



OFFICE OF COUNTY MAYOR GLENN JACOBS

Procurement Division, 1000 N. Central Street, Suite 100, Knoxville, TN 37917

Knox County Procurement Division Addendum I to Invitation for Bids 3421 Hardin Valley Road Sidewalk Extension

Addendum Date: May 19, 2023

Buyer: Brian Hubbs

Opening Date: May 31, 2023 at 4:00 PM

Total Page(s): Thirteen (13)

This addendum shall become a part of the project plans and specifications and shall be acknowledged on the bid form.

Questions / Answers:

Question 1: There is a bid item for a gravity wall. No details are provided. Can details be provided?

Answer 1: A footnote will be added to the pay item that references TDOT Standard Drawing W-SG-1 for a Modular Block Wall.

Question 2: Page 4 of the plans states that some existing concrete sidewalk is to be removed and replaced per page 12. There is no page 12 of the plans. Please confirm what is needed.

Answer 2: That note was inadvertent. It will be removed from the plans.

Question 3: The RRFB signs are shown to be by other on page 5. Can it be confirmed if the RRFB's are in this contract?

Answer 3: Neither the poles nor the RRFB's are part of this contract. They will be installed by others.

Question 4: The topsoil item 203-KC-04 is shown to be measured in lump sum. Topsoil is normally measured in cubic yards. Is lump sum truly the unit the County wants?

Answer 4: That pay item will be removed from the documents.

Question 5: Is there a top and bottom elevation or height available for the gravity wall?

Answer 5: See elevations on Cross Section Sheet 11 for Station 4+26.20.



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Procurement Division, 1000 N. Central Street, Suite 100, Knoxville, TN 37917

NOTE: BIDDERS ARE TO USE THE ATTACHED REVISED (5/18/23) BID FORM WHEN SUBMITTING YOUR BID.

Plan Sheets 1, 3, 4, 5 and 11 have been revised, see revision block dated 5/18/23 on each sheet. PLAN SHEETS 1, 3, 4, 5 and 11 ARE ATTACHED.

End of Addendum I.

A handwritten signature in blue ink, appearing to read "B. Hubbs".

Brian Hubbs
Construction and Contract Specialist
Knox County Procurement Division

**PROJECT MANUAL FOR
HARDIN VALLEY ROAD SIDEWALK EXTENSION
Knox County, Tennessee
Bid Number # 3421**

**Notice to Bidders, Instructions to Bidders,
Bid Form, Bid Bond, Contract Agreement,
Performance Bond and Specifications**

for

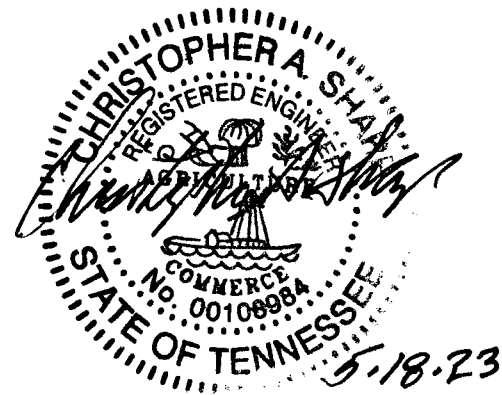
**Knox County Engineering and Public Works
205 W. Baxter Avenue Knoxville, TN. 37917
Tel. No. (865) 215-5800**

**Glenn Jacobs, Knox County Mayor
Jim Snowden P.E., Director of Engineering & Public Works**

**Sidewalk Construction, New Striping, Grading, Storm Drainage and Erosion
Control**

**Bid Date – Wednesday, May 31, 2023
Set No. 2**

ENGINEERS
Urban Engineering, Inc.
10330 Hardin Valley Road, Suite 201
Knoxville, TN 37932
Office: (865) 966-1924



SECTION 00300: BID FORM

Project Identification: Hardin Valley Road Sidewalk Extension
Knox County, Tennessee
Bid No. 3421

This Bid is Submitted to: Knox County Procurement Division
1000 North Central Street
Suite 100
Knoxville, TN 37917

Bid Opening Date: Wednesday, May 31, 2023
Knox County Procurement Division

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the Owner in the form included in the bidding Documents to perform all Work as specified or indicated in the Contract Documents for the prices and within the time indicated in this Bid and in accordance with the other terms and conditions of these documents.

The Bidder accepts all terms and conditions contained in the Contract Documents. The Bid will remain subject to acceptance for a period of sixty (60) days after the Bid opening or for a longer period of time if agreeable to both parties in writing.

In submitting this Bid, the Bidder represents the following as set forth in the Agreement:

- A. Bidder has examined and carefully studied the Contract Documents, other related data referenced in the Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No. _____ Addendum Date: _____

Addendum No. _____ Addendum Date _____

Addendum No. _____ Addendum Date _____

Addendum No. _____ Addendum Date _____

Addendum No. _____ Addendum Date _____

- B. Bidder has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect costs(s), progress and the performance of the Work;
- C. Bidder is familiar with and is satisfied as to all Federal, State and local laws and regulations that may affect cost(s), progress and the performance of work;

- D. Bidder has obtained and carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface features at or contiguous to the Site including underground utilities.
- E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, exploration tests, studies and data concerning the conditions (surface and subsurface) at or contiguous to the Site which may affect cost, progress or performance of Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be used by the Bidder, including applying specific means, methods, techniques, sequences and procedures of construction expressly required by the Contract Documents to be used by the Bidder, and safety precautions and programs incident thereto;
- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies or data are necessarily for the determination of this Bid for the performance of the Work at the price(s) and within the times and in accordance with the other terms and conditions of the Contract Documents;
- G. Bidder is aware of the general nature of the work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Contract Documents;
- H. Bidder has correlated the information known to the Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents;
- I. Bidder has given the Engineer written notice of all conflicts, errors, ambiguities or discrepancies that the Bidder has discovered in the Contract Documents, and the written resolution thereof by the Engineer is acceptable to the Bidder;
- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and the Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over the Owner.

The Bidder acknowledges and accepts the Owner's right to waive any and all Bid requirements and formalities.

Bidder will complete the Work in accordance with the Contract Documents for the following compensation:

Unit Prices have been computed in accordance with the General Conditions. Bidder acknowledges that the estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities provided, determined as provided in the Contract Documents.

Bidder agrees that the work will be substantially completed and ready for final payment in accordance with the General Conditions on or before the time frame outlined in the Summary of Work.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the time specified above, which shall be stated in the Agreement.

The terms used in this Bid with the initial capital letters have the meanings indicated in the General Conditions and Supplementary Conditions.

Submitted on this _____ day of _____, 20_____ .

State of Tennessee Contractor License No.

Classification _____; Expiration Date _____

Corporation Name: _____

State of Incorporation: _____

Business Address: _____

Phone Number _____ Fax Number _____

Special Note: In the event of a joint Venture Submittal, each joint venture must sign.

Email Address _____

Type (Corporation, Partnership, Limited Liability Corporation):

By: _____

(Signature of Authorized Agent - Attach Evidence of Authority)

Name (type or Print) _____ Title _____

(Corporate Seal, if applicable)

Attest _____

(Signature of Corporate Secretary, if applicable)

**Hardin Valley Road Sidewalk Extension
 BID NO. 3421
 BID FORM**

ESTIMATED SIDEWALK QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1		
201-01	CLEARING AND GRUBBING	LS	1		
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1		
203-01	SIDEWALK AND DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	115		
203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	270		
203-06	WATER	MG	1		
209-05	SEDIMENT REMOVAL	C.Y.	50		
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	550		
303KC01	MINERAL AGGREGATE MAINTENANCE STONE	TON	75		
303KC01.01	MINERAL AGGREGATE, TYPE A BASE, GRADING D (DEPTH=8")	S.Y.	200		
307KC03	BITUMINOUS PLANT MIX BAS (HOT MIX) GRADING BM-2 (DEPTH=2.5")	S.Y.	200		
402KC01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	S.Y.	200		
403KC01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	S.Y.	200		
411KC01	ASPHALTIC CONCRETE SURFACING (HOT MIX) GRADING D (DEPTH=1.5 INCHES)	S.Y.	200		
604-07.30	RETAINING WALL (GRAVITY-TYPE)	L.F.	11		
607-03.30	18" FLEXIBLE PIPE CULVERT (HDPE)	L.F.	53		
607KC01	PRECAST ENDWALL 18"	EACH	2		
611-01.01	MANHOLES 0'-4' DEPTH	EACH	3		
701-01.01	CONCRETE SIDEWALK (4")	S.F.	3,950		
701KC02.03	CONCRETE CURB RAMP	EACH	4		
702-01	CONCRETE CURB	C.Y.	6		
702-03	CONCRETE COMBINED CURB AND GUTTER	C.Y.	16		
709-05.06	MACHINED RIP-RAP CLASS A-1	TON	50		
712-01	TRAFFIC CONTROL	LS	1		
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	21		
712-06	SIGNS (CONSTRUCTION)	S.F.	200		
712-08.03	ARROW BOARD (TYPE C)	EACH	1		
713-KC16.20	SIGNS (PERMANENT)	LS	1		

713-15.35	METAL BARRICADE (TYPE III)	EACH	1		
716KC02.01	PLASTIC PAVEMENT MARKING (4")	L.F.	70		
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	21		
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	3		
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSSWALK)	L.F.	75		
716KC04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	L.F.	50		
717-01	MOBILIZATION	LS	1		
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	5		
801-06.11	STRAW WATTLES (STANDARD)	L.F.	710		
803-01	SODDING (NEW SOD)	S.Y.	2,400		

Grand Total of Unit Prices \$ _____
(Grand Total Bid in words) _____)

DESIGN PLANS

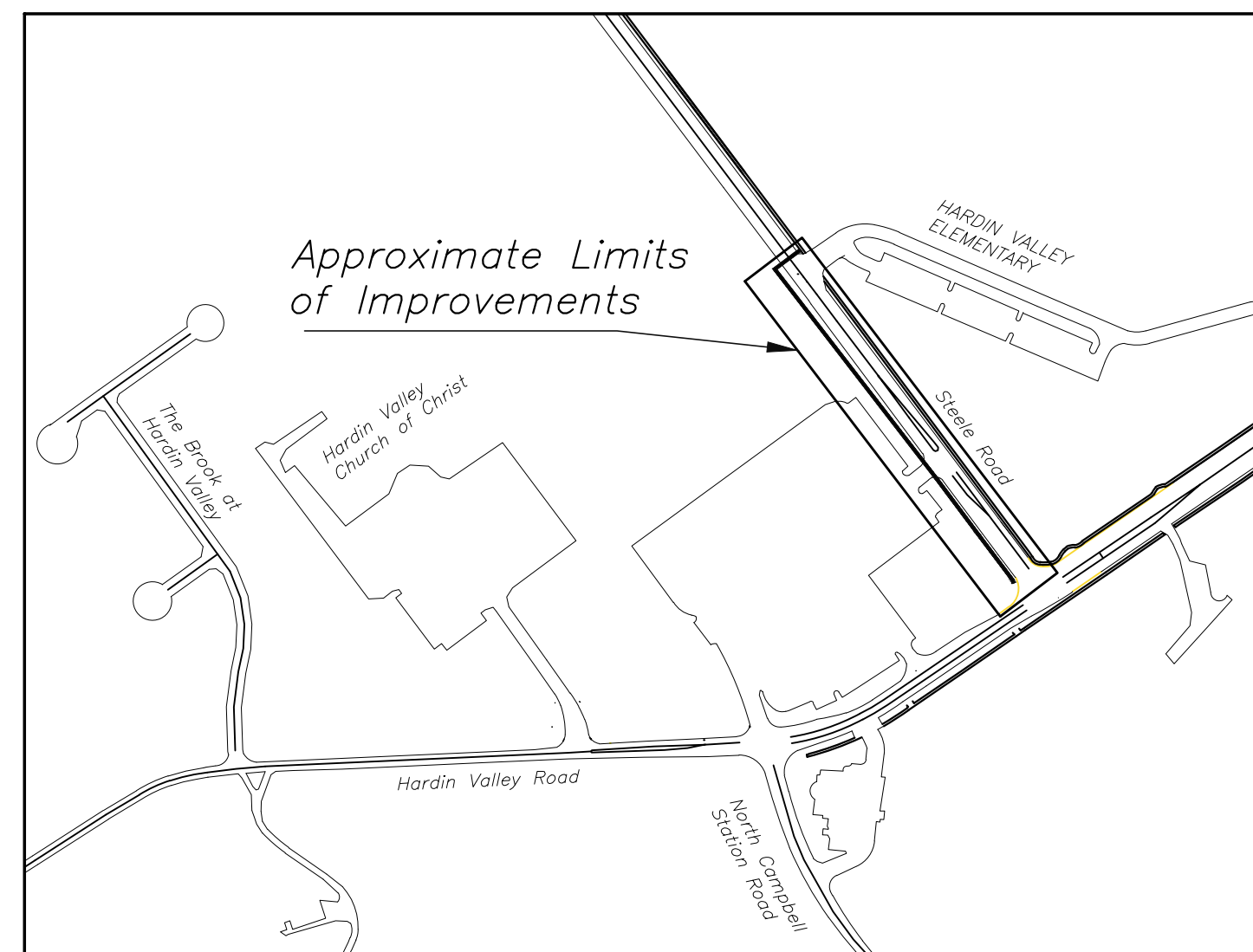
HARDIN VALLEY ROAD SIDEWALK EXTENSION

DISTRICT NO. W6
KNOX COUNTY, TENNESSEE



ENGINEER:
URBAN ENGINEERING, INC.
 10330 HARDIN VALLEY RD., SUITE #201
 KNOXVILLE, TN 37932
 (865) 966-1924

DEVELOPER:
KNOX COUNTY ENGINEERING & PUBLIC WORKS
 205 W. BAXTER AVENUE
 KNOXVILLE, TN 37917
 CONTACT: AARON FRITTS, P.E.
 PHONE: (865) 215-5830
 FAX: (865) 215-5810



LOCATION MAP
N.T.S.

