 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 71-WL, 71-WDV) | 1.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 73-WL, 73-WDV, 73-T) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 79-WL, 79-WDV) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 81-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 82-WL, 82-WDV) | 3.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 84-WL, 84-T) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 86-WL1, 86-WL2) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 87-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 88-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 89-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 90-WL) | 12.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 90A-WL) | 1.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 91-WL1, 91-WL2) | 3.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 92-WL) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 93-WL) | 0.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 95-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 99-WL) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 102) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 103-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 103A-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 106-WL, 106-WL2) | 2.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 108-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 111-WL) | 0.9 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 112-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 114-WL) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 118-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 119-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 120-WL) | 2.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 121-WL, 121-WD) | 3.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 126-WL) | 4.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 137-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 138-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 139-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, SUB TOTAL 1 | 81.4 | |

TREE CLEARING AREA - A

| PARCEL | ACRES | NOTES |
|---|-------|--------------------------------|
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 140-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 141-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 142-WL1, 142-WL2, 142-WDV) | 0.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 143-WL1, 143-WL2, 143-WDV) | 4.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 145-WL, 145-WDV1, 145-WDV2) | 1.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 146-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 147-WL, 147-WDV) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 149-WL, 149-WDV) | 3.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 151-WL1, 151-WL2, 151-WDV) | 8.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 153-WL, 153-WDV) | 0.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 154-WL) | 0.04 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 154A-WL) | 0.04 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 155-WL, 155-WDV) | 36.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 157-WDV) | 2.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 159-WL) | 1.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 166-WL) | 8.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 167-WL2, 167-WL3, 167-WL4) | 24.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 252-WL) | 0.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 255-WL) | 0.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, (PARCEL # 301-WL) | 25.2 | 301-WL AREA INCLUDES 252 & 255 |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, SUB TOTAL 2 | 117.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, SUB TOTAL 1 | 81.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, TOTAL | 198.7 | |

7-31-2024 - MOD 2 COMPLIANCE
7-12-2024 - MOD 1 COMPLIANCE

CALCULATED TDW CHECKED JDH

SUBSUMMARY

LAW-7-2.17

TREE CLEARING

P.12A
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J:\43885.BG_D09_GES\7.0_Production\9B_120720_LAW-7-2.17_Design_Roadway_Sheets\75923_0500.dgn Sheet 2024-07-30 2:43:00 PM tim.williams

TREE CLEARING AREA - B

| PARCEL | ACRES | NOTES |
|---|-------|-------|
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 1-WL, 1-CH) | 4.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 7) | 15.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 10-WL, 10-WDV) | 3.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 11-WL) | 0.5 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 12-WL, 12-WDV) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 13-WL, 13-WDV) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 50-WL) | 0.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 53-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 55-WL1, 55-WL2, 55-T) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 57-WL) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 59-WL) | 0.9 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 60-WL) | 0.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 62-WL) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 63-WL, 63-WDV) | 0.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 64-WL, 64-T) | 0.002 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 65-WL) | 0.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 66-WL, 66-WD) | 2.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 70-WL) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 71-WL, 71-WDV) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 72-WDV) | 0.04 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 82-WL, 82-WDV) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 84-WL, 84-T) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 86-WL1, 86-WL2) | 0.01 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 90-WL) | 0.3 | 2 |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 90A-WL) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 91-WL1, 91-WL2) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL 95-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL 96-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 98-WL) | 1.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 99-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 102) | 0.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 103A-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 106-WL, 106-WL2) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 110-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 111-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 120-WL) | 2.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 121-WL, 121-WD) | 2.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 124-WD) | 0.7 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 126-WL) | 0.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 127-WL, 127-WD) | 5.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 132-WL, 132-WDV) | 0.04 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 136-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 137-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 138-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 140-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 141-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 142-WL1, 142-WL2, 142-WDV) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 143-WL1, 143-WL2, 143-WDV) | 3.6 | 2 |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 145-WL, 145-WDV1, 145-WDV2) | 1.6 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 146-WL) | 0.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 149-WDV) | 0.02 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 153-WL, 153-WDV) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 155-WL, 155-WDV) | 6.8 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 157-WDV) | 0.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 164-WL) | 0.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 166-WL) | 2.4 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 167-WL2, 167-WL3, 167-WL4) | 19.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 168-WL) | 0.1 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 252-WL) | 0.0 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, (PARCEL # 301-WL) | 8.3 | |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - B, TOTAL | 92.4 | 2 |
| CLEARING AND GRUBBING, AS PER PLAN, TREE CLEARING AREA - A, TOTAL | 117.2 | |
| CLEARING AND GRUBBING, AS PER PLAN, TOTAL | 209.6 | |

