



www.troyil.us

116 East Market / Troy, Illinois 62294

**Request for Bid
Turtle Creek Swale
City of Troy, IL**

BID RESPONSES MUST BE RECEIVED BY: 10:00am local time on Thursday April 4th, 2024.

The City of Troy seeks a qualified contractor for a water main and sanitary sewer replacement project. The Bid Packet may be obtained from our website at www.troyil.us (home page), or picked up at the Troy Municipal Building, 116 E. Market St, (Administration Office), Troy, IL. To bid the project, you must register as a plan-holder with the Assistant to the City Administrator Michele Colligan. Please contact Michele at 618-667-9924 ext.1 to register and/or for assistance in viewing, downloading, and working with this digital project information. All addenda will be posted on www.troyil.us.

Please submit any questions regarding this bid in writing to the City Engineer, Tom Cissell via email to:
tom.cissell@oatesassociates.com.

MAILING INSTRUCTION: Print or type Bid Title and Due Date on the lower left hand corner of the envelope or package. Delivered **SEALED BIDS** must be received in the Administration Office prior to **10:00am on April 4th, 2024**. Bids will be opened by the Purchasing Manager at the location listed below.

RETURN BID TO:
City of Troy Public Works
Attn: Tom Cissell
116 E. Market St.
Troy, IL 62294

By signing this cover page, the bidder shall hereby declare understanding, agreement and certification of compliance to provide the items and/or services, at the prices quoted, in accordance with all requirements and specifications contained herein and the Terms and Conditions. In addition, the bidder shall further agree that upon receipt of an authorized purchase order from the City of Troy or when a Contract Resolution is signed and issued by an authorized official of the City of Troy, a binding contract shall exist between the bidder and the City of Troy.

SIGNATURE REQUIRED / RETURN WITH BID

LEGAL NAME OF ENTITY/INDIVIDUAL FILED WITH IRS FOR THIS TAX ID NO.	DOING BUSINESS AS (DBA) NAME
MAILING ADDRESS	
CITY, STATE, ZIP CODE	
CONTACT PERSON	EMAIL ADDRESS
PHONE NUMBER	FAX NUMBER
TAXPAYER ID NUMBER (TIN)	TAXPAYER ID (TIN) TYPE (CHECK ONE) ____ FEIN ____ SSN
VENDOR TAX FILING TYPE WITH IRS (CHECK ONE) ____ Individual/Sole Proprietor ____ C Corporation ____ S Corporation ____ Partnership ____ LLC, Class ____ Other	
AUTHORIZED SIGNATURE	DATE
PRINTED NAME	TITLE

The City of Troy reserves the right to accept or refuse any or all bids.

Administration: 618 667 6741 Fax: 618 667 4009 | Public Works Dept.: 618 667 9924 | Building & Zoning Dept.: 618 667 8734

CITY OF TROY, ILLINOIS
GENERAL TERMS AND CONDITIONS OF BIDDING

1. **Opening Location:** Sealed proposals will be received at City of Troy Municipal Building, 116 E. Market. St., Troy, IL 62294, until the proposal closing date and time indicated above.
2. **Opening of advertised proposals:** The vendor and public are invited, but not required, to attend the opening of proposals. No decision related to an award of a contract or purchase order will be made at the opening.
3. **Submittal of Proposals:** Proposals must be submitted in a sealed envelope identified with the bid title and date of closing on the outside. Facsimile, telephone and email proposals will NOT be considered. Proposals will not be accepted after the due date and time.
4. All proposals shall be submitted FOB Destination Troy, Illinois 62294, freight prepaid (unless otherwise stated).
5. **Prices Bid:** Provide a lump sum amount for the total work required on the plans. The quantities indicated represent the designer's estimation of the MAJOR WORK ITEMS involved and most small/incidental work items are not included for brevity. Quantity takeoffs are provided for information only. This is a lump sum bid and will be paid as such. Costs for an itemized list of pay items is requested in order to establish a schedule of values as a basis for payment. In case of discrepancy, the sum of the itemized amounts will be used to determine the total lump sum bid.
6. **Taxes:** Do NOT include Federal Excise Tax or Sales and Use Tax in the bid prices, as the City is exempt from them by law. Tax Exemption Certificate will be furnished if required.
7. **Estimated Quantities:** The estimated quantities indicated in this Request for Proposal represent anticipated requirements only. The right is reserved to exceed or diminish these estimates.
8. **Bid Forms, Variances, and Alternates:** Bids must be submitted on attached City bid forms, although additional information may be attached. Bidders must indicate any variances from the City requested specifications and/or terms and conditions, on the Affidavit of Compliance. Otherwise, bidders must fully comply with the City requested specifications and terms and conditions. Alternate Bids may or may not be considered at the sole discretion of the City of Troy.
9. **"Or Equal" Interpretation:** When a particular manufacturer's name or brand is specified along with the words "or equal", Quotations will be considered on other brands or the product of other manufacturers. On all such Quotations the bidder shall indicate clearly the product (brand and model number) on which he is bidding, and shall supply a sample or sufficient data in detail to enable an intelligent comparison to be made with the particular brand or manufacturer specified. Catalog cuts and technical descriptive data shall be attached to the original copy of the quote where applicable. Failure to submit the above information may be sufficient grounds for the rejection of quote.
10. **Withdrawal of Bids:** Bids or proposals may be revised, modified, or withdrawn by the bidder at any time prior to opening. Any such revision, modification, or withdrawal shall be in writing. After the bids are opened, they shall be irrevocable for the period sixty (60) days. Bids or proposals may not be withdrawn or revised after opening unless specified in the RFP.
11. **Clarification and Addenda:** Each bidder shall examine all Bid documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries or suggestions, concerning interpretation, clarification, or additional information pertaining to the Request for Proposal shall be made through the Administration Office in writing or through email. The Administration Office shall not be responsible for oral interpretations given by any City employee, representative, or others. The issuance of written addenda is the official method whereby interpretation, clarification, or additional information can be given. It shall be the responsibility of each bidder, prior to submitting their Bid, to contact the City Engineer's Office at phone number 618-581-1036 or tom.cissell@oatesassociates.com to determine if addenda were issued and to make such addenda a part of their Bid. Any and all addendums will be posted on the City's web site (www.troyil.us) under Current Bid Opportunities.

12. **Contract Forms:** Any agreement, contract, or purchase order resulting from the acceptance of a Bid shall be on forms either supplied by or approved by the City.
13. **Reserved Rights:** The City reserves the right to make such investigations as it deems necessary to make the determination of the bidder's responsiveness and responsibility. Such information may include, but shall not be limited to: current financial statement, verification of availability of equipment and personnel, and past performance records.
14. **The Right to Audit:** The bidder agrees to furnish supporting detail as may be required by the City to support charges or invoices, to make available for audit purposes all records covering charges pertinent to the purchase, and to make appropriate adjustments in the event discrepancies are found.
15. **Applicable Law:** All applicable laws and regulations of the State of Illinois and the City will apply to any resulting agreement, contract, or purchase order. Further, any and all disputes arising out of and/or related in any way to this RFB process or any contract executed after bid acceptance. and/or the work at issue which is the subject of this RPB, shall be filed exclusively in the Circuit Court for the Third Judicial Circuit, Madison County, Illinois.
16. **Right to Protest:** Protestors shall seek resolution of their complaints initially with the City Administration Office. Any protest must state the basis upon which the solicitation or award is contested and shall be submitted within ten (10) calendar days after such aggrieved person knew or could have reasonably been expected to know of the facts giving rise thereto.
17. **Quality Guaranty:** If any product delivered does not meet applicable specifications or if the product will not produce the effect that the bidder represents to the City, the bidder shall pick up the product from the City at no expense. Also, the Bidder shall refund to the City any money which has been paid for same. The bidder will be responsible for any and all costs and attorney fees in the event the bidder defaults and court action is required.
18. **Quality Terms:** The City reserves the right to reject any or all materials if, in its judgment, the item reflects unsatisfactory workmanship, manufacturing, or shipping damages.
19. **No-Bid:** In the event you are unable to quote on this requirement, please return the "No-bid Response Form", on or before the bid closing date. Please indicate the reason(s) you are unable to participate in this solicitation.
20. **Bid Tabulation:** Bidders may request a copy of the bid tabulation of the Request for Bid through the City's Administration Office.
21. **Expenses:** All expenses for making Proposals to the City of Troy are to be borne by the bidder.
22. **Collusion:** By offering a submission to this Request for Bid, the bidder certifies the bidder has not divulged, discussed, or compared the Bid with other bidders and has not colluded with any other bidder or parties to this RFB whatsoever. Also, the bidder certifies, and in the case of a joint Bid, each party thereto certifies as to their own organization, that in connection with this RFB:
 - a. Any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices and/or cost data, with any other bidder or with any competitor.
 - b. Any prices and/or cost data for this Bid have not knowingly been disclosed by the bidder and will not knowingly be disclosed by the bidder prior to the scheduled opening directly or indirectly to any other bidder or to any competitor.
 - c. No attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a Bid for the purpose of restricting competition.

