



Matthew G. Bevin
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

March 6, 2018

CALL NO. 100
CONTRACT ID NO. 181201
ADDENDUM # 1

Subject: Fayette County, NHPP 2681 (033)
Letting March 23, 2018

- (1) Delete - Special Note for Geogrid Reinforcement for Asphalt Pavements- Pages 219-220 of 281
- (2) Added - Special Note - Page 45(a) of 281
- (3) Added - Drawing Station E58 - Page 47(a) of 281
- (4) Revised - Special Note - Page 48 of 281
- (5) Revised - Proposal Bid Items - Pages 270-281 of 281
- (6) Revised - Plan Sheets- R2N, R20, R26, R30, R58, R58A, R70A, R78, R82, R82A, R104 and T001
- (7) Replace - Structure Drawing #27260 Sheets S1 - S52
- (8) Replace - Structure Drawing #27261 Sheets S1 - S39
- (9) Replace - Structure Drawing #27262 Sheets S1 - S37
- (10) Replace - Structure Drawing #27263 Sheets S1 - S6

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

SPECIAL NOTE FOR FABRICATED COMPONENTS

1.0 DESCRIPTION. Furnish all equipment, materials and labor necessary for constructing the bridge using previously fabricated prestressed concrete beams. Work includes delivery and erection of the beams.

2.0 MATERIALS. Selected prestressed concrete beams to be installed by the Contractor have been fabricated and will be provided by the Department. The beams are located at the Prestress Services Industries LLC (PSI) facility at 5501 Briar Hill Road, Lexington, KY, 40516. The contact information for bidding purposes of “Beam Erection” at PSI is Mr. Paul Baker, (859) 294-8277. The successful bidder shall contact Mr. Gehrig Roberts ((859) 685-1322) at PSI a minimum of four (4) weeks prior to needing beams on the project to arrange transportation of the beams.

3.0 CONSTRUCTION. Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway’s 2012 Standard Specifications for Road and Bridge Construction and applicable Supplemental Specifications, the Standard Drawings, this Note, the Contract Plans, and as directed by the Engineer.

The lifting loops on the beams will not be usable for handling of the beams. The contractor shall use others means, such as slings, to lift the beams. The Contractor will be required to submit a lifting plan to the Department for review and approval a minimum of two weeks prior to transporting beams. This plan should detail the equipment and means of how the beams will be loaded, unloaded, and set into place.

4.0 MEASUREMENT.

4.1 Beam Erection: The Department will measure the quantity by each individual unit, precast piece. The Department will not measure any modifications to the prestressed concrete beams or fabrication and installation of the elastomeric bearing assemblies and structural steel intermediate diaphragms and will consider them incidental to this item of work.

5.0 PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
23953EC	Beam Erection	Each

The Department will consider payment as full compensation for all work required in this note.

Note, after the project begins, the Department will inventory and evaluate all Fabricated Components. The Department will pay for by change order to the contract any missing or damaged components.

FAYETTE CO. KY 4 ~m.p. 8.25
 ~LAT/LONG N 38.074684, W 84.515357
 STATION E58

SITE LOCATION IS APPROXIMATE AND WILL BE DETERMINED IN THE FIELD AND APPROVED BY DIVISION OF PLANNING PERSONNEL PRIOR TO ANY CONSTRUCTION.

ALL LOOPS SHALL BE 6'X6' SQUARE AND SHALL BE INSTALLED 16' FROM LEADING EDGE TO LEADING EDGE AS SHOWN. PIEZOELECTRIC SENSORS (PIEZOS) SHALL BE INSTALLED 5' FROM THE EDGE OF LOOPS WITH THE EDGE OF EACH PIEZO FLUSH WITH THE EDGE OF THE CORRESPONDING DRIVING LANE. LOOPS AND PIEZOS SHALL BE INSTALLED SPICE-FREE TO THE CABINET AND A MINIMUM OF 2' OF WIRE FOR EACH SENSOR SHALL BE COILED AND LABELED INSIDE EACH JUNCTION BOX AND CABINET. DIVISION OF PLANNING PERSONNEL WILL CONNECT THE LOOPS AND PIEZOS INSIDE THE CABINET.

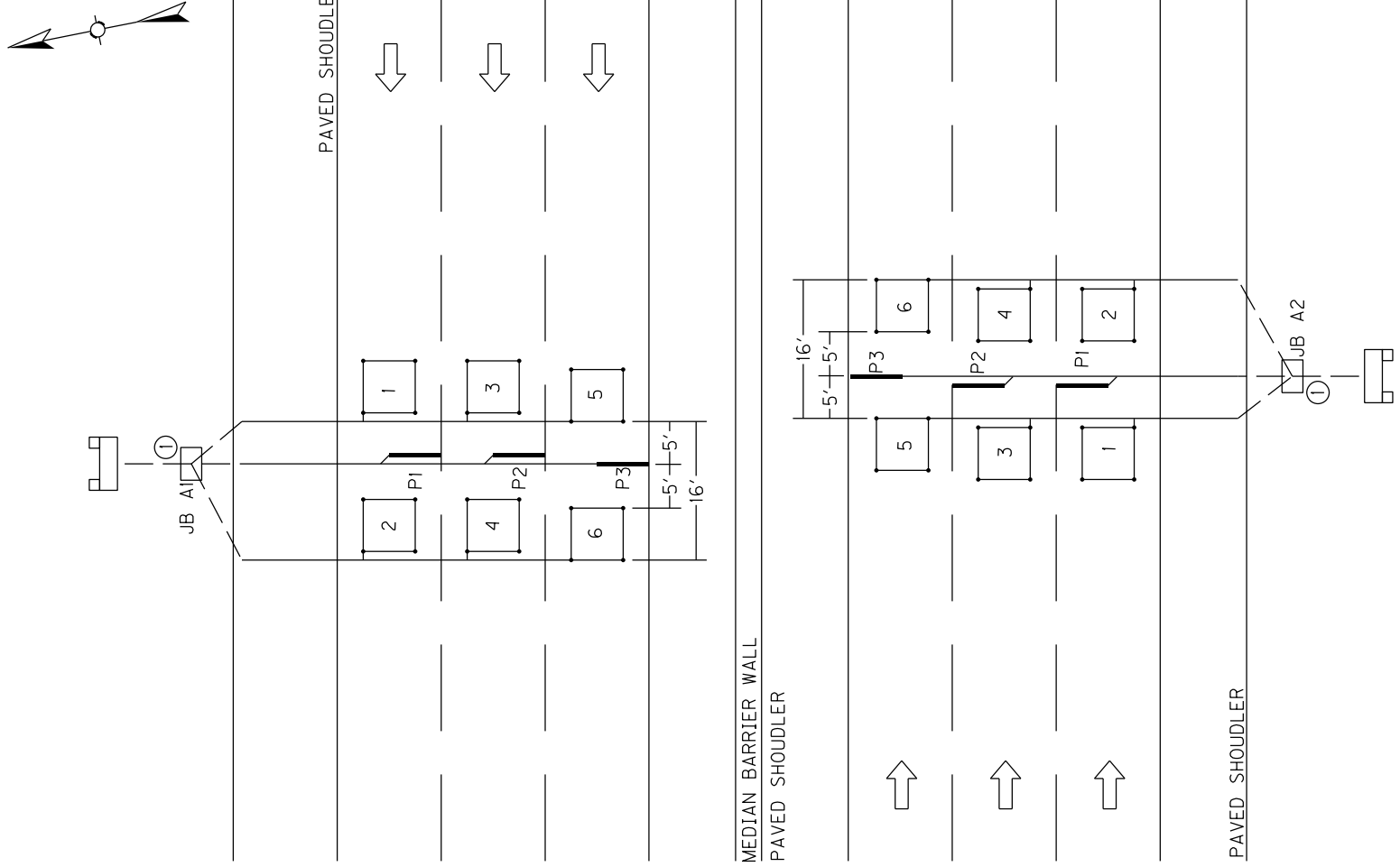
INSTALL ONE (1) 1/4" CONDUIT FROM EACH SAW SLOT TO NEAREST JUNCTION BOX.

INSTALL TWO (2) TYPE A JUNCTION BOXES (JB A1 AND A2).

INSTALL TWO (2) 20"X20"X8" CABINETS MOUNTED TO TWO (2) WOOD POSTS EACH.

CODED NOTE:

① INSTALL ONE (1) 2" CONDUIT.



Permanent Traffic Data Acquisition Station
 Estimate Of Quantities

**PERMANENT TRAFFIC DATA ACQUISITION STATIONS
 ESTIMATE OF QUANTITIES**

Bid Item Code	Description	Unit	Quantity
2562	TEMPORARY SIGNS	SQ FT	
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM	
2775	ARROW PANEL	EACH	
4791	CONDUIT ¾ INCH	LIN FT	
4793	CONDUIT 1 ¼ INCH	LIN FT	180
4795	CONDUIT 2 INCH	LIN FT	100
4811	ELECTRICAL JUNCTION BOX TYPE B	EACH	
4820	TRENCHING AND BACKFILLING	LIN FT	250
4821	OPEN CUT ROADWAY	LIN FT	
4829	PIEZOELECTRIC SENSOR	EACH	21
4830	LOOP WIRE	LIN FT	9925
4850	CABLE NO. 14/1 PAIR	LIN FT	
4871	POLE – 35’ WOODEN	EACH	
4895	LOOP SAW SLOT AND FILL	LIN FT	2050
4899	ELECTRICAL SERVICE	EACH	
20213EC	INSTALL PAD MOUNT ENCLOSURE	EACH	
20359NN	GALVANIZED STEEL CABINET	EACH	6
20360ES818	WOOD POST	EACH	12
20391NS835	ELECTRICAL JUNCTION BOX TYPE A	EACH	6
20392NS835	ELECTRICAL JUNCTION BOX TYPE C	EACH	
20468EC	ELECTRICAL JUNCTION BOX 10x8x4	EACH	
21543EN	BORE AND JACK CONDUIT	LIN FT	
23206EC	INSTALL CONTROLLER CABINET	EACH	

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	130,558.00	TON		\$	
0020	00018		DRAINAGE BLANKET-TYPE II-ASPH	19,840.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	373.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	46.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	8,921.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	61,450.00	TON		\$	
0070	00216		CL3 ASPH BASE 1.00D PG76-22	18,105.00	TON		\$	
0080	00336		CL3 ASPH SURF 0.38A PG76-22	11,301.00	TON		\$	
0090	00339		CL3 ASPH SURF 0.38D PG64-22	1,696.00	TON		\$	
0100	00356		ASPHALT MATERIAL FOR TACK	222.00	TON		\$	
0110	00358		ASPHALT CURING SEAL	70.00	TON		\$	
0120	02073		JPC PAVEMENT-9 IN	402.00	SQYD		\$	
0130	02101		CEM CONC ENT PAVEMENT-8 IN	82.00	SQYD		\$	
0140	02677		ASPHALT PAVE MILLING & TEXTURING	2,699.00	TON		\$	
0150	22906ES403		CL3 ASPH SURF 0.38A PG64-22	4,471.00	TON		\$	
0160	24470ED		PERMEABLE PAVEMENT DRAIN	212.00	SQYD		\$	
0170	24942EC		CEM CONC ENT PAVEMENT-9 IN	557.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	00071		CRUSHED AGGREGATE SIZE NO 57	3,900.00	TON		\$	
0190	00078		CRUSHED AGGREGATE SIZE NO 2	290.00	TON		\$	
0200	00080		CRUSHED AGGREGATE SIZE NO 23	15,333.00	TON		\$	
0210	01310		REMOVE PIPE	157.00	LF		\$	
0220	01314		PLUG PIPE	3.00	EACH		\$	
0230	01584		CAP DROP BOX INLET	2.00	EACH		\$	
0240	01585		REMOVE DROP BOX INLET	1.00	EACH		\$	
0250	01810		STANDARD CURB AND GUTTER	12,440.00	LF		\$	
0260	01820		LIP CURB AND GUTTER	1,366.00	LF		\$	
0270	01825		ISLAND CURB AND GUTTER	4,452.00	LF		\$	
0280	01830		STANDARD INTEGRAL CURB	1,679.00	LF		\$	
0290	01875		STANDARD HEADER CURB	112.00	LF		\$	
0300	01880		BARRIER HEADER CURB	85.00	LF		\$	
0310	01891		ISLAND HEADER CURB TYPE 2	208.00	LF		\$	
0320	01917		STANDARD BARRIER MEDIAN TYPE 2	1,800.00	SQYD		\$	
0330	01946		MOUNTABLE MEDIAN TYPE 2A	333.00	SQYD		\$	
0340	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	92.00	EACH		\$	
0350	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	2.00	EACH		\$	
0360	01984		DELINEATOR FOR BARRIER - WHITE	1.00	EACH		\$	
0370	01985		DELINEATOR FOR BARRIER - YELLOW	44.00	EACH		\$	
0380	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	11.00	EACH		\$	
0390	01990		DELINEATOR FOR BARRIER WALL-B/W	10.00	EACH		\$	
0400	02001		CURB TO BARRIER WALL TRANS	10.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02003		RELOCATE TEMP CONC BARRIER	24,205.00	LF		\$	
0420	02014		BARRICADE-TYPE III	12.00	EACH		\$	
0430	02015		CEMENT CONCRETE ISLAND	414.00	SQYD		\$	
0440	02091		REMOVE PAVEMENT	2,760.00	SQYD		\$	
0450	02157		PAVED DITCH TYPE 1	9.00	SQYD		\$	
0460	02159		TEMP DITCH	29,500.00	LF		\$	
0470	02200		ROADWAY EXCAVATION (REVISED: 3-6-18)	185,181.00	CUYD		\$	
0480	02242		WATER (FOR DUST CONTROL)	11.90	MGAL		\$	
0490	02262		FENCE-WOVEN WIRE TYPE 1	2,634.00	LF		\$	
0500	02265		REMOVE FENCE	1,382.00	LF		\$	
0510	02268		REMOVE & REPLACE FENCE	990.00	LF		\$	
0520	02351		GUARDRAIL-STEEL W BEAM-S FACE	6,613.00	LF		\$	
0530	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	7.00	EACH		\$	
0540	02367		GUARDRAIL END TREATMENT TYPE 1	14.00	EACH		\$	
0550	02369		GUARDRAIL END TREATMENT TYPE 2A	11.00	EACH		\$	
0560	02381		REMOVE GUARDRAIL	8,831.00	LF		\$	
0570	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	1.00	EACH		\$	
0580	02403		REMOVE CONCRETE MASONRY	125.00	CUYD		\$	
0590	02429		RIGHT-OF-WAY MONUMENT TYPE 1	74.00	EACH		\$	
0600	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	3.00	EACH		\$	
0610	02432		WITNESS POST	3.00	EACH		\$	
0620	02483		CHANNEL LINING CLASS II	437.00	TON		\$	
0630	02484		CHANNEL LINING CLASS III	404.00	TON		\$	
0640	02545		CLEARING AND GRUBBING (APPROXIMATELY 31.4 ACRES)	1.00	LS		\$	
0650	02555		CONCRETE-CLASS B	462.00	CUYD		\$	
0660	02562		TEMPORARY SIGNS	1,500.00	SQFT		\$	
0670	02585		EDGE KEY	1,935.00	LF		\$	
0680	02587		HOOK BOLT WITH EXPAN ANCHOR	255.00	EACH		\$	
0690	02599		FABRIC-GEOTEXTILE TYPE IV	132,798.00	SQYD		\$	
0700	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	41,592.00	SQYD	\$2.00	\$	\$83,184.00
0710	02625		REMOVE HEADWALL	1.00	EACH		\$	
0720	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0730	02651		DIVERSIONS (BY-PASS DETOURS) (EX EB KY4 TO EX NB NT)	1.00	LS		\$	
0740	02651		DIVERSIONS (BY-PASS DETOURS) (EX SB NT TO PR WB KY4)	1.00	LS		\$	
0750	02651		DIVERSIONS (BY-PASS DETOURS) (EX WB KY4 TO PR SB NT)	1.00	LS		\$	
0760	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0770	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0780	02690		SAFELOADING	223.00	CUYD		\$	
0790	02696		SHOULDER RUMBLE STRIPS	56,520.00	LF		\$	
0800	02701		TEMP SILT FENCE	35,900.00	LF		\$	
0810	02703		SILT TRAP TYPE A	122.00	EACH		\$	
0820	02704		SILT TRAP TYPE B	122.00	EACH		\$	
0830	02705		SILT TRAP TYPE C	186.00	EACH		\$	
0840	02706		CLEAN SILT TRAP TYPE A	732.00	EACH		\$	

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0850	02707		CLEAN SILT TRAP TYPE B	732.00	EACH		\$	
0860	02708		CLEAN SILT TRAP TYPE C	558.00	EACH		\$	
0870	02720		SIDEWALK-4 IN CONCRETE	4,388.00	SQYD		\$	
0880	02726		STAKING	1.00	LS		\$	
0890	02731		REMOVE STRUCTURE (STA. 135+05, 2-SPAN BRIDGE)	1.00	LS		\$	
0900	02731		REMOVE STRUCTURE (STA. 146+12, BILLBOARD)	1.00	LS		\$	
0910	02731		REMOVE STRUCTURE (STA. 166+10, 4-SPAN BRIDGE)	1.00	LS		\$	
0920	02731		REMOVE STRUCTURE (STA. 166+75,4-SPAN BRIDGE)	1.00	LS		\$	
0930	02731		REMOVE STRUCTURE (STA. 179+10, 2-SPAN BRIDGE)	1.00	LS		\$	
0940	02731		REMOVE STRUCTURE (STA. 197+52, BILLBOARD)	1.00	LS		\$	
0950	02775		ARROW PANEL	6.00	EACH		\$	
0960	02898		RELOCATE CRASH CUSHION	31.00	EACH		\$	
0970	03171		CONCRETE BARRIER WALL TYPE 9T	9,540.00	LF		\$	
0980	03225		TUBULAR MARKERS	62.00	EACH		\$	
0990	04934		TEMP SIGNAL MULTI PHASE	1.00	EACH		\$	
1000	05950		EROSION CONTROL BLANKET	15,211.00	SQYD		\$	
1010	05952		TEMP MULCH	290,000.00	SQYD		\$	
1020	05953		TEMP SEEDING AND PROTECTION	28,378.00	SQYD		\$	
1030	05963		INITIAL FERTILIZER	8.90	TON		\$	
1040	05964		20-10-10 FERTILIZER	16.70	TON		\$	
1050	05985		SEEDING AND PROTECTION	283,780.00	SQYD		\$	
1060	05989		SPECIAL SEEDING CROWN VETCH	20,850.00	SQYD		\$	
1070	05990		SODDING	7,907.00	SQYD		\$	
1080	05992		AGRICULTURAL LIMESTONE	177.00	TON		\$	
1090	06510		PAVE STRIPING-TEMP PAINT-4 IN	295,000.00	LF		\$	
1100	06514		PAVE STRIPING-PERM PAINT-4 IN	33,862.00	LF		\$	
1110	06515		PAVE STRIPING-PERM PAINT-6 IN	76,291.00	LF		\$	
1120	06516		PAVE STRIPING-PERM PAINT-8 IN (CROSS WALK)	1,994.00	LF		\$	
1130	06542		PAVE STRIPING-THERMO-6 IN W	1,121.00	LF		\$	
1140	06545		PAVE STRIPING-THERMO-8 IN Y	534.00	LF		\$	
1150	06546		PAVE STRIPING-THERMO-12 IN W	5,908.00	LF		\$	
1160	06550		PAVE STRIPING-TEMP REM TAPE-W	1,000.00	LF		\$	
1170	06551		PAVE STRIPING-TEMP REM TAPE-Y	1,000.00	LF		\$	
1180	06566		PAVE MARKING-THERMO X-WALK-12 IN	1,974.00	LF		\$	
1190	06568		PAVE MARKING-THERMO STOP BAR-24IN	723.00	LF		\$	
1200	06569		PAVE MARKING-THERMO CROSS-HATCH	2,711.00	SQFT		\$	
1210	06574		PAVE MARKING-THERMO CURV ARROW	84.00	EACH		\$	
1220	06575		PAVE MARKING-THERMO COMB ARROW	3.00	EACH		\$	
1230	06576		PAVE MARKING-THERMO ONLY	10.00	EACH		\$	
1240	06578		PAVE MARKING-THERMO MERGE ARROW	12.00	EACH		\$	
1250	06600		REMOVE PAVEMENT MARKER TYPE V	219.00	EACH		\$	
1260	06601NC		PAVE MARKING-PAINT WORDS	6.00	EACH		\$	
1270	08100		CONCRETE-CLASS A	249.00	CUYD		\$	
1280	08150		STEEL REINFORCEMENT	626.00	LB		\$	

