



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

December 4, 2023

CALL NO. 105
CONTRACT ID NO. 231043
ADDENDUM # 1

Subject: Hart County, STP 6000 (172)
Letting December 14, 2023

- (1) Revised - Proposal Bid Items - Pages 196-199 of 199
- (2) Revised - Plan Sheets - R02D, X023, X025, X032, X036, X037, X038, X046, X047, X052, X058, X061, X067, X082, X089, X090, X092, X095, X096, X097, X098, X101, X102, X105

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

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

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills".

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

RM:mr
Enclosures

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	13,041.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	95.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	11.36	TON		\$	
0040	00221		CL2 ASPH BASE 0.75D PG64-22	7,177.00	TON		\$	
0050	00307		CL2 ASPH SURF 0.38B PG64-22	2,608.00	TON		\$	
0060	02602		FABRIC-GEOTEXTILE CLASS 1	27,161.00	SQYD		\$	
0070	02604		FABRIC-GEOTEXTILE CLASS 1A	34,725.00	SQYD		\$	
0080	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0090	02677		ASPHALT PAVE MILLING & TEXTURING	439.00	TON		\$	
0100	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	19.21	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0110	00020		TRAFFIC BOUND BASE	750.00	TON		\$	
0120	00078		CRUSHED AGGREGATE SIZE NO 2	35.00	TON		\$	
0130	01000		PERFORATED PIPE-4 IN	332.00	LF		\$	
0140	01010		NON-PERFORATED PIPE-4 IN	84.00	LF		\$	
0150	01024		PERF PIPE HEADWALL TY 2-4 IN	3.00	EACH		\$	
0160	01032		PERF PIPE HEADWALL TY 4-4 IN	4.00	EACH		\$	
0170	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	16.00	EACH		\$	
0180	01990		DELINEATOR FOR BARRIER WALL-B/W	6.00	EACH		\$	
0190	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0200	02159		TEMP DITCH	3,701.00	LF		\$	
0210	02160		CLEAN TEMP DITCH	1,850.00	LF		\$	
0220	02165		REMOVE PAVED DITCH	182.00	SQYD		\$	
0230	02200		ROADWAY EXCAVATION (REVISED 12-4-2023)	224,870.00	CUYD		\$	
0240	02242		WATER	38.00	MGAL		\$	
0250	02367		GUARDRAIL END TREATMENT TYPE 1	6.00	EACH		\$	
0260	02429		RIGHT-OF-WAY MONUMENT TYPE 1	60.00	EACH		\$	
0270	02432		WITNESS POST	3.00	EACH		\$	
0280	02483		CHANNEL LINING CLASS II	1,975.00	TON		\$	
0290	02484		CHANNEL LINING CLASS III	789.00	TON		\$	
0300	02488		CHANNEL LINING CLASS IV	1,796.00	CUYD		\$	
0310	02545		CLEARING AND GRUBBING 39 ACRES	1.00	LS		\$	
0320	02562		TEMPORARY SIGNS	400.00	SQFT		\$	
0330	02585		EDGE KEY	80.00	LF		\$	
0340	02602		FABRIC-GEOTEXTILE CLASS 1 (DITCHES)	5,921.00	SQYD		\$	
0350	02603		FABRIC-GEOTEXTILE CLASS 2	1,005.00	SQYD		\$	
0360	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,739.00	SQYD	\$2.00	\$	\$3,478.00
0370	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0380	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	02692		SETTLEMENT PLATFORM	1.00	EACH		\$	
0400	02701		TEMP SILT FENCE	3,876.00	LF		\$	
0410	02703		SILT TRAP TYPE A	39.00	EACH		\$	
0420	02704		SILT TRAP TYPE B	39.00	EACH		\$	
0430	02705		SILT TRAP TYPE C	39.00	EACH		\$	
0440	02706		CLEAN SILT TRAP TYPE A	39.00	EACH		\$	
0450	02707		CLEAN SILT TRAP TYPE B	39.00	EACH		\$	
0460	02708		CLEAN SILT TRAP TYPE C	39.00	EACH		\$	
0470	02726		STAKING	1.00	LS		\$	
0480	03340		STEEL PIPE-2 1/2 IN	32.00	LF		\$	
0490	03343		STEEL PIPE-4 IN	30.00	LF		\$	
0500	05950		EROSION CONTROL BLANKET	53,821.00	SQYD		\$	
0510	05952		TEMP MULCH	91,705.00	SQYD		\$	
0520	05953		TEMP SEEDING AND PROTECTION	68,776.00	SQYD		\$	
0530	05963		INITIAL FERTILIZER	7.00	TON		\$	
0540	05964		MAINTENANCE FERTILIZER	4.00	TON		\$	
0550	05985		SEEDING AND PROTECTION	81,459.00	SQYD		\$	
0560	05989		SPECIAL SEEDING CROWN VETCH	44,780.00	SQYD		\$	
0570	05992		AGRICULTURAL LIMESTONE	84.00	TON		\$	
0580	06510		PAVE STRIPING-TEMP PAINT-4 IN	59,706.00	LF		\$	
0590	06514		PAVE STRIPING-PERM PAINT-4 IN	1,060.00	LF		\$	
0600	06542		PAVE STRIPING-THERMO-6 IN W	13,095.00	LF		\$	
0610	06543		PAVE STRIPING-THERMO-6 IN Y	11,950.00	LF		\$	
0620	06546		PAVE STRIPING-THERMO-12 IN W	321.00	LF		\$	
0630	06556		PAVE STRIPING-DUR TY 1-6 IN W	471.00	LF		\$	
0640	06557		PAVE STRIPING-DUR TY 1-6 IN Y	471.00	LF		\$	
0650	06568		PAVE MARKING-THERMO STOP BAR-24IN	156.00	LF		\$	
0660	06569		PAVE MARKING-THERMO CROSS-HATCH	740.00	SQFT		\$	
0670	06574		PAVE MARKING-THERMO CURV ARROW	8.00	EACH		\$	
0680	10020NS		FUEL ADJUSTMENT	49,304.00	DOLL	\$1.00	\$	\$49,304.00
0690	10030NS		ASPHALT ADJUSTMENT	38,255.00	DOLL	\$1.00	\$	\$38,255.00
0700	15094		S MANHOLE ADJUST TO GRADE	2.00	EACH		\$	
0710	20071EC		JOINT ADHESIVE	9,003.00	LF		\$	
0720	20191ED		OBJECT MARKER TY 3	4.00	EACH		\$	
0730	20430ED		SAW CUT	1,790.00	LF		\$	
0740	20911ED		HIGH SLUMP 3000 PSI GROUT	84.00	CUYD		\$	
0750	21289ED		LONGITUDINAL EDGE KEY	1,790.00	LF		\$	
0760	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	650.00	LF		\$	
0770	22941ND		CLEAN MODIFIED SILT TRAP	5.00	EACH		\$	
0780	24679ED		PAVE MARK THERMO CHEVRON	206.00	SQFT		\$	
0790	24814EC		PIPELINE INSPECTION	324.00	LF		\$	
0800	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	00440		ENTRANCE PIPE-15 IN	121.00	LF		\$	
0820	00441		ENTRANCE PIPE-18 IN	127.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0830	00462		CULVERT PIPE-18 IN	214.00	LF		\$	
0840	00464		CULVERT PIPE-24 IN	259.00	LF		\$	
0850	00466		CULVERT PIPE-30 IN	283.00	LF		\$	
0860	00468		CULVERT PIPE-36 IN	48.00	LF		\$	
0870	00526		STORM SEWER PIPE-30 IN	54.00	LF		\$	
0880	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
0890	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		\$	
0900	01310		REMOVE PIPE	4.00	LF		\$	
0910	01395		METAL END SECTION TY 3-36 IN	5.00	EACH		\$	
0920	01450		S & F BOX INLET-OUTLET-18 IN	5.00	EACH		\$	
0930	01451		S & F BOX INLET-OUTLET-24 IN	4.00	EACH		\$	
0940	01452		S & F BOX INLET-OUTLET-30 IN	6.00	EACH		\$	
0950	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
0960	01496		DROP BOX INLET TYPE 3	2.00	EACH		\$	
0970	01655		REMOVE JUNCTION BOX	1.00	EACH		\$	
0980	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0990	01757		MANHOLE TYPE A MOD	1.00	EACH		\$	
1000	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,490.00	SQYD	\$2.00	\$	\$2,980.00
1010	02625		REMOVE HEADWALL	2.00	EACH		\$	
1020	02690		SAFELOADING	2.60	CUYD		\$	
1030	08100		CONCRETE-CLASS A	1.07	CUYD		\$	
1040	23044NS710		SAFETY BOX INLET-36 IN SDB-1 (MODIFIED)	1.00	EACH		\$	

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	02231		STRUCTURE GRANULAR BACKFILL	696.00	CUYD		\$	
1060	02274		FENCE-6 FT CHAIN LINK	304.50	LF		\$	
1070	03299		ARMORED EDGE FOR CONCRETE	80.00	LF		\$	
1080	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1090	08020		CRUSHED AGGREGATE SLOPE PROT	1,093.00	TON		\$	
1100	08033		TEST PILES	70.00	LF		\$	
1110	08051		PILES-STEEL HP14X89	535.00	LF		\$	
1120	08095		PILE POINTS-14 IN	20.00	EACH		\$	
1130	08100		CONCRETE-CLASS A	161.10	CUYD		\$	
1140	08104		CONCRETE-CLASS AA	398.10	CUYD		\$	
1150	08150		STEEL REINFORCEMENT	14,316.00	LB		\$	
1160	08151		STEEL REINFORCEMENT-EPOXY COATED	108,153.00	LB		\$	
1170	08636		PRECAST PC I BEAM TYPE 5	1,396.00	LF		\$	
1180	20637ED		DRILLED SHAFT-ROCK 48 IN	40.00	LF		\$	
1190	20745ED		ROCK SOUNDINGS	22.00	LF		\$	
1200	20746ED		ROCK CORINGS	88.00	LF		\$	
1210	22417EN		DRILLED SHAFT-54 IN-COMMON	21.00	LF		\$	
1220	23378EC		CONCRETE SEALING	20,377.00	SQFT		\$	
1230	23813EC		DECK DRAIN	4.00	EACH		\$	
1240	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	471.00	LF		\$	

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Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1250	02568		MOBILIZATION	1.00	LS		\$	
1260	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

① EARTHWORK QUANTITIES ARE APPROXIMATE & FOR ESTIMATION PURPOSES ONLY. SEE CROSS SECTION SHEET X52 FOR SUMMARY OF VOLUMES.

ITEM	DESCRIPTION	UNIT	MAINLINE	APPROACH & ENTRANCES	TOTAL PROJECT
00078	CRUSHED AGGREGATE SIZE NO 2	TON	33	2	35
01000	PERFORATED PIPE-4 INCH	LF	332		332
01010	NON-PERFORATED PIPE - 4 INCH	LF	84		84
01024	PERF PIPE HEADWALL TY 2 - 4 INCH	EACH	3		3
01032	PERF PIPE HEADWALL TY 4 - 4 INCH	EACH	4		4
02200	ROADWAY EXCAVATION	CUYD	194,125	30,745	224,870
02242	WATER	M GAL	38		38
02429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	60		60
02432	WITNESS POST	EACH	3		3
02483	CHANNEL LINING CLASS II	TON	378	1,597	1,975
02488	CHANNEL LINING CLASS IV	CUYD	1,277	519	1,796
02545	CLEARING AND GRUBBING	LS	1		1
02562	TEMPORARY SIGNS	SF	400		400
02568	MOBILIZATION	LS	1		1
02569	DEMOBILIZATION	LS	1		1
02585	EDGE KEY	LF	-	80	80
02603	GEOTEXTILE FABRIC TYPE CLASS 2	SQ YD	650	355	1,005
02607	FABRIC-GEOTEXTILE TYPE CLASS 2 FOR PIPES	SQ YD	1,739		1,739
02650	MAINTAIN & CONTROL TRAFFIC	LS	1		1
02701	TEMP SILT FENCE	LF	3,876		3,876
02703	SILT TRAP TYPE A	EACH	39		39
02704	SILT TRAP TYPE B	EACH	39		39
02705	SILT TRAP TYPE C	EACH	39		39
02706	CLEAN SILT TRAP TYPE A	EACH	39		39
02707	CLEAN SILT TRAP TYPE B	EACH	39		39
02708	CLEAN SILT TRAP TYPE C	EACH	39		39
22941ND	CLEAN MODIFIED SILT TRAP	EACH	4	1	5
02726	STAKING	LS	1		1
05950	EROSION CONTROL BLANKET	SQ YD	53,821		53,821
05989	SPECIAL SEEDING CROWN VETCH	SQ YD	44,780		44,780
05952	TEMP MULCH	SQ YD	91,705		91,705
05953	TEMP SEEDING AND PROTECTION	SQ YD	68,776		68,776
05963	INITIAL FERTILIZER	TON	7		7
05964	MAINTENANCE FERTILIZER	TON	4		4
05985	SEEDING AND PROTECTION	SQ YD	81,459		81,459
05992	AGRICULTURAL LIMESTONE	TON	84		84
02484	CHANNEL LINING CLASS III	TON	320	469	789
02602	FABRIC-GEOTEXTILE CLASS I (DITCHES)	SQ YD	2,934	2,987	5,921
06510	PAVE STRIPING - TEMP PAINT - 4 IN	LF	59,706		59,706
02014	BARRICADE-TYPE III	EACH	4		4
02159	TEMP DITCH	LF	3,701		3,701
02160	CLEAN TEMP DITCH	LF	1,850		1,850
21802EN	G/A STEEL W BEAM-S FACE (7 FT POST)	LF	550	100	650
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	4	2	6

ITEM	DESCRIPTION	UNIT	MAINLINE	APPROACH & ENTRANCES	TOTAL PROJECT
06556	PAVE STRIPING-DUR TY 1-6 IN W	LF	471		471
06557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	471		471
06568	PAVE MARKING - THERMO STOP BAR - 24 IN	LF	58	98	156
10020NS	FUEL ADJUSTMENT	DOLLARS			49,304
10030NS	ASPHALT ADJUSTMENT	DOLLARS			38,255
20430ED	SAW CUT	LF	-	1,790	1,790
21289ED	LONGITUDINAL EDGE KEY	LF	-	1,790	1,790
20071EC	JOINT ADHESIVE	LF	4,387	4,616	9,003
24814EC	PIPELINE INSPECTION	LF	324		324
25078ED	THREE-BEAM GUARDRAIL TRANSITION, TL-3	EACH	4		4
15094	S MANHOLE ADJUST TO GRADE	EACH	2		2
20191ED	OBJECT MARKER TY 3	EACH	4		4
01987	DELINEATOR FOR GUARDRAIL B/W	EACH	16		16
02692	SETTLEMENT PLATFORM	EACH	1		1
03340	STEEL PIPE 2 1/2"	LF	32		32
03343	STEEL PIPE 4"	LF	30		30
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4		4
00020	TRAFFIC BOUND BASE	TON			750
01990	DELINEATOR FOR BARRIER WALL-B/W	EACH	6		6
06542	PAVE STRIPING-THERMO 6" W	LF	8,535	4,560	13,095
06543	PAVE STRIPING-THERMO 6" Y	LF	8,014	3,936	11,950
06546	PAVE STRIPING-THERMO 12-INCH	LF	190	131	321
06569	PAVE MARKING-THERMO CROSS-HATCH	SQ FT	-	740	740
06574	PAVE MARKING-THERMO CURV ARROWS	EACH	4		4
24679ED	PAVE MARK THERMO CHEVRON	SQ FT	127	79	206
06514	PAVE STRIPING-PERM PAINT 4-INCH	LF		1,060	1,060
20911EC	HIGH SLUMP 3000 PSI GROUT	CY	14	70	84
02165	REMOVE PAVED DITCH	SY		182	182

PROJECT EARTHWORK TOTALS (CU YD)

EXCAVATION:

COMMON 151,848
SR 59,160
FDN EMB BENCH 2,525
TRANSVERSE BENCH 11,337
TOTAL EXCAVATION= 224,870 CU YD

EMBANKMENT:

EMBANKMENT 118,597
FDN EMB BENCH (REFILL) 2,525
TRANSV. BENCH (REFILL) 11,337
TOTAL EMBANKMENT= 132,459 CU YD

- ② FOR MOT DUST CONTROL
- ③ INCLUDES TOTALS FROM PERF. PIPE EDGE DRAIN SUMMARY ON SHEET R02E
- ④ INCLUDES 7 TONS FOR PERF PIPE HEADWALLS AND 28 TONS FOR DRAINAGE BASINS
- ⑤ INCLUDES AMOUNT FOR DRAINAGE BASINS
- ⑥ INCLUDES QUANTITIES FROM GRASS SWELL USED IN DRAINAGE BASINS
- ⑦ USED TO MAINTAIN ACCESS TO PROPERTIES AT THE ENGINEERS DISCRETION
- ⑧ ESTIMATED AT 20% OF THE TOP 1 FOOT DEPTH OF CHANNEL LINING
- ⑨ INCLUDES 2,525 CU YD FOR EMBANKMENT BENCHING
- ⑩ INCLUDES 11,337 CU YD FOR TRANSVERSE BENCHING
- ⑪ APPROX. 39 ACRES
- ⑫ QUANTITY TO BE USED FOR RIPRAP



GENERAL SUMMARY

① EARTHWORK QUANTITIES ARE APPROXIMATE & FOR ESTIMATION PURPOSES ONLY. SEE CROSS SECTION SHEET X52 FOR SUMMARY OF VOLUMES.

ITEM	DESCRIPTION	UNIT	MAINLINE	APPROACHES & ENTRANCES	TOTAL PROJECT
00078	CRUSHED AGGREGATE SIZE NO 2	TON	33	2	35
01000	PERFORATED PIPE-4 INCH	LF	332		332
01010	NON-PERFORATED PIPE - 4 INCH	LF	84		84
01024	PERF PIPE HEADWALL TY 2 - 4 INCH	EACH	3		3
01032	PERF PIPE HEADWALL TY 4 - 4 INCH	EACH	4		4
02200	ROADWAY EXCAVATION	CUYD	194,125	30,745	224,870
02242	WATER	M GAL	38		38
02429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	60		60
02432	WITNESS POST	EACH	3		3
02483	CHANNEL LINING CLASS II	TON	378	1,597	1,975
02488	CHANNEL LINING CLASS IV	CUYD	1,277	519	1,796
02545	CLEARING AND GRUBBING	LS	1		1
02562	TEMPORARY SIGNS	SF	400		400
02568	MOBILIZATION	LS	1		1
02569	DEMOBILIZATION	LS	1		1
02585	EDGE KEY	LF	-	80	80
02603	GEOTEXTILE FABRIC TYPE CLASS 2	SQ YD	650	355	1,005
02607	FABRIC-GEOTEXTILE TYPE CLASS 2 FOR PIPES	SQ YD	1,739		1,739
02650	MAINTAIN & CONTROL TRAFFIC	LS	1		1
02701	TEMP SILT FENCE	LF	3,876		3,876
02703	SILT TRAP TYPE A	EACH	39		39
02704	SILT TRAP TYPE B	EACH	39		39
02705	SILT TRAP TYPE C	EACH	39		39
02706	CLEAN SILT TRAP TYPE A	EACH	39		39
02707	CLEAN SILT TRAP TYPE B	EACH	39		39
02708	CLEAN SILT TRAP TYPE C	EACH	39		39
22941ND	CLEAN MODIFIED SILT TRAP	EACH	4	1	5
02726	STAKING	LS	1		1
05950	EROSION CONTROL BLANKET	SQ YD	53,821		53,821
05989	SPECIAL SEEDING CROWN VETCH	SQ YD	44,780		44,780
05952	TEMP MULCH	SQ YD	91,705		91,705
05953	TEMP SEEDING AND PROTECTION	SQ YD	68,776		68,776
05963	INITIAL FERTILIZER	TON	7		7
05964	MAINTENANCE FERTILIZER	TON	4		4
05985	SEEDING AND PROTECTION	SQ YD	81,459		81,459
05992	AGRICULTURAL LIMESTONE	TON	84		84
02484	CHANNEL LINING CLASS III	TON	320	469	789
02602	FABRIC-GEOTEXTILE CLASS I (DITCHES)	SQ YD	2,934	2,987	5,921
06510	PAVE STRIPING - TEMP PAINT - 4 IN	LF	59,706		59,706
02014	BARRICADE-TYPE III	EACH	4		4
02159	TEMP DITCH	LF	3,701		3,701
02160	CLEAN TEMP DITCH	LF	1,850		1,850
21802EN	G/A STEEL W BEAM-S FACE (7 FT POST)	LF	550	100	650
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	4	2	6

ITEM	DESCRIPTION	UNIT	MAINLINE	APPROACHES & ENTRANCES	TOTAL PROJECT
06556	PAVE STRIPING-DUR TY 1-6 IN W	LF	471		471
06557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	471		471
06568	PAVE MARKING - THERMO STOP BAR - 24 IN	LF	58	98	156
10020NS	FUEL ADJUSTMENT	DOLLARS			49,304
10030NS	ASPHALT ADJUSTMENT	DOLLARS			38,255
20430ED	SAW CUT	LF	-	1,790	1,790
21289ED	LONGITUDINAL EDGE KEY	LF	-	1,790	1,790
20071EC	JOINT ADHESIVE	LF	4,387	4,616	9,003
24814EC	PIPELINE INSPECTION	LF	324		324
25078ED	THREE-BEAM GUARDRAIL TRANSITION, TL-3	EACH	4		4
15094	S MANHOLE ADJUST TO GRADE	EACH	2		2
20191ED	OBJECT MARKER TY 3	EACH	4		4
01987	DELINEATOR FOR GUARDRAIL B/W	EACH	16		16
02692	SETTLEMENT PLATFORM	EACH	1		1
03340	STEEL PIPE 2 1/2"	LF	32		32
03343	STEEL PIPE 4"	LF	30		30
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4		4
00020	TRAFFIC BOUND BASE	TON			750
01990	DELINEATOR FOR BARRIER WALL-B/W	EACH	6		6
06542	PAVE STRIPING-THERMO 6" W	LF	8,535	4,560	13,095
06543	PAVE STRIPING-THERMO 6" Y	LF	8,014	3,936	11,950
06546	PAVE STRIPING-THERMO 12-INCH	LF	190	131	321
06569	PAVE MARKING-THERMO CROSS-HATCH	SQ FT	-	740	740
06574	PAVE MARKING-THERMO CURV ARROWS	EACH	4		4
24679ED	PAVE MARK THERMO CHEVRON	SQ FT	127	79	206
06514	PAVE STRIPING-PERMI PAINT 4-INCH	LF		1,060	1,060
20911EC	HIGH SLUMP 3000 PSI GROUT	CY	14	70	84
02165	REMOVE PAVED DITCH	SY		182	182

