

CULVERT WORK PROPOSAL

For

**JEFFERSON COUNTY HIGHWAY DEPARTMENT
JEFFERSON COUNTY, WISCONSIN
1425 SOUTH WISCONSIN DRIVE
JEFFERSON, WI 53549**

PROJECT:

JEFFERSON COUNTY PARKS DEPARTMENT

**JEFFERSON COUNTY INTERURBAN TRAIL
CULVERT REPLACEMENT**

BIDDER:

**PROPOSAL BID OPENING:
Wednesday, October 4, 2023
4:00 PM, Local Time**

**NOTICE TO BIDDERS
JEFFERSON COUNTY INTERURBAN TRAIL CULVERT REPLACEMENT
JEFFERSON COUNTY PARKS DEPARTMENT
JEFFERSON, WI**

Sealed proposals will be received until 4:00 P.M., Wednesday, October 4, 2023

**JEFFERSON COUNTY PARKS DEPARTMENT
JEFFERSON COUNTY INTERURBAN TRAIL**

PROJECT SCOPE: CULVERT REPLACEMENT

Location: Jefferson County Interurban Trail (Phase 3)
Approximately 3,500' east of C.T.H. "F" (Town of Ixonia)

Estimated Quantities: See Bid Forms Attached

The Jefferson County Highway Department will receive sealed bids for culvert work, hereinafter described, at the office of the Highway Commissioner located at 1425 South Wisconsin Drive, Jefferson, WI 53549.

Bids must be sealed and properly identified, giving the name and address of the bidder. Each bid must be in a separate container or envelope. ***The bids will be publicly opened and read by a representative of the Jefferson County Highway Department at 4:00 P.M. on Wednesday, October 4, 2023, in the Committee room of the Office of the Highway Commissioner.*** The proposals will be received, read, and considered subject to the provisions of Section 66.0901 of the Wisconsin Statutes and applicable provisions of the State of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, 2023 Edition.

PROPOSAL GUARANTEE: Each proposal must be accompanied by a bid bond, certified check, bank draft, or bank check in the amount of five percent (5%) of the total bid payable to the Jefferson County Treasurer as a guarantee that the bidder, if the bid is accepted, will execute and file the Contract within ten (10) days after the award of the contract. Certified checks shall be drawn on the account of the bidder submitting the proposal. In case the bidder fails to file such contract within the time set by Jefferson County, the bid bond or check will be forfeited to the County as liquidated damages pursuant to SS.62.15(3).

PERFORMANCE & PAYMENT BOND: A Performance & Payment Bond in the amount of 100 percent of the total bid price, a Certificate of Insurance, together with an executed contract will be required of the successful bidder, pursuant to SS. 779.14.

BID PACKAGE: A bid package may be obtained from the Jefferson County Highway Department, 1425 South Wisconsin Drive, Jefferson, WI 53549. **Plans and specifications can also be e-mailed to the Bidder.**

COMPETENCY OF BIDDERS: Unless otherwise specified in the advertisement, forms for bid proposals will not be issued to anyone who has not so established his/her qualification for the work to be bid upon. Any prospective bidder who has not so established his qualification must file with the Jefferson County Highway Department, not less than five days prior to the time set for the opening of bids, a sworn statement on a form furnished by the State of Wisconsin Department of Transportation, setting forth the financial ability, equipment, and experience of the prospective bidder. The Jefferson County Highway Department will evaluate this statement and will make such determination as it deems warranted with regard to the type and amount of work for which the forms for bid proposals will be issued to such prospective bidder.

BID REJECTION: The Jefferson County Parks Department reserves the right to reject any and all bids, waive any informalities in bidding, or to accept bids or portions of the bids, which best serves the interests of Jefferson County.