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1290	08903		CRASH CUSHION TY VI CLASS BT TL3	8.00	EACH		\$	
1300	10020NS		FUEL ADJUSTMENT	272,776.00	DOLL	\$1.00	\$	\$272,776.00
1310	10030NS		ASPHALT ADJUSTMENT	414,199.00	DOLL	\$1.00	\$	\$414,199.00
1320	14003		W CAP EXISTING MAIN (SANITARY SEWER)	16.00	EACH		\$	
1330	15012		S ENCASEMENT CONCRETE	8.00	LF		\$	
1340	15017		S ENCASEMENT STEEL BORED RANGE 4	330.00	LF		\$	
1350	15018		S ENCASEMENT STEEL BORED RANGE 5	20.00	LF		\$	
1360	15019		S ENCASEMENT STEEL BORED RANGE 6	180.00	LF		\$	
1370	15023		S ENCASEMENT STEEL OPEN CUT RANGE 4	40.00	LF		\$	
1380	15024		S ENCASEMENT STEEL OPEN CUT RANGE 5	216.00	LF		\$	
1390	15058		S FORCE MAIN PVC 03 INCH	370.00	LF		\$	
1400	15072		S FORCE MAIN TIE-IN 03 INCH	1.00	EACH		\$	
1410	15086		S LATERAL CLEANOUT	4.00	EACH		\$	
1420	15090		S LATERAL SHORT SIDE 06 INCH	4.00	EACH		\$	
1430	15092		S MANHOLE	27.00	EACH		\$	
1440	15093		S MANHOLE ABANDON/REMOVE	25.00	EACH		\$	
1450	15095		S MANHOLE CASTING STANDARD	25.00	EACH		\$	
1460	15096		S MANHOLE CASTING WATERTIGHT	2.00	EACH		\$	
1470	15112		S PIPE PVC 08 INCH	1,855.00	LF		\$	
1480	15114		S PIPE PVC 12 INCH	3,486.00	LF		\$	
1490	15117		S PIPE PVC 24 INCH	470.00	LF		\$	
1500	15118		S PIPE SPECIAL (PVC 30-IN)	220.00	LF		\$	
1510	15118		S PIPE SPECIAL (PVC 36-IN)	142.00	LF		\$	
1520	20000ES724		TREE (AUTUMN GOLD GINKO)	3.00	EACH		\$	
1530	20000ES724		TREE (EASTERN RED CEDAR)	14.00	EACH		\$	
1540	20000ES724		TREE (LONDON PLANETREE)	5.00	EACH		\$	
1550	20000ES724		TREE (SARGENT CHERRY)	5.00	EACH		\$	
1560	20000ES724		TREE (SERVICEBERRY)	3.00	EACH		\$	
1570	20191ED		OBJECT MARKER TY 3	6.00	EACH		\$	
1580	20411ED		LAW ENFORCEMENT OFFICER	5,000.00	HOUR		\$	
1590	20430ED		SAW CUT (NO LONG. EDGE KEY)	1,330.00	LF		\$	
1600	20451NS724		WHITE OAK	4.00	EACH		\$	
1610	20550ND		SAWCUT PAVEMENT	2,000.00	LF		\$	
1620	20591EC		REMOVE BARRIER	60.00	LF		\$	
1630	20782NS714		PAVE MARKING THERMO-BIKE	17.00	EACH		\$	
1640	21289ED		LONGITUDINAL EDGE KEY	34,412.00	LF		\$	
1650	21568ES724		SHELLBARK HICKORY	5.00	EACH		\$	
1660	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	98.00	LF		\$	
1670	22861EN		HIGH STRENGTH GEOTEXTILE FABRIC TY V (TY 5)	132,100.00	SQYD		\$	
1680	22880ED		BARRIER WALL TRANSITION	275.00	LF		\$	
1690	23143EN		DECORATIVE HANDRAIL (LEGACY TRAIL)	120.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1700	23158ES505		DETECTABLE WARNINGS	1,152.00	SQFT		\$	
1710	23244NS724		BLACKGUM	8.00	EACH		\$	
1720	23274EN11F		TURF REINFORCEMENT MAT 1	7,826.00	SQYD		\$	
1730	23877EC		CONC MEDIAN BARRIER WALL TY 14C (MODIFIED: TEXTURED)	4,006.00	LF		\$	
1740	23979EC		CRASH CUSHION TY VI CLASS C TL3	2.00	EACH		\$	
1750	24386EC		PAVE MARKING THERMO-BIKE LANE ARROW	17.00	EACH		\$	
1760	24489EC		INLAID PAVEMENT MARKER	1,763.00	EACH		\$	
1770	24679ED		PAVE MARK THERMO CHEVRON	956.00	SQFT		\$	
1780	24814EC		PIPELINE INSPECTION	10,037.00	LF		\$	
1790	24845EC		UTILITY COORDINATION	1.00	LS		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1800	00443		ENTRANCE PIPE-24 IN	22.00	LF		\$	
1810	00461		CULVERT PIPE-15 IN	585.00	LF		\$	
1820	00462		CULVERT PIPE-18 IN	194.00	LF		\$	
1830	00464		CULVERT PIPE-24 IN	139.00	LF		\$	
1840	00471		CULVERT PIPE-54 IN	53.00	LF		\$	
1850	00520		STORM SEWER PIPE-12 IN	52.00	LF		\$	
1860	00521		STORM SEWER PIPE-15 IN	1,621.00	LF		\$	
1870	00522		STORM SEWER PIPE-18 IN	3,658.00	LF		\$	
1880	00524		STORM SEWER PIPE-24 IN	1,459.00	LF		\$	
1890	00526		STORM SEWER PIPE-30 IN	1,078.00	LF		\$	
1900	00528		STORM SEWER PIPE-36 IN	520.00	LF		\$	
1910	00530		STORM SEWER PIPE-48 IN	534.00	LF		\$	
1920	00531		STORM SEWER PIPE-54 IN	174.00	LF		\$	
1930	01000		PERFORATED PIPE-4 IN	22,254.00	LF		\$	
1940	01001		PERFORATED PIPE-6 IN	7,273.00	LF		\$	
1950	01002		PERFORATED PIPE-8 IN	1,427.00	LF		\$	
1960	01004		PERFORATED PIPE-12 IN	3,200.00	LF		\$	
1970	01010		NON-PERFORATED PIPE-4 IN	1,396.00	LF		\$	
1980	01011		NON-PERFORATED PIPE-6 IN	399.00	LF		\$	
1990	01012		NON-PERFORATED PIPE-8 IN	55.00	LF		\$	
2000	01020		PERF PIPE HEADWALL TY 1-4 IN	9.00	EACH		\$	
2010	01021		PERF PIPE HEADWALL TY 1-6 IN	2.00	EACH		\$	
2020	01024		PERF PIPE HEADWALL TY 2-4 IN	4.00	EACH		\$	
2030	01025		PERF PIPE HEADWALL TY 2-6 IN	1.00	EACH		\$	
2040	01028		PERF PIPE HEADWALL TY 3-4 IN	13.00	EACH		\$	
2050	01029		PERF PIPE HEADWALL TY 3-6 IN	5.00	EACH		\$	
2060	01032		PERF PIPE HEADWALL TY 4-4 IN	27.00	EACH		\$	
2070	01033		PERF PIPE HEADWALL TY 4-6 IN	3.00	EACH		\$	
2080	01034		PERF PIPE HEADWALL TY 4-8 IN	2.00	EACH		\$	
2090	01200		PIPE CULVERT HEADWALL-12 IN	1.00	EACH		\$	
2100	01202		PIPE CULVERT HEADWALL-15 IN	8.00	EACH		\$	
2110	01204		PIPE CULVERT HEADWALL-18 IN	3.00	EACH		\$	
2120	01208		PIPE CULVERT HEADWALL-24 IN	2.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2130	01210		PIPE CULVERT HEADWALL-30 IN	2.00	EACH		\$	
2140	01212		PIPE CULVERT HEADWALL-36 IN	1.00	EACH		\$	
2150	01223		PIPE CULVERT HEADWALL-27 IN	1.00	EACH		\$	
2160	01432		SLOPED BOX OUTLET TYPE 1-15 IN	11.00	EACH		\$	
2170	01433		SLOPED BOX OUTLET TYPE 1-18 IN	14.00	EACH		\$	
2180	01434		SLOPED BOX OUTLET TYPE 1-24 IN	7.00	EACH		\$	
2190	01450		S & F BOX INLET-OUTLET-18 IN	1.00	EACH		\$	
2200	01452		S & F BOX INLET-OUTLET-30 IN	1.00	EACH		\$	
2210	01456		CURB BOX INLET TYPE A	36.00	EACH		\$	
2220	01480		CURB BOX INLET TYPE B	18.00	EACH		\$	
2230	01487		CURB BOX INLET TYPE F	3.00	EACH		\$	
2240	01490		DROP BOX INLET TYPE 1	5.00	EACH		\$	
2250	01496		DROP BOX INLET TYPE 3	1.00	EACH		\$	
2260	01511		DROP BOX INLET TYPE 5D	2.00	EACH		\$	
2270	01544		DROP BOX INLET TYPE 11	15.00	EACH		\$	
2280	01559		DROP BOX INLET TYPE 13G	3.00	EACH		\$	
2290	01577		DROP BOX INLET TYPE 14	7.00	EACH		\$	
2300	01584		CAP DROP BOX INLET	3.00	EACH		\$	
2310	01615		CONC MED BARR BOX INLET TY 14B2	4.00	EACH		\$	
2320	01616		CONC MED BARR BOX INLET TY 14B1	1.00	EACH		\$	
2330	01634		CAP CURB BOX INLET	7.00	EACH		\$	
2340	01642		JUNCTION BOX-18 IN	3.00	EACH		\$	
2350	01644		JUNCTION BOX-30 IN	1.00	EACH		\$	
2360	01691		FLUME INLET TYPE 2	4.00	EACH		\$	
2370	01756		MANHOLE TYPE A	8.00	EACH		\$	
2380	01767		MANHOLE TYPE C	6.00	EACH		\$	
2390	01791		ADJUST MANHOLE FRAME TO GRADE	2.00	EACH		\$	
2400	02555		CONCRETE-CLASS B	72.00	CUYD		\$	
2410	08100		CONCRETE-CLASS A	15.93	CUYD		\$	
2420	08821		DRAIN PIPE-8 IN	59.00	LF		\$	
2430	20932ND		CONC MEDIAN BARRIER BOX INLET TY 14A1	1.00	EACH		\$	
2440	23610NC		CORED HOLE DRAINAGE BOX CON	73.00	EACH		\$	
2450	23952EC		DRAINAGE JUNCTION BOX TY B	12.00	EACH		\$	
2460	23970NC		RESET GRATE	1.00	EACH		\$	
2470	24026EC		PIPE CULVERT HEADWALL-54 IN	3.00	EACH		\$	

Section: 0004 - BRIDGE - US 25 - GEORGETOWN ROAD - DWG. 27260

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2480	02203		STRUCTURE EXCAV-UNCLASSIFIED	336.00	CUYD		\$	
2490	02231		STRUCTURE GRANULAR BACKFILL	790.00	CUYD		\$	
2500	02998		MASONRY COATING	2,801.00	SQYD		\$	
2510	03299		ARMORED EDGE FOR CONCRETE	220.00	LF		\$	
2520	08001		STRUCTURE EXCAVATION-COMMON	1,001.00	CUYD		\$	
2530	08002		STRUCTURE EXCAV-SOLID ROCK	188.00	CUYD		\$	
2540	08003		FOUNDATION PREPARATION (PIER NO. 1)	1.00	LS		\$	
2550	08003		FOUNDATION PREPARATION (PIER NO. 3)	1.00	LS		\$	

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2560	08020		CRUSHED AGGREGATE SLOPE PROT	683.00	TON		\$	
2570	08033		TEST PILES	24.00	LF		\$	
2580	08046		PILES-STEEL HP12X53	354.00	LF		\$	
2590	08094		PILE POINTS-12 IN	16.00	EACH		\$	
2600	08100		CONCRETE-CLASS A	711.00	CUYD		\$	
2610	08104		CONCRETE-CLASS AA	1,159.00	CUYD		\$	
2620	08130		MECHANICAL REINF COUPLER #5	40.00	EACH		\$	
2630	08131		MECHANICAL REINF COUPLER #6	30.00	EACH		\$	
2640	08134		MECHANICAL REINF COUPLER #9	8.00	EACH		\$	
2650	08135		MECHANICAL REINF COUPLER #10	48.00	EACH		\$	
2660	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	709.00	EACH		\$	
2670	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED	376.00	EACH		\$	
2680	08150		STEEL REINFORCEMENT	120,780.00	LB		\$	
2690	08151		STEEL REINFORCEMENT-EPOXY COATED	276,785.00	LB		\$	
2700	08634		PRECAST PC I BEAM TYPE 4	1,990.00	LF		\$	
2710	20637ED		DRILLED SHAFT-ROCK 48 IN	24.00	LF		\$	
2720	20745ED		ROCK SOUNDINGS	95.00	LF		\$	
2730	20746ED		ROCK CORINGS	334.00	LF		\$	
2740	21532ED		RAIL SYSTEM TYPE III	502.00	LF		\$	
2750	23538EC		PEDESTRIAN RAIL	502.00	LF		\$	
2760	23583EC		DRILLED SHAFT-48 IN-COMMON	95.00	LF		\$	
2770	23584EC		DRILLED SHAFT-42 IN-ROCK	112.00	LF		\$	
2780	23953EC		BEAM ERECTION	12.00	EACH		\$	

Section: 0005 - BRIDGE - KY 922 - NEWTOWN PIKE - DWG. 27261

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2790	02231		STRUCTURE GRANULAR BACKFILL	346.00	CUYD		\$	
2800	02998		MASONRY COATING	2,104.00	SQYD		\$	
2810	03299		ARMORED EDGE FOR CONCRETE	264.00	LF		\$	
2820	08001		STRUCTURE EXCAVATION-COMMON	642.00	CUYD		\$	
2830	08002		STRUCTURE EXCAV-SOLID ROCK	103.00	CUYD		\$	
2840	08020		CRUSHED AGGREGATE SLOPE PROT	776.00	TON		\$	
2850	08033		TEST PILES	45.00	LF		\$	
2860	08050		PILES-STEEL HP14X73	693.00	LF		\$	
2870	08095		PILE POINTS-14 IN	34.00	EACH		\$	
2880	08100		CONCRETE-CLASS A	347.00	CUYD		\$	
2890	08104		CONCRETE-CLASS AA	1,260.00	CUYD		\$	
2900	08130		MECHANICAL REINF COUPLER #5	16.00	EACH		\$	
2910	08134		MECHANICAL REINF COUPLER #9	16.00	EACH		\$	
2920	08135		MECHANICAL REINF COUPLER #10	24.00	EACH		\$	
2930	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	20.00	EACH		\$	
2940	08150		STEEL REINFORCEMENT	63,530.00	LB		\$	
2950	08151		STEEL REINFORCEMENT-EPOXY COATED	433,171.00	LB		\$	
2960	21532ED		RAIL SYSTEM TYPE III	522.00	LF		\$	
2970	23538EC		PEDESTRIAN RAIL	510.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2980	24405EC		MECHANICAL REINF COUPLER-#8 EPOXY COATED	6.00	EACH		\$	
2990	24539EC		PPC I-BEAM HN 60-49	3,354.00	LF		\$	

Section: 0006 - BRIDGE - LEXMARK ACCESS ROAD - DWG. 27262

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3000	02203		STRUCTURE EXCAV-UNCLASSIFIED	1,510.00	CUYD		\$	
3010	02231		STRUCTURE GRANULAR BACKFILL	200.00	CUYD		\$	
3020	02998		MASONRY COATING	1,135.00	SQYD		\$	
3030	03299		ARMORED EDGE FOR CONCRETE	82.00	LF		\$	
3040	08001		STRUCTURE EXCAVATION-COMMON	45.00	CUYD		\$	
3050	08002		STRUCTURE EXCAV-SOLID ROCK	25.00	CUYD		\$	
3060	08100		CONCRETE-CLASS A	310.70	CUYD		\$	
3070	08104		CONCRETE-CLASS AA	279.60	CUYD		\$	
3080	08130		MECHANICAL REINF COUPLER #5	12.00	EACH		\$	
3090	08132		MECHANICAL REINF COUPLER #7	7.00	EACH		\$	
3100	08133		MECHANICAL REINF COUPLER #8	7.00	EACH		\$	
3110	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	12.00	EACH		\$	
3120	08150		STEEL REINFORCEMENT (REVISED: 3-6-18)	11,635.00	LB		\$	
3130	08151		STEEL REINFORCEMENT-EPOXY COATED	101,096.00	LB		\$	
3140	08170		SHEAR CONNECTORS (APPROXIMATELY 1,036)	1.00	LS		\$	
3150	20637ED		DRILLED SHAFT-ROCK 48 IN	200.00	LF		\$	
3160	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	170.00	LF		\$	
3170	20745ED		ROCK SOUNDINGS	218.00	LF		\$	
3180	20746ED		ROCK CORINGS	610.00	LF		\$	
3190	21532ED		RAIL SYSTEM TYPE III	333.00	LF		\$	
3200	22417EN		DRILLED SHAFT-54 IN-COMMON	186.00	LF		\$	
3210	23849EC		BICYCLE RAIL	160.00	LF		\$	
3220	23963EC		PPC I-BEAM TYPE HN 36-49	983.00	LF		\$	
3230	24405EC		MECHANICAL REINF COUPLER-#8 EPOXY COATED	28.00	EACH		\$	

Section: 0007 - BRIDGE - CULVERT #1 - CANE RUN CREEK - DWG. 27263

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3240	08002		STRUCTURE EXCAV-SOLID ROCK	40.00	CUYD		\$	
3250	08003		FOUNDATION PREPARATION	1.00	LS		\$	
3260	08100		CONCRETE-CLASS A	134.10	CUYD		\$	
3270	08150		STEEL REINFORCEMENT	16,340.00	LB		\$	

Section: 0008 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3280	04904		BARRIER MOUNTING BRACKET	2.00	EACH		\$	
3290	06400		GMSS GALV STEEL TYPE A	1,628.00	LB		\$	
3300	06401		FLEXIBLE DELINEATOR POST-M/W	235.00	EACH		\$	
3310	06404		FLEXIBLE DELINEATOR POST-M/Y	165.00	EACH		\$	
3320	06405		SBM ALUMINUM PANEL SIGNS	8,056.00	SQFT		\$	
3330	06406		SBM ALUM SHEET SIGNS .080 IN	534.00	SQFT		\$	
3340	06407		SBM ALUM SHEET SIGNS .125 IN	1,529.00	SQFT		\$	
3350	06410		STEEL POST TYPE 1	4,273.00	LF		\$	
3360	06412		STEEL POST MILE MARKERS	4.00	EACH		\$	
3370	06436		OSS ALUMINUM 75 FT TRUSS	2.00	EACH		\$	
3380	06438		OSS ALUMINUM 80 FT TRUSS	3.00	EACH		\$	
3390	06441		GMSS GALV STEEL TYPE C	17,513.00	LB		\$	
3400	06448		SIGN BRIDGE ATTACHMENT BRACKET (REVISED: 3-6-18)	5.00	EACH		\$	
3410	06490		CLASS A CONCRETE FOR SIGNS	293.00	CUYD		\$	
3420	06491		STEEL REINFORCEMENT FOR SIGNS	21,810.00	LB		\$	
3430	20418ED		REMOVE & RELOCATE SIGNS	3.00	EACH		\$	
3440	20419ND		ROADWAY CROSS SECTION	23.00	EACH		\$	
3450	20912ND		BARRIER WALL POST	2.00	EACH		\$	
3460	21596ND		GMSS TYPE D	28.00	EACH		\$	
3470	24631EC		BARCODE SIGN INVENTORY	257.00	EACH		\$	
3480	24962ED		OSS ALUMINUM 90 FT TRUSS - SPECIAL (800-SF SIGN AREA)	2.00	EACH		\$	