- d. *The only person or persons interested in this Bid, principal or principals are named therein and that no person other than therein mentioned has any interest in this Bid or in the contract to be entered into.*
- e. *No person or agency has been employed or retained to solicit or secure the contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee exempting bona fide employees or established commercial agencies maintained by the Purchaser for the purpose of doing business.*

23. Liability and Indemnity:

- a. *In no event shall the City be liable to the Contractor for special, indirect, or consequential damages, except those caused by the City's gross negligence or willful or wanton misconduct arising out of or in any way connected with The RFB process or any contract executed after bid acceptance. The maximum liability of the City shall be limited to the amount of money to be paid or received by the City under any contract executed after bid acceptance.*
- b. *The Contractor shall defend, indemnify and save harmless the City, its elected or appointed officials, agents and employees from and against any and all liability, suits, damages, costs (including attorney fees), losses, outlays and expenses from claims in any manner caused by, or allegedly caused by, or arising out of, or connected with the RFP process or any contract executed after bid acceptance, including, but not limited to, claims for personal injuries, death, property damage, or for damages from the award of this contract to Contractor.*
- c. *The Contractor shall indemnify and hold the City harmless from all wages or overtime compensation due any employees in rendering services pursuant to any contract executed after bid acceptance, including payment of reasonable attorneys' fees and costs in the defense of any claim made under the Fair Labor Standards Act, the Illinois Prevailing Wage Law or any other federal or state law.*

24. Bid Information is Public: *All documents submitted with any bid or proposal shall become public documents and subject to Illinois State Statute 5 ILCS140/, which is otherwise known as the "Illinois Sunshine Law". By submitting any document to the City of Troy in connection with a bid or proposal, the submitting party recognizes this and waives any claim against the City of Troy and any of its officers and employees relating to the release of any document or information submitted. Each submitting party shall hold the City of Troy and its officers and employees harmless from any claims arising from the release of any document or information made available to the City of Troy arising from any bid opportunity.*

25. Authorized Product Representation: *The successful bidder(s) by virtue of submitting the name and specifications of a manufacturer's product will be required to furnish the named manufacturer's product. By virtue of submission of the stated documents, it will be presumed by the City that the bidder(s) is legally authorized to submit and the successful bidder(s) will be legally bound to perform according to the documents.*

26. Regulations: *It shall be the responsibility of each bidder to assure compliance with OSHA, EPA, Federal, State of Illinois, and City rules, regulations, or other requirements, as each may apply.*

27. Awards:

- a. *Unless otherwise stated in the Request for Proposal, cash discounts for prompt payment of invoices will not be considered in the evaluation of prices. However, such discounts are encouraged to motivate prompt payment.*
- b. *As the best interest of the City may require, the right is reserved to make awards by item, group of items, all or none, or a combination thereof; to reject any and all Bids or waive any minor irregularity or technicality in Bids received.*
- c. *Awards will be made to the Bidder whose Bid (1) meets the specifications and all other requirements of the Request for Proposal and (2) is the lowest and best Bid, considering price, delivery, responsibility of the bidder, and all other relevant factors.*

28. **Termination of Award:** Any failure of the bidder to satisfy the requirements of the City shall be reason for termination of the award. Any Bid may be rejected in whole or in part for good cause when in the best interest of the City.
29. **Budgetary Constraints:** The City reserves the right to reduce or increase the quantity, retract any item from the Bid, or upon notification, terminate entire agreement without any obligations or penalty based upon availability of funds.
30. **Insurance:** The city shall require all contractors performing public works projects or performing work on city property in connection with a contract or purchase order, to maintain insurance of the types and with limits of liability not less than those set out below at the contractor's expense during the term (including the warranty period) of the purchase order from insurers reasonably acceptable to the city covering items, risks and operations required to fulfill the contract or purchase order.
- a. Such policies shall name the City of Troy and Oates Associates as an additional named insured with limits of liability.
 - i. **Workers' compensation:** Insurance that the contractor is obliged by law to carry that covers all of contractor's employees performing work under this purchase order ("worker compensation").
 - ii. **Employer's liability insurance:** Employer's liability insurance with a minimum limit of \$1,000,000 per occurrence/\$2,000,000 aggregate. Such insurance shall protect the city as an alternate employer against claims asserted against the contractor by the contractor's workers as "borrowed servants," statutory employees or maritime employees ("employer' liability").
 - iii. **Commercial or comprehensive general liability insurance:** Commercial or comprehensive general liability insurance, including contractual liability coverage, with a minimum limit of \$2,000,000 per occurrence/\$5,000,000 aggregate.
 - iv. **Automobile liability insurance:** Automobile liability insurance with a combined bodily injury and property damage minimum limit of \$1,000,000 per occurrence/\$2,000,000 aggregate, for all owned and leased vehicles.
 - b. **Builders Risk Insurance** for contracts involving unoccupied structures. The Contractor shall secure All Risk Builder's Risk Insurance. Unless specifically authorized by the City, the amount of such insurance shall not be less than the total contract price. The policy shall name as insured the Contractor and the City of Troy.
 - c. **Subcontracts:** in case any or all of this work is sublet, the contractor shall require the subcontractor to procure and maintain all insurance required in subparagraphs (a) and (b) hereof and in like amounts. The contractor shall require any and all subcontractors with whom it enters a contract to perform work on this project to protect the City of Troy through insurance against applicable hazards or risks and shall, upon request from the City, provide evidence of such insurance.
31. **Requirement for Bid Security:** Bid Security shall be required for all formal Bids, requiring City Council approval, as set forth in the City of Troy's Purchasing Policy, for the purchase of Capital Improvement items, and City projects entailing engineering or construction. Bid security shall be a bond provided by a surety company authorized to do business in the State of Illinois, or the equivalent in cash, cashier's check or otherwise supplied in a form satisfactory to the City of Troy in an amount equal to 10% of the total amount of the bid. Failure to provide security, as set forth shall result in the City's rejection of bid.
32. **Withdrawal of Bids:** After the bids are opened, they shall be irrevocable for the period of up to sixty (60) days from bid opening date. If a bidder is permitted to withdraw its bid before the opening of bids, no action shall be taken against the bidder or the bid security.
33. **Correction or Withdrawal of Bids:** Correction or withdrawal of inadvertently erroneous bids after bid opening, or cancellations of awards or contracts based on such bid mistakes shall not be permitted and shall mandate forfeiture of Bid Performance Security to the City of Troy.

34. **Return of Bid Security:** *The City shall return the security bond to bidders who do not receive the bid. The City shall hold the security bid bond of the awarded bidder until Capital Improvement Project is delivered to the City of Troy or a 100% percent performance bond is issued to the City for awarded contractual services or project construction.*
35. **CONTRACT PERFORMANCE AND BOND PAYMENT:** *When a bid is awarded for contractual services or construction, a bond shall be delivered to the City of Troy and shall become binding on the parties upon the execution of the contract; such bond shall be a performance labor and materials bond satisfactory to the City of Troy, executed by a surety company authorized to do business in the State of Illinois or otherwise secured in a manner satisfactory to the City of Troy, in the amount equal to one hundred percent (100%) of the price specified in the contract. The requirement may be modified upon recommendation of the City Administration, City Council and approved by the City Attorney.*
36. **CONTRACT TERM:** *The term of this contract shall be for the duration and completion of this project.*
37. **COMPLETION TIME:** *The Contractor will be required to commence work under this contract within **Ten (10)** calendar days after the date of receipt by him of the Notice to proceed, to prosecute said work diligently and to complete the work by **July 31st, 2024 but once the work has been started it must be completed within 6 weeks of the start date.** The Contractor is required to provide a sufficient work force and construction management so that no time extension will be granted for delay of contract award, weather conditions, utility conflicts, excavation encountering rock, changing excavation quantities, or Contractor scheduling of equipment or construction progress. The Contractor shall have a superintendent or a responsible foreman on the project at all times when construction is in progress. Any claim for extension of time shall be made in accordance with the City of Troy General Conditions and Technical Specifications.*
38. *The project is not considered completed until final acceptance by the City of Troy.*

City of Troy, IL
Bid Form
Turtle Creek Swale

SUBMITTED BY: _____
(Company Name)

The pricing information is hereby provided in accordance with the Terms and Conditions of this ***Request for Bid.***

Base Bid	Description	Estimated Quantity	Lump Sum Cost
G1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	12 INCH	
G2	EARTH EXCAVATION	100 CU YD	
G3	TOPSOIL FURNISH & PLACE, 4" (SALVAGED)	380 SQ YD	
G4	SEEDING CLASS, 1A	3,420 SQ FT	
G5	TEMPORARY EROSION CONTROL BLANKET	380 SQ YD	
G6	PIPE PROTECTION	1 EACH	
G7	12" METAL FES	2 EACH	
G8	CONCRETE SWALE W/ FIBER REINFORCED CONCRETE, 6"	310 SQ YD	
G9	CONSTRUCTION LAYOUT	1 LSUM	
G10	MOBILIZATION	1 LSUM	
		BASE BID TOTAL	\$

*Note: These quantities represent the Designer's estimation for the **Major work items** involved and most small/incidental work items are not included for brevity.