BY ORDER OF THE JEFFERSON COUNTY HIGHWAY DEPARTMENT

**BRIAN M. UDOVICH, P.E.
HIGHWAY OPERATIONS MANAGER**

GENERAL BIDDING PROCEDURE

**JEFFERSON COUNTY HIGHWAY DEPARTMENT
1425 SOUTH WISCONSIN DRIVE
JEFFERSON, WISCONSIN 53549**

To comply with the "Notice of Letting", the following General Bidding Procedure and Specifications are to govern.

All bids must be in the office of the Highway Commissioner, 1425 South Wisconsin Drive, Jefferson, Wisconsin, by the specified time. Bids must be sealed and properly identified, giving the name and address of the bidder. Each bid must be in a separate container or envelope.

All bids must be entered and submitted on the specified form of proposal and only such bids will be considered for award purpose by the Parks Department. The general bidding procedure, specifications, and proposal shall constitute the bid and must be attached in the above order.

CORRECTIONS OF ERRORS IN BIDS: Whenever any person shall submit a bid or proposal for the performance of public work under any public contract to be let by the municipality, board, public body, or officer thereof, who shall claim mistake, omission, or error in preparing his bid, the said person shall, before the bids are opened, make known the fact that he has made an error, omission, or mistake, and in such case his bid shall be returned to him unopened and the said person shall not be entitled to bid upon the contract at hand unless the same is readvertised and relet upon such advertisement. In case any such person shall make an error, omission, or mistake, and shall discover the same after the bids are opened, he shall immediately and without delay give written notice and make known the fact of such mistake, omission, or error which has been committed and submit to the municipality, board, public body, or officers thereof, clear and satisfactory evidence of such mistake, omission, or error and that the same was not caused by any careless act or omission on his part in the exercise of ordinary care in examining the plans, specifications, and conforming with the provisions of this section, and in case of forfeiture, shall not be entitled to recover the moneys or certified check forfeited as liquidated damages unless he shall prove before a court of competent jurisdiction in an action brought for the recovery of the amount forfeited, that in making the mistake, error, or omission he was free from carelessness, negligence, or inexcusable neglect.

The Parks Department reserves the right to consider all proposals for a period of not exceeding sixty (60) days from the date of the bid opening. The Parks Department will either award the contract or reject all bids within sixty (60) days.

Each bidder will be allowed to have his representative appear before the Parks Committee to explain his bid and specifications of the product as bid. A time limit for each bidder may be established by the Department at the time of Letting for the purpose of explaining the bids and specifications.

INSTRUCTIONS TO BIDDERS

SPECIFICATIONS: The "State of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, 2023 Edition". Special provisions included in the bid package shall govern over the above mentioned Standard Specifications and Supplemental Specifications.

AFFIDAVIT OF PROPOSALS: The bidder or his/her authorized representative must execute the affidavit contained in the proposal.

WITHDRAWAL OF PROPOSALS: All proposals filed with the Jefferson County Parks Department will be kept secure and unopened and will not be allowed to pass out of the custody of a representative of the Department, except on written request of the bidder or his/her authorized representative made prior to the time set for the opening of bids. If such withdrawal is made, said person shall not be entitled to bid on the contract at hand unless the same is re-advertised and proposals are again requested upon such advertisement.

REJECTION OF QUOTES: The Jefferson County Parks Department reserves the right to reject any and all bids at any time, to waive any informalities or technicalities in bidding, and to accept bids or portions of the bids, which best serves the interests of Jefferson County.

ESTIMATE OF PRINCIPAL QUANTITIES: See attached bid form for the estimated quantities; lump sum bid item includes all labor, equipment, materials, and incidentals to remove the existing concrete box culvert and install the corrugated metal pipe & endwalls, as well as erosion control, backfill, and restoration.

START-UP AND COMPLETION: The bidder, if awarded this contract, agrees to start said project at a date mutually agreed upon by both parties (approximately October 10, 2023 to October 20, 2023). The project shall be completed within 60 calendar days.

LIQUIDATED DAMAGES: The OWNER and CONTRACTOR recognize that time is of the essence in this Agreement and that the OWNER will suffer financial loss if the Work is not completed within the time specified above. Should the Contractor fail to complete the work by the date specified above, liquidated damages shall be assessed in accordance with Section 108.11 of the State of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, 2023 Edition.

