

SPECIAL PROVISIONS

WATERWAY PERMITS CONDITIONS

**C-R-S: W00-Roche de
Boeuf Bridge**

PID: 107405

Date: 03/17/2026

1. Waterway Permits Time Restrictions:

A Regional General Permit (RGP) Section B (Maintenance) is authorized for WOO-Roche de Boeuf Bridge PID 107405. A copy of the NWP and authorization letter (USACE ID 2022-00103-MAU) shall be kept at the work site at all times and made available to all contractors and subcontractors. The permit is effective starting: **March 17, 2026**. The permit expires: **February 11, 2030**.

For authorized work in aquatic resources (including streams, wetlands, jurisdictional ditches, captured streams, lakes, ponds), the Department will consider the Contractor's submission of a reauthorization to the waterway permit expiration date based on project constraints. If more than one permit is authorized for the project, then all permits become invalid once the first permit expires. In order for the request to be considered, the Contractor must submit a justification to the Engineer at least 90 days prior to the waterway permit expiration date. The Engineer will submit the request for a time extension to the Ohio Department of Transportation, Office of Environmental Services, Waterway Permits Unit (ODOT-OES-WPU) for consideration and coordination with the U.S. Army Corps of Engineers (USACE), Ohio Environmental Protection Agency (OEPA), U.S. Coast Guard (USCG), U.S. Fish and Wildlife Service (USFWS), and Ohio Department of Natural Resources (ODNR) as appropriate.

2. Deviations From Permitted Construction Activities:

No deviation from the requirements for work in aquatic resources depicted in the plans, Special Provisions, and/or Working Drawings may be made unless a modification has been submitted to ODOT-OES-WPU and approved by the appropriate agencies (i.e., USACE, OEPA, USCG, ODNR, and USFWS).

NOTE: Plan sheets submitted with the Pre-Construction Notification were approved by the USACE in accordance with Regional General Permit B and are included in these Special Provisions.

For emergency situations resulting in unanticipated impacts to aquatic resources, provide notification (verbal or written) to the Engineer as soon as possible following discovery of the situation. Written notification to the Engineer and notification to the ODOT-OES-WPU (614-466-2159) must be made within 24 hours.

For non-emergency situations, notify the Engineer in writing for submission to the ODOT-OES-WPU (614-466-2159) for consideration and coordination with the appropriate agencies. Notification must be made at least 90 days prior to planned, non-permitted activities. Consideration of the requested deviation is at the discretion of the Director and must be coordinated with the appropriate regulatory agencies.

3. In-Stream Work Restrictions:

Work in the following aquatic resources is further restricted as follows:

Stream Name /Description	Location	Work restriction dates (No in-stream work permitted)
Maumee River	STA2989+75 to STA 2999+60	March 1, 2026 to May 31, 2026 and April 1, 2027 to July 31, 2027

In-stream work has been defined as the placement and/or removal of fill materials (temporary or permanent) below ordinary high water of a stream. Examples of “fill” include, but are not limited to: bridge piers, abutments, culverts, rock channel protection, scour protection, and temporary access fills.

Fills placed within a stream identified in the above table (outside of the work restriction dates) can continue to be worked from during the work restriction dates, but cannot be expanded, removed, or otherwise modified (below ordinary high water) until once again outside of the work restriction dates.

4. Materials:

Materials utilized in or adjacent to aquatic resources for temporary or permanent fill or bank protection shall consist of suitable material free from toxic contaminants in other than trace quantities. Asphalt products are specifically excluded for use as fill. Chromated Copper Arsenate (CCA), creosote, and other pressure treated lumber shall not be used in structures that are placed in aquatic resources.

5. Aquatic Resource Demarcation:

The attached Tables 3 and 4 includes detailed fill quantities authorized within the aquatic resources. Aquatic resources not authorized for impact by these Special Provisions shall be demarcated in the field as per SS 832 prior to site disturbance. The fence shall remain in place and be maintained throughout the construction process. Following the completion of the project, the fence and posts shall be removed.

6. Spill containment:

Provide and Maintain an Oil Spill Kit with a minimum capacity of 65 gallons. The Spill Kit shall contain:

- 6 - 3 in. X 8 ft. Oil only socks
- 4 - 18 in. X18 in. Oil only pillows
- 2 - 5 in. X 10ft. Booms
- 50 - 16in. X 20 in. Oil only pads
- 10- Disposable Bags

- 1 - 65 Gallon drum with lid
- 25 pounds of Granular Oil Absorbent

The Oil Spill Kit shall be located within 150 feet of any equipment working in a stream or wetland. The oil Spill Kit shall be maintained for the life of the contract. Any materials utilized during the project will be replaced within 48 hours. All costs associated with furnishing and maintaining the above referenced spill containment kit is incidental to work.

7. Project Inspection:

Inspection of Work may include inspection by representatives of other government agencies or railroad corporations that pay a portion of the cost of the Work or regulate the Work through State and Federal law. Comments from the representatives of these agencies shall be directed to the Engineer. Please forward a copy to ODOT-OES-WPU (614-466-2159).

8. Temporary Access Fills:

Special Provisions Notes:

Definitions:

Hydraulic Opening

The cross-sectional area allowing an unimpeded discharge equal to twice the highest monthly flow without producing a rise in the backwater above the Ordinary High Water Mark (OHWM).

Standard Temporary Discharge

Discharge equal to twice the *highest monthly flow* without producing a rise in the backwater above the OHWM. The U.S. Geologic Service publication "Techniques for estimating Selected Streamflow Characteristics of Rural Unregulated Streams in Ohio" provides equations that estimate monthly flow for Ohio Waterways These flows are also available in a web application by USGS StreamStats, (<https://water.usgs.gov/osw/streamstats/ohio.html>). The highest monthly flow is the highest monthly mean discharge occurring in a 12-month period from January to December.

Average Monthly Flow

The average monthly flow represents the estimated "normal" flow.

Temporary Access Fills (TAFs)

Include, but are not limited to, dewatering fills, causeways, cofferdams, access pads, temporary bridges, etc. below the OHWM.

Requirements

21 calendar days prior to the initiation of any in-stream work, provide the Engineer with Working Drawings that include:

- Plan view drawing (50 scale or less) showing the location of all TAFs proposed for use on the project
- Scaled cross section and profile drawing showing the OHWM and the proposed hydraulic opening.

- Identify the minimum diameter size, placement location and thickness of non-erodible Dumped Rock Fill material on the plan and profile.
- Calculations analyzing the hydraulic impacts of the TAF on the waterway. Include in the calculations an analysis of the hydraulic opening sized adequately to pass the Standard Temporary Discharge without producing a rise in backwater above the OHWM. Include, in the analysis, calculated channel velocities adjacent to the TAF, culvert exit velocities, calculated headwater and tailwater elevations, and any additional appropriate calculations to assess potential impacts to the waterway during normal and anticipated high flow (twice the highest monthly flow) events.
- A description of all temporary material to be placed below the OHWM elevation.
- A description of the installation and staging of all temporary fill over the life of the contract.
- Identify the protection methods and/or structural Best Management Practices for minimizing impacts to the waterway.
- Volume of temporary fill below the OHWM elevation.
- A description of the diversion ditches, equipment, conduits or means for maintaining normal flows in the waterway.
- A description of the removal of all temporary fill and restoration of the channel and all areas impacted by the TAFs.
- A schedule outlining the timing of the placement and removal of all temporary fill.
- Have competent individuals prepare and check the Working Drawings and hydraulic calculations. Provide a cover sheet containing the preparer(s) and checker(s): First Name, Last Name and Initials. The preparer(s) and checker(s) shall not be the same individual. Have an Ohio Registered Engineer review, approve, sign, seal and date the Working Drawings and hydraulic calculations according to ORC 4733 and OAC 4733-35. Include the following statement on the Working Drawings:
“These Working Drawings were prepared in compliance with the terms of these Special Provisions and all contract documents.”

Do not begin in-stream work until the Engineer has accepted the Working Drawings and hydraulic calculations.

The design and construction of the Contractor's TAF must minimize impacts to water bodies, stream banks, stream beds, and riparian zones to the maximum extent practicable.

Fording of waterways and other aquatic resources is prohibited.

Construct TAFs in such a manner that will maintain flows, minimize upstream flooding, and avoid overtopping the TAF on a regular basis. ***TAFs shall be designed and constructed so that the hydraulic opening provides capacity for a discharge equal to twice the highest monthly flow without producing a rise in the backwater above the (OHWM).***

If the Contractor proposes a TAF which does not meet all the requirements of these Special Provisions, the Contractor must submit a request in writing for a modified TAF to the Engineer. The request must include all Working Drawings and hydraulic calculations required by these Special Provisions. The Department makes no guarantee to grant the request. The Contractor's proposed TAF request will be coordinated by OES with the USACE and the OEPA, as appropriate. The time frame allowed for the coordination of the contractor's proposed TAF will be a minimum of 60 days.

Installation of any temporary fill without appropriate authorization is strictly prohibited. All direct coordination with the USACE and/or OEPA will be performed through OES.

TAFs Construction and Payment

A full width causeway is not permitted for the Maumee River. The causeway will be required to be phased. An unobstructed minimum opening of 430 feet, as measured at the OHWM, shall be maintained at all times. Conduits are not required through the TAF for Maumee River aquatic organism passage.

Begin planning and installing causeways and access fills as early in construction as possible to avoid conflicts with these Special Provisions or other environmental commitments that have been included in the construction plans.

TAFs in Streams and Rivers may include, but are not limited to, causeways, cofferdams, access pads, sheet piling, temporary bridges, etc. The Contractor must make every attempt to minimize disturbance to waterbodies, stream banks, stream beds and riparian zones during the construction, maintenance, and removal of the TAF. Construct the TAFs as narrow as practical. Install in-stream conduits parallel to the stream banks. Make the TAFs in shallow areas rather than deep pools where possible. Minimize clearing, grubbing, and excavation of stream banks, and approach sections. Construct the TAFs as to not cause erosion or allow sediment deposits in the waterway.

Prior to the initiation of any in-stream work, establish a monument upstream of the proposed TAF to visually monitor the water elevation in the waterway where the fill is permitted. Maintain the monument throughout the project. Provide a visual mark on the monument that identifies the elevation 1 foot above the OHWM. Ensure that the monument can be read from the bank of the waterway. Have this elevation set and certified by an Ohio Registered Surveyor. All costs associated with furnishing and maintaining the above referenced monument is incidental to the work.

Should the surface water elevation exceed the elevation 1 foot above OHWM, the Department will compensate the Contractor for repair of any resulting damage to the TAF up to the elevation of 1 foot above the OHWM, except as noted. The Department will recognize this event as an excusable, non-compensable delay in accordance with Section 108.06 B. of the Construction & Materials Specifications.

Follow the requirements in Item 502 for Structures for Maintaining Traffic and in Item 503 for Cofferdams and Excavation Bracing and any modifications to these items as shown in the plans. The Department will not pay for repair and maintenance of TAFs associated with Items 502 and 503 as a result of surface water elevation exceeding 1 foot above the OHWM. Compensation for damages associated with waterway flows will be provided as described in Items 502 and 503.

Construct the TAFs, not including Items 502 and 503, to a water elevation at least 1 foot (0.3 m) above the OHWM. Ensure that any ponding of water behind the TAF will not damage property, flood roadways, or threaten human health and safety.

All TAFs must be constructed of suitable materials. Causeways and access fills must be constructed with clean, non-erodible, non-toxic Dumped Rock Fill, Type A or B meeting the requirements of C&MS 703.19.B with the following restriction:

Broken concrete or asphalt are specifically prohibited for use as fill below the OHWM or on any portion of the scenic river stream banks.

For causeways, contractors may use clean aggregate meeting C&MS 703.01 Size Number 1 and 2 for creating a working surface above the OHWM. Extend the non-erodible encapsulating material to at least the elevation of the top of the working surface. Extend clean aggregate up the slope from the original stream bank for 50 feet (10 m) to remove erodible material and prevent tracking from equipment onto the TAF.

When the work requiring TAF is complete, all portions of the TAF (including all rock and culverts) will be removed in its entirety. Do not dispose of TAF material in other aquatic resources or where erosion into another aquatic resource is possible. The stream bottom affected by the TAFs will be restored to its pre-construction elevations. The TAFs will not be paid as a separate item but will be included by the Contractor as part of the total project cost.

Unless specific TAF compensation is included in the plans, all environmental protection and control associated with the authorized activities, are incidental to the work within the boundaries of the aquatic resources.

9. Excavation Activities:

Excavated material will be placed at an upland site and disposed of in such a manner that sediment and runoff to streams and other aquatic resources is controlled and minimized. Additionally, no more than incidental fallback into jurisdictional waters of the U.S. is permitted during the excavation process. If any changes to the proposed work are deemed necessary, Notify the Engineer who will immediately contact the ODOT-District Environmental Coordinator and ODOT-OES-WPU (614-466-2159).

10. Demolition Debris:

The intentional discharge of demolition debris from any structure (including but not limited to bridges, culverts, abutments, wing walls, piers) is not authorized for this project. If any demolition debris inadvertently falls into aquatic resources, it must be removed immediately. The Engineer will immediately in writing of any inadvertent fill discharged into aquatic resources. Also contact ODOT-OES-WPU at 614-466-2159 if any unintentional discharge occurs.

In the event of a catastrophic failure- Utilize TAF or other catchment methods accepted by the Engineer and authorized by these Special Provisions to prevent erodible demolition debris from entering aquatic resources. Notify the Engineer in writing and contact ODOT-OES-WPU at 614-466-2159. Debris material should be removed as soon as possible.

11. Construction Completion Certification:

Upon completion of the work, notify the Engineer. The USACE Construction Completion Certification must be completed and signed by the Engineer then provided via US mail or email to:

Waterway Permits Program Manager
ODOT - Office of Environmental Services
1980 West Broad Street, Mail Stop 4170
Columbus, Ohio 43223
Adrienne.Earley@dot.ohio.gov

A copy of the certification has been attached to these Special Provisions.

