

ADDENDUM NO. 1

DATE: September 14, 2017
TO: All Bidders
FROM: *Boycé H. Evans* H. Evans, Purchasing Agent
SUBJECT: Addendum No. 1 – Cedar Lane Sidewalk Project
BIDS TO BE OPENED: September 20, 2017, at 11:00 a.m. (Eastern)

This addendum is being published to make changes to the Contract Documents and specifications as well as respond to questions that the City has received from potential bidders. The City's responses hereby become a part of the Contract Documents and modify the original specifications as noted below.

Changes to the Contract Documents & Specifications:

1. The following plan sheets have been revised: C1A, C3A, C5
2. The following pay items have been deleted: 13.42, Truncated Dome Surface Mat, 2'x 5'
3. The following pay items have been added: 4.40, Borrow Excavation, 190 C.Y.; 26.10, Top Soil, 50 C.Y.
4. The following pay items have been revised: 4.10, Excavation (Unclassified), 310 C.Y.; 13.10, Concrete Sidewalks (4"), 7831 S.F.; 13.15, Concrete Sidewalks (8"), 250 S.F.; 13.41, Truncated Dome Surface Mat, 2'x 4', 8 EACH

Clarifications to the Contract Documents & Specifications:

Questions Received:

Question #1: What is required from the Contractor to coordinate the Norfolk Southern Railroad (NSRR) flaggers? Have the flaggers already been paid for by the City?

Response #1: The City of Knoxville has already entered into an agreement with Norfolk Southern Railroad that includes the payment of flaggers to be provided for up to 15 days for all work to be performed on the railroad ROW. The Contractor shall coordinate this work with the railroad as specified in the Special Conditions portion of the project spec book.

Question #2: Can you provide the number of trains per day and speed of trains on that section of track (for railroad protective insurance)?

Response #2: The speed limit on this section of track is 35mph. There are approximately 4-8 trains daily between 7am and 3pm.

Question #3: Can the width of the detectable warning mat at the railroad crossing be changed from 5' to 4'? Also the posts for the handrail are shown in the mat.

Response #3: The width has been changed to 4' and moved to not interfere with the handrail posts.

Question #4: Does the width of clear sidewalk at the Z-gate (27") meet ADA accessibility standards?

Response #4: The sidewalk at the Z-gates has been widened to exceed the ADA minimum 30" clearance.

Question #5: Should a reflective surface be added to the Z-gate handrail for nighttime visibility?

Response #5: No, the area is well lit by street lights.

Question #6: Will NSRR forces install the fill and base material for the asphalt railroad crossing? How about the culverts under the crossing?

Response #6: The agreement between Norfolk Southern and the City of Knoxville states that Norfolk Southern will perform all work to construct the pedestrian crossing between the existing rails and outside the rails to the width of the existing cross ties. Everything outside of the cross ties is included in this contract.

Question #7: Is there a local contact for Norfolk Southern Railroad?

Response #7: The local contact for Norfolk Southern is Tony Beets, 865.521.1516, Anthony.beets@nscorp.com.

Question #8: Should there be a pay item for borrow material? Given the tightness of the work area, excavated material will need to be hauled off and brought back (hauled twice).

Response #8: Borrow Excavation, Item 4.40, with a quantity of 190 C.Y. has been added to the bid form and quantities on the plan sheet.

Question #9: Should a pay item for top soil be added for areas to be sodded that have rocky or unsuitable subgrade?

Response #9: Top Soil, Item No. 26.10, with a quantity of 50 C.Y. has been added to the bid form and quantities on the plan sheet.

END OF ADDENDUM NO. 1

BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE

Cedar Lane Sidewalk Project
Project No. 13B-S-0560

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 (Project Name) Project, (Project No.), located in the City of Knoxville, Tennessee, in a workmanlike manner and in accordance with the plans of the Department of Engineering and specifications herewith attached.