Bidder Qualifications

The bidder hereby certifies that the current qualifications for work of this type have been established with the Jefferson County Highway Department and the Wisconsin Department of Transportation, Division of Highways, as outlined in Subsection 102 of the Standard Specifications and the Special Provisions herein.

Signature of Authorized Representative

Type Name and Title of Authorized Representative

Date

Drug and Alcohol Testing Program

The bidder hereby certifies that they have implemented a drug and alcohol testing program in accordance with the Omnibus Transportation Employees Testing Act of 1991.

Signature of Authorized Representative

Type Name and Title of Authorized Representative

Date

INSURANCE REQUIRED

A. Insurance to be carried by Contractor

The Contractor, in order to protect himself and Jefferson County, shall not commence work under this Contract until he/she has obtained all the insurance required and such insurance has been approved by Jefferson County, nor shall the Contractor allow any subcontractor to commence work on his/her Subcontract until the insurance required of the Subcontractor has been so obtained and approved.

1. Worker's Compensation Insurance

The Contractor shall procure and shall maintain during the life of this Contract, Worker's Compensation Insurance as required by statute for all his/her employees to be engaged in work at the site of the project under this contract and, in case of such work sublet, the Contractor shall require the Subcontractor similarly to provide Worker's Compensation Insurance for all of the latter employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Worker's Compensation Insurance.

2. Contractor's Public Liability and Property Damage Insurance

The contractor shall procure and maintain during the life of this Contract, Contractors Public Liability Insurance in an amount not less than \$1,000,000 BI, \$1,000,000 PD, and \$1,000,000 PI. This shall be primary with Jefferson County as an "Additional Insured".

3. Automobile Liability Insurance

The Contractor shall procure and maintain during the life of this Contract, Comprehensive Automobile Liability Insurance covering owned, non-owned, and hired automobiles for limits of not less than: a combined single limit for BI and PD of \$1,000,000; and shall be primary with Jefferson County as an "Additional Insured".

4. Excess Liability (Umbrella) Insurance

The Contractor shall procure and maintain during the life of this Contract, Excess Liability (Umbrella) Insurance in an amount not less than \$1,000,000 General Aggregate/\$1,000,000 Each Occurrence; and shall be primary with Jefferson County as an "Additional Insured".

B. Subcontractor's Insurance

The Contractor shall either (1) require each of his Subcontractors to procure and maintain during the life of his subcontract, Subcontractors Public Liability Property Damage Insurance and Comprehensive Automobile Liability Insurance of the type and in the same amount specified in the preceding paragraphs; or (2) insure the activities of his Subcontractors in his own policy.