Section: 0009 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3490	04792		CONDUIT-1 IN	265.00	LF		\$	
3500	04795		CONDUIT-2 IN	235.00	LF		\$	
3510	04811		ELECTRICAL JUNCTION BOX TYPE B	27.00	EACH		\$	
3520	04820		TRENCHING AND BACKFILLING	3,450.00	LF		\$	
3530	04821		OPEN CUT ROADWAY	235.00	LF		\$	
3540	04830		LOOP WIRE	14,250.00	LF		\$	
3550	04845		CABLE-NO. 14/7C	12,200.00	LF		\$	
3560	04850		CABLE-NO. 14/1 PAIR	19,250.00	LF		\$	
3570	04885		MESSENGER-10800 LB	2,675.00	LF		\$	
3580	04886		MESSENGER-15400 LB	125.00	LF		\$	
3590	04895		LOOP SAW SLOT AND FILL	5,700.00	LF		\$	
3600	04932		INSTALL STEEL STRAIN POLE	20.00	EACH		\$	
3610	20093NS835		INSTALL PEDESTRIAN HEAD-LED	24.00	EACH		\$	
3620	20094ES835		TEMP RELOCATION OF SIGNAL HEAD	106.00	EACH		\$	
3630	20188NS835		INSTALL LED SIGNAL-3 SECTION	44.00	EACH		\$	
3640	20189NS835		INSTALL LED SIGNAL-5 SECTION	1.00	EACH		\$	
3650	20266ES835		INSTALL LED SIGNAL- 4 SECTION	8.00	EACH		\$	
3660	21543EN		BORE AND JACK CONDUIT	235.00	LF		\$	
3670	21743NN		INSTALL PEDESTRIAN DETECTOR	24.00	EACH		\$	
3680	23068NN		REMOVE & REINSTALL COORDINATING UNIT	2.00	EACH		\$	
3690	23150NN		COMMUNICATION CABLE	100.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3700	23157EN		TRAFFIC SIGNAL POLE BASE	96.00	CUYD		\$	
3710	23222EC		INSTALL SIGNAL PEDESTAL	18.00	EACH		\$	
3720	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	1,500.00	LF		\$	
3730	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	2,150.00	LF		\$	
3740	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	5.00	EACH		\$	
3750	24955ED		REMOVE SIGNAL EQUIPMENT	6.00	EACH		\$	

Section: 0010 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3760	04710		POLE 80 FT MTG HT HIGH MAST	17.00	EACH		\$	
3770	04740		POLE BASE	59.00	EACH		\$	
3780	04761		LIGHTING CONTROL EQUIPMENT	4.00	EACH		\$	
3790	04780		FUSED CONNECTOR KIT	6.00	EACH		\$	
3800	04797		CONDUIT-3 IN	2,333.00	LF		\$	
3810	04800		MARKER	26.00	EACH		\$	
3820	04820		TRENCHING AND BACKFILLING	15,247.00	LF		\$	
3830	04821		OPEN CUT ROADWAY	4,759.00	LF		\$	
3840	04834		WIRE-NO. 6	3,000.00	LF		\$	
3850	04835		WIRE-NO. 4	1,750.00	LF		\$	
3860	04940		REMOVE LIGHTING (GEORGETOWN ROAD)	1.00	LS		\$	
3870	04940		REMOVE LIGHTING (KU GEORGETOWN)	1.00	LS		\$	
3880	04940		REMOVE LIGHTING (LEXMARK BRIDGE TO WALMART ENTR)	1.00	LS		\$	
3890	04940		REMOVE LIGHTING (LEXMARK ROUNDABOUT)	1.00	LS		\$	
3900	04940		REMOVE LIGHTING (NEWTOWN PIKE)	1.00	LS		\$	
3910	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	25.00	EACH		\$	
3920	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	6.00	EACH		\$	
3930	20410ED		MAINTAIN LIGHTING (GEORGETOWN ROAD)	1.00	LS		\$	
3940	20410ED		MAINTAIN LIGHTING (KU GEORGETOWN)	1.00	LS		\$	
3950	20410ED		MAINTAIN LIGHTING (LEXMARK BRIDGE TO WALMART ENTR)	1.00	LS		\$	
3960	20410ED		MAINTAIN LIGHTING (LEXMARK ROUNDABOUT)	1.00	LS		\$	
3970	20410ED		MAINTAIN LIGHTING (NEWTOWN PIKE)	1.00	LS		\$	
3980	21543EN		BORE AND JACK CONDUIT	4,759.00	LF		\$	
3990	23161EN		POLE BASE-HIGH MAST	205.00	CUYD		\$	
4000	24589ED		LED LUMINAIRE	14.00	EACH		\$	
4010	24749EC		HIGH MAST LED LUMINAIRE	80.00	EACH		\$	
4020	24851EC		CABLE-NO. 10/3C DUCTED	22,300.00	LF		\$	
4030	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	3,951.00	LF		\$	

Section: 0011 - TRAFFIC LOOPS - STATION 552

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Section: 0011 - TRAFFIC LOOPS - STATION E50

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4040	04793		CONDUIT-1 1/4 IN (ADDED: 3-6-18)	60.00	LF		\$	
4050	04795		CONDUIT-2 IN (ADDED: 3-6-18)	40.00	LF		\$	
4060	04820		TRENCHING AND BACKFILLING (ADDED: 3-6-18)	90.00	LF		\$	
4070	04829		PIEZOELECTRIC SENSOR (ADDED: 3-6-18)	6.00	EACH		\$	
4080	04830		LOOP WIRE (ADDED: 3-6-18)	2,900.00	LF		\$	
4090	04895		LOOP SAW SLOT AND FILL (ADDED: 3-6-18)	600.00	LF		\$	
4100	20359NN		GALVANIZED STEEL CABINET (ADDED: 3-6-18)	2.00	EACH		\$	
4110	20360ES818		WOOD POST (ADDED: 3-6-18)	4.00	EACH		\$	
4120	20391NS835		ELECTRICAL JUNCTION BOX TYPE A (ADDED: 3-6-18)	2.00	EACH		\$	

Section: 0012 - TRAFFIC LOOPS - STATION D64

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4130	04793		CONDUIT-1 1/4 IN	60.00	LF		\$	
4140	04795		CONDUIT-2 IN	30.00	LF		\$	
4150	04820		TRENCHING AND BACKFILLING	80.00	LF		\$	
4160	04829		PIEZOELECTRIC SENSOR	9.00	EACH		\$	
4170	04830		LOOP WIRE	4,250.00	LF		\$	
4180	04895		LOOP SAW SLOT AND FILL	850.00	LF		\$	
4190	20359NN		GALVANIZED STEEL CABINET	2.00	EACH		\$	
4200	20360ES818		WOOD POST	4.00	EACH		\$	
4210	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	2.00	EACH		\$	

Section: 0013 - TRAFFIC LOOPS - STATION D66

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4220	04793		CONDUIT-1 1/4 IN	60.00	LF		\$	
4230	04795		CONDUIT-2 IN	30.00	LF		\$	
4240	04820		TRENCHING AND BACKFILLING	80.00	LF		\$	
4250	04829		PIEZOELECTRIC SENSOR	6.00	EACH		\$	
4260	04830		LOOP WIRE	2,775.00	LF		\$	
4270	04895		LOOP SAW SLOT AND FILL	600.00	LF		\$	
4280	20359NN		GALVANIZED STEEL CABINET	2.00	EACH		\$	
4290	20360ES818		WOOD POST	4.00	EACH		\$	
4300	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	2.00	EACH		\$	

Section: 0014 - INTELLIGENT TRANSPORTATION SYSTEMS

PROPOSAL BID ITEMS

REVISED ADDENDUM #1: 3-6-18

181201

Page 12 of 12

Report Date 3/6/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4310	04810		ELECTRICAL JUNCTION BOX (COMMUNICATIONS JB)	40.00	EACH		\$	
4320	04820		TRENCHING AND BACKFILLING	10,700.00	LF		\$	
4330	04835		WIRE-NO. 4	2,100.00	LF		\$	
4340	04932		INSTALL STEEL STRAIN POLE	1.00	EACH		\$	
4350	21066ND		MODEL 336 ENCLOSURE (DDM)	1.00	EACH		\$	
4360	21077ED		FIBER OPTIC CABLE	12,200.00	LF		\$	
4370	21543EN		BORE AND JACK CONDUIT	1,800.00	LF		\$	
4380	22403NN		WEB CAMERA ASSEMBLY	1.00	EACH		\$	
4390	23150NN		COMMUNICATION CABLE	100.00	LF		\$	
4400	23157EN		TRAFFIC SIGNAL POLE BASE	4.00	CUYD		\$	
4410	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	11,450.00	LF		\$	

Section: 0015 - TRAINEES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4420	02742		TRAINEE PAYMENT REIMBURSEMENT 1 CEMENT MASON	1,200.00	HOUR		\$	

Section: 0016 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4430	02568		MOBILIZATION	1.00	LS		\$	
4440	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

ITEM CODE		UNIT	KY 4	GEORGETOWN ROAD	GEORGETOWN RAMPS	NEWTOWN PIKE	NEWTOWN RAMPS	LEXMARK	FRONTAGE ROAD	APPROACHES	PROJECT TOTALS
71	CRUSHED AGGREGATE SIZE NO. 57 ④⑦⑨	TON	3,900								3,900
78	CRUSHED AGGREGATE SIZE NO. 2 ⑦⑨⑳	TON	225								225
80	CRUSHED AGGREGATE SIZE NO. 23 ④⑦⑨	TON	15,333								15,333
1310	REMOVE PIPE ⑭	LIN FT		22					135		157
1314	PLUG PIPE	EACH	3								3
1584	CAP DROP BOX INLET	EACH	2								2
1585	REMOVE DROP BOX INLET ⑭	EACH							1		1
1810	STANDARD CURB AND GUTTER	LIN FT	1,726	2,348	581	2,924	197	2,014	2,526	124	12,440
1820	LIP CURB AND GUTTER	LIN FT		80	1,100			186			1,366
1825	ISLAND CURB AND GUTTER	LIN FT	4,452								4,452
1830	STANDARD INTEGRAL CURB	LIN FT		1,679							1,679
1875	STANDARD HEADER CURB ⑬	LIN FT	36	76							112
1880	BARRIER HEADER CURB	LIN FT		85							85
1891	ISLAND HEADER CURB TYPE 2	LIN FT	29	113				66			208
1917	STANDARD BARRIER MEDIAN TYPE 2	SQ YD				1,800					1,800
1946	MOUNTABLE MEDIAN TYPE 2A	SQ YD						333			333
1982	DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL WHITE	EACH	23	2	25	4	34			4	92
1983	DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL YELLOW	EACH					2				2
1984	DELINEATOR FOR BARRIER - WHITE	EACH	1								1
1985	DELINEATOR FOR BARRIER - YELLOW	EACH	44								44
1987	DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE	EACH				4	3	4			11
1990	DELINEATOR FOR BARRIER WALL - BI-DIRECTIONAL WHITE	EACH				6		4			10
2001	CURB TO BARRIER WALL TRANSITION	EACH		6		4					10
2003	RELOCATE TEMPORARY CONCRETE BARRIER WALL ⑫⑨	LIN FT	24,205								24,205
2014	BARRICADE - TYPE III ⑫⑨	EACH	12								12
2015	CEMENT CONCRETE ISLAND	SQ YD	230	58		126					414
2091	REMOVE PAVEMENT ⑬	SQ YD	586	1,331	340				503		2,760
2157	PAVED DITCH TYPE 1	SQ YD				9					9
2159	TEMPORARY DITCH ①	LIN FT	11,100	1,800	4,200	2,000	5,700	1,200	2,000	1,500	29,500
2200	ROADWAY EXCAVATION	CU YD	117,847	3,474	17,520	4,706	24,644 ⑳	2,410	10,746	3,834	185,181
2242	WATER ③	MGAL	4.5	0.7	1.7	0.8	2.3	0.5	0.8	0.6	11.9
2262	FENCE - WOVEN WIRE TYPE 1	LIN FT	943		945	355	391				2,634
2265	REMOVE FENCE	LIN FT	395			597	390				1,382
2268	REMOVE AND REPLACE FENCE ⑬	LIN FT	235			211	544				990
2351	GUARDRAIL STEEL "W" BEAM SINGLE FACE	LIN FT	3,128	52	1,365	352	1,361	355			6,613
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH		2	1	2		2			7
2367	GUARDRAIL END TREATMENT TY 1	EACH	7	2		1	3	1			14
2369	GUARDRAIL END TREATMENT TY 2A	EACH	5		1	1	2	2			11
2381	REMOVE GUARDRAIL	LIN FT	1,625	348		1,349	4,773	233	503		8,831
2387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	EACH	1								1
2403	REMOVE CONCRETE MASONRY ⑮	CU YD						125			125
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	28	14	5	9	2		16		74
2430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	1	1					1		3
2432	WITNESS POST	EACH	3								3
2483	CHANNEL LINING CLASS II	TON	221		44	15	157				437
2484	CHANNEL LINING CLASS III	TON	180			162	60			2	404
2545	CLEARING AND GRUBBING ②	LS	1								1
2555	CONCRETE CLASS B ⑧	CU YD	1		378	83					462
2562	TEMPORARY SIGNS ⑫⑨	SQ FT	1,500								1,500
2568	MOBILIZATION	LS	1								1
2569	DEMOBILIZATION	LS	1								1
2585	EDGE KEY ⑬	LIN FT	905	31	56	470		381		92	1,935
2587	HOOK BOLT WITH EXPAN ANCHOR	EACH		255							255
2599	FABRIC - GEOTEXTILE TYPE IV ⑦④⑳	SQ YD	71,707	11,795	13,304	17,208	3,730	10,349	4,705		132,798

NOTES:

- ① TO BE USED AS DIRECTED BY THE ENGINEER
- ② APPROXIMATELY 31.4 ACRES
- ③ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ④ INCLUDES QUANTITIES FOR THE WORKING PLATFORM AND WET & SOFT AREAS. SEE GEOTECHNICAL NOTES FOR DETAILS.
- ⑤ QUANTITY FOR CONCRETE MEDIAN BARRIER END (MAINLINE) AND RAISED MEDIAN (GEORGETOWN ROAD)
- ⑥ ESTIMATED AT 10% SEEDING & PROTECTION
- ⑦ QUANTITY FOR ESTIMATING PURPOSES ONLY
- ⑧ SEE SHEET R2M FOR DETAILS
- ⑨ QUANTITY FOR THE OVERALL PROJECT
- ⑩ SAWCUT IS CONSIDERED INCIDENTAL
- ⑪ NOT ASSOCIATED LONGITUDINAL EDGE KEY
- ⑫ QUANTITY FOR MAINTENANCE OF TRAFFIC
- ⑬ INCLUDES QUANTITY FOR UTILITY LINE INSTALLATION IN KY 4
- ⑭ ITEMS TO BE REMOVED OUTSIDE OF CONSTRUCTION LIMITS (EXCLUDES QUANTITIES ITEMIZED AND NOTED ON PIPE SHEETS AND SUMMARY)
- ⑮ QUANTITY FOR REMOVAL OF STAIRS
- ⑯ QUANTITY FOR MEDIAN BARRIER WIDENING UNDER BRIDGE
- ⑰ REMOVE STRUCTURES: STA 135+05 2-SPAN BRIDGE, RT STA 146+12 BILLBOARD, STA 166+10 4-SPAN BRIDGE, STA 166+75 4-SPAN BRIDGE, LT STA 197+52 BILLBOARD, STA 179+10 2-SPAN BRIDGE
- ⑱ QUANTITY FOR MOD. GRAVITY RETAINING WALLS AND WWF TY 1 FOOTINGS
- ⑲ QUANTITY INCLUDES EXISTING PIPES WHERE CONNECTIONS OR EXTENSIONS ARE PROPOSED.
- ⑳ QUANTITY INCLUDES MATERIAL FOR FOUR CONSTRUCTION ENTRANCES AND 65 TONS FROM PERFORATED PIPE SUMMARY.
- ㉑ QUANTITY INCLUDES 11,600 CU. YDS. FROM INTERCHANGE GRADING FOR REMOVAL OF EXISTING LOOP AND DRAINAGE MODIFICATIONS.

EARTHWORK QUANTITIES	
EXCAVATION INCLUDES:	
139,251 CU YDS	COMMON
33,342 CU YDS	SOLID ROCK
0 CU YDS	DITCH EXC
12,588 CU YDS	EMB BENCHING
<hr/>	
185,181 CU YDS	TOTAL EXCAVATION
EMBANKMENT INCLUDES:	
76,775 CU YDS	EMBANKMENT
0 CU YDS	ROCK ROADBED
<hr/>	
76,775 CU YDS	TOTAL EMBANKMENT*

NOTE:
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*EARTHWORK QUANTITIES DO NOT INCLUDE EMBANKMENT EARTHWORKS SHOWN ON INTERCHANGE GRADING PLAN (SHEET R104). ADDITIONAL EMBANKMENT OF 33,900 CUBIC YARDS IS SHOWN.

GENERAL SUMMARY

1
 REVISED EMBANKMENT QUANTITY
 ADDED NOTE 21
 REVISED EARTHWORK QUANTITIES
 REVISED EARTHWORKS SPECIAL NOTE

ITEM CODE		UNIT	KY 4	GEORGETOWN ROAD	GEORGETOWN RAMPS	NEWTOWN PIKE	NEWTOWN RAMPS	LEXMARK	FRONTAGE ROAD	APPROACHES	PROJECT TOTALS
71	CRUSHED AGGREGATE SIZE NO. 57	④⑦⑨	TON	3,900							3,900
78	CRUSHED AGGREGATE SIZE NO. 2	⑦⑨⑩	TON	225							225
80	CRUSHED AGGREGATE SIZE NO. 23	④⑦⑨	TON	15,333							15,333
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1314	PLUG PIPE		EACH	3							3
1584	CAP DROP BOX INLET		EACH	2							2
1585	REMOVE DROP BOX INLET	⑭	EACH						1		1
1810	STANDARD CURB AND GUTTER		LIN FT	1,726	2,348	581	2,924	197	2,014	2,526	12,440
1820	LIP CURB AND GUTTER		LIN FT		80	1,100			186		1,366
1825	ISLAND CURB AND GUTTER		LIN FT	4,452							4,452
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1875	STANDARD HEADER CURB	⑬	LIN FT	36	76						112
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1891	ISLAND HEADER CURB TYPE 2		LIN FT	29	113				66		208
1917	STANDARD BARRIER MEDIAN TYPE 2		SQ YD			1,800					1,800
1946	MOUNTABLE MEDIAN TYPE 2A		SQ YD					333			333
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1983	DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL YELLOW		EACH				2				2
1984	DELINEATOR FOR BARRIER - WHITE		EACH	1							1
1985	DELINEATOR FOR BARRIER - YELLOW		EACH	44							44
1987	DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE		EACH			4	3	4			11
1990	DELINEATOR FOR BARRIER WALL - BI-DIRECTIONAL WHITE		EACH			6		4			10
2001	CURB TO BARRIER WALL TRANSITION		EACH		6	4					10
2003	RELOCATE TEMPORARY CONCRETE BARRIER WALL	⑫⑨	LIN FT	24,205							24,205
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EARTHWORK QUANTITIES

EXCAVATION INCLUDES:

139,251 CU YDS	COMMON
33,342 CU YDS	SOLID ROCK
0 CU YDS	DITCH EXC
12,588 CU YDS	EMB BENCHING

185,181 CU YDS TOTAL EXCAVATION

EMBANKMENT INCLUDES:

76,775 CU YDS	EMBANKMENT
0 CU YDS	ROCK ROADBED

76,775 CU YDS TOTAL EMBANKMENT*

NOTE:

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GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-366.00	R20