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	LS	1	_____	_____
2.10	Clearing and Grubbing	LS	1	_____	_____
3.10	Removal of Structures and Obstructions	LS	1	_____	_____
4.10	Excavation (Unclassified)	CY	310	_____	_____
4.40	Borrow Excavation	CY	190	_____	_____
5.10	Mineral Aggregate Base	TON	103	_____	_____
5.40	No. 57 Stone	TON	2	_____	_____
7.10	Tack Coat	GAL	13	_____	_____
9.20	Bituminous Plant Mix, Grading B-M	TON	25	_____	_____
9.50	Bituminous Plant Mix, Grading C-S	TON	2	_____	_____
10.10	Asphaltic Concrete Surface, Grading D	TON	12	_____	_____
12.61	6" Concrete Combined Curb & Gutter, Type 6-24	LF	90	_____	_____
12.65	6" Detached Concrete Curb, Type A	LF	980	_____	_____

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
13.10	Concrete Sidewalks (4")	SF	7,831		
13.15	Concrete Sidewalks (8")	SF	250		
13.20	Concrete Driveways	SF	5,978		
13.40	Concrete Curb Cut Ramps	SF	1,196		
13.41	Truncated Dome Surface Mat, 2' x 4'	EA	8		
20.10	18" H.D.P.E.	LF	22		
20.12	24" H.D.P.E.	LF	22		
20.14	18" R.C.P.	LF	42		
22.12	No. 12 Catch Basin	EA	1		
26.10	Top Soil	CY	50		
28.10	Sodding	SY	1,600		
31.01	Erosion Prevention and Sediment Control	LS	1		
34.10	Construction Area Traffic Control	LS	1		
39.10	Pavement Marking (Line)	LF	650		
40.20	Preformed Pavement Marking (Crosswalk Striping)	LF	150		
40.30	Preformed Pavement Marking (STOP Line)	LF	36		
40.50	Preformed Pavement Marking (RR)	EA	2		
58.10	Adjusting Manholes (Adjustment Ring Only)	EA	3		
59.10	Adjusting Meter Boxes (Meter Box Riser Only)	EA	4		
63.10	Signage	LS	1		
99.10	"Z" Gates at Railroad Crossing	EA	4		
TOTAL BID				\$	

TOTAL BID (In Words):

INDEX

SHEET NAME	SHEET NO.
TITLE SHEET	C1
INDEX AND ESTIMATED QUANTITIES	C1A
GENERAL NOTES	C2 – C2A
TYPICAL SECTIONS AND PAVING SCHEDULE	C3
DETAILS	C3A – C3B
TRAFFIC CONTROL PLAN	C3C
PLAN AND PROFILE	C4 – C7
PROPERTY MAPS	C4A – C7A
DRIVEWAY PROFILES	C8
CROSS SECTIONS	C9 – C11

STANDARD ROADWAY DRAWINGS

CITY OF KNOXVILLE				
DWG. NO	REV.	DESCRIPTION		
COK-5	03-22-01	STORM PIPE BEDDING AND BACKFILL		
COK-10	03-19-15	TYPE 'B' CAST IRON FRAME, GRATE AND INLET		
COK-12	01-16-02	TRENCH CUT REPAIRS		
COK-6	03-26-08	CONCRETE SIDEWALKS		
COK-13	12-29-16	CURB CUTS AND TACTILE WARNING SURFACES		

TENNESSEE DEPARTMENT OF TRANSPORTATION

DWG. NO	REV.	DESCRIPTION
CATCH BASINS AND MANHOLES		
D-CB-12P	03-11-14	STANDARD PRECAST RECTANGULAR CONCRETE NO. 12 CATCH BASIN

ROADWAY AND PAVEMENT APPURTENANCES

RP-D-15	04-08-16	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-D-16	04-08-16	DETAILS OF LOWERED STANDARD CONCRETE DRIVEWAYS
RP-H-7	10-10-16	PERPENDICULAR CURB RAMP IN CURVE
RP-J-23	07-25-12	CONCRETE PAVEMENT REPAIR DETAILS
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS

DESIGN – TRAFFIC CONTROL

T-M-4	10-10-16	STANDARD INTERSECTION PAVEMENT MARKINGS
T-RR-1	11-01-11	TYPICAL PAVEMENT MARKING AT RAILROAD ACTIVE HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN

EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-3B	03-16-17	SILT FENCE
EC-STR-6	05-06-16	ROCK CHECK DAM
EC-STR-8	06-10-14	FILTER SOCK
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4