C. Certificates of Insurance

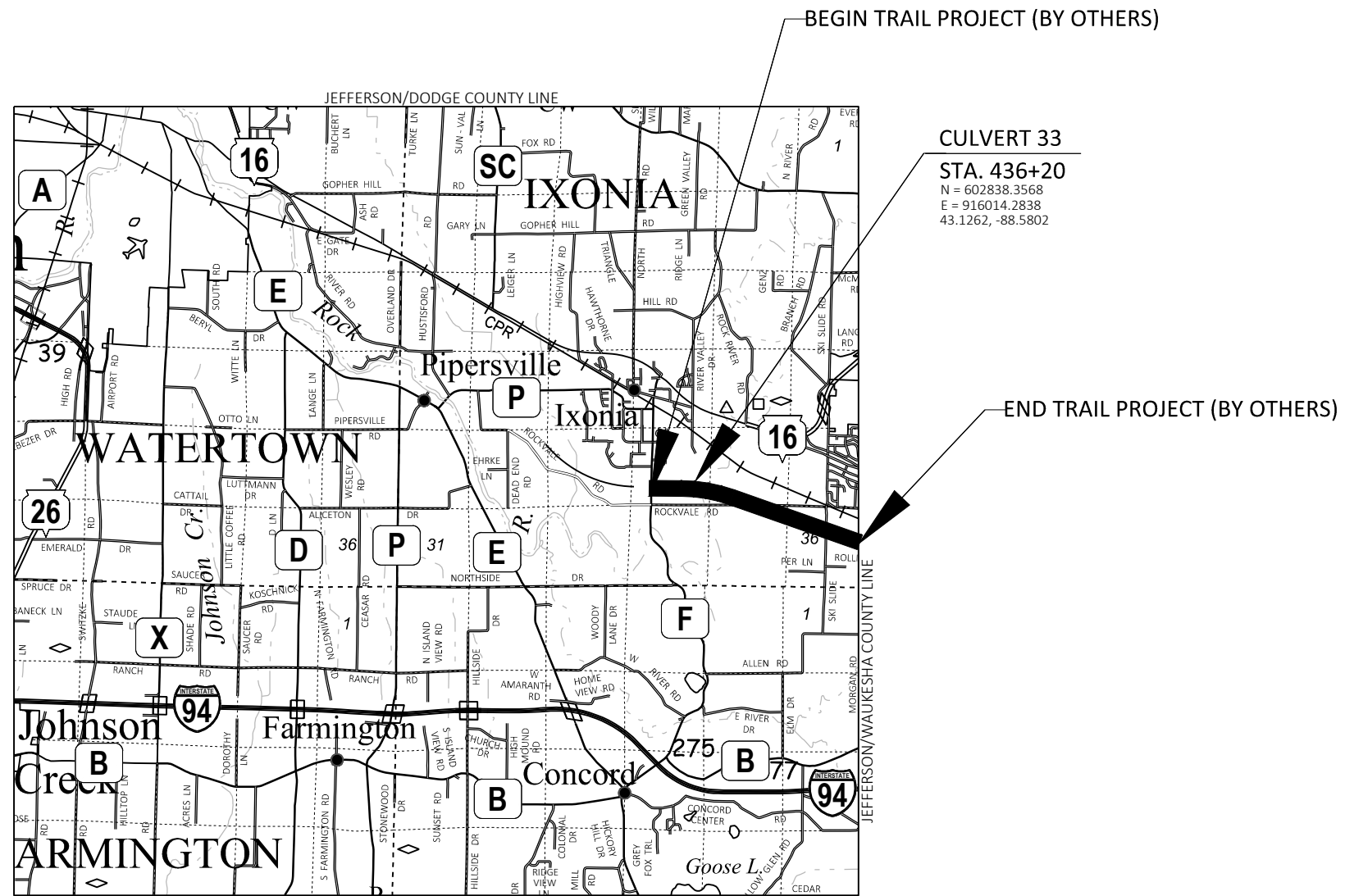
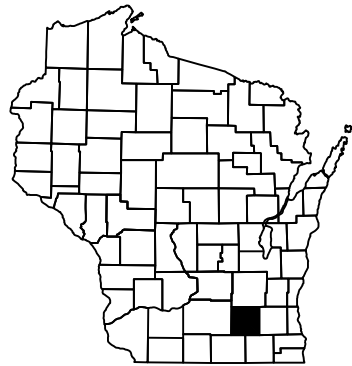
The Contractor and subcontractors shall furnish Jefferson County with certificates showing the type, amount, class of operations covered, effective dates, and dates of expiration of policies. Such certificates shall also contain substantially the following statement: The insurance covered by this certificate will not be canceled or materially altered, except after (10) days notice has been received by Jefferson County.

JEFFERSON COUNTY, INTERURBAN TRAIL PHASE 3, CULVERT 33 REPLACEMENT

CTH F TO COUNTY LINE

NON-HWY

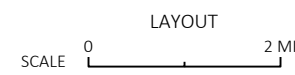
JEFFERSON COUNTY



CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
OVERHEAD	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, JEFFERSON COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012).