Version: January 2026

Individual Permit
WOO- Roche de Boeuf (PID 107405)
4/4/2022

TABLE 3. STREAM DISCHARGE AND FILL QUANTITIES

Stream	Station	Description of Impacts	Length (LF)	Total Permanent Fill			Total Temporary Fill			Total Impact Length
				Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)
Maumee River	2989+75 and 2999+60	Temporary Access Fill for Causeway and Work Pad Areas	575	-	-	-	449	2.51	34,000	449
SUM:				-	-	-	449	2.51	34,000	449

LF = linear feet; AC = acres; CY = cubic yards; RCP = rock channel protection or the like (specify if different, i.e.. concrete block matting); NA = Not Applicable

Individual Permit
WOO- Roche de Boeuf (PID 107405)
4/4/2023

TABLE 4. WETLAND DISCHARGE AND FILL QUANTITIES

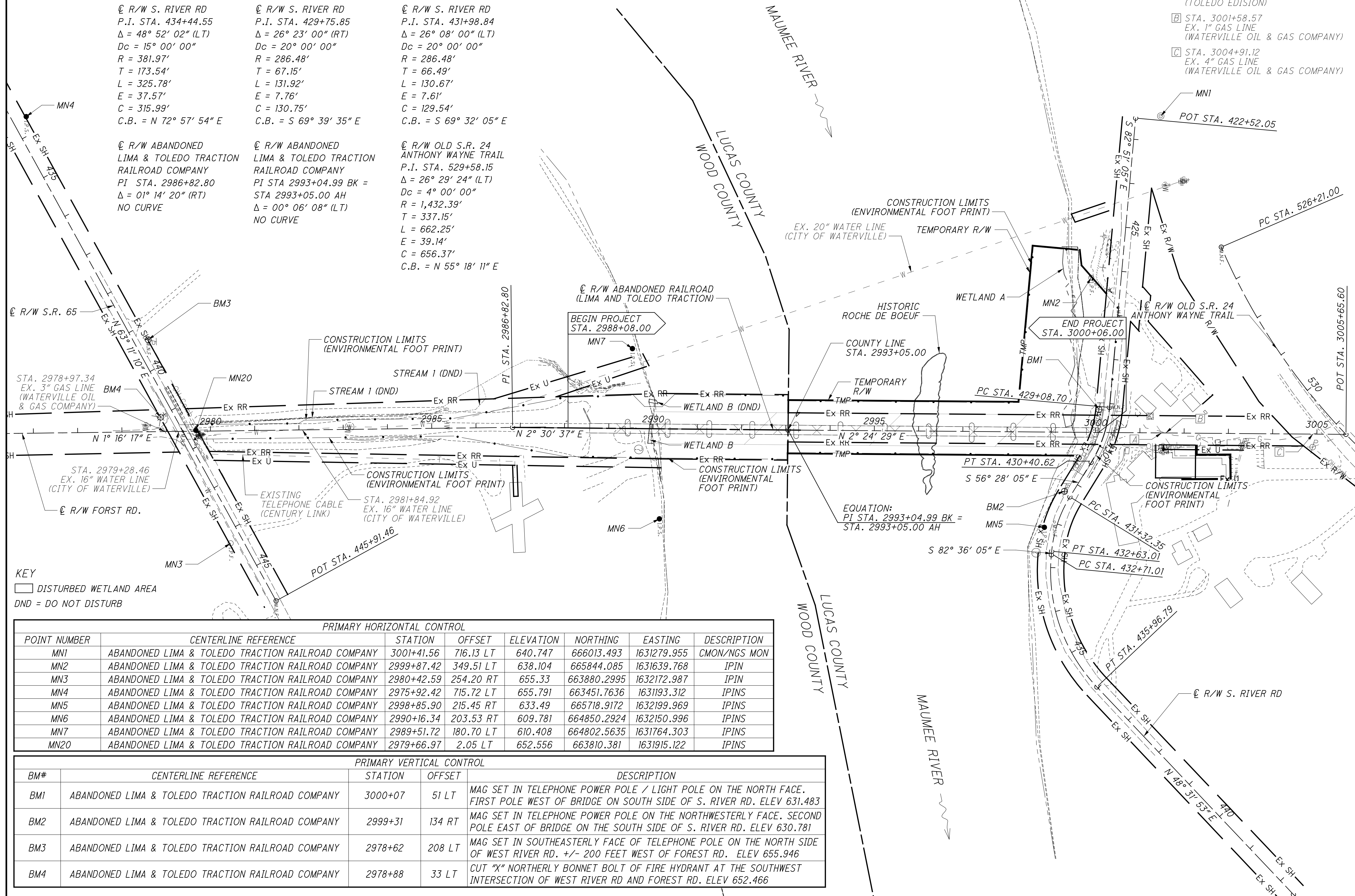
Wetland	Station	Description of Impacts	Acreage (AC)	Depth (LF)	Permanent Fill Within Wetland Boundary		Total Permanent Fill		Total Impact Acreage
					Proposed Earthen, Granular, or Embankment Fill		Area (AC)	Volume (CY)	Area (AC)
					Area (AC)	Volume (CY)			
Wetland A	2999+50	Temporary Access Fill- Work Pad	0.6	1	0.210	323	0.200	330	0.210
Wetland B	2990+00	Temporary Access Fill- Causeway	2.4	1	0.020	28	0.020	30	0.020
SUM:					0.230	351	0.230	351	0.230

LF = linear feet; AC = acres; CY = cubic yards; RCP = rock channel protection or the like (specify if different, i.e.. concrete block matting); NA = Not Applicable

CURVE DATA

@ R/W S. RIVER RD P.I. STA. 434+44.55 $\Delta = 48^\circ 52' 02''$ (LT) $Dc = 15^\circ 00' 00''$ $R = 381.97'$ $T = 173.54'$ $L = 325.78'$ $E = 37.57'$ $C = 315.99'$ C.B. = N 72° 57' 54" E	@ R/W S. RIVER RD P.I. STA. 429+75.85 $\Delta = 26^\circ 23' 00''$ (RT) $Dc = 20^\circ 00' 00''$ $R = 286.48'$ $T = 67.15'$ $L = 131.92'$ $E = 7.76'$ $C = 130.75'$ C.B. = S 69° 39' 35" E	@ R/W S. RIVER RD P.I. STA. 431+98.84 $\Delta = 26^\circ 08' 00''$ (LT) $Dc = 20^\circ 00' 00''$ $R = 286.48'$ $T = 66.49'$ $L = 130.67'$ $E = 7.61'$ $C = 129.54'$ C.B. = S 69° 32' 05" E
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@ R/W ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY PI STA. 2986+82.80 $\Delta = 01^\circ 14' 20''$ (RT) NO CURVE	@ R/W ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY PI STA 2993+04.99 BK = STA 2993+05.00 AH $\Delta = 00^\circ 06' 08''$ (LT) NO CURVE	@ R/W OLD S.R. 24 ANTHONY WAYNE TRAIL P.I. STA. 529+58.15 $\Delta = 26^\circ 29' 24''$ (LT) $Dc = 4^\circ 00' 00''$ $R = 1,432.39'$ $T = 337.15'$ $L = 662.25'$ $E = 39.14'$ $C = 656.37'$ C.B. = N 55° 18' 11" E
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- A STA. 3001+49.26
EX. OVERHEAD ELECTRIC LINE
(TOLEDO EDISON)
- B STA. 3001+58.57
EX. 1" GAS LINE
(WATERVILLE OIL & GAS COMPANY)
- C STA. 3004+91.12
EX. 4" GAS LINE
(WATERVILLE OIL & GAS COMPANY)

0 100 200
 HORIZONTAL
 SCALE IN FEET
 CALCULATED ADC
 CHECKED SRC

SCHEMATIC PLAN

**WOO - LUC
ROCHE DE BOEUF**

KEY
 DISTURBED WETLAND AREA
 DND = DO NOT DISTURB

PRIMARY HORIZONTAL CONTROL							
POINT NUMBER	CENTERLINE REFERENCE	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
MN1	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	3001+41.56	716.13 LT	640.747	666013.493	1631279.955	CMON/NGS MON
MN2	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2999+87.42	349.51 LT	638.104	665844.085	1631639.768	IPIN
MN3	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2980+42.59	254.20 RT	655.33	663880.2995	1632172.987	IPIN
MN4	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2975+92.42	715.72 LT	655.791	663451.7636	1631193.312	IPINS
MN5	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2998+85.90	215.45 RT	633.49	665718.9172	1632199.969	IPINS
MN6	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2990+16.34	203.53 RT	609.781	664850.2924	1632150.996	IPINS
MN7	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2989+51.72	180.70 LT	610.408	664802.5635	1631764.303	IPINS
MN20	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2979+66.97	2.05 LT	652.556	663810.381	1631915.122	IPINS

PRIMARY VERTICAL CONTROL				
BM#	CENTERLINE REFERENCE	STATION	OFFSET	DESCRIPTION
BM1	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	3000+07	51 LT	MAG SET IN TELEPHONE POWER POLE / LIGHT POLE ON THE NORTH FACE. FIRST POLE WEST OF BRIDGE ON SOUTH SIDE OF S. RIVER RD. ELEV 631.483
BM2	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2999+31	134 RT	MAG SET IN TELEPHONE POWER POLE ON THE NORTHWESTERLY FACE. SECOND POLE EAST OF BRIDGE ON THE SOUTH SIDE OF S. RIVER RD. ELEV 630.781
BM3	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2978+62	208 LT	MAG SET IN SOUTHEASTERLY FACE OF TELEPHONE POLE ON THE NORTH SIDE OF WEST RIVER RD. +/- 200 FEET WEST OF FOREST RD. ELEV 655.946
BM4	ABANDONED LIMA & TOLEDO TRACTION RAILROAD COMPANY	2978+88	33 LT	CUT "X" NORTHERLY BONNET BOLT OF FIRE HYDRANT AT THE SOUTHWEST INTERSECTION OF WEST RIVER RD AND FOREST RD. ELEV 652.466

UTILITIES

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

CABLE TELEVISION:
BRIGHTSPEED
122 S. ELIZABETH ST.
LIMA, OH 45801
david.l.spurgeon@brightspeed.com
980-376-1518

CABLE TELEVISION:
BUCKEYE BROADBAND
2700 OREGON RD.
NORTHWOOD, OH 43619
419-724-3713
MICHAEL SHEAHAN

CABLE TELEVISION:
CHARTER TELECOMMUNICATIONS
3760 INTERCHANGE DR
COLUMBUS, OH 43204
(614) 255-6340

ELECTRIC:
TOLEDO EDISON
6099 ANGOLA ROAD
HOLLAND, OH 43528
(419) 249-5218

GAS:
WATERVILLE OIL AND GAS COMPANY
700 FARNSWORTH RD.
WATERVILLE, OH 43566
(419) 878-4972

WATER & SEWER
CITY OF WATERVILLE
25 N SECOND ST.
WATERVILLE, OH 43566
(419) 878-8101

WATER & SEWER:
NORTHWESTERN WATER & SEWER DISTRICT
P.O. BOX 348
BOWLING GREEN, OH 43402
(419) 354-9090

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.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 OF THE 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: VRS ODOT CORS NETWORK,
DIFFERENTIAL LEVELING
MONUMENT TYPE: MONUMENT BOXES W/ IRON PINS FOUND
IRON PINS/MAG NAILS SET

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (NORTH ZONE 3401)
COMBINED SCALE FACTOR: 1.000000000
ORIGIN OF COORDINATE
SYSTEM: OHIO STATE PLANE, NORTH ZONE
NORTHING = 0.000
EASTING = 0.000

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 UNITS ARE IN U.S. SURVEY FEET.

EXISTING STRUCTURE VERIFICATION:

REFER TO ITEM 202 STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN NOTE FOR STRUCTURE REMOVAL LIMITS.

ALL RIVER BANK VEGETATION SHALL BE LEFT UNDISTURBED TO THE MAXIMUM EXTENT POSSIBLE.

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

- 659, SOIL ANALYSIS TEST
2 EACH
- 659, TOPSOIL
125 CU. YD.
181 CU. YD. *
TOTAL = 306 CU. YD.
- 659, SEEDING AND MULCHING
1127 SQ. YD.
- 659, REPAIR SEEDING AND MULCHING
56 SQ. YD.
2173 SQ. YD. *
TOTAL = 2229 SQ. YD.

659, COMMERCIAL FERTILIZER

0.15 TON

659, LIME

0.23 ACRES

659, WATER

7 M. GAL.

* THESE QUANTITIES COVER THE ESTIMATED DAMAGED LANDSCAPE DUE TO CONSTRUCTION ACTIVITY

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 CALCULATIONS

EARTHWORK

THE FOLLOWING QUATITIES FOR EARTHWORK HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

- 203, EXCAVATION
418 CU. YD.
- 203, EMBANKMENT
1200 CU. YD.

CLEARING AND GRUBBING

THE DEPARTMENT WILL BE FELLING ALL TREES OVER 3" DBH PRIOR TO APRIL 1 TO COMPLY WITH THE BAT TREE REQUIREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL STUMPS, FELLED TREES, REMAINING STANDING TREES AND ANY OTHER VEGETATION WITHIN THE CONSTRUCTION LIMITS. IN ADDITION, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE AND BRUSH DEBRIS WITHIN THE PROJECT LIMITS WITHIN THE MAUMEE RIVER AND ON ITS BANKS.

ALL STREAMBANK VEGETATION SHOULD BE LEFT UNDISTURBED TO THE MAXIMUM EXTENT POSSIBLE. AREAS WHERE VEGETATION IS REMOVED SHOULD BE REVEGETATED WITH NATIVE TREE SPECIES, AS PER THE LANDSCAPING PLAN PROVIDED ON PLAN SHEET 16.

ANY DISTURBED STREAMBANKS SHOULD BE RETURNED TO PREVIOUSLY EXISTING CONTOURS AND ELEVATIONS. CUTTING OR CLEARING OF ANY RIPARIAN VEGETATION WITHIN 1000 FEET OF STATE SCENIC RIVERS BEYOND THE EXISTING RIGHT-OF-WAY SHOULD BE PROHIBITED, HOWEVER VERTICAL TRIMMING IS PERMITTED WHERE NECESSARY. CARE SHOULD BE TAKEN TO NOT GIRDLE OR SCUFF TREE TRUNKS OR DAMAGE ANY STANDING TREES.

