

ADDENDUM NO. 2

DATE: January 11, 2017
TO: All Bidders
FROM: *BEW*
Boyce H. Evans, Purchasing Agent
SUBJECT: Addendum No. 2 – Pleasant Ridge at Wilson Sidewalk
Project
PROJECT NO.: 14C-S-0569
BIDS TO BE OPENED: January 18, 2017, at 11:00:00 a.m. Eastern Time

This addendum is being published to provide the updated project plans referenced in Addendum 1 but were not included for the above-referenced Invitation to Bid. This addendum becomes a part of the Contract Document and modifies the original specifications as noted.

END OF ADDENDUM NO. 2

PROJECT No.	YEAR	SHEET No.	
14C-S-0569	2017	2	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	1/10/17	MLK	ADDENDUM #1

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1.10	MOBILIZATION OF FORCES, SUPPLIES AND EQUIPMENT (MAXIMUM AMOUNT = \$4,000 + 3% OF CONTRACT AMOUNT)	L.S.	1
(1) 2.20	TREE REMOVAL	L.S.	1
(2) 3.10	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1
4.20	COMMON EXCAVATION (USE FOR CURB AND GUTTER, SAWCUT)	C.Y.	475
(3) 5.10	MINERAL AGGREGATE BASE, CLASS A, GRADE D	TON	680
(4) 5.30	MAINTENANCE STONE	TON	12
7.10	TACK COAT	GAL	75
9.20	BITUMINOUS PLANT MIX, GRADING B-M	TON	64
9.30	BITUMINOUS PLANT MIX, GRADING C	TON	69
9.50	BITUMINOUS PLANT MIX, GRADING C-S	TON	10
12.44	4" DETACHED CONCRETE CURB, TYPE A (MOUNTABLE)	L.F.	50
12.62	6" CONCRETE COMBINED CURB & GUTTER, TYPE 6-30	L.F.	1390
12.65	6" DETACHED CONCRETE CURB, TYPE A (NONMOUNTABLE)	L.F.	152
(5) 13.10	CONCRETE SIDEWALKS	S.F.	9845
13.20	CONCRETE DRIVEWAYS	S.F.	740
20.14	18" R.C.P.	L.F.	274
20.35	45" X 29" OVAL R.C.P.	L.F.	540
(6) 20.40	ADJUSTMENT OF DRAINAGE STRUCTURE (WEIGEL'S)	EACH	1
22.11	NO. 12 CATCH BASIN, 0' - 4' DEPTH	EACH	1
22.12	NO. 12 CATCH BASIN, >4' - 8' DEPTH	EACH	5
22.13	NO. 12 CATCH BASIN, >16' - 20' DEPTH	EACH	1
22.15	NO. 42 CATCH BASIN, 0' - 4' DEPTH	EACH	1
22.42	ADJUSTMENT OF EXISTING AREA DRAIN	EACH	1
26.10	TOPSOIL	C.Y.	100
27.10	SEEDING	S.Y.	400
(7) 28.10	SODDING	S.Y.	345
(8) 31.10	EROSION CONTROL	L.S.	1
34.10	CONSTRUCTION AREA TRAFFIC CONTROL	L.S.	1
70.20	TACTILE WARNING SYSTEM, CAST-IN-PLACE	EACH	2
(9) 81.10	REDI-ROCK RETAINING WALL	SF	1280

FOOTNOTES:

- (1) 20 TREES RANGING FROM 12" - 30" DIAMETER TO BE REMOVED
- (2) ITEMS TO BE REMOVED ARE INDICATED ON SHEET NOS. 14 - 16. INCLUDES REMOVAL AND DISPOSAL OF PIPES, PAVEMENTS, SIDEWALK, CURB AND CURB & GUTTER.
- (3) INCLUDES AGGREGATE BASE UNDER ASPHALT DRIVEWAYS, WITHIN ASPHALT REPAIR IN STREETS AND UNDER CURB AND GUTTER
- (4) TO BE USED AT DRIVEWAYS TO PROVIDE ACCESS DURING CONSTRUCTION.
- (5) TO INCLUDE THE COST OF CURB RAMPS AT INTERSECTIONS
- (6) TO INCLUDE 12" HDPE NYLOPLAST DRAIN BASIN WITH 2' X 2' CURB INLET STRUCTURE, FLUME, CURBING, BACKFILL AND 8" N-12 DUAL WALL PIPE CORED INTO THE 45" X 29" OVAL R.C.P.
- (7) 7' SOD STRIP TO BE CENTERED ALONG PROPOSED DITCH
- (8) INCLUDES ALL EROSION AND SEDIMENT CONTROL ITEMS AS SHOWN ON SHEET NOS. 11 - 13
- (9) INCLUDES COST OF RAILING

GENERAL NOTES

GRADING

- (1) ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES MUST BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION IN ACCORDANCE WITH THE PROVISIONS SPECIFIED IN THE CITY OF KNOXVILLE BMP MANUAL.
- (2) EXCAVATED MATERIAL IN EXCESS OF THAT REQUIRED FOR EMBANKMENT FILLING, OR UNSUITABLE FOR SUCH SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR WITH THE SITE OF DISPOSAL BEING APPROVED BY THE ENGINEER. ALL APPLICABLE PERMITS FOR THE DISPOSAL OF MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR.
- (3) ALL EARTHEN AREAS EXPOSED BY CONSTRUCTION SHALL BE COVERED WITH 4 INCHES OF TOPSOIL AND SODDED. WORK SHALL BE DONE IN AN EXPEDIENT MANNER TO MINIMIZE TIME OF EXPOSURE TO WEATHER.
- (4) ANY AREA THAT IS DISTURBED OUTSIDE OF THE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR SHALL ONLY CLEAR AREAS TO BE EXCAVATED.
- (5) ANY INCIDENTAL PAVEMENT REMOVAL REQUIRED SHALL BE PAID FOR UNDER ITEM 4.20, COMMON EXCAVATION.

DRAINAGE

- (1) THE COST OF EXCAVATION AND BACKFILL FOR PIPE CULVERTS AND CATCH BASINS IS TO BE INCLUDED IN THE PRICE BID FOR THE RESPECTIVE STRUCTURE.
- (2) WHERE A PIPE CULVERT OR CATCH BASIN IS MOVED TO A NEW LOCATION FROM THAT SHOWN ON THE PLANS, THUS INCREASING OR DECREASING THE AMOUNT OF EXCAVATION, NO INCREASE OR DECREASE OF PAYMENT SHALL BE MADE FOR SUCH CHANGE.
- (3) ALL PIPE CULVERTS SHALL BE INSTALLED WITH A MINIMUM CLASS "B" BEDDING WITH A MINERAL BASE FOUNDATION MEETING THE REQUIREMENTS OF SECTION 5.0 OF THE CITY OF KNOXVILLE SPECIFICATIONS. ALL PIPE CULVERTS UNDER ROADWAYS, CURBS, GUTTERS OR SIDEWALK SHALL BE BACKFILLED WITH MINERAL AGGREGATE BASE.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) THE CONTRACTOR SHALL NOTIFY AFFECTED PROPERTY OWNERS PRIOR TO BEGINNING WORK.
- (2) ACCESS TO ALL PROPERTIES MUST BE MAINTAINED DURING CONSTRUCTION.
- (3) THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A STAGING AREA WITH THE APPROVAL OF THE ENGINEER, LOCATED TO MINIMIZE IMPACT TO THE AREA. THE CONTRACTOR MUST IDENTIFY A PARKING AREA, WITH THE APPROVAL OF THE ENGINEER, FOR EMPLOYEE PARKING.
- (4) THE CONTRACTOR SHALL NOT OPERATE TRACK-DRIVEN EQUIPMENT ON THE ADJACENT LOCAL STREET SYSTEM AND IS DISCOURAGED FROM OPERATING RUBBER-TIRED CONSTRUCTION EQUIPMENT ON ADJACENT STREETS. IN THE EVENT THAT SUCH OPERATIONS BECOME NECESSARY, THEY MUST BE COORDINATED THROUGH THE ENGINEER.
- (5) THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING NECESSARY TRAFFIC CONTROL. ALL SITUATIONS AND TRAFFIC SCHEMES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 34.0 AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD).