GENERAL NOTES

1. WORK TO REMOVE THE EXISTING CONCRETE BOX CULVERT SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN , CURRENT EDITION.
2. IF DEEMED NECESSARY, CONTRACTOR SHALL PROVIDE SUITABLE PUMPS, PIPING, AND/OR HOSES NECESSARY TO BYPASS PUMP.
 - a. PUMP SHALL BE LOCATED SO AS NOT TO INTERFERE WITH CONSTRUCTION.
 - b. TREATMENT OF BYPASS PUMPING DISCHARGE SHALL NOT BE REQUIRED.
3. IF DEEMED NECESSARY, CONTRACTOR SHALL SUBMIT DETAILED DEWATERING PLAN TO THE OWNER A MINIMUM OF 2 WEEKS PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY ADDITIONAL PERMITS REQUIRED FROM WDNR FOR DEWATERING.
4. THE CONTRACTOR SHALL HAUL AWAY AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL. THIS WORK IS INCIDENTAL TO PROJECT.
5. BEDDING AND BACKFILL SHALL BE CRUSHED STONE GRADE 2 IN ACCORDANCE WITH SECTION 209 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN, CURRENT EDITION. BACKFILL SHALL BE MECHANICALLY COMPACTED IN LIFTS NOT EXCEEDING 12 INCHES IN LOOSE THICKNESS.
6. WETLAND LIMITS ARE SHOWN BASED UPON INFORMATION PROVIDED BY HELIANTHUS LLC IN JUNE 2022.
7. CONTRACTOR SHALL SEGREGATE UPLAND FROM WETLAND TOPSOIL FOR RE-USE IN THE UPLAND AND WETLAND AREAS, RESPECTIVELY. STOCKPILING ONLY ALLOWED OUTSIDE OF WETLANDS WITH APPROPRIATE EROSION CONTROL.
8. SITE RESTORATION SHALL BE COMPLETED IMMEDIATELY (WITHIN 24 HOURS) FOLLOWING THE PLACEMENT OF THE CULVERT AND COMPLETION OF GRADING.
9. ALL DISTURBED AREAS, AS NOTED ON PLANS, SHALL BE COVERED WITH SALVAGED TOPSOIL, TEMPORARY SEED, SEED, AND EROSION MATTED UTILIZING EROSION MAT CLASS I TYPE B IN ACCORDANCE WITH THE WISDOT STANDARD SPECIFICATIONS.
 - a. UPLAND AREAS REQUIRE WISDOT SEED MIXTURE #20 APPLIED AT 6 POUNDS PER 1,000 SQUARE FEET AFTER APPLICATION OF 4 INCHES OF SALVAGED TOPSOIL.
 - b. SALVAGED TOPSOIL, SEED, AND EROSION MAT SHALL CONFORM TO SECTIONS 625, 630, AND 628, RESPECTIVELY, OF THE STATE SPECIFICATION AND THE WDNR TECHNICAL STANDARDS 1059 AND 1052.
 - c. SEEDING TEMPORARY REQUIRED ON SIDESLOPES APPLIED AT 3 POUNDS PER 1,000 SQUARE FEET PER THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN, CURRENT EDITION.
10. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES TO AVOID CONSTRUCTION DURING FORECASTED HEAVY PRECIPITATION EVENTS. CULVERT 33 IS DRY DURING NORMAL CONDITIONS.
11. MINIMUM PIPE THICKNESS FOR CORRUGATED STEEL PIPE 0.079 INCHES
12. REFERENCE THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN, CURRENT EDITION, SECTION 520.2.3 APRON ENDWALLS FOR CULVERT PIPE FOR ENDWALL MATERIAL SPECIFICATIONS.
13. FILL OVER TOP OF NEW CORRUGATED METAL PIPE TO MATCH ADJACENT ACCESS ROAD TOPOGRAPHY. THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT. FOLLOW THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN, CURRENT EDITION, SECTION 520.2.5 FOR BACKFILL SPECIFICATIONS. CRUSHED STONE TO BE TOP OF GRADE IN EXISTING ACCESS ROAD LOCATION.
14. ACCESS TO CULVERT 33 IS FROM THE EAST SIDE, FROM ROCKVALE ROAD, HEADING WEST ALONG THE WeENERGIES CORRIDOR AND CROSSING CULVERT 35. THERE IS NO ACCESS FROM THE WEST SIDE FROM CTH F AND THERE IS NO CROSSING STRUCTURE OVER THE ROCK RIVER. WANASEK CONTRACTORS IS REPLACING CULVERT 32 AND 35. CONTRACTOR TO COORDINATE ACCESS TO CULVERT 33 WITH WANASEK CONTRACTORS. COORDINATE WITH TOWN OF IXONIA FOR ACCESS FROM ROCKVALE ROAD.
15. THERE ARE OVERHEAD POWER LINES ALONG THE LENGTH OF THE CORRIDOR. THE OVERHEAD LINES ARE SUPPORTED BY H-POLES WITH AN APPROXIMATE 14-FEET CLEAR WIDTH. THE ATC OVERHEAD POWER LINE ELEVATION NEAR CULVERT 33 IS APPROXIMATELY 889' AT THE CONNECTION TO THE H-POLE. THE LINE SAG ELEVATION IS NOT KNOWN AND VARIES WITH TEMPERATURE. ATC OVERHEAD LINES TO REMAIN IN SERVICE. COORDINATE WITH UTILITY COMPANIES.
16. CULVERT LOCATION STAKING TO BE PERFORMED BY KL ENGINEERING INC.

