

SPECIFICATIONS
FOR
REINFORCED FOUR SIDED CONCRETE BOX

TO
THE BOARD OF COUNTY COMMISSIONERS
HENRY COUNTY, OHIO

FOR
THE HENRY COUNTY HIGHWAY DEPARTMENT

BIDS WILL BE RECEIVED – Tuesday, February 15, 2022
@ 9:30 A.M.

LEGAL NOTICE

Notice is hereby given that sealed bids will be received at the Office of the Board of County Commissioners of Henry County, Ohio, 1853 Oakwood Avenue, Napoleon, Ohio until Tuesday, February 15, 2022 at 9:30 A.M., at which time and place, bids will be opened and read for the furnishing of:

- a) 69 L.F. of 20' Span x 8' Rise Four Sided Concrete Box
- b) 84 L.F. of 9' Span x 6' Rise Four Sided Concrete Box

with all appurtenances for use by the Henry County Highway Department.

All material shall be in accordance with the details and specifications for the same which are on file at the Office of the Henry County Engineer. The specifications, legal notice, and bid proposal will also be available on the Henry County Engineer's website www.henrycountyengineer.com under the link "Bid Request Listing".

Bids must be submitted on the forms provided by the Engineer.

Bids may be hand delivered or mailed in a sealed envelope bearing the Bidder's name and address and marked "Sealed Bid for Concrete Box".

The said Board reserves the right to reject any or all bids.

The contract will be award to the lowest and best bidder.

No bid will be considered unless it be accompanied by a bond executed by a surety company authorized to do business in the State of Ohio or a certified check on a solvent bank; either in the amount of five (5%) percent of the bid to guarantee that if said bid is accepted, a contract will be entered into and the performance of it properly secured.

BY ORDER OF
BOARD OF COUNTY COMMISSIONERS
HENRY COUNTY, OHIO

By: Kristi Schultheis, Clerk

Four Sided Concrete Box Specifications

Box Sections

Shall conform to the State of Ohio, Department of Transportation Specifications 706.05 (Precast Reinforced Concrete Box Sections). All box sections shall conform to ASTM C 1577 (1-3 feet of cover).

General

Bid price shall include the lifting holes and plugs for all pipe, and shall include sufficient quantities of joint filler (i.e. mastic) compound as required for the sizes and lengths of box sections specified.

Bid price shall include delivery to the project site.

All items will be considered on a unit price basis by line item and may be awarded individually or to any group as a whole.

PROOF OF INSURANCE

Vendors are required to furnish the County with a certificate of insurance in the minimum amount of \$1,000,000.00 primary and \$1,000,000.00 umbrella coverage. The County, its elected office and employees shall be named as additional insured with respect to all activities under any agreement resulting from this bidding. The certificate of insurance shall provide that such insurance shall not be cancelled without thirty (30) days prior written notice to the County. Vendors will replace certificate for any insurance expiring prior to the effective end date under any agreement resulting from this bidding.

WORKER'S COMPENSATION

Vendors shall maintain Worker's Compensation coverage as required by Ohio law. A copy of a valid Worker's Compensation certificate shall be submitted with the bid.

INDEMNIFICATION/HOLD HARMLESS

The vendor shall indemnify and hold harmless the County, its agents and employees from any and all losses, claims, damages, lawsuits, costs, judgments, expenses or any other liabilities which they may incur as a result of bodily injury, sickness, disease or death, or injury to or destruction of tangible property including the loss of use resulting therefrom, caused in whole or part by the negligent act or omission of the vendor or any person directly or indirectly employed by any of them or any person for whose acts any of them may be liable.

VERIFICATION OF "NO FINDING FOR RECOVERY"

No political subdivision shall award a contract for goods, services, or construction to a person against whom a Finding for Recovery has been issued by the Auditor of State, if the Finding for Recovery is unresolved.

The undersigned, by their signature and title, document that no "Finding for Recovery" is outstanding for the bidder.

By:

Title

Prior to award of a contract, Henry County shall verify and report to the Engineer and the Bidder that the Bidder does not appear in the State Auditor's database for "Findings of Recovery".

**AFFIDAVIT IN COMPLIANCE WITH SECTION 3517.13
OF THE OHIO REVISED CODE**

STATE OF OHIO

HENRY COUNTY

The undersigned personally appeared before me, as an individual or as a representative of

_____ for a contract for _____
(Name of Entity) (Type of Product or Service)

to be let by the County of Henry, who, being duly cautioned and sworn, makes the following statement with respect to prohibited activities constituting a conflict of interest or other violations under Ohio Revised Code Section 3517.13, and further states that the undersigned has the authority to make the following representation on behalf of himself or herself or of the business entity:

1. That none of **the** following has **individually** made since April 4, 2007 and that, if awarded a contract for the purchase of goods or services in excess of \$10,000, none of the following **individually** will make, beginning on the date the contract is awarded and extending until one year following the conclusion of the contract, as an individual, one or more campaign contributions totaling in excess of \$10,000, to any elected official of the County of Henry or their individual campaign committees:
 - a. Myself;
 - b. Any partner or owner or shareholder of the partnership (if applicable);
 - c. Any owner of more than 20% of the corporation or business trust (if applicable);
 - d. Each spouse of any person identified in (a) through (c) of this section;
 - e. Each child seven years of age to seventeen years of age of any person identified in divisions (a) through (c) of this section (only applicable to contributions made on or after April 4, 2007)

2. That none of the following have **collectively** made since April 4, 2007, and that, if awarded a contract for the purchase of goods or services in excess of \$10,000, none of the following **collectively** will make, beginning on the date the contract is awarded and extending until one year following the conclusion of the contract, one or more campaign contributions totaling in excess of \$10,000, to any elected official of the County of Henry or their individual campaign committees:
 - a. Myself;
 - b. Any partner or owner or shareholder of the partnership (if applicable);
 - c. Any owner of more than 20% of the corporation or business trust (if applicable);
 - d. Each spouse of any person identified in (a) through (c) of this section;
 - e. Each child seven years of age to seventeen years of age of any person identified in divisions (a) through (c) of this section (only applicable to contributions made on or after April 4, 2007)

Signature _____

Title _____

Sworn to before me and subscribed in my presence this _____ day of _____, 20_____.

Notary Public _____

My Commission expires _____

PROPOSAL

<u>Quantities</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
69 L.F.	20' Span x 8' Rise Box Sections with No Skew	\$ _____	\$ _____
84 L.F.	9' Span x 6' Rise Box Sections with No Skew	\$ _____	\$ _____
	Total Amount of Bid		\$ _____

****Drawings can be found attached**

Accompanying this bid must be a bid bond executed by a Surety Company authorized to do business in the State of Ohio or a certified check on a solvent bank; either in the amount of 5% of the bid to guarantee that if said bid is accepted, a contract will be entered into and the performance of it properly secured.

The Board of County Commissioners reserves the right to reject any and all bids.

Date: _____

FIRM NAME: _____

By: _____

Title: _____

Address: _____

Telephone Number: _____

Fax Number: _____

Email: _____

DATE CREATED: 01/14/2022

HENRY CO. SIGN WORKER

PLACE DO NOT DIG BETWEEN SIGNS
& PLACE BRIDGE END MARKERS

QUANTITIES

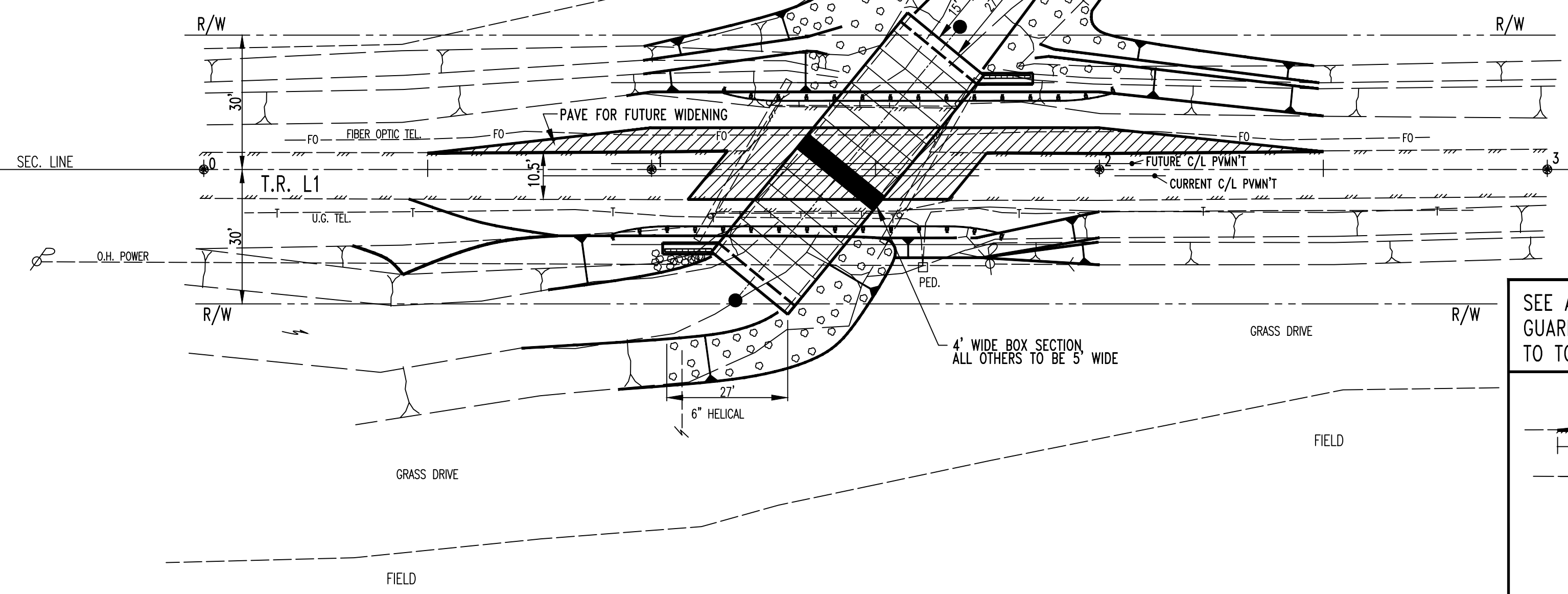
- 27 C.Y. - #8 STONE FOR BEDDING UNDER BOX
- 50 C.Y. - #8 STONE BEHIND WALLS
- 64 L.F. - #5 RE-STEEL FOR CONC. BLOCKS
- 1 LUMP - 411 BERMSTONE
- 392 L.F. - #5 RE-STEEL FOR STUB WALLS
- 224 L.F. - #5 RE-STEEL FOR WALL FOOTINGS
- 223 S.Y. GEOTEXTILE FABRIC
- 128 BLOCKS (MIN.)
- 0.15 C.Y. CONC. (#8 STONE FOR CAPS)
- 0.5 C.Y. CONC. FOR FILLING TOP 3 COURSES OF BLOCKS
- 4.1 C.Y. CONC. (2 STUB WALLS)
- 2.2 C.Y. CONC. (2 WALL FOOTINGS)
- 230 S.Y. TYPE 2 MEMBRANE WATERPROOFING (SEE WATERPROOFING NOTES IN PROFILE VIEW)
- 354 S.Y. CONC. SEALER FOR 1/BOX NOT COVERED BY TYPE 2 WATERPROOFING
- SEE GUARDRAIL LIST FOR GUARDRAIL QUANTITIES
- 102 C.Y. ROCK CHANNEL PROTECTION
- 160 S.Y. PAVEMENT REPLACEMENT