UTILITIES

- (1) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED.
- (2) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
- (3) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4) THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED AROUND UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENTS.
- (5) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
- (6) SOME UTILITIES CAN BE LOCATED BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC. AT 1-800-351-1111
- (7) ALL POWER, LIGHT AND COMMUNICATION LINES, POLES, WATER LINES, GAS LINES, SEWER LINES OR OTHER PUBLIC UTILITIES CONFLICTING WITH THE PROPOSED IMPROVEMENTS SHALL BE RESET OR ADJUSTED BY THEIR RESPECTIVE OWNERS AS FOLLOWS:

KNOXVILLE UTILITIES BOARD - ALL GAS, ELECTRIC, WATER AND SANITARY SEWER LINES
 AT&T - ALL TELEPHONE LINES
 KNOLOGY OR COMCAST - ALL CABLE TELEVISION



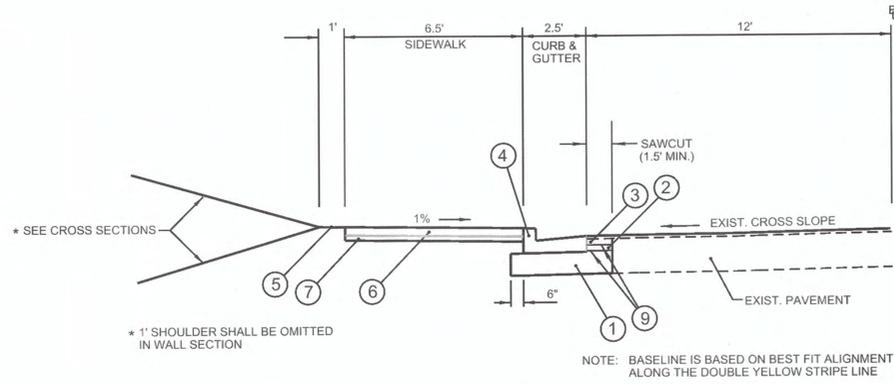
CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

ESTIMATED QUANTITIES AND GENERAL NOTES

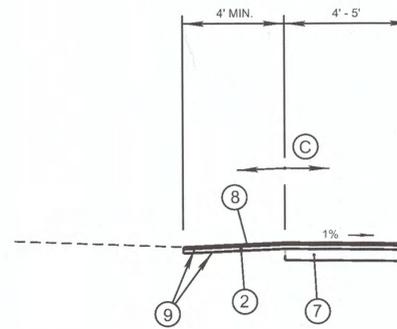
PLEASANT RIDGE AT WILSON
SIDEWALK PROJECT

DRAWN: MLK
DESIGNED: MLK
DATE: 1-3-2017
CHECKED: EAM
APPROVED: COT

PROJECT No.	YEAR	SHEET No.	
14C-S-0569	2017	3	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	1/10/17	MLK	ADDENDUM #1



PLEASANT RIDGE ROAD TYPICAL



DRIVEWAY TIE

- NOTES:
- A. DRIVEWAY AREA BEHIND SIDEWALK TO BE MILLED A MINIMUM OF 3" FOR A MINIMUM DISTANCE OF 4'. COST TO BE INCLUDED IN OTHER ITEMS.
 - B. BINDER THICKNESS UNDER DRIVEWAY MAY BE REDUCED TO 2" IN AREAS WHERE GRADE DIFFERENCE IS MINIMAL.