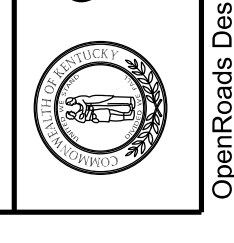
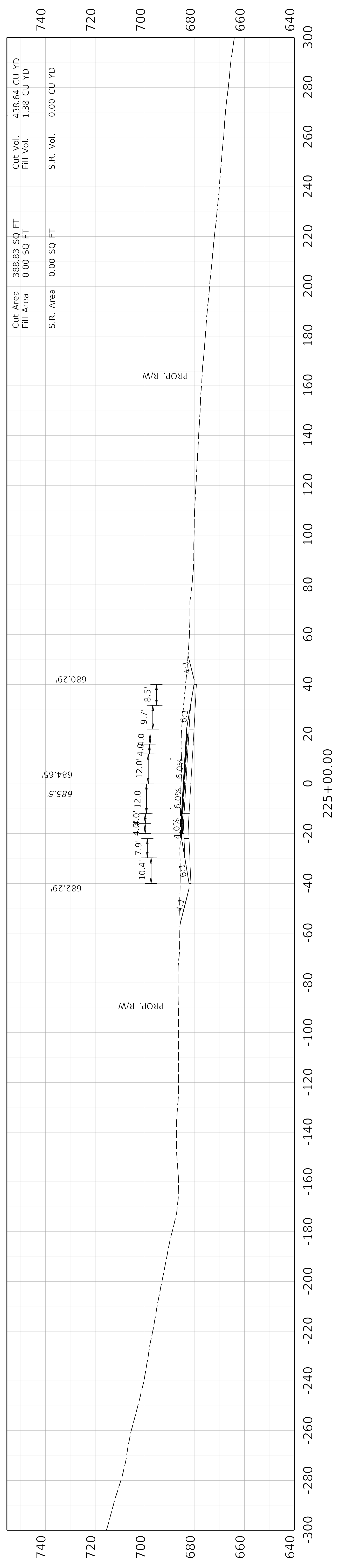
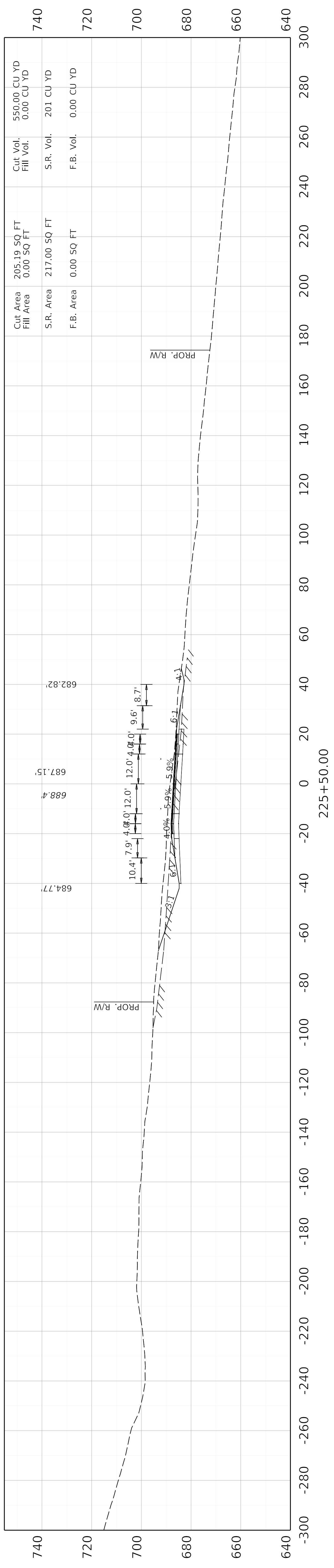
PROJECT EARTHWORK TOTALS (CU YD)

EXCAVATION:
COMMON 151,848
SR 59,160
FDN EMB BENCH 2,525
TRANSVERSE BENCH 11,337
TOTAL EXCAVATION= 224,870 CU YD

EMBANKMENT:
EMBANKMENT 118,597
FDN EMB BENCH (REFILL) 2,525
TRANSV. BENCH (REFILL) 11,337
TOTAL EMBANKMENT= 132,459 CU YD

- ② FOR MOT DUST CONTROL
- ③ INCLUDES TOTALS FROM PERF. PIPE EDGE DRAIN SUMMARY ON SHEET R02E
- ④ INCLUDES 7 TONS FOR PERF PIPE HEADWALLS AND 28 TONS FOR DRAINAGE BASINS
- ⑤ INCLUDES AMOUNT FOR DRAINAGE BASINS
- ⑥ INCLUDES QUANTITIES FROM GRASS SWELL USED IN DRAINAGE BASINS
- ⑦ USED TO MAINTAIN ACCESS TO PROPERTIES AT THE ENGINEERS DISCRETION
- ⑧ ESTIMATED AT 20% OF THE TOP 1 FOOT DEPTH OF CHANNEL LINING
- ⑨ INCLUDES 2,525 CU YD FOR EMBANKMENT BENCHING
- ⑩ INCLUDES 11,337 CU YD FOR TRANSVERSE BENCHING
- ⑪ APPROX. 39 ACRES
- ⑫ QUANTITY TO BE USED FOR RIPRAP



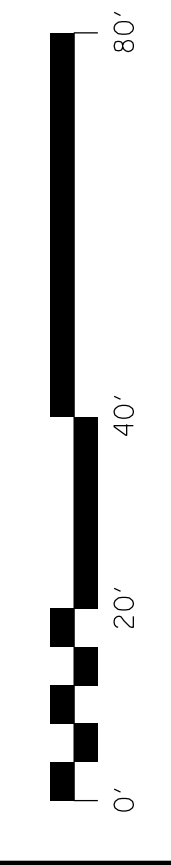


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutchinson

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

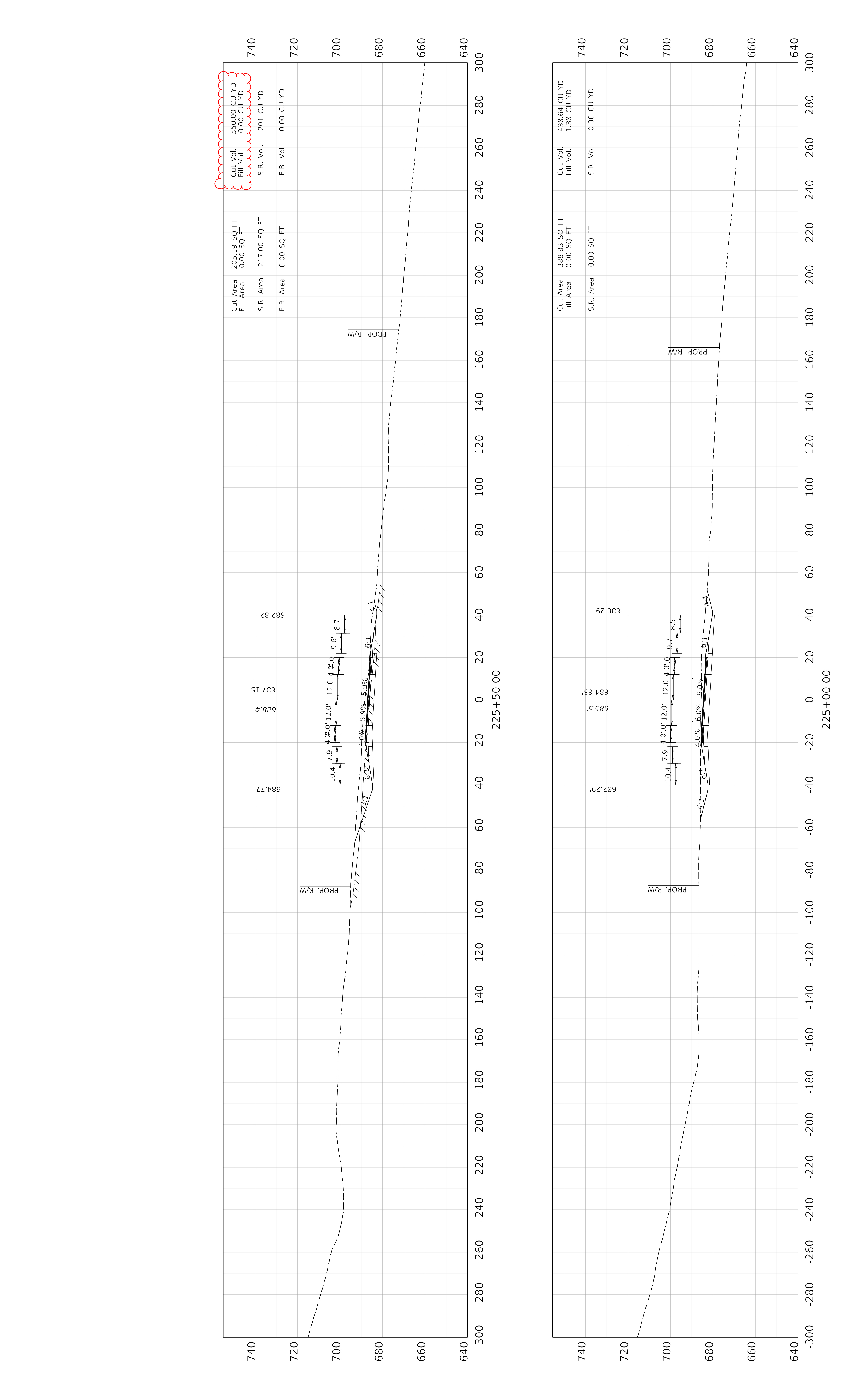
HORIZONTAL SCALE
SCALE: 1" = 20'

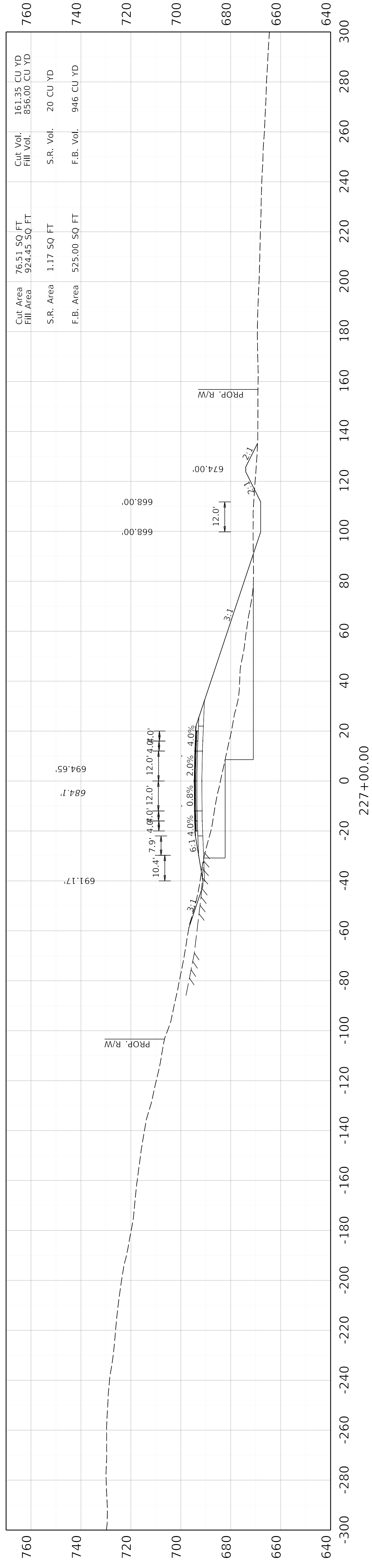
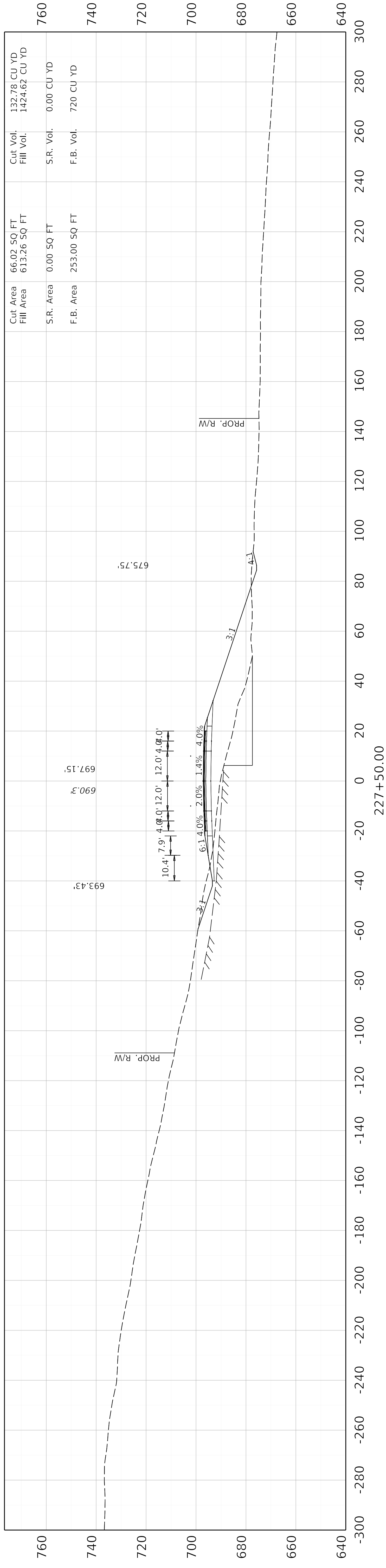


STA. 225+00 TO STA. 225+50

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X023

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_HORSECAVE\BYPASS_CROSS_SECTIONS.DGN



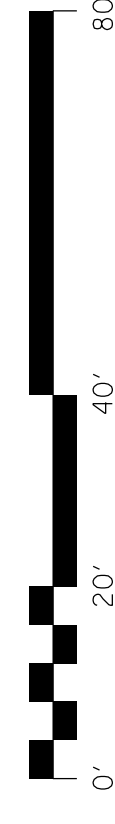


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutchinson

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

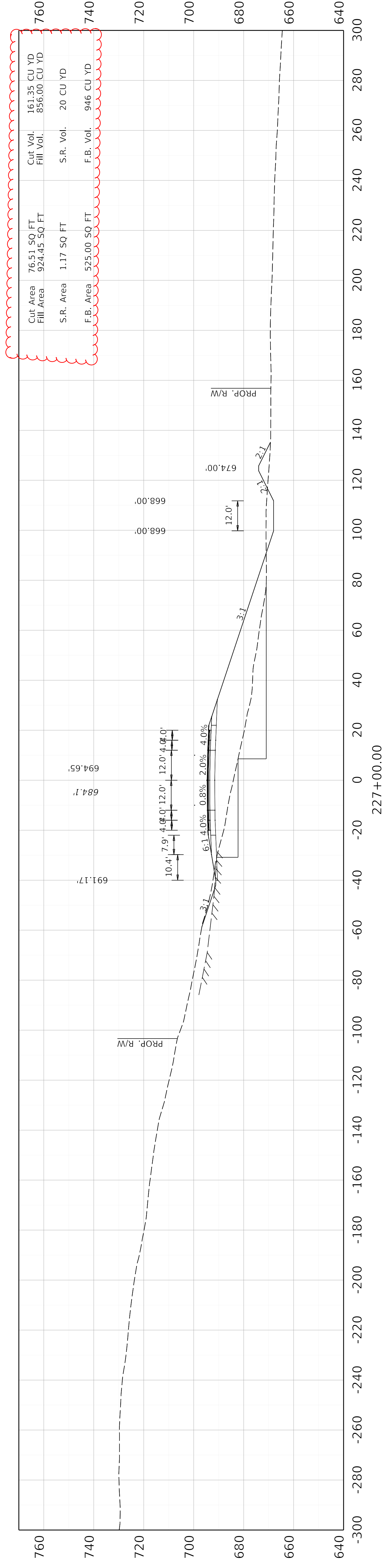
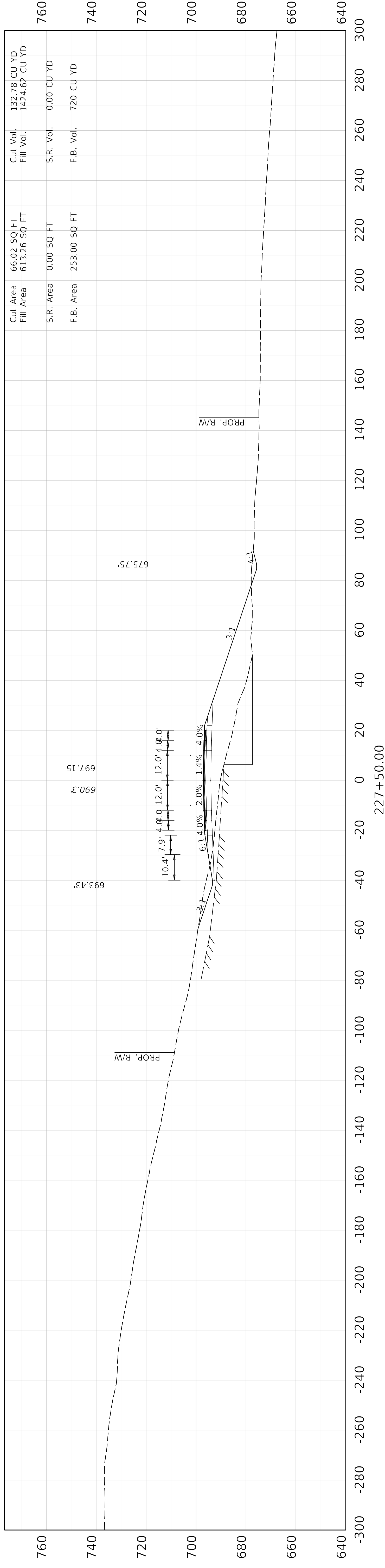
HORIZONTAL SCALE
SCALE: 1" = 20'

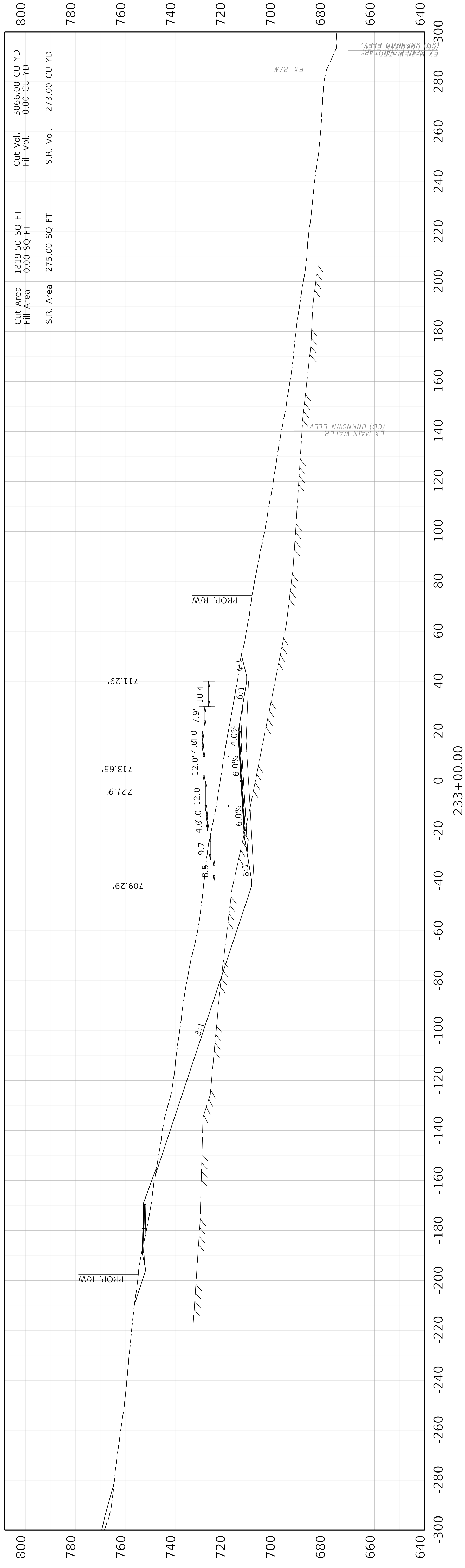


STA. 227+00 TO STA. 227+50

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X025

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSALS\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_HORSECAVE\BYPASS_CROSS_SECTIONS.DGN





Cut Area 1819.50 SQ FT
Fill Area 0.00 SQ FT

Cut Vol. 3066.00 CU YD
Fill Vol. 0.00 CU YD

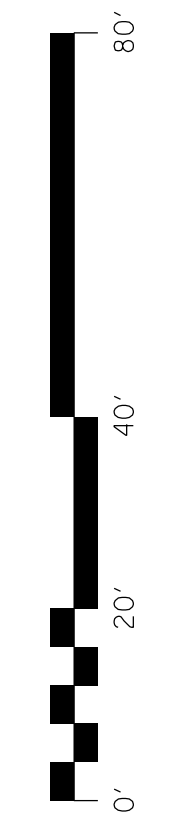
S.R. Area 275.00 SQ FT
S.R. Vol. 273.00 CU YD