Quantity takeoff and the unit cost spreadsheet are provided for information only. This is a lump sum bid and will be paid as such. Unit costs and pay items are requested in order to establish a schedule of values to establish a basis for payment.

Onsite Visit Made by: NOT REQUIRED	Date	
Upon notice to proceed, contractor will complete the project in (calendar days)		
Bid Security enclosed: (10% of total bid)		

The quantities reported above and on the previous page shall be verified by the contractor before bidding. The City provides no warranty to their accuracy so the bidder shall consider them for information only when preparing the bid. Work is lump sum based on the work shown on the plans and described in the special provisions.

The City of Troy reserves the right to accept or refuse any or all bids.

RETURN WITH BID

VENDOR REFERENCES:

The proposal must include the following information:

1. List at least three (3) references for whom you have performed similar products/services for other public entities, local governments, or private companies.

Company Name: _____

Address: _____

Contact Person: _____

Telephone #: (____) _____

Company Name: _____

Address: _____

Contact Person: _____

Telephone #: (____) _____

Company Name: _____

Address: _____

Contact Person: _____

Telephone #: (____) _____

2. State how long you have been operating under your present company name?

3. Have you ever defaulted on a contract? _____

4. If so, where and why? _____

RETURN WITH BID

Affidavit of Compliance

Turtle Creek Swale

To be submitted with Vendor's proposal.

_____ We DO NOT take exception to the RFP documents/requirements.

_____ We TAKE exception to the RFP Documents/Requirements as follows:

I have carefully examined the Request for Proposal and agree to abide by all submitted pricing, delivery, terms and conditions of this Quotation unless otherwise stipulated herein.

Company Name: _____

By: _____

(Authorized person's signature)

(Print name and title of signer)

Company Address: _____

Telephone Number: _____ Federal Tax ID No.: _____

ADDENDA

Bidder acknowledges receipt of the following addendum:

Addendum No. _____

Addendum No. _____

Addendum No. _____

RETURN WITH BID

City of Troy
“No-Bid Response Form”
Turtle Creek Swale

COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO SUBMIT A PROPOSAL RESPONSE.

If you do not wish to respond to this proposal request, but would like to remain on the City of Troy vendor list, please fill out this form and return to the City Engineer by email.

RETURN TO: Tom Cissell, City Engineer
Email: tom.cissell@oatesassociates.com

We the undersigned have declined to bid on your proposal for the following reasons:

- ☐ Insufficient time to respond to invitation for bid.
- ☐ We do not offer this product/s or equivalent.
- ☐ Unable to meet specifications.
- ☐ Unable to meet insurance requirements.
- ☐ Our schedule would not allow us to perform.
- ☐ Specifications are too “tight”, i.e. geared towards one brand or manufacturer.
- ☐ Specifications unclear.
- ☐ Other (please specify below).

Comments: _____

VENDOR INFORMATION:

Company Name: _____
Signature and Title: _____
Phone #: _____
Email: _____

RETURN WITH BID

TURTLE CREEK SWALE

CITY OF TROY

116 E. MARKET STREET

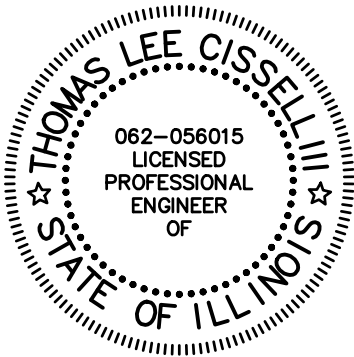
TROY, IL 62294

ENGINEERS



100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200
www.oatesassociates.com

Collinsville St. Louis Belleville St. Charles
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



PROJECT MANAGEMENT & CIVIL ENGINEER:

OATES ASSOCIATES, INC.
EASTPORT BUSINESS CENTER 1
100 LANTER COURT, SUITE 1
COLLINSVILLE, ILLINOIS 62234

CONTACT: TOM CISELL, PE
PROJECT MANAGER
618.345.2200
Tom.Cisell@oatesassociates.com

OWNER:

THE CITY OF TROY
116 EAST MARKET STREET
TROY, ILLINOIS 62294

CONTACT: JAY KEEVEN
CITY ADMINISTRATOR
618.667.9924
jkeeven@troyil.us

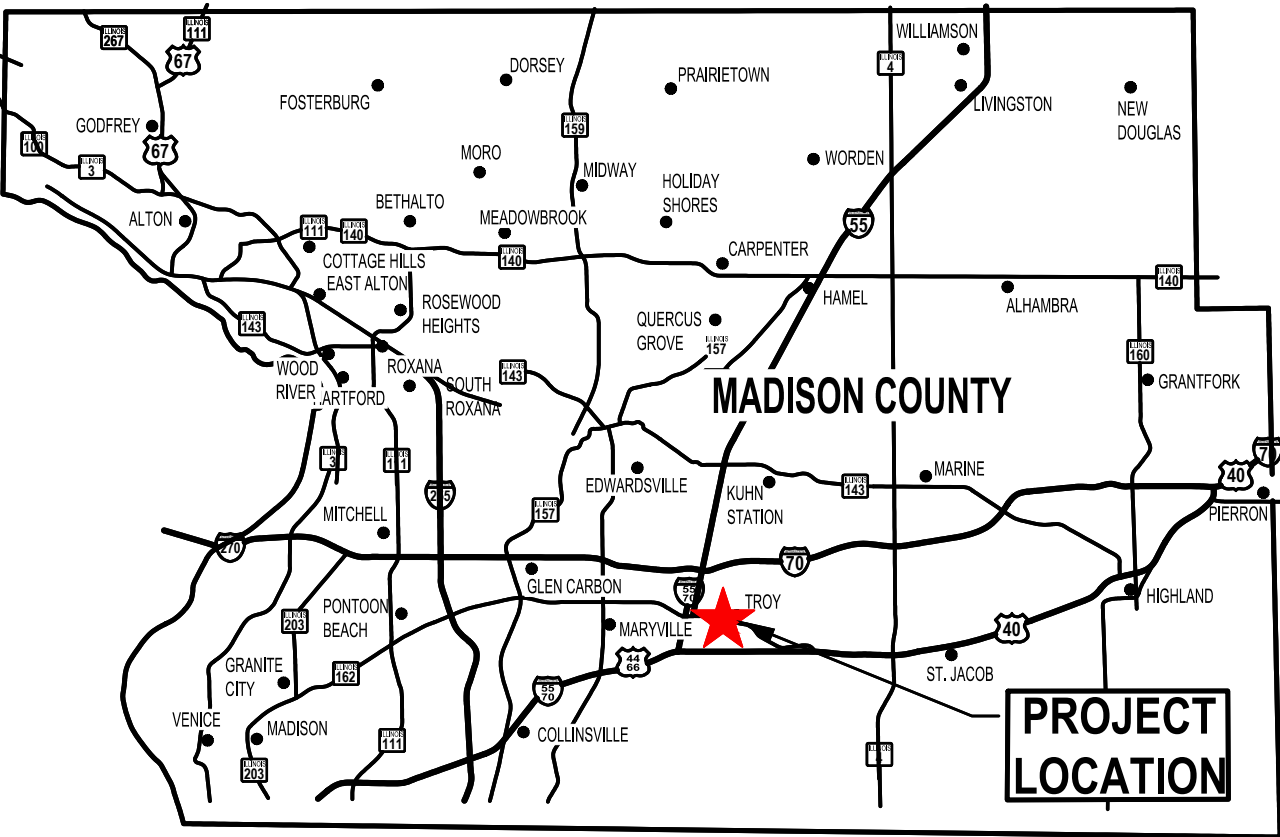
INDEX OF DRAWINGS

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- 2.....GENERAL NOTES
- 3.....SPECIFICATIONS
- 4-5.....PLAN SHEETS
- 6.....DETAILS
- 7-9.....CROSS SECTIONS

