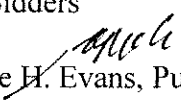


ADDENDUM NO. 2

DATE: December 28, 2017

TO: All Bidders

FROM:  Boyce H. Evans, Purchasing Agent

SUBJECT: Addendum No. 2 – Approach Trail for Pedestrian Bridge Over Western Avenue

COK PROJECT #: 17C-G-0630

BIDS TO BE OPENED: **January 3, 2018, at 11:00 a.m. Eastern Time**

This addendum becomes a part of the Contract Documents and modifies the original specifications as noted.

Clarification of Contract Documents & Specifications:

Bid Proposal

A revised bid proposal form is attached to this addendum. The following is a summary of the changes made:

1. Item No. 4.20, Common Excavation has been removed.
2. Item No. 4.10, Excavation (Unclassified) has been added.

Revised Sheets

Revised Sheet Numbers 1, 3, 6, 8, and 9 are attached to this addendum. The following is a summary of the changes made:

1. Sheet 1 – Removed Signature Block.
2. Sheet 3 – Replaced Item 4.20 with Item 4.10.
3. Sheet 6 – Added note regarding safety rail installation.
4. Sheet 8 – Added note regarding Stations referenced from Trail Centerline.
5. Sheet 9 – Added note regarding safety rail installation. Added note regarding Stations referenced from Trail Centerline. Added dimensions to clarify wall length.

The following are responses to questions received from potential bidders:

Questions

Question #1: Regarding Item 15.10 Reinforced Structural Concrete, Class A- the concrete retaining wall: the Wall Plan on Sheet No. 9 states “60 LF of Retaining Wall”; whereas, the dimensions on the Wall Elevation on Sheet 9 add up to 58’-9”; and whereas, the Stakeout Plan on Sheet has beginning and ending stations of 12+53.57 and 12+96 respectively, which translates to 42.43 LF. Please clarify the length of the concrete retaining wall.

Response: The total length of the retaining wall is 58’-9” as noted. The stations currently shown on the plans are referenced from the trail centerline thus the stations not matching the true length. Revisions to the plans were made to clarify the dimensions.

Question #2: TDOT Standard Drawing S-BPR-1 shows two methods of installing Bike/Pedestrian Safety Rail- embedment or base plates/bolts. Please specify which method(s) is or are to be used for this project.

Response: Where installed along the trail, the safety rail shall be installed in the ground, encased in concrete as per the standard drawing. Atop the retaining wall, base plates and anchor bolts as per the standard drawing shall be utilized.

Question #3: Article 32.1 on Page GC-21 states: “The Contractor shall furnish office space for the Resident Engineer. Space shall be at least 150 square feet in area and shall be located conveniently to the Work. Office shall be furnished with a desk, drafting table, applicable chairs, drawing rack, surveying instrument storage, telephone service, lights, heat, air conditioning, windows and one door with cylinder lock.” Please verify and confirm that the above requirements are valid for this project, or otherwise advise.

Response: The requirement for office space as noted in Article 32.1 of the General Conditions on page GC-21 shall be waived for this project.

Question #4: Sheet No. 11 states: “THE CONTRACTOR SHALL NOTIFY A GEOTECHNICAL ENGINEER TO OBSERVE ALL FOUNDATION EXCAVATIONS AT THE TIME OF CONSTRUCTION TO CONFIRM THAT THE SOIL CONDITITONS ARE SUITABLE FOR THE RECOMMENDED DESIGN PARAMETERS. DYNAMIC CONE PENETROMETER (DCP) TESTING ASTM STP 399 SHOULD BE PERFORMED IN FOUNDATION EXCAVATIONS TO VERIFY THAT THE SPECIFIED BEARING CAPACITY EXISTS IN THE FOUNDATION EXCAVATIONS.” Please advise us who is responsible for the cost of the above. Please note that General Conditions Specification Section 7 Testing and Inspection is not specific in this regard.

Response: The Contractor shall provide and pay for the services of a licensed Geotechnical Engineer to observe the foundation excavations as noted. The cost of such shall be included in the cost of other items.

BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE

**Approach Trail for Pedestrian Bridge Over Western Avenue Project
Project No. 17C-G-0631**

TO THE PURCHASING AGENT
CITY OF KNOXVILLE, TENNESSEE

_____ hereby propose(s) to furnish all material, labor, and appliances and do all work required to complete the Contract for the Approach Trail for Pedestrian Bridge Over Western Avenue Project, Project No. 17C-G-0630, located in the City of Knoxville, Tennessee, in a workmanlike manner and in accordance with the plans of the Department of Engineering and specifications

Bidder further agrees that in case of failure to sign a delivered contract within thirty (30) days, the certified check or bid bond accompanying this bid and the proceeds thereof shall be the property of the City of Knoxville if the City chooses to retain said bid bond or check.