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

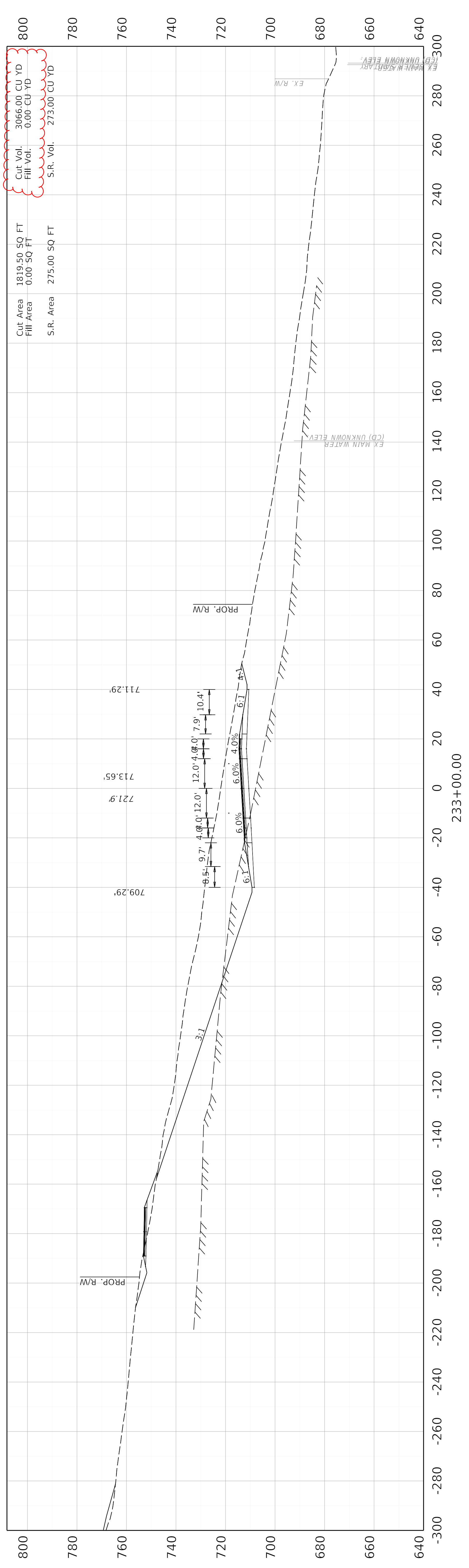
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'



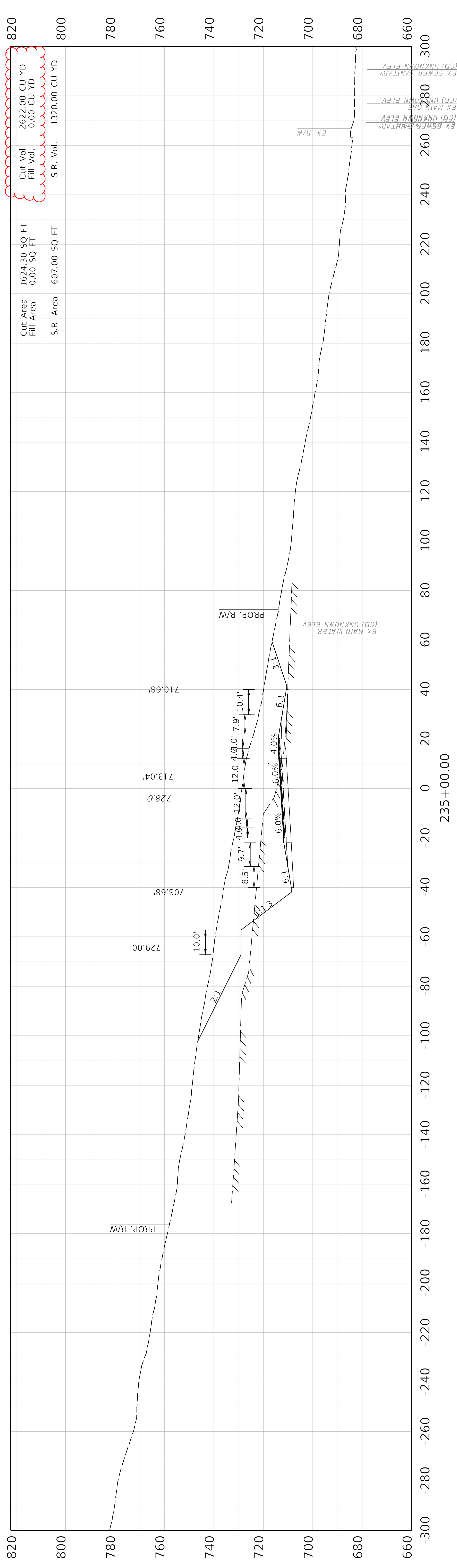
STA. 233+00 TO STA. 233+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X032



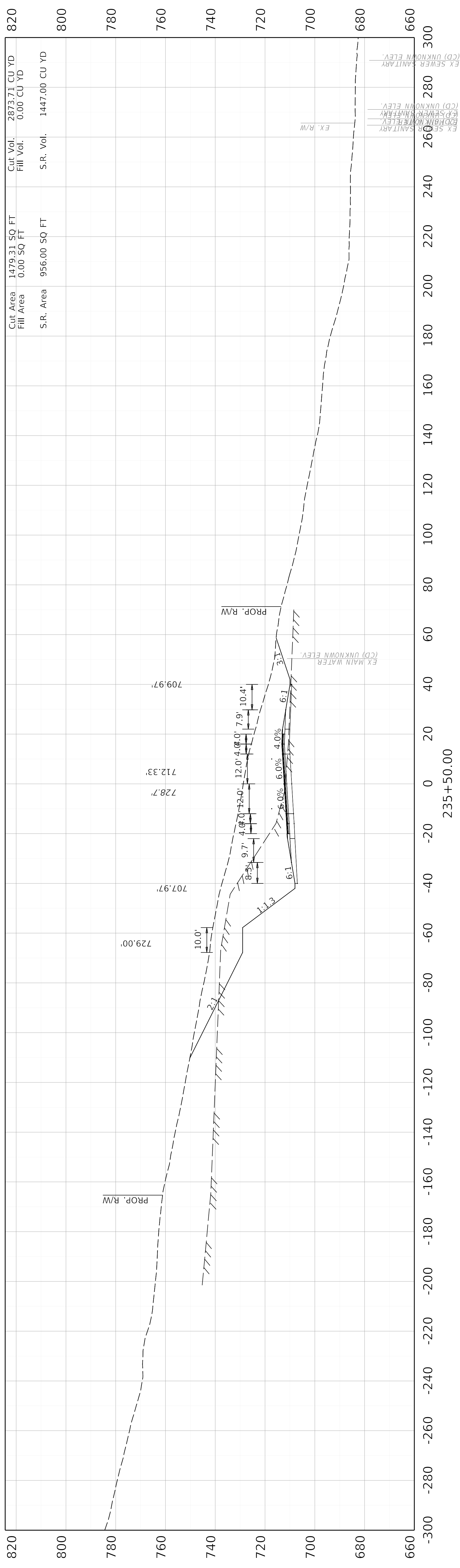
Cut Vol. 3066.00 CU YD
 Fill Vol. 0.00 CU YD
 S.R. Vol. 273.00 CU YD

Cut Area 1819.50 SQ FT
 Fill Area 0.00 SQ FT
 S.R. Area 275.00 SQ FT

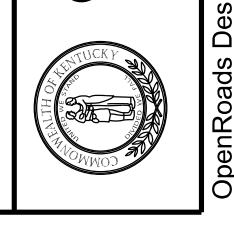
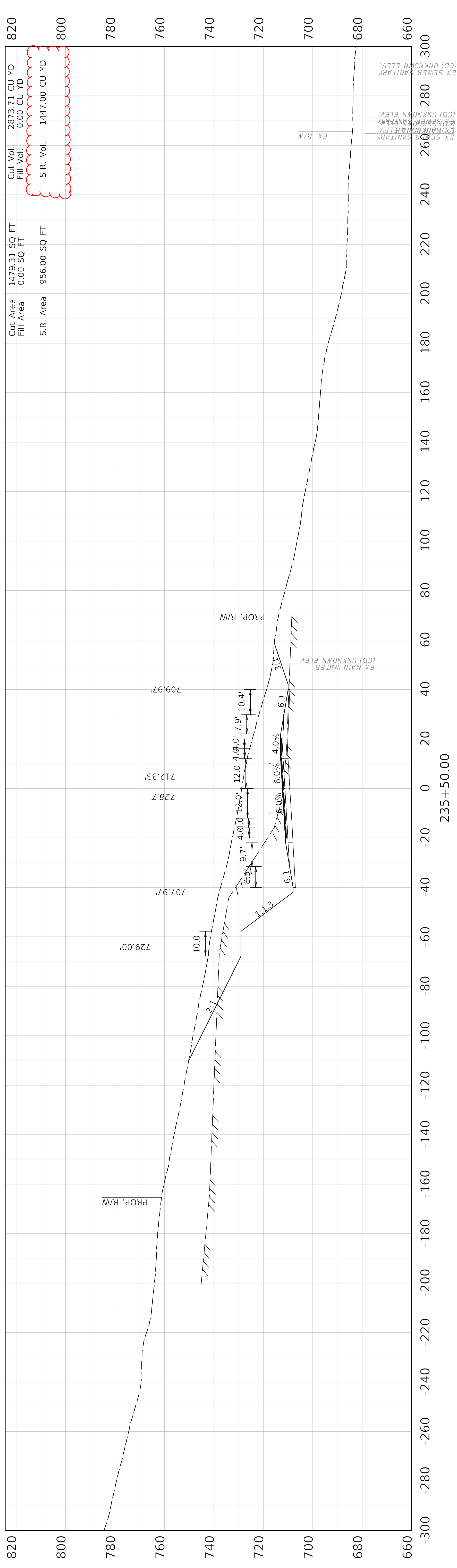


Cut Vol.	2622.00 CU YD
Fill Vol.	0.00 CU YD
S.R. Vol.	1320.00 CU YD

Cut Area	1624.30 SQ FT
Fill Area	0.00 SQ FT
S.R. Area	607.00 SQ FT



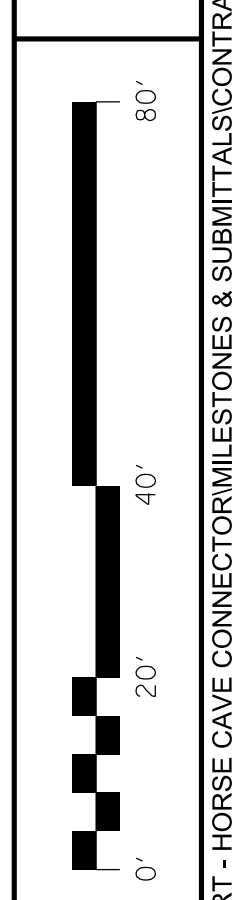
Station	Cut Area	Fill Area	1479.31 SQ FT	0.00 SQ FT	Cut Vol.	2873.71 CU YD	0.00 CU YD
	S.R. Area	S.R. Area	956.00 SQ FT		S.R. Vol.	1447.00 CU YD	



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 TEAM KENTUCKY
 TRANSPORTATION

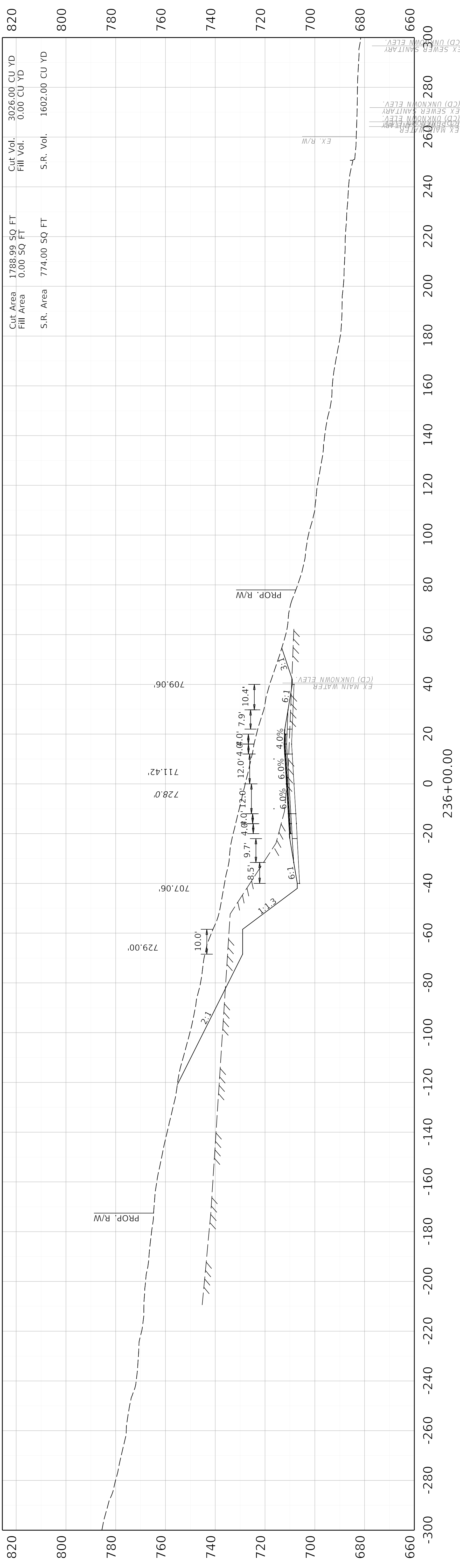
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 235+50 TO STA 235+50

ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X037



Station	Cut Area	Fill Area	S.R. Area	Cut Vol.	Fill Vol.	S.R. Vol.	Cut Vol. CU YD	Fill Vol. CU YD	S.R. Vol. CU YD
-300	1788.99 SQ FT	0.00 SQ FT	774.00 SQ FT	3026.00 CU YD	0.00 CU YD	1602.00 CU YD	3026.00	0.00	1602.00

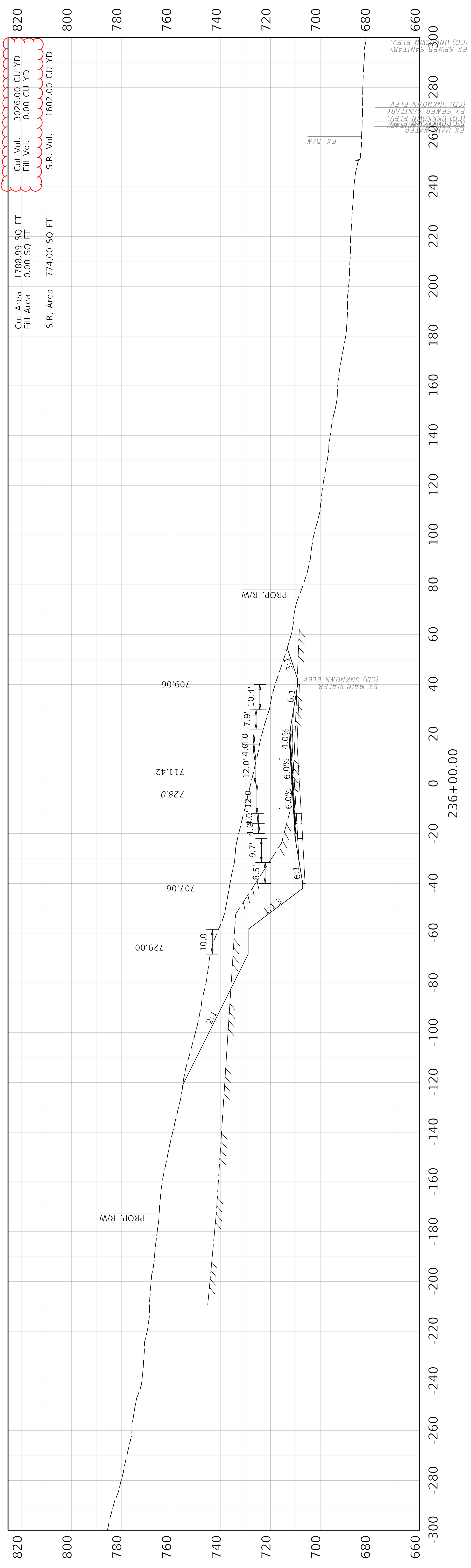
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

COUNTY OF HART
 ITEM NO. 04-441.00
 SHEET NO. X038

HORIZONTAL SCALE
 SCALE: 1" = 20'

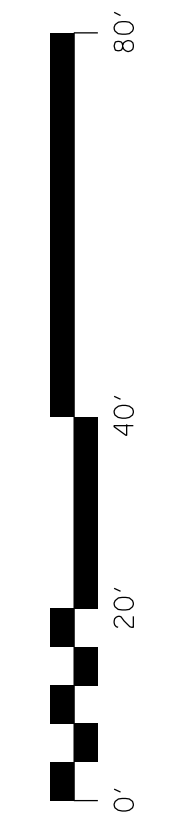
STA. 236+00 TO STA. 236+00
 FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR04-41.00 - HART - HORSE CAVE CONNECTOR MILESTONES & SUBMITTALS CONTRACT PLANS AND PROPOSAL ELECTRONIC ENGINEERING DATA SHEETS 04_41_00_HORSECAVEBYPASS_CROSS_SECTIONS.DGN
 USER: mhutchinson



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

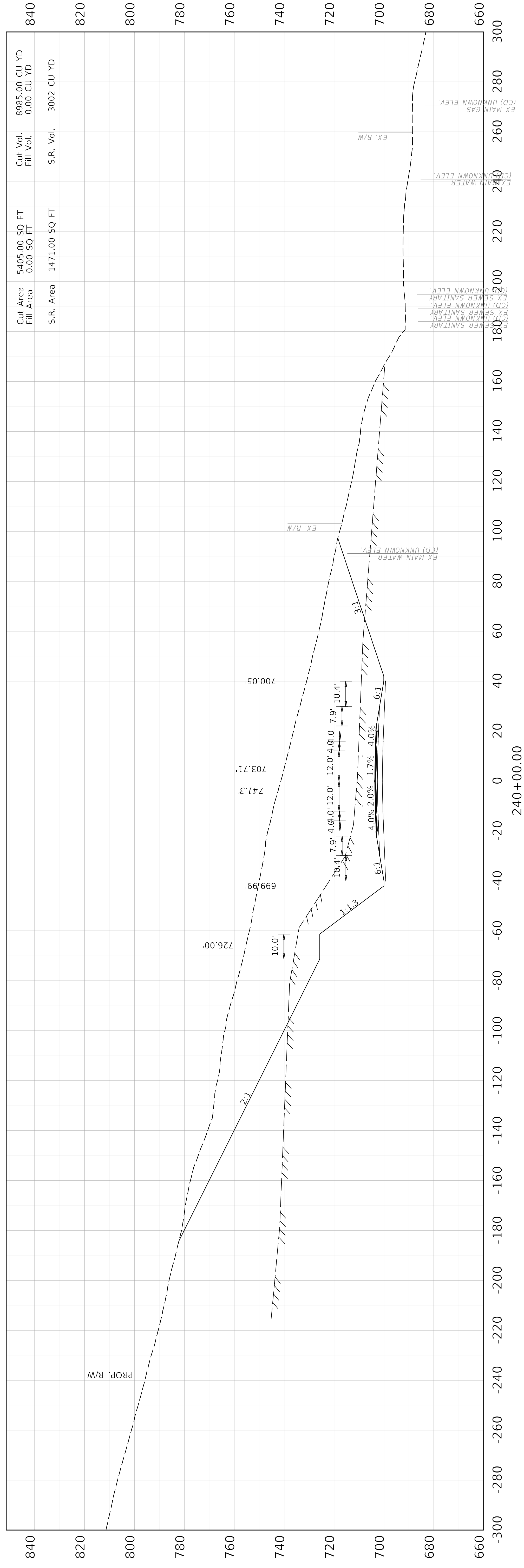
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 236+00 TO STA. 236+00

ITEM NO. 04-441.00
 COUNTY OF HART
 SHEET NO. X038



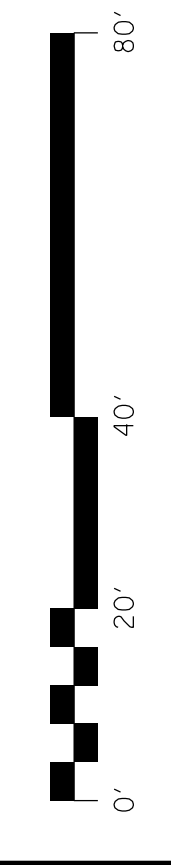
Cut Area	5405.00 SQ FT	8985.00 CU YD
Fill Area	0.00 SQ FT	0.00 CU YD
S.R. Area	1471.00 SQ FT	3002 CU YD



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

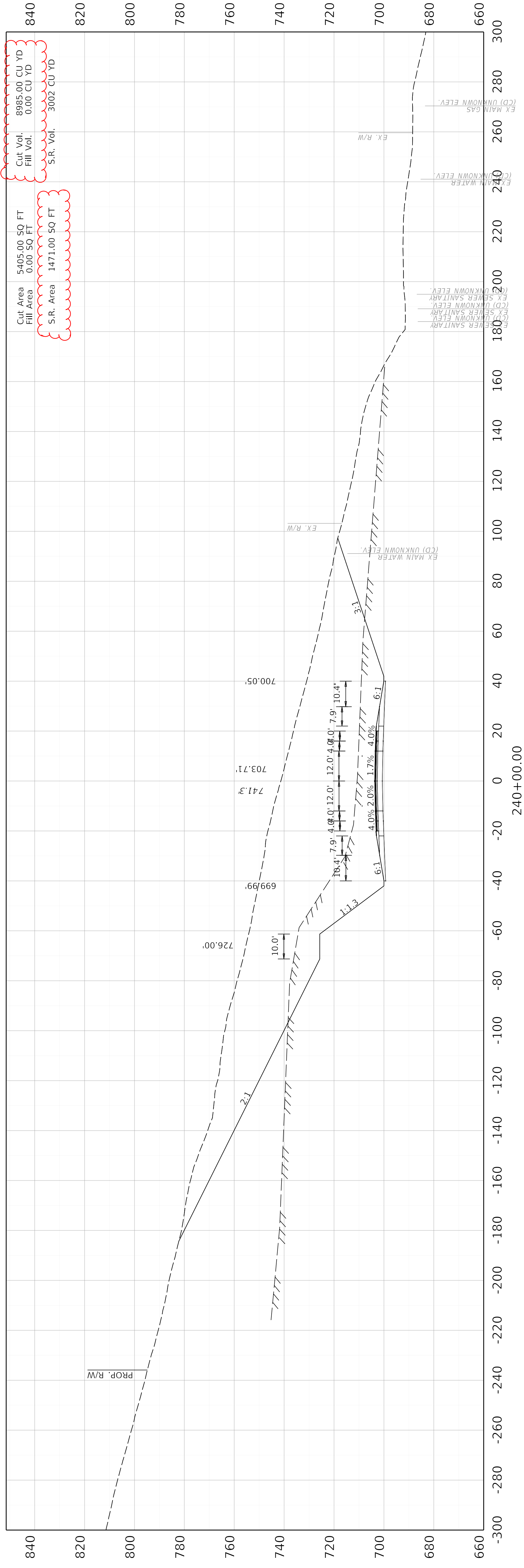
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 240+00 TO STA. 240+00

ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X046

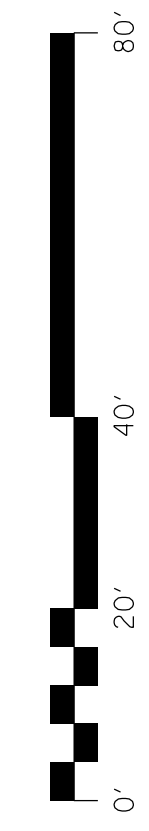


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutahinson

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

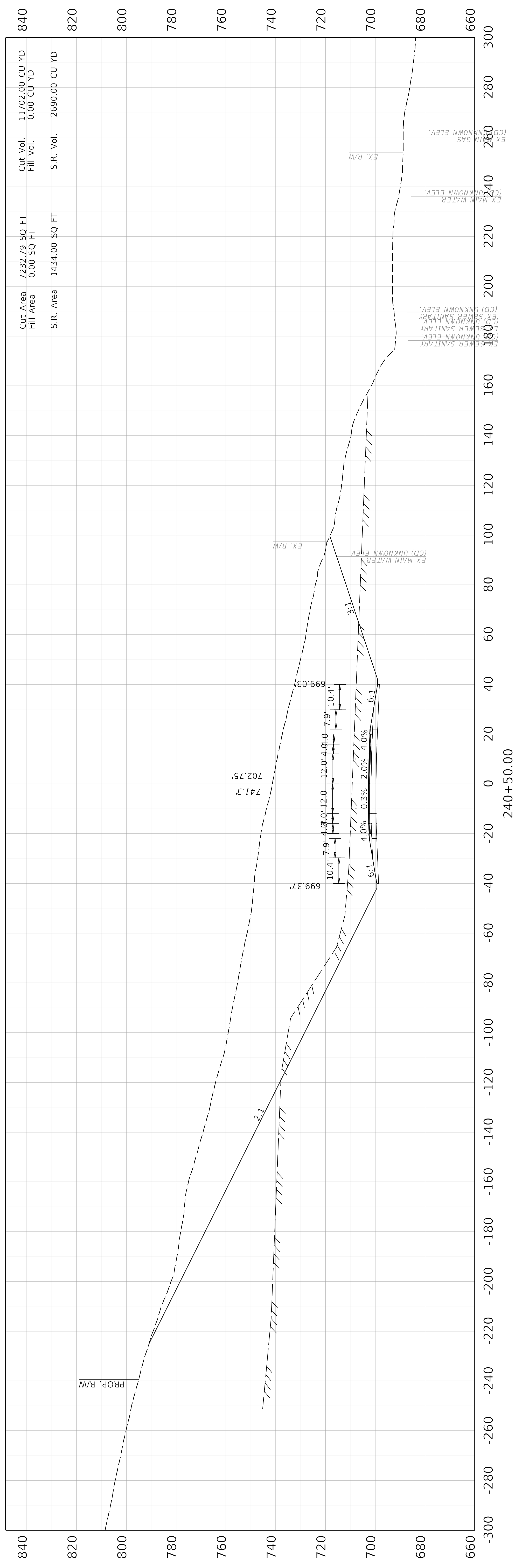
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 240+00 TO STA. 240+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X046

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_HORSECAVE\BYPASS_CROSS_SECTIONS.DGN



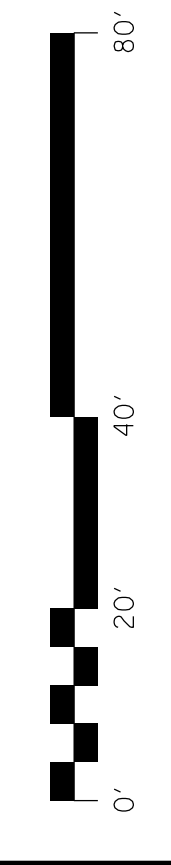
Cut Area	7237.79 SQ FT	Cut Vol.	11702.00 CU YD
Fill Area	0.00 SQ FT	Fill Vol.	0.00 CU YD
S.R. Area	1434.00 SQ FT	S.R. Vol.	2690.00 CU YD



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

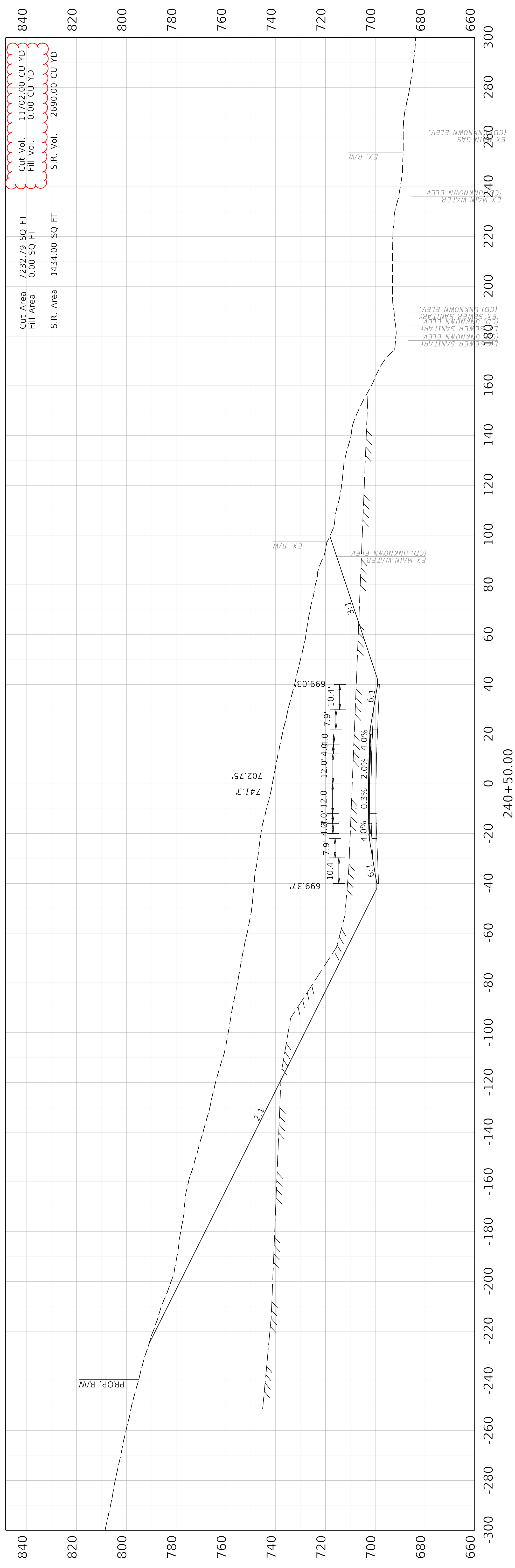
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 240+50 TO STA. 240+50

ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X047

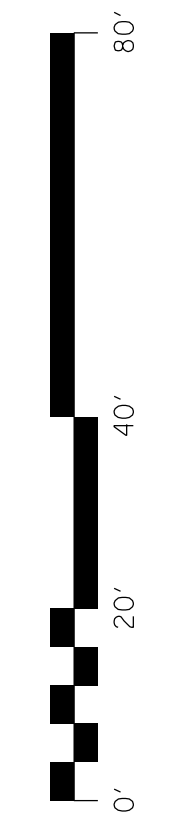


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutahinson

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 240+50 TO STA. 240+50

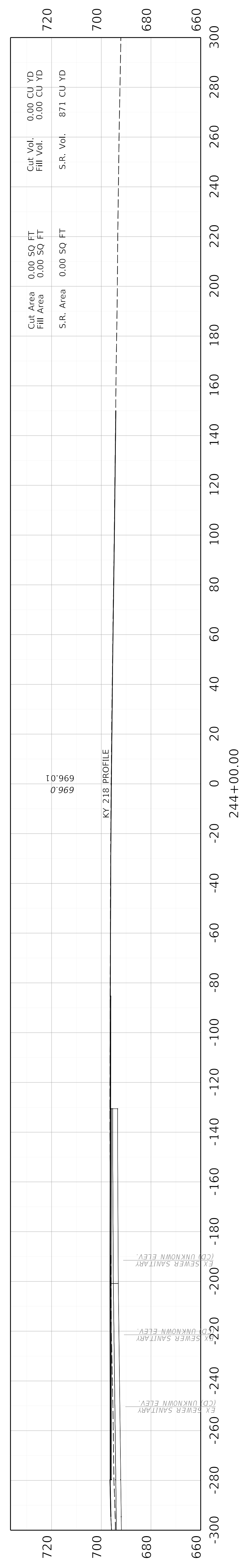
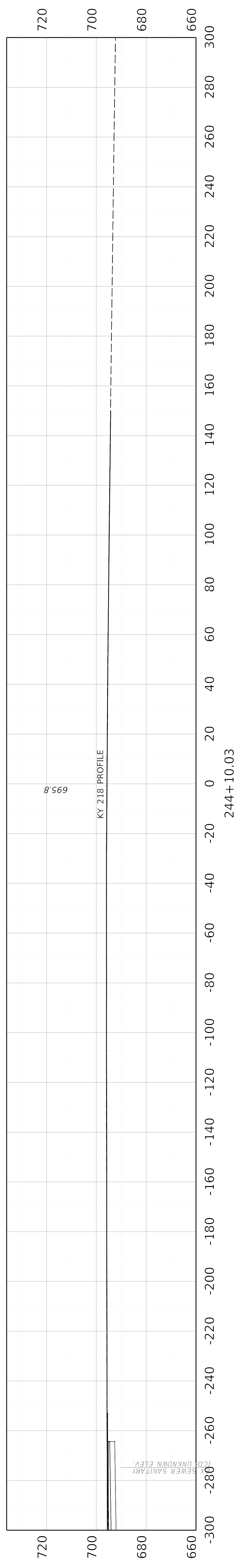
ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X047

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_HORSECAVE\BYPASS_CROSS_SECTIONS.DGN

	COM.	SR	EMB.	FB
TOTAL VOLUMES FOR PROJECT (CU. YD.)	151,848	59,160	118,597	2,525
TOTAL VOLUMES FOR KY 218 (CU. YD.)	3,735	12,602	58	0.00
TOTAL VOLUMES FOR ACCESS ROAD (CU. YD.)	8,917	0.00	357	0.00
TOTAL VOLUMES FOR SPLIT ENTRANCE & ENTRANCE @ 220+25 HORSE CAVE CONNECTOR (CU. YD.)	437	0.00	2,546	0.00
TOTAL VOLUMES FOR CHERRY STREET (CU. YD.)	1,543	0.00	1,565	0.00
TOTAL VOLUMES FOR US 31W (CU. YD.)	2,816	0.00	28	0.00
TOTAL VOLUMES FOR ENTR. 303+05 ACCESS RD (CU. YD.)	265	0.00	0.00	0.00
**TOTAL VOLUMES FOR SPECIAL DRAINAGE DITCH (CU. YD.)	430	000	0.00	0.00

TOTAL VOLUMES FOR HORSE CAVE CONNECTOR (CU. YD.) 133,705 46,558 114,043 2,525

**NOTE: THIS 2' F.B. DRAINAGE DITCH RT OF CHERRY STREET IS NOT SHOWN IN X-SECTIONS, SEE PLAN SHEET R04



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'

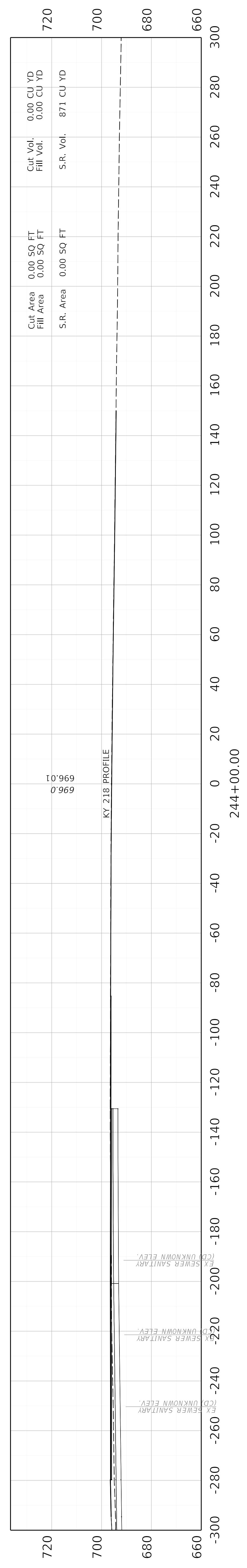
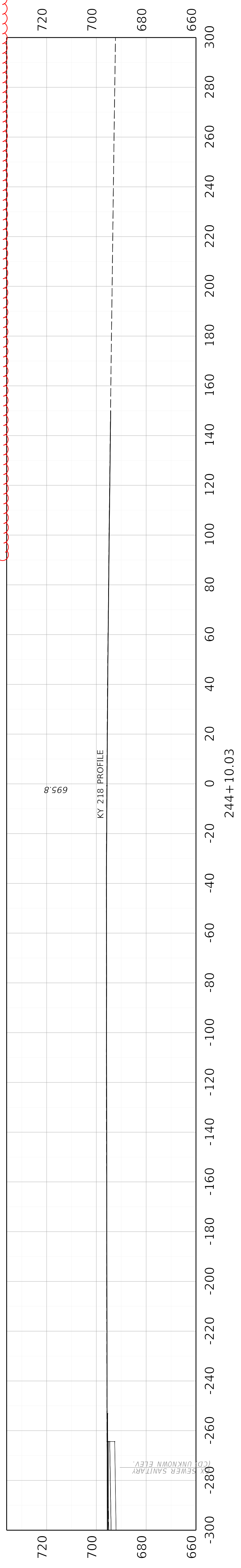
STA. 244+00 TO STA. 244+10.03

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X052

FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR 04-441.00 - HART - HORSE CAVE CONNECTOR MILESTONES & SUBMITTALS CONTRACT PLANS AND PROPOSAL ELECTRONIC ENGINEERING DATA SHEETS 04_41_00_HORSECAVEBYPASS_CROSS_SECTIONS.DGN
USER: mhutahinson
OpenRoads Designer v10.16.2.267

	COM.	SR	EMB.	FB
TOTAL VOLUMES FOR PROJECT (CU. YD.)	151,848	59,160	118,597	2,525
TOTAL VOLUMES FOR KY 218 (CU. YD.)	3,735	12,602	58	0.00
TOTAL VOLUMES FOR ACCESS ROAD (CU. YD.)	8,917	0.00	357	0.00
TOTAL VOLUMES FOR SPLIT ENTRANCE & ENTRANCE @ 220+25 HORSE CAVE CONNECTOR (CU. YD.)	437	0.00	2,546	0.00
TOTAL VOLUMES FOR CHERRY STREET (CU. YD.)	1,543	0.00	1,565	0.00
TOTAL VOLUMES FOR US 31W (CU. YD.)	2,816	0.00	28	0.00
TOTAL VOLUMES FOR ENTR. 303+05 ACCESS RD (CU. YD.)	265	0.00	0.00	0.00
**TOTAL VOLUMES FOR SPECIAL DRAINAGE DITCH (CU. YD.)	430	000	0.00	0.00
TOTAL VOLUMES FOR HORSE CAVE CONNECTOR (CU. YD.)	133,705	46,558	114,043	2,525

**NOTE: THIS 2' F.B. DRAINAGE DITCH RT OF CHERRY STREET IS NOT SHOWN IN X-SECTIONS, SEE PLAN SHEET R04



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

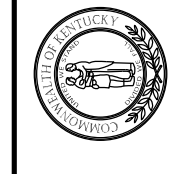
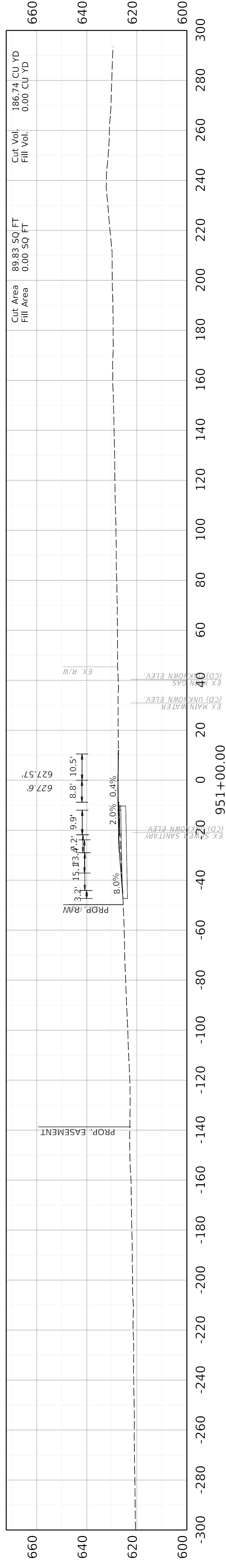
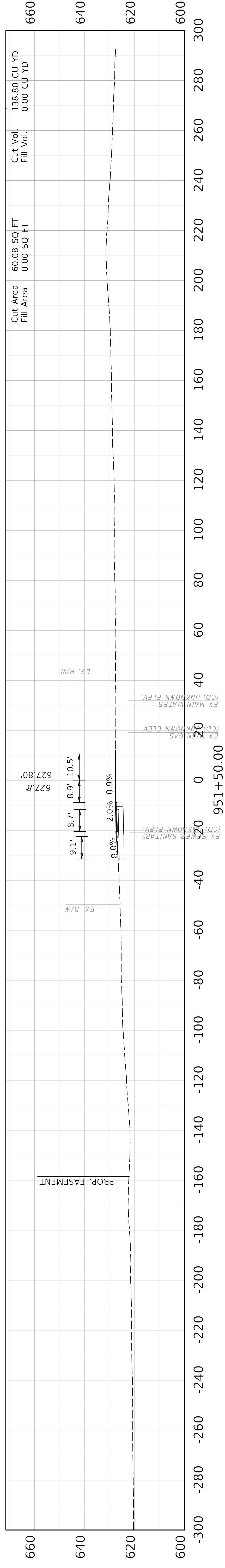
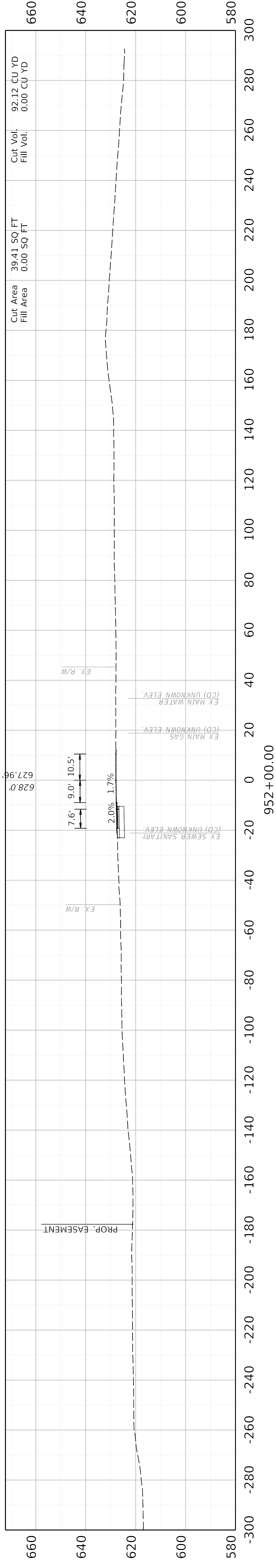
DRAWING TITLE: HORSE CAVE CONNECTOR CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'

STA. 244+00 TO STA. 244+10.03

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X052

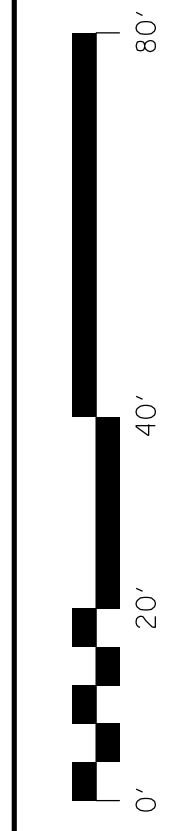
FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSALS\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_HORSECAVE\BYPASS_CROSS_SECTIONS.DGN
USER: mhutahinson
OpenRoads Designer v10.16.2.267