SHEET INDEX

<u>TITLE</u>	<u>SHEET</u>
TITLE SHEET	1
TYPICAL SECTIONS, DETAILS, LIST OF STANDARD DRAWINGS AND UTILITIES	2
GENERAL NOTES AND ESTIMATED QUANTITIES	3
PRESENT LAYOUT	4
PROPOSED LAYOUT	5
EROSION CONTROL PLAN	6
DRIVEWAY PROFILE	7
DRAINAGE PROFILE	8
CONSTRUCTION WORK ZONE AND PAVEMENT EDGE DROPOFF NOTES	9
TRAFFIC CONTROL PLANS	10
CROSS SECTIONS	11

COMMISSIONERS

<u>DISTRICT/SEAT</u>	<u>NAME</u>
CHAIRWOMAN (2ND DISTRICT)	COURTNEY DURRETT
VICE CHAIRWOMAN (6TH DISTRICT)	TERRY HILL
1ST DISTRICT	DASHA LUNDY
3RD DISTRICT	GINA OSTER
4TH DISTRICT	KYLE WARD
5TH DISTRICT	JOHN SCHOONMAKER
7TH DISTRICT	RHONDA LEE
8TH DISTRICT	RICHIE BEELER
9TH DISTRICT	CARSON DAILEY
AT LARGE (SEAT 10)	LARSEN JAY
AT LARGE (SEAT 11)	KIM FRAZIER

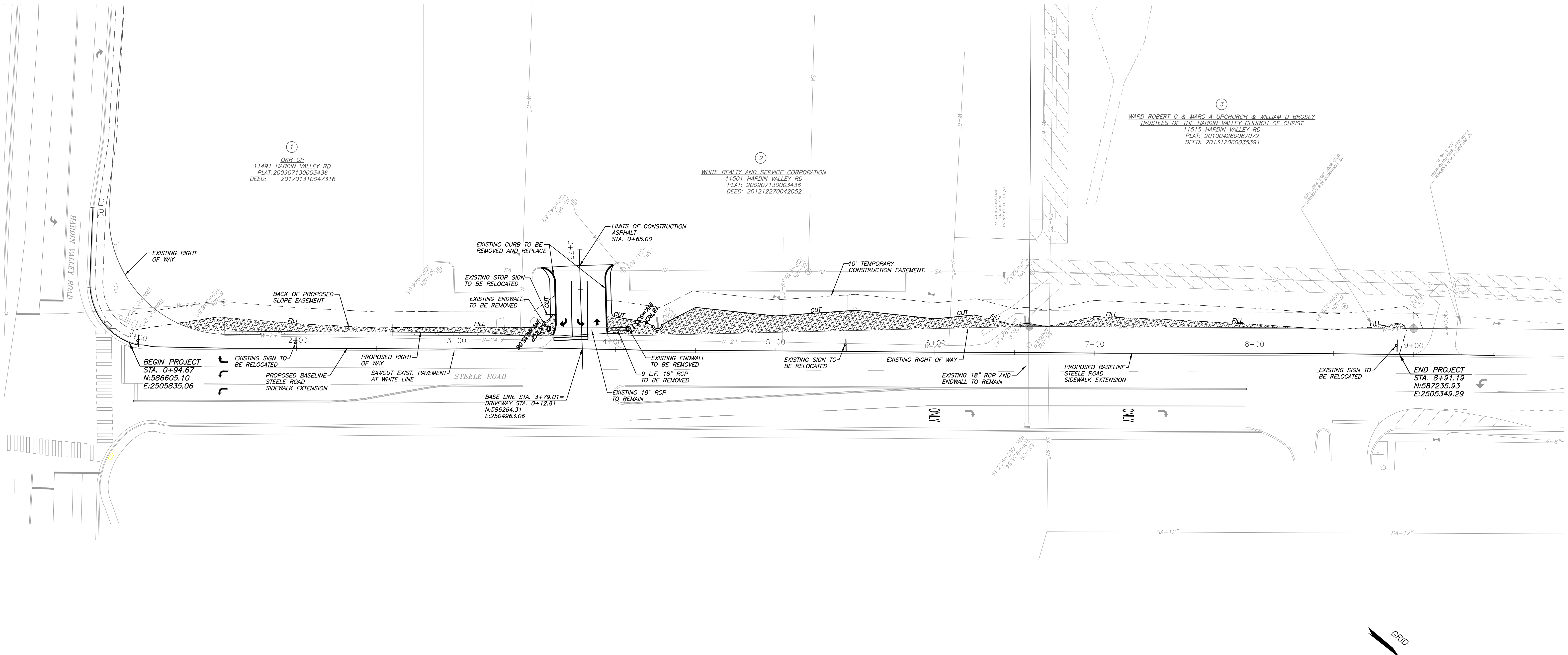
APPROVED BY:

 GLENN JACOBS, KNOX COUNTY MAYOR

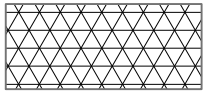
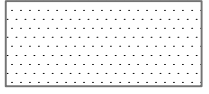








APPROVED BY:

 AARON FRITTS, P.E. KNOX COUNTY ENGINEERING AND PUBLIC WORKS

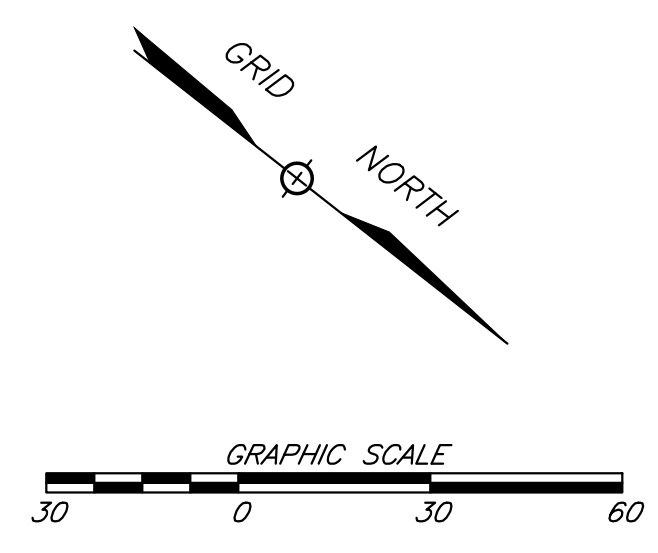
TYPE	YEAR	PROJECT NO	SHEET NO
CONSTRUCTION	2023	HARDIN VALLEY SIDEWALK	4



LEGEND:

-  PROPOSED SLOPE EASEMENT
-  PROPOSED RIGHT OF WAY ACQUISITION
-  EXISTING SIGN
-  WATER VALVE
-  GAS VALVE
-  WATER METER
-  EXIST. GAS LINE
-  EXIST. WATER LINE
-  EXIST. SANITARY SEWER LINE
-  OVERHEAD UTILITY LINE

PROPERTY & EASEMENT ACQUISITION TABLE							
TRACT NO.	PROPERTY OWNER	TAX MAP NO.	COUNTY RECORDS			EASEMENT (S.F.)	
			PARCEL	DEED BK	PAGE	ROW (S.F.)	SLOPE CONST.
1	OKR GP	117	5.15	201701310047316	258	761	1620
2	WHITE REALTY AND SERVICE CORPORATION	117	5.14	201212270042052	159	2910	3569
3	WARD ROBERT C & MARC A UPCHURCH & WILLIAM D BROSEY TRUSTEES OF THE HARDIN VALLEY CHURCH OF CHRIST	117	6.44	201312060035391	0	627	2500



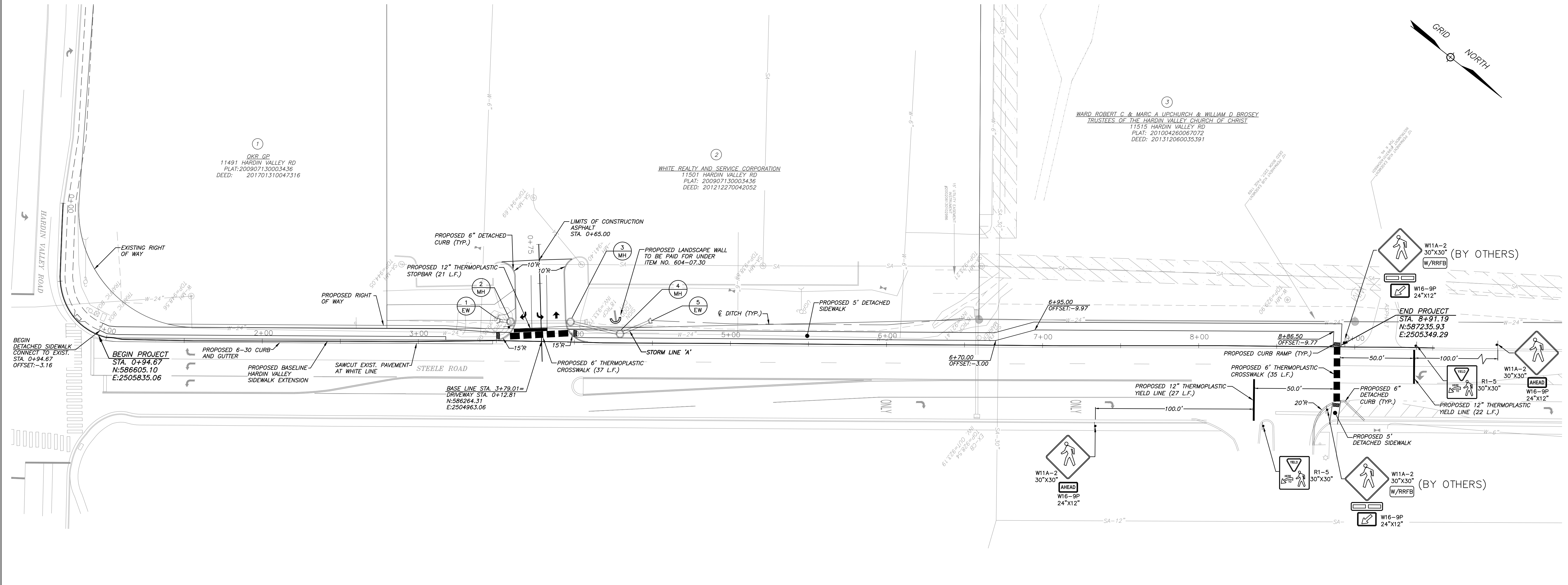
ENGINEER:
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 10330 HARDIN VALLEY ROAD, SUITE 201
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 (865) 966-1924

OWNER:
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 CONTACT: AARON FRITTS, P.E.
 PHONE: (865) 215-5830
 FAX: (865) 215-5810



NO.	DATE	REVISIONS	BY	CHKD.
1	5/18/23	ADDENDUM 1	CAS	CAS

TYPE	YEAR	PROJECT NO	SHEET NO
CONSTRUCTION	2023	HARDIN VALLEY SIDEWALK	5



STORM DRAIN PIPE CULVERTS

NO.	FROM ELEVATION	TO NO.	TO ELEVATION	SLOPE (%)	LENGTH (FT)	SIZE & MATERIAL	BEDDING (C.Y.)
1	935.55	2	935.16	7.36	5.3	18" HDPE	2
2	EXISTING	3	EXISTING	-	-	EXISTING 18" RCP	-
3	933.51	4	931.63	6.51	28.9	18" HDPE	11
4	931.53	5	931.33	1.08	18.5	18" HDPE	7

TOTAL BEDDING=20 C.Y.