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
1.10	Mobilization of Forces, Supplies and Equipment (Max. Amt. = \$4,000 + 3% of Contract Amt)	LS	1	_____	_____
2.10	Clearing and Grubbing	LS	1	_____	_____
3.10	Removal of Structures and Obstructions	LS	1	_____	_____
4.10	Excavation (Unclassified)	CY	300	_____	_____
5.10	Mineral Aggregate, Type A Base, Grading D	TON	70	_____	_____
7.10	Tack Coat	GAL	45	_____	_____
9.20	Bituminous Plant Mix, Grading B-M	TON	35	_____	_____
9.50	Bituminous Plant Mix, Grading C-S	TON	24	_____	_____
13.10	Concrete Sidewalks	SF	240	_____	_____
15.10	Reinforced Structural Concrete, Class A	CY	61	_____	_____
20.14	18" R.C.P.	LF	13	_____	_____
22.22	18" Flared End Section	EA	2	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
26.10	Topsoil	CY	142		
28.10	Sodding	SY	1,290		
31.10	Erosion Control	LS	1		
34.10	Construction Area Traffic Control	LS	1		
36.40	Geotextile Fabric for Base Reinforcement	SY	60		
39.10	Painted Pavement Marking (4" Line)	LF	510		
40.30	Preformed Pavement Marking (STOP Line)	LF	10		
63.10	Signage	LS	1		
66.10	Simulated Stone Surfaces	SY	40		
604-01.20	Box Tube Safety Rail	LF	106		
705-06.01	W Beam Guardrail (Type 2) (MASH TL-3)	LF	24		
705-06.11	GR Terminal (In-Line) (MASH TL-3)	EA	2		
709-05.05	Machined Riprap (Class A-3)	TON	58		
TOTAL BID				\$	

TOTAL BID (In Words):

PROJECT NO.	YEAR	SHEET NO.
17C-G-0630	2017	1

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12/27/2017	AP	REMOVED SIGNATURE BLOCK

Index of Sheets

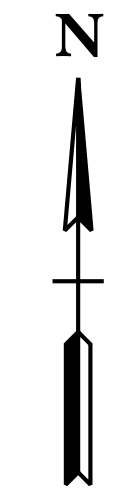
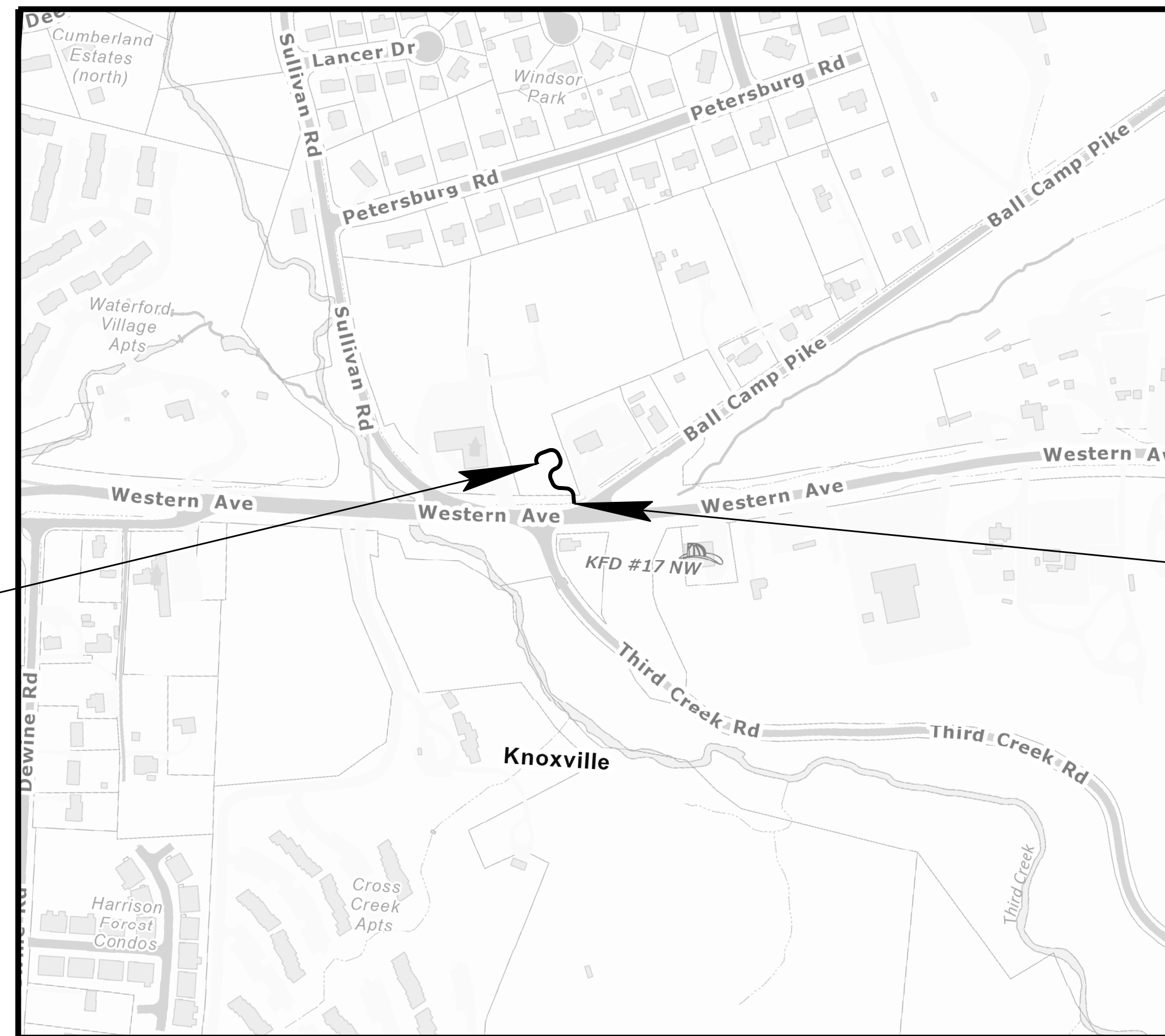
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD DRAWINGS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	DETAILS
5	PRESENT LAYOUT
6	PROPOSED LAYOUT
7	EROSION CONTROL
8	STAKEOUT DATA (TRAIL)
9	RETAINING WALL PLAN AND ELEVATION
10	RETAINING WALL FOUNDATION DATA
11	RETAINING WALL DETAILS
12-15	TRAIL CROSS SECTIONS