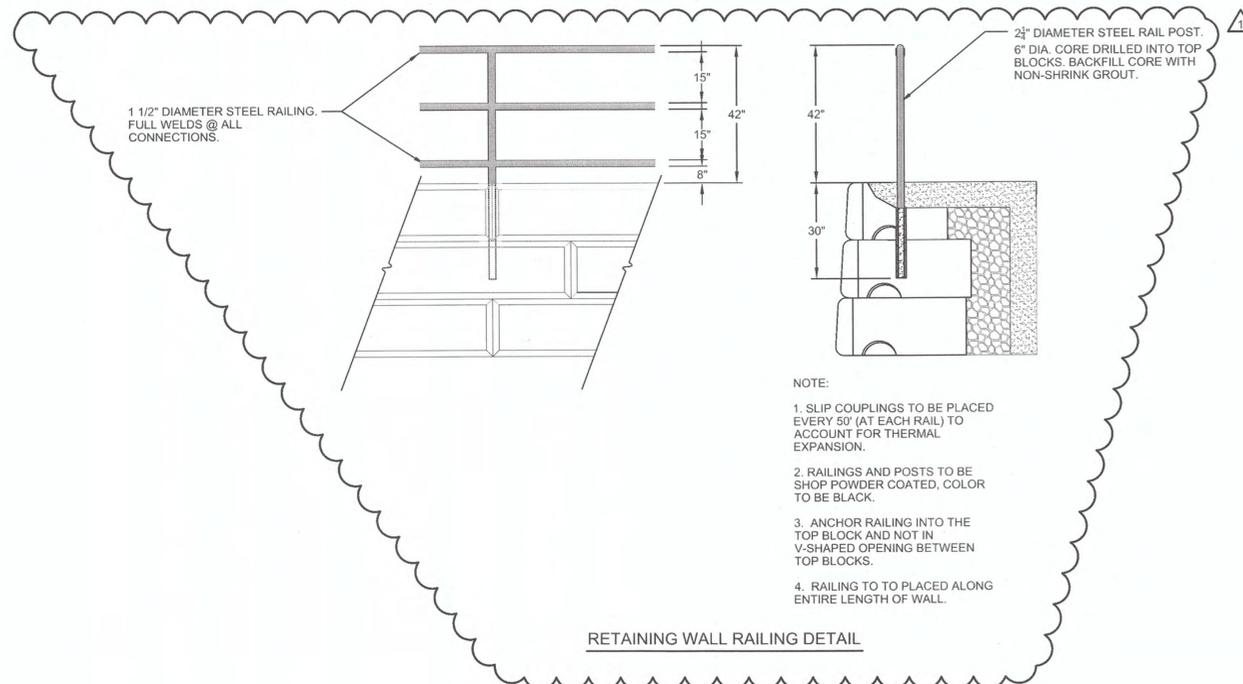
* SEE CROSS SECTIONS

* 1' SHOULDER SHALL BE OMITTED IN WALL SECTION

NOTE: BASELINE IS BASED ON BEST FIT ALIGNMENT ALONG THE DOUBLE YELLOW STRIPE LINE

PAVEMENT SCHEDULE		
ITEM	TECH. SPEC.	DESCRIPTION
1	5.0	12" MINERAL AGGREGATE BASE
2	9.0	3" BITUMINOUS PLANT MIX GRADING "B-M"
3	9.0	3" BITUMINOUS PLANT MIX GRADING "C"
4	12.0	6" COMBINED CURB AND GUTTER, TYPE 6-30
5	26.0 & 28.0	4" TOPSOIL AND SOD
6	13.0	4" CONCRETE SIDEWALK
7	5.0	2" MINERAL AGGREGATE BASE
8	9.0	1" BITUMINOUS PLANT MIX BASE, GRADING "C-S"
9	13.0	6" CONCRETE DRIVEWAY
10	9.0	TACK COAT

* SHALL ALSO BE USED FOR PAVEMENT WEDGE. DEPTH VARIES FROM 0" - 8". SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.