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

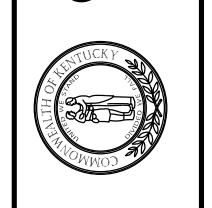
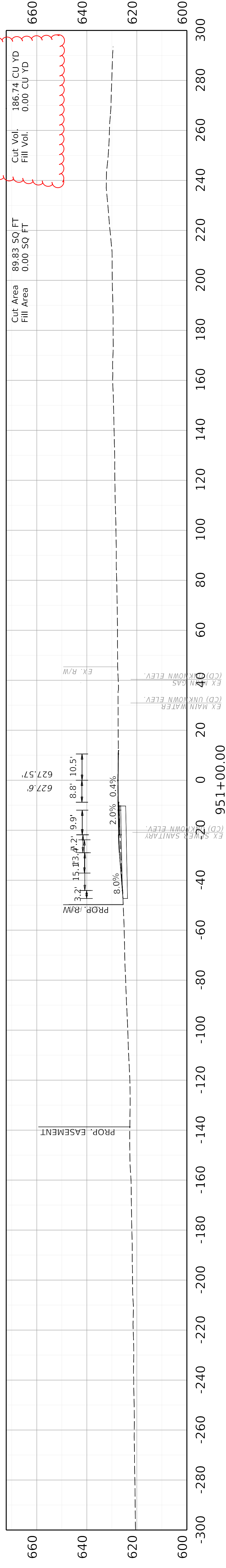
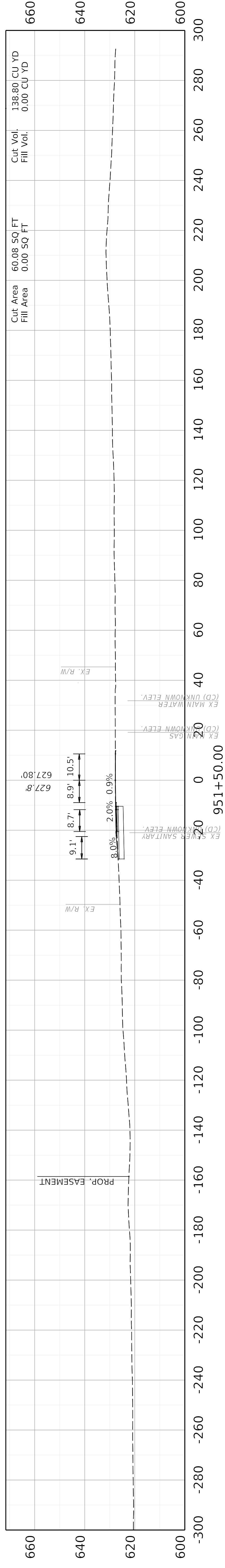
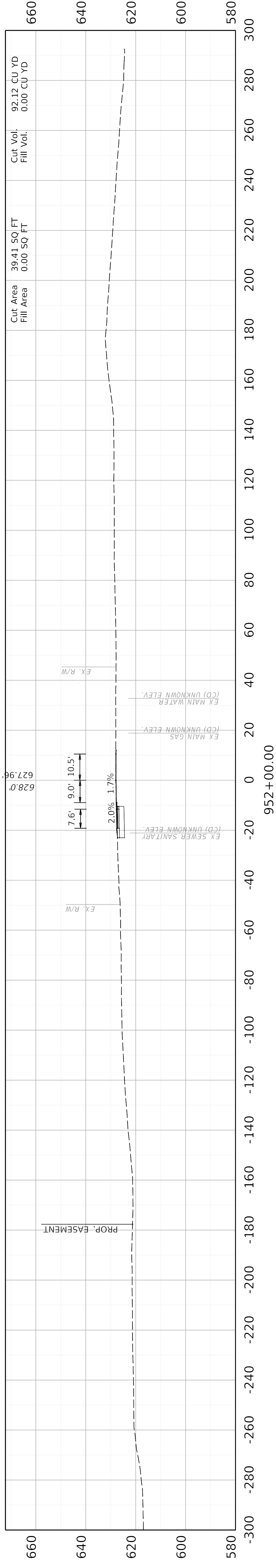
DRAWING TITLE: US 31W CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 951+00 TO STA. 952+00

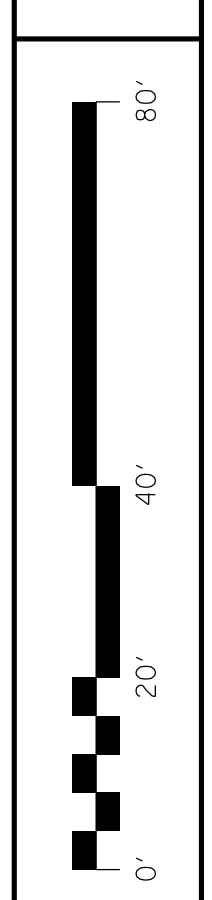
ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X058



COMMONWEALTH OF KENTUCKY
 TEAM KENTUCKY
 DEPARTMENT OF HIGHWAYS

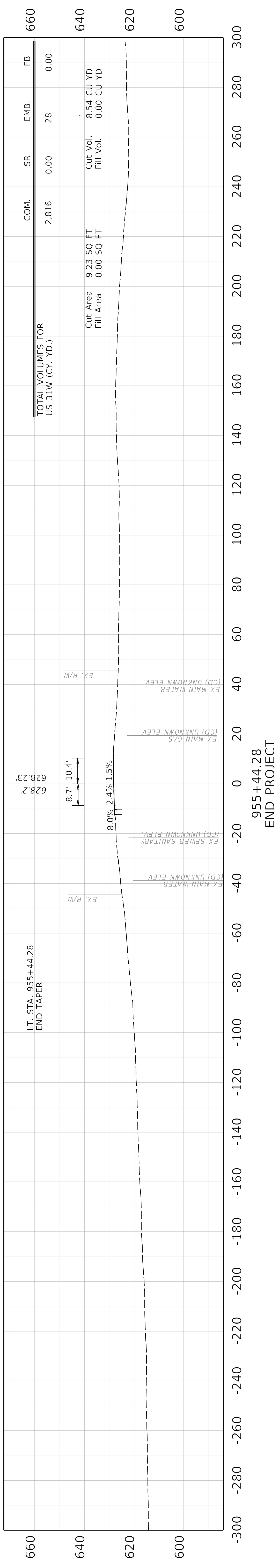
DRAWING TITLE: US 31W CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 951+00 TO STA. 952+00

ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X058



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: US 31W CROSS SECTIONS

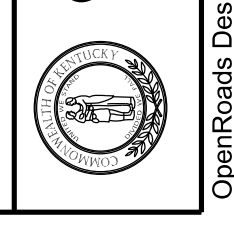
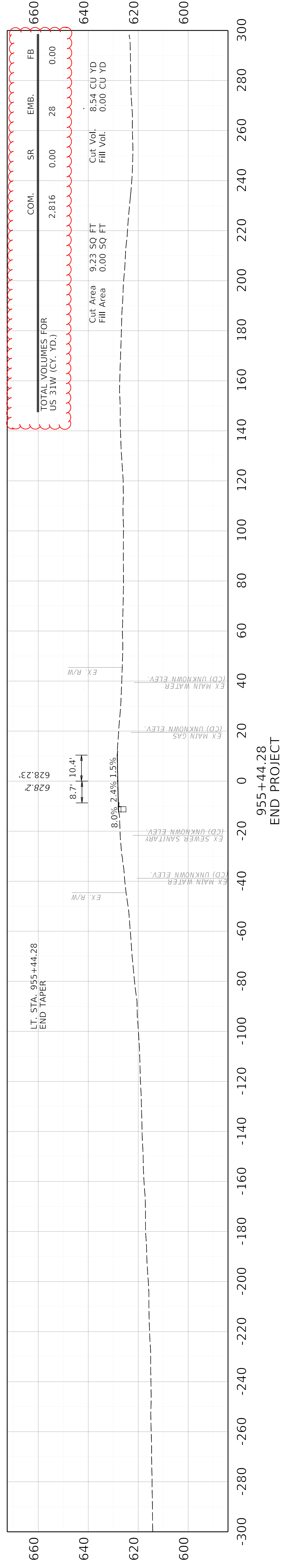
ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X061

STA. 955+44.28

HORIZONTAL SCALE: 1" = 20'

FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR\04-41.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_US31W_CROSS_SECTIONS.DGN

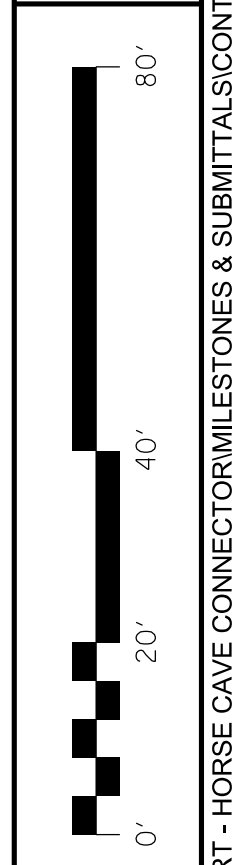
USER: mhutchinson



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 TEAM KENTUCKY
 TRANSPORTATION

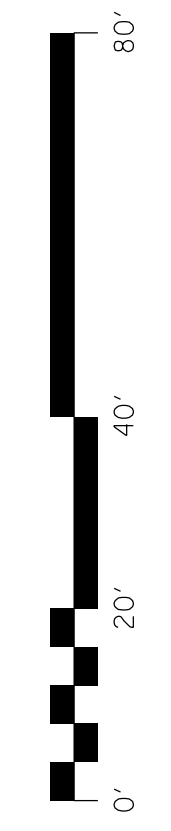
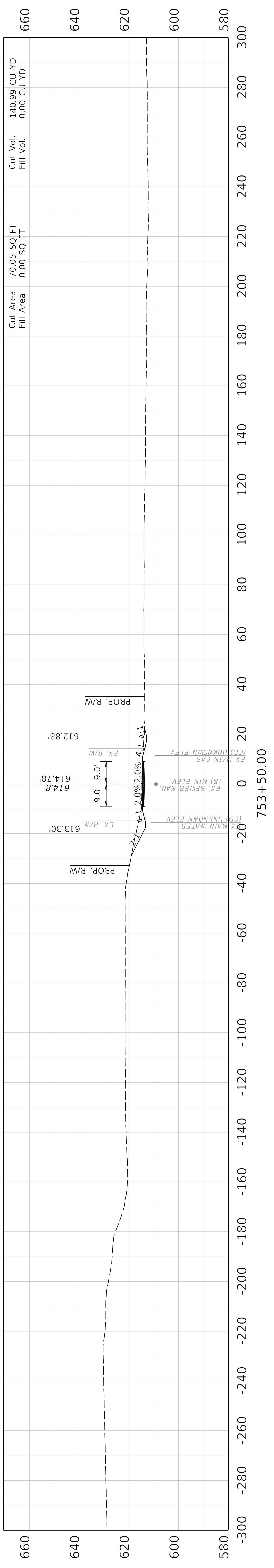
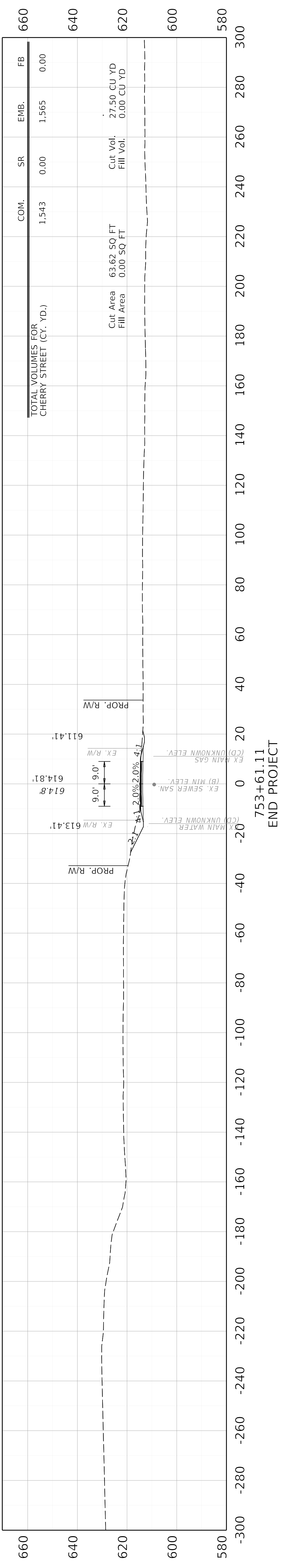
DRAWING TITLE: US 31W CROSS SECTIONS

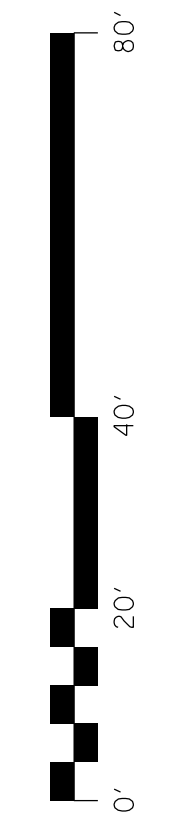
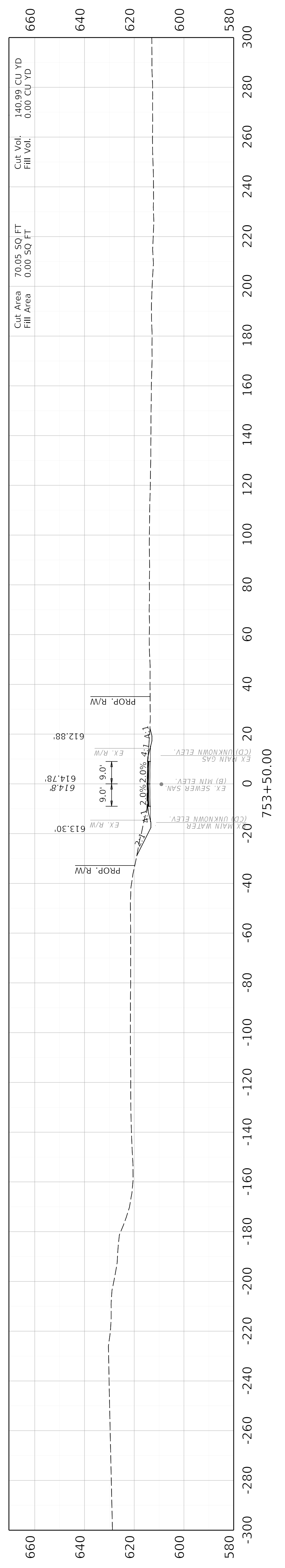
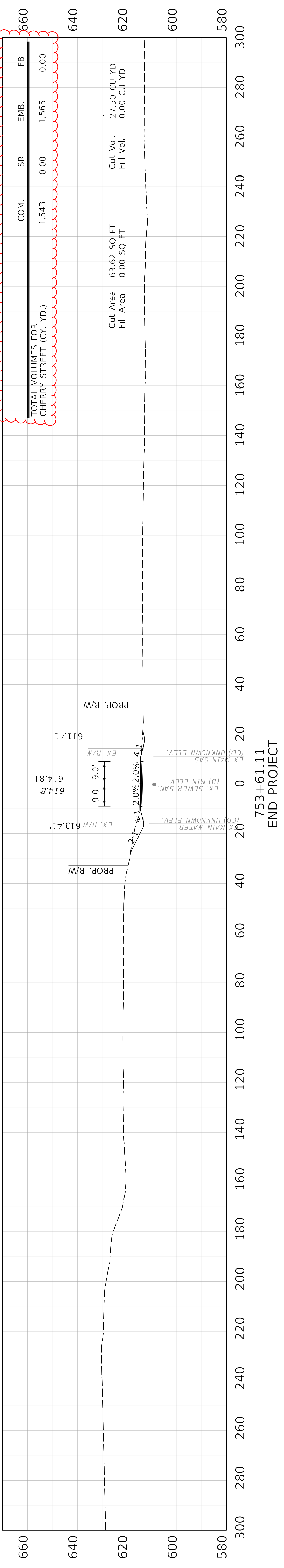
HORIZONTAL SCALE
 SCALE: 1" = 20'

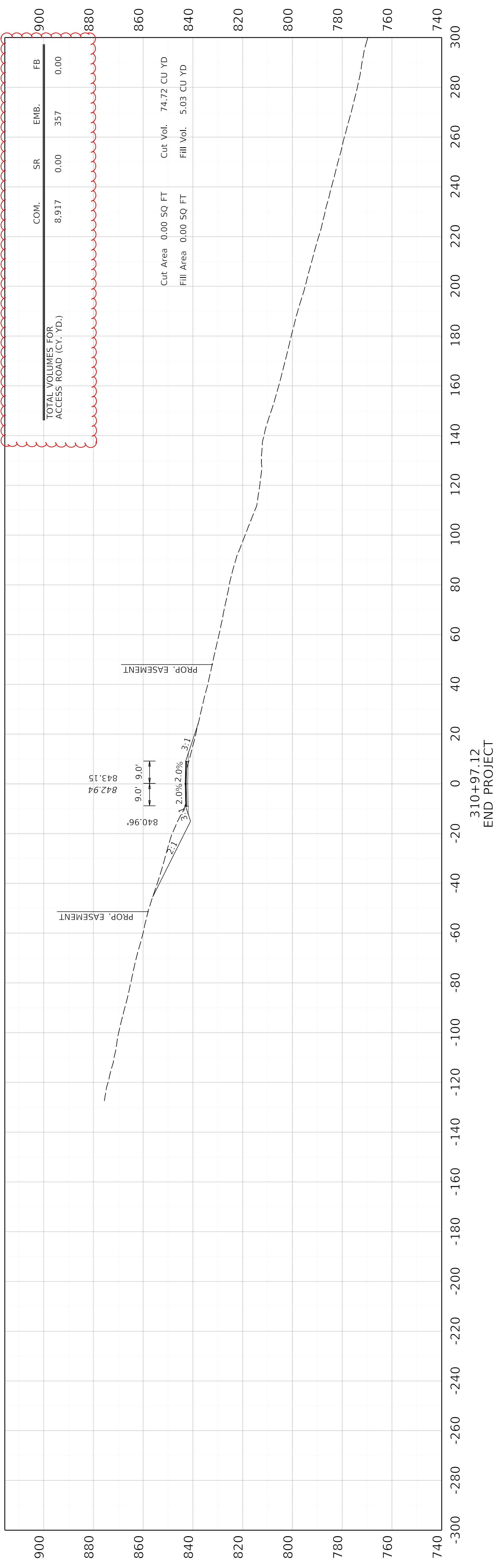


STA. 955+44.28

ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X061



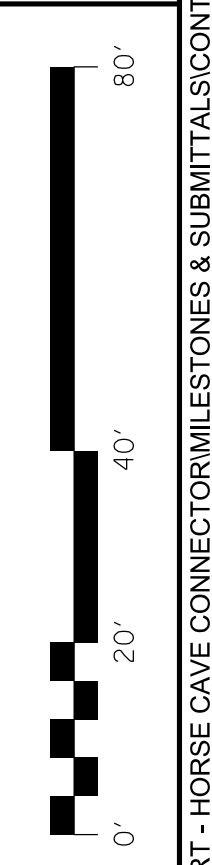




COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: ACCESS ROAD CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'

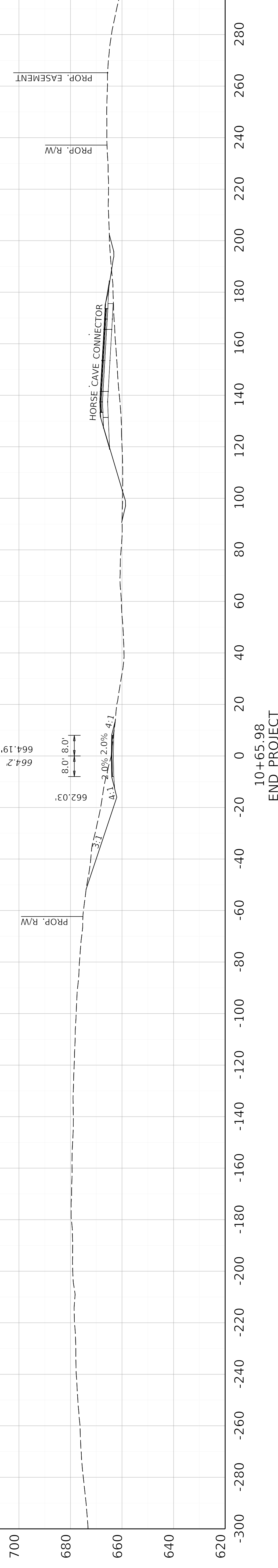


STA 310+97.12

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X082

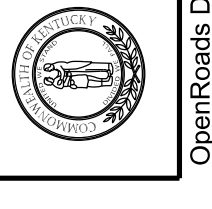
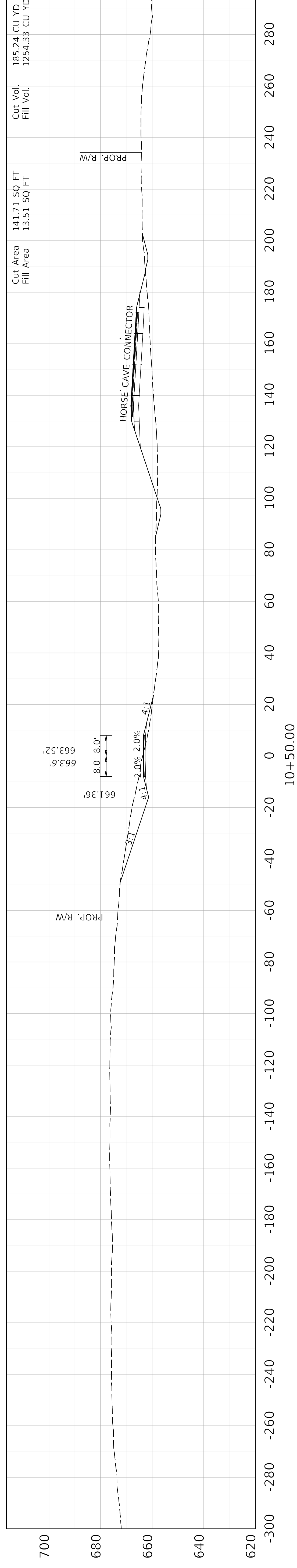
TOTAL VOLUMES FOR ENTRANCE 220+25
AND SPLIT ENTRANCE 220+25 @HCB (CT. YD.) 437 0.00 2,546 0.00

Cut Area 160.22 SQ FT
Fill Area 0.20 SQ FT
Cut Vol. 89.35 CU YD
Fill Vol. 4.06 CU YD