NOTE: ALL BARE OR TURF DAMAGED AREAS WHICH RESULT FROM CONSTRUCTION ACTIVITIES SHALL BE SEED & MULCHED. ALL MULCHING MATERIALS SHALL BE KEPT IN PLACE WITH ASPHALT EMULSION OR OTHER APPROVED METHOD.

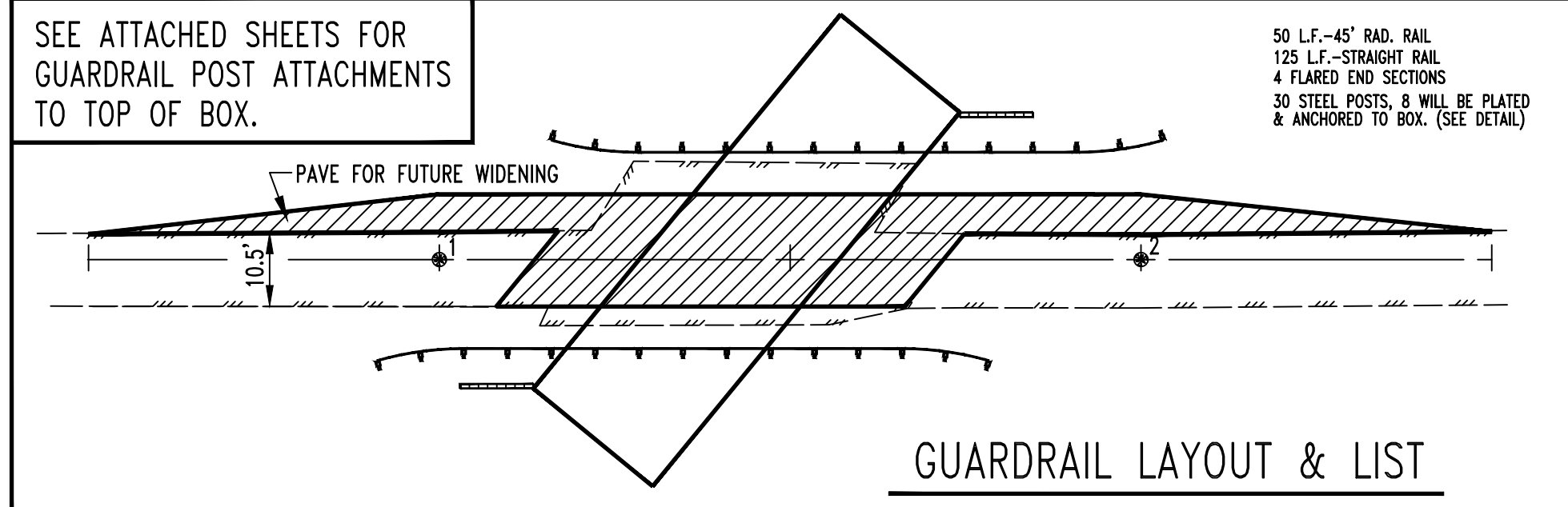
5' O/S COORDINATES

- 1+18.72, 29.21' RT.
- 1+68.86, 31.84' LT.