CITY OF KNOXVILLE
MADLINE ROGERO, MAYOR
APPROACH TRAIL
FOR PEDESTRIAN BRIDGE OVER WESTERN AVENUE

CONSTRUCTION OF 263 LF OF GREENWAY TRAIL, 60 LF OF
RETAINING WALL AND ANY NECESSARY DRAINAGE AND GRADING WORK.
PROJECT NUMBER: 17C-G-0630

CITY BLOCK 42640



SCALE = 1" = 300'

STA. 13+21.00
N 603922.2634
E 2559996.8519
END APPROACH TRAIL
BEGIN PEDESTRIAN BRIDGE

STA. 10+58.61
N 603821.1796
E 2560091.7731
BEGIN APPROACH TRAIL



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DESIGNER BUCHART-HORN, INC.
CHECKED BY WM ANDREW PINKLEY, P.E.

CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING
JAMES R. HAGERMAN, PE
DIRECTOR OF ENGINEERING
400 MAIN ST, SUITE 480
PO. BOX 1631
KNOXVILLE, TN 37901

PROJECT NO. 17C-G-0630	YEAR 2017	SHEET NO. 3	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12/27/2017	AP	ITEM 4.20 REPLACED WITH ITEM 4.10

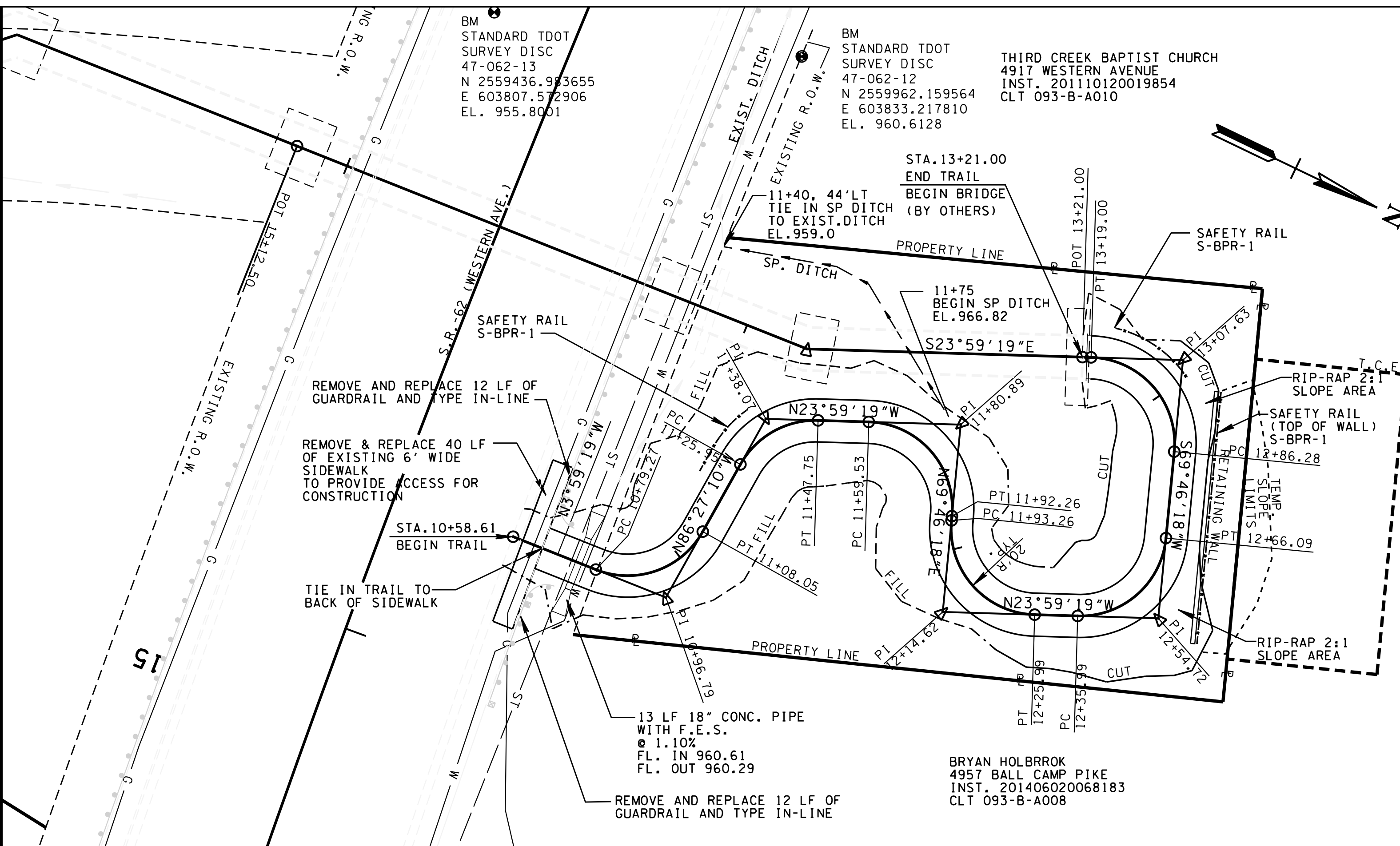
SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
1.10	MOBILIZATION OF FORCES, SUPPLIES AND EQUIPMENT	L.S.	1
2.10	CLEARING AND GRUBBING	L.S.	1