NOTE: THIS PROJECT IS TO BE BID AS LUMP SUM. THIS LUMP SUM COST WILL COVER ALL WORK, MATERIALS, AND EQUIPMENT TO COMPLETE THE WORK SHOWN IN THE PLANS. ESTIMATED QUANTITIES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY IN ORDER TO PROVIDE BIDDERS AN IDEA OF THE SCOPE OF WORK.

ESTIMATE OF QUANTITIES: CULVERT 33

REMOVING STRUCTURE (33)	1 EA
EROSION MAT CLASS I TYPE B	48 SY
STAKED WATTLES	62 LF
SANDBAG COFFERDAM	2 EA
SALVAGED TOPSOIL	80 SY
SEED MIXTURE #20	4.5 LBS
96" CORRUGATED STEEL PIPE.....	24 LF
96" APRON ENDWALLS.....	2 EA
*CUT AND FILL INCIDENTAL TO REMOVING STRUCTURE ITEM	

CONTACTS

THE WANASEK CORPORATION
 ERIK JOHNSON, P.E.
 SENIOR PROJECT MANAGER
 29606 DURAND AVE
 BURLINGTON, WI 53105
 MOBILE: (414) 418-1216
 EMAIL: ejohnson@wanasek.com

WE ENERGIES
 MARINA RAYKH
 PCS PROJECT MANAGER
 SR. CIVIL ENGINEER
 333 W. EVERETT ST. A249
 MILWAUKEE, WI 53203
 PHONE: (414) 221-3983

JEFFERSON CO. HIGHWAY DEPT.
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TOWN OF IXONIA
 DENNIS LILLGE
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 IXONIA, WI 53036
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 EMAIL: dennisl@townofixonia.com