Scale: 1"=20'



SEE ATTACHED SHEETS FOR GUARDRAIL POST ATTACHMENTS TO TOP OF BOX.

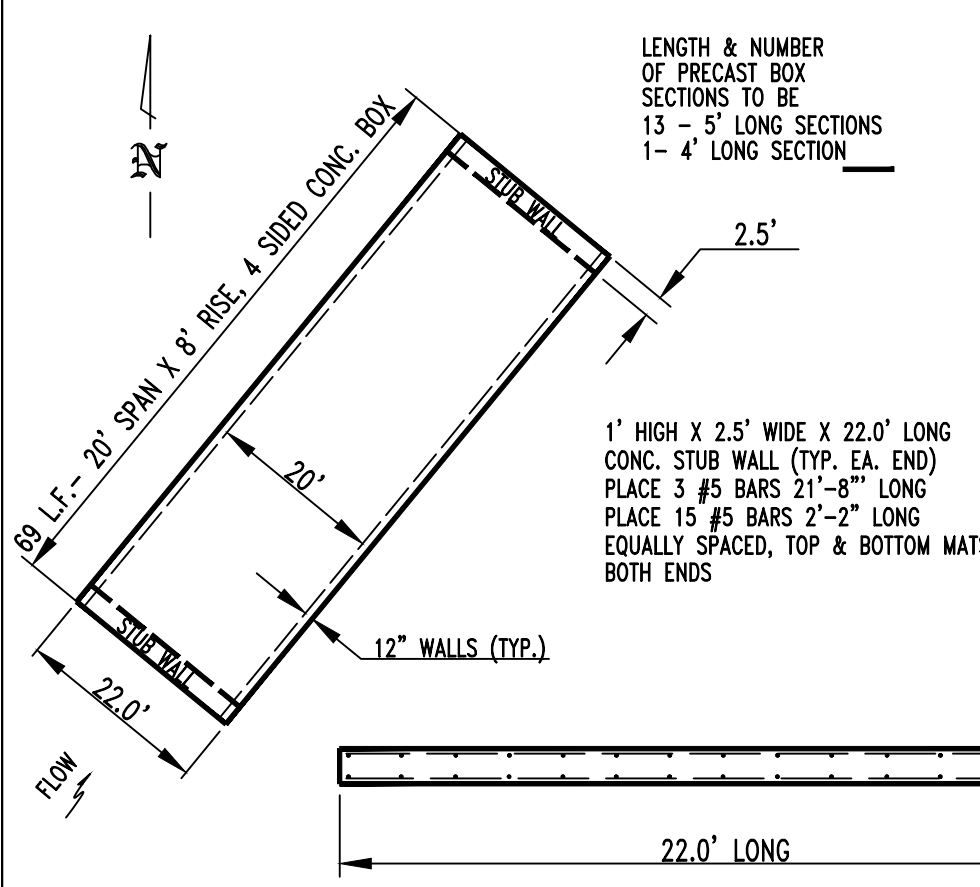


UTILITY OWNERS

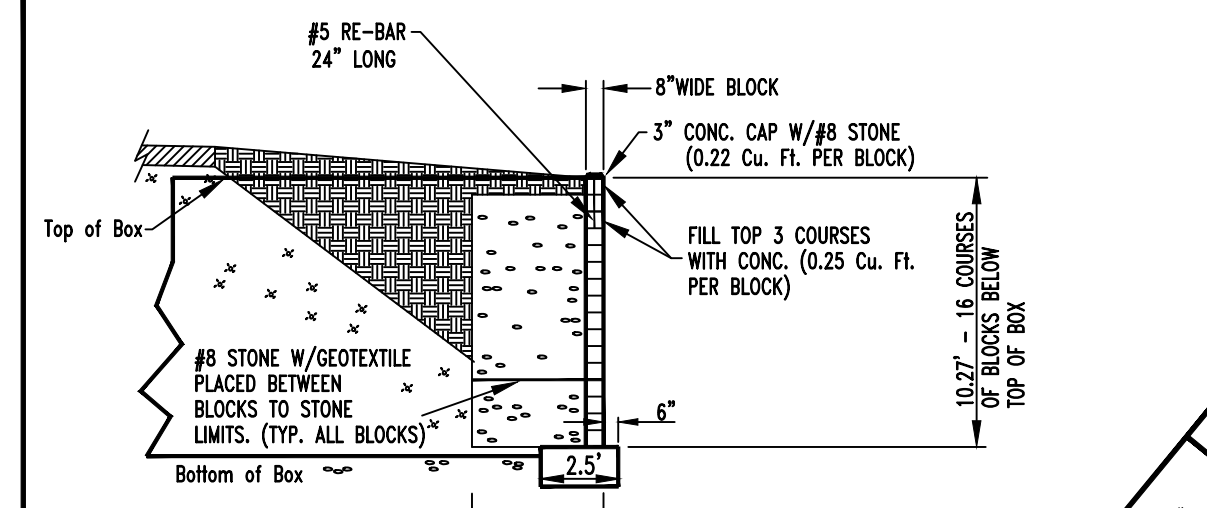
- TOLEDO EDISON
- CENTURYLINK
- FARMERS MUTUAL (FIBER OPTIC)