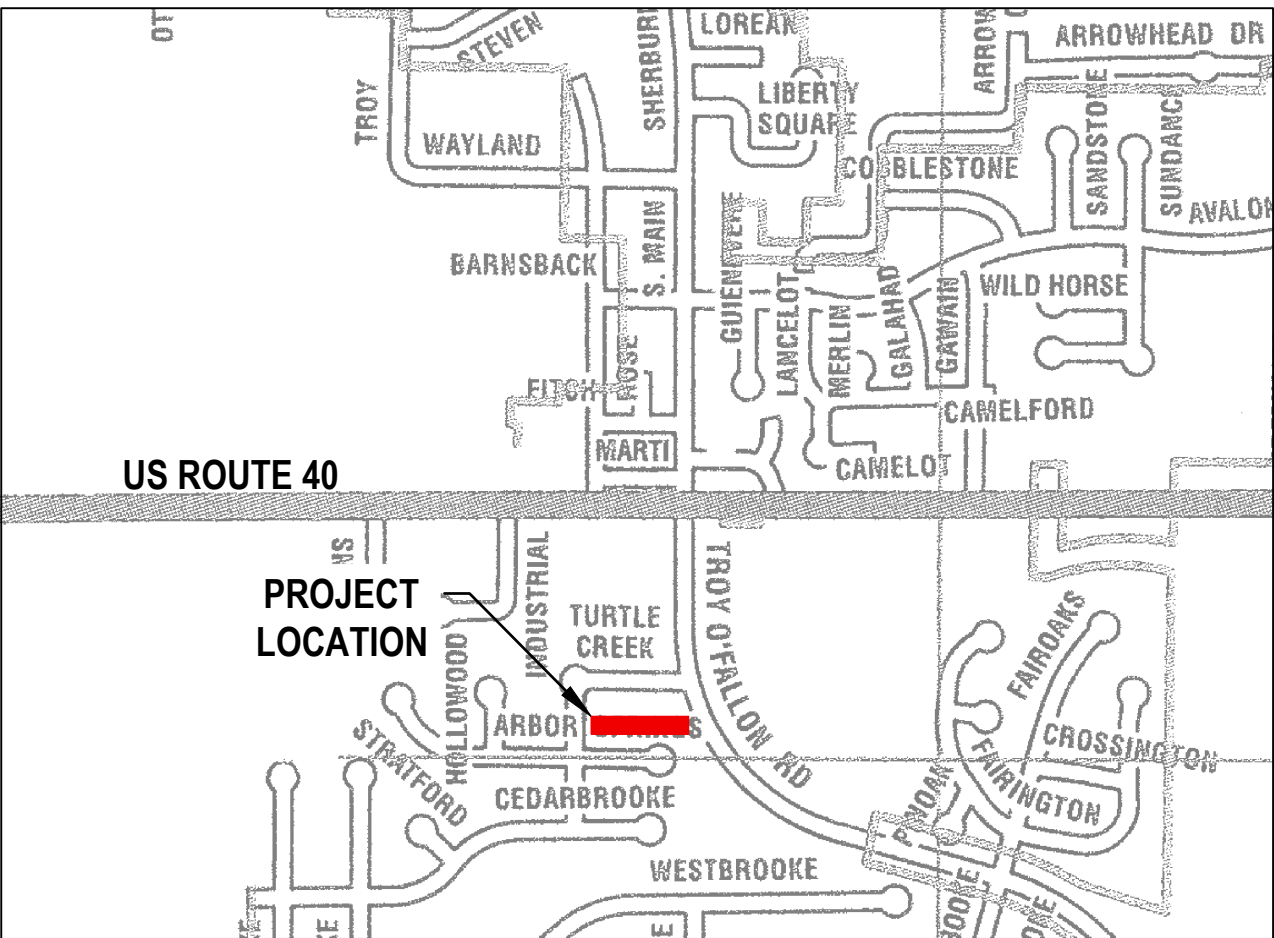
ABBREVIATIONS

AGG	AGGREGATE	EOP	EDGE OF PAVEMENT	OD	OUTSIDE DIAMETER
AI	AREA INLET	ESMT	EASEMENT	PERM	PERMANENT
ALT	ALTERNATE	ETR	EXISTING TO REMAIN	PL	PROPERTY LINE
APPROX	APPROXIMATE	EX	EXISTING	PVC	POLYVINYL CHLORIDE PIPE
BLDG	BUILDING	EXP	EXPANSION	PVMT	PAVEMENT
BM	BENCHMARK	FES	FLARED END SECTION	QTY	QUANTITY
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)	FF	FINISHED FLOOR	R	RADIUS
CATV	CABLE TELEVISION	FL	FLOW LINE	RCP	REINFORCED CONCRETE PIPE
CB	CATCH BASIN	FO	FIBER OPTIC	RD	ROOF DRAIN
CI	CURB INLET	FT	FEET	ROW	RIGHT OF WAY
CJ	CONTROL JOINT	FV	FIELD VERIFY	S	SOUTH
CL	CENTERLINE	GI	GRATE INLET	SAN	SANITARY
CLF	CHAIN LINK FENCE	GND	GROUND	SEW	SEWER
CMP	CORRUGATED METAL PIPE	HDPE	HIGH DENSITY POLYETHYLENE	SF	SQUARE FEET
CO	CLEANOUT	HMA	HOT-MIX-ASPHALT	SHT	SHEET
COM	COMMUNICATIONS	ID	INSIDE DIAMETER	STA	STATION
CONC	CONCRETE	IN	INCHES	STD	STANDARD
CONST	CONSTRUCTION	INV	INVERT	STM	STORM
CP	CONTROL POINT	JB	JUNCTION BOX	SY	SQUARE YARD
CTR	CENTER	LF	LINEAR FEET	TBA	TO BE ADJUSTED
CY	CUBIC YARD	MAT	MATERIAL	TBR	TO BE REMOVED
DIA	DIAMETER	MAX	MAXIMUM	TBS	TO BE SAVED
DND	DO NOT DISTURB	MECH	MECHANICAL	TBRL	TO BE RELOCATED
DS	DOWN SPOUT	MH	MANHOLE	TBV	TO BE VACATED
DTL	DETAIL	MIN	MINIMUM	TCE	TEMPORARY CONSTRUCTION
E	EAST	MISC	MISCELLANEOUS	TEL	TELEPHONE
EA	EACH	N	NORTH	TYP	TYPICAL
EJ	EXPANSION JOINT	NF	NOW OR FORMERLY	UIP	USE IN PLACE
EL	ELEVATION	NIC	NOT IN CONTRACT	UTIL	UTILITIES
ELEC	ELECTRIC	NO	NUMBER	VCP	VETRIFIED CLAY PIPE
ENGR	ENGINEER	NTS	NOT TO SCALE	W	WIDTH OR WEST
		OC	OIL AND CHIP		

VICINITY MAP



LOCATION MAP



LEGEND

EX	NEW	
		SIGN (TRAFFIC)
		SIGN (ADVERTISEMENT)
		TELEPHONE / POWER POLE
		LIGHT POLE
		ANCHOR POLE
		GUY WIRE
		FIRE HYDRANT
		GAS VALVE
		WATER VALVE
		ELECTRIC METER
		GAS METER
		TELEPHONE BOX
		ELECTRIC BOX
		MAILBOX
		CLEANOUT

LINETYPES

EX	NEW	
		WATER LINE
		GAS LINE
		TELEPHONE LINE
		OVERHEAD ELECTRIC LINE
		ELECTRIC LINE
		FIBER OPTIC LINE
		STORM SEWER
		SANITARY SEWER
		FENCE LINE
		TREE LINE
		CONTOUR LINE
		LIMITS OF CONST

03/05/2024 - BID DOCUMENTS

GENERAL NOTES

UTILITIES

1. EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
2. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. THE COST OF ANY NECESSARY RELOCATIONS SHALL BE INCURRED BY THE OWNER UNLESS NOTED OTHERWISE AND IF PRIOR AGREEMENTS ARE NOT IN PLACE.
3. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E. UNLESS NOTED OTHERWISE.

AMEREN IP (GAS & ELECTRIC)	AT&T (TELEPHONE)
2600 NORTH CENTER STREET	160 WEST DIVISION STREET
MARYVILLE, IL 62062	MARYVILLE, IL 62026
(618) 301-5305	(618) 570-9572

CHARTER COMMUNICATIONS (COMMUNICATIONS)	CITY OF TROY (WATER & SANITARY)
815 CHARTER COMMONS	116 EAST MARKET STREET
TOWN & COUNTRY, MO 63017	TROY, IL 62294
(636) 232-1398	(618) 667-9924

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE OWNER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS
PHONE: 800-892-0123

4. THE CONTRACTOR SHALL KEEP ALL UTILITIES IN SERVICE DURING CONSTRUCTION OPERATIONS. MEANS & METHODS TO ACCOMPLISH THIS ARE THE CONTRACTOR'S RESPONSIBILITY, BUT SOME EXAMPLES INCLUDE POTHOLING TO AVOID DISRUPTION, SHORING TO LIMIT EXCAVATION, PUMPING TO MAINTAIN FLOW, AND TEMPORARY SUPPORTING TO MAINTAIN STABILITY.
5. SHOULD UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION, THE CONTRACTOR SHALL CONSULT WITH THE UTILITY OWNER AND ENGINEER IMMEDIATELY FOR DIRECTIONS. THE CONTRACTOR SHALL COOPERATE WITH THE SERVICES AND FACILITIES IN OPERATION AND REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER. IF THE UTILITY OWNER IS FOUND NOT RESPONSIBLE, THE COST TO REPAIR DAMAGED UTILITIES UNCHARTED OR INCORRECTLY CHARTED WILL BE CONSIDERED AN UNFORESEEN CONDITION AND WILL BE PAID FOR AT AN AGREED UPON PRICE OR ON A TIME AND MATERIAL BASIS.