REVISED 12/6/17

ITEM CODE	ITEM	UNIT	KY 4	GEORGETOWN ROAD	GEORGETOWN RAMP	NEWTOWN PIKE	NEWTOWN RAMP	LEXMARK	FRONTAGE ROAD	APPROACHES	TRAFFIC LOOPS STATION E58	TRAFFIC LOOPS STATION D64	TRAFFIC LOOPS STATION D66	TOTAL PROJECT
2600	FABRIC - GEOTEXTILE TYPE IV FOR PIPE	SQ YD	41,592											41,592
2625	REMOVE HEADWALL ⑭	EACH		1										1
2650	MAINTAIN AND CONTROL TRAFFIC	LS	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX EB KY4 TO EX NB NT ⑫⑨	EACH	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX WB KY4 TO PR SB NT ⑫⑨	EACH	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX SB NT TO PR WB KY4 ⑫⑨	EACH	1											1
2671	PORTABLE CHANGEABLE MESSAGE SIGN - 3 LINE ⑫⑨	EACH	8											8
2676	MOBILIZATION FOR MILL & TEXT	LS	1											1
2690	SAFELoADING ⑬	CU YD	197	17		9								223
2696	SHOULDER RUMBLE STRIPS - SAWED	LF	37,800		8,220		10,500							56,520
2701	TEMPORARY SILT FENCE	LIN FT	16,000	2,200	5,300	2,000	5,700	1,200	2,000	1,500				35,900
2703	SILT TRAP TYPE A ①⑨	EACH	122											122
2704	SILT TRAP TYPE B ①⑨	EACH	122											122
2705	SILT TRAP TYPE C ①⑨	EACH	186											186
2706	CLEAN SILT TRAP TYPE A ⑨	EACH	732											732
2707	CLEAN SILT TRAP TYPE B ⑨	EACH	732											732
2708	CLEAN SILT TRAP TYPE C ⑨	EACH	558											558
2720	SIDEWALK - 4 INCH CONCRETE	SQ YD	353	1,644		1,680	123	543		45				4,388
2726	STAKING	LS	1											1
2731	REMOVE STRUCTURE STA. 135+05 ⑰	LS	1											1
2775	ARROW PANEL ⑫⑨	EACH	6											6
8903	CRASH CUSHION TY VI CLASS BY TL3 ⑫⑨	EACH	8											8
2898	RELOCATE CRASH CUSHION ⑫⑨	EACH	31											31
3171	CONCRETE BARRIER WALL TYPE 9T ⑫⑨	LIN FT	9,540											9,540
3225	TABULAR MARKINGS	EACH						62						62
4934	TEMPORARY SIGNAL MULTI-PHASE ⑫⑨	EACH	1											1
5950	EROSION CONTROL BLANKET	SQ YD	8,257		3,072	376	3,439	67						15,211
5952	TEMPORARY MULCH ①⑨	SQ YD	290,000											290,000
5953	TEMPORARY SEEDING AND PROTECTION ⑥⑨	SQ YD	28,378											28,378
5963	INITIAL FERTILIZER ⑨	TON	8.9											8.9
5964	20-10-10 FERTILIZER ⑨	TON	16.7											16.7
5985	SEEDING AND PROTECTION ⑨⑬	SQ YD	283,780											283,780
5989	SPECIAL SEEDING CROWN VETCH	SQ YD	9,200	1,400	4,800	1,000	3,100		1,000	350				20,850
5990	SODDING	SQ YD	3,388		669	1,164	236	2,418		32				7,907
5992	AGRICULTURAL LIMESTONE ⑨	TON	177											177
6510	PAVE STRIPING - TEMP PAINT - 4 IN ⑫⑨	LIN FT	295,000											295,000
6514	PAVE STRIPING - PERM PAINT - 4 IN ⑨	LIN FT	33,862											33,862
6515	PAVE STRIPING- PERM PAINT- 6 IN ⑨	LIN FT	75,791											76,291
6516	PAVE STRIPING- PERM PAINT- 8 IN ⑨	LIN FT	1,994											1,994
6542	PAVE STRIPING - THERMO- 6 IN W ⑨	LIN FT	1,121											1,121
6545	PAVE STRIPING - THERMO- 8 IN W ⑨	LIN FT	534											534
6546	PAVE STRIPING - THERMO- 12 IN W ⑨	LIN FT	5,908											5,908
6550	PAVE STRIPING - TEMP REM TAPE - W ⑫⑨	LIN FT	1,000											1,000
6551	PAVE STRIPING - TEMP REM TAPE - Y ⑫⑨	LIN FT	1,000											1,000
6566	PAVE MARKING - THERMO X-WALK - 12 IN ⑨	LIN FT	1,974											1,974
6568	PAVE STRIPING - THERMO STOP BAR- 24 IN ⑨	LIN FT	723											723
6569	PAVE MARKING - THERMO CROSS-HATCH ⑨	SOFT	2,711											2,711
6574	PAVE MARKING - THERMO CURV ARROW ⑨	EACH	84											84
6575	PAVE MARKING - THERMO COMB ARROW ⑨	EACH	3											3
6576	PAVE MARKING - THERMO ONLY ⑨	EACH	10											10
6578	PAVE MARKING - THERMO MERGE ARROW ⑨	EACH	12											12
2731	REMOVE STRUCTURE STA. 146+12 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 166+10 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 166+75 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 197+52 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 179+10 ⑰	LS	1											1
4793	CONDUIT - 1 1/4 IN ⑫	LIN FT									60	60	60	180
4795	CONDUIT - 2 IN ⑫	LIN FT									40	30	30	100
4820	TRENCHING AND BACKFILLING ⑫	LIN FT									90	80	80	250
4829	PIEZOELECTRIC SENSOR ⑫	EACH									6	9	6	21
4830	LOOP WIRE ⑫	LIN FT									2900	4250	2775	9925
4895	LOOP SAW SLOT AND FILL ⑫	LIN FT									600	850	600	2050
20359NN	GALVANIZED STEEL CABINET ⑫	EACH									2	2	2	6
20360ES818	WOOD POST ⑫	EACH									4	4	4	12
2039INS835	ELECTRICAL JUNCTION BOX TYPE A ⑫	EACH									2	2	2	6

NOTES:

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- ② APPROXIMATELY 31.4 ACRES
- ③ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ④ INCLUDES QUANTITIES FOR THE WORKING PLATFORM AND WET & SOFT AREAS. SEE GEOTECHNICAL NOTES FOR DETAILS.
- ⑤ QUANTITY FOR CONCRETE MEDIAN BARRIER END (MAINLINE) AND RAISED MEDIAN (GEORGETOWN ROAD)
- ⑥ ESTIMATED AT 10% SEEDING & PROTECTION
- ⑦ QUANTITY FOR ESTIMATING PURPOSES ONLY
- ⑧ SEE SHEET R2M FOR DETAILS
- ⑨ QUANTITY FOR THE OVERALL PROJECT
- ⑩ SAWCUT IS CONSIDERED INCIDENTAL
- ⑪ NOT ASSOCIATED LONGITUDINAL EDGE KEY
- ⑫ QUANTITY FOR MAINTENANCE OF TRAFFIC
- ⑬ INCLUDES QUANTITY FOR UTILITY LINE INSTALLATION IN KY 4
- ⑭ ITEMS TO BE REMOVED OUTSIDE OF CONSTRUCTION LIMITS (EXCLUDES QUANTITIES ITEMIZED AND NOTED ON PIPE SHEETS AND SUMMARY)
- ⑮ QUANTITY FOR REMOVAL OF STAIRS
- ⑯ QUANTITY FOR MEDIAN BARRIER WIDENING UNDER BRIDGE
- ⑰ REMOVE STRUCTURES: STA 135+05 2-SPAN BRIDGE, RT STA 146+12 BILLBOARD, STA 166+10 4-SPAN BRIDGE, STA 166+75 4-SPAN BRIDGE, LT STA 197+52 BILLBOARD, STA 179+10 2-SPAN BRIDGE
- ⑱ QUANTITY FOR MOD. GRAVITY RETAINING WALLS AND WWF TY 1 FOOTINGS
- ⑲ QUANTITY INCLUDES EXISTING PIPES WHERE CONNECTIONS OR EXTENSIONS ARE PROPOSED.
- ⑳ QUANTITY INCLUDES MATERIAL FOR FOUR CONSTRUCTION ENTRANCES. SEE SHEET R2N FOR EARTHWORK ITEMS.
- ㉑ SEE SPECIAL NOTE FOR UTILITY COORDINATION.
- ㉒ SEE SPECIAL NOTE FOR ITEM DETAILS OF TRAFFIC COUNTING STATIONS. INCLUDES ALL WORK FOR REPLACING STATIONS E58, D64, AND D66.

FILE NAME: U:\366\FINAL PLAN SUBMITTAL\ADDENDUM\RO0200SL.DGN

USER: Joshua.samples
DATE PLOTTED: February 26, 2018

E-SHEET NAME:

MicroStation v8.11.9.832

GENERAL SUMMARY

ITEM CODE	ITEM	UNIT	KY 4	GEORGETOWN ROAD	GEORGETOWN RAMP	NEWTOWN PIKE	NEWTOWN RAMP	LEXMARK	FRONTAGE ROAD	APPROACHES	TRAFFIC LOOPS STATION E58	TRAFFIC LOOPS STATION D64	TRAFFIC LOOPS STATION D66	TOTAL PROJECT
2600	FABRIC - GEOTEXTILE TYPE IV FOR PIPE	SQ YD	41,592											41,592
2625	REMOVE HEADWALL ⑭	EACH		1										1
2650	MAINTAIN AND CONTROL TRAFFIC	LS	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX EB KY4 TO EX NB NT ⑫⑨	EACH	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX WB KY4 TO PR SB NT ⑫⑨	EACH	1											1
2651	DIVERSIONS (BY-PASS DETOURS) - EX SB NT TO PR WB KY4 ⑫⑨	EACH	1											1
2671	PORTABLE CHANGEABLE MESSAGE SIGN - 3 LINE ⑫⑨	EACH	8											8
2676	MOBILIZATION FOR MILL & TEXT	LS	1											1
2690	SAFELoADING ⑬	CU YD	197	17		9								223
2696	SHOULDER RUMBLE STRIPS - SAWED	LF	37,800		8,220		10,500							56,520
2701	TEMPORARY SILT FENCE	LIN FT	16,000	2,200	5,300	2,000	5,700	1,200	2,000	1,500				35,900
2703	SILT TRAP TYPE A ①⑨	EACH	122											122
2704	SILT TRAP TYPE B ①⑨	EACH	122											122
2705	SILT TRAP TYPE C ①⑨	EACH	186											186
2706	CLEAN SILT TRAP TYPE A ⑨	EACH	732											732
2707	CLEAN SILT TRAP TYPE B ⑨	EACH	732											732
2708	CLEAN SILT TRAP TYPE C ⑨	EACH	558											558
2720	SIDEWALK - 4 INCH CONCRETE	SQ YD	353	1,644		1,680	123	543		45				4,388
2726	STAKING	LS	1											1
2731	REMOVE STRUCTURE STA. 135+05 ⑰	LS	1											1
2775	ARROW PANEL ⑫⑨	EACH	6											6
8903	CRASH CUSHION TY VI CLASS BY TL3 ⑫⑨	EACH	8											8
2898	RELOCATE CRASH CUSHION ⑫⑨	EACH	31											31
3171	CONCRETE BARRIER WALL TYPE 9T ⑫⑨	LIN FT	9,540											9,540
3225	TABULAR MARKINGS	EACH						62						62
4934	TEMPORARY SIGNAL MULTI-PHASE ⑫⑨	EACH	1											1
5950	EROSION CONTROL BLANKET	SQ YD	8,257		3,072	376	3,439	67						15,211
5952	TEMPORARY MULCH ①⑨	SQ YD	290,000											290,000
5953	TEMPORARY SEEDING AND PROTECTION ⑥⑨	SQ YD	28,378											28,378
5963	INITIAL FERTILIZER ⑨	TON	8.9											8.9
5964	20-10-10 FERTILIZER ⑨	TON	16.7											16.7
5985	SEEDING AND PROTECTION ⑨⑬	SQ YD	283,780											283,780
5989	SPECIAL SEEDING CROWN VETCH	SQ YD	9,200	1,400	4,800	1,000	3,100		1,000	350				20,850
5990	SODDING	SQ YD	3,388		669	1,164	236	2,418		32				7,907
5992	AGRICULTURAL LIMESTONE ⑨	TON	177											177
6510	PAVE STRIPING - TEMP PAINT - 4 IN ⑫⑨	LIN FT	295,000											295,000
6514	PAVE STRIPING - PERM PAINT - 4 IN ⑨	LIN FT	33,862											33,862
6515	PAVE STRIPING- PERM PAINT- 6 IN ⑨	LIN FT	75,791											76,291
6516	PAVE STRIPING- PERM PAINT- 8 IN ⑨	LIN FT	1,994											1,994
6542	PAVE STRIPING - THERMO- 6 IN W ⑨	LIN FT	1,121											1,121
6545	PAVE STRIPING - THERMO- 8 IN W ⑨	LIN FT	534											534
6546	PAVE STRIPING - THERMO- 12 IN W ⑨	LIN FT	5,908											5,908
6550	PAVE STRIPING - TEMP REM TAPE - W ⑫⑨	LIN FT	1,000											1,000
6551	PAVE STRIPING - TEMP REM TAPE - Y ⑫⑨	LIN FT	1,000											1,000
6566	PAVE MARKING - THERMO X-WALK - 12 IN ⑨	LIN FT	1,974											1,974
6568	PAVE STRIPING - THERMO STOP BAR- 24 IN ⑨	LIN FT	723											723
6569	PAVE MARKING - THERMO CROSS-HATCH ⑨	SQFT	2,711											2,711
6574	PAVE MARKING - THERMO CURV ARROW ⑨	EACH	84											84
6575	PAVE MARKING - THERMO COMB ARROW ⑨	EACH	3											3
6576	PAVE MARKING - THERMO ONLY ⑨	EACH	10											10
6578	PAVE MARKING - THERMO MERGE ARROW ⑨	EACH	12											12
2731	REMOVE STRUCTURE STA. 146+12 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 166+10 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 166+75 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 197+52 ⑰	LS	1											1
2731	REMOVE STRUCTURE STA. 179+10 ⑰	LS	1											1
4793	CONDUIT - 1 1/4 IN ⑫②	LIN FT									60	60	60	180
4795	CONDUIT - 2 IN ⑫②	LIN FT									40	30	30	100
4820	TRENCHING AND BACKFILLING ⑫②	LIN FT									90	80	80	250
4829	PIEZOELECTRIC SENSOR ⑫②	EACH									6	9	6	21
4830	LOOP WIRE ⑫②	LIN FT									2900	250	2775	9925
4895	LOOP SAW SLOT AND FILL ⑫②	LIN FT									600	850	600	2050
20359NN	GALVANIZED STEEL CABINET ⑫②	EACH									2	2	2	6
20360ES818	WOOD POST ⑫②	EACH									4	4	4	12
2039INS835	ELECTRICAL JUNCTION BOX TYPE A ⑫②	EACH									2	2	2	6

NOTES:

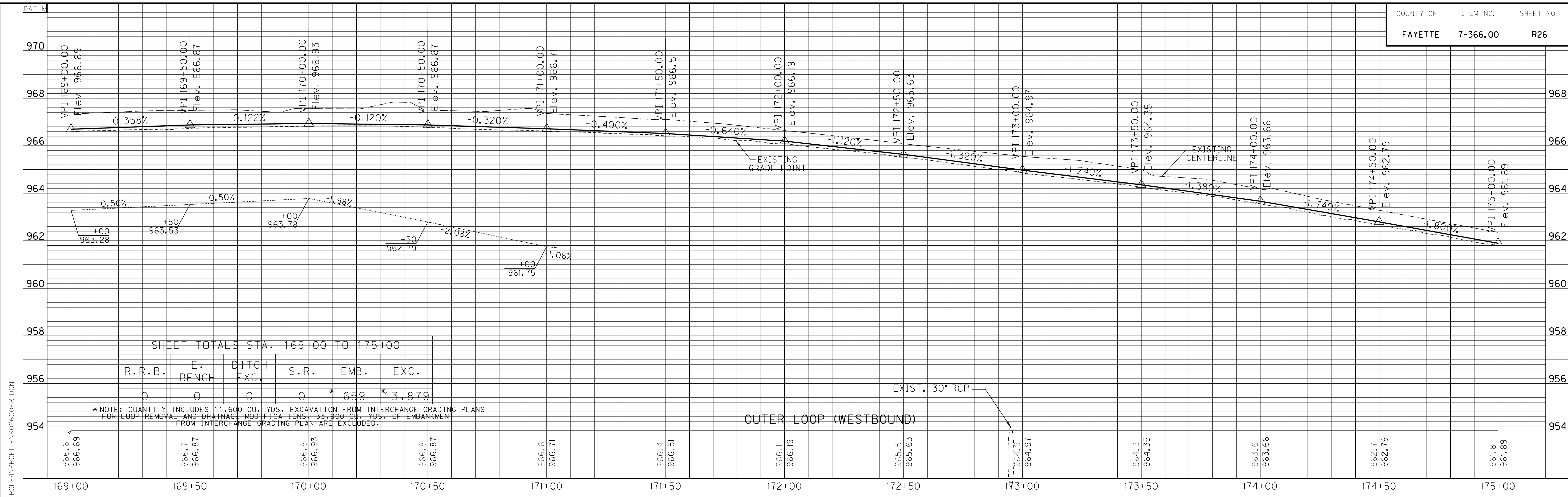
- ① TO BE USED AS DIRECTED BY THE ENGINEER
- ② APPROXIMATELY 31.4 ACRES
- ③ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ④ INCLUDES QUANTITIES FOR THE WORKING PLATFORM AND WET & SOFT AREAS. SEE GEOTECHNICAL NOTES FOR DETAILS.
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FILE NAME: U:\366\FINAL PLAN SUBMITTAL\ADDENDUM\RO0200SL.DGN

USER: joshua.samples
DATE PLOTTED: February 26, 2018

E-SHEET NAME:

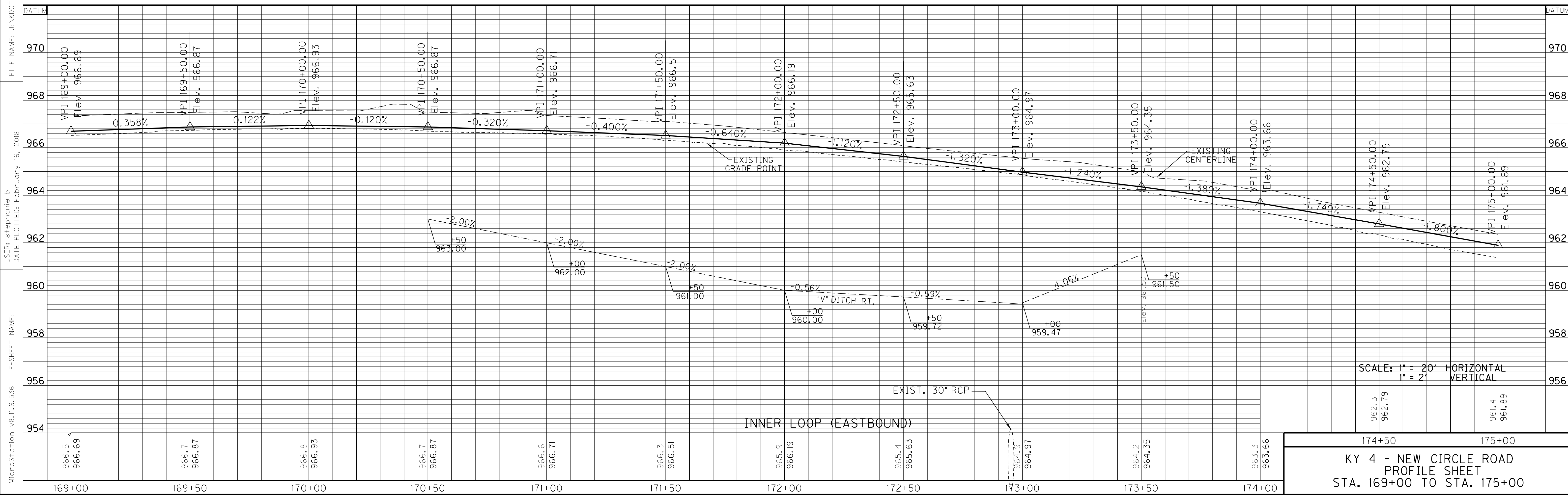
MicroStation v8.11.9.832



SHEET TOTALS STA. 169+00 TO 175+00

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	* 659	* 13,879

* NOTE: QUANTITY INCLUDES 111,600 CU. YDS. EXCAVATION FROM INTERCHANGE GRADING PLANS FOR LOOP REMOVAL AND DRAINAGE MODIFICATIONS. 33,900 CU. YDS. OF EMBANKMENT FROM INTERCHANGE GRADING PLAN ARE EXCLUDED.