3.10	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1
4.10	EXCAVATION (UNCLASSIFIED)	C.Y.	300
5.10	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	70
7.10	TACK COAT	GAL	45
9.20	BITUMINOUS PLANT MIX, GRADING B-M	TON	35
9.50	BITUMINOUS PLANT MIX, GRADING C-S	TON	24
13.10	CONCRETE SIDEWALKS	S.F.	240
15.10	REINFORCED STRUCTURAL CONCRETE, CLASS A	C.Y.	61
20.14	18" R.C.P.	L.F.	13
22.22	18" FLARED END SECTION	EACH	2
26.1	TOP SOIL	C.Y.	142
28.10	SODDING	S.Y.	1,290
31.10	EROSION CONTROL	L.S.	1
34.10	CONSTRUCTION AREA TRAFFIC CONTROL	L.S.	1
36.40	GEOTEXTILE FABRIC FOR BASE REINFORCEMENT	S.Y.	60
39.10	PAINTED PAVEMENT MARKING (4")	LF	510
40.30	PREFORMED PAVEMENT MARKING (STOP LINE)	LF	10
63.10	SIGNAGE	L.S.	1
66.10	SIMULATED STONE SURFACES	S.Y.	40
604-01.20	BOX TUBE SAFETY RAIL	L.F.	106
705-06.01	W BEAM GUARDRAIL (TYPE 2) (MASH TL-3)	L.F.	24
705-06.11	GR TERMINAL (IN-LINE) (MASH TL-3)	EACH	2
709-05.05	MACHINED RIPRAP (CLASS A-3)	TONS	58

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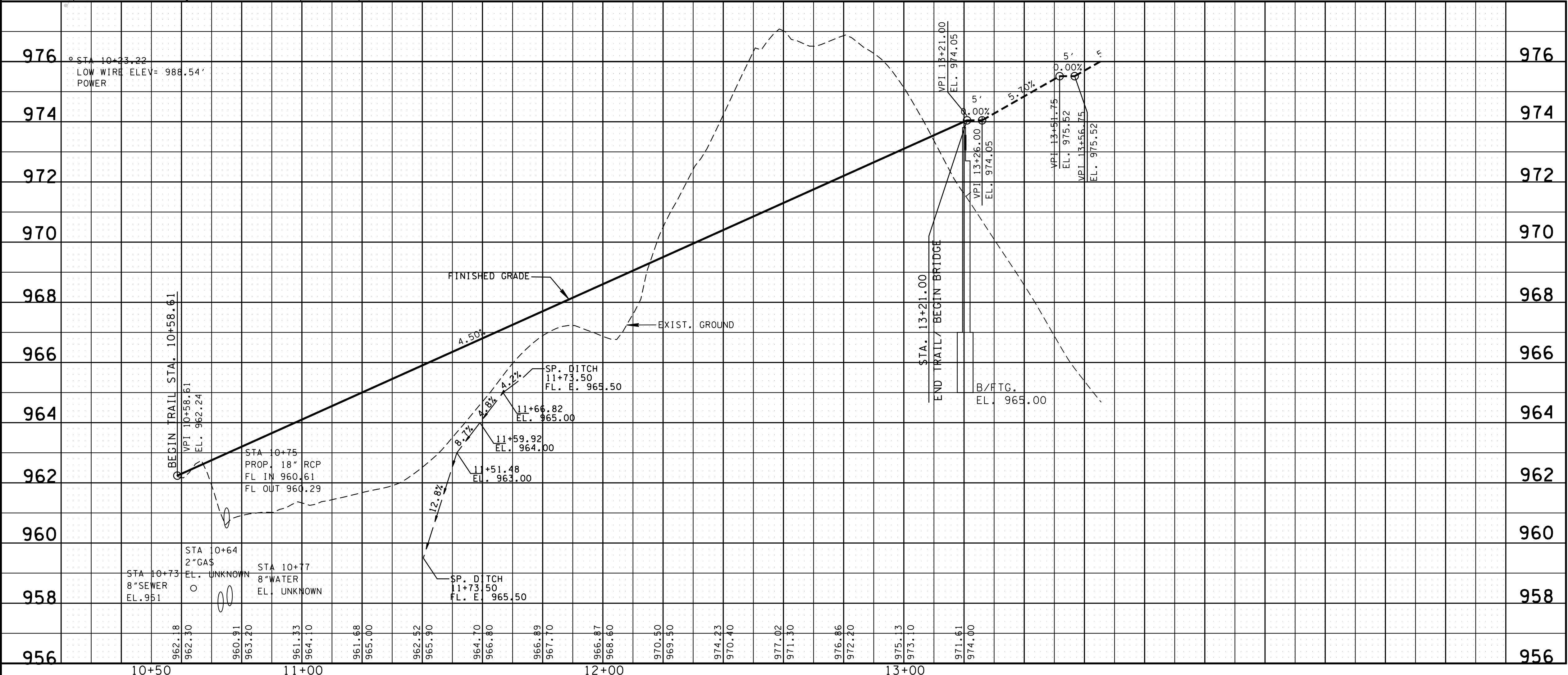


CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: DDZ DESIGNED: DDZ
SUMMARY OF QUANTITIES APPROACH TRAIL FOR PEDESTRIAN BRIDGE OVER WESTERN AVENUE	DATE: 03-30-17 CHECKED: GSM APPROVED: WAP

PROJECT NO.	YEAR	SHEET NO.	
17C-G-0630	2017	6	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12/27/2017	AP	ADDED NOTE REGARDING SAFETY RAIL.



NOTE:
SAFETY RAIL TO BE SET IN GROUND
AS PER TDOT STANDARD DRAWING S-BPR-1.



COORDINATE VALUES ARE NAD/83(1995)
AND ARE DATUM ADJUSTED BY THE
FACTOR 1.00010 & TIED TO THE TGRN.

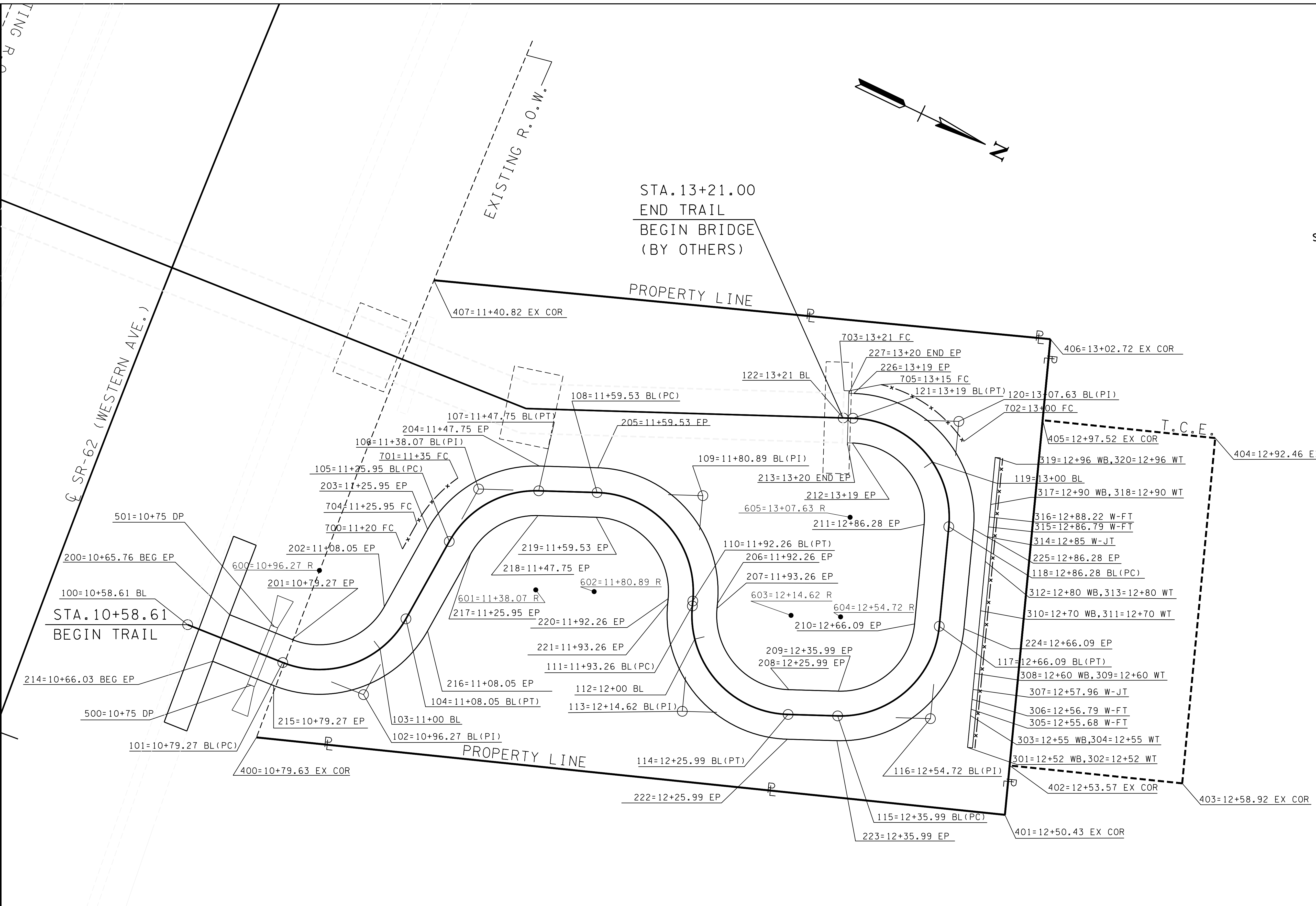
CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING		DRAWN: DDZ
PROPOSED LAYOUT AND PROFILE APPROACH TRAIL FOR PEDESTRIAN BRIDGE OVER WESTERN AVENUE SCALE: 1"=20'		DESIGNED: DDZ
		DATE: 03-30-17
		CHECKED: GSM APPROVED: WAP