J:\43885.BG.D09.GES\7.0.Production\9B.120720.LAW-7-2.IT.Design\Roadway\Sheets\75923.GS002.dgn Sheet 2024-07-30 2:45:14 PM tim.williams

CALCULATED
 TDW
 CHECKED
 JDH

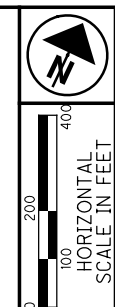
SUBSUMMARY

**LAW-7-2.17
TREE CLEARING**

7-31-2024 - MOD 2 COMPLIANCE
 7-12-2024 - MOD 1 COMPLIANCE

| PROJECT DATA | |
|---------------------------------------|--|
| CONSTRUCTION TYPE | NEW CONSTRUCTION |
| TOTAL AREA (RIGHT OF WAY) | 343 ACRE |
| PROJECT EARTH DISTURBED AREA | 17.9 ACRE |
| CONTRACTOR EARTH DISTURBED AREA | 0 ACRE |
| NOTICE OF INTENT EARTH DISTURBED AREA | 17.9 ACRE |
| IMMEDIATE RECEIVING WATERS | SYMMES CREEK INDIAN GUYAN CREEK LITTLE PADDY CREEK |
| SUBSEQUENT RECEIVING WATERS | OHIO RIVER |

SECTIONS 14, 15, 22 & 23
T-1-N, R-16-W, CONGRESS LANDS
UNION TOWNSHIP
LAWRENCE COUNTY, OHIO



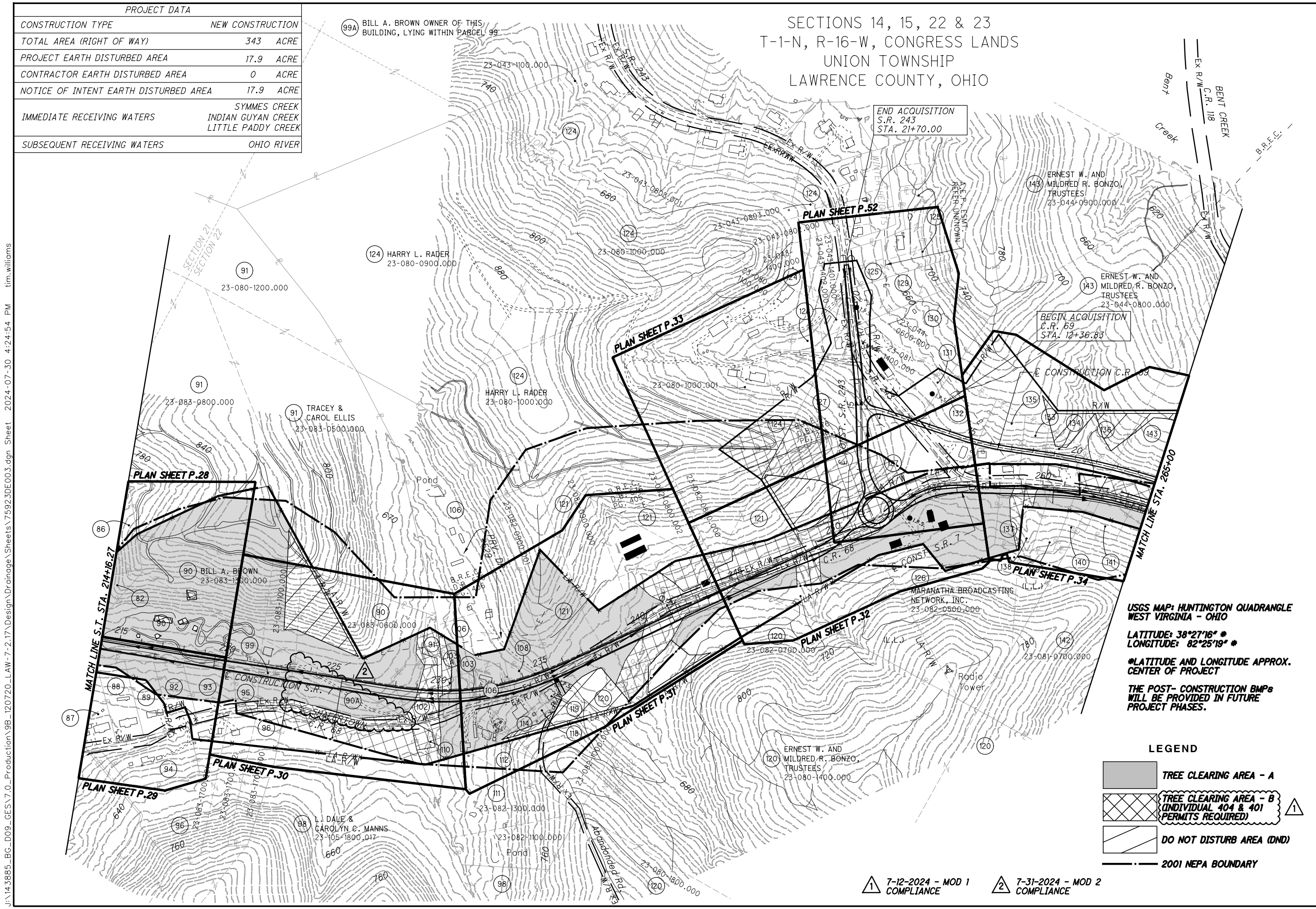
PID NO. **120720**
R/W DESIGNER TDW
R/W REVIEWER JQH