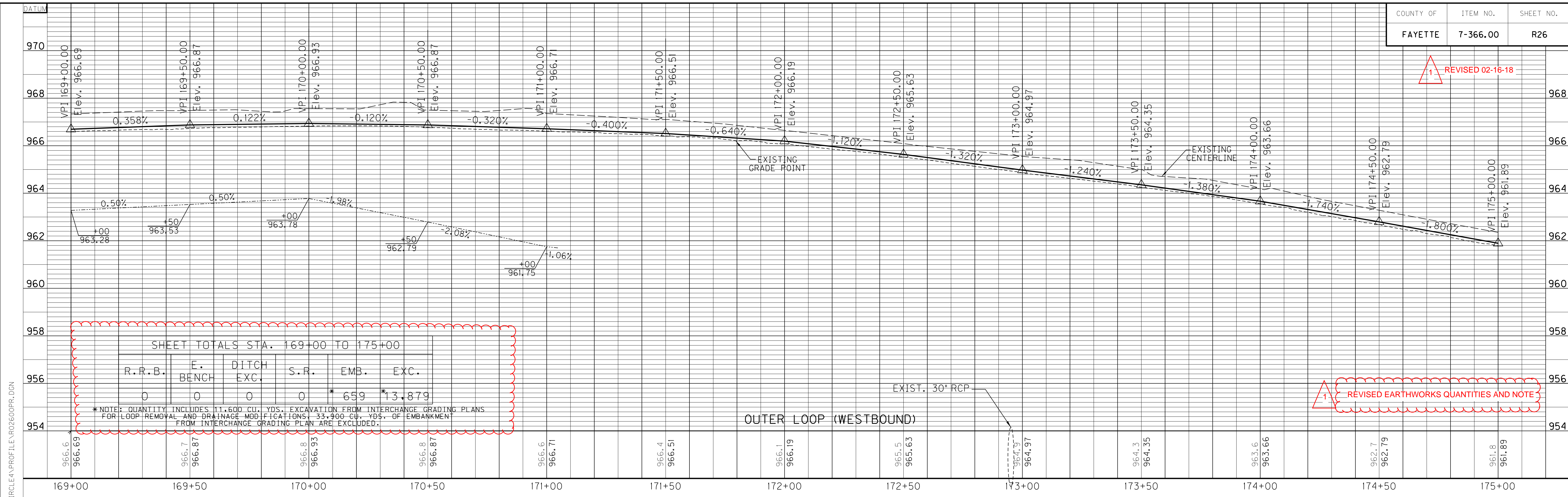
SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

174+50 175+00
KY 4 - NEW CIRCLE ROAD
PROFILE SHEET
STA. 169+00 TO STA. 175+00

MicroStation v8.11.9.536 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 16, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILES\RO2600PR.DGN

1 REVISD 02-16-18

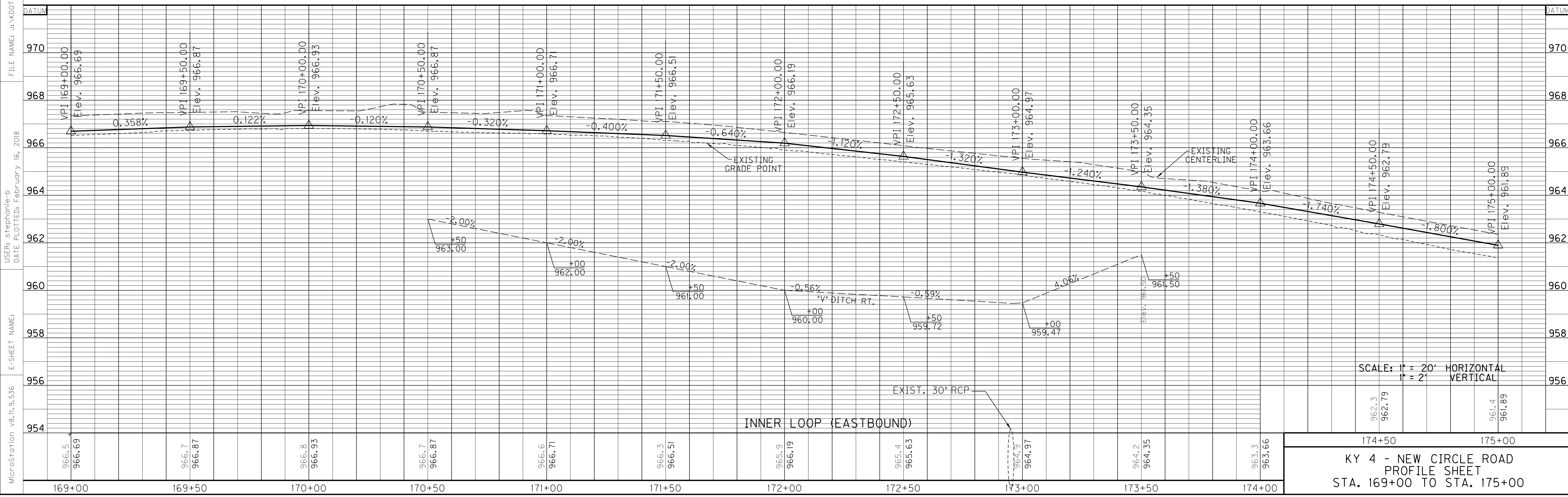
1 REVISD EARTHWORKS QUANTITIES AND NOTE



SHEET TOTALS STA. 169+00 TO 175+00

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	* 659	* 13,879

* NOTE: QUANTITY INCLUDES 111,600 CU. YDS. EXCAVATION FROM INTERCHANGE GRADING PLANS FOR LOOP REMOVAL AND DRAINAGE MODIFICATIONS. 33,900 CU. YDS. OF EMBANKMENT FROM INTERCHANGE GRADING PLAN ARE EXCLUDED.



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

174+50 175+00

962.3 962.79 961.4 961.89

KY 4 - NEW CIRCLE ROAD
PROFILE SHEET
STA. 169+00 TO STA. 175+00

MicroStation v8.11.9.536 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 16, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILES\02600PR.DGN

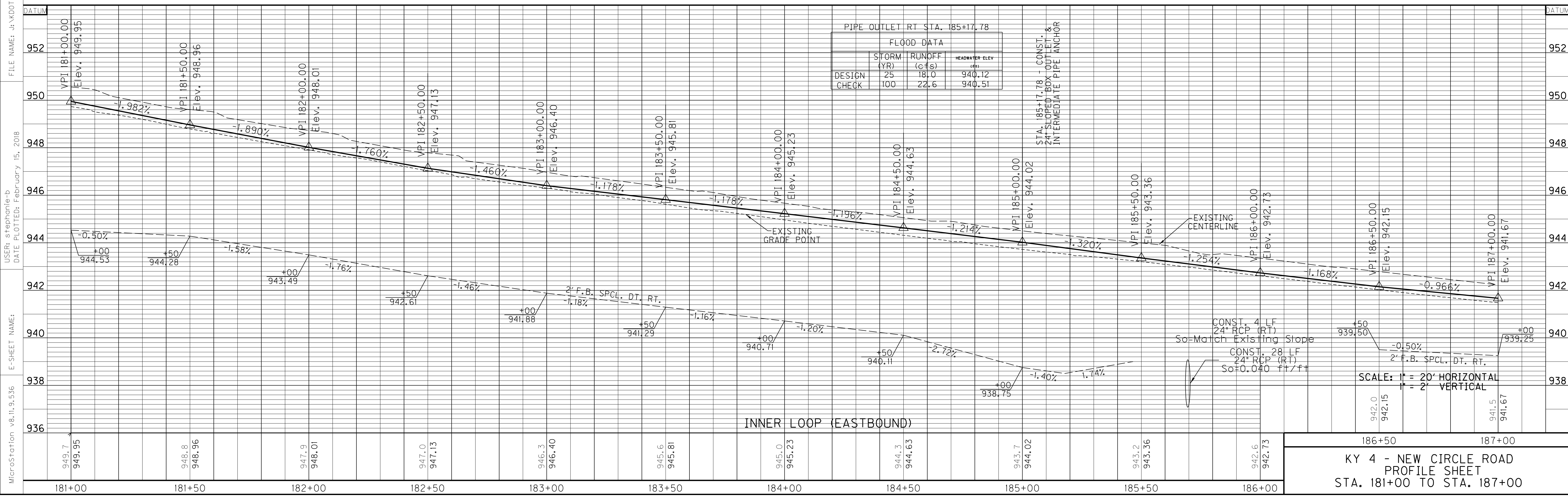
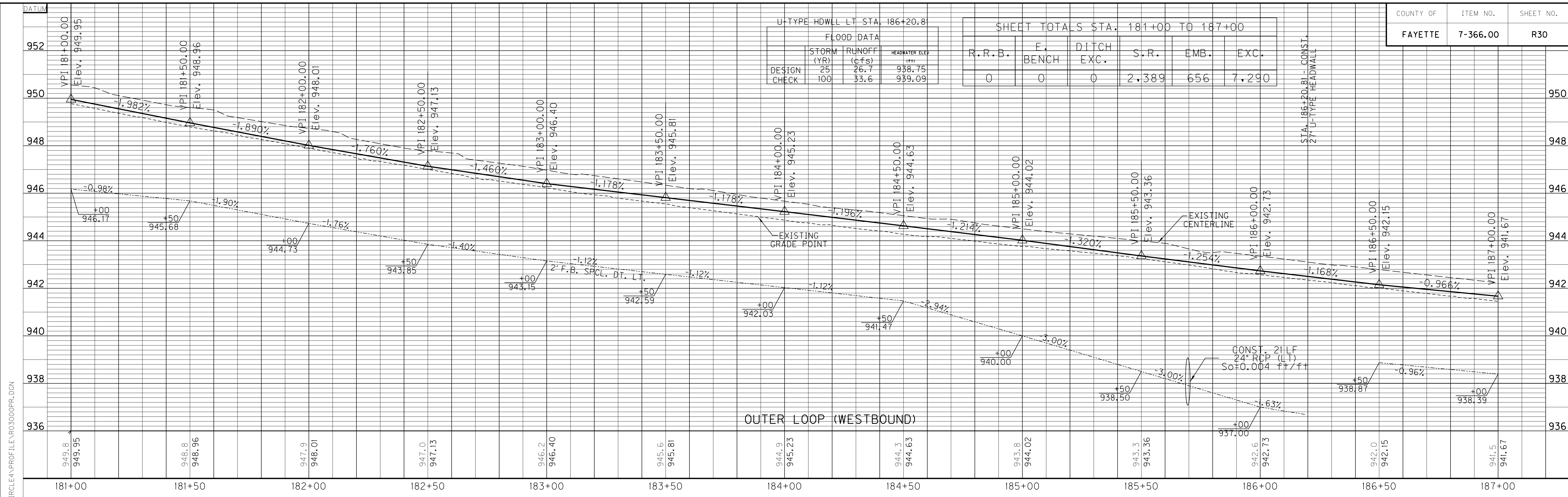
U-TYPE HDWLL LT. STA. 186+20.8

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	26.7
CHECK	100	33.6

\$HEET TOTALS STA. 181+00 TO 187+00

R.R.B.	F. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	2,389	656	7,290

STA. 186+20.81 - CONST. 2" U-TYPE HEADWALL

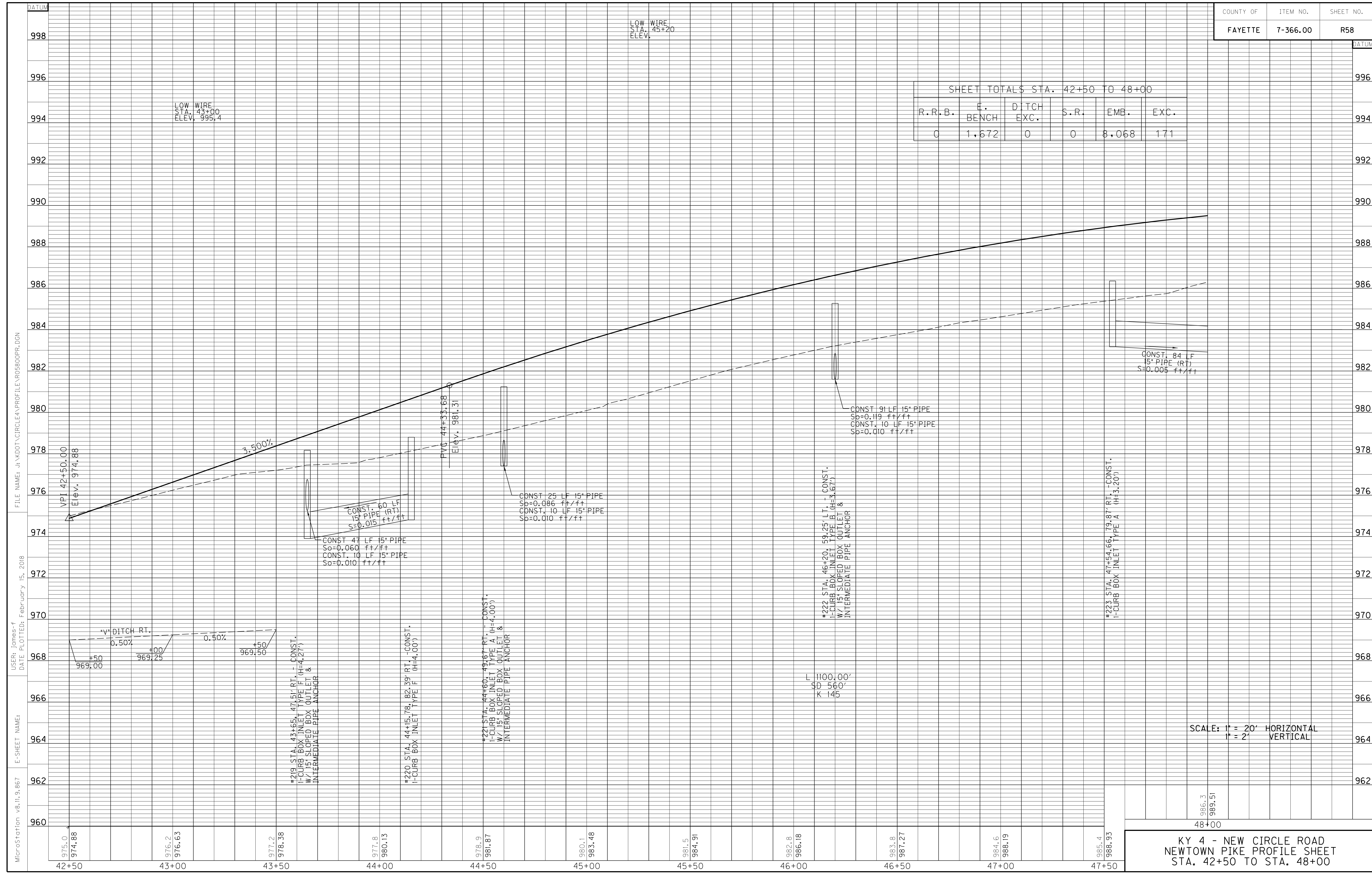


MicroStation v8.11.9.536 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 15, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILES\03000PR.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

SHEET TOTALS STA. 42+50 TO 48+00

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1,672	0	0	8,068	171



MicroStation v8.11.9.867 E-SHEET NAME: DATE PLOTTED: February 15, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILE\05800PR.DGN

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

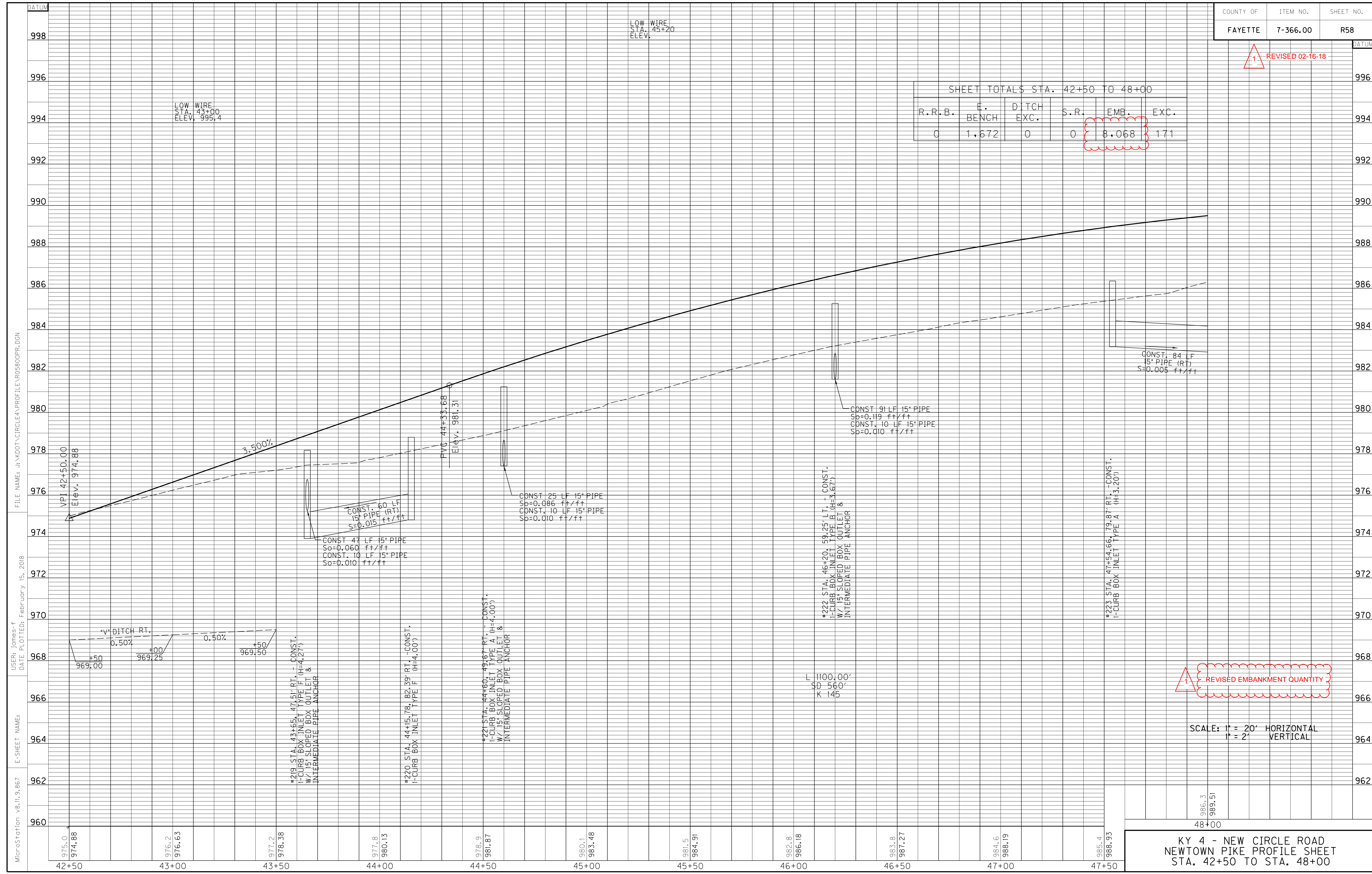
KY 4 - NEW CIRCLE ROAD
NEWTOWN PIKE PROFILE SHEET
STA. 42+50 TO STA. 48+00

986.3
989.51
48+00

1 REVISED 02-16-18

SHEET TOTALS STA. 42+50 TO 48+00

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1,672	0	0	8,068	171



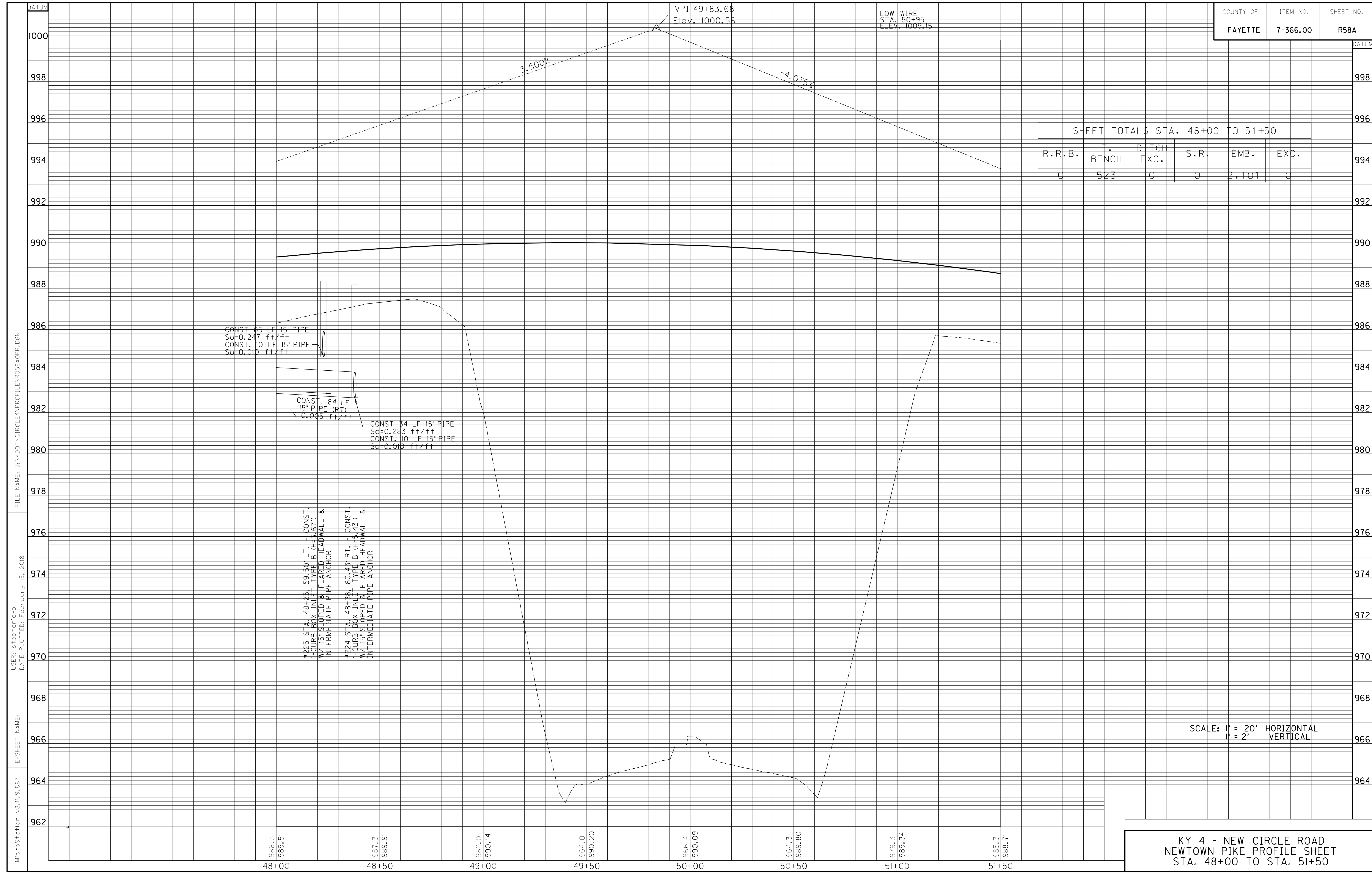
MicroStation v8.11.9.867 E-SHEET NAME: DATE PLOTTED: February 15, 2018 USER: James-f FILE NAME: J:\KDOT\CIRCLEA\PROFILE\05800PR.DGN