ITEM 202 PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

AFTER ALL ACTIVE UTILITIES HAVE BEEN RELOCATED THE EXISTING STRUCTURE SHALL BE REMOVED TO THE LIMITS SHOWN IN THE PLANS. SEE SCHEMATIC DETAIL ON PLAN SHEET 14 FOR PORTIONS OF THE FORWARD ABUTMENT THAT SHALL REMAIN.

ALL EXISTING FALLEN DEBRIS IN THE RIVER AND SURROUNDING AREA FROM THE EXISTING STRUCTURE SHALL BE REMOVED.

A BATHYMETRIC SURVEY WAS PERFORMED IN AUGUST OF 2023 AND PROVIDES RIVERBED ELEVATIONS 200 FT UPSTREAM OF THE WESTERLY FACE OF STRUCTURE AND 200 FT DOWNSTREAM OF THE EASTERLY FACE OF STRUCTURE. ELEVATIONS WERE SHOT ON A 25 FT TO 50 FT GRID. THIS SURVEY IS AVAILABLE FOR CONTRACTOR REVIEW ON PAGE 25 OF THE PLANS. A POST CONSTRUCTION BATHYMETRIC SURVEY WILL BE PERFORMED BY ODOT TO VERIFY THE REMOVAL CAUSEWAY MATERIAL AND BRIDGE DEBRIS.

CONTRACTOR SHALL PERFORM CLEARING AND GRUBBING AS NECESSARY.

ACCESS FOR REMOVAL CAN BE ACHIEVED BY BUILDING A CAUSEWAY AS SHOWN IN THE PLAN VIEW. CAUSEWAY SHALL BE INCIDENTAL TO ITEM 202.

THE CONTRACTOR SHALL SUBMIT A DEMOLITION PLAN AS PER C&MS 501.05 FOR DEPARTMENT ACCEPTANCE PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES.

CALCULATED
ADC
CHECKED
SRC

GENERAL NOTES

WOO - LUC
ROCHE DE BOEUF

ENVIRONMENTAL COMMITMENT NOTES

CULTURAL RESOURCES

A KNOWN ENVIRONMENTALLY SENSITIVE AREA IS LOCATED IN CLOSE PROXIMITY TO THE PROJECT WORK LIMITS SOUTHWEST OF THE ROCHE DE BOEUF INTERURBAN BRIDGE. THIS AREA IS SHOWN ON SHEETS 10, 11, AND 12 OF THE PLANS AND IS MARKED "ENVIRONMENTALLY SENSITIVE". PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION PROTECTIVE FENCING TO PROVIDE A VISUAL BARRIER ALONG THE EASTERN BOUNDARY OF THE AREA MARKED "ENVIRONMENTALLY SENSITIVE". AT A MINIMUM, THE FENCING SHALL BEGIN AT THE NORTHEASTERN-MOST POINT OF THE PARCEL AT THE RIVER AND RUN SOUTH TO STATE ROUTE 65 (WEST RIVER ROAD) AS SHOWN ON PLAN SHEETS 10, 11, AND 12. THE CONTRACTOR MUST AVOID THIS AREA AND EXERCISE CAUTION TO ASSURE NO IMPACTS OCCUR BY ALL CONSTRUCTION OR DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL AVOID ROCHE DE BOEUF ISLAND WHEN CREATING HAUL ROADS OR PATHS FOR REMOVAL OF EQUIPMENT. NO CONSTRUCTION ACTIVITIES OR ANCILLARY CONSTRUCTION (EQUIPMENT OR MATERIAL STORAGE, STAGING AREAS, WASTE AREAS, AND/OR BORROW AREAS) OR FILL MATERIALS ARE PERMITTED WITHIN THIS AREA. THE CONTRACTOR SHALL NOT USE ROCHE DE BOEUF ISLAND FOR STORING OR STAGING EQUIPMENT OR OTHER ANCILLARY ACTIVITIES.

PAYMENT SHALL BE INCLUDED WITH ITEM 607, FENCE MISC.: TEMPORARY CONSTRUCTION FENCE.

ECOLOGICAL RESOURCES

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.

ALL COMPONENTS OF THE EXISTING STRUCTURE (PIERS, ABUTMENTS, ETC.) SHOULD BE COMPLETELY REMOVED EXCEPT FOR THE ABUTMENT ON THE NORTH SIDE OF S. RIVER ROAD, SEE SHEET 14. PIERS, AT A MINIMUM, SHOULD BE REMOVED DOWN TO THE SAME ELEVATION OF THE SURROUNDING RIVERBED. IF POSSIBLE, DECK MATERIAL SHOULD BE REMOVED BEFORE ANY PORTION OF THE BRIDGE IS REMOVED. EVERY EFFORT SHOULD BE MADE TO KEEP DECK MATERIAL AND OTHER DEBRIS OUT OF THE RIVER DURING REMOVAL. IF ANY MATERIAL FALLS INTO THE WATER, IT SHOULD BE REMOVED IMMEDIATELY.

THE NORTHWEST REGIONAL SCENIC RIVERS MANAGER, ROWAN COBURN-GRIFFIS, SHALL BE INVITED TO A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR PRESENT AND BE NOTIFIED OF THE PROJECT START DATE ONE WEEK PRIOR TO THE COMMENCEMENT OF WORK. PERIODIC INSPECTIONS OF THE PROJECT SHALL TAKE PLACE TO ENSURE SCENIC RIVER REQUIREMENTS ARE BEING MET. MS. COBURN-GRIFFIS SHALL ALSO BE CONTACTED ONE WEEK PRIOR TO COMPLETION OF THE PROJECT TO CONDUCT A FINAL SITE INSPECTION. THE FINAL SITE INSPECTION SHALL BE SCHEDULED WHILE THE CONTRACTOR IS PRESENT TO ENSURE THAT FINAL SITE STABILIZATION HAS BEEN ACHIEVED.

ECOLOGICAL RESOURCES (CONT'D.)

SCENIC RIVER CONDITIONS SHOULD BE INCLUDED IN THE FINAL PROJECT PLAN SET AND MUST BE MADE AVAILABLE TO ALL CONSTRUCTION PERSONNEL THROUGHOUT THE DURATION OF THE PROJECT. THIS SHOULD ENSURE THAT THE CONTRACTORS UNDERSTAND SCENIC RIVER REQUIREMENTS. SHE MAY BE CONTACTED AT ROWAN.COBUEN-GRIFFIS@DNR.OHIO.GOV OR 419-348-6731.

REPORT SPILLS EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITIES PRESCRIBED IN ORC CHAPTER 3750-25, IN ACCORDANCE WITH ORC CHAPTER 3750.06, TO THE LOCAL FIRE DEPARTMENT (911), THE LOCAL EMERGENCY COORDINATOR (419) 354-9269, AND THE OHIO SPILL LINE (1-800-282-9378).

THE CONTRACTOR SHALL NOT DISCHARGE TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTEWATER, FUELS OR DEBRIS OF ANY KIND TO A SCENIC RIVER, ITS TRIBUTARIES, OR DRAINAGEWAYS. 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.

KEEP ALL IDLE EQUIPMENT AND ANY STORAGE FOR/OF FUELS, LUBRICANTS, POTENTIALLY TOXIC OR HAZARDOUS MATERIALS BEYOND 1000 FEET OF THE MAUMEE RIVER. THE ONLY EXCEPTIONS WILL BE FOR LARGE STATIONARY CRANES, DRILL RIGS, AND OTHER LARGE CONSTRUCTION EQUIPMENT WITH LIMITED MOBILITY. IDLE EQUIPMENT IS DEFINED AS CONSTRUCTION EQUIPMENT THAT WILL NOT BE IN USE FOR THE FOLLOWING TWO CALENDAR DAYS. THE CONTRACTOR WILL RECEIVE AN E-MAIL ALERT NOTIFICATION FROM SWPPP TRACK WHEN PRECIPITATION IS RECORDED ABOVE 0.5 INCH OF RAIN IN THE 24-HOUR PERIOD. THE CONTRACTOR SHALL MONITOR ANY USGS RIVER GAUGE STATIONS NEAR THE PROJECT SITE TO MONITOR GAUGE HEIGHT AND DISCHARGE OF THE MAUMEE RIVER. THE CONTRACTOR SHALL MONITOR FORECASTED WEATHER PRECIPITATION USING AVAILABLE ONLINE WEATHER SERVICES. NOTIFY THE ENGINEER OF WEATHER OR RIVER CONDITIONS THAT MAY IMPACT THE WORK SITE AND PROVIDE A PLAN FOR IMMEDIATE MOVEMENT OF ALL EQUIPMENT 1000 FEET OR MORE FROM THE RIVER.

NO WASTEWATER OF ANY KIND SHOULD BE DIRECTLY DISCHARGED INTO STATE SCENIC RIVERS OR ANY OF THEIR TRIBUTARY STREAMS, DRAINAGE WAYS OR DITCHES. IF DEWATERING IS NECESSARY TO FACILITATE IN-STREAM WORK, ALL WASTEWATER SHOULD BE PUMPED ONTO A VEGETATED AREA A SUFFICIENT DISTANCE FROM THE RIVER TO ALLOW FOR COMPLETE INFILTRATION. ALL STORMWATER DRAINAGE SHOULD BE DIRECTED ONTO A VEGETATED AREA TO ALLOW FOR COMPLETE INFILTRATION. IF DISCHARGE TO A VEGETATED AREA IS NOT FEASIBLE, THEN WASTEWATER SHOULD BE DISCHARGED INTO A SEDIMENT FILTER BAG OR INTO A TEMPORARY DETENTION/RETENTION POND WITH SUFFICIENT RETENTION TIME TO PERMIT FOR THE SETTLING OF ALL SUSPENDED SOLIDS.

ECOLOGICAL RESOURCES (CONT'D.)

THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SEDIMENT AND EROSION CONTROL PLAN BEFORE EARTHWORK COMMENCES. THE PLAN SHALL INCLUDE A LIST OF APPLICABLE BMPS, PER SS 832, THAT WILL BE USED THROUGHOUT THE PROJECT, SUCH AS PERIMETER CONTROLS AND/OR SEEDING AND MULCHING AND MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND ACCEPTANCE. SEDIMENT AND EROSION CONTROLS SHALL BE PROPERLY INSTALLED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. STRAW BALES SHALL NOT BE PERMITTED AS A FORM OF SEDIMENT CONTROL. ALL TEMPORARY SEDIMENT AND EROSION CONTROLS SHALL BE REMOVED UPON STABILIZATION OF THE PROJECT AREA. PARTICULAR ATTENTION SHALL BE GIVEN TO ANY DRAINAGE WAYS, UNPROTECTED SLOPES, DITCHES, AND STREAMS THAT COULD CONVEY SEDIMENT LADEN WATERS DIRECTLY TO THE MAUMEE RIVER.

WHEN CUTTING AND CLEARING OF ANY VEGETATION WITHIN 1000 FEET OF THE MAUMEE RIVER, THE CONTRACTOR SHALL LIMIT THE AMOUNT OF VEGETATION BEING CLEARED TO THE ABSOLUTE MINIMUM NECESSARY TO ACCOMPLISH THE GOAL OF THE PROJECT. VERTICAL PRUNING IS PERMITTED WHERE NECESSARY. THE CONTRACTOR MUST AVOID GIRDLING OR SCUFFING TREE TRUNKS.

ROCHE DE BOEUF

THE ROCHE DE BOEUF OUTCROP IS AN IMPORTANT RESOURCE AND WELL-KNOWN HISTORIC LANDMARK TO FEDERALLY RECOGNIZED INDIAN TRIBES THAT WERE ONCE IN OHIO. THE OUTCROP ALSO SUPPORTS A STATE-LISTED POTENTIALLY THREATENED PLANT. BECAUSE OF THESE DETAILS, THE DEPARTMENT IS COMMITTED TO PROTECTING ROCHE DE BOEUF FROM FURTHER IMPACT AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL PROTECT THE ROCK OUTCROPPING TO THE GREATEST EXTENT POSSIBLE DURING DEMOLITION, WHILE MINIMIZING DAMAGE SUCH AS SCRAPING, SCRATCHING, NICKING, OR OTHER PERMANENT ALTERATIONS TO THE ROCK. IT IS ANTICIPATED THAT THE CONTRACTOR WILL NEED TO PLACE SHIELDING MATERIAL (RUBBER MATTING, TARPS, CRANE MATS, ETC.) PRIOR TO DEMOLITION. PROTECTION LIMITS ARE SHOWN ON PAGE 13 FROM STA. 2995+50 TO STA. 2997+00. THE CONTRACTOR SHALL SUBMIT A PLAN DETAILING THE METHOD(S) OF PROTECTION OF THE ROCK OUTCROPPING A MINIMUM OF 21 DAYS PRIOR TO THE START OF DEMOLITION ACTIVITIES FOR DEPARTMENT ACCEPTANCE.

SECTION 4(F) RESOURCE - FARNSWORTH METROPARK

ACCESS TO FARNSWORTH METROPARK SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR THE TIME NEEDED TO TEMPORARILY OCCUPY THE PROPERTY, WHICH SHALL BE LESS THAN THE TIME NEEDED FOR CONSTRUCTION OF THE PROJECT.

TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT FARNSWORTH METROPARK AND THE PUBLIC.

PAYMENT SHALL BE PER FOOT INCLUDED UNDER ITEM 607, FENCE MISC.: TEMPORARY CONSTRUCTION FENCE.

ITEM 607, FENCE MISC.:
TEMPORARY CONSTRUCTION FENCE 2500 FT.

APPROPRIATE SIGNAGE SHALL BE INSTALLED TO ALERT USERS OF FARNSWORTH METROPARK OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTIONS OR CLOSURES, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS.

THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT AND TOLEDO METROPARKS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

SECTION 4(F) RECREATIONAL RESOURCE-MAUMEE RIVER WATER TRAIL

THE PROJECT ENGINEER OR CONTRACTOR SHALL NOTIFY ODNR PARKS AND WATERCRAFT AT NATALIE.FOOS@DNR.OHIO.GOV, 14 CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION AND THEN AGAIN 2 WEEKS IN ADVANCE OF BRIDGE DEMOLITION TO POST NOTICE OF THE IMPENDING PROJECT CONSTRUCTION, ON THE ODNR WEBPAGES AND ASSOCIATED ONLINE BOATING MAPS. AS PART OF THE NOTIFICATION EFFORTS, THE PROJECT ENGINEER SHALL ALSO PROVIDE PLANS THAT INDICATE SIGNAGE LOCATION ALONG THE WATERWAY AND ANY ADDITIONAL PLANNED NOTIFICATION EFFORTS WITH ODNR THAT WILL TAKE PLACE DURING OR AFTER CONSTRUCTION.