RETAINING WALL RAILING DETAIL



CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

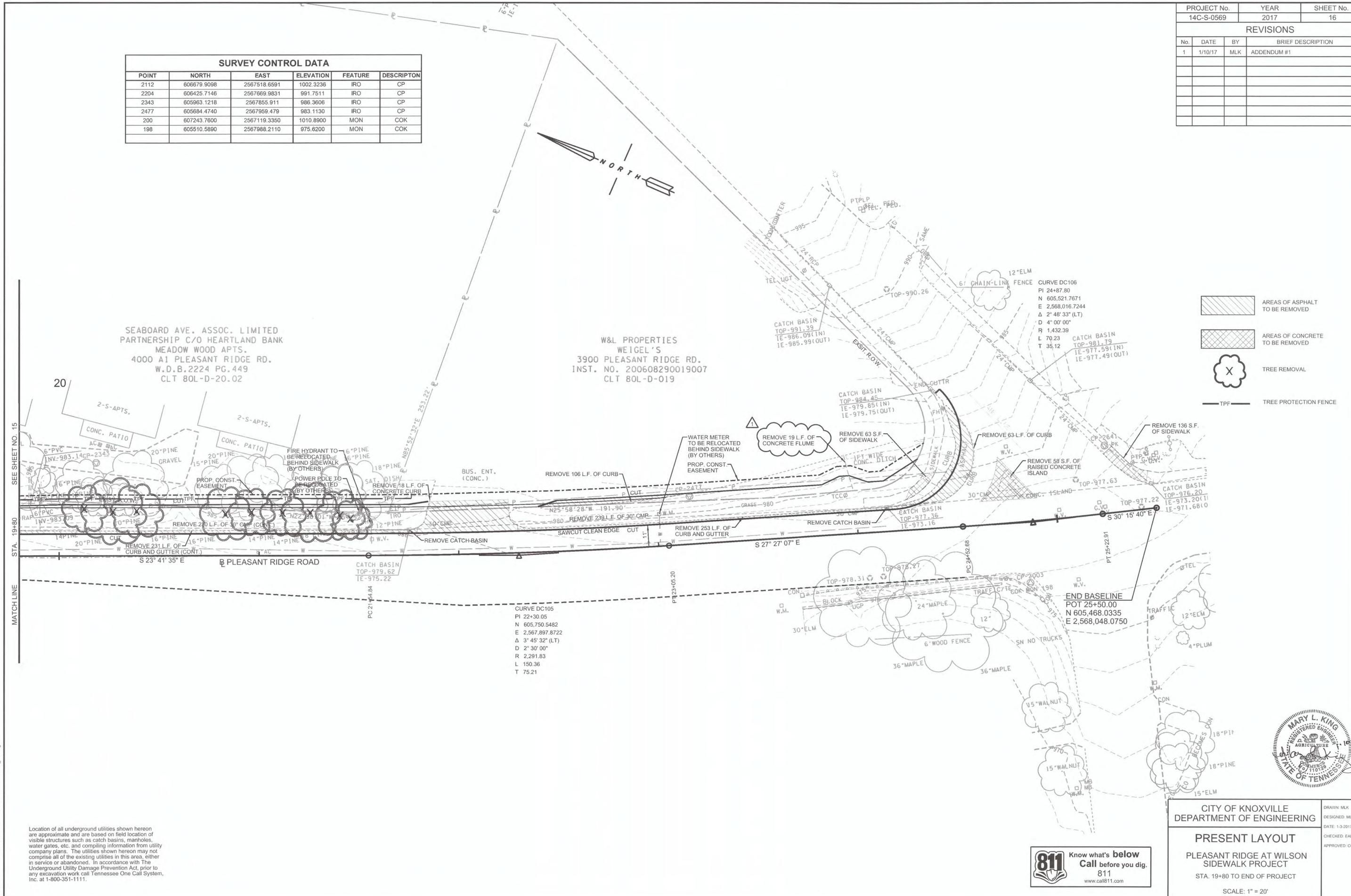
TYPICAL SECTIONS,
PAVEMENT SCHEDULE &
CONSTRUCTION DETAILS