ESTIMATED ROADWAY QUANTITIES

FOOT NOTE	ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	1.10	Mobilization of Forces, Supplies and Equipment	L.S.	1
	2.10	Clearing and Grubbing	L.S.	1
1	3.10	Removal of Structures and Obstructions	L.S.	1
	4.10	Excavation (Unclassified)	C.Y.	310
	4.40	Borrow Excavation	C.Y.	190
2	5.10	Mineral Aggregate Base	TON	103
	5.40	No. 57 Stone	TON	2
3	7.10	Tack Coat	GAL	13
4	9.20	Bituminous Plant Mix, Grading B-M	TON	25
5	9.50	Bituminous Plant Mix, Grading C-S	TON	2
6	10.10	Asphaltic Concrete Surface, Grading D	TON	12
	12.61	6" Concrete Combined Curb & Gutter, Type 6-24	L.F.	90
	12.65	6" Detached Concrete Curb, Type A	L.F.	980
	13.10	Concrete Sidewalks (4")	S.F.	7831
	13.15	Concrete Sidewalks (8")	S.F.	250
	13.20	Concrete Driveways	S.F.	5978
	13.40	Concrete Curb Cut Ramps	S.F.	1196
	13.41	Truncated Dome Surface Mat, 2' x 4'	EACH	8
	20.10	18" H.D.P.E.	L.F.	22
	20.12	24" H.D.P.E.	L.F.	22
	20.14	18" R.C.P.	L.F.	42
	22.12	No. 12 Catch Basin	EACH	1
	26.10	Top Soil	C.Y.	50
7	28.10	Sodding	S.Y.	1600
8	31.01	Erosion Prevention and Sediment Control	L.S.	1
	34.10	Construction Area Traffic Control	L.S.	1
9	39.10	Pavement Marking (Line)	L.F.	650
	40.20	Preformed Pavement Marking (Crosswalk Striping)	L.F.	150
	40.30	Preformed Pavement Marking (STOP Line)	L.F.	36
	40.50	Preformed Pavement Marking (RR)	EACH	2
	58.10	Adjusting Manholes (Adjustment Ring Only)	EACH	3
	59.10	Adjusting Meter Boxes (Meter Box Riser Only)	EACH	4
10	63.10	Signage	L.S.	1
11	99.10	"Z" Gates at Railroad Crossing	EACH	4

FOOTNOTES

- Includes but not limited to the removal of 137 LF of curb and gutter, 179 LF of curb, 60 LF fence, hedges/landscape at 4 locations, and 9 trees (type and size as noted on plans).
- Includes 3 TON for asphalt driveways and 100 TON for roadway.
- Includes 2 GAL for driveways and 11 GAL for roadway.
- Includes 3 TON for driveways and 22 TON for roadway.
- For asphalt driveway surface.
- For roadway surface.
- Includes all side slopes and undisturbed areas between roadway and new sidewalk.
- Includes but not limited to 430 L.F. silt fence, 1350 L.F. 12" filter sock, 4 each Type 4 curb inlet protection, 1 each V-ditch rock check dam, and 1 each trapezoidal ditch rock check dam.
- For areas where existing white line is being removed adjacent to new curb line.
- Includes new signage for railroad crossing and relocation of 2 existing signs.
- Refer to Sheets C3A and C3B for "Z" gate details.

NO.	DATE	DESCRIPTION
1	8-17-2017	UPDATED INDEX, STANDARD DRAWINGS, AND QUANTITIES
2	9-13-2017	UPDATED QUANTITIES TABLE AS PER ADDENDUM 1



**CEDAR LANE
SIDEWALK IMPROVEMENTS**
KNOXVILLE, TENNESSEE



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Consulting Engineers, Inc.

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NORTH CAROLINA
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SOUTH CAROLINA
864-574-4775