DRAINAGE STRUCTURES

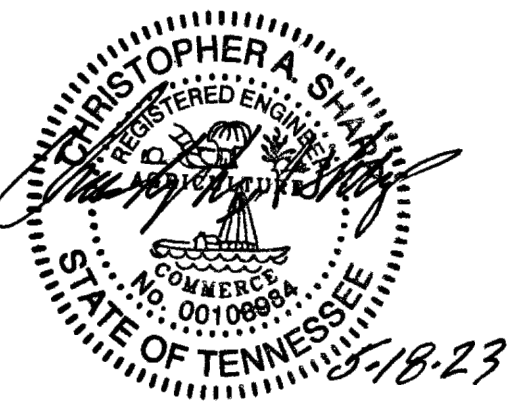
NO.	STRUCTURE LOCATION	ROAD NAME	STRUCT. TYPE	TOP	LOWEST INVERT	HEIGHT (FT)	STD DWG NO	FOOTNOTE
1	12.84' LT	3+51.72	STEELE	ENDWALL	--	935.55	--	SUPPLIER 1
2	12.31' LT	3+58.82	STEELE	NO. 3 MH	938.35	935.06	3.3	D-MH-2 2
3	12.85' LT	3+97.30	STEELE	NO. 3 MH	937.00	933.51	3.5	D-MH-2 2
4	5.76' LT	4+29.19	STEELE	NO. 3 MH	934.29	931.53	2.8	D-MH-2 2
5	13.82' LT	4+47.91	STEELE	ENDWALL	--	931.33	--	SUPPLIER 1

FOOTNOTES:
1. INVERT AND STATION IS AT END OF PIPE.
2. WITH POURED CONCRETE INVERT.



- LEGEND:**
- X— EXISTING SIGN
 - W-4 WATER VALVE
 - W-6 GAS VALVE
 - W-8 WATER METER
 - G— EXIST. GAS LINE
 - W— EXIST. WATER LINE
 - SA— EXIST. SANITARY SEWER LINE
 - E— OVERHEAD UTILITY LINE

PEDESTRIAN SIGNAL NOTE:
PUSH BUTTONS, POLES AND ACCESSORIES THERETO TO BE INSTALLED BY OTHERS. STRIPING AND SIGNAGE TO BE INCLUDED IN THE BID PRICE.