PLEASANT RIDGE AT WILSON
SIDEWALK PROJECT

DRAWN: MLK
DESIGNED: MLK
DATE: 1-3-2017
CHECKED: EAM
APPROVED: COT

PROJECT No.	YEAR	SHEET No.	
14C-S-0569	2017	16	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	1/10/17	MLK	ADDENDUM #1

SURVEY CONTROL DATA					
POINT	NORTH	EAST	ELEVATION	FEATURE	DESCRIPTION
2112	606879.9098	2567518.6591	1002.3236	IRO	CP
2204	606425.7146	2567669.9831	991.7511	IRO	CP
2343	605963.1218	2567855.911	986.3606	IRO	CP
2477	605684.4740	2567959.479	983.1130	IRO	CP
200	607243.7600	2567119.3350	1010.8900	MON	COK
198	605510.5890	2567988.2110	975.6200	MON	COK



- AREAS OF ASPHALT TO BE REMOVED
- AREAS OF CONCRETE TO BE REMOVED
- TREE REMOVAL
- TREE PROTECTION FENCE

Location of all underground utilities shown hereon are approximate and are based on field location of visible structures such as catch basins, manholes, water gates, etc. and compiling information from utility company plans. The utilities shown hereon may not comprise all of the existing utilities in this area, either in service or abandoned. In accordance with The Underground Utility Damage Prevention Act, prior to any excavation work call Tennessee One Call System, Inc. at 1-800-351-1111.

811 Know what's below
Call before you dig.
811
www.call811.com



CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

PRESENT LAYOUT
PLEASANT RIDGE AT WILSON
SIDEWALK PROJECT
STA. 19+80 TO END OF PROJECT

SCALE: 1" = 20'

DRAWN: MLK
DESIGNED: MLK
DATE: 1-3-2017
CHECKED: EAM
APPROVED: COT

11/10/2017 F:\36135691\35691001\CAD\CIVIL\14C-S-0569\16.dgn

CURVE NO.	Δ	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING	CHORD LENGTH
C-1	130° 26' 31"	32.25'	73.42'	69.86'	N 87° 19' 38" E	58.56'