FOREMAN: NOTE ADDITIONS AND CHANGES DURING CONSTRUCTION AND RETURN TO ENGINEER

- SBM
- MAG NAIL @ STA. 0+00, ELEV. = 693.36
 - MAG NAIL @ STA. 1+00, ELEV. = 693.64
 - MAG NAIL @ STA. 2+00, ELEV. = 693.60
 - MAG NAIL @ STA. 3+00, ELEV. = 693.50

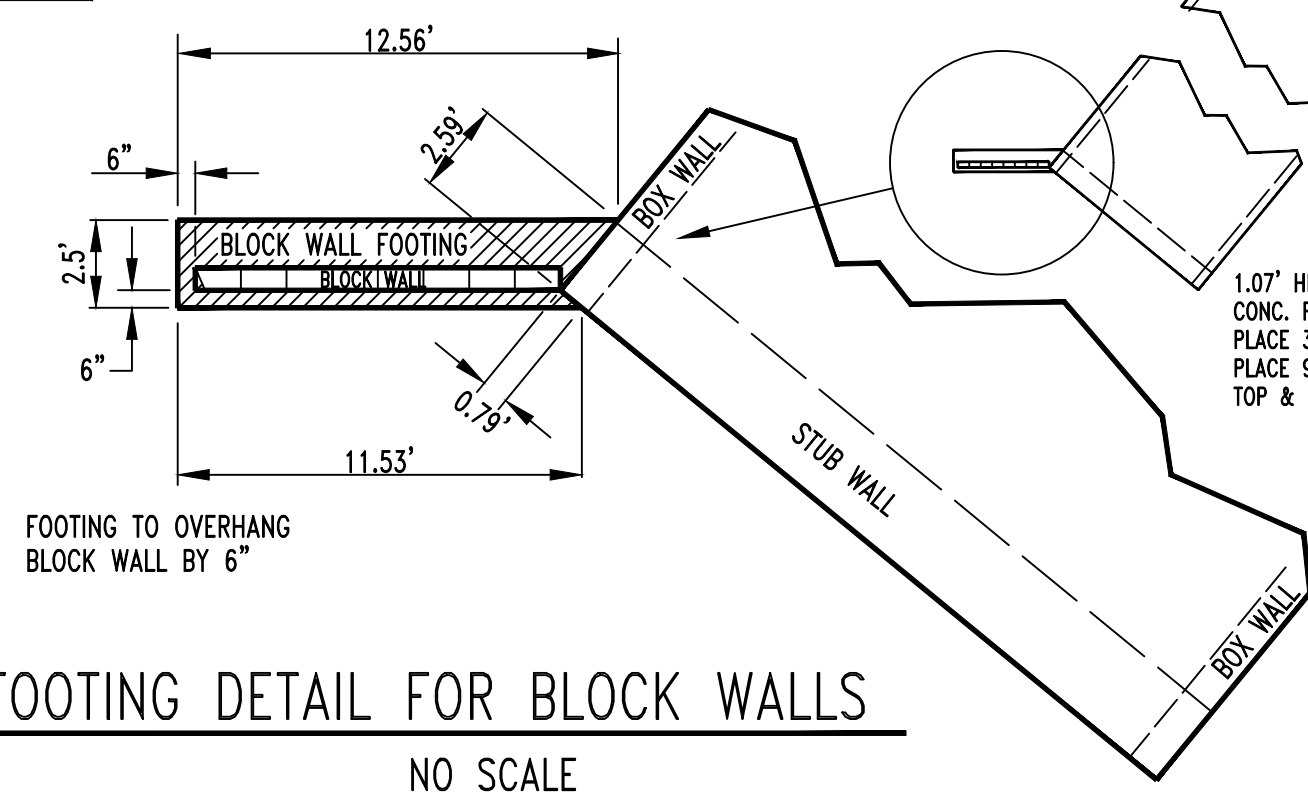


CONC. STUB WALL & BOX DETAIL
NO SCALE



GRS WALL DETAILS
(TYP. BOTH ENDS)
NO SCALE

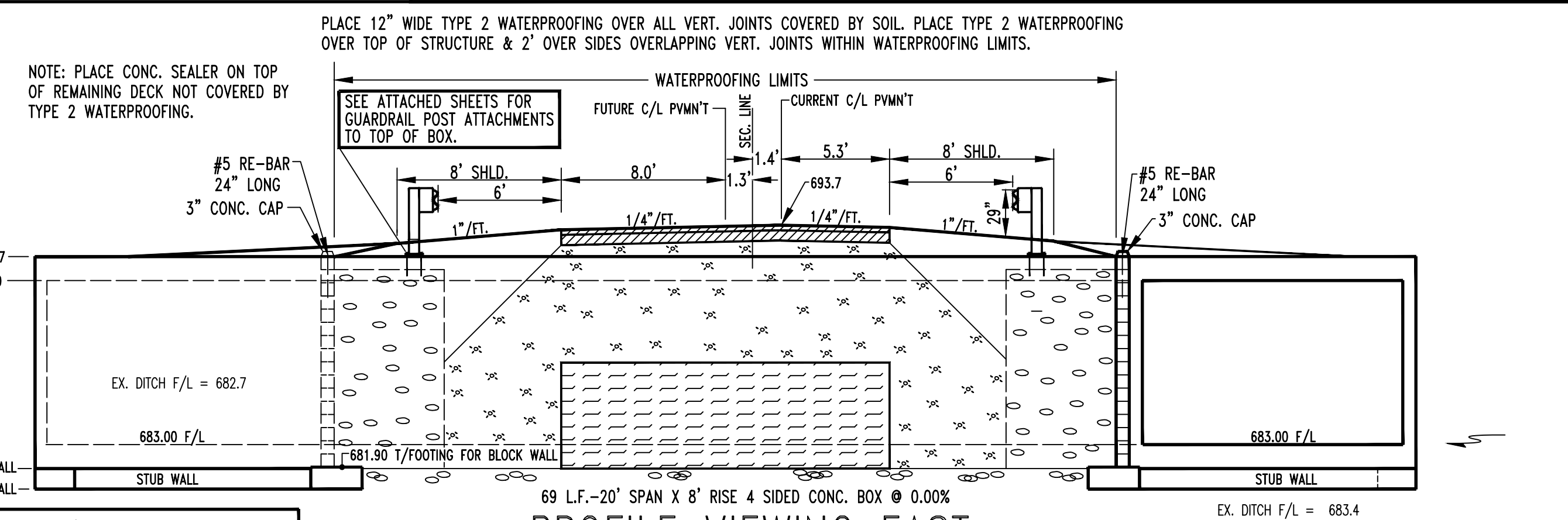
- LEGEND
- PROPOSED MAIN CHANNEL
 - 3'-823 A.C. DN 6\"/>
 - AREA TO BE CUT
 - AREA TO BE FILLED
 - ROCK CHANNEL PROTECTION, TYPE D (18\"/>
 - 411 BERMSTONE
 - FLOWABLE FILL (LSM-50)
 - NO. 8 STONE-6\"/>