1 REVISED EMBANKMENT QUANTITY

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

986.3
989.51
48+00
KY 4 - NEW CIRCLE ROAD
NEWTOWN PIKE PROFILE SHEET
STA. 42+50 TO STA. 48+00

SHEET TOTALS STA. 48+00 TO 51+50					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	523	0	0	2,101	0

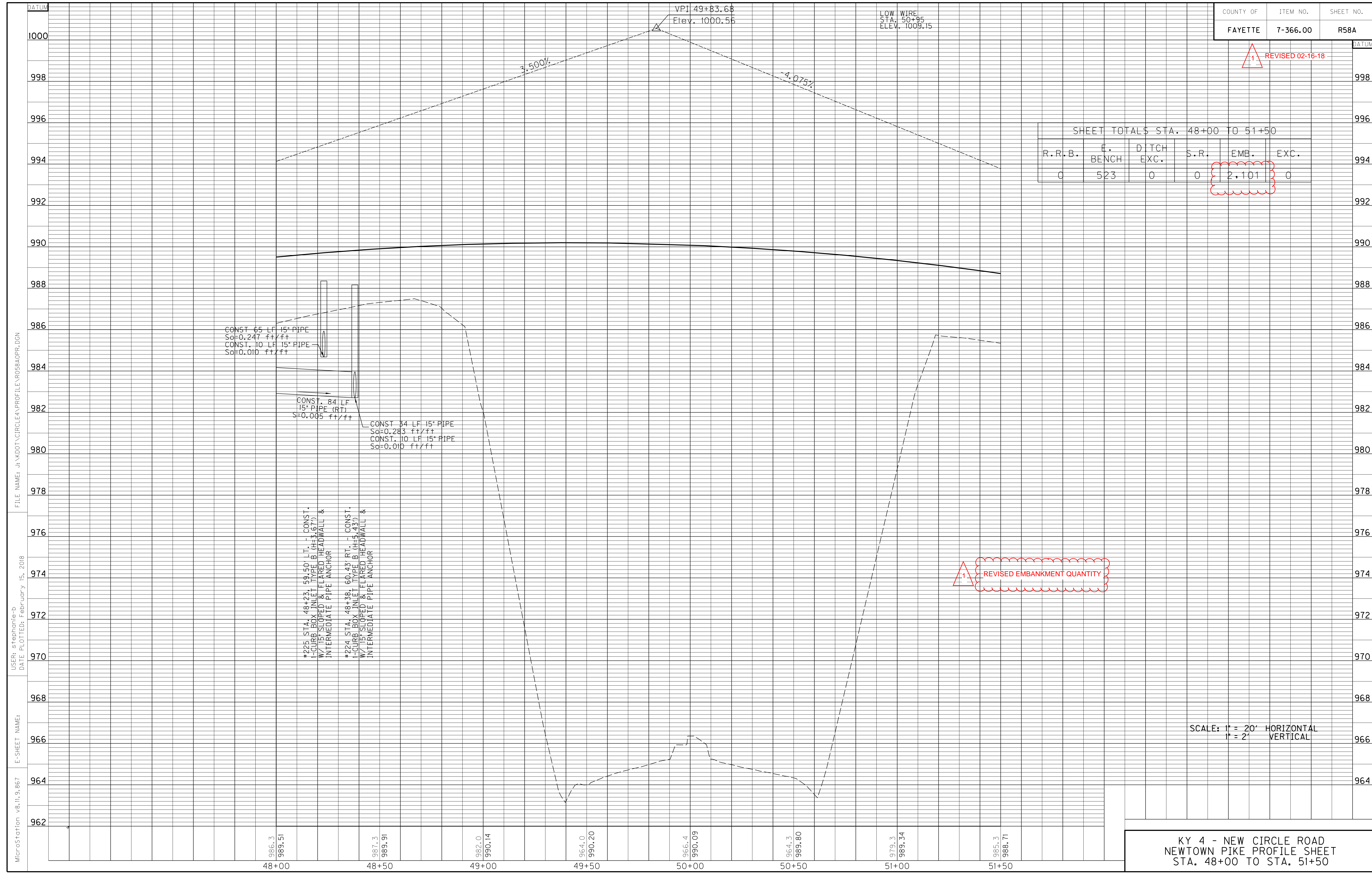


MicroStation v8.11.9.867 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 15, 2018 FILE NAME: J:\KDOT\CIRCLE4\PROFILE\RO58A0PR.DGN

REVIS 02-16-18

SHEET TOTALS STA. 48+00 TO 51+50

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	523	0	0	2,101	0



REVISED EMBANKMENT QUANTITY

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

KY 4 - NEW CIRCLE ROAD
NEWTOWN PIKE PROFILE SHEET
STA. 48+00 TO STA. 51+50

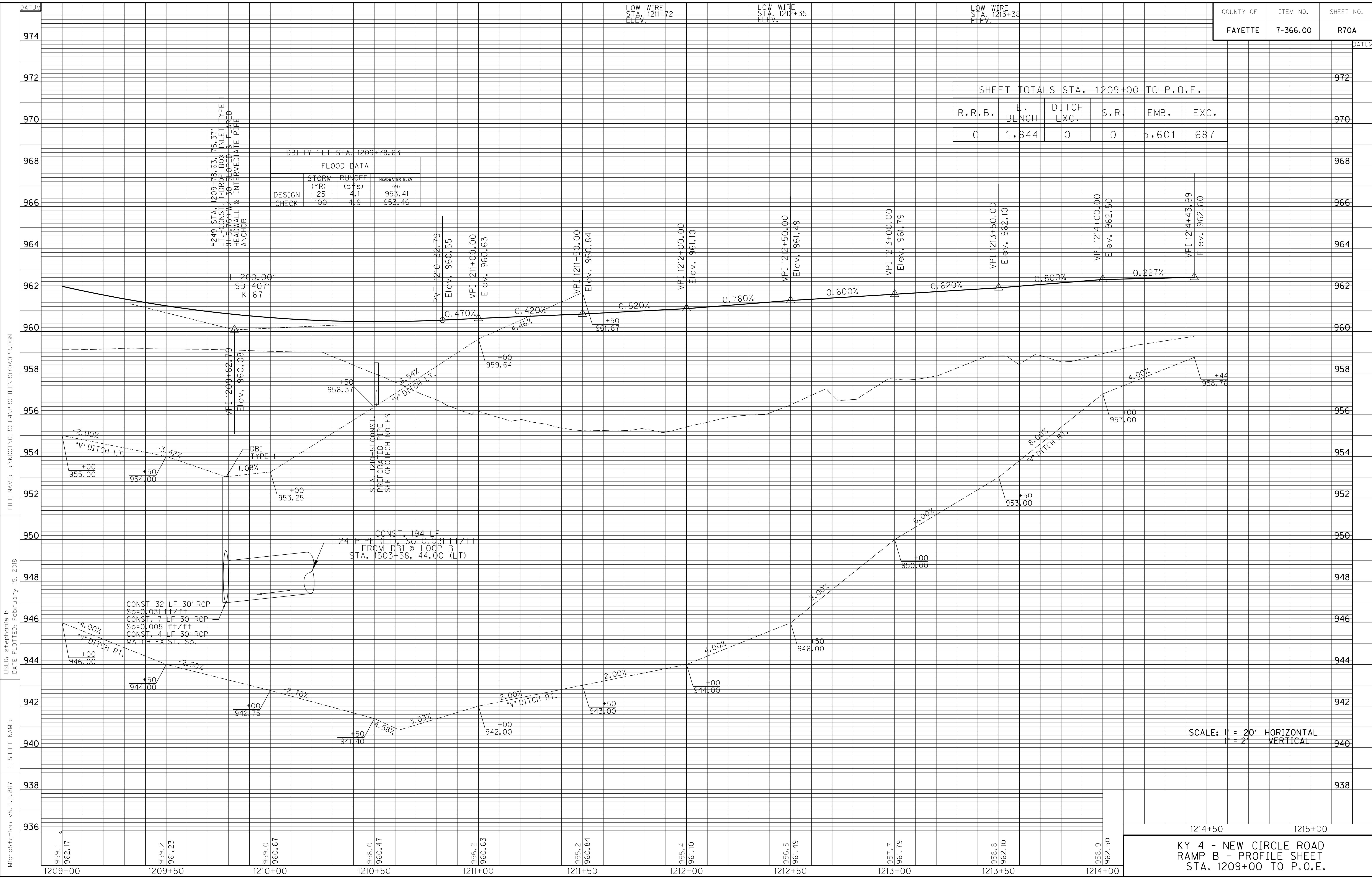
MicroStation v8.11.9.867 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 15, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILE\RO58AOPR.DGN

SHEET TOTALS STA. 1209+00 TO P.O.E.

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1,844	0	0	5,601	687

DBI TYPE I LT. STA. 1209+78.63

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	4.1	953.41
CHECK 100	4.9	953.46



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

KY 4 - NEW CIRCLE ROAD
RAMP B - PROFILE SHEET
STA. 1209+00 TO P.O.E.

MicroStation v8.11.9.867 E-SHEET NAME: J:\KDOT\CIRCLEA\PROFILES\PRO70A0PR.DGN
 USER: stephanie-b DATE PLOTTED: February 15, 2018

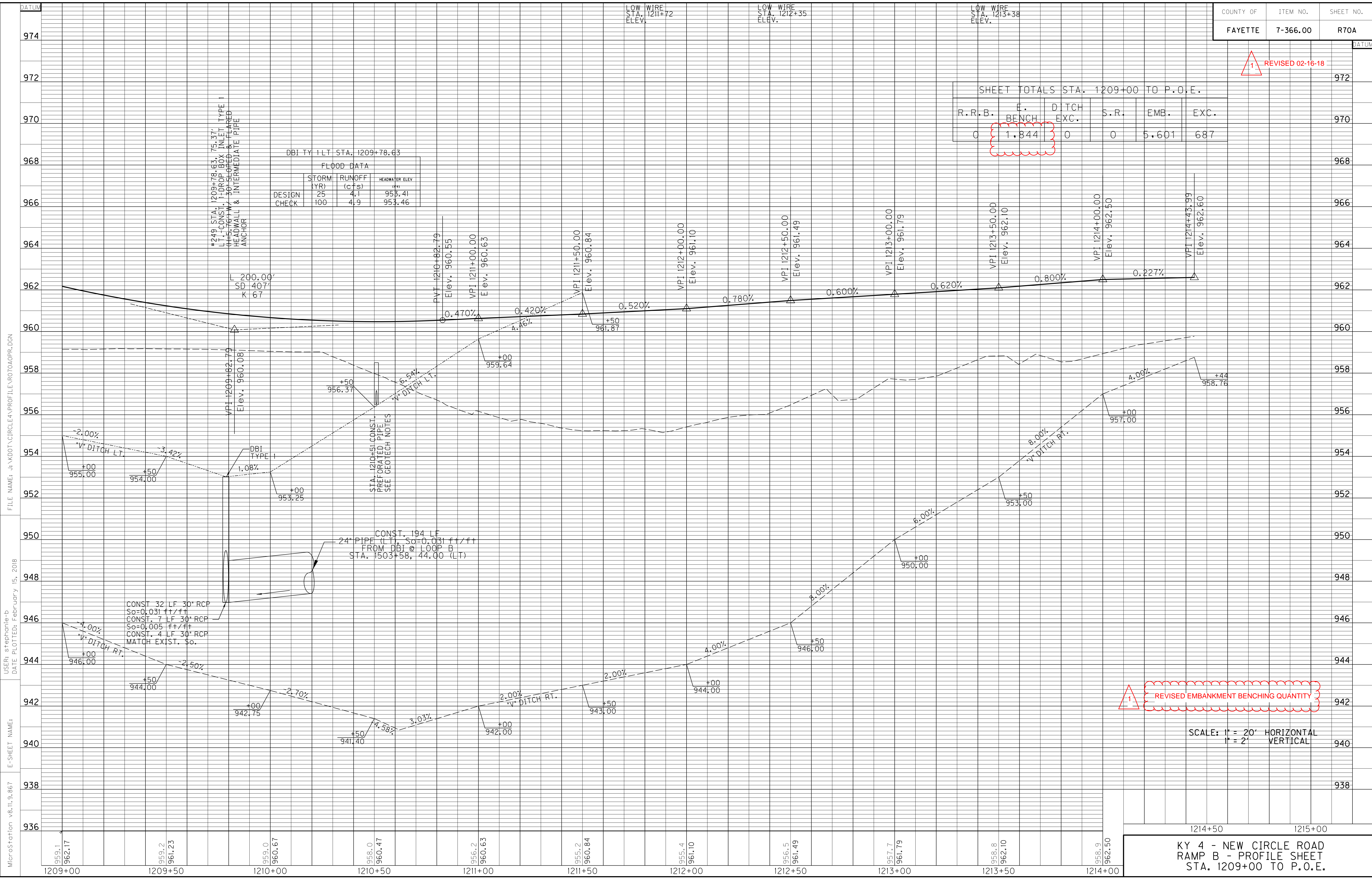
1 REVISD 02-16-18

SHEET TOTALS STA. 1209+00 TO P.O.E.

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1,844	0	0	5,601	687

DBI TYPE I LT STA. 1209+78.63

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	4.1	953.41
CHECK 100	4.9	953.46

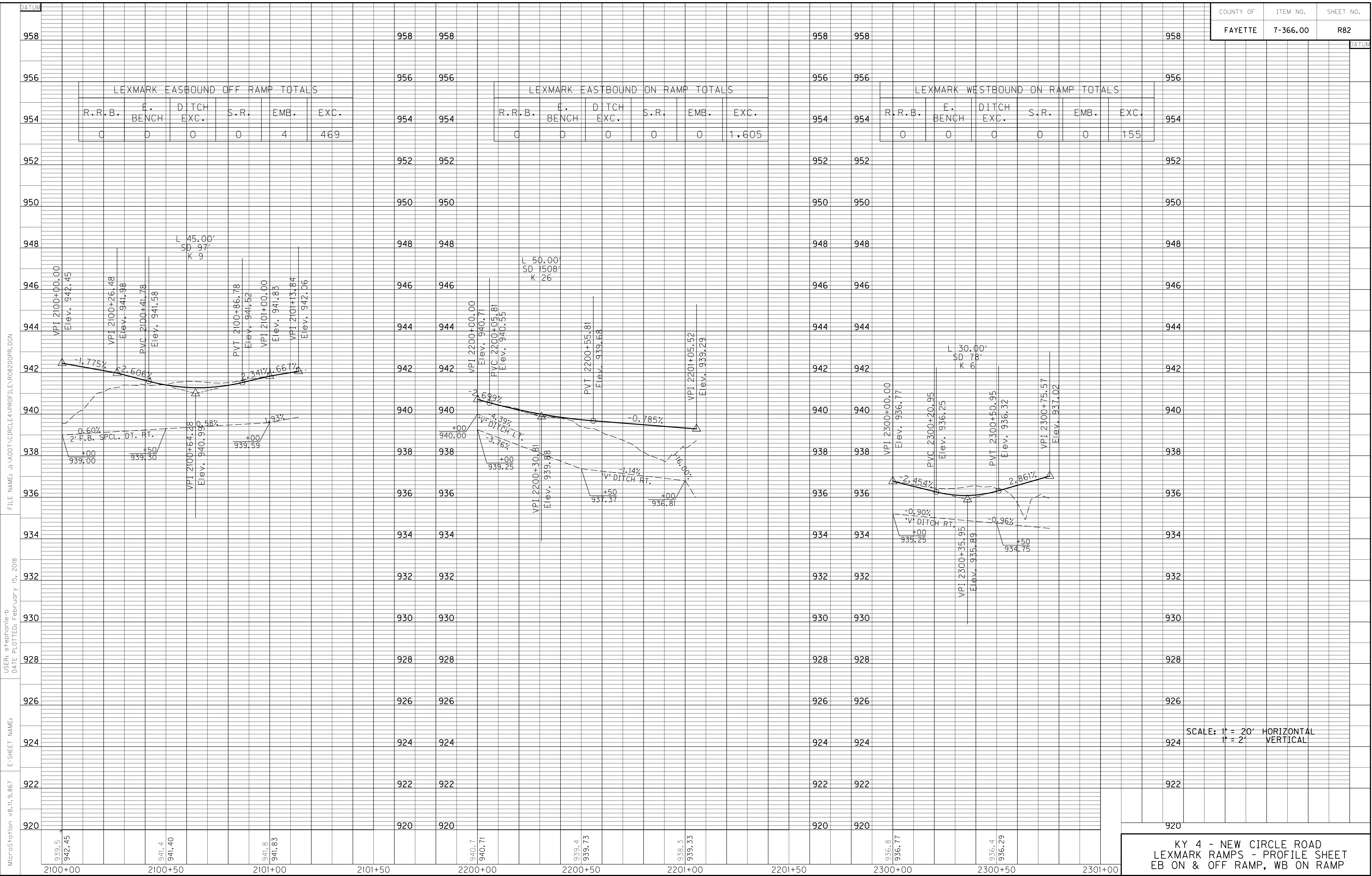


1 REVISD EMBANKMENT BENCHING QUANTITY

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

KY 4 - NEW CIRCLE ROAD
RAMP B - PROFILE SHEET
STA. 1209+00 TO P.O.E.