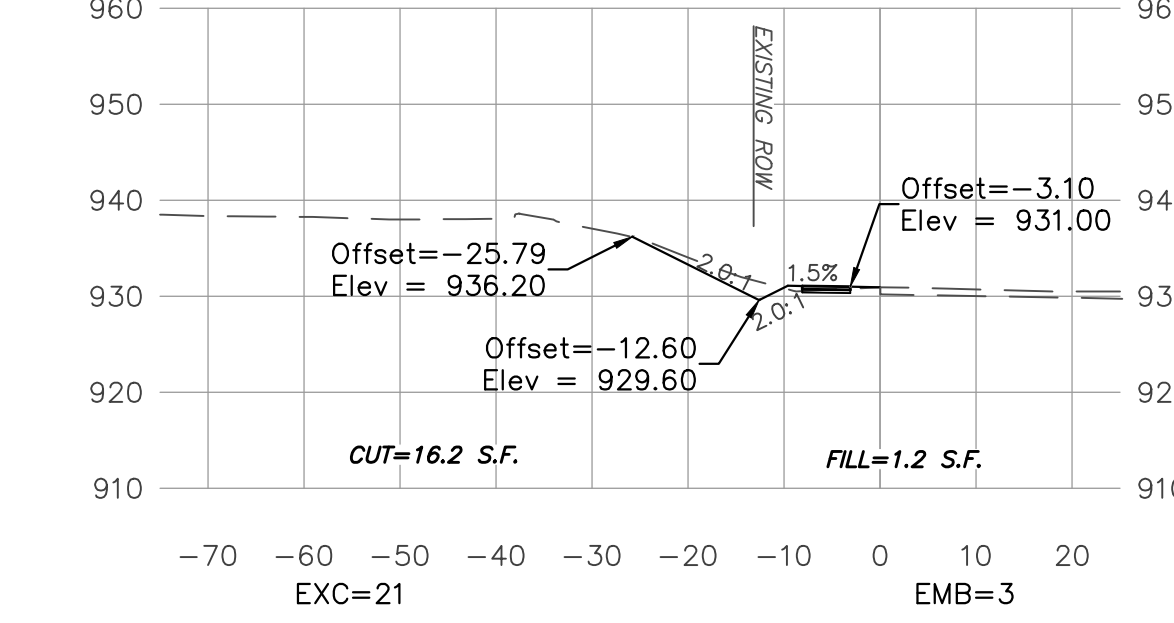
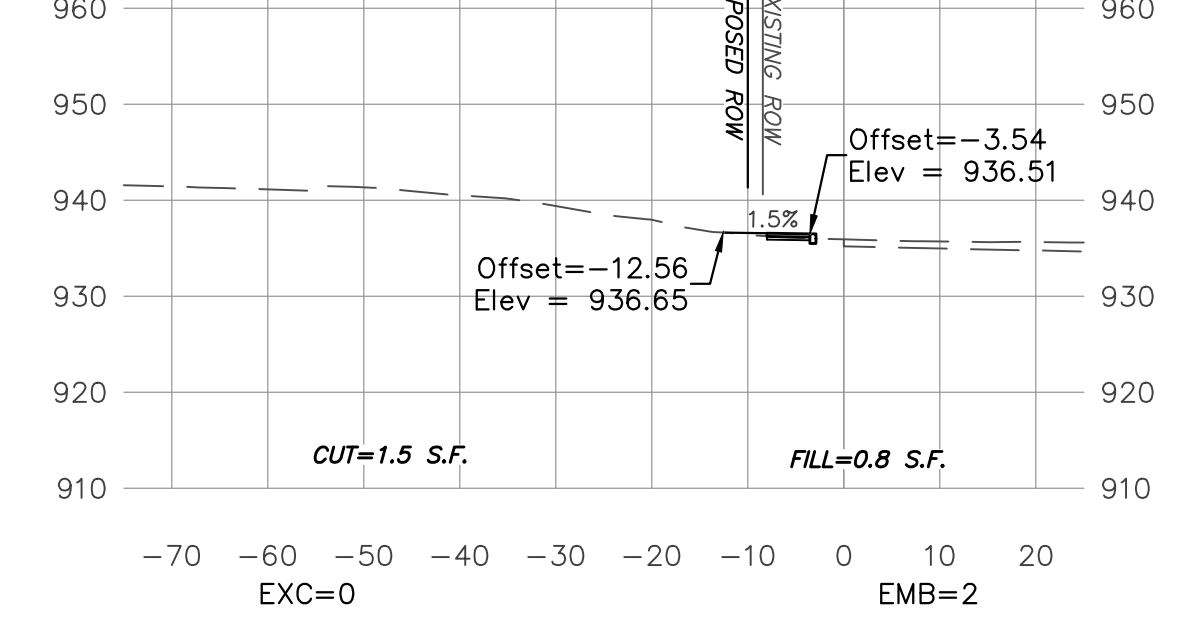
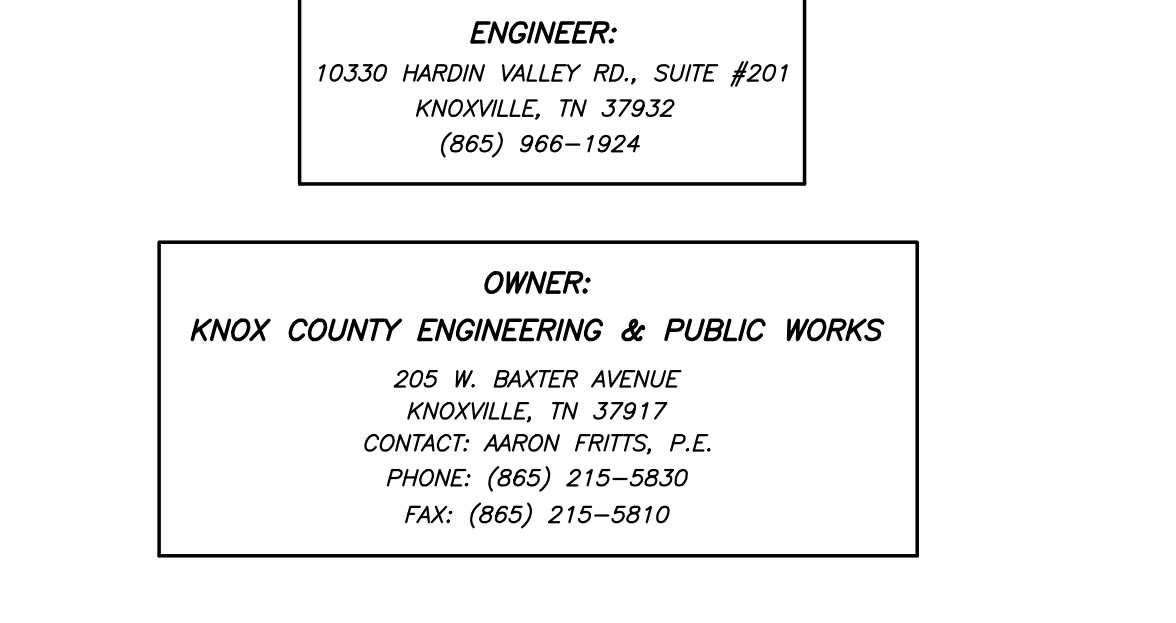
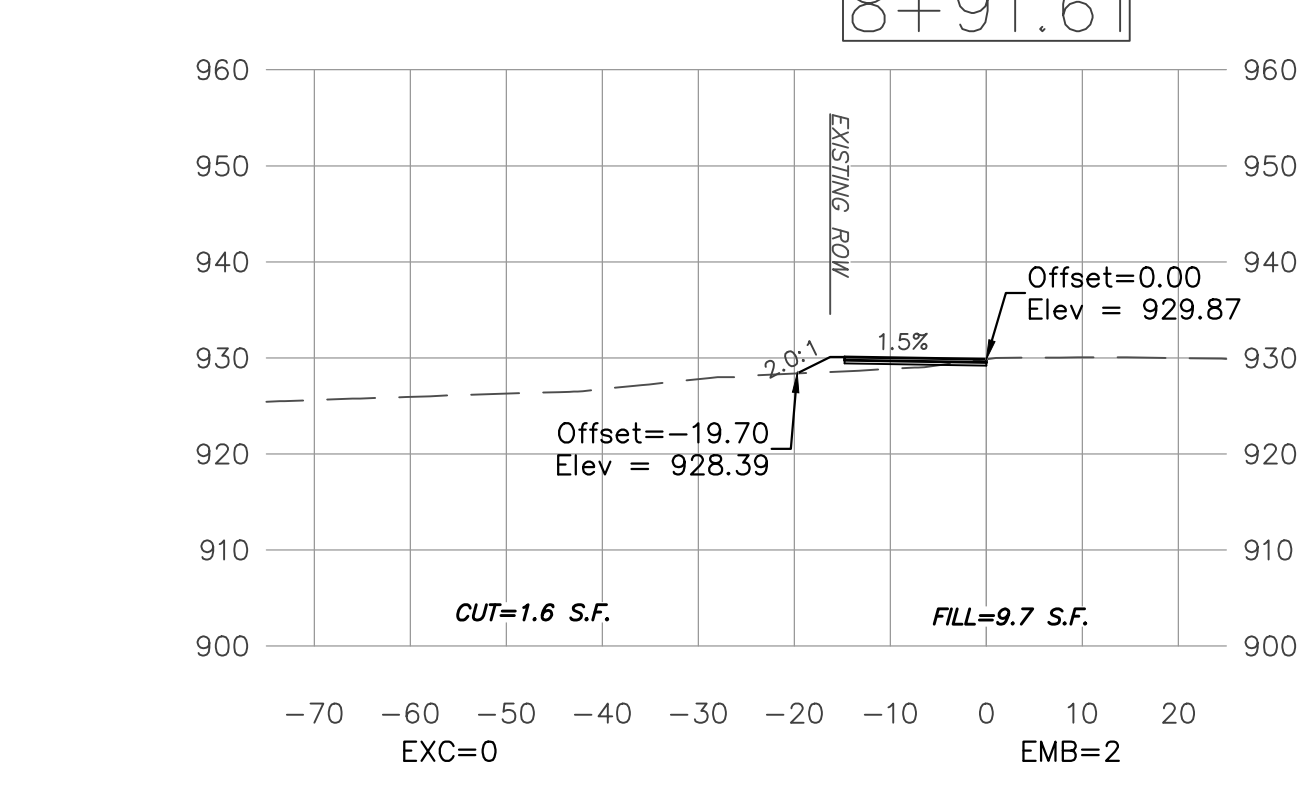
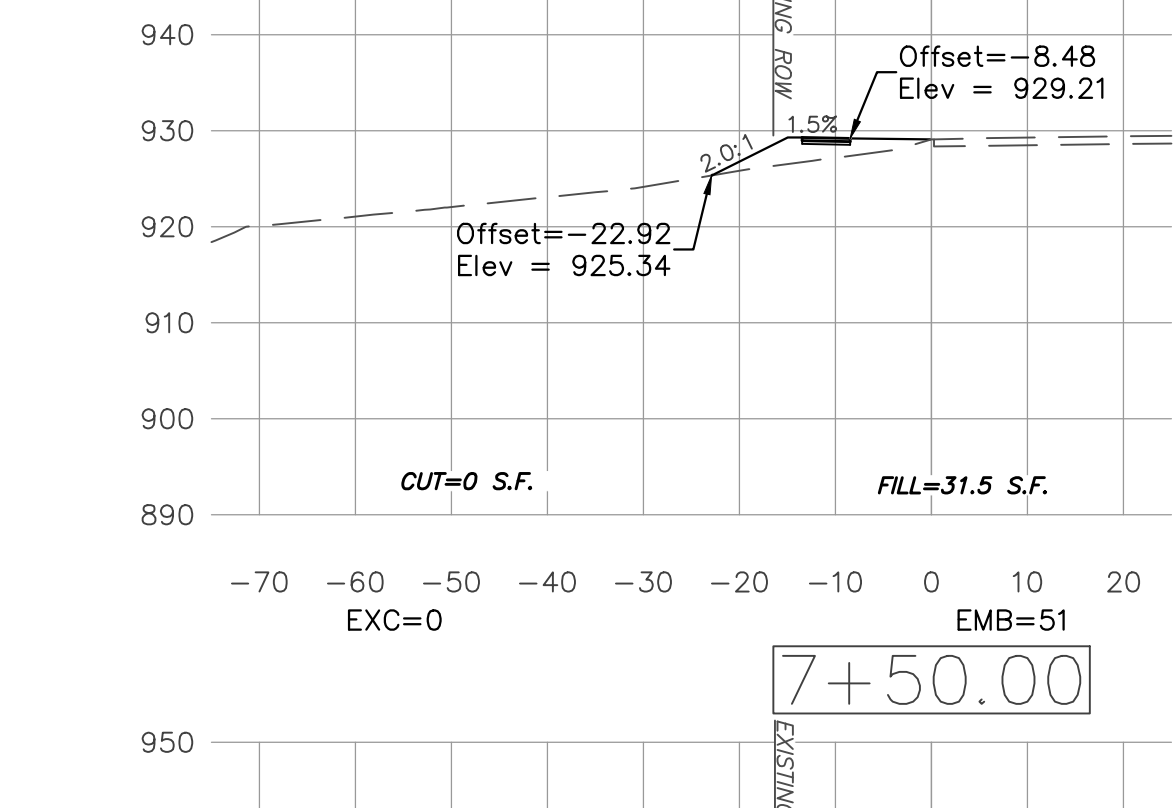
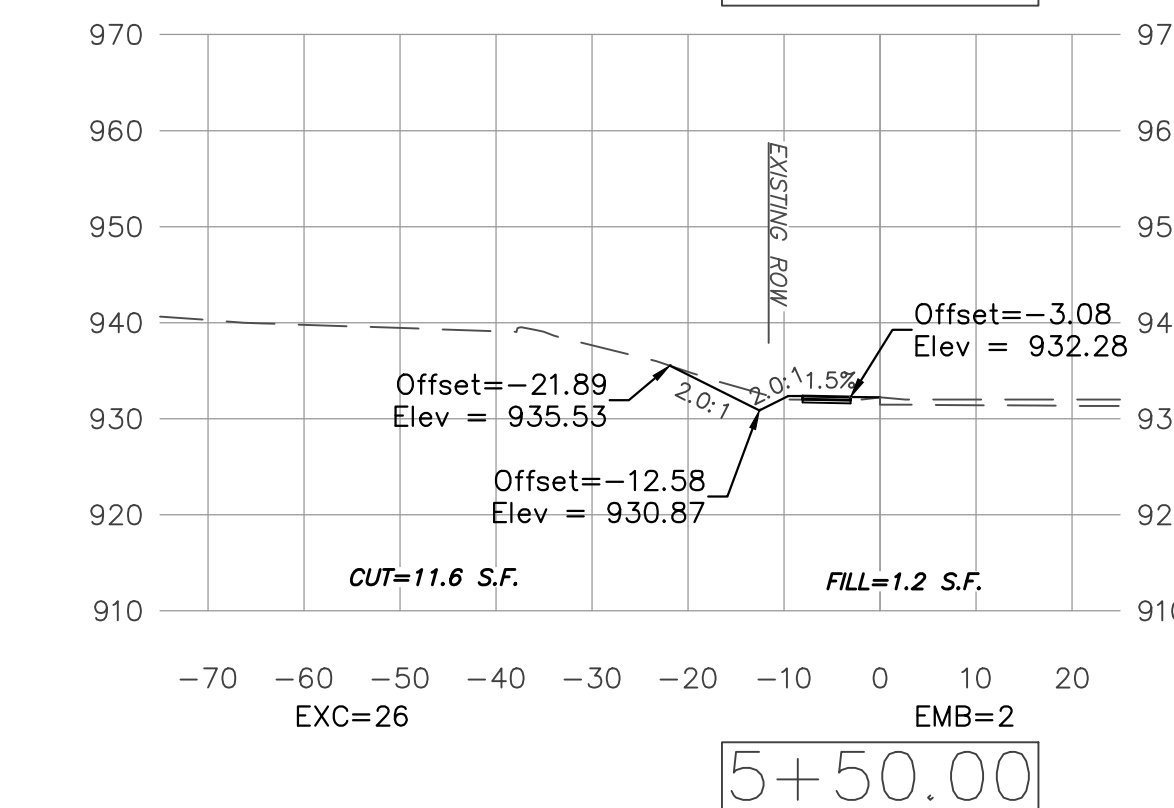