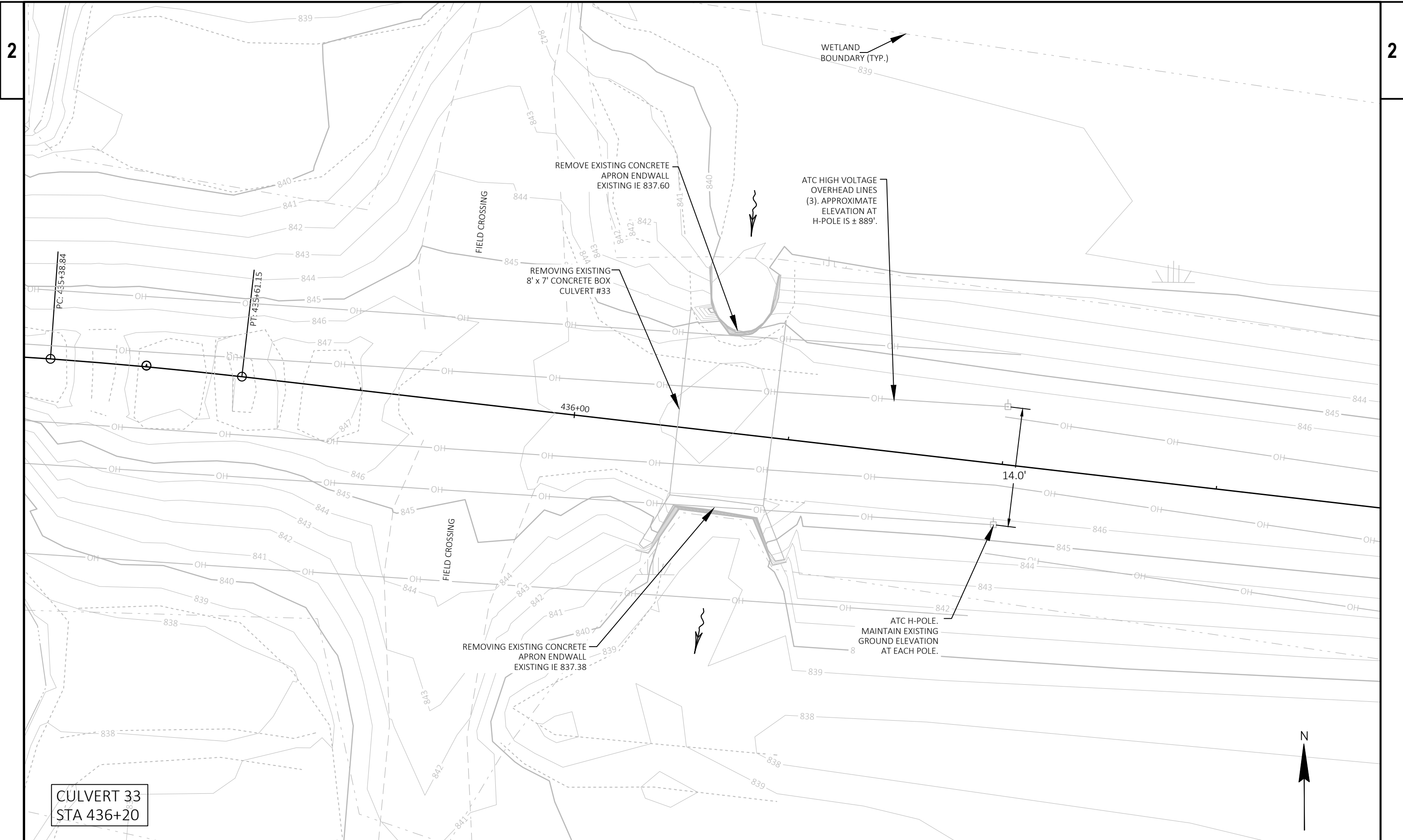
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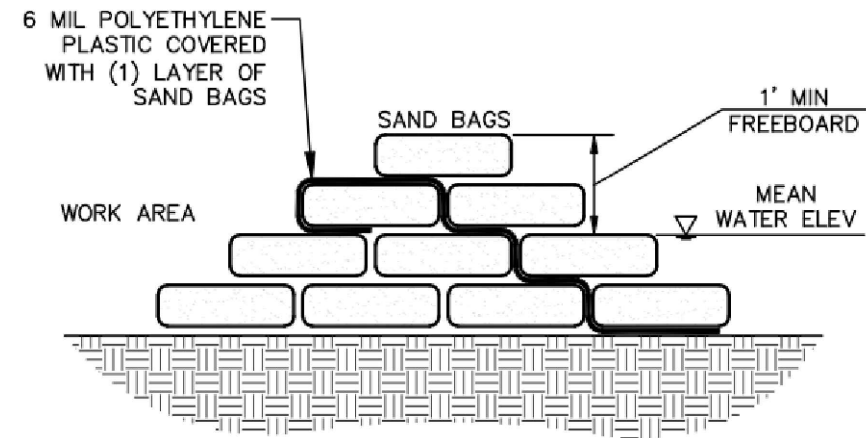
PROJECT NO: 3635-00-03	HWY: NON-HIGHWAY	COUNTY: JEFFERSON	PROJECT OVERVIEW	SHEET	E
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FILE NAME : G:\JEFFERSON COUNTY\22083-000 J1T PHASE 3 DESIGN\CIVIL 3D\SHEETSPLAN\COUNTY CULVERT 33\CULVERT 33 - PROJECT OVERVIEW.DWG PLOT DATE : 9/18/2023 2:56 PM PLOT BY : ARIELLE LEWIEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT WISDOT/CADD SHEET 42