FILE NAME: J:\KDOT\CIRCLEA\PROFILES\PRO70A0PR.DGN
 USER: stephanie-b
 DATE PLOTTED: February 15, 2018
 E-SHEET NAME:
 MicroStation v8.11.9.867



R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	4	469

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	0	1,605

R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	0	155

MicroStation v8.11.9.867
 E-SHEET NAME:
 USER: stephanie-b
 DATE PLOTTED: February 15, 2018
 FILE NAME: J:\KDOT\CIRCLEA\PROF\LEV\RB200PR.DGN

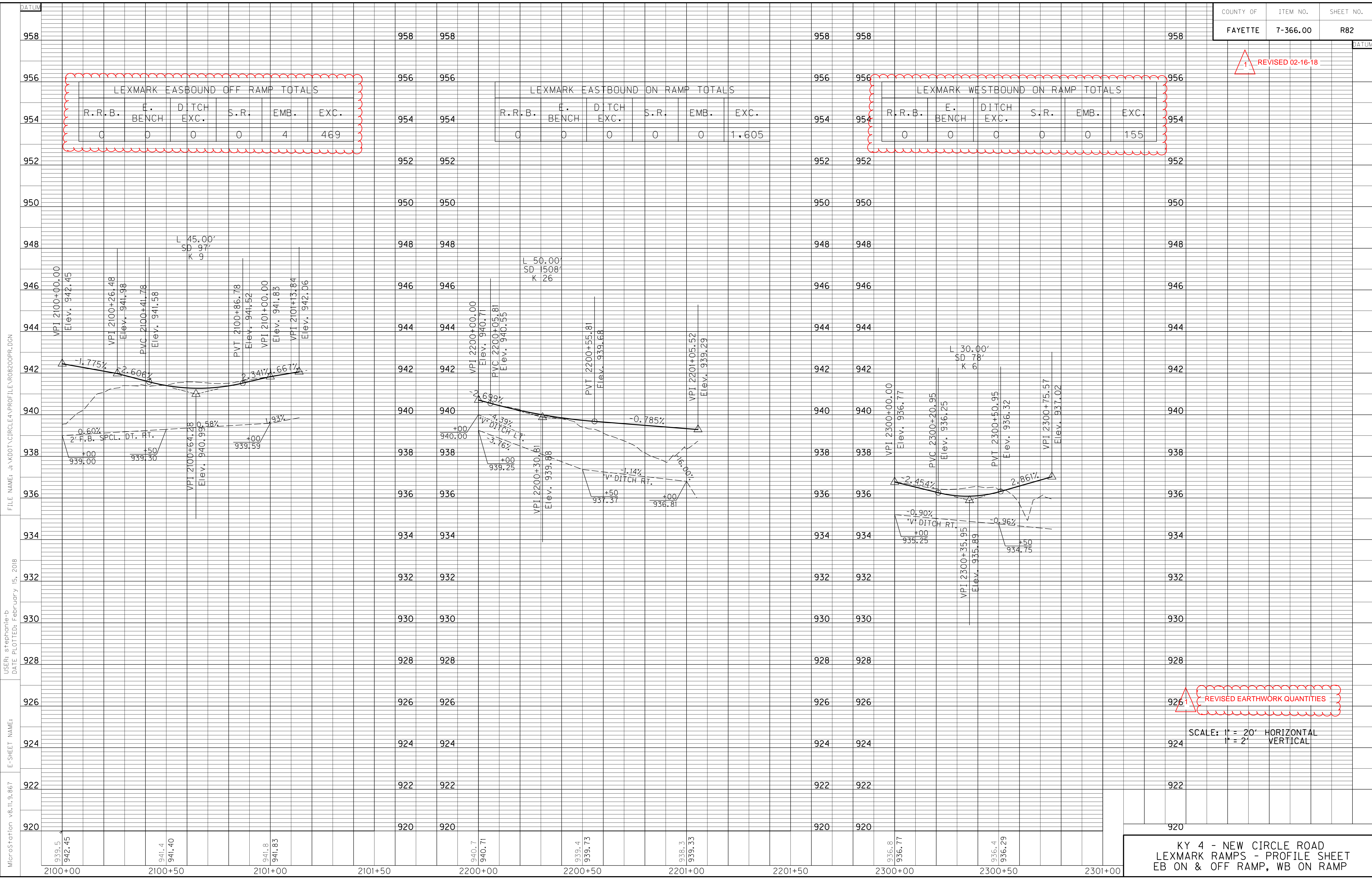
SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL
 KY 4 - NEW CIRCLE ROAD
 LEXMARK RAMPS - PROFILE SHEET
 EB ON & OFF RAMP, WB ON RAMP

REVIS 02-16-18

LEXMARK EASTBOUND OFF RAMP TOTALS					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	4	469

LEXMARK EASTBOUND ON RAMP TOTALS					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	0	1,605

LEXMARK WESTBOUND ON RAMP TOTALS					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	0	0	0	0	155



FILE NAME: J:\KDOT\CIRCLEA\PROF\LEV\08200PR.DGN
 USER: stephanie-b
 DATE PLOTTED: February 15, 2018
 E-SHEET NAME:
 MicroStation v8.11.9.867

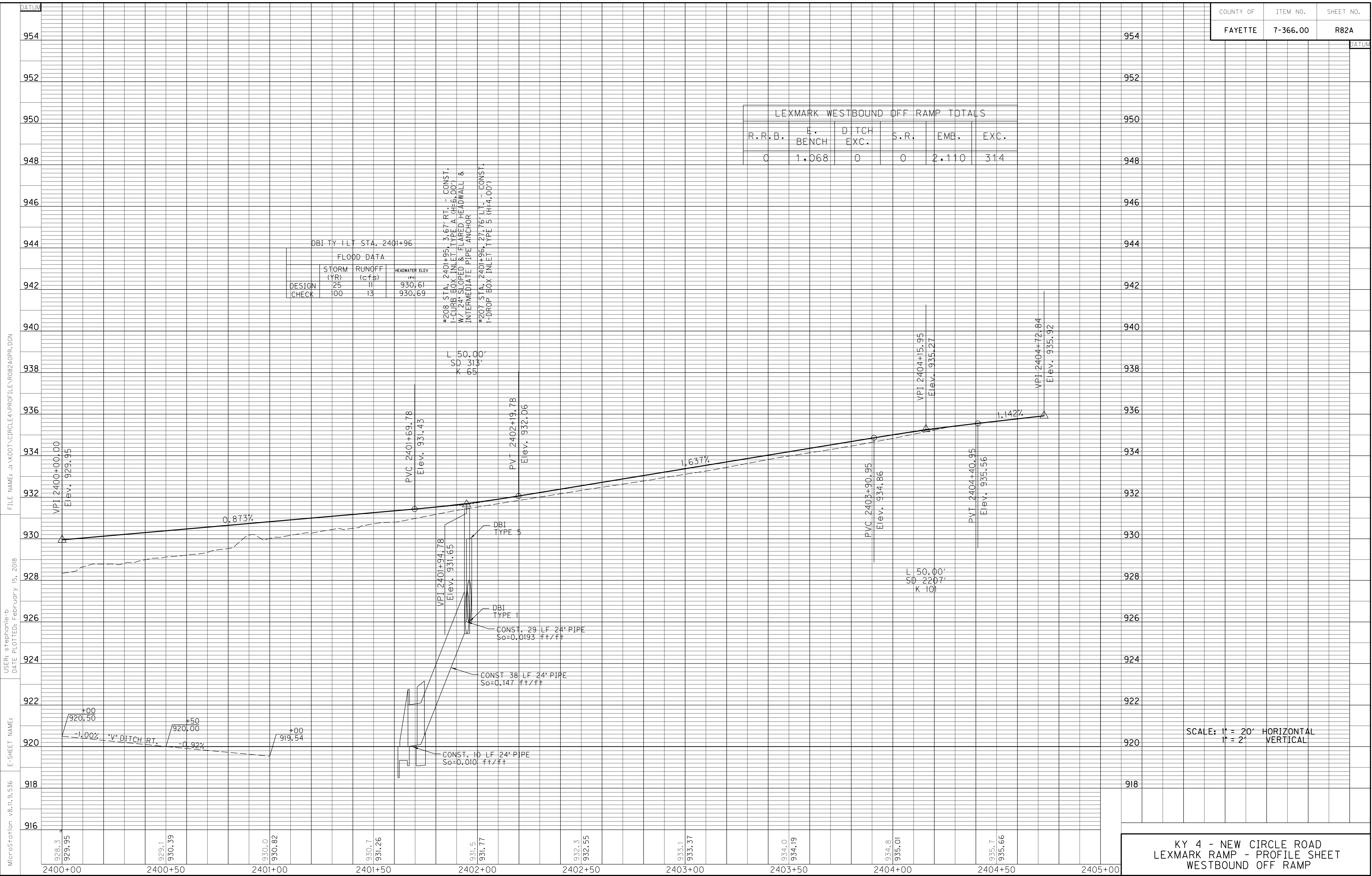
KY 4 - NEW CIRCLE ROAD
 LEXMARK RAMPS - PROFILE SHEET
 EB ON & OFF RAMP, WB ON RAMP

LEXMARK WESTBOUND OFF RAMP TOTALS					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1.068	0	0	2.110	314

DBI TY 1 LT STA. 2401+96

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV
DESIGN	25	11	930.61
CHECK	100	13	930.69

#208 STA. 2401+95, 3.67' RT. - CONST. 1-CURB BOX INLET TYPE A (H=6.00') W/ 24" SLOPED & FLARED HEADWALL & INTERMEDIATE PIPE ANCHOR
 #207 STA. 2401+96, 27.76' LT. - CONST. 1-DROP BOX INLET TYPE 5 (H=4.00')



MicroStation v8.11.9.536
 E-SHEET NAME:
 USER: stephanie-b
 DATE PLOTTED: February 15, 2018
 FILE NAME: J:\KDOT\CIRCLEA\PROFILES\ROB240PR.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

KY 4 - NEW CIRCLE ROAD
 LEXMARK RAMP - PROFILE SHEET
 WESTBOUND OFF RAMP

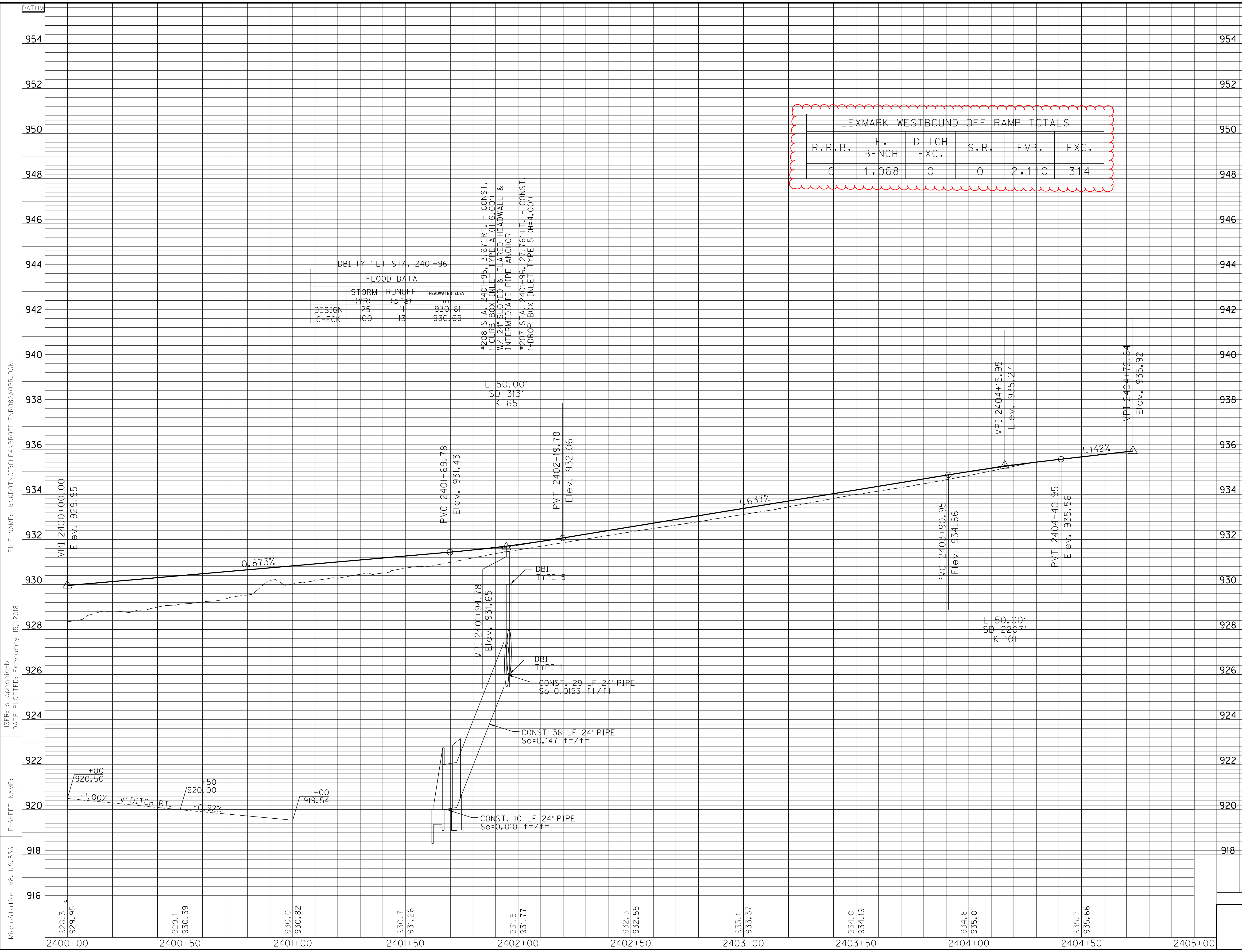
REVIS 02-16-18

LEXMARK WESTBOUND OFF RAMP TOTALS					
R.R.B.	E. BENCH	DITCH EXC.	S.R.	EMB.	EXC.
0	1,068	0	0	2,110	314

DBI TY 1 LT STA. 2401+96

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV
DESIGN 25	11	930.61
CHECK 100	13	930.69

#208 STA. 2401+95, 3.67' RT. - CONST. 1-CURB BOX INLET TYPE A (H=6.00') W/ 24" SLOPED & FLARED HEADWALL & INTERMEDIATE PIPE ANCHOR
 #207 STA. 2401+96, 27.76' LT. - CONST. 1-DROP BOX INLET TYPE 5 (H=4.00')

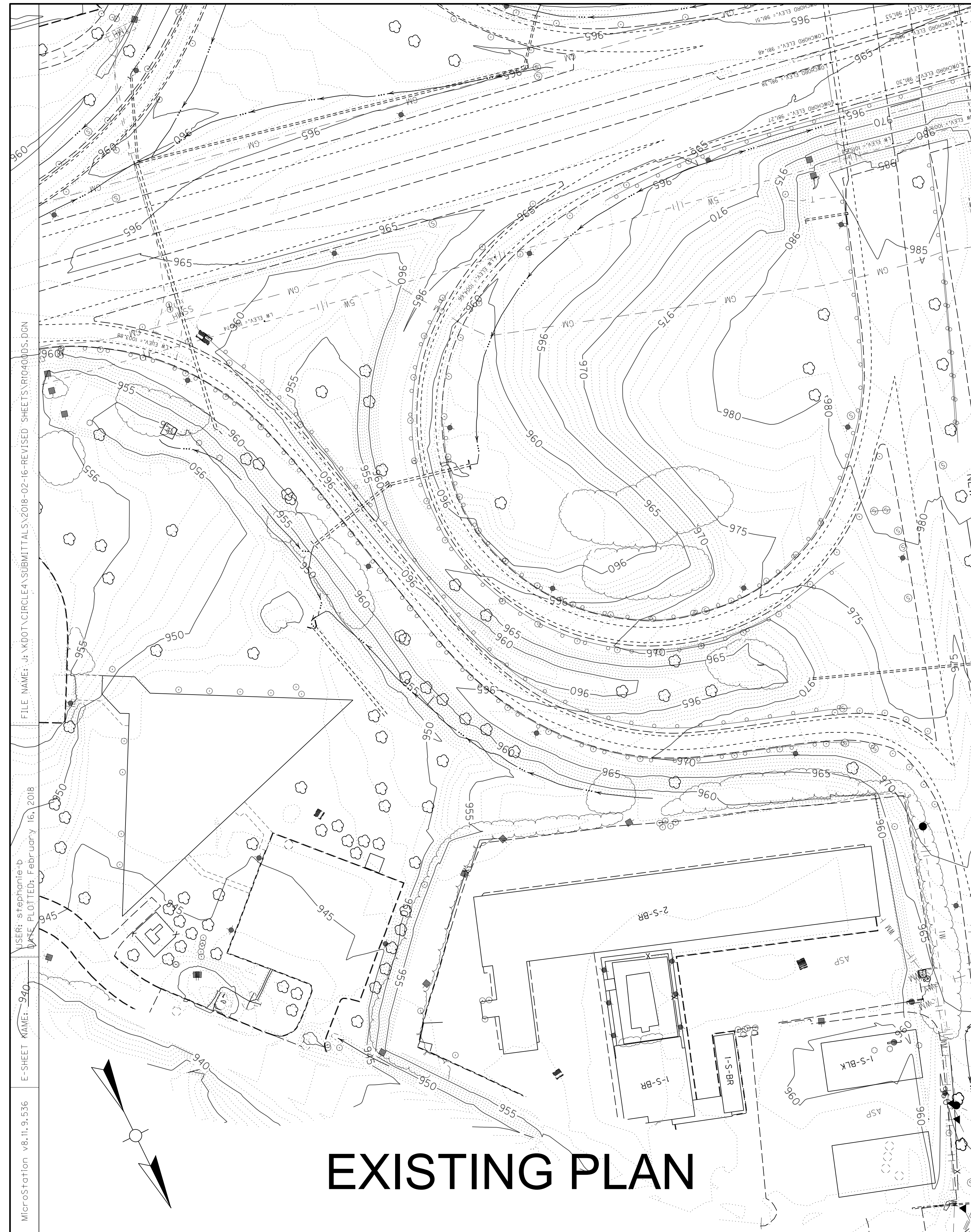


REVISED EARTHWORK QUANTITIES

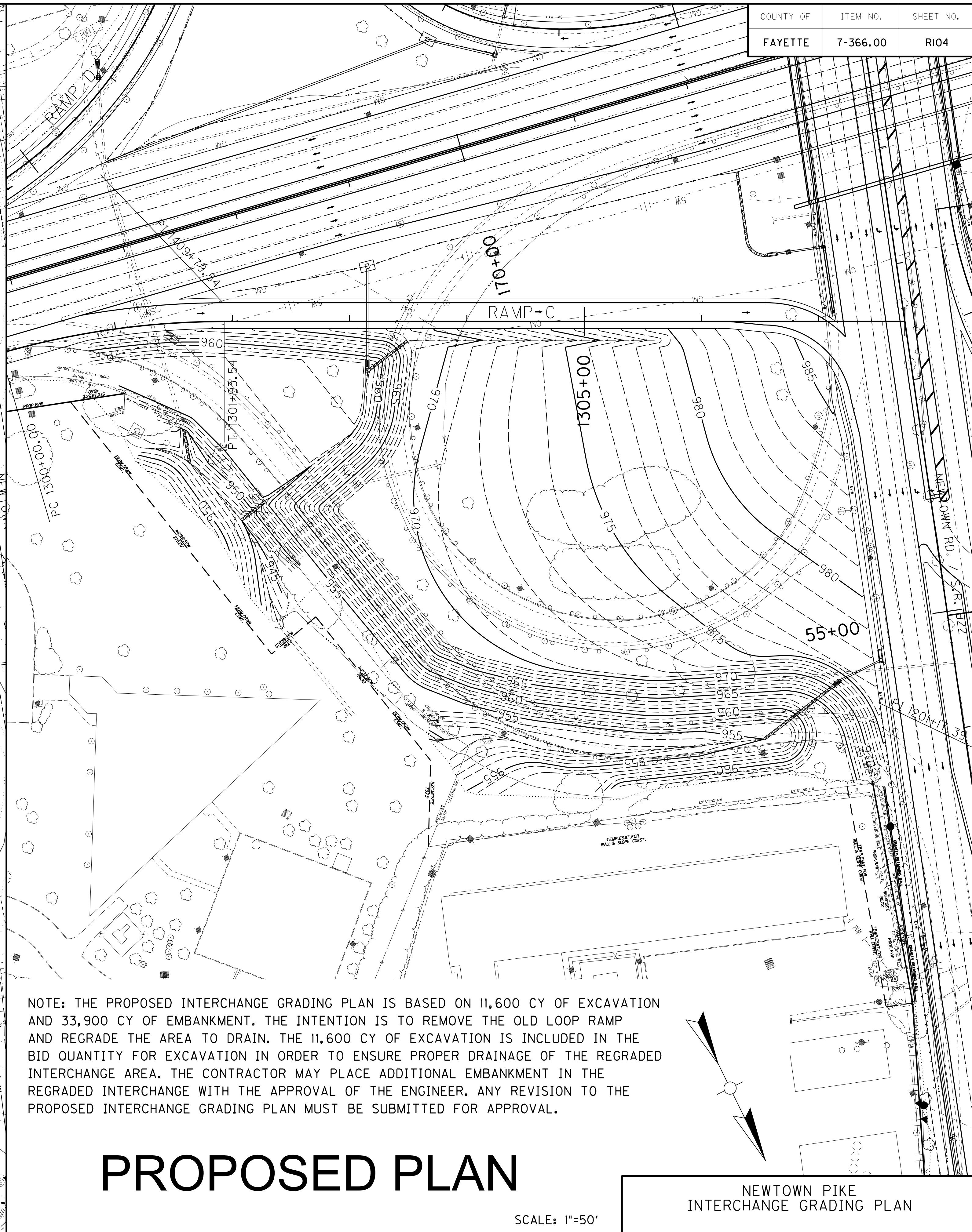
SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

KY 4 - NEW CIRCLE ROAD
 LEXMARK RAMP - PROFILE SHEET
 WESTBOUND OFF RAMP

MicroStation v8.11.9.536 E-SHEET NAME: USER: stephanie-b DATE PLOTTED: February 15, 2018 FILE NAME: J:\KDOT\CIRCLEA\PROFILES\ROB240PR.DGN