GENERAL

6. ALL SITE WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS INCLUDING THE CITY OF TROY'S MUNICIPAL CODE AND WITH THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND "HIGHWAY STANDARDS", IN SO FAR AS THEY APPLY, EXCEPT THAT ALL REFERENCES TO MEASUREMENT AND PAYMENT SHALL BE DELETED.
7. IF THERE ARE ANY DISCREPANCIES BETWEEN THESE PLANS, SPECIFICATIONS, OR STANDARDS BY GOVERNING BODIES, THE MOST STRINGENT AND RELEVANT REQUIREMENT SHALL BE BINDING AND APPLICABLE.
8. UNLESS OTHERWISE INDICATED, THE COST OF WORK REQUIRED UNDER ANY GENERAL, PLAN, OR KEYED NOTE WILL NOT BE PAID FOR SEPARATELY, BUT IT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.
9. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO ACCOMPLISH THE WORK. NO CONSTRUCTION ACTIVITIES SHALL BE PERFORMED UNTIL ALL NECESSARY PERMITS HAVE BEEN SECURED. THE COST OF THE PERMITS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
10. ALL CONSTRUCTION SHALL CONFORM TO THE PLANS AND SPECIFICATIONS. IF THE CONTRACTOR CHOOSES TO MAKE MODIFICATION DURING CONSTRUCTION, EVEN IF THE WORK IS AFFECTED BY OMISSION OR DISCREPANCY, WITHOUT THE APPROVAL OF THE ENGINEER, HE/ SHE IS MAKING SUCH CHANGES AT HIS/ HER OWN RISK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY CHANGES FROM THE APPROVED DOCUMENTS.
11. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION LAYOUT AND MATERIAL TESTING NECESSARY TO COMPLETE THE PROJECT TO THE PLANS AND SPECIFIED TOLERANCES.
12. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR THE OWNER'S RECORDS.
13. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, INCLUDING POTHOLING POTENTIAL UTILITY CONFLICTS, PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
14. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE CONSTRUCTION SITE FREE OF DEBRIS AT ALL TIMES AND SHALL KEEP DIRT/ MUD OFF ALL PUBLIC STREETS ADJACENT TO THE CONSTRUCTION SITE.
15. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
16. THE CONTRACTOR SHALL FERTILIZE, SEED, AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, EXCEPT AS NOTED OTHERWISE IN THE PLANS. FERTILIZER, SEED, AND MULCH WITHIN THE CONSTRUCTION LIMITS AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING, AND MULCH OUTSIDE THESE LIMITS DUE TO CONSTRUCTION ENCROACHMENTS SHALL BE RESTORED TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE CONTRACTOR.

17. IF INDICATED, A PORTION OF THE CONSTRUCTION SITE MAY BE USED AS A STAGING AND CONTRACTOR PARKING AREA. IF SIDEWALKS, LAWNS, DRIVEWAYS, OR ANY OTHER AREA WITHIN OR IN THE HAUL PATH FROM THE STAGING AREA ARE DAMAGED BY THE CONTRACTOR, THEY SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
18. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED ON THE PROPOSED CONSTRUCTION SITE AND NOT ON ANY PUBLIC STREET OR RIGHT OF WAY OUTSIDE THE DESIGNATED CONSTRUCTION ZONE.
19. THE CONTRACTOR SHALL PROVIDE A PORTABLE RESTROOM FACILITY WITHIN THE CONSTRUCTION LIMITS. ADJACENT BUILDING RESTROOMS ARE NOT AVAILABLE FOR USE.
20. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SIGNS AND BARRICADES AT THE PROJECT ENTRANCES TO PREVENT PUBLIC ENTRY. ALL MATERIAL PILES, EQUIPMENT, OPEN EXCAVATIONS OR THEIR OBSTRUCTIONS, OR HAZARDS TO MOTORISTS OR PEDESTRIANS SHALL BE ENCLOSED BY FENCES OR PROTECTED BY BARRICADES. BARRIER SHALL BE EITHER 4' TALL SNOW FENCE WITH T-POSTS SPACED ON 5' CENTERS, CHAIN LINK FENCE ON STANDS, OR OTHER PRE-APPROVED METHODS. CAUTION TAPE IS NOT CONSIDERED ADEQUATE TO PROTECT EXCAVATIONS.
21. THE CONTRACTOR SHALL GUARANTEE ALL WORK, MATERIALS, AND LABOR ASSOCIATED WITH THIS WORK FOR A PERIOD OF ONE (1) YEAR.

EARTHWORK & GRADING

22. FINAL PAYMENT ON RETAINAGE WILL NOT BE MADE UNTIL THE LAWN HAS ESTABLISHED TO A 95% LEVEL WITH NO INDIVIDUAL BARE SPOTS LARGER THAN 6"X6" IN SIZE AFTER ONE GROWING SEASON (APRIL TO MAY OR SEPTEMBER TO OCTOBER).
23. DURING GRADING OPERATIONS, THE SURFACE SHALL BE SMOOTH AND NOT BE LEFT TO IMPOUND WATER IF THERE MAY BE RAIN PRIOR TO THE NEXT WORKING DAY. IF THE SURFACE IS FINISHED SMOOTH FOR ANY REASON, IT SHALL BE SCARIFIED BEFORE PROCEEDING WITH THE PLACEMENT OF SUCCEEDING EARTH LIFTS.
24. DEWATERING OF EXCAVATION AREAS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
25. THE CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION FROM NEW AREAS TO ADJACENT, EXISTING AREAS AS NECESSARY.

DRAINAGE

26. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE PIPE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF PIPE. FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
27. ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT LUMP SUM FOR THE METAL END SECTIONS INCLUDED IN THE CONTRACT.

EROSION CONTROL

28. THE CONSTRUCTION OF THIS PROJECT IS NOT GOVERNED BY THE CONDITIONS OF THE GENERAL NPDES STORMWATER PERMIT ISSUED BY I.E.P.A. DIVISION OF WATER POLLUTION CONTROL. HOWEVER, AN "EROSION CONTROL PLAN" HAS BEEN PREPARED BY THE ENGINEER IN CONJUNCTION WITH THIS PLAN SET. THE PLAN SHEETS CONTAIN INFORMATION SUCH AS REQUIRED SEQUENCE OF CONSTRUCTION, SEED, FERTILIZER AND LIME APPLICATION RATES AND PROCEDURES, AND PROVISION FOR MAINTENANCE OF EROSION CONTROL STRUCTURES AND MEASURES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP A COPY OF THE PLAN AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES, AND TO ENSURE COMPLIANCE WITH THE PLAN.
29. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILTATION CONTROL, AS NEEDED, TO PREVENT SILTATION OF OFF SITE PROPERTIES, UNTIL THE VEGETATION IN ALL DISTURBED AREAS HAS BEEN ESTABLISHED (75% COVERAGE OR MORE), AT WHICH TIME HE/SHE SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY SILTATION CONTROL AND REPAIR OF ANY ERODED AREAS. EROSION CONTROL MEASURES SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH APPLICABLE PLAN DETAILS AND THE ILLINOIS URBAN MANUAL. NO CONSTRUCTION ACTIVITIES SHALL BE PERFORMED UNTIL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED ON AND ADJACENT TO THE PROJECT SITE.
30. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES BY WATERING DUE TO THE PROXIMITY OF ADJACENT BUILDINGS. THE CONTRACTOR SHALL WATER THE SITE FREQUENTLY AS NEEDED AND IF DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
31. DITCH CHECKS MAY BE REQUIRED TO CONTROL EROSION DURING CONSTRUCTION. WHEN REQUIRED BY THE OWNER, DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCelsior, SILT WEDGES, OR OTHER PRE-APPROVED MATERIALS. HAY BALES SHALL NOT BE PERMITTED. TEMPORARY EROSION CONTROL SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

PROJECT SPECIFICATIONS:

THE FOLLOWING SPECIAL PROVISIONS SUPPLEMENT THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", JANUARY 1, 2022, "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" 8TH EDITION, THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "MANUAL OF TEST PROCEDURES OF MATERIALS" IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS, WHICH APPLY TO AND GOVERN THE CONSTRUCTION OF PUBLIC SAFETY BUILDING MODIFICATIONS IN TROY, ILLINOIS, AND IN CASE OF CONFLICT WITH ANY PART, OR PARTS, OF SAID SPECIFICATIONS, THE SAID SPECIAL PROVISIONS SHALL TAKE PRECEDENCE AND SHALL GOVERN AS FOLLOWS: THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" SHALL GOVERN FOR PAVEMENT AND EARTHWORK RELATED ITEMS, AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" SHALL GOVERN FOR ALL ITEMS RELATED TO WATER AND SANITARY SEWER.

DESCRIPTION OF WORK

THE PROPOSED IMPROVEMENT CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT AND MATERIALS TO CONSTRUCT A CONCRETE SWALE THROUGH AN EXISTING DITCH IN THE REAR LOTS OF TURTLE CREEK SUBDIVISION BETWEEN TURTLE CREEK DRIVE AND ARBOR SPRINGS DRIVE IN TROY, IL. IMPROVEMENTS GENERALLY CONSIST OF EARTH EXCAVATION, GRADING, TREE REMOVAL AND POURING PORTLAND CONCRETE CEMENT SWALE.