10+65.98
END PROJECT

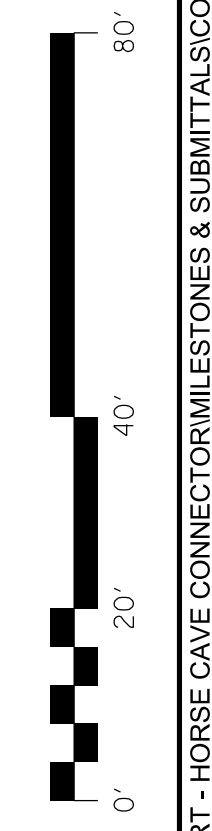
Cut Area 141.71 SQ FT
Fill Area 13.51 SQ FT
Cut Vol. 185.24 CU YD
Fill Vol. 1254.33 CU YD



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

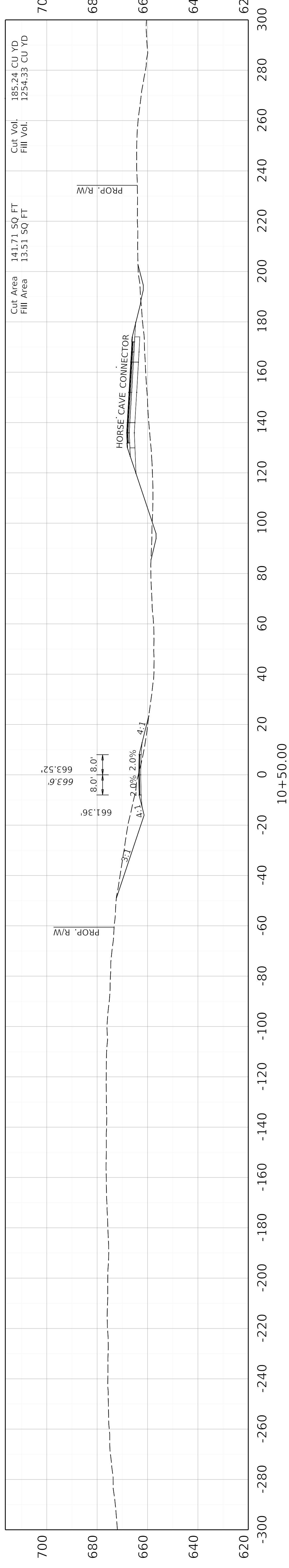
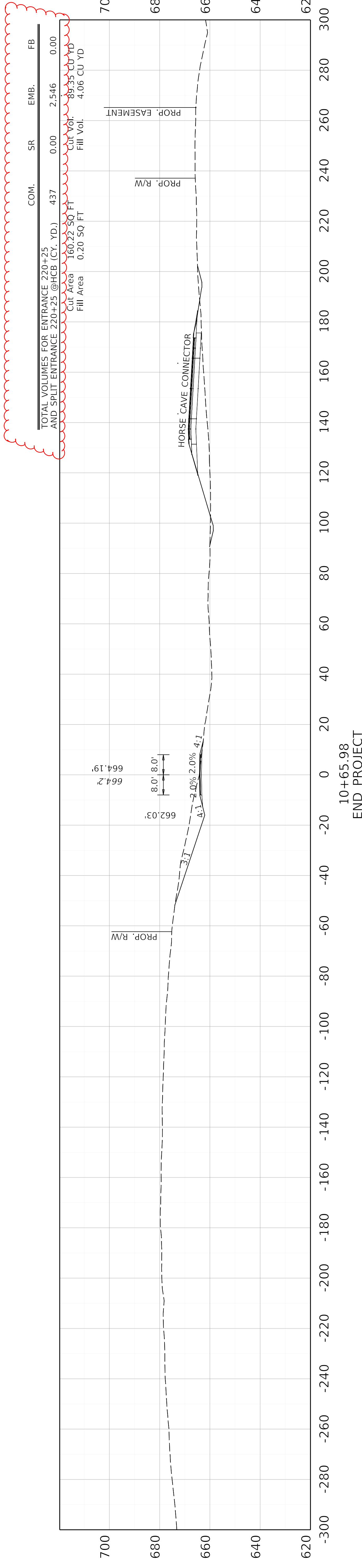
DRAWING TITLE: SPLIT ENTRANCE 220+25
@ HORSE CAVE CONNECTOR

HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 10+50 TO STA. 10+65.98

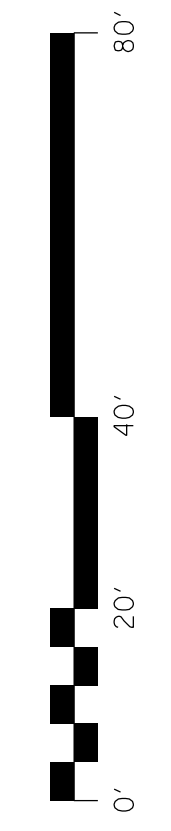
ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X089



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

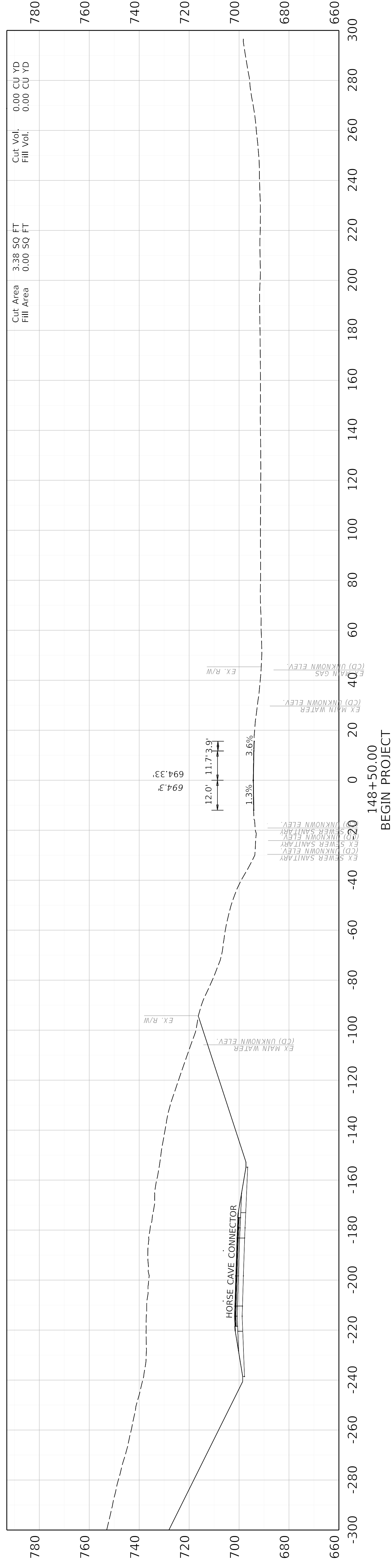
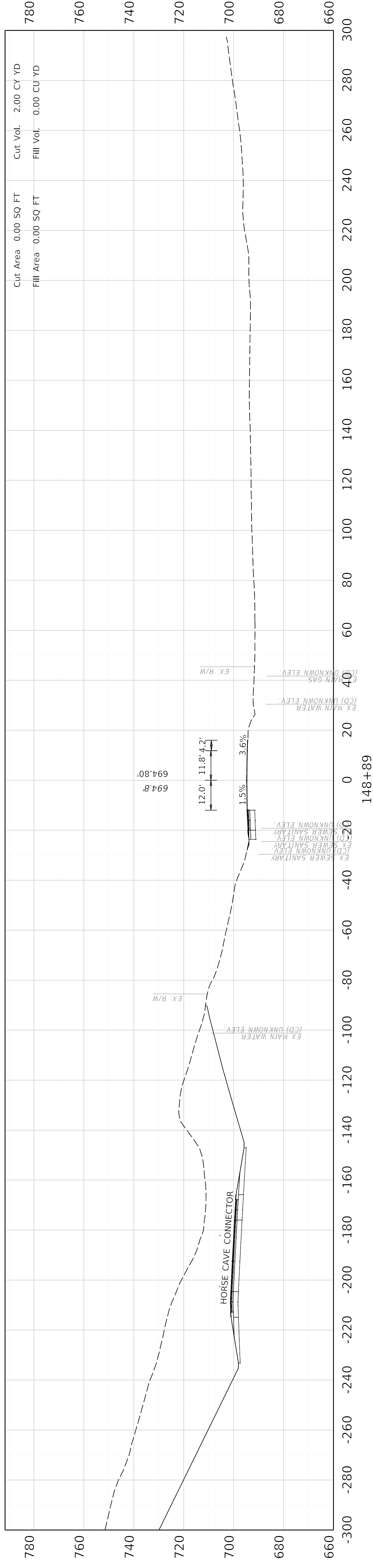
DRAWING TITLE: SPLIT ENTRANCE 220+25 @ HORSE CAVE CONNECTOR

HORIZONTAL SCALE
SCALE: 1" = 20'

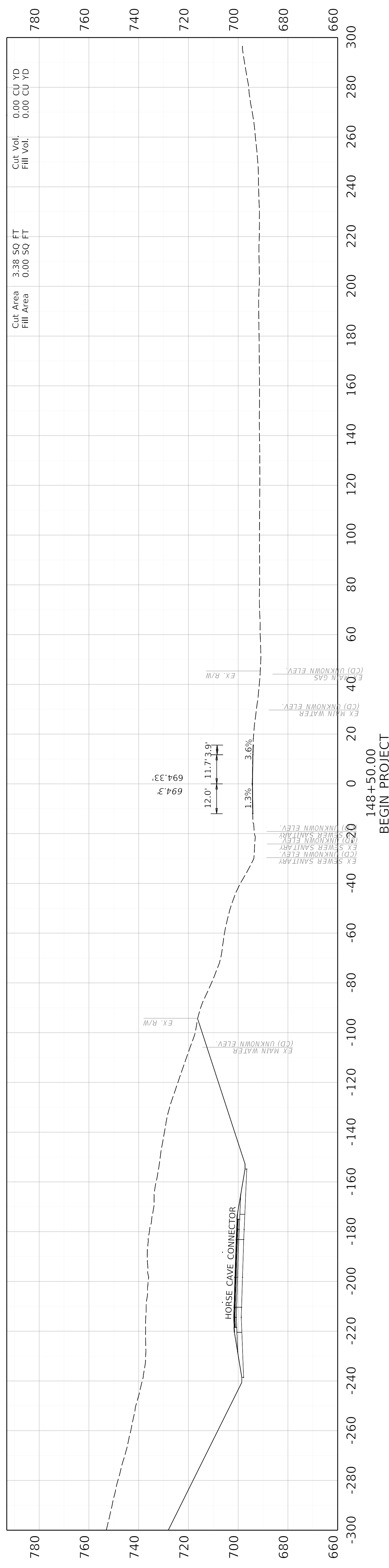
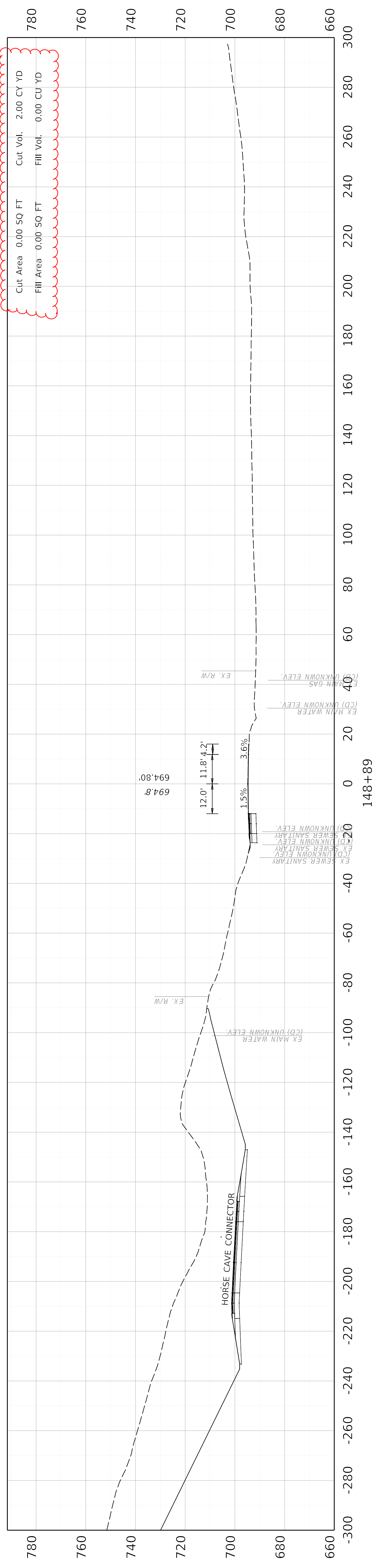


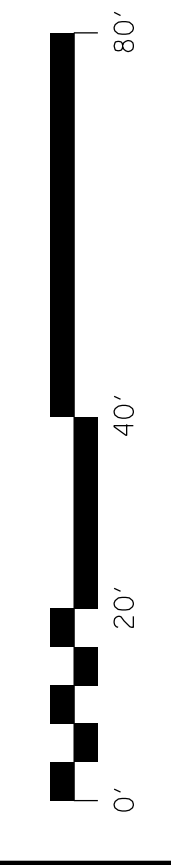
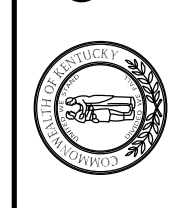
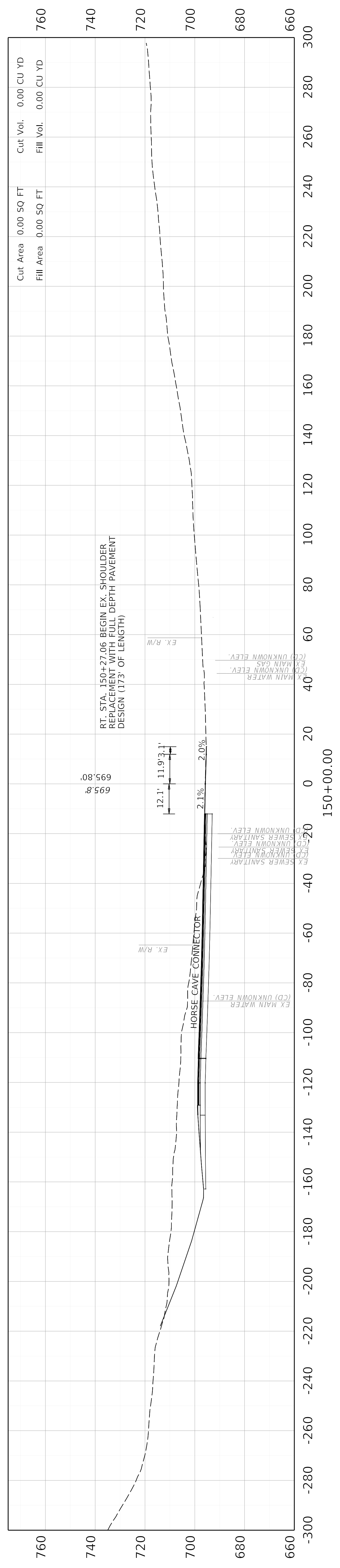
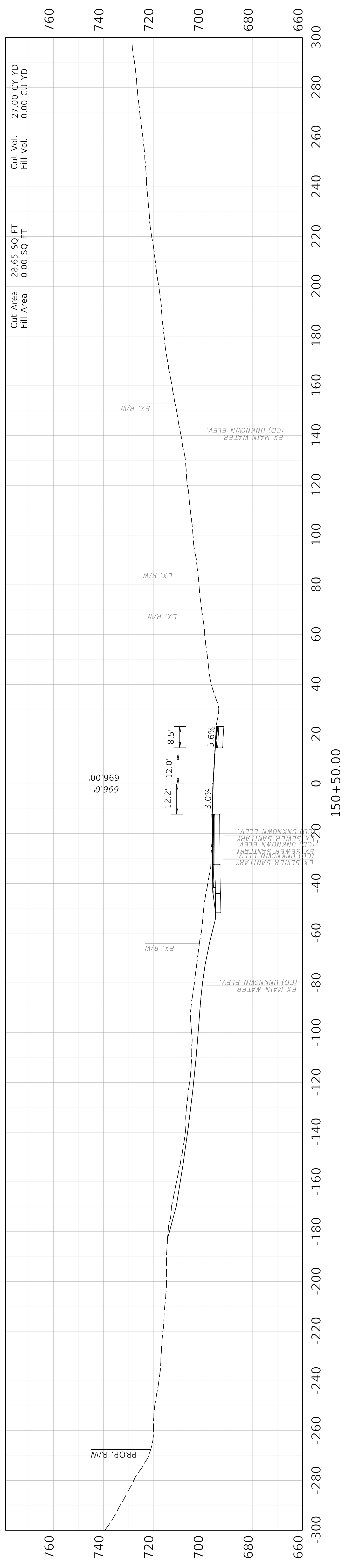
STA. 10+60 TO STA. 10+65.98

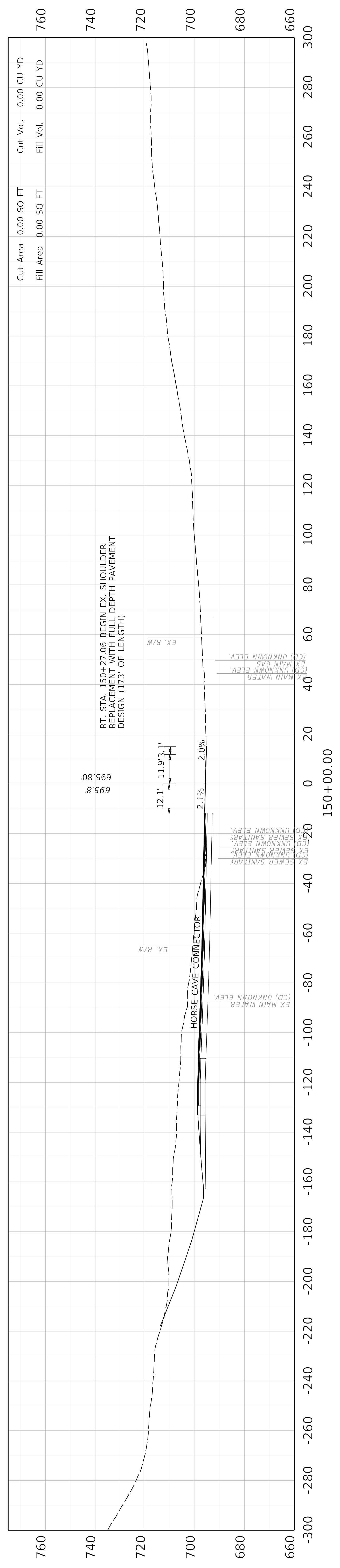
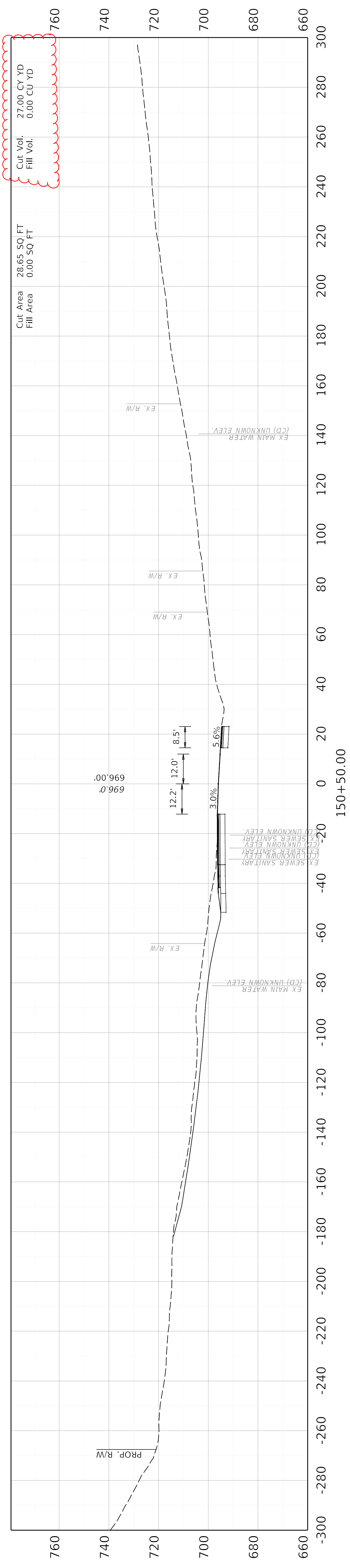
ITEM NO. 04-441.00
COUNTY OF HART
SHEET NO. X089



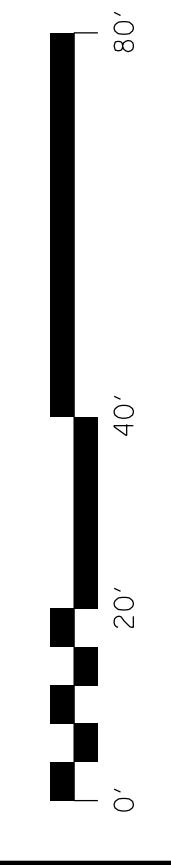
<p>COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS</p>	<p>TEAM KENTUCKY</p>	<p>DRAWING TITLE: KY 218 CROSS SECTIONS</p>	<p>HORIZONTAL SCALE SCALE: 1" = 20'</p>		<p>STA. 148+00 TO STA. 148+88.76</p>	<p>ITEM NO. 04-441.00</p>	<p>COUNTY OF HART</p>
						<p>SHEET NO. X090</p>	<p>FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR 04-441.00 - HART - HORSE CAVE CONNECTOR MILESTONES & SUBMITTALS CONTRACT PLANS AND PROPOSAL ELECTRONIC ENGINEERING DATA SHEETS 04_41_00_KY218_CROSS_SECTIONS.DGN</p>