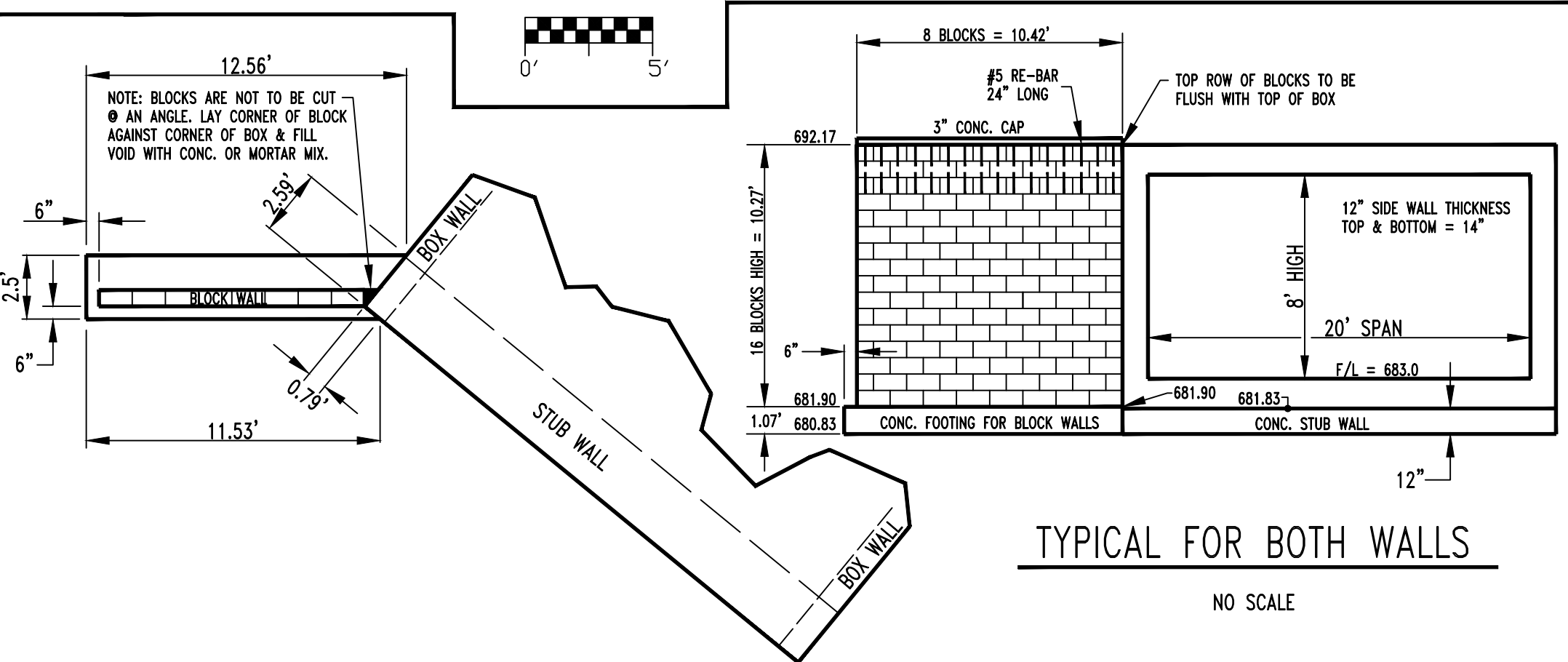
FOOTING DETAIL FOR BLOCK WALLS
NO SCALE

NOTE: BACKFILL W/411 BERMSTONE TO SUBGRADE UNDER ROADWAY AND TO MINIMUM OF SPRINGLINE FOR THE REMAINING LENGTH OF PIPE. COMPACT BERMSTONE WITH MECHANICAL TAMP IN 8\"/>