GEORGIA
770-627-3590

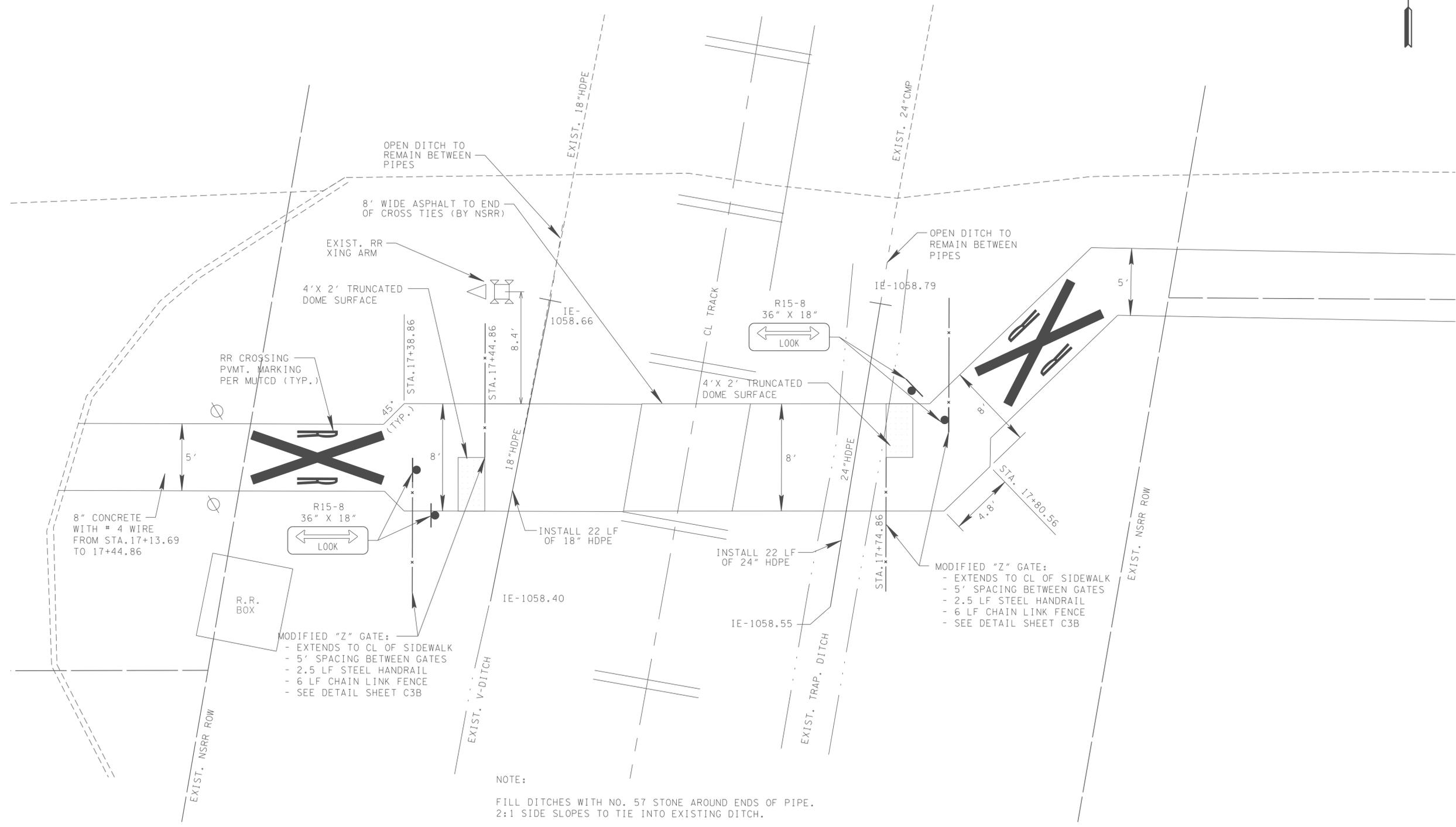
www.vaughnmelton.com

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DRAWN:	D.E.H.
CHECKED:	J.C.E.
JOB NO:	51530-01
SCALE:	
DATE:	14 MAR 2017
FILE NAME:	
DRAWING TITLE:	

**INDEX AND
ESTIMATED
QUANTITIES**

SHEET DRAWING NO:
OF C1A



NOTE:
 FILL DITCHES WITH NO. 57 STONE AROUND ENDS OF PIPE.
 2:1 SIDE SLOPES TO TIE INTO EXISTING DITCH.

RAILROAD CROSSING DETAIL

N.T.S.