IDOT STANDARD SPECS

THE FOLLOWING WORK IS ACCORDING TO THE REFERENCED "IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" SECTION:

- 201 TREE REMOVAL
- 202 EARTH EXCAVATION
- 211 TOPSOIL FURNISH AND PLACE
- 250 SEEDING
- 251 MULCH, METHOD 2
- 280 TEMPORARY DITCH CHECKS
- 280 PIPE PROTECTION
- 280 TEMPORARY EROSION CONTROL BLANKET
- 420 PORTLAND CEMENT CONCRETE PAVEMENT
- 542 METAL FLARED END SECTION
- 671 MOBILIZATION

MEASUREMENT AND PAYMENT

DELETE ALL ARTICLES REGARDING "METHOD OF MEASUREMENT" AND "BASIS OF PAYMENT" IN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THIS IS A LUMP SUM CONTRACT AND PARTIAL PAYMENTS WILL BE MADE BASED ON PERCENT COMPLETE ON THE MAJOR WORK ITEMS INVOLVED.

HIGHWAY STANDARDS

IDOT HIGHWAYS STANDARDS NOT INCLUDED IN THE PLAN SET CAN BE VIEWED AT:
<https://idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/consultant-resources/highways/manuals-and-guides/highway-standards-and-district-specific-standards.html>

CONSTRUCTION LAYOUT

THIS WORK SHALL CONSIST OF STAKING ACCORDING TO ARTICLE 105.09 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," EXCEPT AS MODIFIED HEREIN.

THE CONTRACTOR SHALL PROVIDE LABOR, EQUIPMENT, AND MATERIAL TO SET ALL ADDITIONAL STAKES FOR THIS PROJECT, WHICH ARE NEEDED TO ESTABLISH OFFSET STAKES, REFERENCE POINTS, AND ALL OTHER HORIZONTAL AND VERTICAL CONTROLS, INCLUDING SUPPLEMENTARY BENCH MARKS, NECESSARY TO SECURE A CORRECT LAYOUT FOR THE SWALE PORTION OF THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE FINISHED WORK CONFORM TO THE LINES, GRADES, ELEVATIONS AND DIMENSIONS CALLED FOR ON THE PLANS. INSPECTION OR CHECKING OF THE CONTRACTOR'S LAYOUT BY THE ENGINEER AND THE ACCEPTANCE OF ALL OR ANY PART OF IT SHALL NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITY TO SECURE THE PROPER DIMENSIONS, GRADES AND ELEVATIONS OF THE SEVERAL PARTS OF THE WORK. THE CONTRACTOR SHALL EXERCISE CARE IN THE PRESERVATION OF STAKES AND BENCHMARKS AND SHALL HAVE THEM RESET AT HIS/HER EXPENSE WHEN ANY ARE DISTURBED.

RESPONSIBILITY OF THE CONTRACTOR

- THE CONTRACTOR SHALL ESTABLISH FROM THE GIVEN SURVEY POINTS AND BENCH MARKS, ALL ADDITIONAL CONTROL POINTS NECESSARY TO CONSTRUCT THE INDIVIDUAL PROJECT ELEMENTS.
- THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL STAKING REQUIRED TO ASSURE COMPLETION OF THE WORK IN SUBSTANTIAL CONFORMANCE WITH THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING ALL STAKES REMOVED OR DISTURBED BY CONSTRUCTION OPERATIONS.
- ALL WORK SHALL BE ACCORDING TO NORMALLY ACCEPTED SURVEYING PRACTICES. FIELD NOTES SHALL BE KEPT IN STANDARD SURVEY FIELD NOTEBOOKS AND THOSE BOOKS SHALL BECOME THE PROPERTY OF THE LOCAL AGENCY AT THE COMPLETION OF THE PROJECT. ALL NOTES SHALL BE NEAT, ORDERLY, AND IN ACCEPTED FORM.

EARTHWORK

THIS WORK SHALL BE CONSTRUCTED ACCORDING TO SECTIONS 201, 202, AND 205 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," EXCEPT AS MODIFIED HEREIN:

ALL EXCESS EXCAVATION AND REMOVALS SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TOPSOIL FURNISH AND PLACE, 4"

THIS WORK SHALL CONSIST OF FURNISHING AND PLACING A CLEAN 4" THICK LAYER OF TOPSOIL OVER THE ENTIRE DISTURBED SITE ACCORDING TO SECTION 211 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

SALVAGED TOP SOIL MAY BE USED. IF IMPORTED TOP SOIL IS NEEDED, MATERIAL SHALL MEET THE REQUIREMENTS OF ARTICLE 1081.05 (A) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" EXCEPT THAT TOPSOIL SHALL HAVE AN ORGANIC CONTENT BETWEEN THREE AND TEN PERCENT AS DETERMINED BY THE "LOSS ON IGNITION" TEST METHOD DESCRIBED IN AASHTO T 267. THE CONTRACTOR SHALL PROVIDE A CERTIFICATE FROM AN INDEPENDENT LABORATORY CERTIFYING COMPLIANCE WITH ALL APPLICABLE MATERIAL SPECIFICATIONS.

SEEDING

THIS WORK SHALL CONSIST OF FURNISHING AND PLACING TOPSOIL, PREPARING THE SEED BED, AND FURNISHING, TRANSPORTING AND PLACING THE SEED, FERTILIZER AND MULCH REQUIRED TO RESTORE ALL DISTURBED EARTH SURFACES ACCORDING TO SECTIONS 211, 250 AND 251 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

THE CONTRACTOR SHALL GUARANTEE A MINIMUM OF 95 PERCENT UNIFORM GROWTH AFTER ONE GROWING SEASON OVER THE ENTIRE SEEDED AREAS(S) WITH NO INDIVIDUAL BARE AREA GREATER THAN 1 SQUARE FOOT. AREAS SUSTAINING LESS THAN 95 PERCENT UNIFORM GROWTH SHALL BE INTERSEEDED OR RESEEDED, AS DETERMINED BY THE ENGINEER, AT NO ADDITIONAL COST. THE SEED SHALL BE BROADCAST AT A RATE OF 10 LBS/1,000 SQUARE FEET AND SHALL CONSIST OF JAGUAR FESCUE AS APPROVED BY THE ENGINEER. APPLY FERTILIZER AT A RATIO OF 1:1:1 AT 6 LBS OF NUTRIENTS / 1,000 SQUARE FEET. APPLY TEMPORARY EROSION CONTROL BLANKET PER SECTION 280 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

CONCRETE SWALE WITH FIBER REINFORCED CONCRETE, 6"

THIS WORK SHALL CONSIST OF CONSTRUCTING A PORTLAND CEMENT CONCRETE SWALE ACCORDING TO SECTION 420 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND TO THE PLANS AND DETAIL CONTAINED HEREIN.

THE PORTLAND CEMENT CONCRETE MIXTURE SHALL INCLUDE FIBER REINFORCEMENT AT A RATE OF 2 LBS/CU YD ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.

TEMPORARY EROSION AND SEDIMENT CONTROL

THIS WORK SHALL CONSIST OF CONSTRUCTING, MAINTAINING, REMOVING, AND DISPOSING OF TEMPORARY EROSION CONTROL SYSTEMS ACCORDING TO THE EROSION CONTROL PLAN AND SECTION 280 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

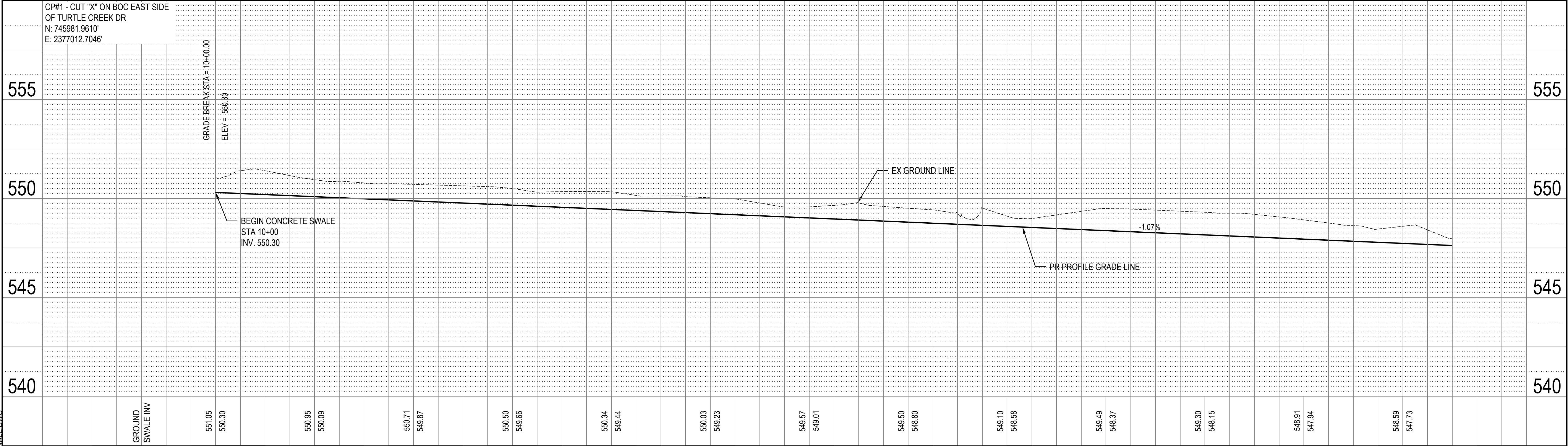
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<div><div>ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</div></div>	USER NAME = ANDREA MENSE	DESIGNED - _____	REVISED - _____	<div></div>	SPECIAL PROVISIONS			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____					TURTLE CREEK SWALE	MADISON	9	3
	PLOT SCALE = 1" = 1'	CHECKED - _____	REVISED - _____						CONTRACT NO.		
	PLOT DATE = 2024-02-22	DATE - 2024-02-15	REVISED - _____		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	TROY	ILLINOIS		

PLAN	SURVEYED PLOTTED GRADES CHECKED ALIGNMENT CHECKED STRUCTURE NOTATIONS CHKO	BY	DATE
NOTE BOOK NO.			

PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHKO	BY	DATE
NOTE BOOK NO.			

FILE NAME = 223007.005 TURTLE CREEK SWALE.DWG



10+00										11+00										12+00									
 <div>OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</div>	USER NAME = ANDREA MENSE		DESIGNED -		REVISED -			PLAN AND PROFILE						SECTION		COUNTY	TOTAL SHEETS	SHEET NO.											
			DRAWN -		REVISED -									TURTLE CREEK SWALE		MADISON	9	4											
	PLOT SCALE = 1' = 1'		CHECKED -		REVISED -			SCALE: 1" = 10'			SHEET NO. 1 OF 2 SHEETS		STA. 10+00 TO STA. 12+50			TROY		ILLINOIS											
	PLOT DATE = 2024-02-22		DATE - 2024-02-15		REVISED -																								

PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
NO. _____	STRUCTURE NOTATIONS CHK'D		

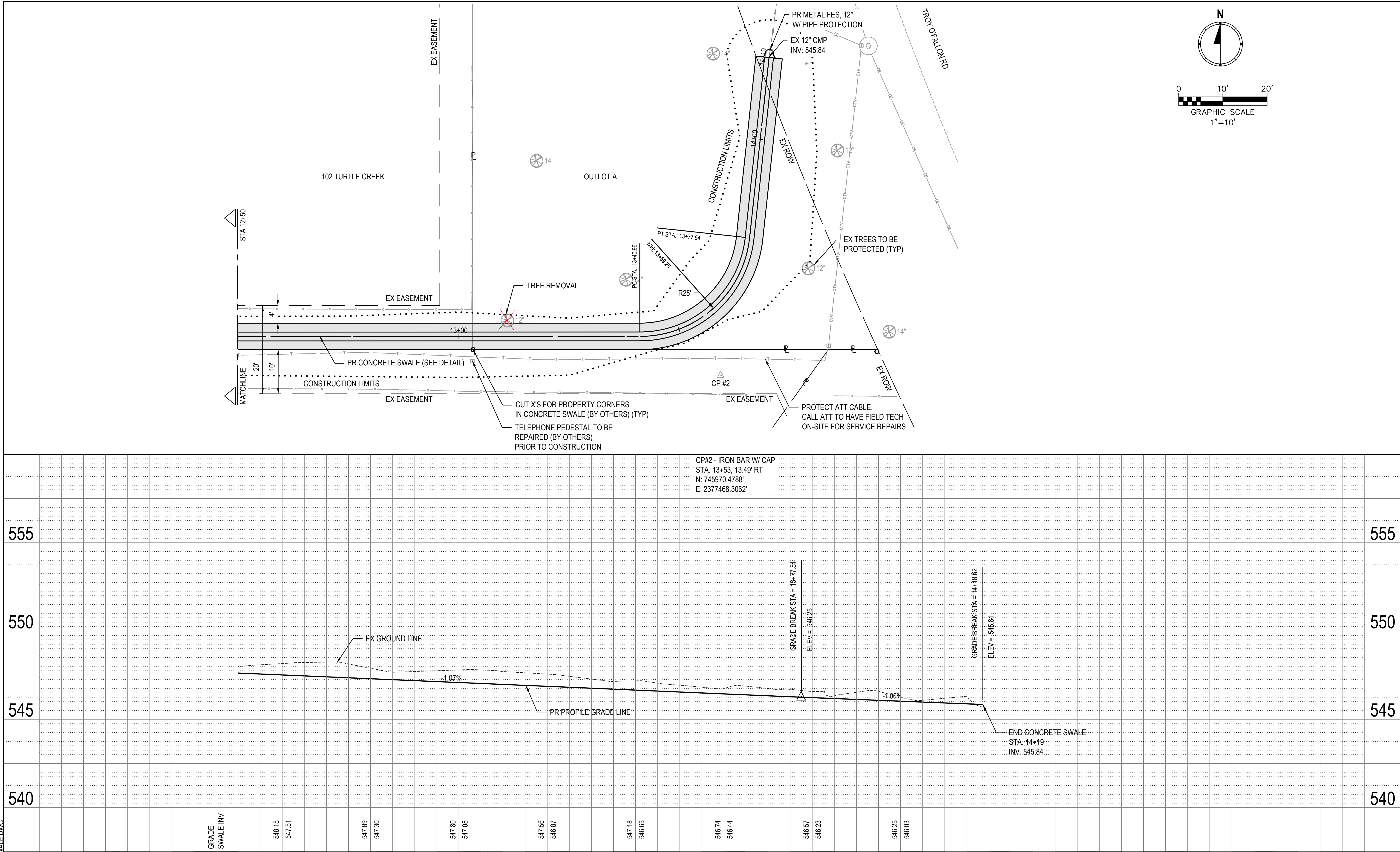


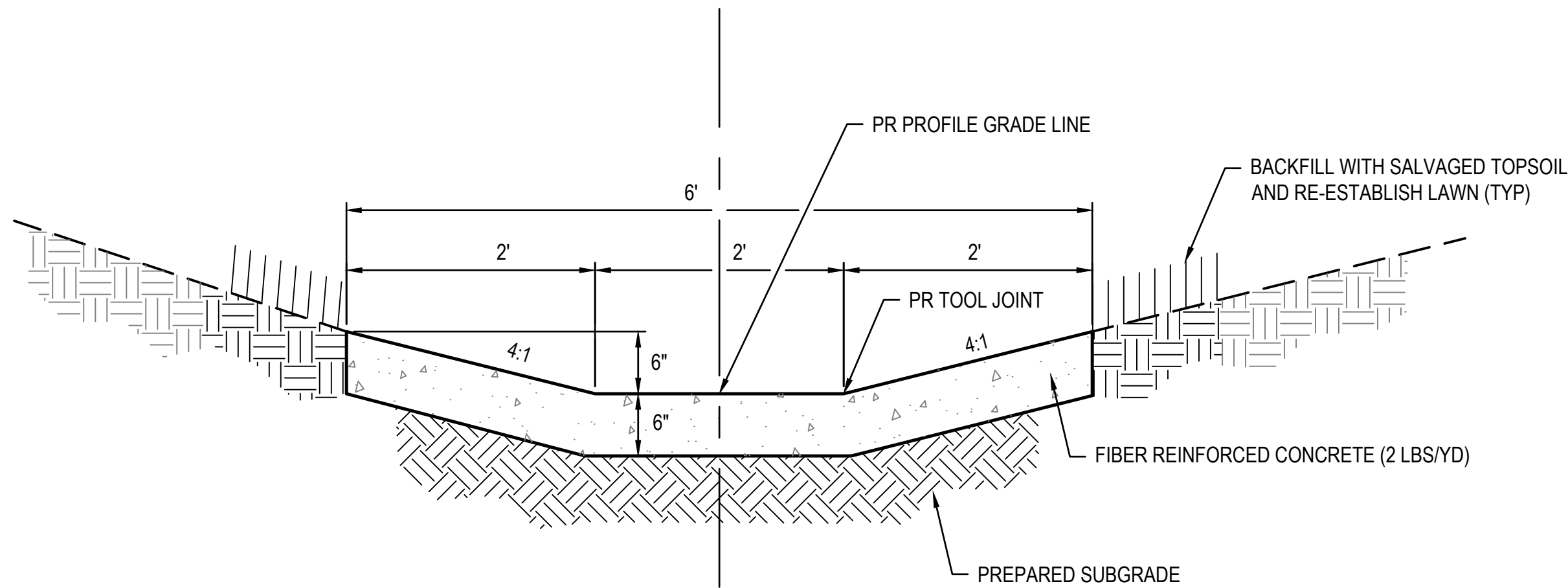
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ASSOCIATES
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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	ANDREA MENSE	DESIGNED -	_____	REVISED -	
		DRAWN -	_____	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	_____	REVISED -	
PLOT DATE =	2024-02-22	DATE -	2024-02-15	REVISED -	