PROJECT SITE PLAN
STA. 214+16.27 TO STA. 265+00

LAW-7-2.17
TREE CLEARING

3 / 6
P.15
54

J:\143885_BG_D09_GES\7.0_Production\9B_120720_LAW-7-2.17_Design\Drainage\Sheets\75923DE003.dgn Sheet 2024-07-30 4:24:54 PM tim.williams



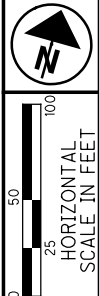
USGS MAP: HUNTINGTON QUADRANGLE
WEST VIRGINIA - OHIO
LATITUDE: 38°27'16" *
LONGITUDE: 82°25'19" *
*LATITUDE AND LONGITUDE APPROX.
CENTER OF PROJECT
THE POST- CONSTRUCTION BMPs
WILL BE PROVIDED IN FUTURE
PROJECT PHASES.

- LEGEND**
- TREE CLEARING AREA - A
 - TREE CLEARING AREA - B (INDIVIDUAL 404 & 401 PERMITS REQUIRED)
 - DO NOT DISTURB AREA (DND)
 - 2001 NEPA BOUNDARY

1 7-12-2024 - MOD 1 COMPLIANCE
2 7-31-2024 - MOD 2 COMPLIANCE

LAWRENCE COUNTY
UNION TOWNSHIP
SECT. 22, T-1-N, R-16-W

- 91 TRACEY & CAROL ELLIS
- 92 STATE OF OHIO
- 93 JAMES H. & ROSA SMITH
- 103A STATE OF OHIO
- 95 SHAWN L. STOWERS
- 103 GEORGE W. & MARILYN BLACK
- 96 MATTHEW SCOTT LUSHER AND MARGARET MARTIN
- 106 WILLIAM RICHARD HYSSELL
- 99 ANNICE BERRY