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PROJECT NO. 17C-G-0630	YEAR 2017	SHEET NO. 8	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12/27/2017	AP	ADDED STATIONING NOTE

STAKING POINT ABBREVIATIONS

BL	BASELINE
EP	EDGE OF PAVEMENT
WB	WALL-BOTTOM
WT	WALL-TOP
W-FT	WALL-FOOTING
W-JT	WALL-JOINT
CP	CONTROL POINT
EX COR	EXISTING CORNER
DP	DRAINAGE PIPE
FC	SAFETY FENCE
R	CURVE RADIUS



CURVE 1	CURVE 2	CURVE 3	CURVE 4	CURVE 5	CURVE 6
PI 10+96.79	PI 11+38.07	PI 11+80.89	PI 12+14.62	PI 12+54.72	PI 13+07.63
N 603,859.2711	N 603,862.2132	N 603,903.5678	N 603,918.6830	N 603,964.4431	N 603,943.6035
E 2,560,089.1170	E 2,560,041.6558	E 2,560,023.2533	E 2,560,064.2723	E 2,560,043.9093	E 2,559,987.3557
Δ 82° 27' 50" (LT)	Δ 62° 27' 50" (RT)	Δ 93° 45' 37" (RT)	Δ 93° 45' 37" (LT)	Δ 86° 14' 23" (LT)	Δ 93° 45' 37" (LT)
D 286° 28' 44"	D 286° 28' 44"	D 286° 28' 44"	D 286° 28' 44"	D 286° 28' 44"	D 286° 28' 44"
R 20.00	R 20.00	R 20.00	R 20.00	R 20.00	R 20.00
L 28.79	L 21.80	L 32.73	L 32.73	L 30.10	L 32.73
T 17.53	T 12.13	T 21.36	T 21.36	T 18.73	T 21.36