NOTE: TRENCH WALLS SHALL BE SLOPED AT A ONE AND A HALF TO ONE RATIO (1 1/2:1) @ A POINT 4\"/>



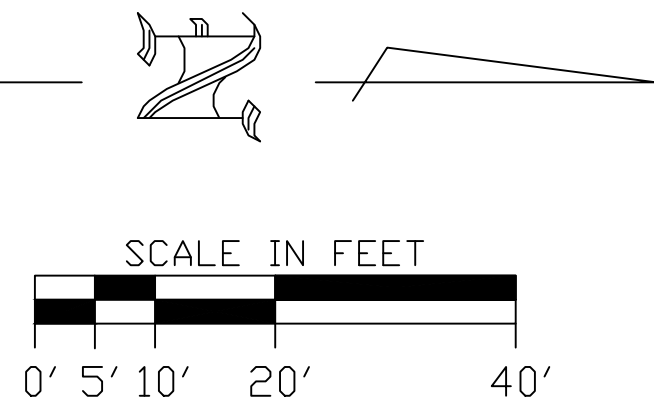
PROFILE VIEWING EAST
HORZ. & VERT. SCALE



TYPICAL FOR BOTH WALLS
NO SCALE

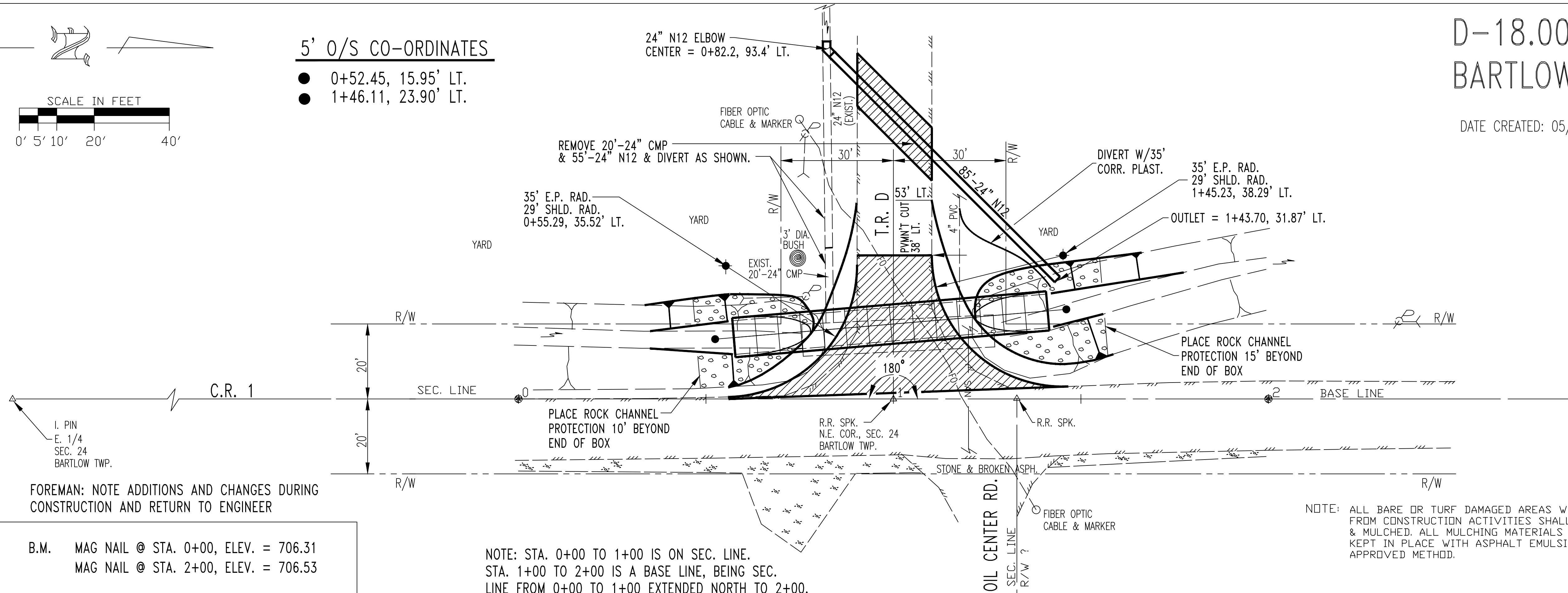
D-18.00 BARTLOW TWP.