THE CONTRACTOR SHALL CLOSE THE RIVER TO PADDLING AND OTHER ON RIVER ACCESS ONCE DEMOLITION BEGINS. THE CONTRACTOR SHALL REOPEN THE RIVER TO PADDLING AND OTHER ON RIVER ACCESS ONCE THE CAUSEWAY IS MOVED FROM ONE SIDE OF THE RIVER TO THE OTHER. IN TOTAL, RIVER ACCESS CANNOT BE RESTRICTED FOR MORE THAN 4 MONTHS.

THE CONTRACTOR IS TO BE ALERT TO PADDLERS AND ACCOMMODATE SAFE TRAVEL, DURING THE SECOND HALF OF CONSTRUCTION, THROUGH THE PROJECT AREA.

THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE (INCLUDING ACCESS RESTRICTIONS) WITH ODOT DISTRICT 2 DISTRICT ENVIRONMENTAL COORDINATOR "DEC" AND ODNR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

IF ON-THE-WATER LAW ENFORCEMENT IS NEEDED DURING ANY PORTION OF THE CONSTRUCTION ACTIVITIES, THE PROJECT ENGINEER OR CONTRACTOR SHALL CONTACT THE ODNR DIVISION OF PARKS AND WATERCRAFT LAW ENFORCEMENT SUPERVISOR, LT. SARAH GENZMAN AT 419-350-7352.

ADEQUATE SIGNING BOTH UPSTREAM AND DOWNSTREAM SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR, IF NECESSARY, BASED ON PROJECT ACTIVITIES. THE FOLLOWING TYPE SIGNS ARE CONSIDERED TO BE MINIMUM TREATMENT:

**SECTION 4(F) RECREATIONAL RESOURCE -
MAUMEE RIVER WATER TRAIL (CONT'D.)**

A. SIGNAGE AT THE METROPARKS TOLEDO FARNSWORTH METROPARK ACCESS (-83.748878, 41.476657) AND THE ODNR DIVISION OF WILDLIFE WEIRS RAPIDS ACCESS (-83.76693, 41.46128) UPSTREAM OF THE PROJECT;

B. APPROXIMATELY 300 FEET UPSTREAM, SIGNS SPECIFYING ACTIONS REQUIRED OF THE BOATER ON BOTH BANKS;

C. APPROXIMATELY 300 FEET DOWNSTREAM, SIGNS SPECIFYING ACTIONS REQUIRED OF CANOEIST ON BOTH BANKS;

D. SIGNAGE AT THE ODNR DIVISION OF WILDLIFE MILTONVILLE FISHING ACCESS (-83.71466, 41.48918) AND THE CITY OF WATERVILLE WATERWORKS PARK ACCESS (-83.71632, 41.49368) DOWNSTREAM OF THE PROJECT.

E. SIGNING WITHIN 300 FEET UP AND DOWNSTREAM OF THE PROJECT SHALL BE MOUNTED IN SUCH A WAY AS TO BE A MINIMUM OF 4 FEET ABOVE THE WATER LEVEL, UNOBSTRUCTED BY TREE BRANCHES, AND PROPERLY ANGLED FOR MAXIMUM VISIBILITY FROM THE MAIN CLEAR CHANNEL. THE METHOD OF SUPPORTING THE SIGNS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. UPON COMPLETION OF THE PROJECT, THE SIGNS AND SUPPORT SYSTEMS SHALL BE COMPLETELY REMOVED FROM THE RIVER CHANNEL.

F. SIGNAGE POSTED AT THE ACCESS POINTS SHALL BE COORDINATED WITH THE APPROPRIATE MANAGING AGENCY AND BE CLEARLY VISIBLE TO ALL BOATERS WHO MAY UTILIZE THE ACCESS.

WATERWAY PERMITTING

IN THE EVENT OF A CATASTROPHIC FAILURE (I.E., COLLAPSE OF ONE OR MORE BRIDGE SPANS INTO THE WATERWAY) THE CONTRACTOR SHALL TAKE THE FOLLOWING ACTIONS:

1. IMMEDIATELY NOTIFY THE DISTRICT ENVIRONMENTAL COORDINATOR "DEC" (PHOENIX GOLNICK, 419-373-4329) AND THE PROJECT ENGINEER.

2. DETERMINE THE LOCATION AND AMOUNT OF BRIDGE DEBRIS FILL IN AQUATIC RESOURCES

3. IMPLEMENT ANY APPROPRIATE BMPS IN AND AROUND IMPACTED AQUATIC RESOURCES

4. REMOVE BRIDGE DEBRIS FROM THE WATERWAY AS SOON AS POSSIBLE.

ODOT WILL PERFORM A POST CONSTRUCTION BATHYMETRIC SURVEY TO ENSURE THAT ALL CAUSEWAY MATERIAL AND BRIDGE DEBRIS HAS BEEN REMOVED FROM THE STREAM BED BY THE CONTRACTOR. A PRE-CONSTRUCTION BATHYMETRIC SURVEY WAS COMPLETED AND IS AVAILABLE FOR THE CONTRACTOR TO REVIEW. THE PRE-CONSTRUCTION BATHYMETRIC SURVEY OF STREAM BED ELEVATIONS CAN ALSO BE FOUND ON PLAN SHEET 26. AFTER ALL BRIDGE AND CAUSEWAY MATERIAL IS REMOVED FROM THE STREAM BED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER SO THAT THE POST-CONSTRUCTION BATHYMETRIC SURVEY CAN BE COMPLETED. IF THE POST-CONSTRUCTION BATHYMETRIC SURVEY INDICATES THAT ANY DEBRIS OR CAUSEWAY MATERIAL REMAINS IN THE MAUMEE RIVER, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS REMOVAL AT NO ADDITIONAL COST TO THE DEPARTMENT.

STRUCTURE REMOVAL

ODOT MAKES NO GUARANTEE RELATIVE TO THE OVERALL STABILITY OF THIS ENTIRE STRUCTURE DURING DEMOLITION. CONTRACTOR SHALL ENSURE NO WORKERS, EQUIPMENT, PRIVATE CITIZENS (FISHERMAN, BY STANDERS, TRAFFIC) ARE UNDER OR NEAR ANY PORTION OF THE ENTIRE STRUCTURE DURING ANY AND ALL DEMO WORK.

IF ANY PORTION(S) OF THE STRUCTURE COLLAPSE IN AREAS NOT ALREADY PROTECTED BY THE PROPOSED CAUSEWAY, THE CONTRACTOR WILL BE DIRECTED TO MOBILIZE TO THOSE AREAS IMMEDIATELY THAT HAVE COLLAPSED TO STABILIZE THE REMAINING PORTION OF THE STRUCTURE (OR REMOVE IF UNABLE TO STABILIZE). THE CONTRACTOR WILL BE DIRECTED TO REMOVE ALL PORTIONS OF THE STRUCTURE THAT HAVE FALLEN DIRECTLY INTO THE MAUMEE RIVER IMMEDIATELY AND CONTINUE TO WORK DILIGENTLY TO CLEAR ANY BLOCKED AREAS OF THE RIVER NOT PROTECTED BY THE CAUSEWAY.

ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, MATERIAL EXCAVATED FROM THE RIVER BOTTOM AND TRASH SHOULD BE DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE 100-YEAR FLOOD ELEVATIONS. DISPOSAL OF ANY SUCH MATERIAL IN WETLANDS, FLOODPLAINS, OR WITHIN 1000 FT OF STATE SCENIC RIVERS IS PROHIBITED.

CALCULATED
ADC
CHECKED
SRC

GENERAL NOTES

WOO - LUC
ROCHE DE BOEUF

5
19

ITEM 614, MAINTAINING TRAFFIC

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 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 CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ALL TRAFFIC CONTROL DEVICES REQUIRED INSIDE THE WORK LIMITS SHALL BE FURNISHED, ERECTED, MAINTAINED AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR.

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM VIEW OF TRAFFIC WHEN THEY ARE NOT APPLICABLE, AS DETERMINED BY THE ENGINEER.

CONTRACTOR AND ODOT REPRESENTATIVES SHALL INSPECT RIVER BOTTOM TO ENSURE ALL BRIDGE DEBRIS AND CAUSEWAY MATERIALS HAVE BEEN REMOVED FROM THE RIVER BOTTOM, PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

INSPECTION SHALL BE DURING LOW FLOW, CLEAR WATER CONDITIONS, FROM A CONTRACTOR PROVIDED BOAT OR ON FOOT USING WADERS PROVIDED BY THE CONTRACTOR.

CONSTRUCTION TRAFFIC

THE CONTRACTOR SHALL UTILIZE THE ANTHONY WAYNE TRAIL AND S. RIVER ROAD WEST OF THE ROCHE DE BOEUF FOR CONSTRUCTION TRAFFIC. CONSTRUCTION TRAFFIC SHALL NOT UTILIZE S. RIVER ROAD EAST OF THE ROCHE DE BOEUF.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD CLOSURES	≥ 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	≥ 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO CLOSURE

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

MAINTENANCE OF TRAFFIC - RIVER TRAFFIC

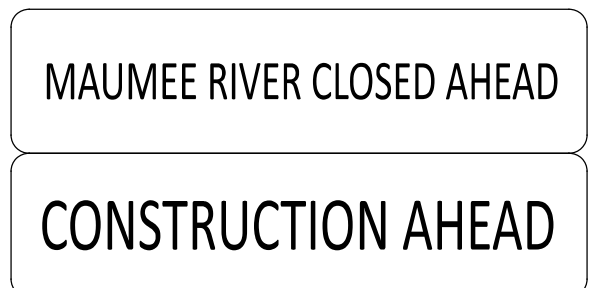
BOAT TRAFFIC IS ANTICIPATED. THE CONTRACTOR SHALL ACCOMMODATE SAFE TRAVEL FOR BOATERS BY THE USE OF FLAGGERS OR OTHER MEANS APPROVED IN THE PLANS.

THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE, INCLUDING ACCESS RESTRICTIONS, WITH ODOT DISTRICT 2 DISTRICT ENVIRONMENTAL COORDINATOR AND ODNR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

RIVER CLOSURE SIGNS SHALL BE PLACED 300' UPSTREAM AND DOWNSTREAM OF THE CONSTRUCTION ZONE.

BUOYS SHALL BE ORANGE ON WHITE "KEEP OUT BUOYS" AT POINT OF CONSTRUCTION

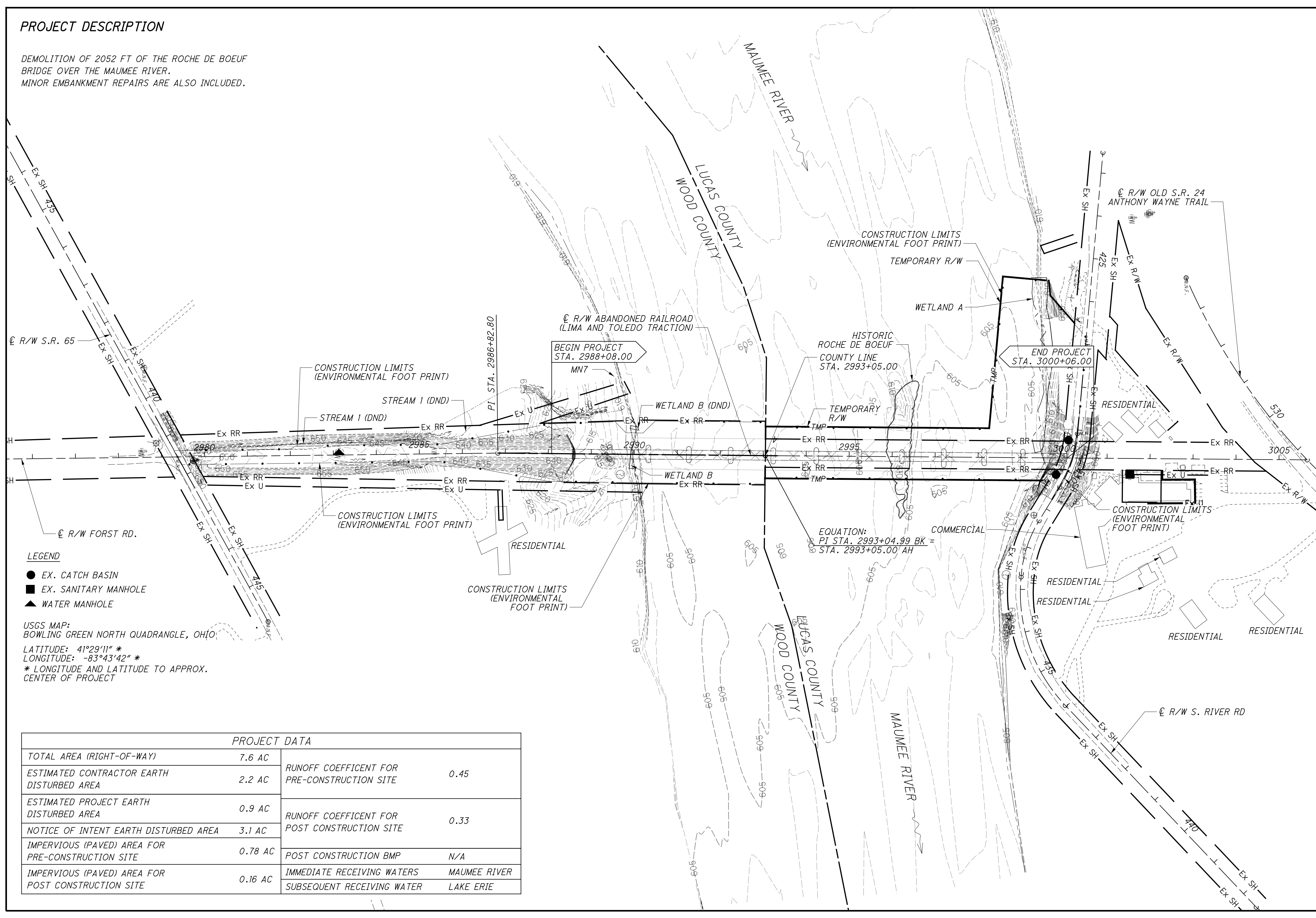
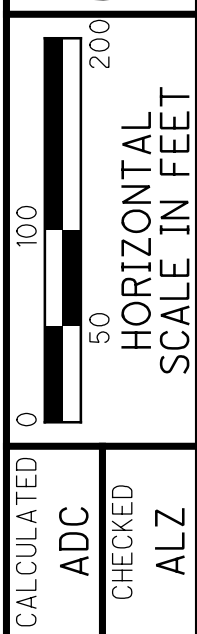
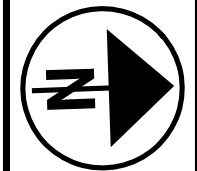
PAYMENT FOR RIVER TRAFFIC SIGNAGE SHALL BE INCLUDED WITH ITEM 614, DETOUR SIGNING.