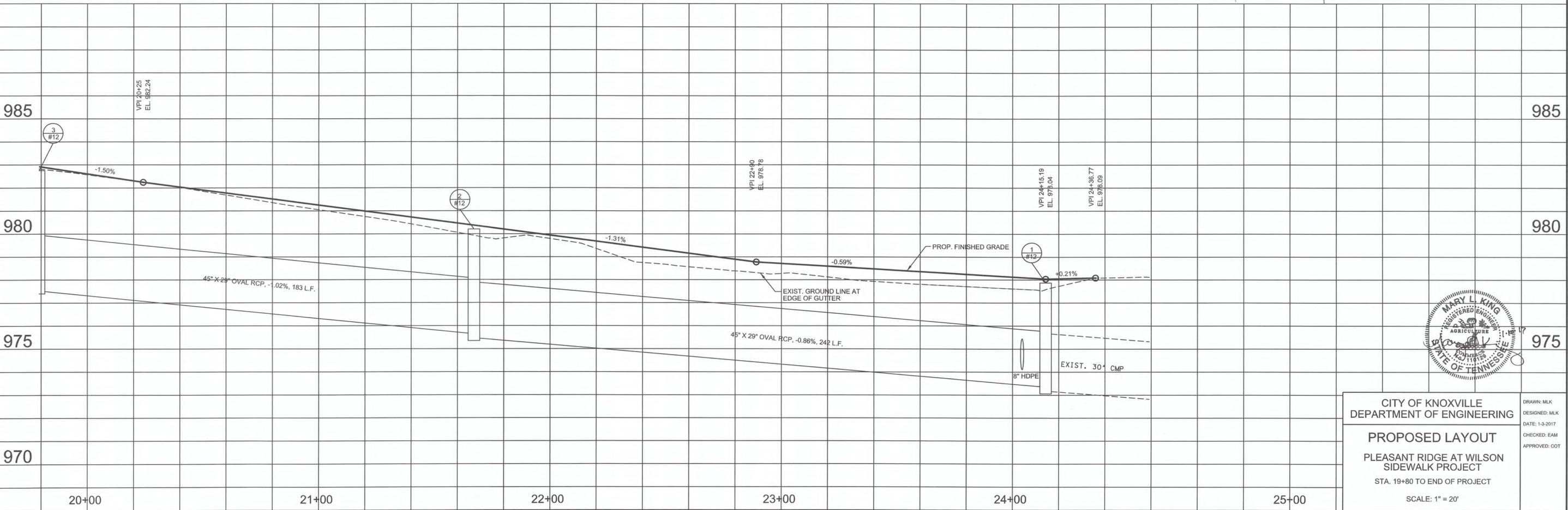
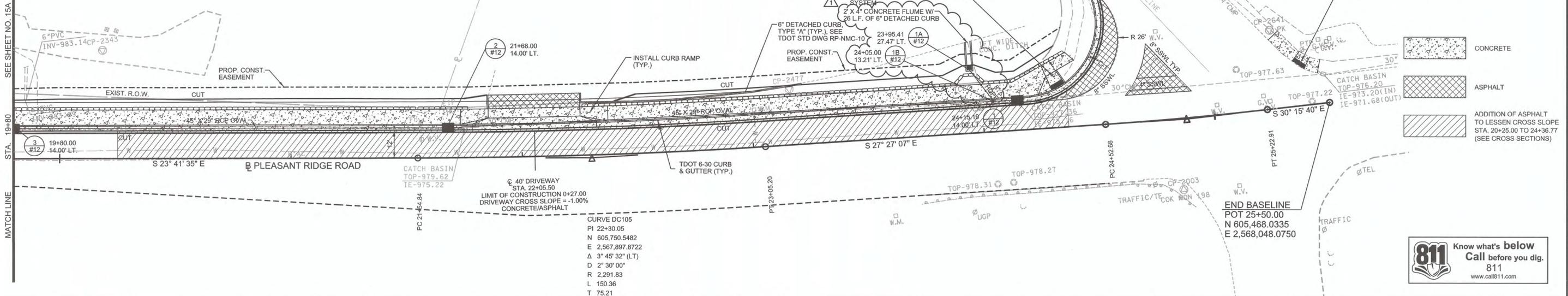
PROJECT No.	YEAR	SHEET No.
14C-S-0569	2017	16A

REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	1/10/17	MLK	ADDENDUM #1

SEABOARD AVE. ASSOC. LIMITED PARTNERSHIP C/O HEARTLAND BANK
MEADOW WOOD APTS.
4000 A1 PLEASANT RIDGE RD.
W.D.B.2224 PG.449
CLT 80L-D-20.02

W&L PROPERTIES
WEIGEL'S
3900 PLEASANT RIDGE RD.
INST. NO. 200608290019007
CLT 80L-D-019

SEE SHEET NO. 15A
STA. 19+80
MATCH LINE



CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

PROPOSED LAYOUT
PLEASANT RIDGE AT WILSON
SIDEWALK PROJECT
STA. 19+80 TO END OF PROJECT
SCALE: 1" = 20'

DRAWN: MLK
DESIGNED: MLK
DATE: 1-3-2017
CHECKED: EAM
APPROVED: COT

1/10/2017
F:\351\356691\35669100_CADD\CIVIL\PL\DOT_35669100_16A.dgn