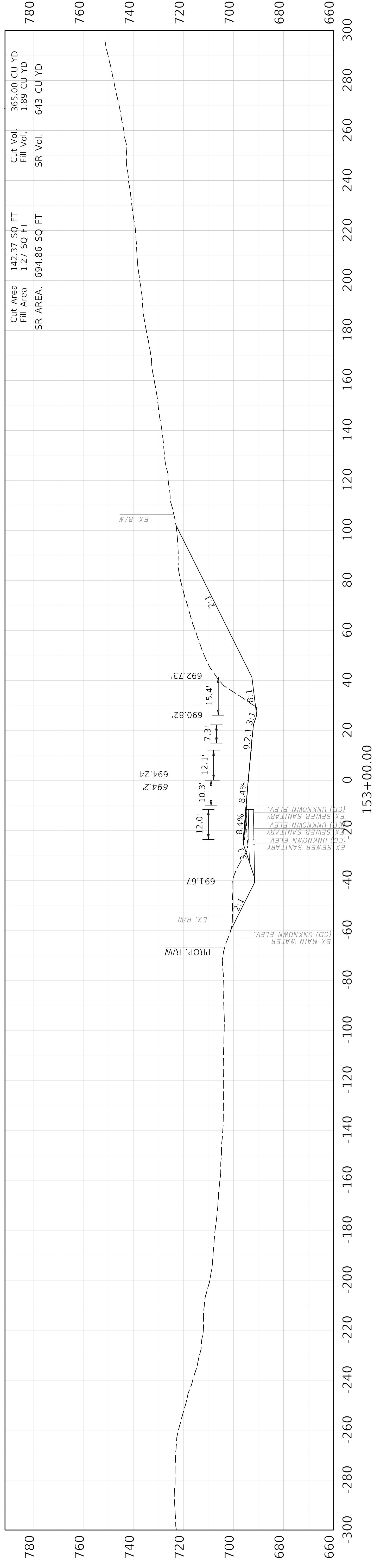
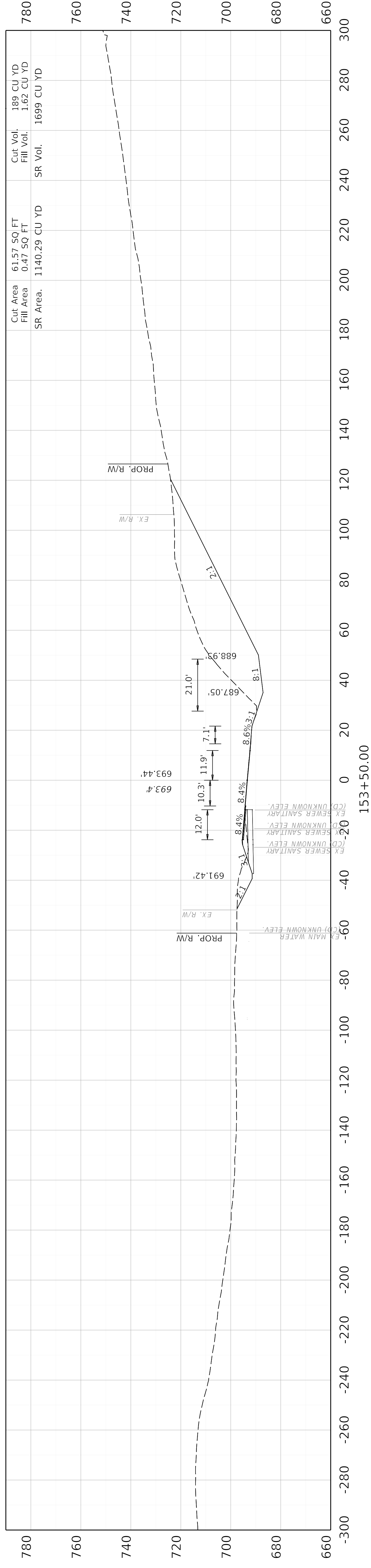






RT. STA. 150+27.06 BEGIN EX. SHOULDER
REPLACEMENT WITH FULL DEPTH PAVEMENT
DESIGN (173' OF LENGTH)

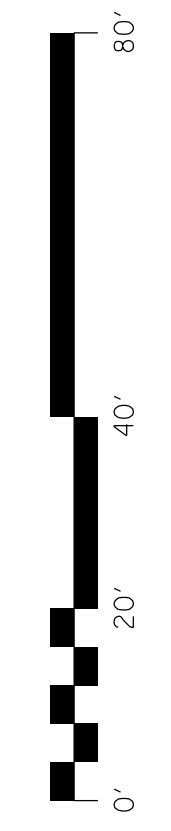




COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

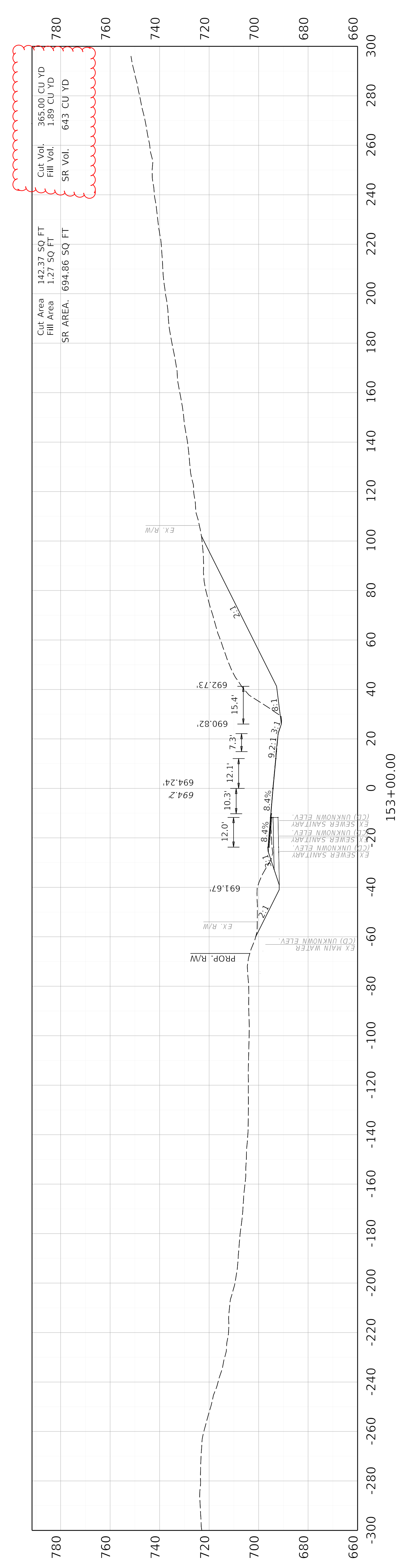
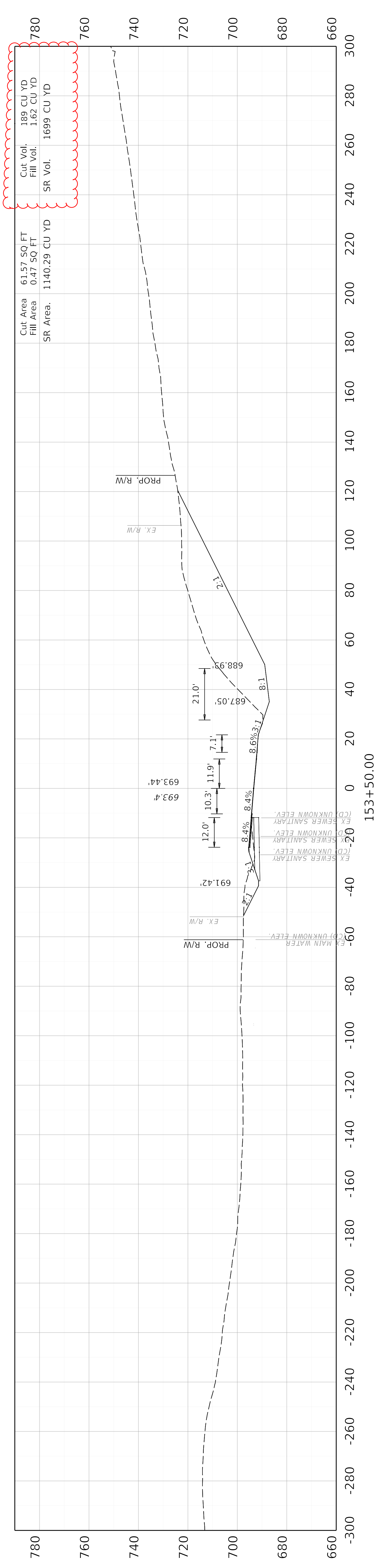
DRAWING TITLE: KY 218 CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 153+00 TO STA. 153+50

ITEM NO. 04-441.00
 COUNTY OF HART
 SHEET NO. X095



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

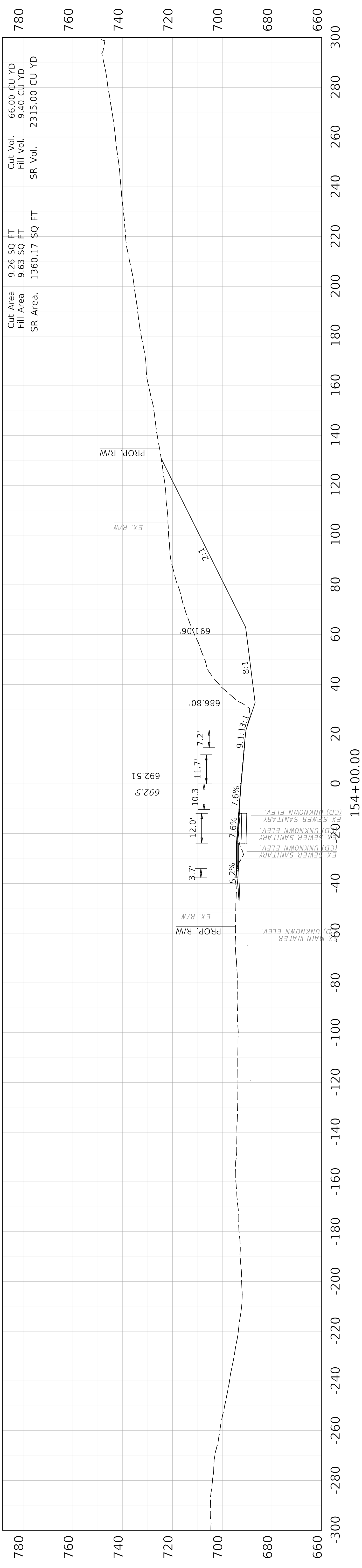
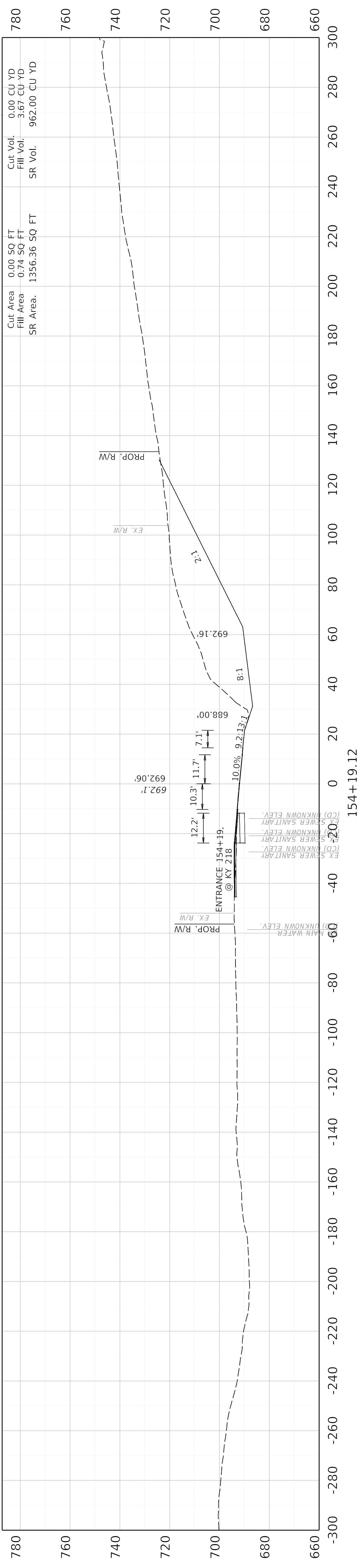
DRAWING TITLE: KY 218 CROSS SECTIONS

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X095

STA. 153+00 TO STA. 153+50

HORIZONTAL SCALE
SCALE: 1" = 20'

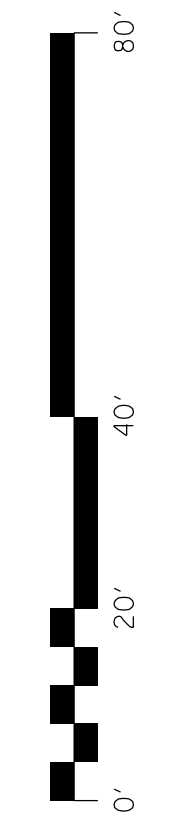
FILE NAME: N:17414 - KY 218 TO US 31W CONNECTOR 04-441.00 - HART - HORSE CAVE CONNECTOR MILESTONES & SUBMITTALS CONTRACT PLANS AND PROPOSAL ELECTRONIC ENGINEERING DATA SHEETS 04-441.00_KY218_CROSS_SECTIONS.DGN
USER: mhutchinson



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

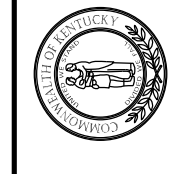
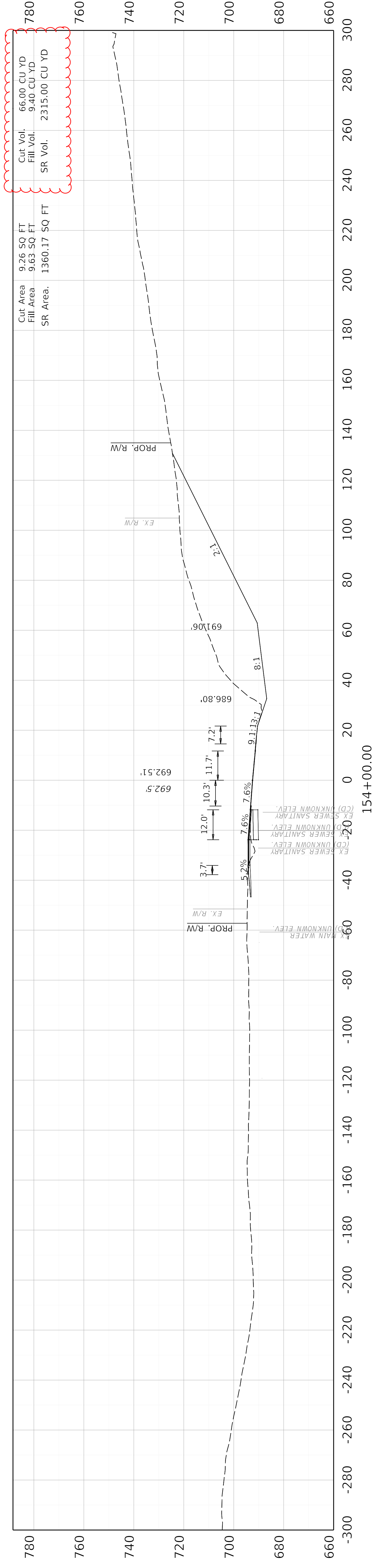
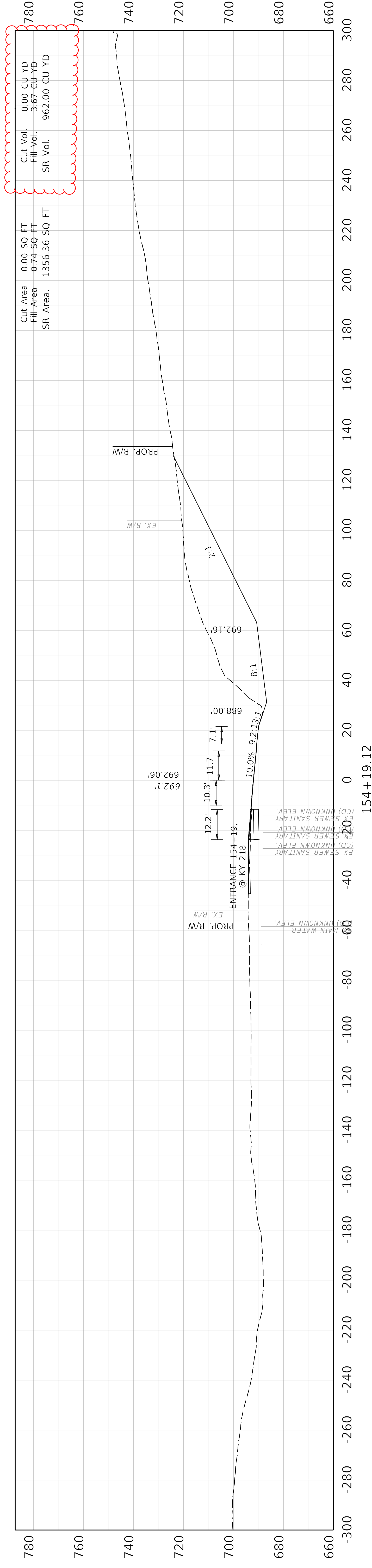
DRAWING TITLE: KY 218 CROSS SECTIONS

HORIZONTAL SCALE
 SCALE: 1" = 20'



STA. 154+00 TO STA. 154+19.12

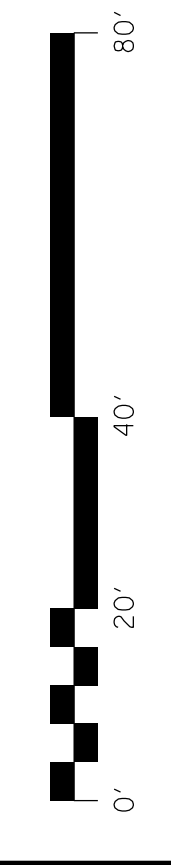
ITEM NO. 04-441.00 COUNTY OF HART
 SHEET NO. X096



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

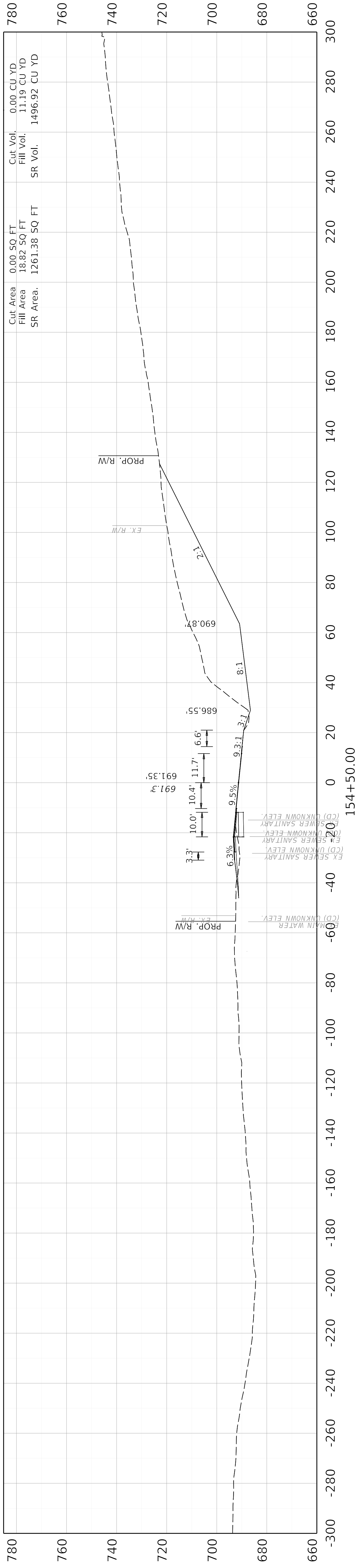
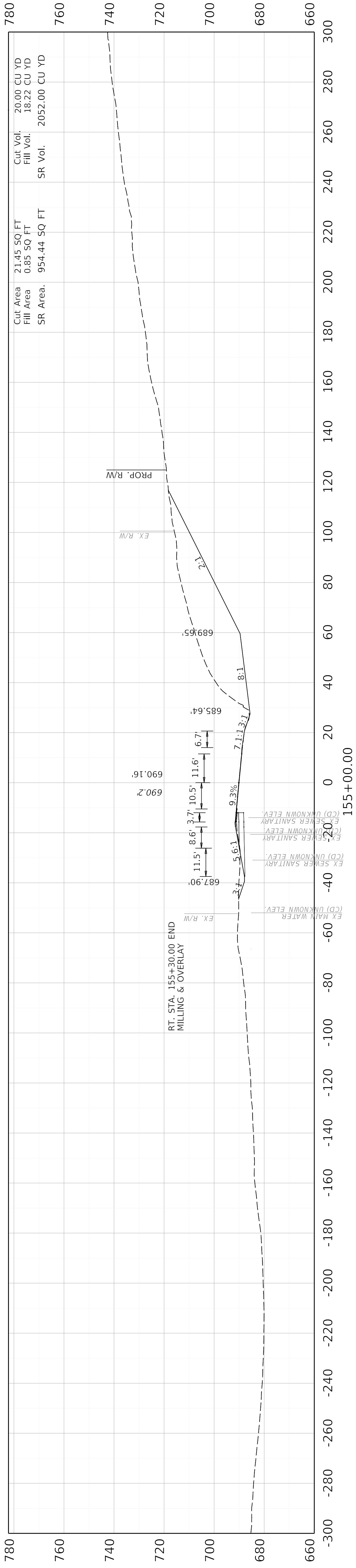
DRAWING TITLE: KY 218 CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 154+00 TO STA. 154+19.12