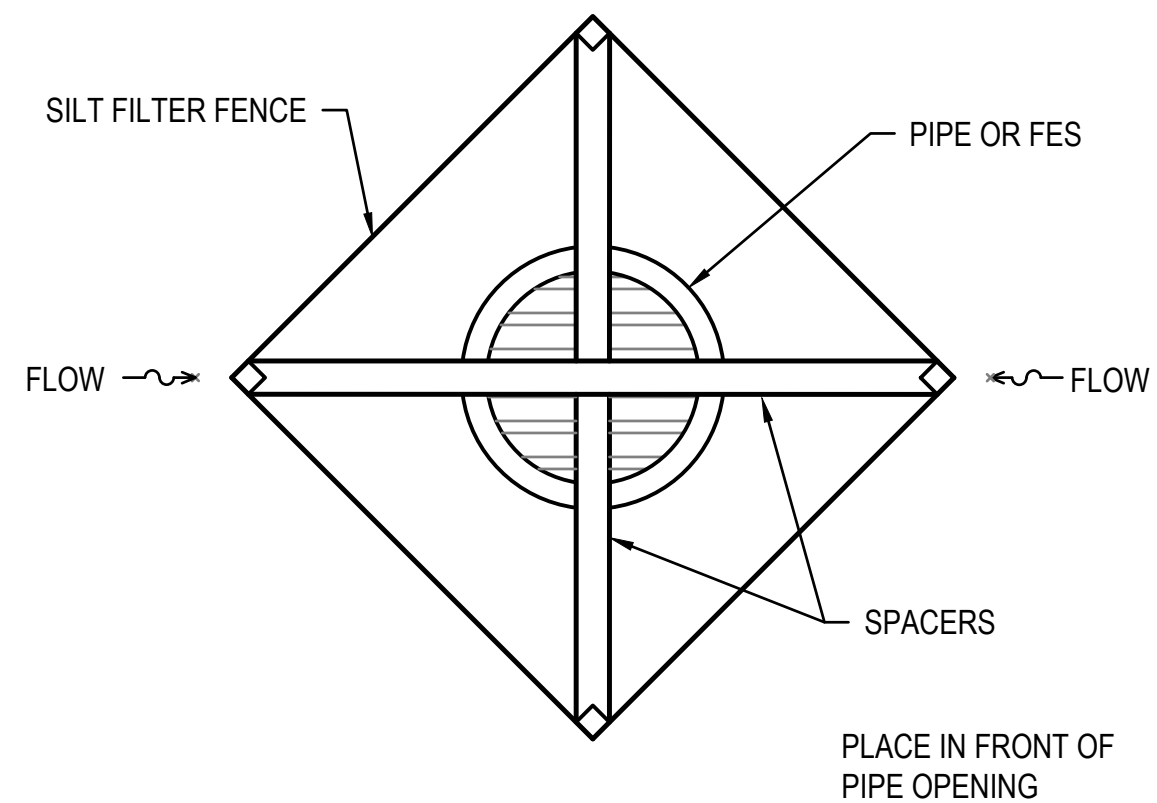


PLAN AND PROFILE			SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
			TURTLE CREEK SWALE		MADISON	9	5
SCALE: 1" = 10'	SHEET NO. 2 OF 2 SHEETS	STA. 12+50 TO STA. 14+19	TROY	ILLINOIS			





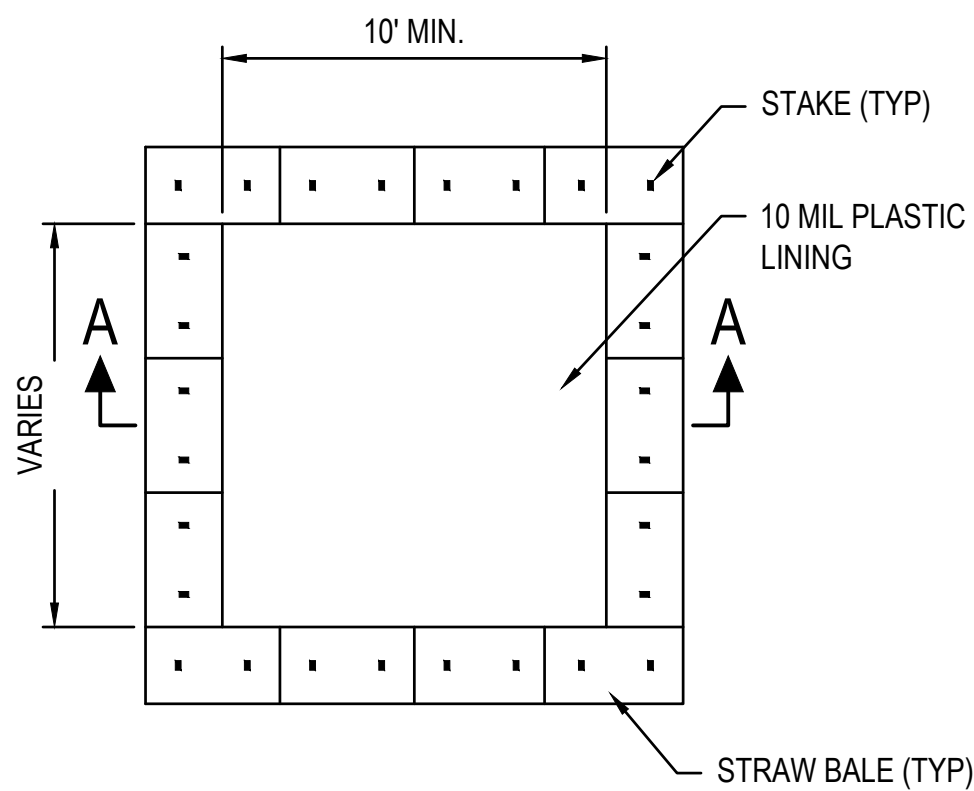
1 CONCRETE SWALE
SCALE: NO SCALE



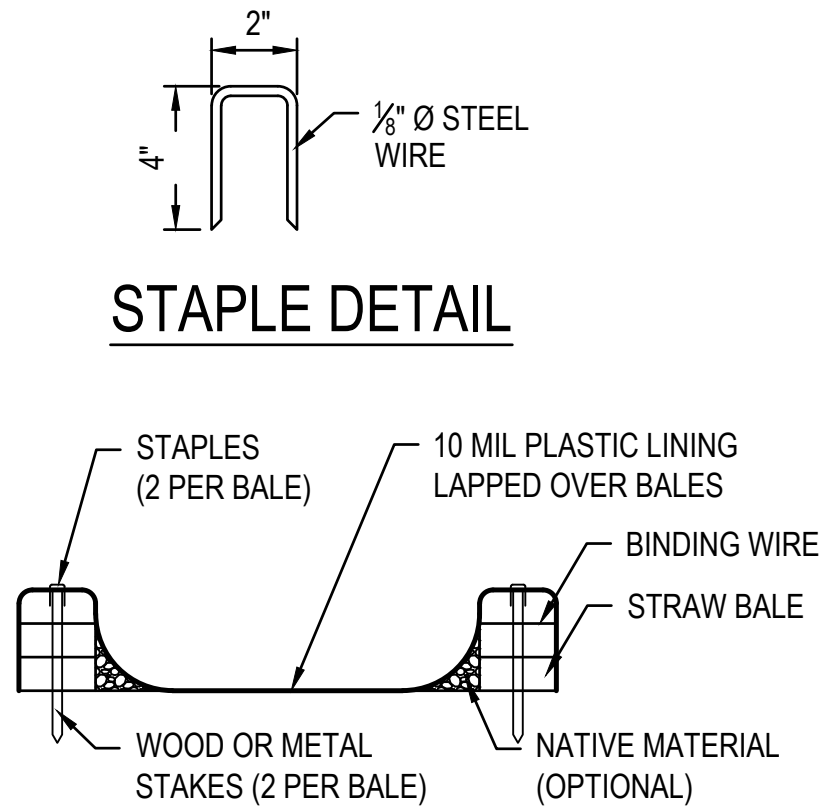
2 PIPE PROTECTION AT STA 14+19
SCALE: NO SCALE

NOTES:

1. THE GENERAL CONTRACTOR SHALL INSPECT THE WASHOUT AREA WEEKLY.
2. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FREEBOARD OF 4 INCHES.
3. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. HARDENED CONCRETE MATERIALS SHOULD BE REMOVED AND DISPOSED OF.
4. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.



PLAN



STAPLE DETAIL

SECTION A-A

3 CONCRETE WASHOUT
SCALE: NO SCALE

(PLACE @ LOCATION APPROVED BY OWNER)

FILE NAME = 223007.005 TURTLE CREEK SWALE.DWG

USER NAME =	ANDREA MENSE	DESIGNED -	___	REVISED -	___
		DRAWN -	___	REVISED -	___
PLOT SCALE =	1' = 1'	CHECKED -	___	REVISED -	___
PLOT DATE =	2024-02-22	DATE -	2024-02-15	REVISED -	___

DETAILS		
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TURTLE CREEK SWALE	MADISON	9	6
CONTRACT NO.			
TROY	ILLINOIS		