SPECIAL
48"X84"
BLACK ON ORANGE

PROJECT DESCRIPTION

DEMOLITION OF 2052 FT OF THE ROCHE DE BOEUF BRIDGE OVER THE MAUMEE RIVER. MINOR EMBANKMENT REPAIRS ARE ALSO INCLUDED.



- LEGEND**
- EX. CATCH BASIN
 - EX. SANITARY MANHOLE
 - ▲ WATER MANHOLE

USGS MAP:
BOWLING GREEN NORTH QUADRANGLE, OHIO

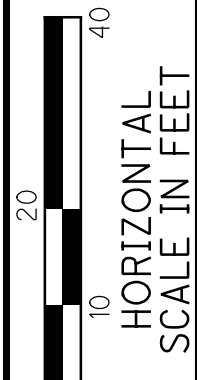
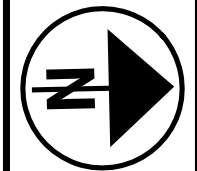
LATITUDE: 41°29'11" *
LONGITUDE: -83°43'42" *
* LONGITUDE AND LATITUDE TO APPROX. CENTER OF PROJECT

PROJECT DATA			
TOTAL AREA (RIGHT-OF-WAY)	7.6 AC	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.45
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	2.2 AC	RUNOFF COEFFICIENT FOR POST CONSTRUCTION SITE	0.33
ESTIMATED PROJECT EARTH DISTURBED AREA	0.9 AC	POST CONSTRUCTION BMP	N/A
NOTICE OF INTENT EARTH DISTURBED AREA	3.1 AC	IMMEDIATE RECEIVING WATERS	MAUMEE RIVER
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	0.78 AC	SUBSEQUENT RECEIVING WATER	LAKE ERIE
IMPERVIOUS (PAVED) AREA FOR POST CONSTRUCTION SITE	0.16 AC		

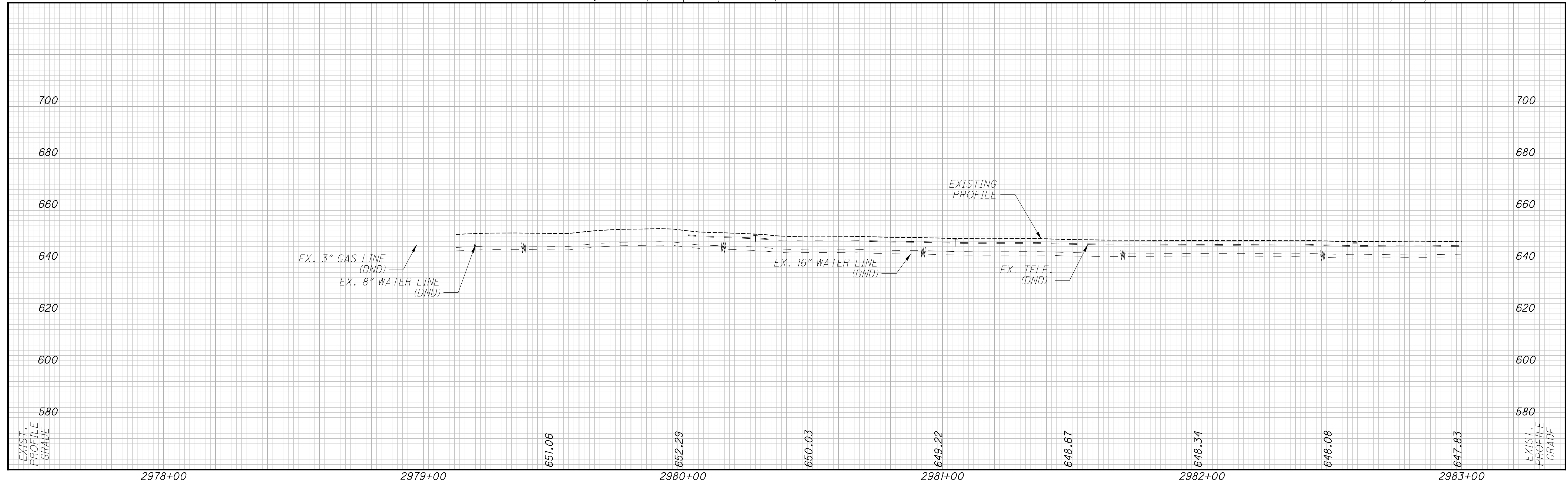
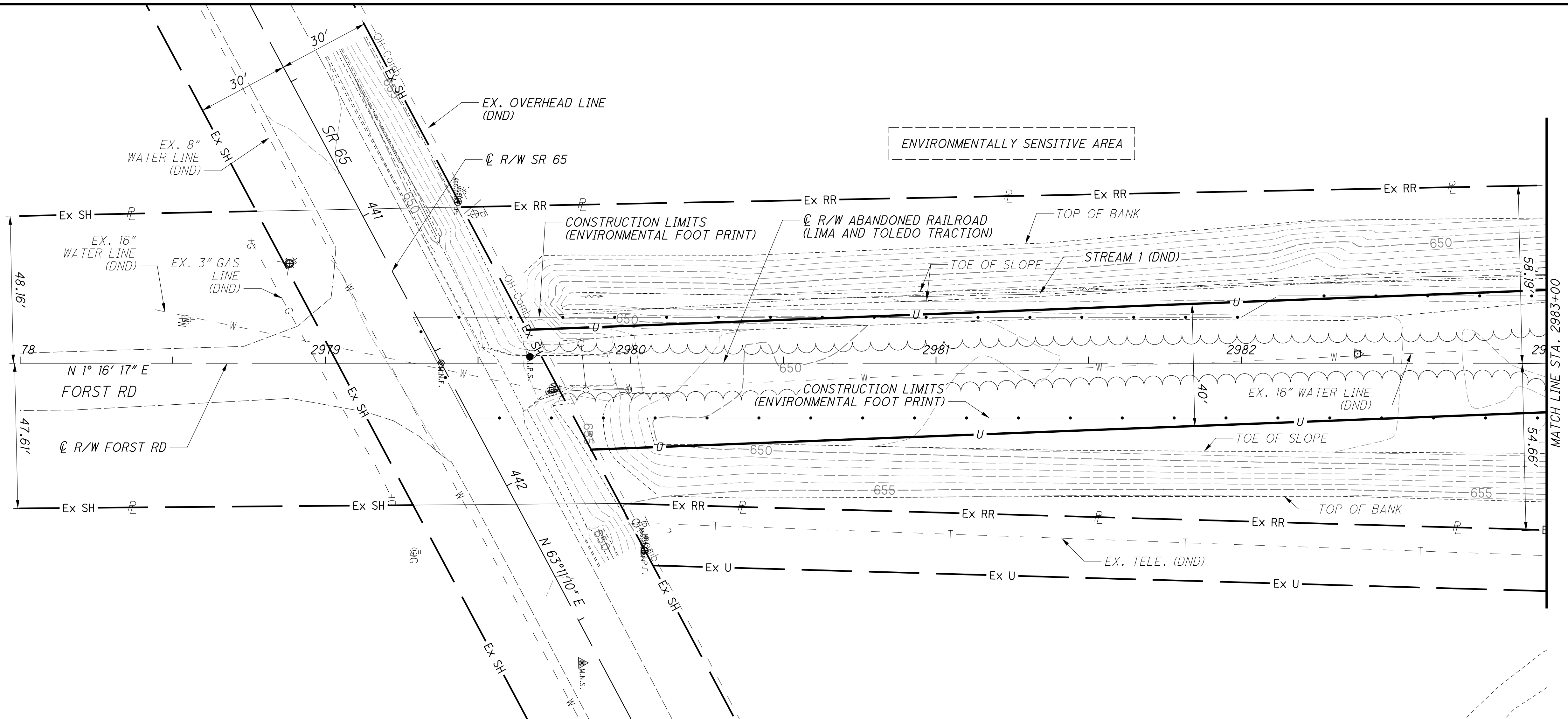
PROJECT SITE PLAN