EXISTING PLAN



PROPOSED PLAN

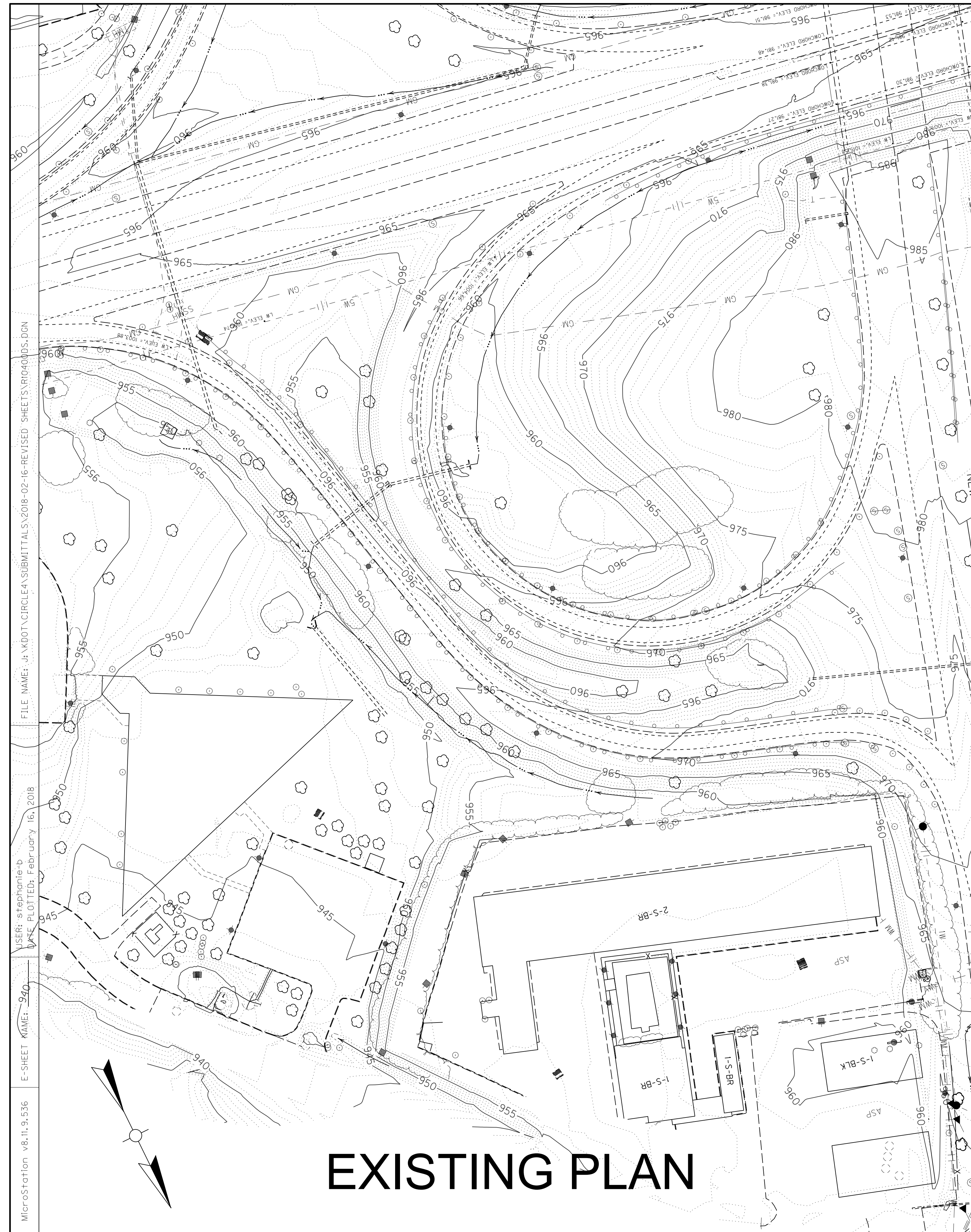
NOTE: THE PROPOSED INTERCHANGE GRADING PLAN IS BASED ON 11,600 CY OF EXCAVATION AND 33,900 CY OF EMBANKMENT. THE INTENTION IS TO REMOVE THE OLD LOOP RAMP AND REGRADE THE AREA TO DRAIN. THE 11,600 CY OF EXCAVATION IS INCLUDED IN THE BID QUANTITY FOR EXCAVATION IN ORDER TO ENSURE PROPER DRAINAGE OF THE REGRADED INTERCHANGE AREA. THE CONTRACTOR MAY PLACE ADDITIONAL EMBANKMENT IN THE REGRADED INTERCHANGE WITH THE APPROVAL OF THE ENGINEER. ANY REVISION TO THE PROPOSED INTERCHANGE GRADING PLAN MUST BE SUBMITTED FOR APPROVAL.

SCALE: 1"=50'

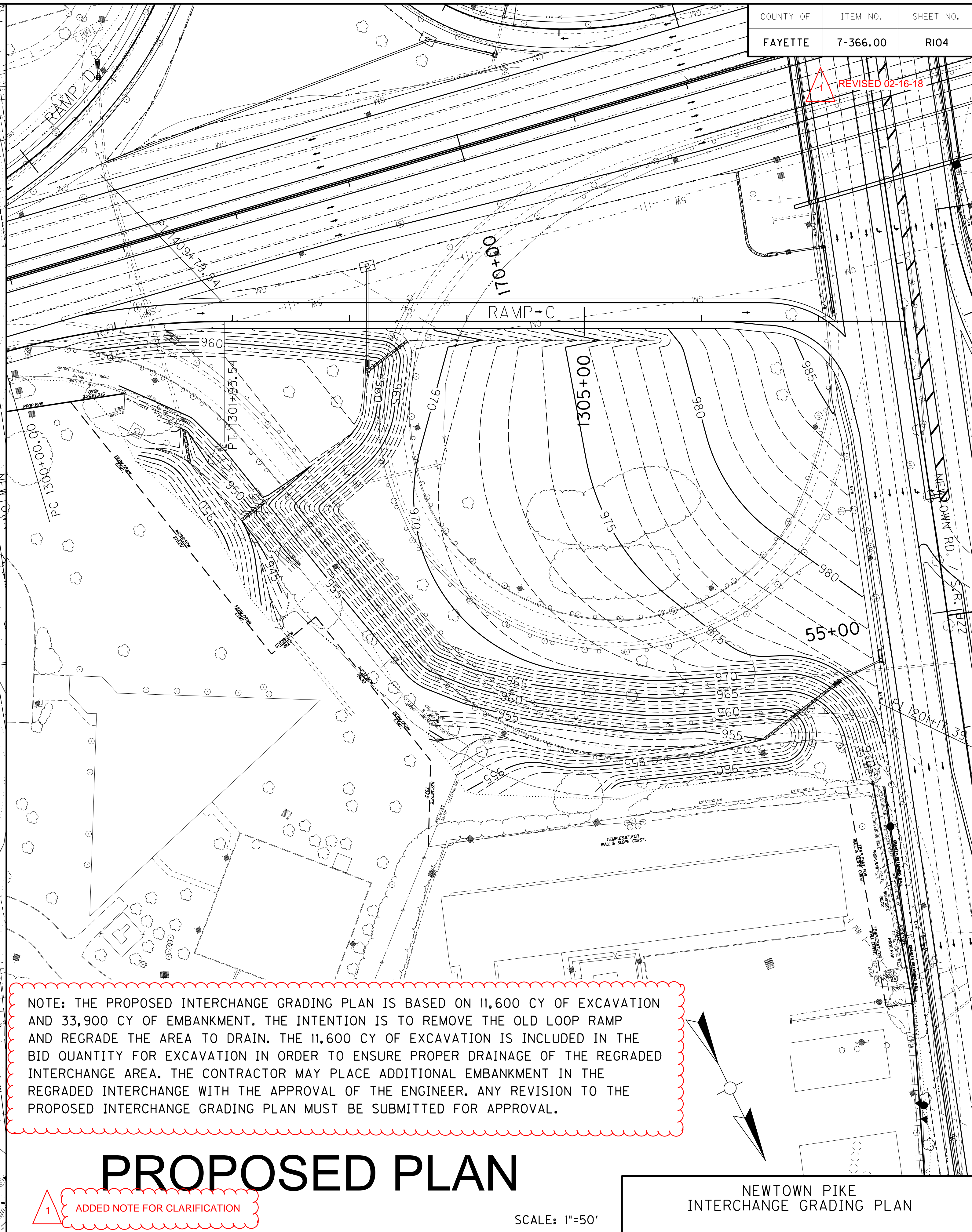
NEWTOWN PIKE
INTERCHANGE GRADING PLAN

MicroStation v8.11.9.536
 E-SHEET NAME: 940
 USER: stephoni-b
 DATE PLOTTED: February 16, 2018
 FILE NAME: J:\KDOT\CIRCLE4\SUBMITTALS\2018-02-16-REVISED_SHEETS\RI04\RI04.DGN

REVIS 02-16-18



EXISTING PLAN



PROPOSED PLAN

NOTE: THE PROPOSED INTERCHANGE GRADING PLAN IS BASED ON 11,600 CY OF EXCAVATION AND 33,900 CY OF EMBANKMENT. THE INTENTION IS TO REMOVE THE OLD LOOP RAMP AND REGRADE THE AREA TO DRAIN. THE 11,600 CY OF EXCAVATION IS INCLUDED IN THE BID QUANTITY FOR EXCAVATION IN ORDER TO ENSURE PROPER DRAINAGE OF THE REGRADED INTERCHANGE AREA. THE CONTRACTOR MAY PLACE ADDITIONAL EMBANKMENT IN THE REGRADED INTERCHANGE WITH THE APPROVAL OF THE ENGINEER. ANY REVISION TO THE PROPOSED INTERCHANGE GRADING PLAN MUST BE SUBMITTED FOR APPROVAL.

1 ADDED NOTE FOR CLARIFICATION

SCALE: 1"=50'

NEWTOWN PIKE INTERCHANGE GRADING PLAN

MicroStation v8.11.9.536
 E-SHEET NAME: 940
 USER: stephoni-b
 DATE PLOTTED: February 16, 2018
 FILE NAME: J:\KDOT\CIRCLE4\SUBMITTALS\2018-02-16-REVISED_SHEETS\RI04-0005.DGN

SIGNING

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-366.00	T001

REVISED 2/16/18

ESTIMATE OF QUANTITIES

NOTES :

- (1) PAYMENT FOR GROUND MOUNTED SIGN SUPPORTS TYPE A AND TYPE C SHALL BE BASED ON THE NOMINAL WEIGHT OF THE BEAMS. THE NECESSARY GALVANIZING, HARDWARE, ETC. IS TO BE CONSIDERED INCIDENTAL. QUANTITIES FOR TYPE C SUPPORTS SHALL INCLUDE ALL NECESSARY HARDWARE TO FORM COMPLETE BREAK-AWAY BEAMS. SEE PANEL SIGN DETAIL SHEET.
- (2) QUANTITY SHALL INCLUDE ALL COPY AND HARDWARE NECESSARY TO FORM COMPLETE SIGNS. NO DEDUCTION IN AREA IS TO BE MADE FOR ROUNDING OF CORNERS.
- (3) WITH PERMISSION OF THE ENGINEER, SHEETING SIGNS ON THE RAMPS AND SIDE ROADS MAY BE MOVED TO BE COMPATIBLE WITH THE EXISTING SIGNS.
- (4) QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- (5) WHERE REQUIRED, BRACING FOR SHEETING SIGNS SHALL BE INCIDENTAL TO STEEL POST. SEE SHEETING SIGN DETAIL SHEET.
- (6) QUANTITY SHALL INCLUDE ALL MATERIAL NECESSARY TO FORM A COMPLETE BREAK-AWAY ASSEMBLY. TYPE I POSTS AND CONCRETE SHALL BE PAID SEPARATELY. SEE SHEETING SIGN DETAIL SHEET.
- (7) QUANTITY SHALL INCLUDE SIGN AND POST.
- (8) ALL MATERIALS REMOVED AND NOT REUSED, SUCH AS SIGNS, SIGN LIGHTS, SIGN SUPPORTS, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (9) THE REMOVAL OF ALL TYPE I OR II POSTS AND ALL SHEETING SIGNS SHALL BE INCIDENTAL TO THE PROJECT WITH NO ADDITIONAL PAYMENT BEING ALLOWED. ALL MATERIAL SHALL BE STORED IN ACCORDANCE WITH NOTE (8) ABOVE.
- (10) WHERE THE REMOVAL OF OVERHEAD STRUCTURE CONCRETE BASE IS CALLED FOR, THE BASE IS TO BE REMOVED TO A MINIMUM OF ONE FOOT (1') BELOW THE GROUND LINE, BACKFILLED TO EXISTING GROUND LINE, AND THE DISTURBED AREAS RESEDED.
- (11) WHERE THE REMOVAL OF BEAM SIGN SUPPORTS IS CALLED FOR, THE BEAM AND ANY CONCRETE PROJECTING ABOVE THE GROUND LINE ARE TO BE CUT OFF A MINIMUM OF ONE FOOT (1') BELOW EXISTING GROUND LINE OR THE ENTIRE BEAM AND CONCRETE BASE ARE TO BE REMOVED COMPLETELY AND BACKFILLED TO EXISTING GROUND LINE.
- (12) QUANTITY SHALL INCLUDE W-BARS AND ALL HARDWARE NECESSARY FOR ATTACHING SIGNS TO SUPPORTS. ALL HARDWARE TO MATCH APPROVED SHOP DRAWINGS.
- (13) QUANTITY IS ESTIMATED. THE EXACT NUMBER SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. SEE SIGNING POSITIONING DETAIL SHEET FOR DELINEATOR PLACEMENT.
- (14) CONTRACTOR SHALL OBTAIN DISTRICT 7 TRAFFIC SECTION APPROVAL ON ALL SIGNS BEFORE MANUFACTURE AND BEFORE INSTALLATION.
- (15) SHEET SIGNS WITH DIMENSIONS GREATER THAN 36' SHALL BE INSTALLED ON TWO TYPE I POSTS UNLESS OTHERWISE SPECIFIED BY ENGINEER.
- (16) SIGN ASSEMBLIES REQUIRING MORE THAN TWO TYPE I POSTS IN A 7 FT SPAN SHALL BE INSTALLED ON TYPE D OMNI WITH BRACING OR AS DETERMINED BY ENGINEER.
- (17) ANCHORS ARE NOT TO BE CUT.

ITEM	CODE NUMBER	UNIT	PROJECT				TOTALS	ITEM	CODE NUMBER	UNIT	PROJECT				TOTALS
GROUND MOUNTED SIGN SUPPORTS							OVERHEAD SIGN SUPPORTS ⑫								
⊕ TYPE A	6400	LBS.					1,628	OSS ALUMINUM 60 FT TRUSS	6422	EACH					
⊕ TYPE C	6441	LBS.					17,513	OSS ALUMINUM 65 FT TRUSS	6424	EACH					
FOOTINGS FOR SIGNS							OSS ALUMINUM 70 FT TRUSS								
CONCRETE - CLASS "A" FOR SIGNS	6490	CU.YD.					293	OSS ALUMINUM 75 FT TRUSS	6436	EACH				2	
REINFORCEMENT STEEL	6491	LBS.					21,810	OSS ALUMINUM 80 FT TRUSS	6438	EACH				3	
SIGN BASE MATERIAL							OSS ALUMINUM 85 FT TRUSS								
ALUMINUM								OSS ALUMINUM 90 FT TRUSS	6445	EACH					
② PANEL SIGNS	6405	SQ.FT.					8,056	OSS ALUMINUM 95 FT TRUSS	6453	EACH					
③ SHEETING SIGNS								OSS ALUMINUM 100 FT TRUSS	6455	EACH					
0.080 GAUGE	6406	SQ.FT.					534	OSS ALUMINUM 105 FT TRUSS	6457	EACH					
0.125 GAUGE	6407	SQ.FT.					1,529	OSS ALUMINUM 110 FT TRUSS	6459	EACH					
STEEL POST ④⑤							OSS ALUMINUM 115 FT TRUSS								
TYPE 1	6410	LN.FT.					4,273	OSS ALUMINUM 120 FT TRUSS	6463	EACH					
TYPE 2	6411	LN.FT.						OSS ALUMINUM 125 FT TRUSS	6465	EACH					
⑥ TYPE D	21596ND	EACH					28	OSS ALUMINUM 130 FT TRUSS	6467	EACH					
⑦ MILE MARKERS	6412	EACH					4	OSS ALUMINUM 135 FT TRUSS	6469	EACH					
REFERENCE MARKERS	4903	EACH						OSS ALUMINUM 140 FT TRUSS	6471	EACH					
REMOVAL ITEMS ⑧⑨							OSS GALV STEEL CANTILEVER MOD								
REMOVE OVERHEAD SIGN SUPPORT STRUCTURE	6449	EACH						OSS GALV STEEL CANTILEVER	6415	EACH					
⑩ REMOVE OVERHEAD SIGN SUPPORT STRUCTURE CONCRETE BASE	6450	EACH						OSS ALUMINUM 90 FT TRUSS - SPECIAL	24962ED	EACH				2	
⑪ REMOVE SIGN SUPPORT BEAMS	6451	EACH						SIGN BRIDGE ATTACHMENT BRACKET	6448	EACH				5	
REMOVE SIGN	21373ND	EACH						BARCODE SIGN INVENTORY	2463IEC	EACH				257	
MOVE CANTILEVER SIGN SUPPORT	20995ND	EACH						MISCELLANEOUS							
REMOVE AND RELOCATE SIGN	20418ED	EACH					3	BARRIER MOUNTING BRACKET	4904	EACH				2	
STEEL "W" BEAM GUARDRAIL							BARRIER WALL POST								
SINGLE FACE	2351	LN.FT.						ROADWAY CROSS SECTION	20419ND	EACH				2	
DOUBLE FACE	2352	LN.FT.						FLEXIBLE DELINEATOR POSTS						23	
END TREATMENT TYPE 1	2367	EACH						Ⓜ WHITE	6401	EACH				235	
END TREATMENT TYPE 2A	2369	EACH						Ⓜ YELLOW	6404	EACH				165	
								STAKING	2726	L.S.					
								FLASHING ARROW	2775	EACH					
								DEMobilIZATION	2569	L.S.					
								MAINTAIN & CONTROL TRAFFIC	2650	L.S.					

FILE NAME: P:\20051 - NEW CIRCLE WIDENING\LE.DGN\SIGNING PLANS\FINAL PLANS\DNKT00005U.DGN

USER: Brlttomys
DATE PLOTTED: October 19, 2017

E-SHEET NAME:

Power InRoads v8.11.9.397

SIGNING

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-366.00	TOOI

REVISED 2/16/18

ESTIMATE OF QUANTITIES

NOTES :

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								OSS ALUMINUM 70 FT TRUSS	6426	EACH					
FOOTINGS FOR SIGNS								OSS ALUMINUM 75 FT TRUSS	6436	EACH				2	
CONCRETE - CLASS "A" FOR SIGNS	6490	CU.YD.						OSS ALUMINUM 80 FT TRUSS	6438	EACH				3	
REINFORCEMENT STEEL	6491	LBS.						OSS ALUMINUM 85 FT TRUSS	6443	EACH					
								OSS ALUMINUM 90 FT TRUSS	6445	EACH					
SIGN BASE MATERIAL								OSS ALUMINUM 95 FT TRUSS	6453	EACH					
ALUMINUM								OSS ALUMINUM 100 FT TRUSS	6455	EACH					
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③ SHEETING SIGNS								OSS ALUMINUM 110 FT TRUSS	6459	EACH					
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0.125 GAUGE	6407	SQ.FT.						OSS ALUMINUM 120 FT TRUSS	6463	EACH					
								OSS ALUMINUM 125 FT TRUSS	6465	EACH					
STEEL POST ④⑤								OSS ALUMINUM 130 FT TRUSS	6467	EACH					
TYPE 1	6410	LN.FT.						OSS ALUMINUM 135 FT TRUSS	6469	EACH					
TYPE 2	6411	LN.FT.						OSS ALUMINUM 140 FT TRUSS	6471	EACH					
⑥ TYPE D	21596ND	EACH						OSS GALV STEEL CANTILEVER MOD	6201	EACH					
⑦ MILE MARKERS	6412	EACH						OSS GALV STEEL CANTILEVER	6415	EACH					
REFERENCE MARKERS	4903	EACH													
								OSS ALUMINUM 90 FT TRUSS - SPECIAL	24962ED	EACH				2	
REMOVAL ITEMS ⑧⑨								SIGN BRIDGE ATTACHMENT BRACKET	6448	EACH				5	
REMOVE OVERHEAD SIGN SUPPORT STRUCTURE	6449	EACH						BARCODE SIGN INVENTORY	2463IEC	EACH				237	
⑩ REMOVE OVERHEAD SIGN SUPPORT STRUCTURE CONCRETE BASE	6450	EACH													
⑪ REMOVE SIGN SUPPORT BEAMS	6451	EACH						MISCELLANEOUS							
REMOVE SIGN	21373ND	EACH						BARRIER MOUNTING BRACKET	4904	EACH				2	
MOVE CANTILEVER SIGN SUPPORT	20995ND	EACH						BARRIER WALL POST	20912ND	EACH				2	
REMOVE AND RELOCATE SIGN	20418ED	EACH						ROADWAY CROSS SECTION	20419ND	EACH				23	
								FLEXIBLE DELINEATOR POSTS							
STEEL "W" BEAM GUARDRAIL								Ⓜ WHITE	6401	EACH				235	
SINGLE FACE	2351	LN.FT.						Ⓜ YELLOW	6404	EACH				165	
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END TREATMENT TYPE 1	2367	EACH						FLASHING ARROW	2775	EACH					
END TREATMENT TYPE 2A	2369	EACH						DEMOBILIZATION	2569	L.S.					
								MAINTAIN & CONTROL TRAFFIC	2650	L.S.					

FILE NAME: P:\20051 - NEW CIRCLE WIDENING\LE.DGN\SIGNING PLANS\FINAL PLANS\DNKT00005U.DGN
 USER: Brlttomys
 DATE PLOTTED: October 19, 2017
 E-SHEET NAME:
 Power InRoads v8.11.9.397