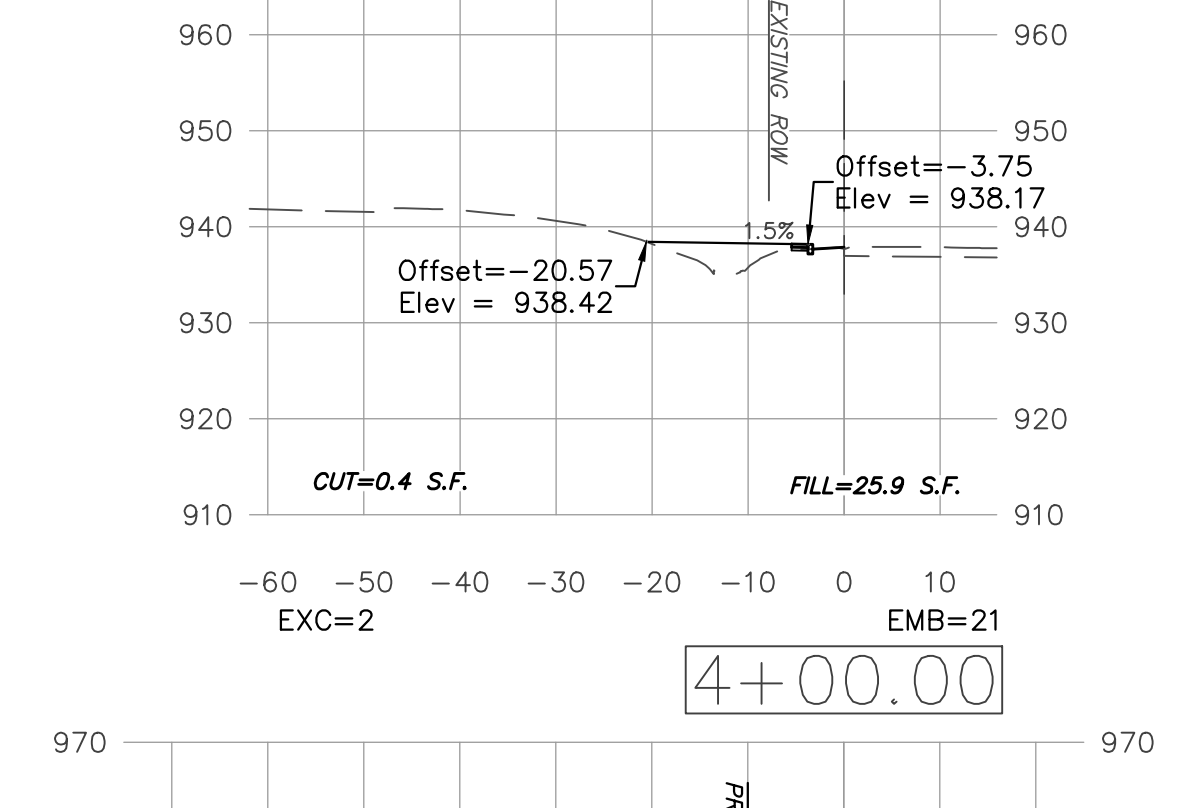
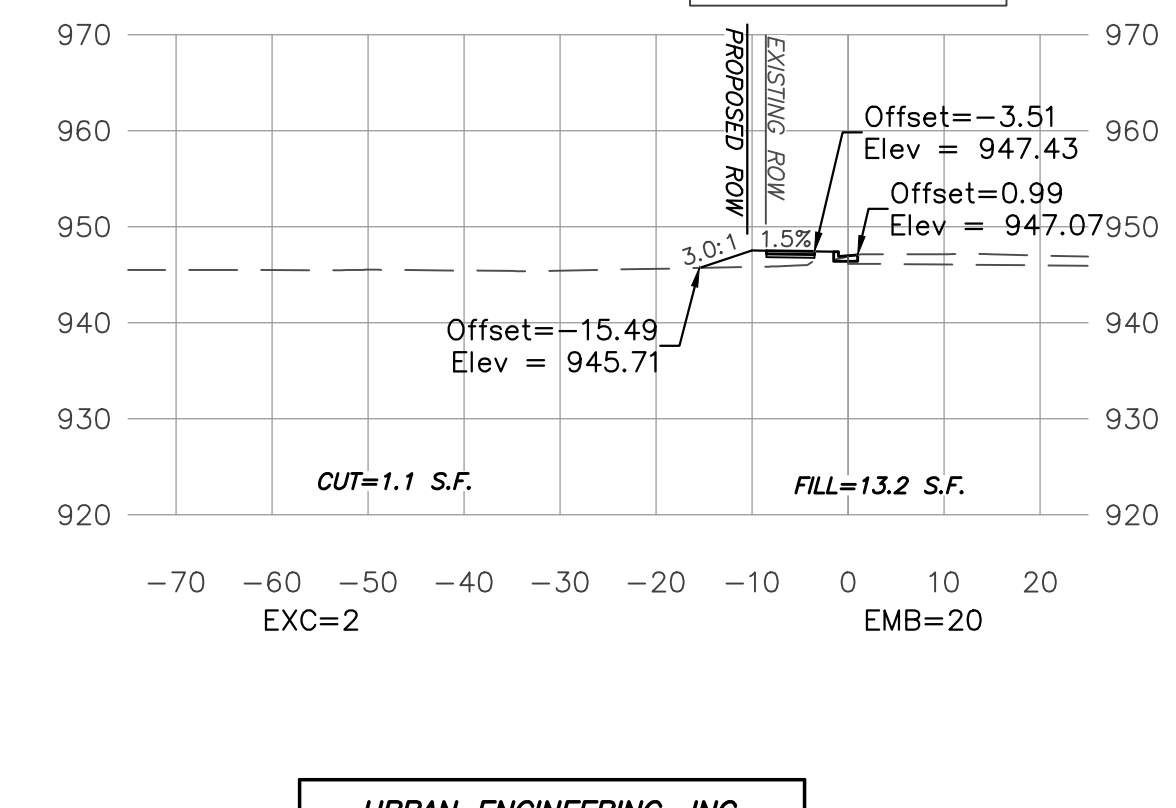
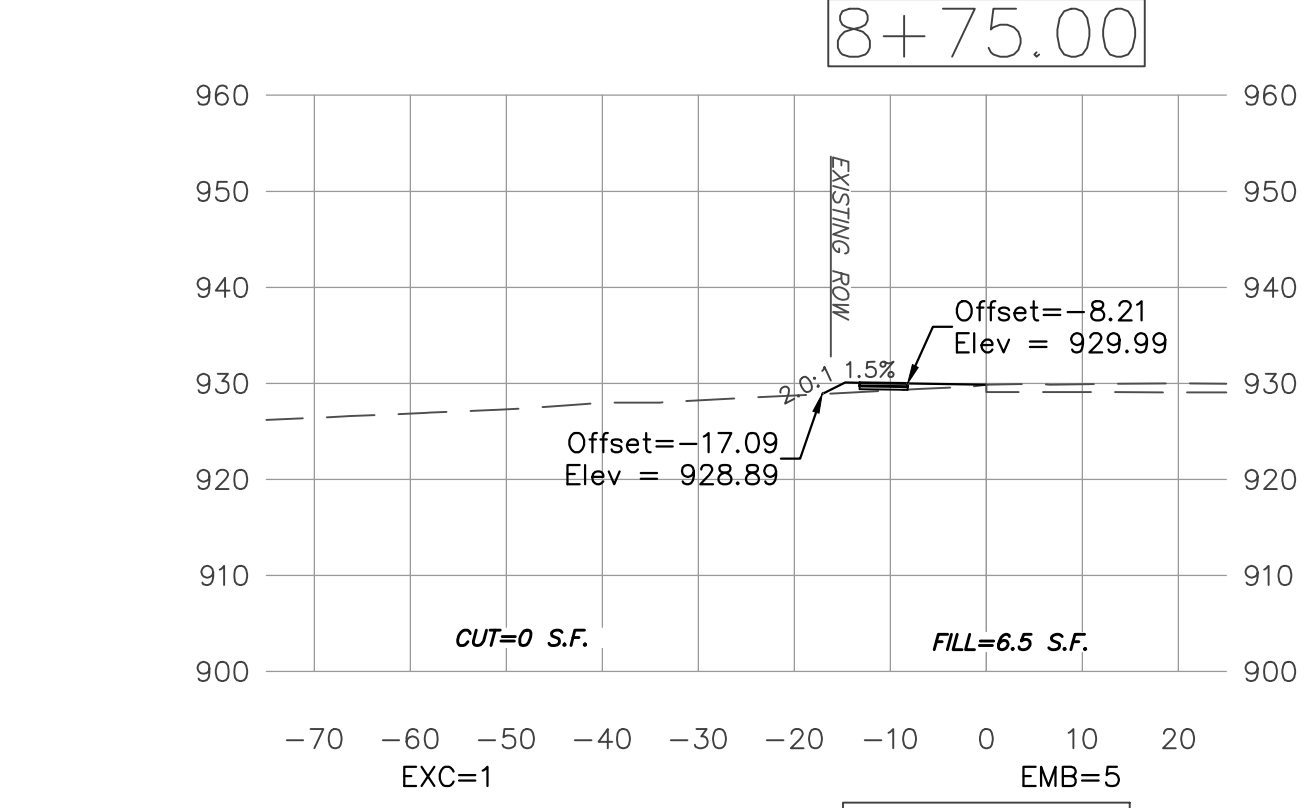
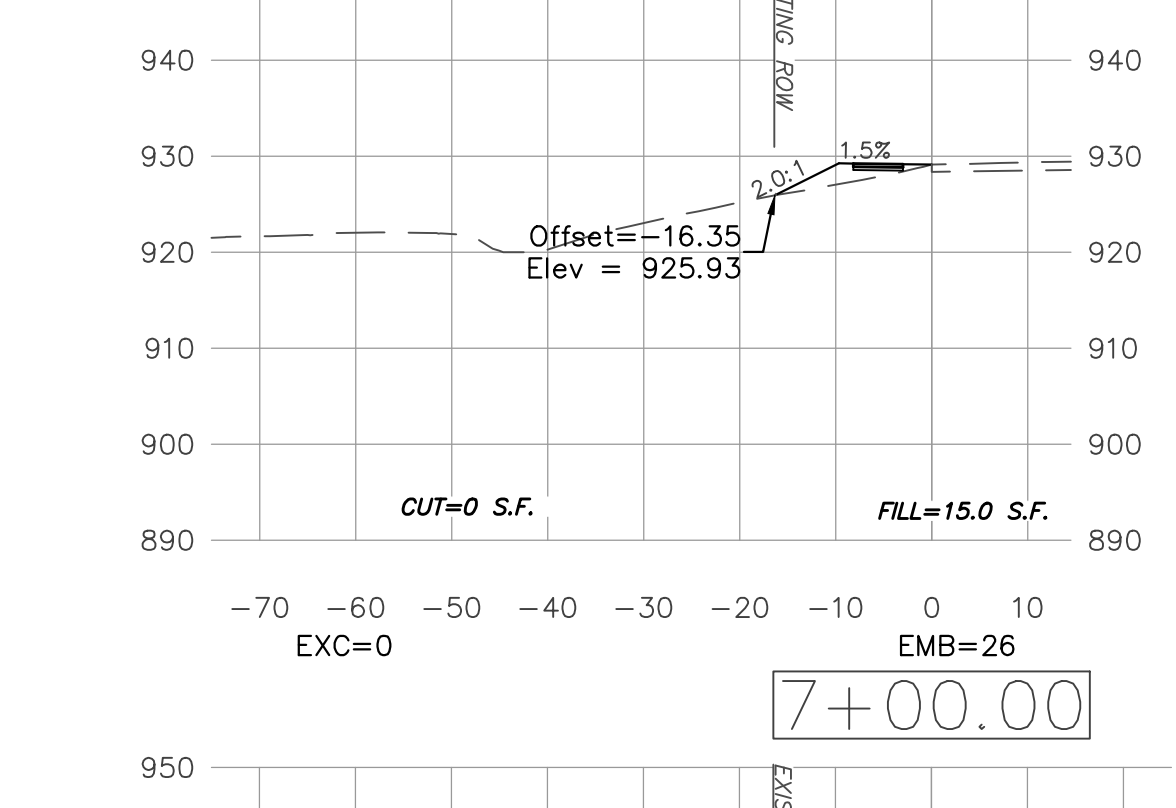
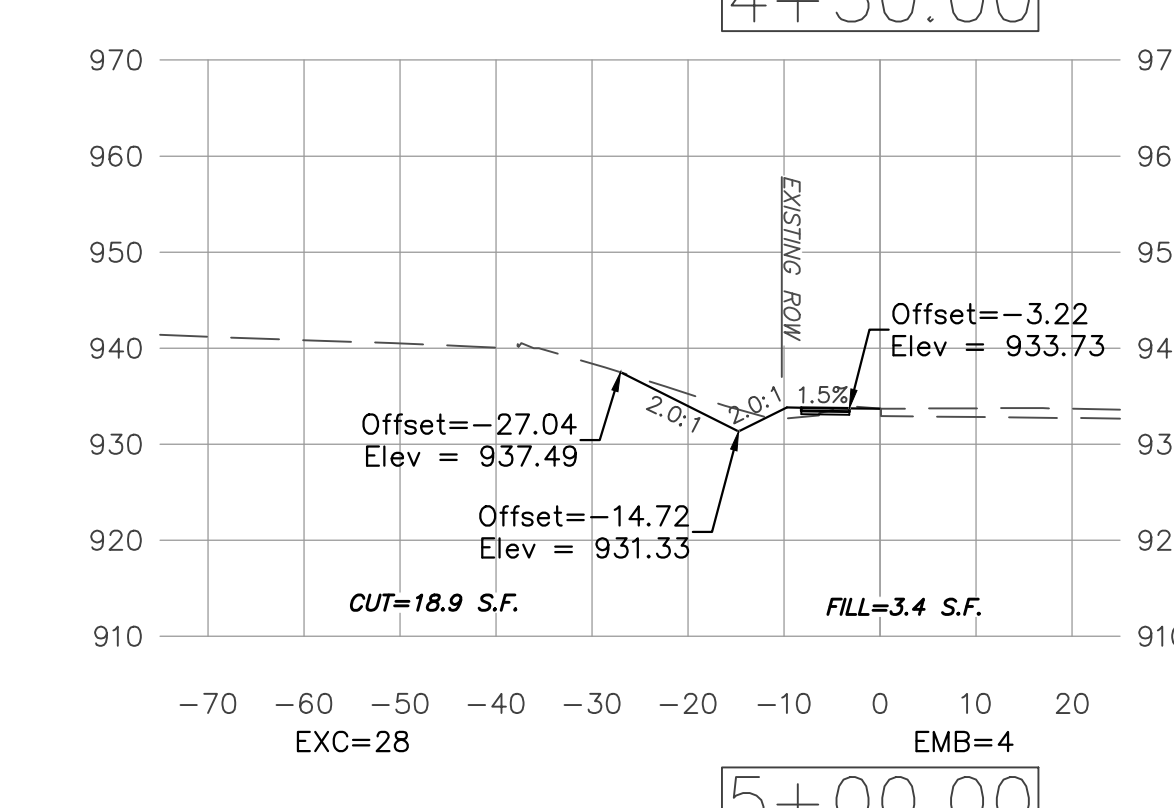
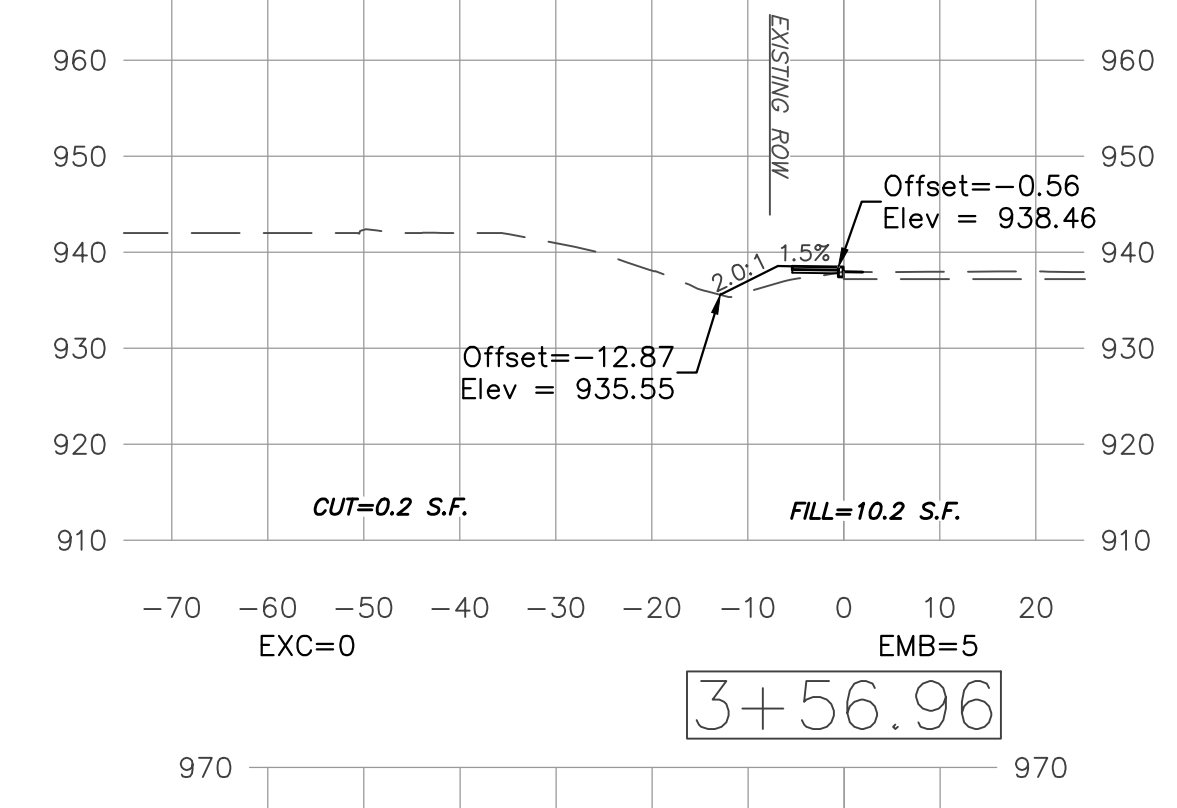