WOO - LUC
ROCHE DE BOEUF

DND = DO NOT DISTURB

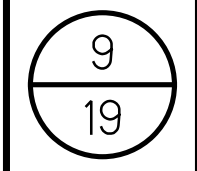


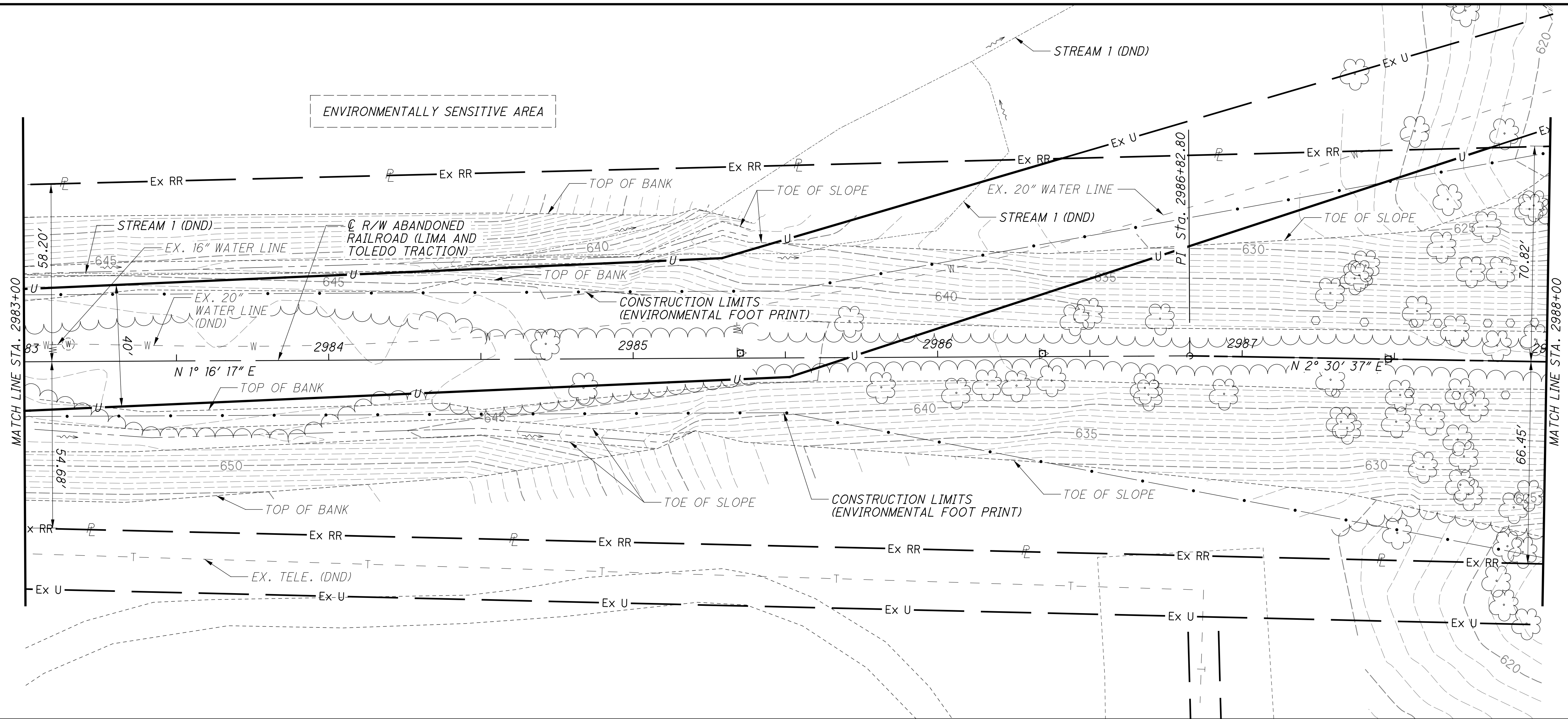
CALCULATED
ADC
CHECKED
SRC



PLAN AND PROFILE
STA. 2978+00.00 TO STA. 2983+00.00

WOO - LUC
ROCHE DE BOEUF





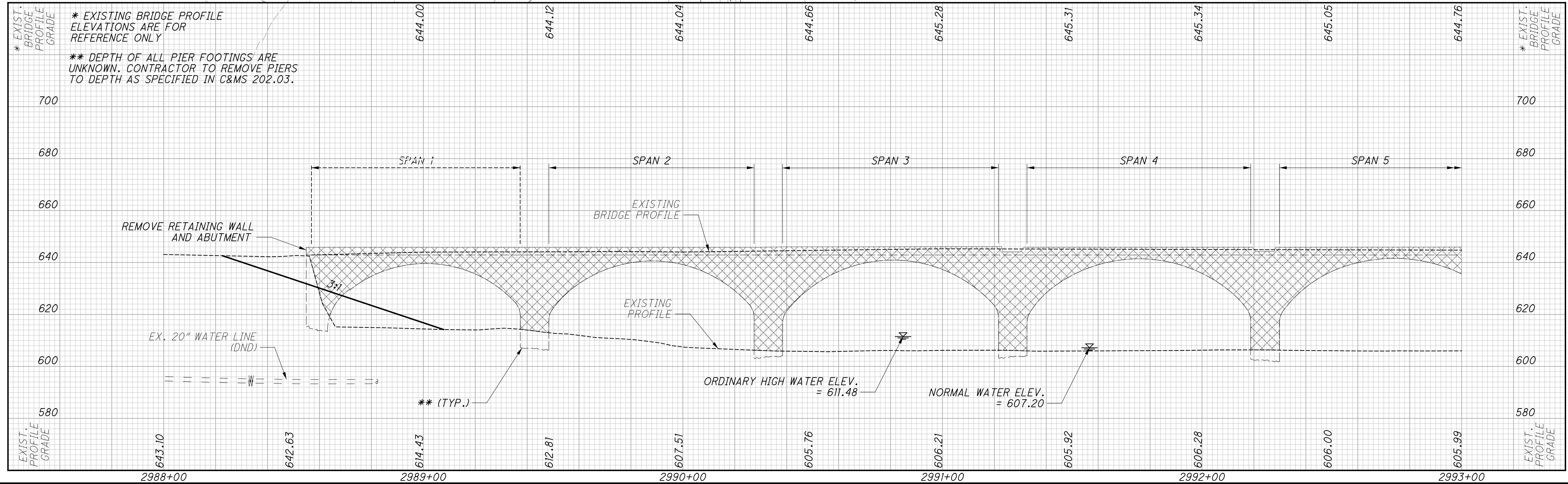
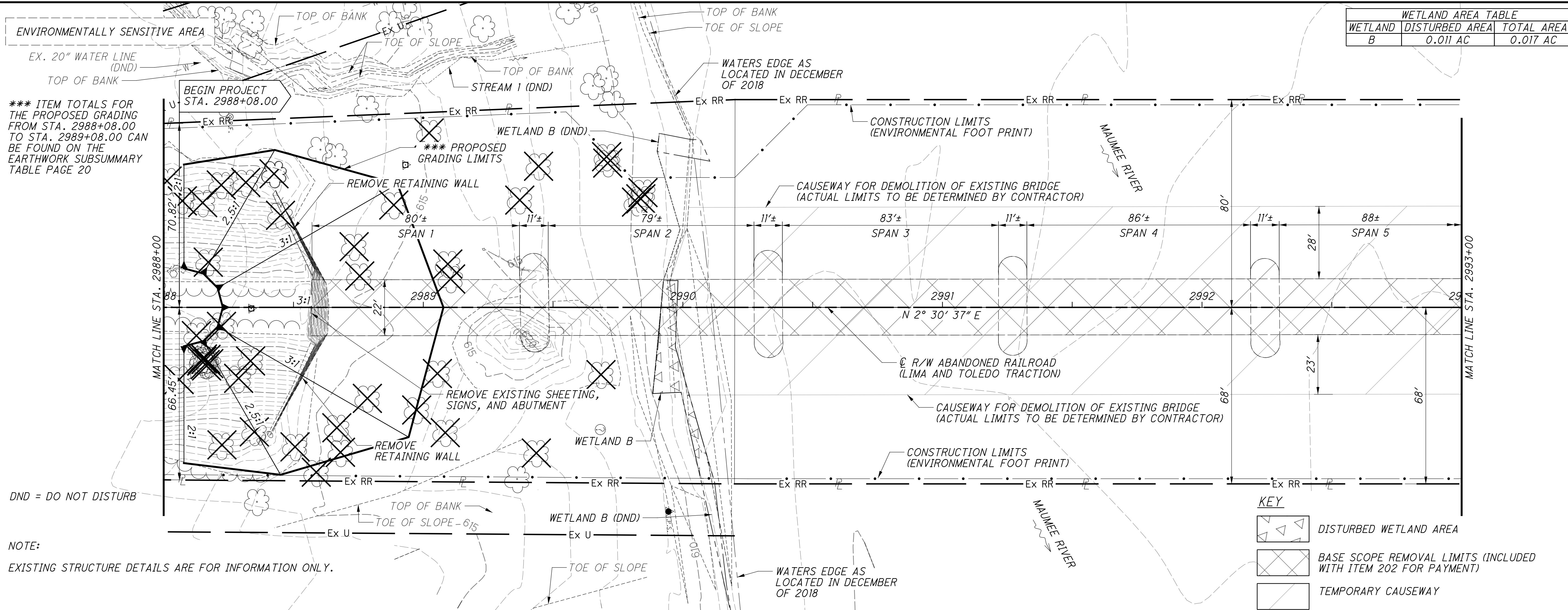
DND = DO NOT DISTURB



CALCULATED ADC
 CHECKED SRC

PLAN AND PROFILE
STA. 2983+00.00 TO STA. 2988+00.00

WOO - LUC
ROCHE DE BOEUF



PLAN AND PROFILE

STA. 2988+00.00 TO STA. 2993+00.00

WOO - LUC

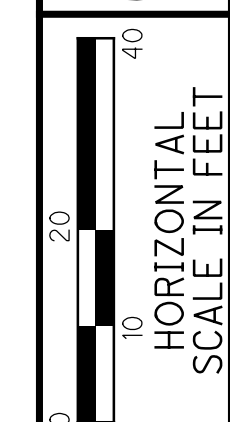
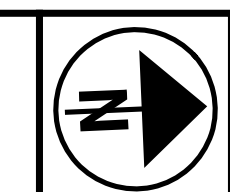
ROCHE DE BOEUF

11

19

CALCULATED ADC
CHECKED SRC

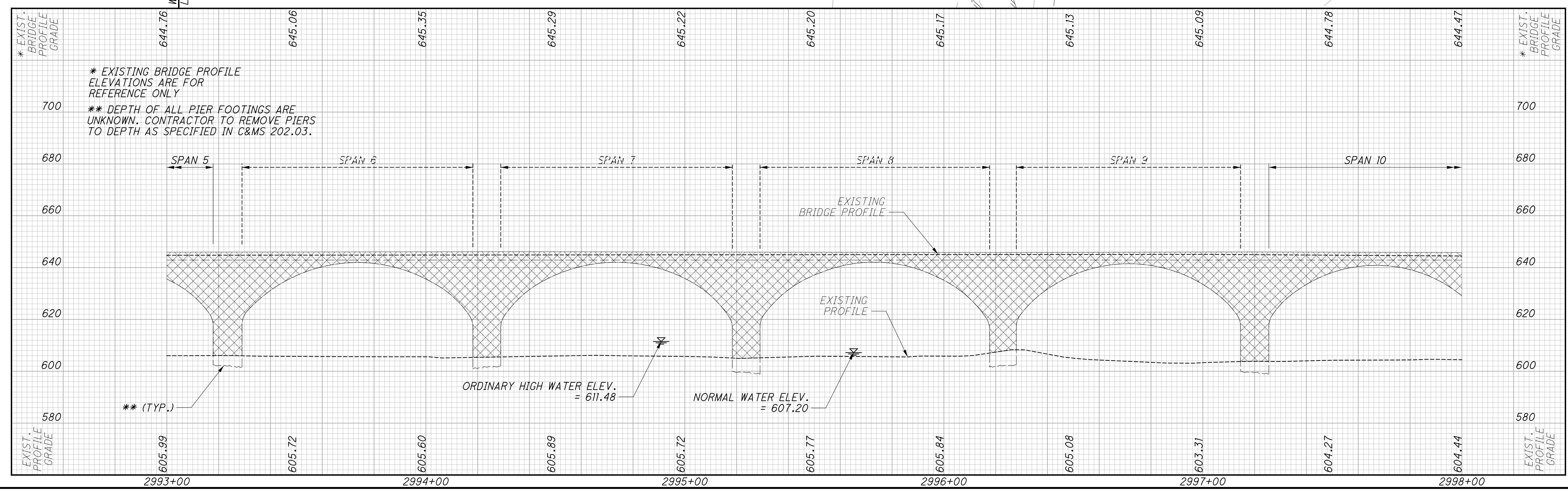
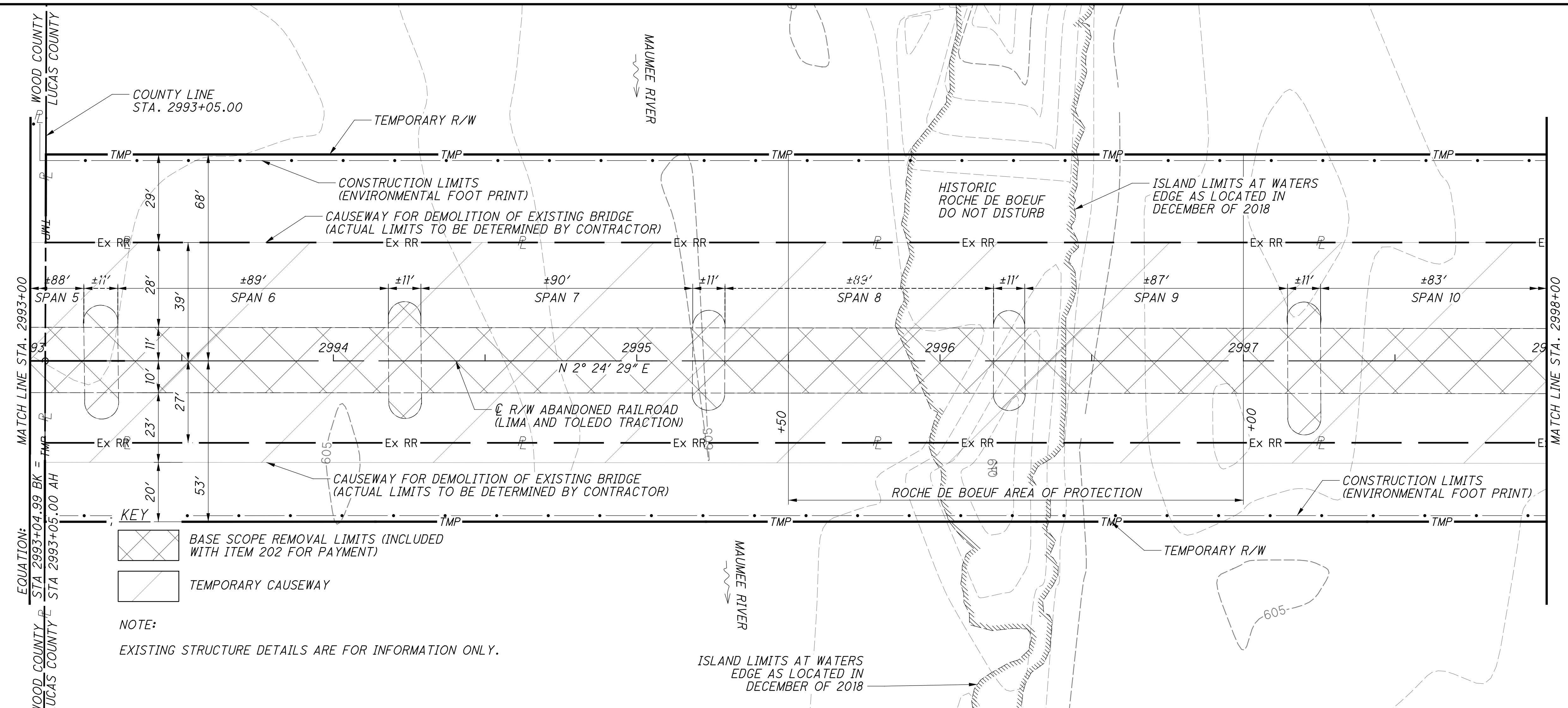
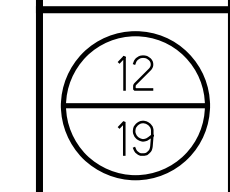
HORIZONTAL SCALE IN FEET



CALCULATED
ADC
CHECKED
SRC

PLAN AND PROFILE
STA. 2993+00.00 TO STA. 2998+00.00

WOO - LUC
ROCHE DE BOEUF



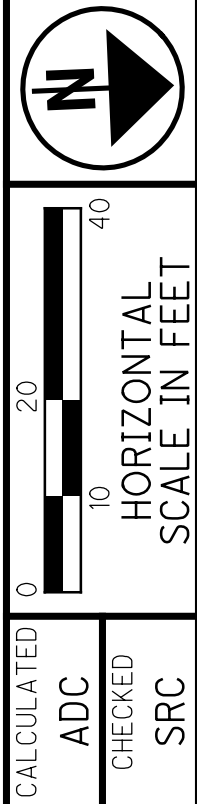
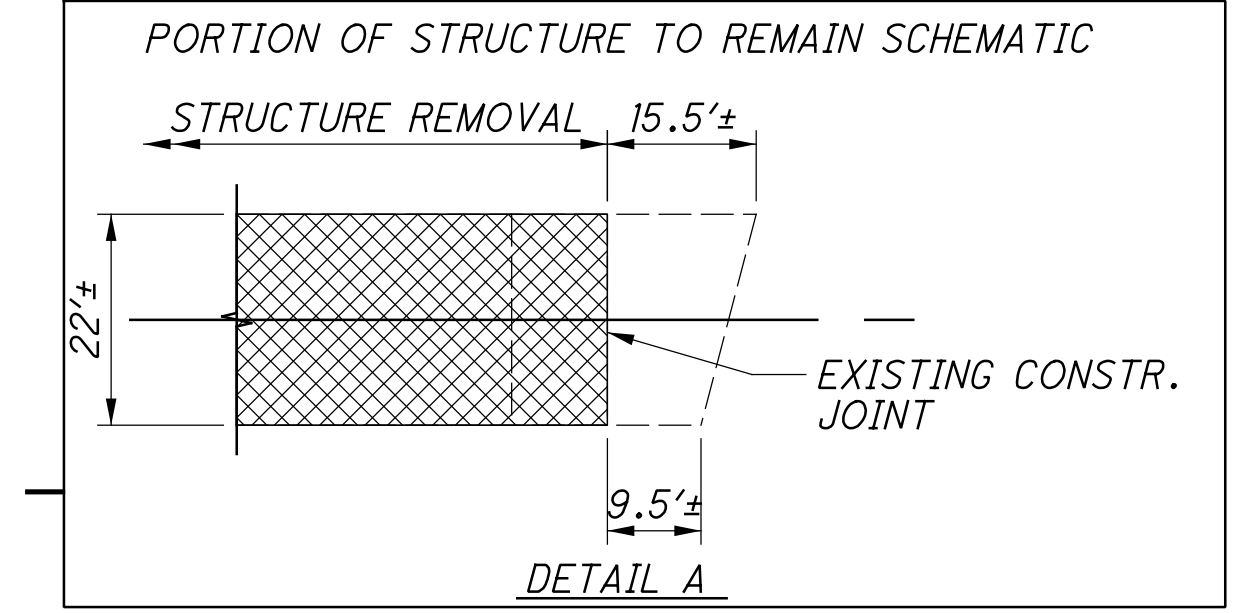
NOTE:

EXISTING STRUCTURE DETAILS ARE FOR INFORMATION ONLY.