LAYOUT NAME - Plan 1 IN 1000 FT

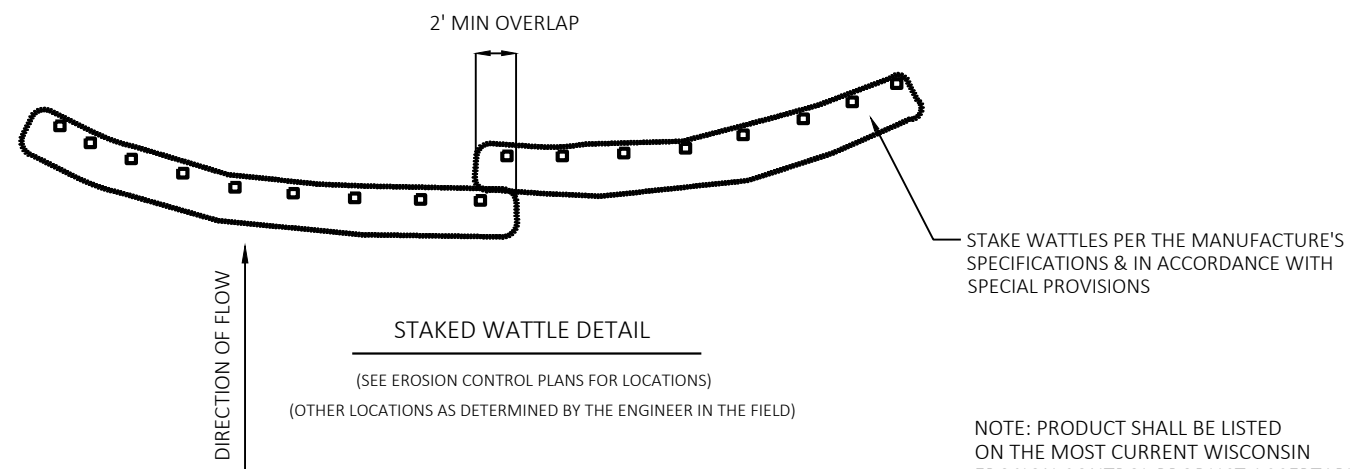


CULVERT 33
STA 436+20



SANDBAG COFFERDAM DETAIL

(SEE EROSION CONTROL PLANS FOR LOCATIONS)
(OTHER LOCATIONS AS DETERMINED BY THE ENGINEER IN THE FIELD)



STAKED WATTLE DETAIL

(SEE EROSION CONTROL PLANS FOR LOCATIONS)
(OTHER LOCATIONS AS DETERMINED BY THE ENGINEER IN THE FIELD)

STAKE WATTLES PER THE MANUFACTURE'S SPECIFICATIONS & IN ACCORDANCE WITH SPECIAL PROVISIONS

NOTE: PRODUCT SHALL BE LISTED ON THE MOST CURRENT WISCONSIN EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) AND APPROVED BY THE ENGINEER. PER ITEM 628.7504.