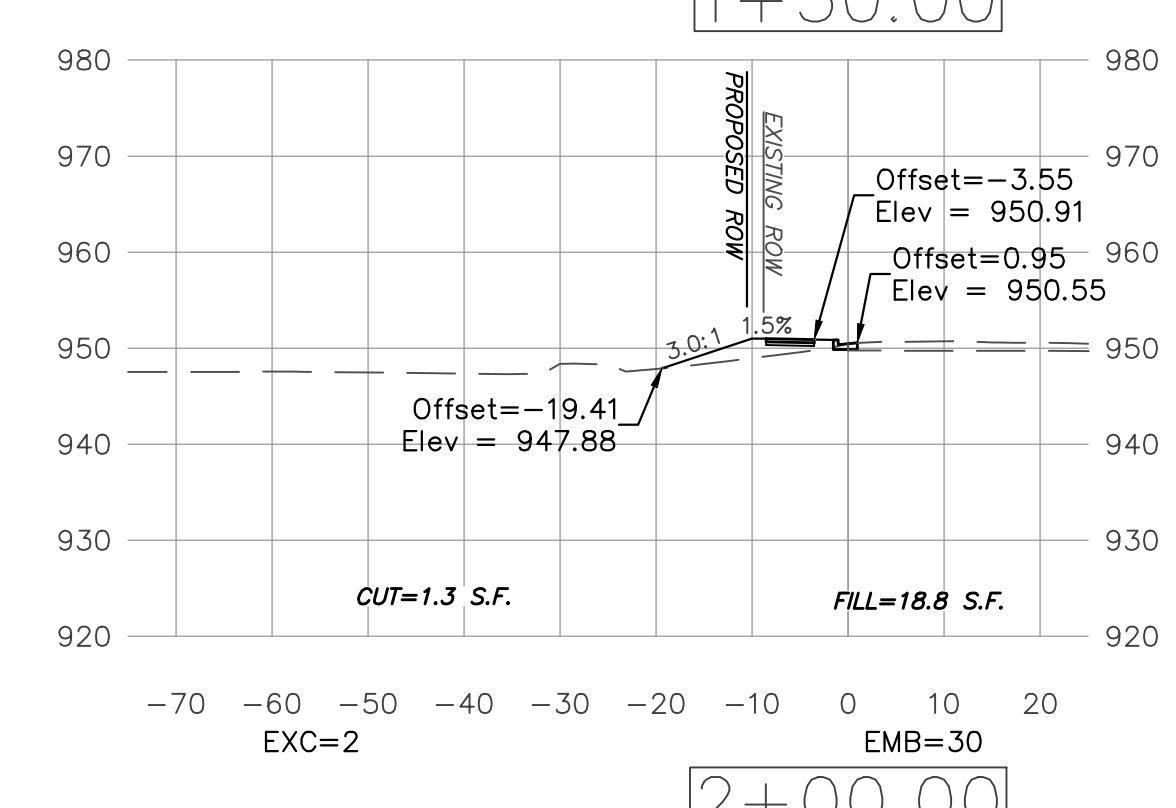
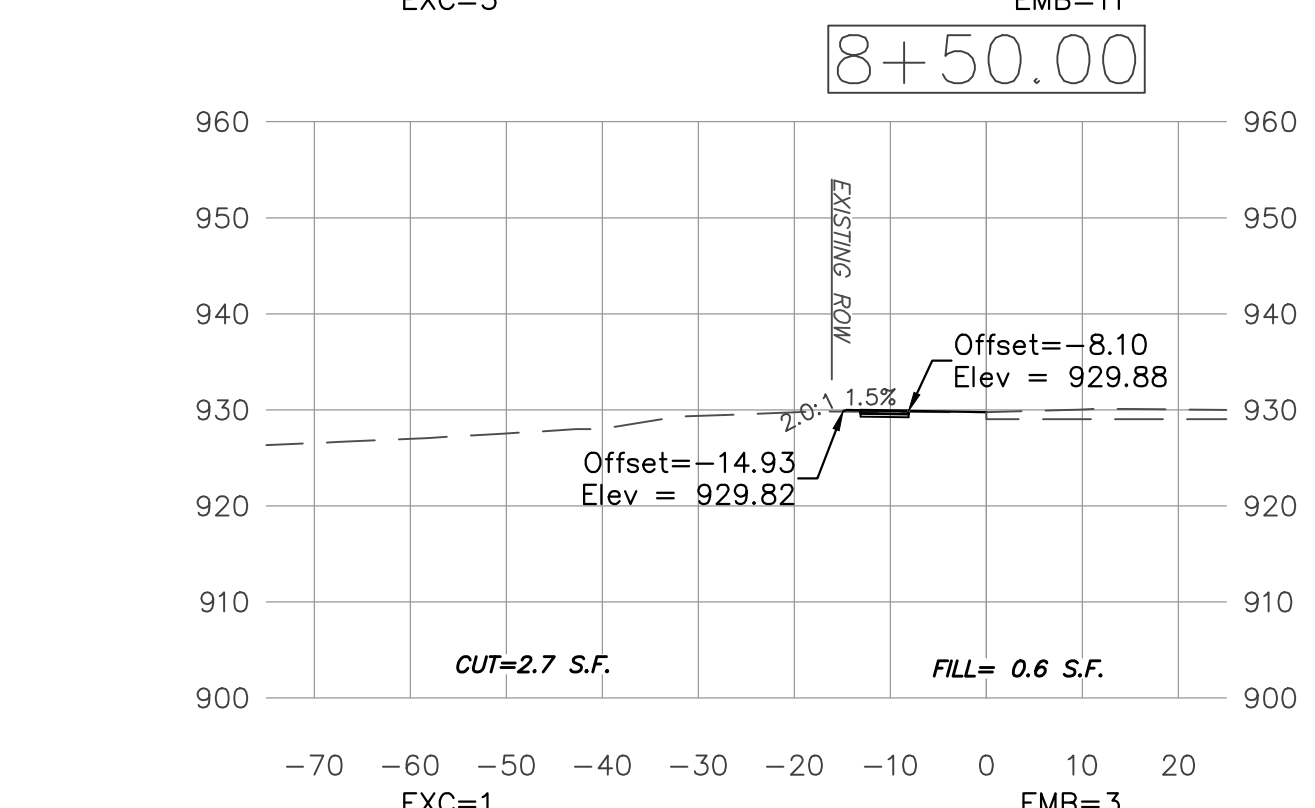
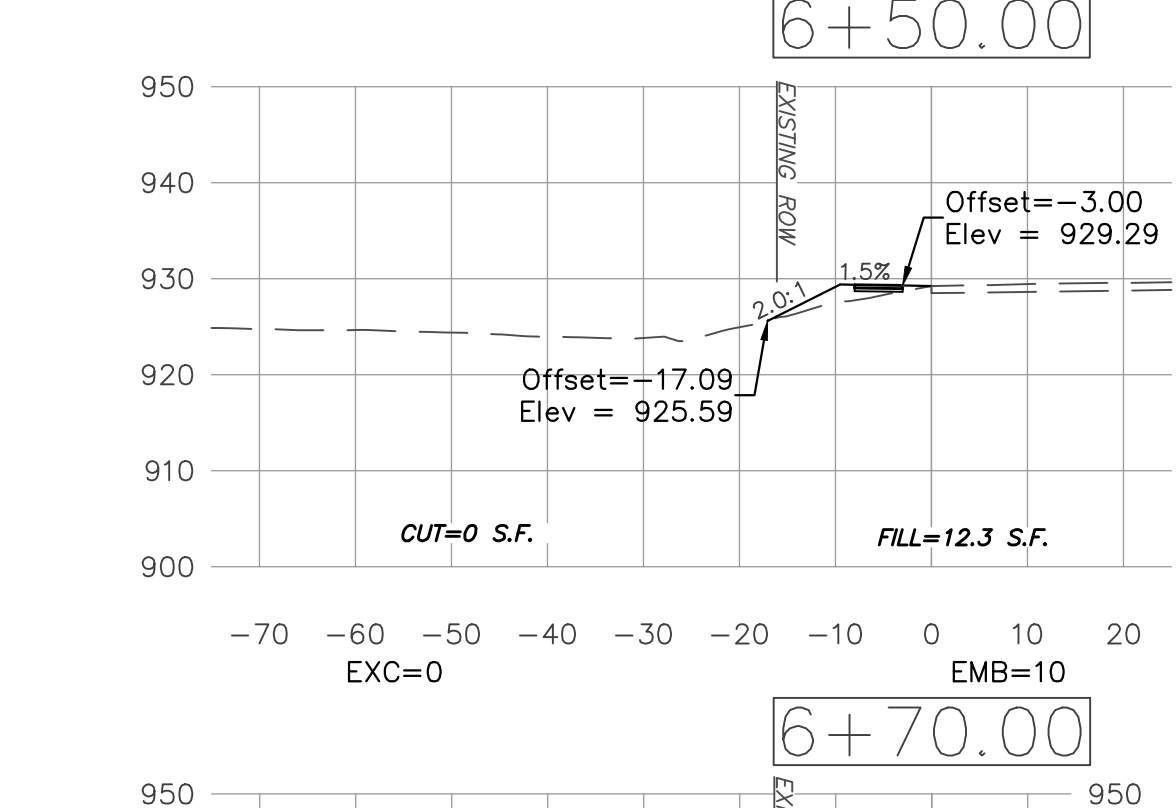
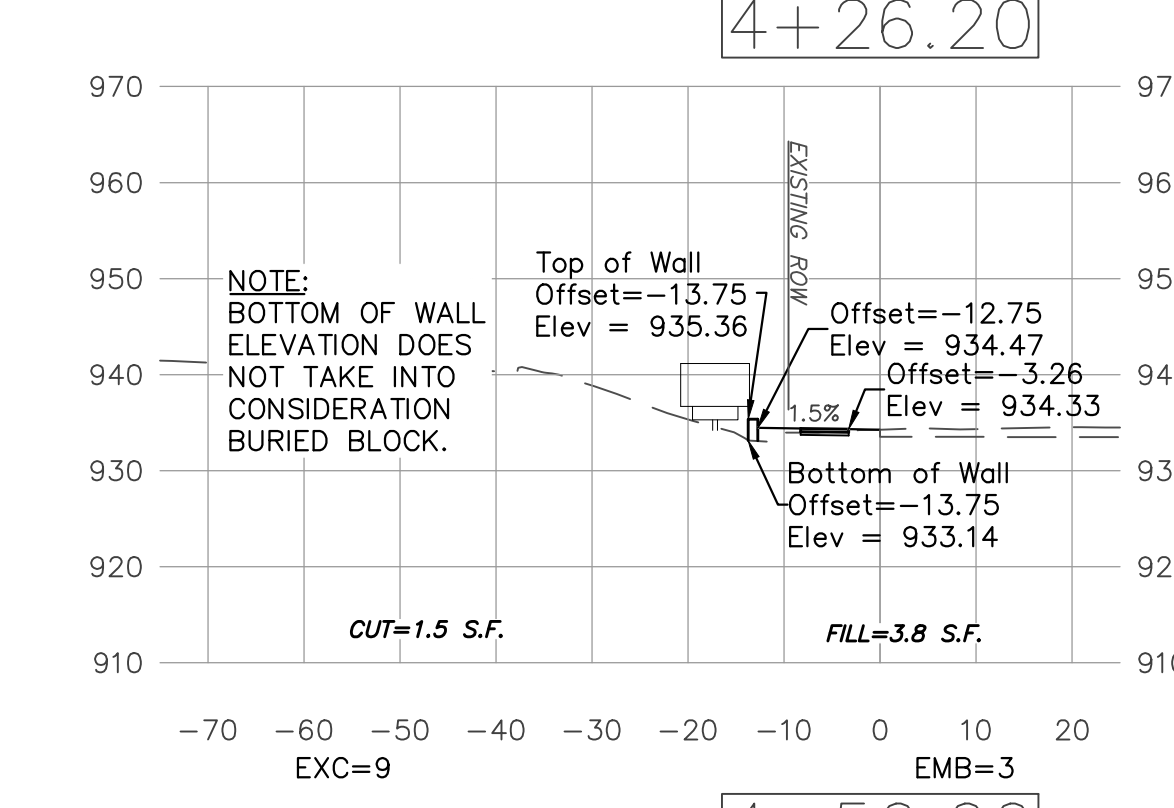
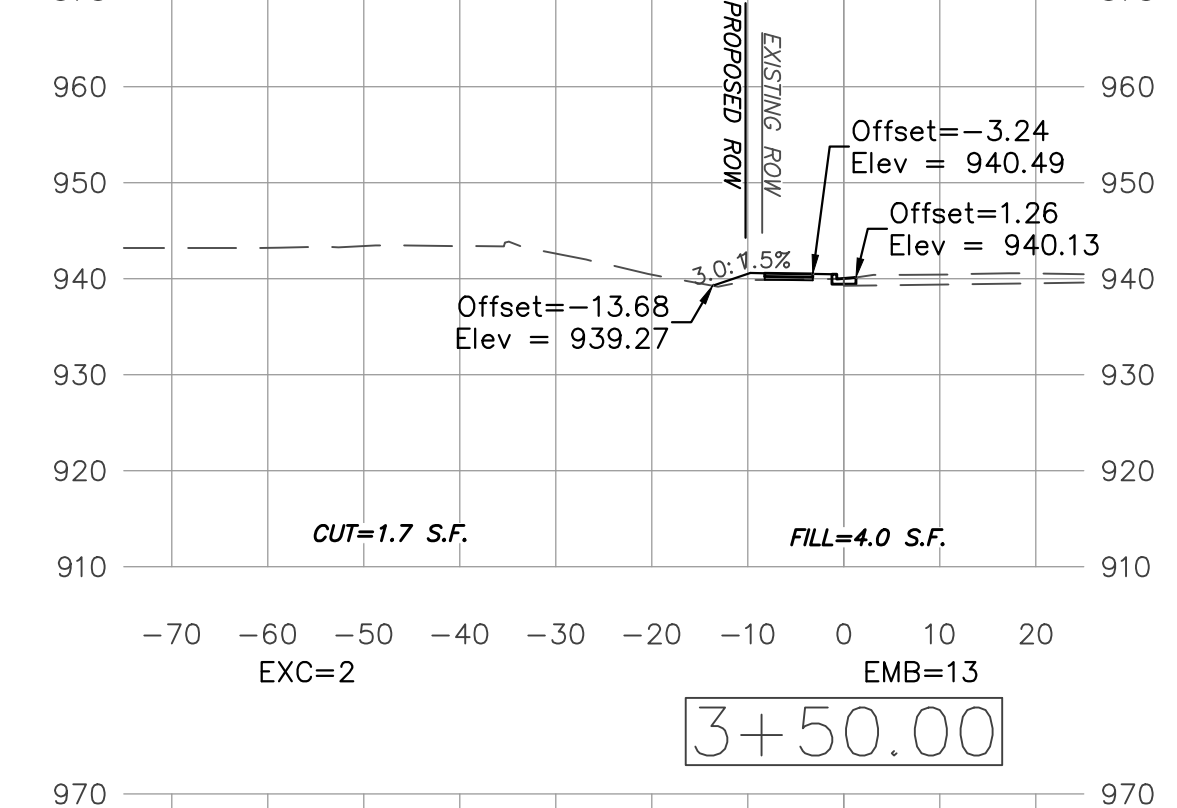