NO.	DATE	DESCRIPTION
1	8-17-2017	ADDED INSTALLATION NOTES
2	9-13-2017	WIDENED SIDEWALK AT RR CROSSING EXTENDED CONCRETE TO CROSS TIES; REDUCED WIDTH OF DET. WARNING MAT



CEDAR LANE SIDEWALK IMPROVEMENTS

KNOXVILLE, TENNESSEE

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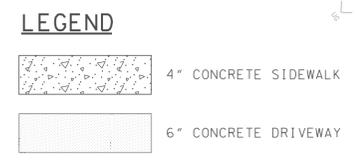
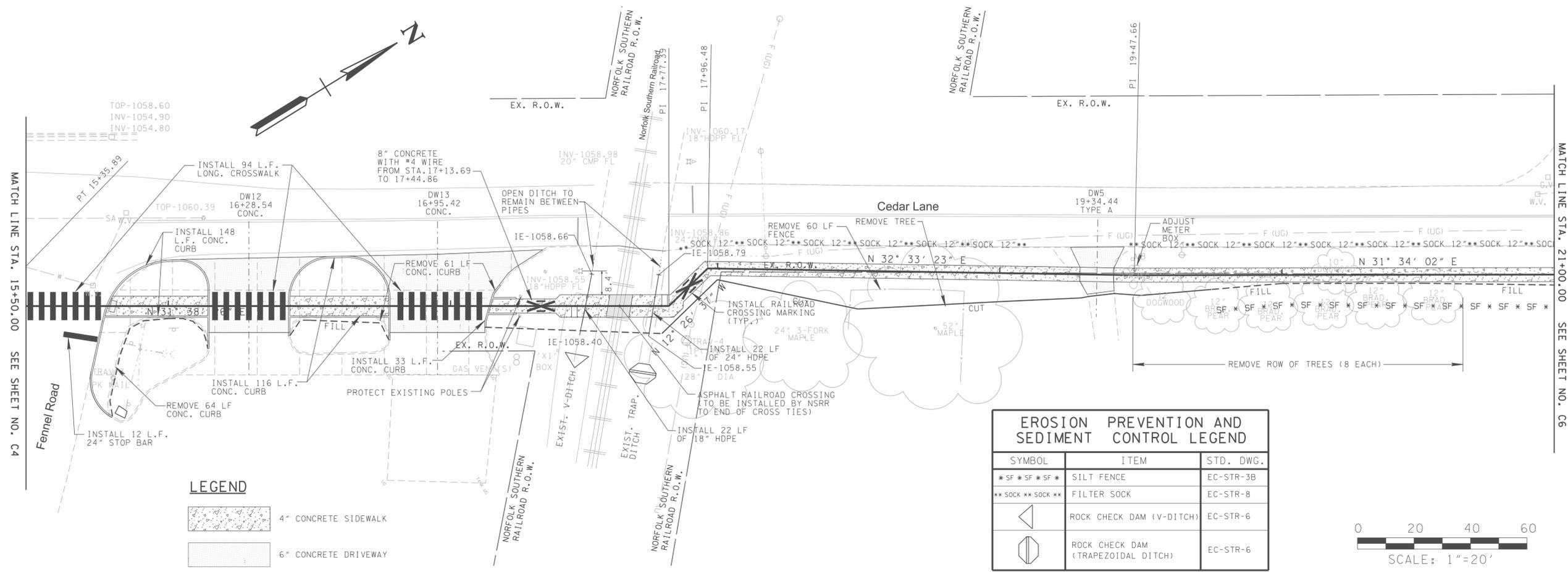
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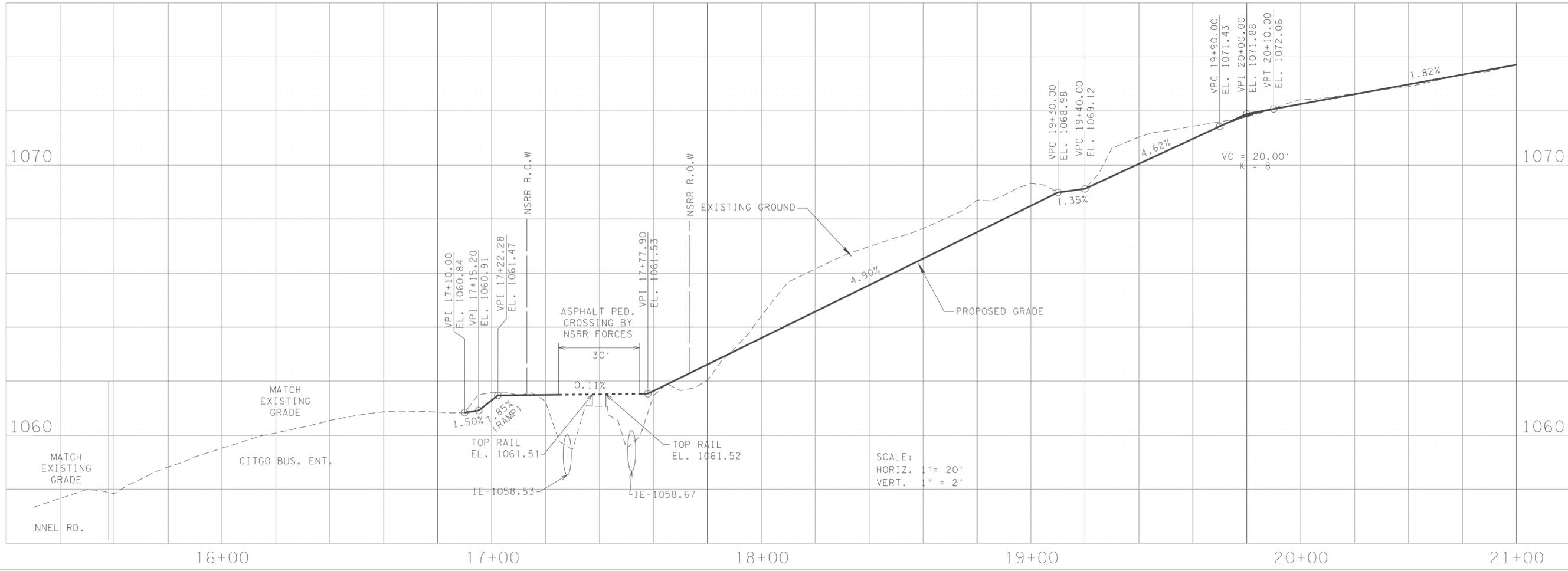
DRAWN:	D.E.H.
CHECKED:	J.C.E.
JOB NO.:	51530-01
SCALE:	
DATE:	14 MAR 2017
FILE NAME:	
DRAWING TITLE:	