WETLAND AREA TABLE		
WETLAND	DISTURBED AREA	TOTAL AREA
A	0.206 AC	0.206 AC

SEE SHEET 15 FOR LIMITS OF WETLAND A

- 1 UTILITY POLE STA. 429+16.00, 23.2' RT, DO NOT DISTURB
- 2 UTILITY POLE STA. 430+02.40, 16.2' RT, DO NOT DISTURB

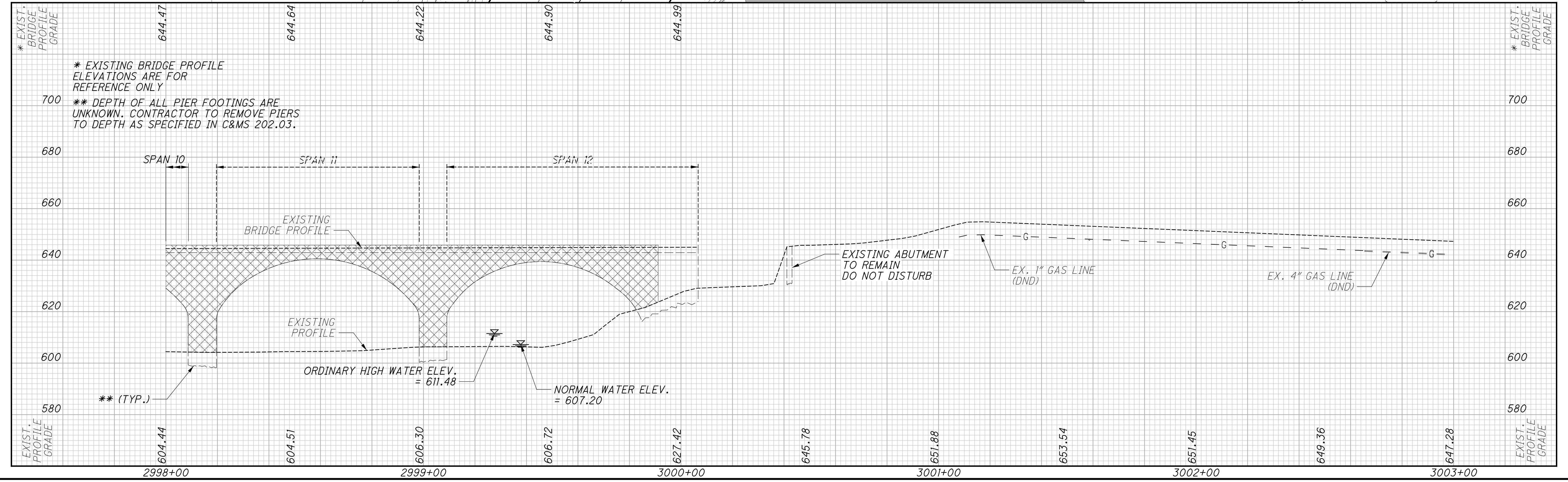
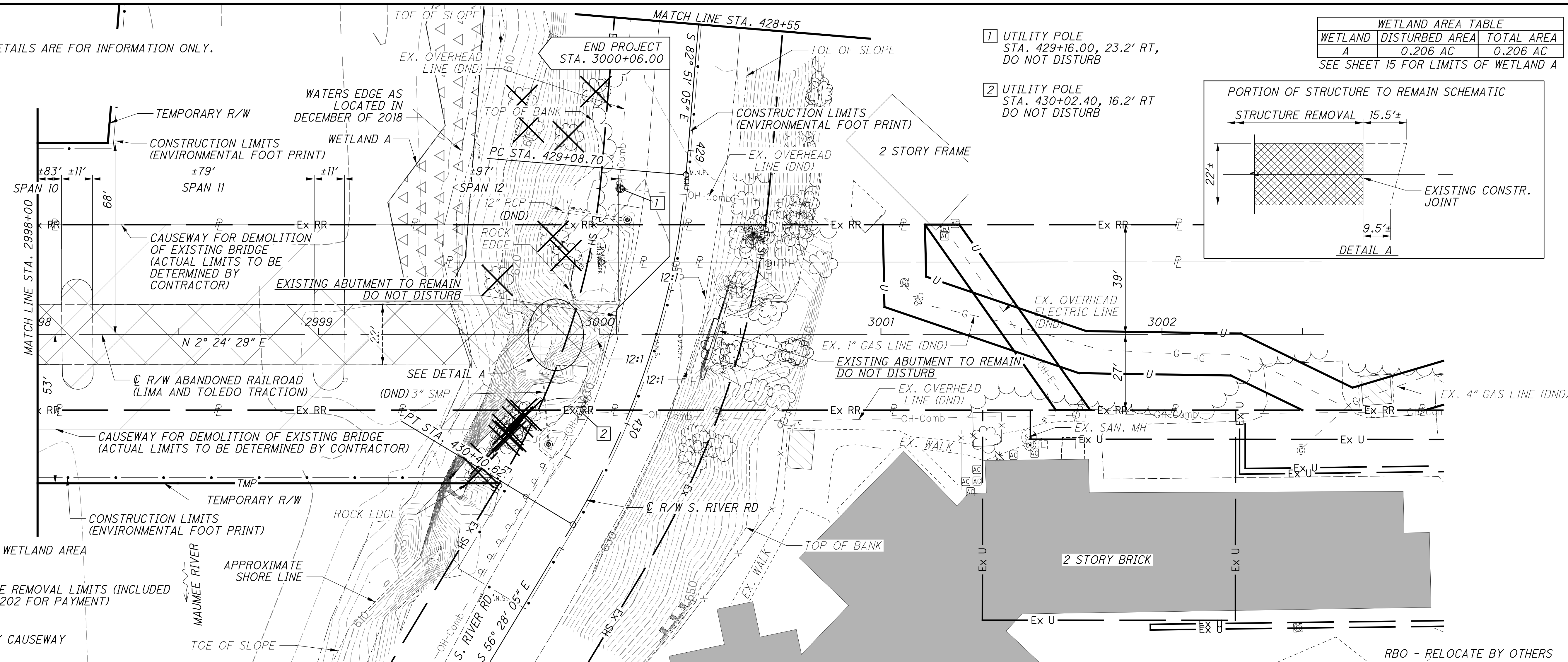


STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

KEY

- DISTURBED WETLAND AREA
- BASE SCOPE REMOVAL LIMITS (INCLUDED WITH ITEM 202 FOR PAYMENT)
- TEMPORARY CAUSEWAY

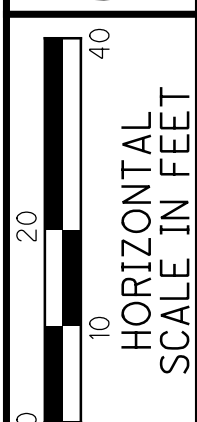
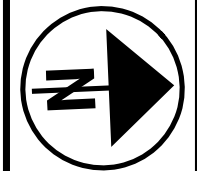


PLAN AND PROFILE
STA. 2998+00.00 TO STA. 3001+00.00

WOO - LUC
ROCHE DE BOEUF

WETLAND AREA TABLE		
WETLAND	DISTURBED AREA	TOTAL AREA
A	0.206 AC	0.206 AC

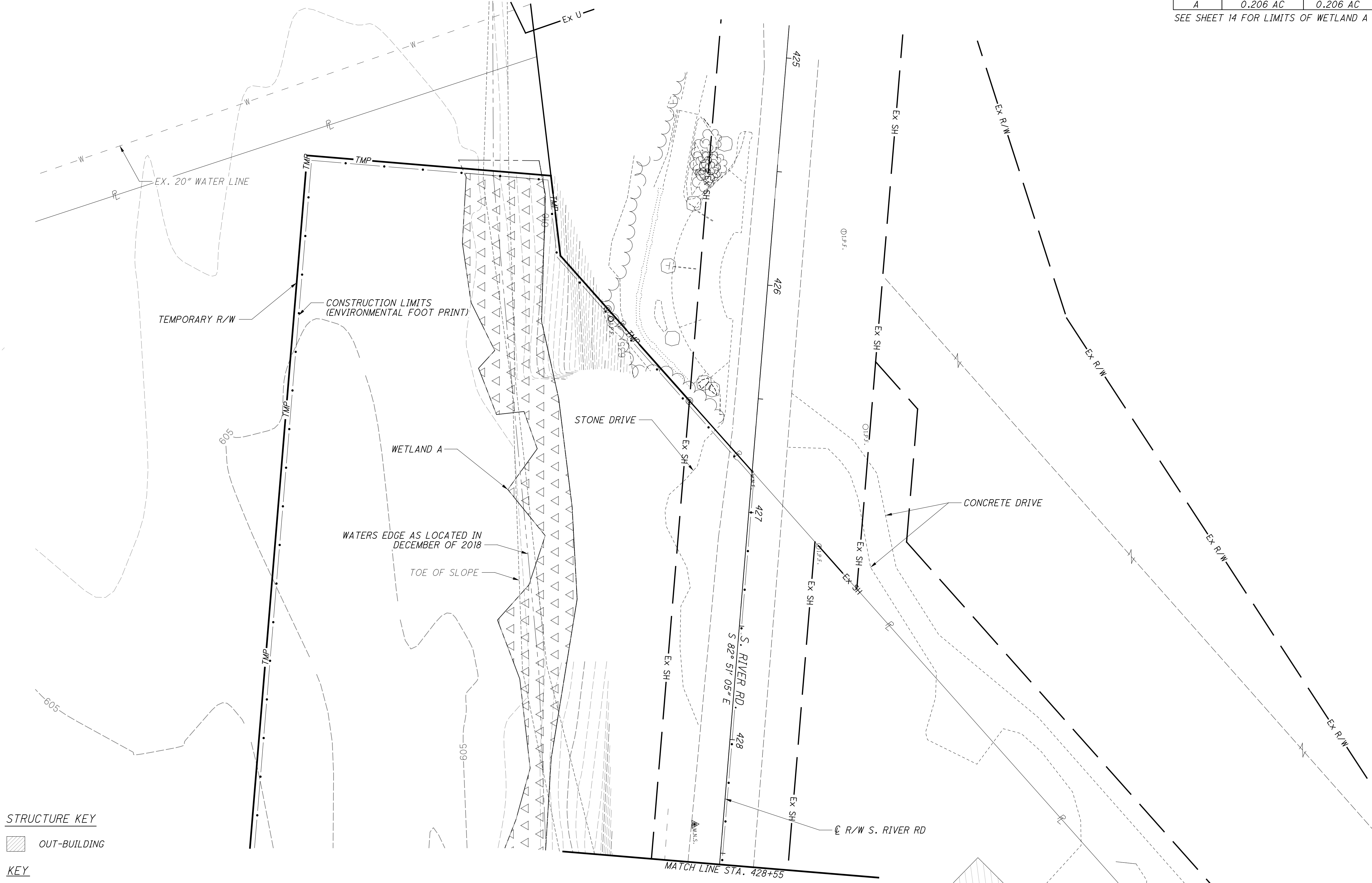
SEE SHEET 14 FOR LIMITS OF WETLAND A



CALCULATED	ADC
CHECKED	SRC

PLAN - S. RIVER ROAD
STA. 425+42.00 TO STA. 428+55.00

WOO - LUC
ROCHE DE BOEUF

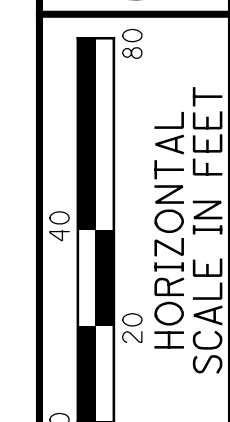
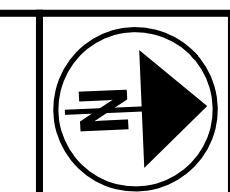