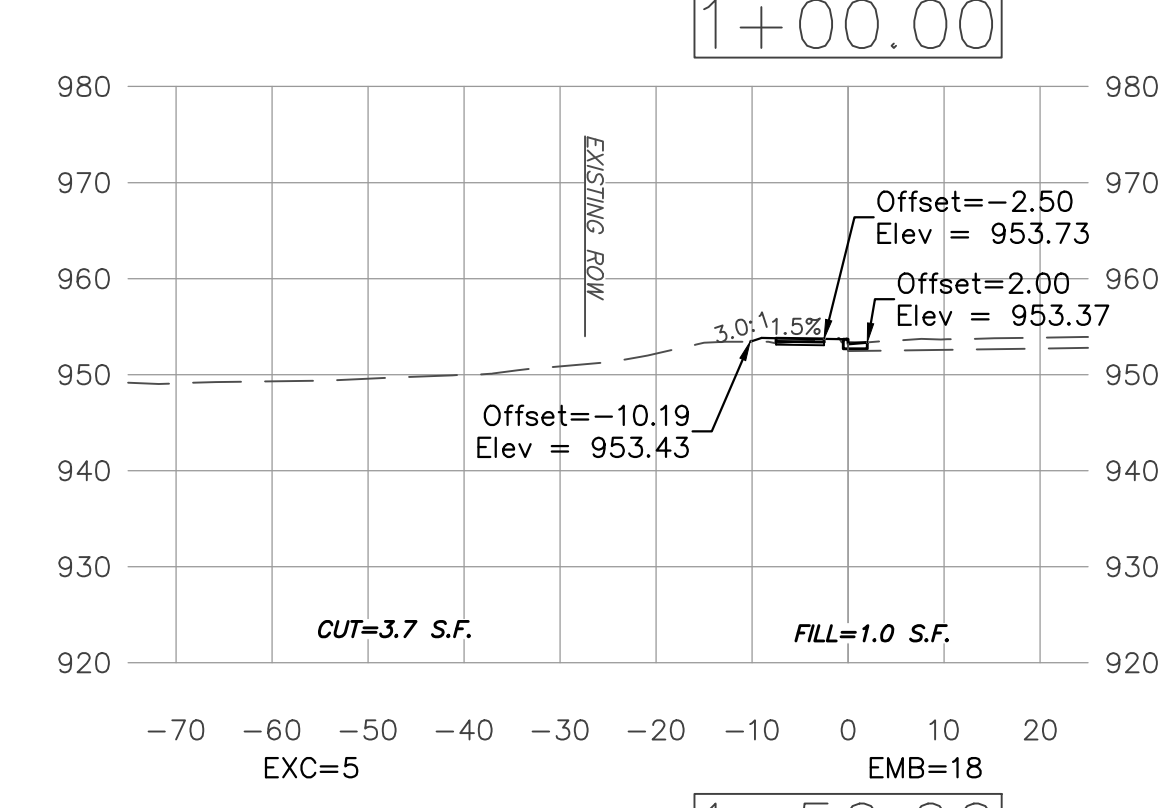
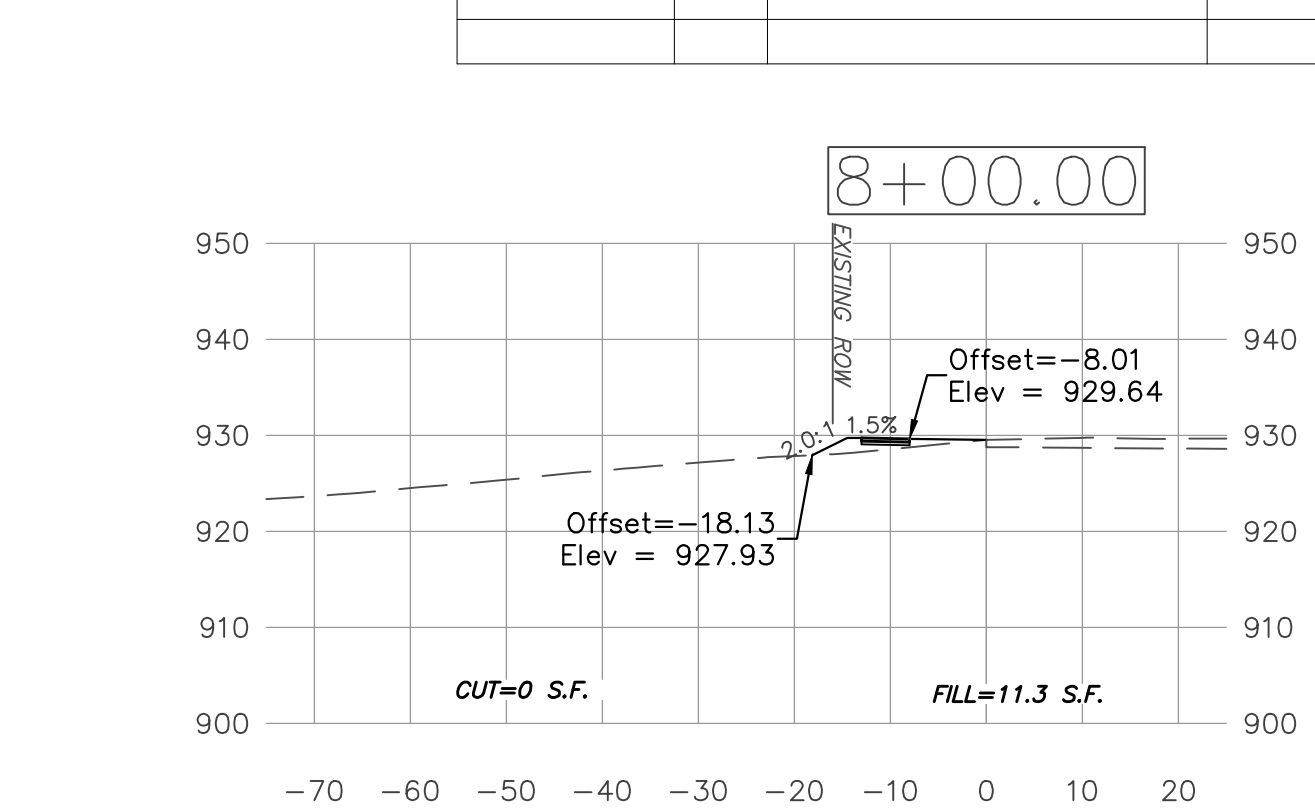
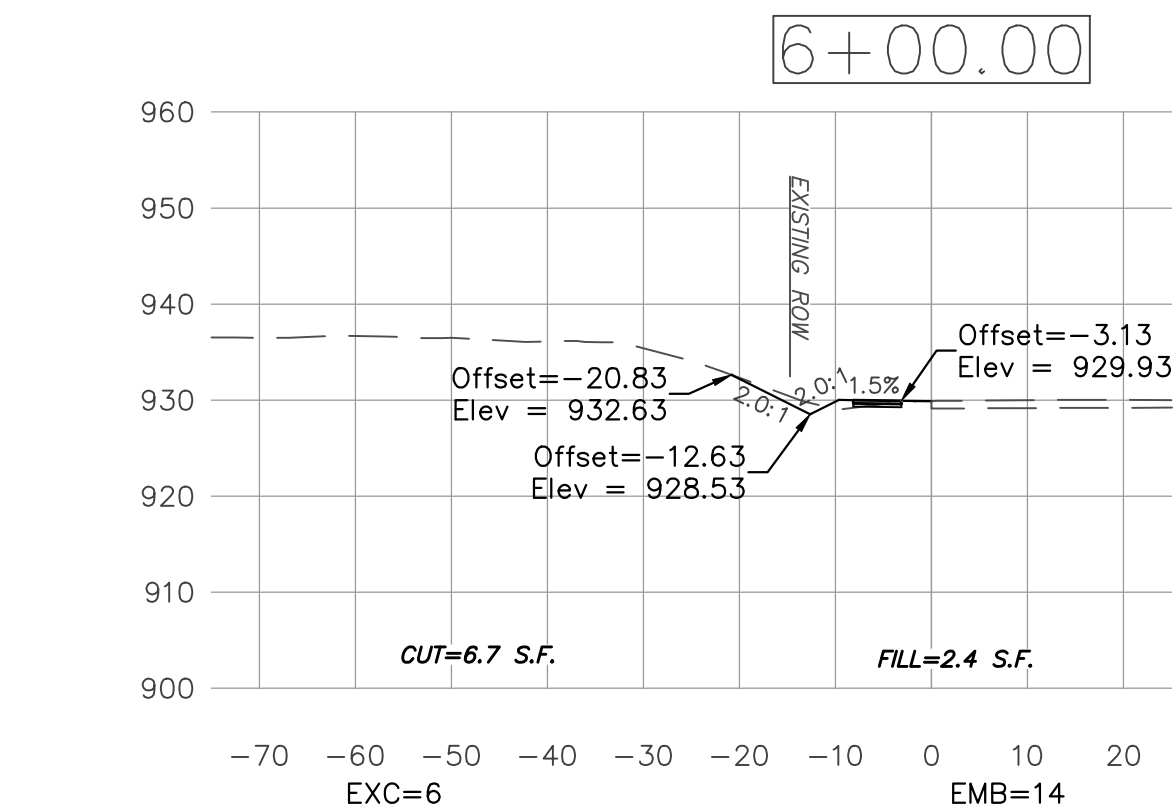
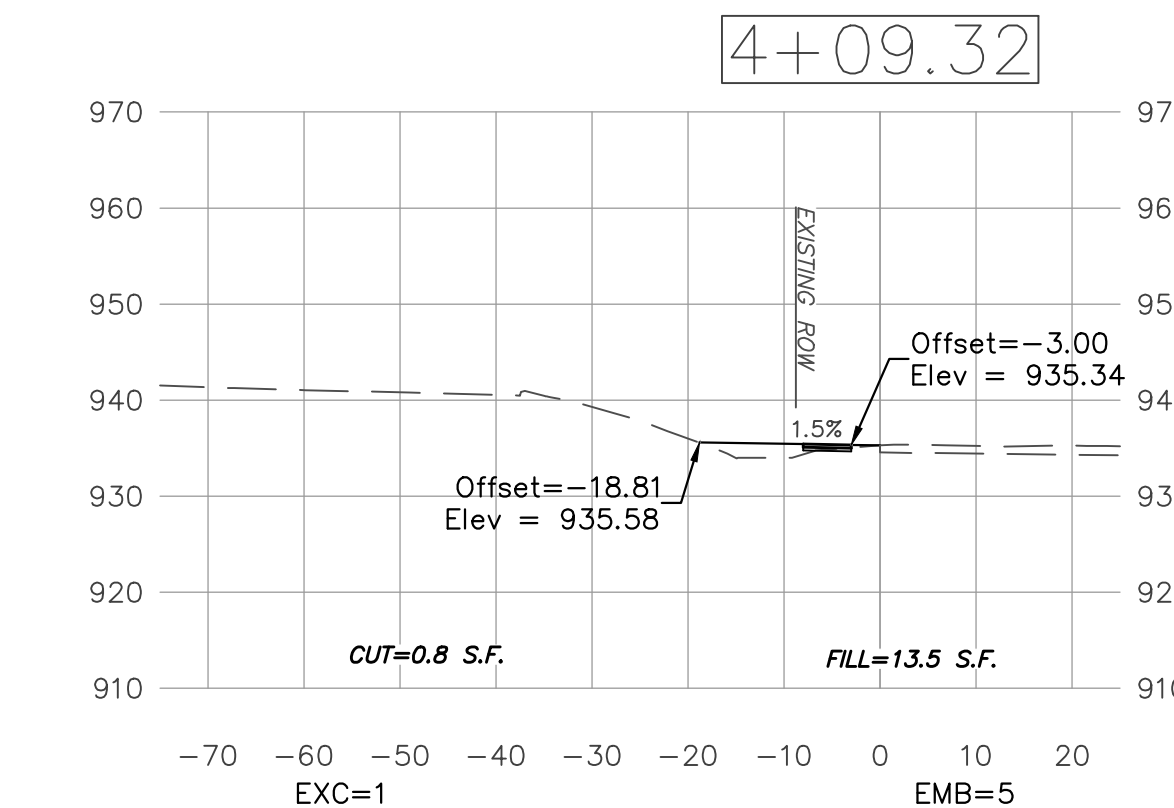
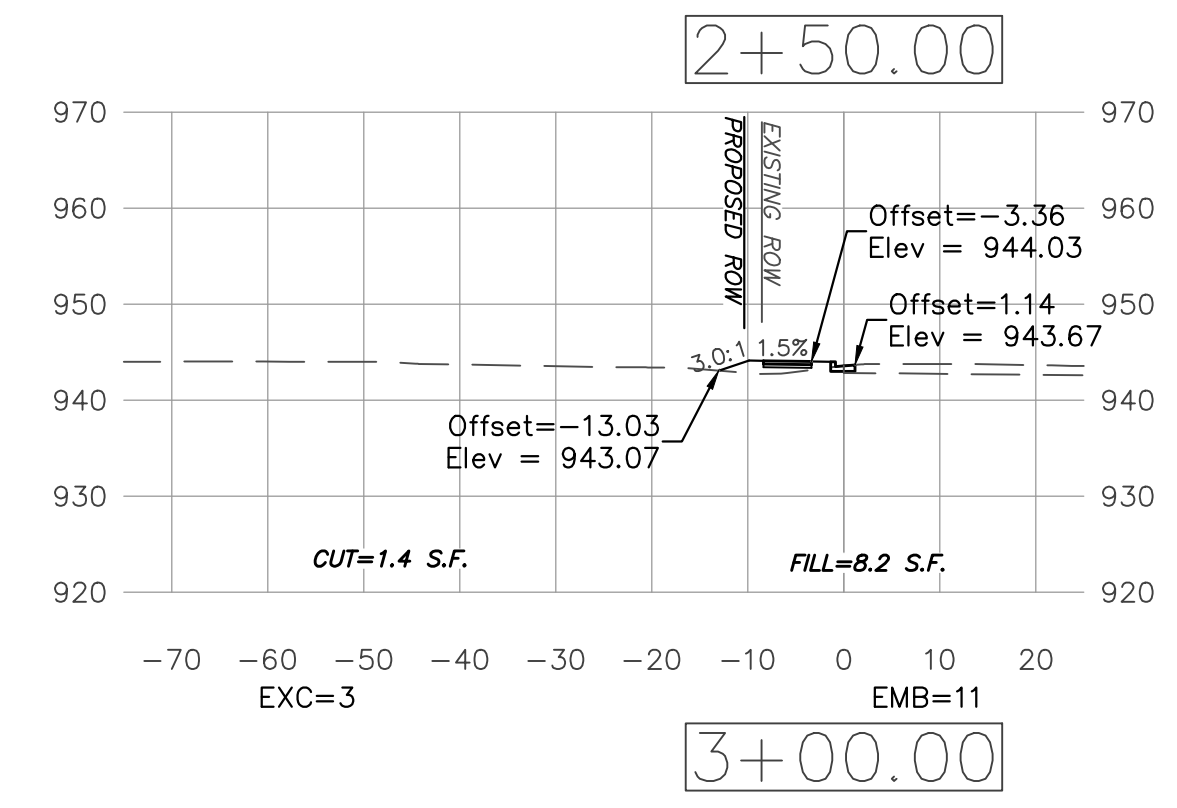
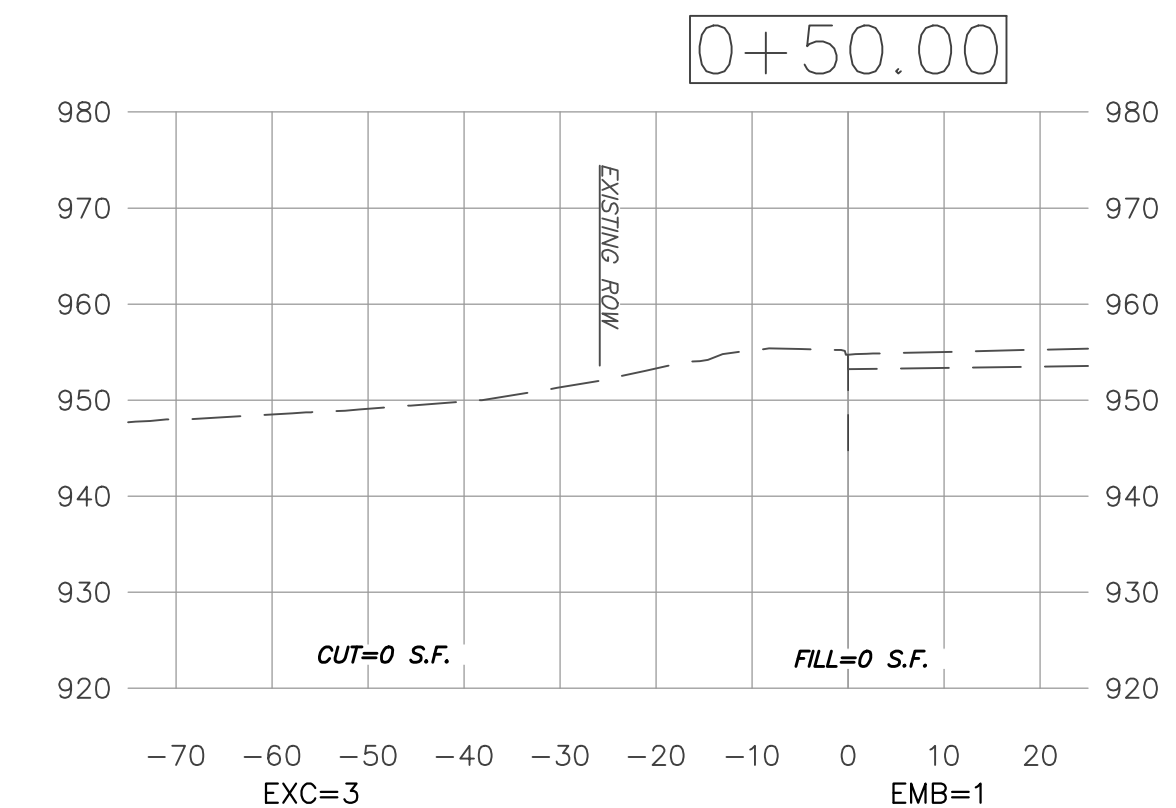