DATE CREATED: 05/24/2021



5' O/S CO-ORDINATES

- 0+52.45, 15.95' LT.
- 1+46.11, 23.90' LT.

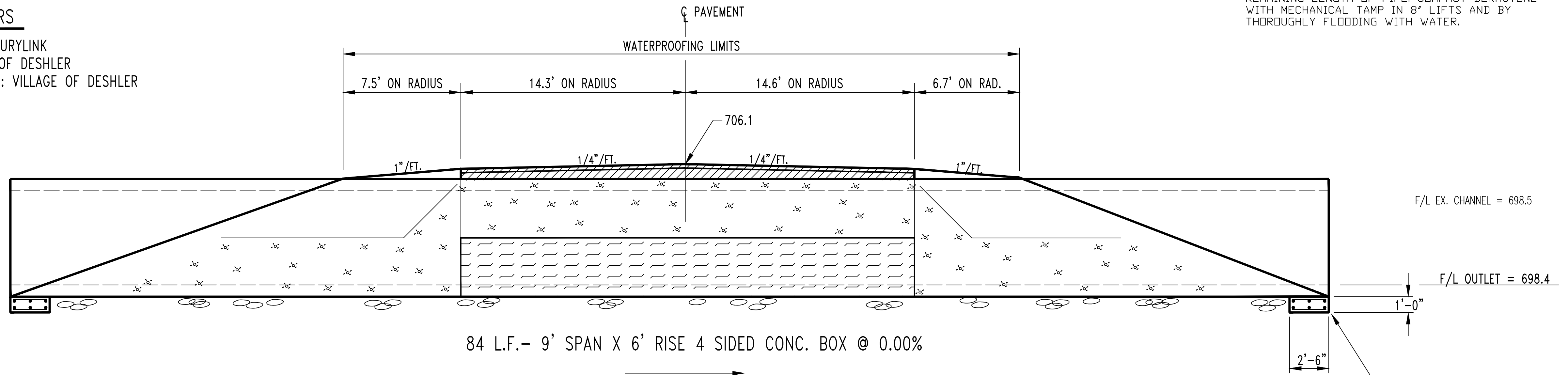


UTILITY OWNERS

TELEPHONE: CENTURYLINK
POWER: VILLAGE OF DESHLER
SAN. FORCE MAIN: VILLAGE OF DESHLER

PLACE 12" WIDE TYPE 2 WATERPROOFING OVER ALL VERT. JOINTS. PLACE TYPE 3 WATERPROOFING OVER TOP OF STRUCTURE & 2' OVER SIDES OVERLAPPING VERT. JOINTS. (SEE WATERPROOFING LIMITS BELOW)

NOTE: BACKFILL W/411 BERMSTONE TO SUBGRADE UNDER ROADWAY AND TO MINIMUM OF SPRINGLINE FOR THE REMAINING LENGTH OF PIPE. COMPACT BERMSTONE WITH MECHANICAL TAMP IN 8" LIFTS AND BY THOROUGHLY FLOODING WITH WATER.



PROFILE VIEWING WEST

HORZ. & VERT. SCALE



LEGEND

- PROPOSED MAIN CHANNEL
- 3"-823 A.C. ON 6"(min.) -304
- AREA TO BE CUT
- AREA TO BE FILLED
- ROCK CHANNEL PROTECTION, TYPE D (18" THICK)
- 411 BERMSTONE
- FLOWABLE FILL (LSM-50)
- NO. 8 STONE-6" BEDDING
- 304 STONE

CONCRETE CUT OFF WALL (2 REQ,D)
10'-6" LONG X 1'-0" HIGH X 2'-6" DEEP.
PLACE 3 #5 BARS 10'-2" LONG
PLACE 8 #5 BARS 2'-2" LONG
TOP & BOTTOM MATS.

NOTE: TRENCH WALLS SHALL BE SLOPED AT A ONE AND A HALF TO ONE RATIO (1 1/2:1) @ A POINT 4' ABOVE TRENCH BOTTOM UNLESS PROTECTED FROM SLIPPAGE BY SHORING, TRENCH BOX, OR OTHER MEANS. NO EXCAVATION MATERIAL SHALL BE STOCKPILED WITHIN 2' OF THE TRENCH WALL.