STRUCTURE KEY

OUT-BUILDING

KEY

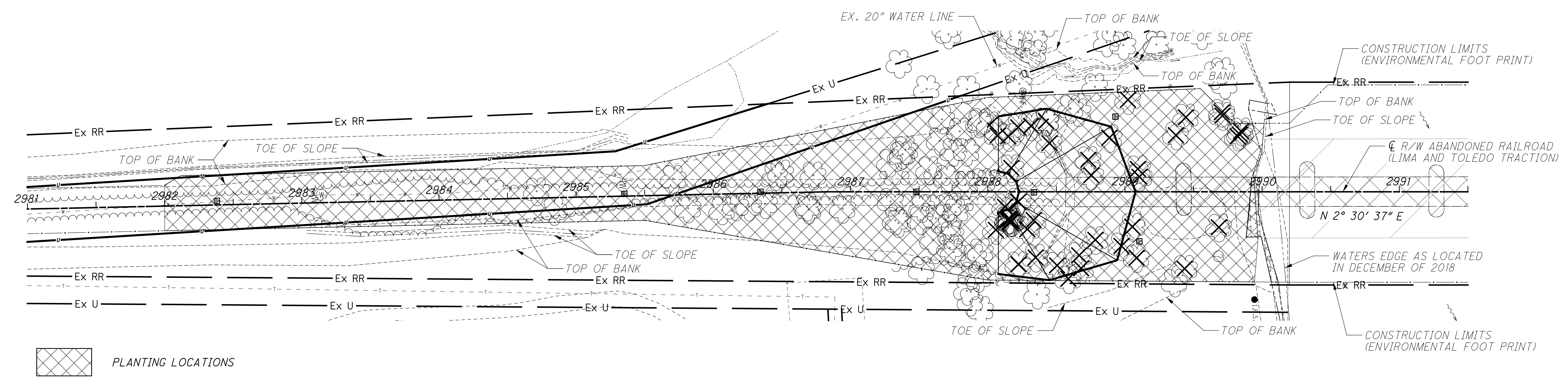
DISTURBED WETLAND AREA



CALCULATED GJS CHECKED ALZ

LANDSCAPING PLAN

WOO - LUC ROCHE DE BOEUF

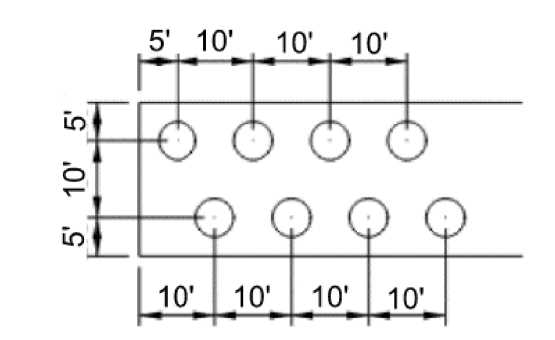


ITEM 661, DECIDUOUS TREES AND SHRUBS

ALL STREAMBANK VEGETATION SHOULD BE LEFT UNDISTURBED TO THE MAXIMUM EXTENT POSSIBLE. AREAS WHERE VEGETATION IS REMOVED SHOULD BE REVEGETATED WITH NATIVE TREE SPECIES. ANY DISTURBED STREAMBANKS SHOULD BE RETURNED TO PREVIOUSLY EXISTING CONTOURS AND ELEVATIONS. TREES SHOULD BE 3-5 GALLON CONTAINERIZED NURSERY STOCK. AFTER A FULL GROWING SEASON FOR THE TREES, ANY STAKES AND GUIDE WIRES SHOULD BE REMOVED AND PROPERLY DISPOSED OF. ANY TREES THAT DIE DURING THE FIRST GROWING SEASON SHOULD BE REPLACED. CUTTING OR CLEARING OF ANY RIPARIAN VEGETATION WITHIN 1000 FEET OF STATE SCENIC RIVERS BEYOND THE EXISTING RIGHT-OF-WAY SHOULD BE PROHIBITED, HOWEVER VERTICAL TRIMMING IS PERMITTED WHERE NECESSARY. CARE SHOULD BE TAKEN TO NOT GIRDLE OR SCUFF TREE TRUNKS OR DAMAGE ANY STANDING TREES.

INSTALL ALL PLANT MATERIALS AFTER MARCH 15 AND BEFORE JUNE 1, OR AFTER SEPTEMBER 15 AND BEFORE NOVEMBER 30. DO NOT INSTALL PLANT MATERIALS IN FROZEN OR SATURATED SOIL CONDITIONS. ENSURE A SUFFICIENT WATER SUPPLY IS AVAILABLE TO SATISFY THE REQUIREMENTS OF THE PLANT MATERIALS AND ITEM 662, LANDSCAPING WATER. LIVE PLANT MATERIALS SHALL BE INSTALLED IMMEDIATELY UPON DELIVERY AND SHALL BE KEPT MOIST. PLANTS SHALL BE WELL DEVELOPED, HEALTHY, FREE FROM INSECTS AND DISEASES, AND POSSESS A NORMAL UNBROKEN ROOT SYSTEM. CONTAINERIZED PLANTS SHALL BE TRANSPLANTED TO THE SAME DEPTH AS ORIGINALLY GROWN. INSTALL PLANTS BY DIGGING OR DRILLING A HOLE TWICE THE DIAMETER OF THE CONTAINER, GENTLY DEPOTTING THE PLANT, PLANTING AND BACKFILLING THE HOLE WITH SOIL. BACKFILL THE SOIL INTO THE HOLE TO THE SOIL LEVEL OF THE CONTAINER TO AVOID OVER-COMPRESSING THE SOIL, AS PER THE FIGURE BELOW. THE TREES AND SHRUBS MUST BE PLANTED IN A VERTICAL POSITION. THE ROOT COLLARS SHOULD BE PLANTED SLIGHTLY ABOVE GROUND OR FLUSH WITH THE GROUND.

THE GOAL OF PLANTING IS TO REESTABLISH THE RIPARIAN PLANTING ZONES. THIS INCLUDES NOT BEING PLANTED IN LINES AND THE SPECIES SHALL BE DISTRIBUTED THROUGHOUT THE AREA, AS PER THE FIGURE BELOW. FOR SPACING PURPOSES, EACH PLANTING LOCATION IN THE FIGURE REPRESENTS EITHER ONE TREE WITH A THREE-GALLON CONTAINER OR A CLUSTER OF THREE SHRUBS IN ONE-GALLON CONTAINERS.

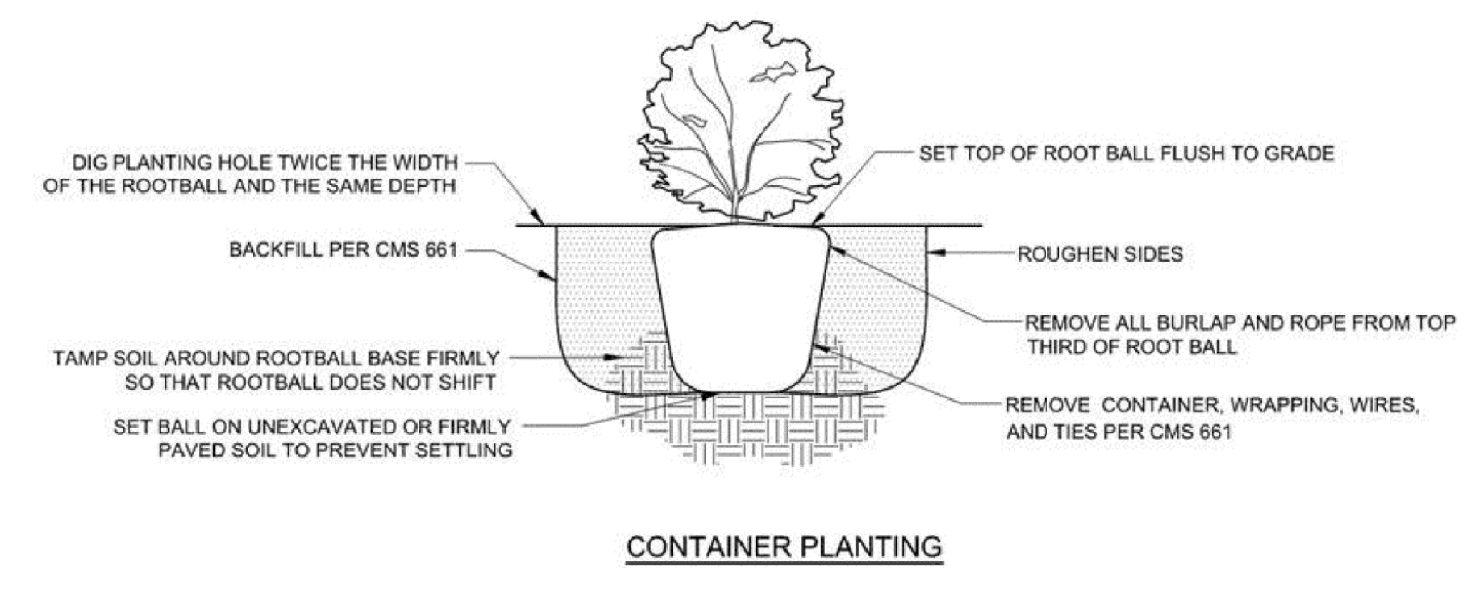


PLANTING LOCATIONS THROUGHOUT THE LANDSCAPING PLAN WILL CONSIST OF 50 PERCENT TREES AND 50 PERCENT SHRUBS. NO MORE THAN 20 PERCENT OF THESE PLANTING LOCATIONS WILL CONSIST OF ANY INDIVIDUAL SPECIES.

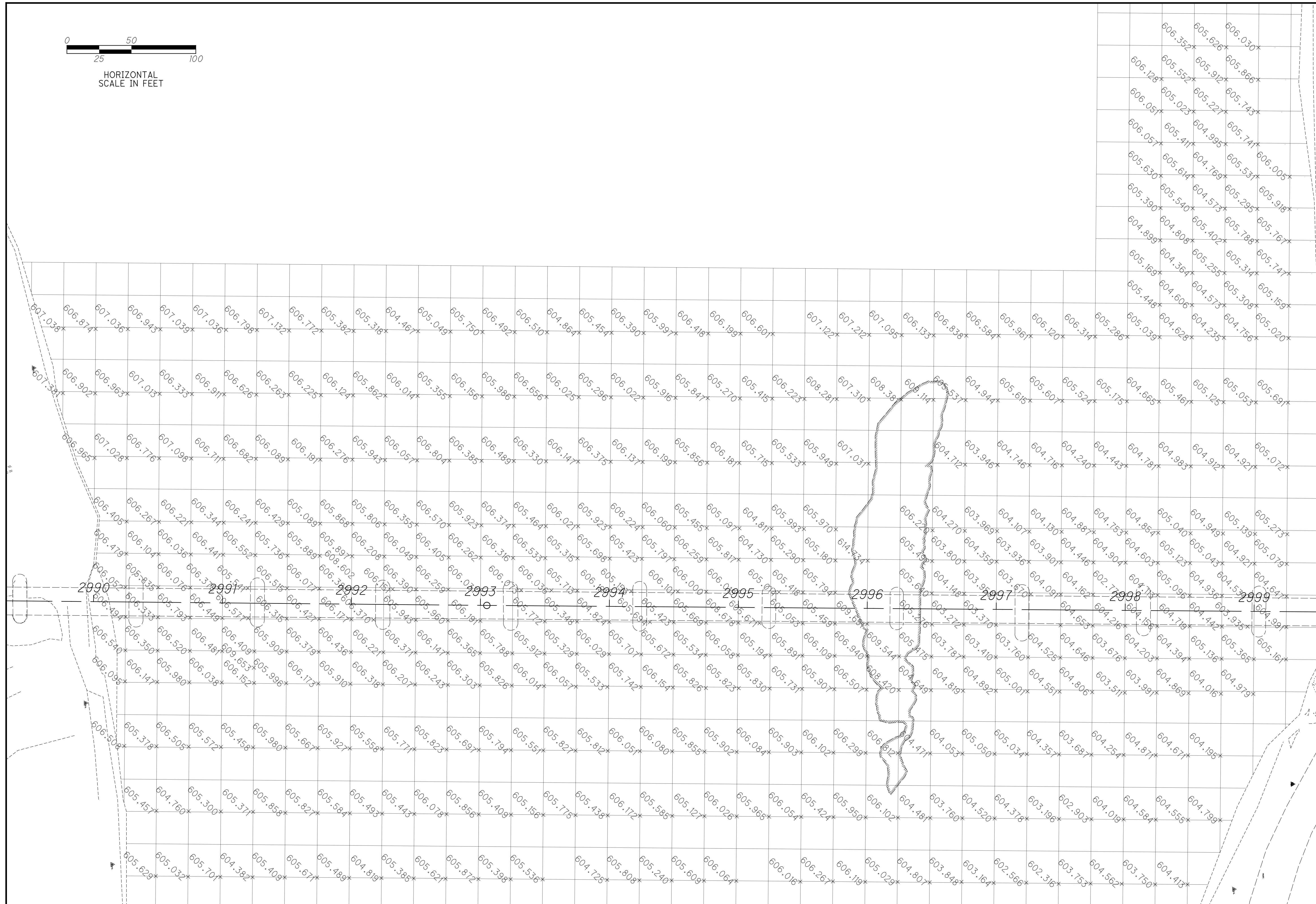
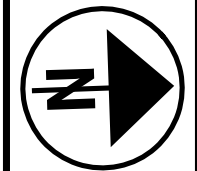
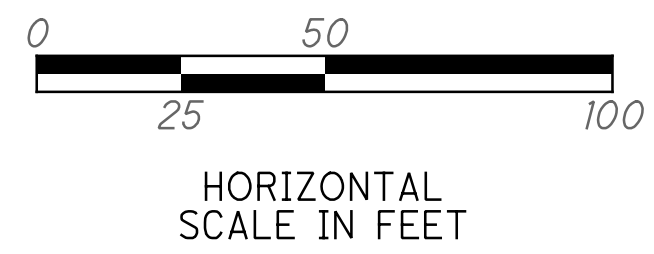
A TOTAL OF 168 TREES AND 500 SHRUBS SHALL BE PLANTED WITHIN THE AREAS DELINEATED ON THE LANDSCAPING PLAN.

- TREE LIST:
- | | |
|------------------|-----------------------|
| COMMON NAME: | BOTANICAL NAME: |
| SUGAR MAPLE | ACER SACCHARUM |
| PAWPAW | ASIMINA TRILOBA |
| BUR OAK | QUERCUS MACROCARPA |
| CHINQUAPIN OAK | QUERCUS MUEHLENBERGII |
| NORTHERN RED OAK | QUERCUS RUBRA |
- SHRUB LIST:
- | | |
|---------------------|----------------------|
| COMMON NAME: | BOTANICAL NAME: |
| SMOOTH SERVICEBERRY | AMERLANCHIER LAEVIS |
| EASTERN REDBUD | CERCIS CANADENSIS |
| WITCHAZEL | HAMAMELIS VIRGINIANA |
| SPICEBUSH | LINDERA BENZOIN |
| BLACKHAW | VIBURNUM PRUNIFOLIUM |

- ITEM 661, PLANTING MISC.: 1" CALIPER, 3-GALLON CONTAINER TREE 168 EACH
- ITEM 661, PLANTING MISC.: 1 GALLON CONTAINER SHRUB 500 EACH
- ITEM 662, LANDSCAPING WATER: 7,869 GALLONS



CONTAINER PLANTING



CALCULATED
GJS
CHECKED
RJM

BATHYMETRIC SURVEY

**WOO - LUC
ROCHE DE BOEUF**



**US Army Corps of Engineers
Huntington District**

Permit Number: 2022-00103-MAU

Name of Permittee: Ohio Department of Transportation

Date of Issuance: June 17, 2024

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

U.S. Army Corps of Engineers - Huntington District
Building 10/ Section 10
PO Box 3990
Columbus, OH 43218-3990

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date