PID NO. **120720**

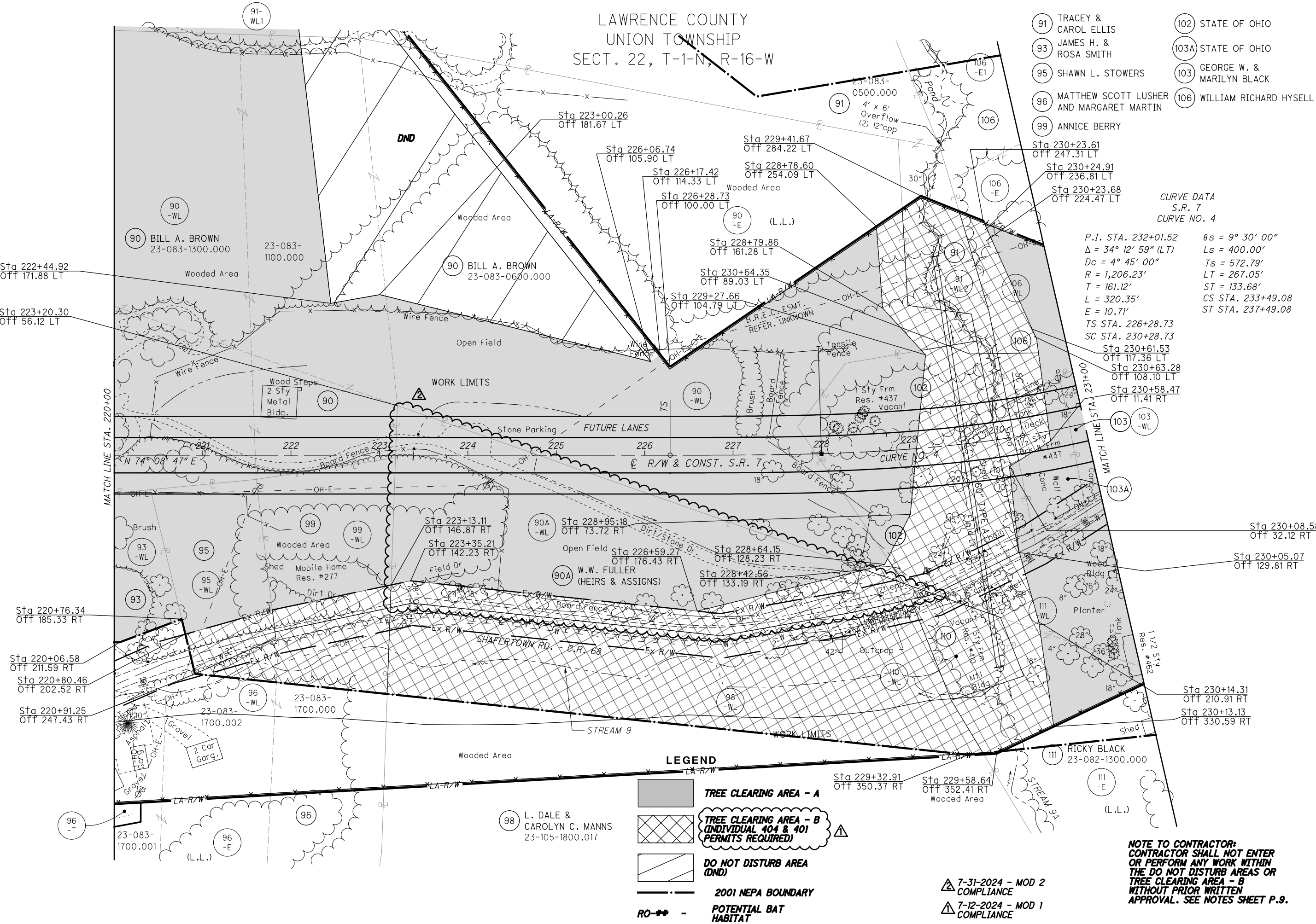
R/W DESIGNER TDW
R/W REVIEWER JDH

TREE CLEARING PLAN - S.R. 7
STA. 220+00 TO STA. 231+00

LAW-7-2.17
TREE CLEARING

12 / 36

P.30
54



CURVE DATA
S.R. 7
CURVE NO. 4

P.I. STA. 232+01.52 $\theta_s = 9^\circ 30' 00''$
 $\Delta = 34^\circ 12' 59''$ (LT) $L_s = 400.00'$
 $D_c = 4^\circ 45' 00''$ $T_s = 572.79'$
 $R = 1,206.23'$ $LT = 267.05'$
 $T = 161.12'$ $ST = 133.68'$
 $L = 320.35'$ $CS STA. 233+49.08$
 $E = 10.71'$ $ST STA. 237+49.08$

TS STA. 226+28.73
 SC STA. 230+28.73

Sta 230+61.53 Off 117.36 LT
 Sta 230+63.28 Off 108.10 LT
 Sta 230+58.47 Off 11.41 RT

LEGEND

- TREE CLEARING AREA - A
- TREE CLEARING AREA - B (INDIVIDUAL 404 & 401 PERMITS REQUIRED)
- DO NOT DISTURB AREA (DND)
- 2001 NEPA BOUNDARY
- POTENTIAL BAT HABITAT

NOTE TO CONTRACTOR:
CONTRACTOR SHALL NOT ENTER OR PERFORM ANY WORK WITHIN THE DO NOT DISTURB AREAS OR TREE CLEARING AREA - B WITHOUT PRIOR WRITTEN APPROVAL. SEE NOTES SHEET P.9.

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