DETAILS	
SHEET	DRAWING NO.:
OF	C3A



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
** SOCK ** SOCK **	FILTER SOCK	EC-STR-8
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6



REVISIONS

NO.	DATE	DESCRIPTION
1	8-17-2017	REVISED CONSTRUCTION NOTES, ADDED DRIVEWAYS 12 AND 13
2	9-13-2017	WIDENED SIDEWALK AT RR XING; EXTENDED CONCRETE TO CROSS TIES



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DRAWN:	D.E.H.
CHECKED:	J.C.E.
JOB NO:	51530-01
SCALE:	1"=20'
DATE:	14 MAR 2017
FILE NAME:	
DRAWING TITLE:	PLAN AND PROFILE
SHEET OF	DRAWING NO: C5

PRE-BID MEETING FOR ITB For Cedar Lane Sidewalk Improvements Project

TO OPEN ON 9/20/17 AT 11:00A.M. (EASTERN TIME)

NAME OF ATTENDEES	COMPANY NAME	ADDRESS	PHONE	EMAIL ADDRESS
Jason Elliott	Vaughn & Melton	1909 Ailor Ave. Knoxville	865-546-5800	jelliott@vaughnmelton.com
TODD L BUTLER	Southern Constructors Inc	P.O. Box 9476 Knoxville, TN 37920	865-579-5351	TButler@SouthernConstructorsInc.com
Rick Balboa	Whaley & Sons INC		865-801-0478	cmadison@whaleyandsons.com
Robert Coqqin	DCSI		865-523-9730	Rokut@dcsigc.com
GEORGE DAVIS	CITY OF KNOXVILLE	3131 MORRIS AVE KNOXVILLE, TN 37921	865-215-6121	gdavis@knoxville.tn.gov
Paige McKinnon	McKinnon Construction	7255 Corporate Park Drive London TN 37774	615-400-3030	pmckinnon@kbbath.net
Michael Edwards	Adams Contracting	501 Darby Creek Rd Lexington Ky	606-594-2174	Estimating@ adamsoncontractingky.com

Boye/CG (9/7/17)
Boye H. Evans
Purchasing Agent