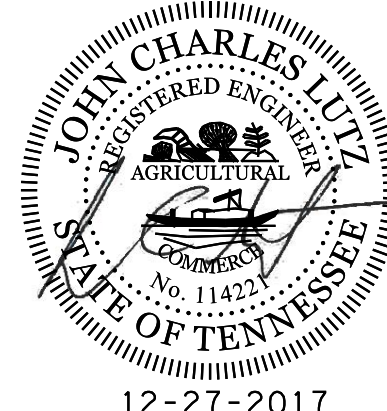
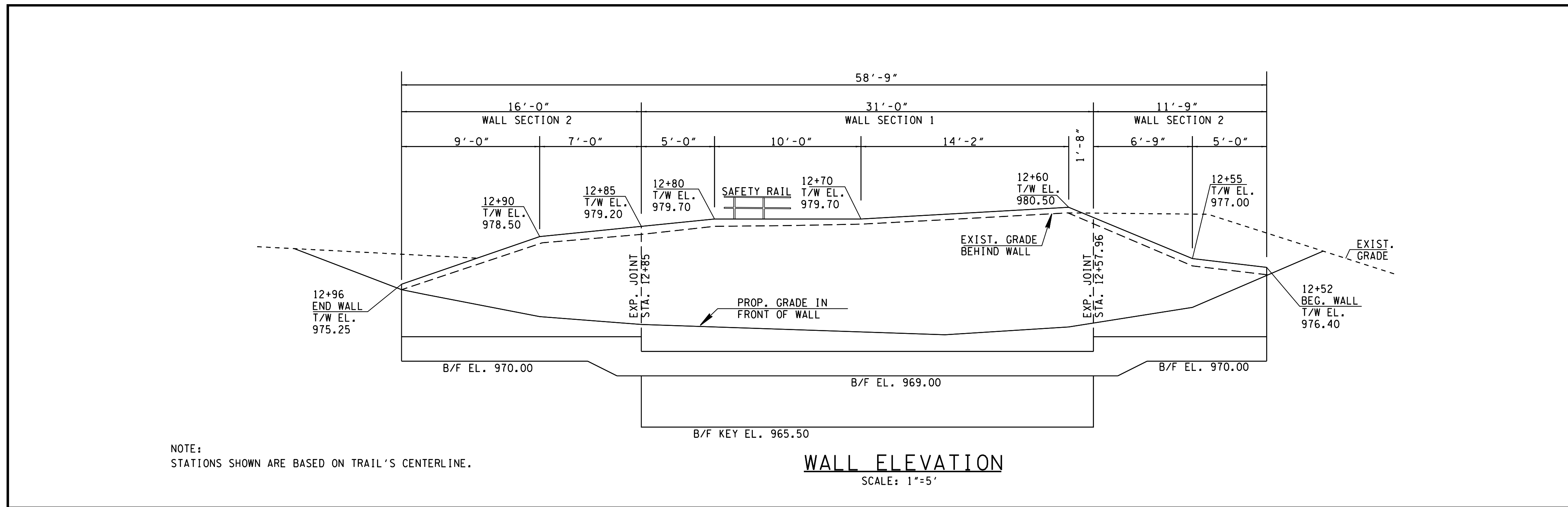
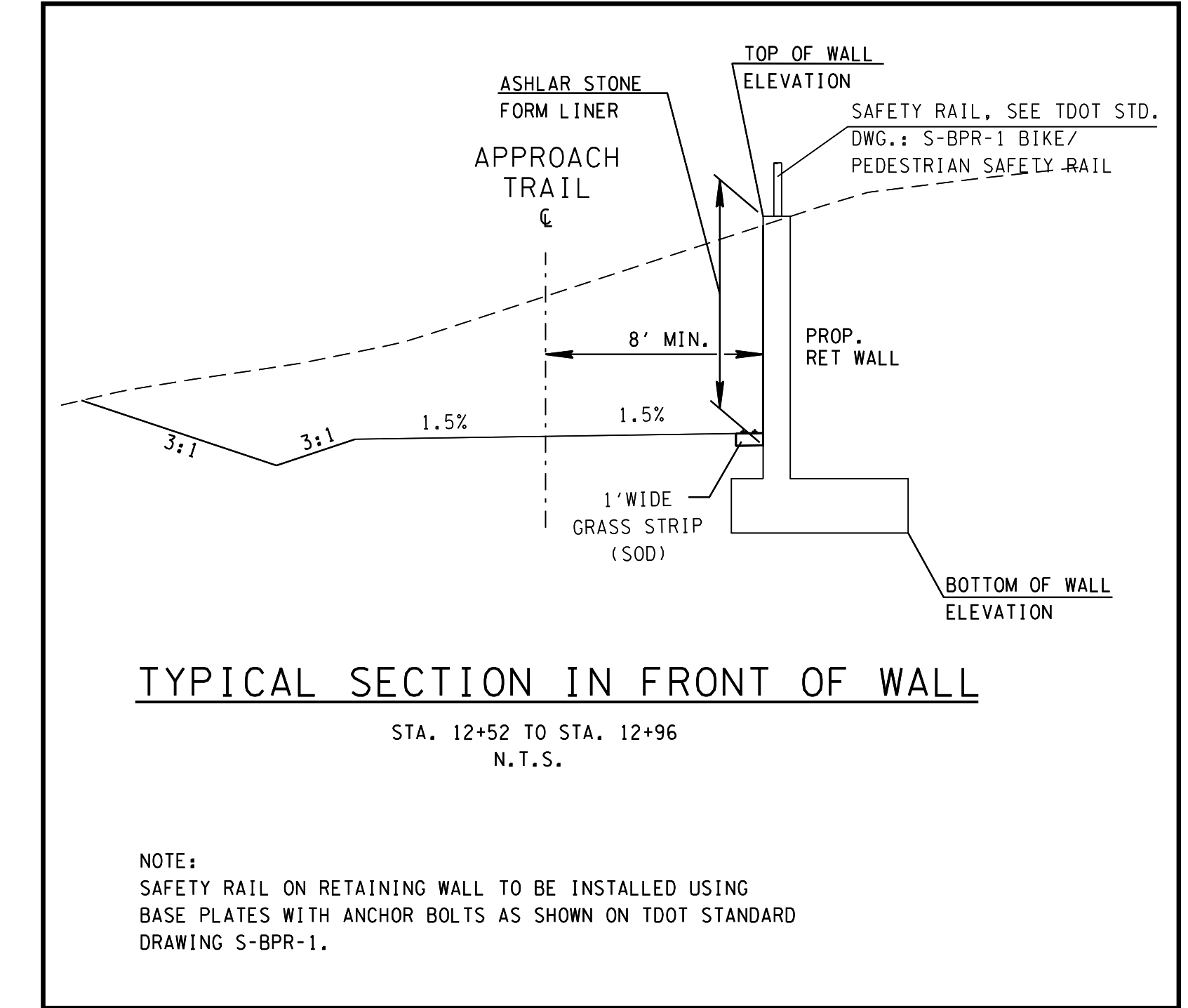
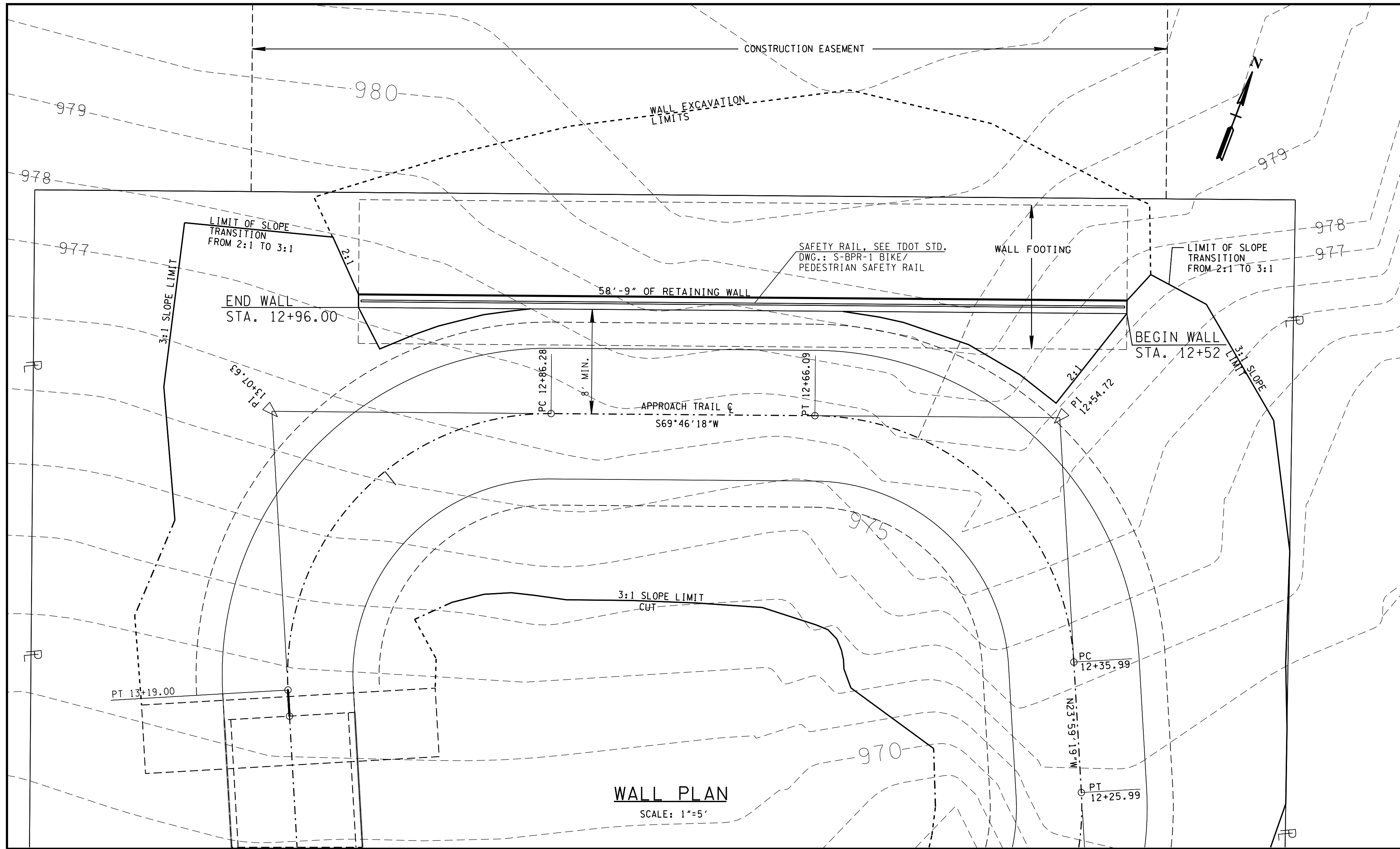
NOTE:
STATIONS SHOWN ARE BASED ON TRAIL'S CENTERLINE.



CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: DDZ DESIGNED: DDZ DATE: 03-30-17 CHECKED: GSM APPROVED: WAP
STAKEOUT PLAN	
APPROACH TRAIL FOR PEDESTRIAN BRIDGE OVER WESTERN AVENUE	
SCALE: 1"=10'	

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PROJECT NO. 17C-G-0630	YEAR 2017	SHEET NO. 9	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	12/27/2017	AP	ADDED STATIONING NOTE, REVISED WALL DIMENSIONS.



CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING	DRAWN: EK DESIGNED: EK
RETAINING WALL PLAN & ELEVATION	DATE: 11-27-17 CHECKED: DZ APPROVED: WAF
APPROACH TRAIL FOR PEDESTRIAN BRIDGE OVER WESTERN AVENUE SCALE: AS SHOWN	