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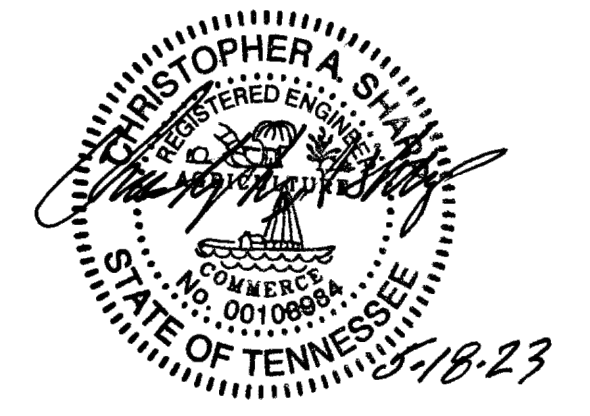
NO.	DATE	REVISIONS	BY	CHKD.
1	5/18/23	ADDENDUM 1	CAS	CAS

TYPE	YEAR	PROJECT NO	SHEET NO
CONSTRUCTION	2023	HARDIN VALLEY SIDEWALK	11



URBAN ENGINEERING, INC.
ENGINEER:
10330 HARDIN VALLEY RD., SUITE #201
KNOXVILLE, TN 37932
(865) 966-1924

OWNER:
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CONTACT: AARON FRITTS, P.E.
PHONE: (865) 215-5830
FAX: (865) 215-5810



NO.	DATE	REVISIONS	CAS	CAS
1	5/18/23	ADDENDUM 1		



URBAN ENGINEERING, INC.
10330 HARDIN VALLEY RD., SUITE #201
KNOXVILLE, TN 37932
(865) 966-1924

KNOX COUNTY ENGINEERING & PUBLIC WORKS
PROPOSED SIDEWALK IMPROVEMENTS
HARDIN VALLEY ROAD AT STEELE ROAD

CROSS SECTIONS
STEELE ROAD BASE LINE
HARDIN VALLEY ROAD SIDEWALK EXTENSION

DESIGNED BY: CAS	CHECKED BY: CAS	SCALE: 1" = 20'	SHEET ELEVEN NO. 11 OF 11 SHEETS
DRAWN BY: DP	DATE: 4/20/23	FILE NO.: 2203005	