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X096

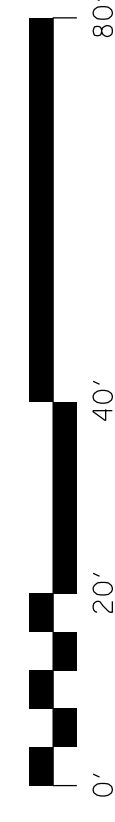


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutahinson

DRAWING TITLE: KY 218 CROSS SECTIONS

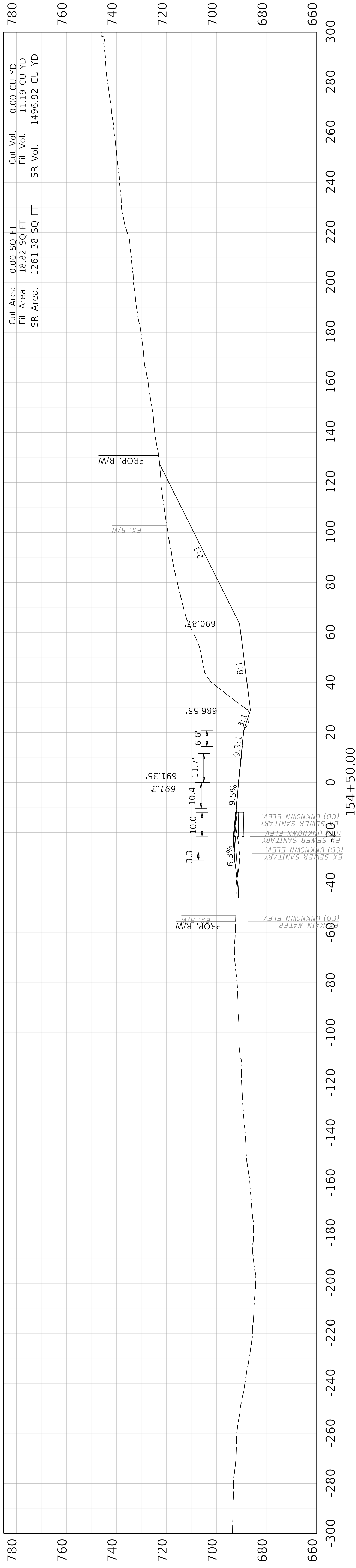
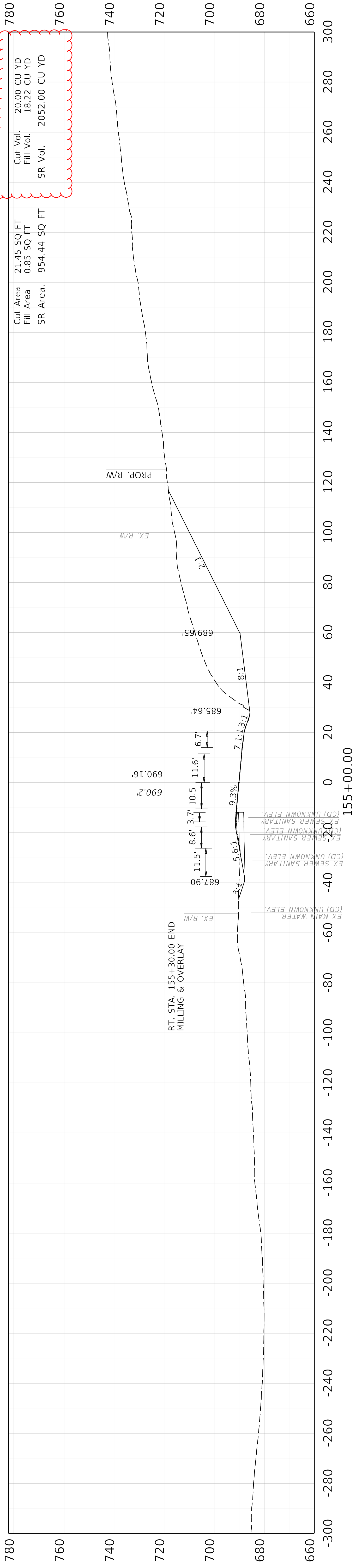
HORIZONTAL SCALE
SCALE: 1" = 20'

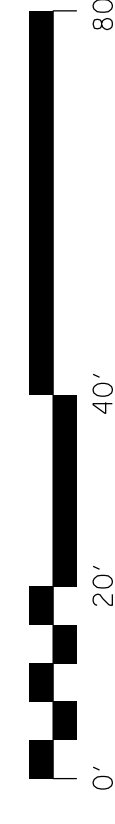
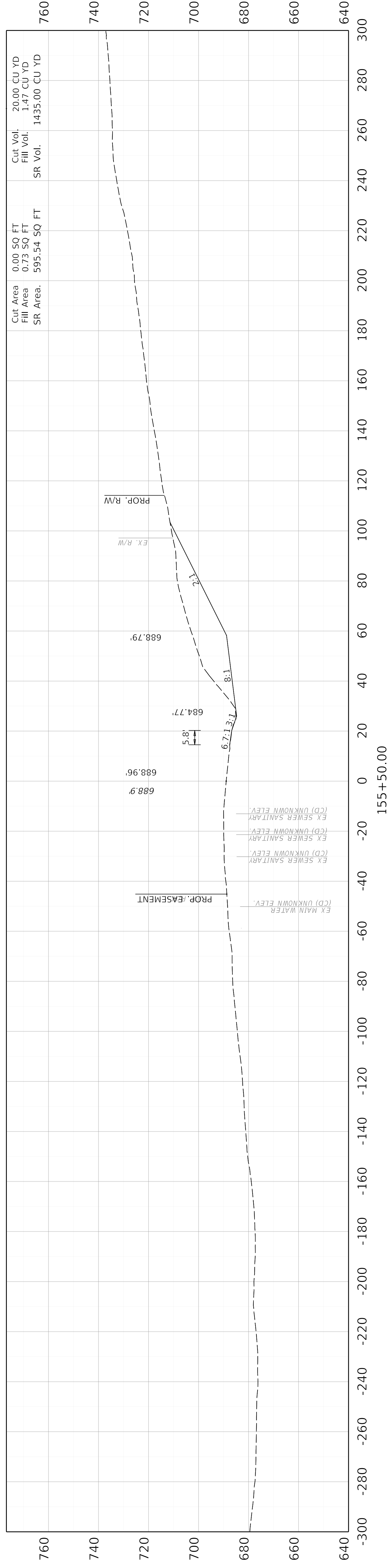
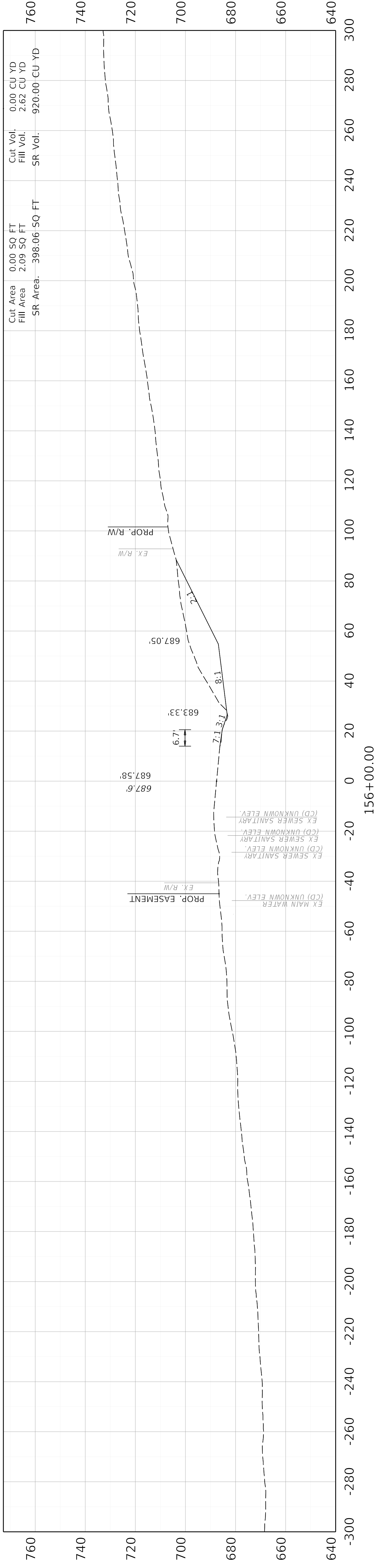


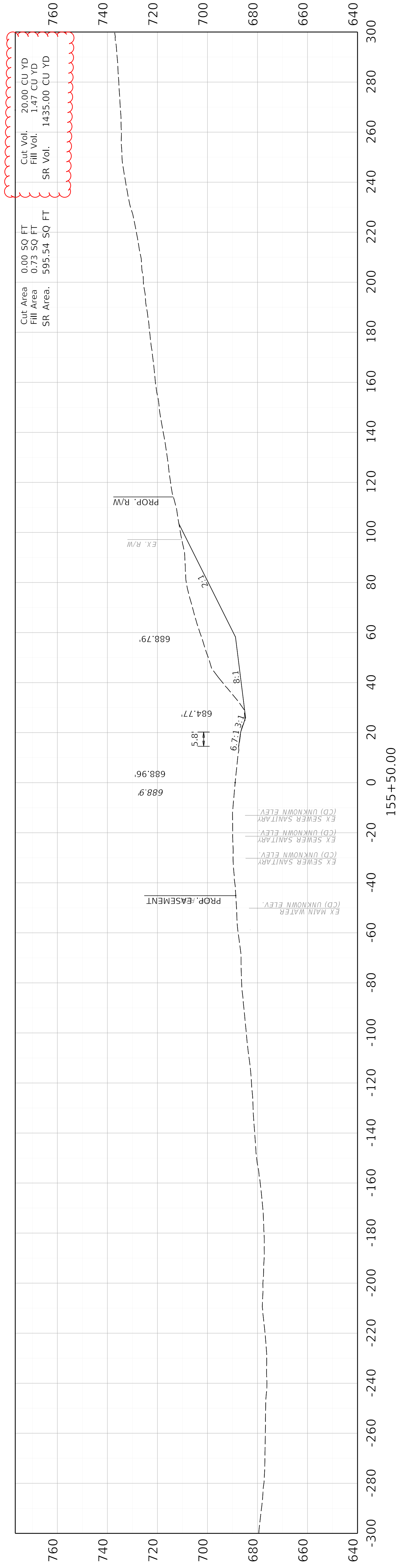
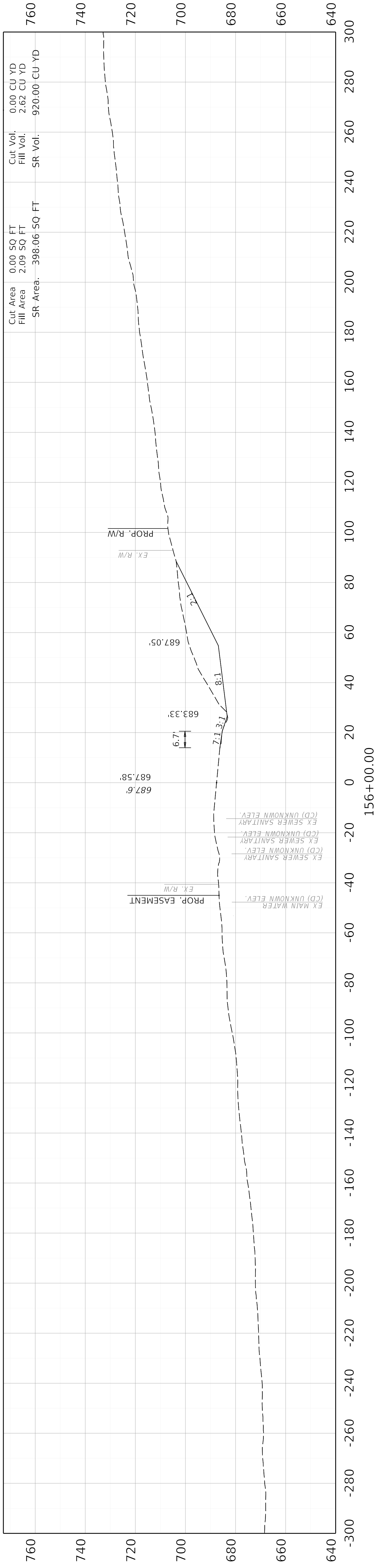
STA. 154+60 TO STA. 155+00

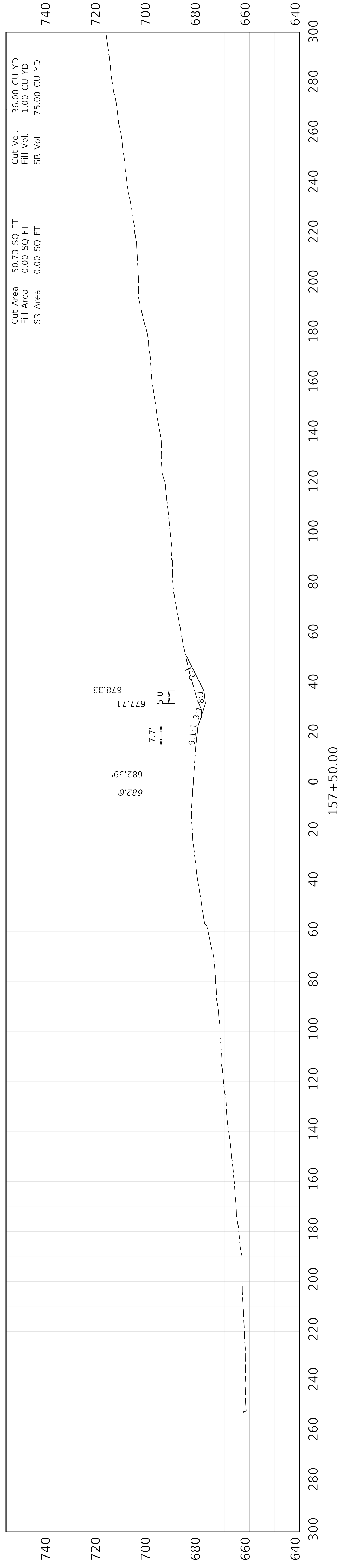
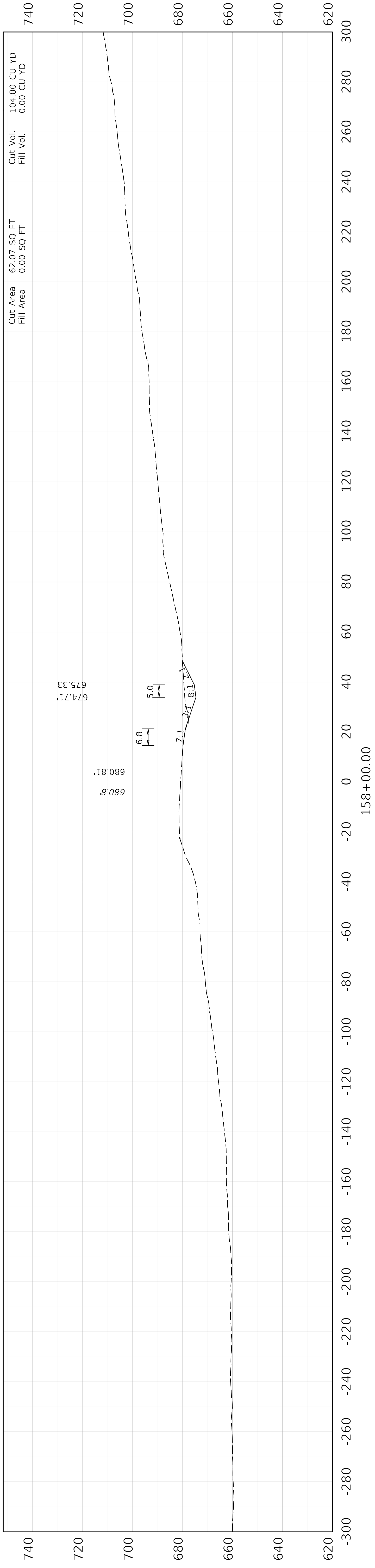
ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X097

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_KY218_CROSS_SECTIONS.DGN









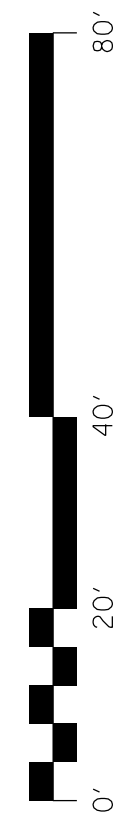
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267

USER: mhutchinson

DRAWING TITLE: KY 218 CROSS SECTIONS

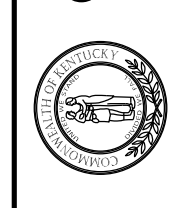
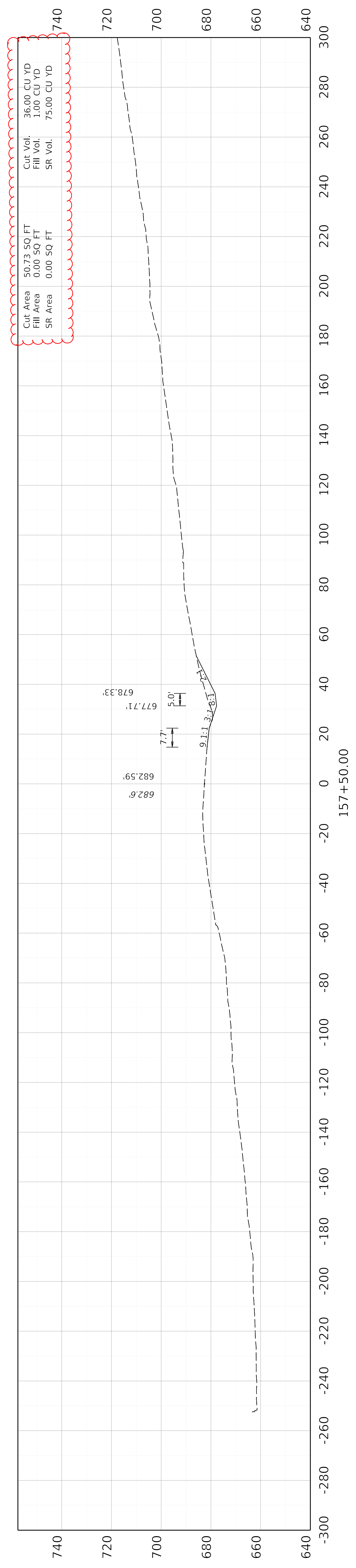
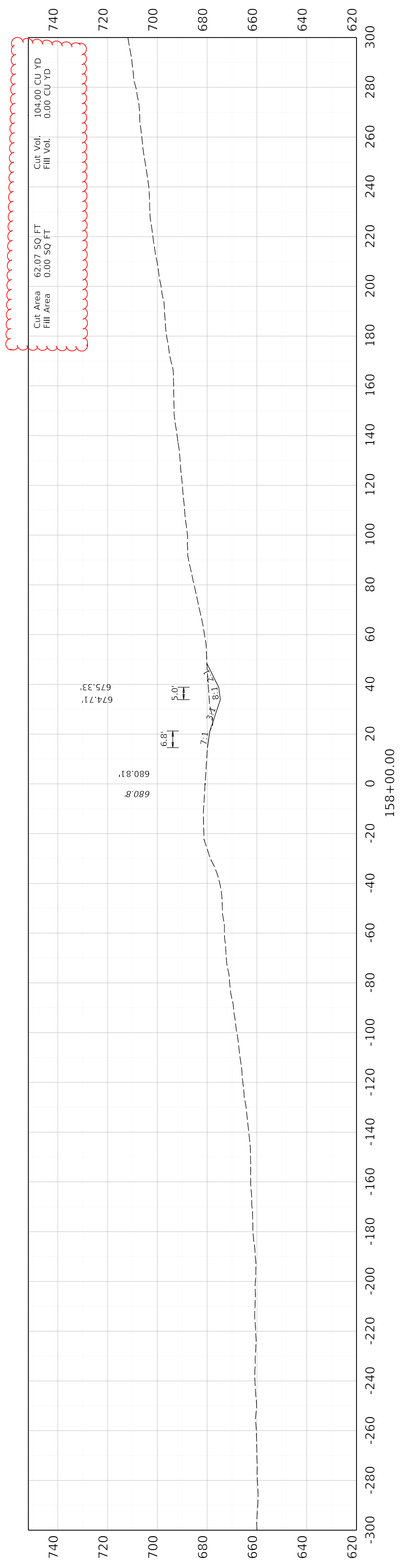
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 157+50 TO STA. 158+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X101

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_441_00_KY218_CROSS_SECTIONS.DGN

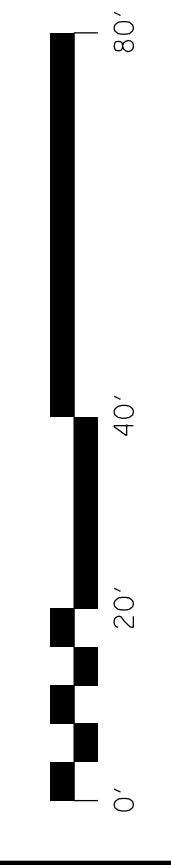


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutchinson

DRAWING TITLE: KY 218 CROSS SECTIONS

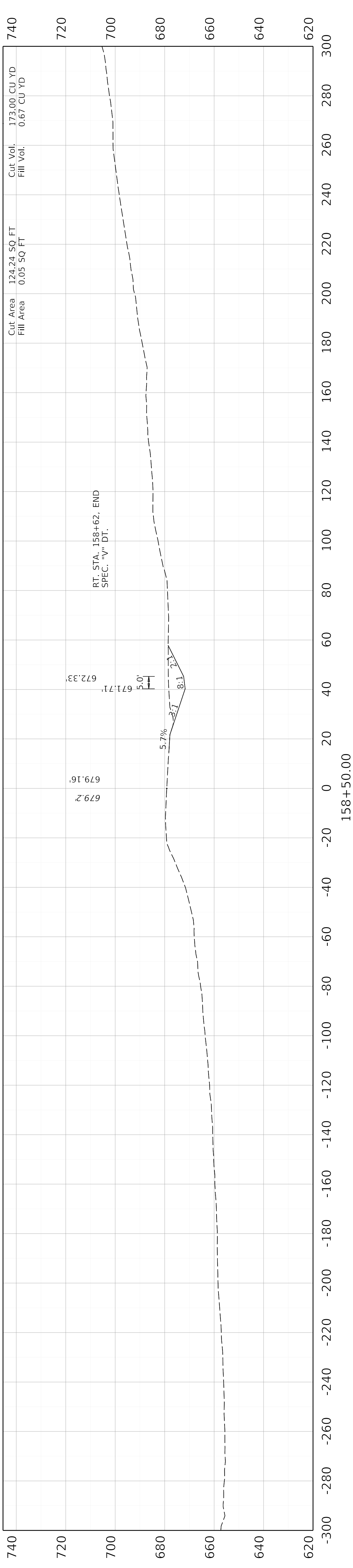
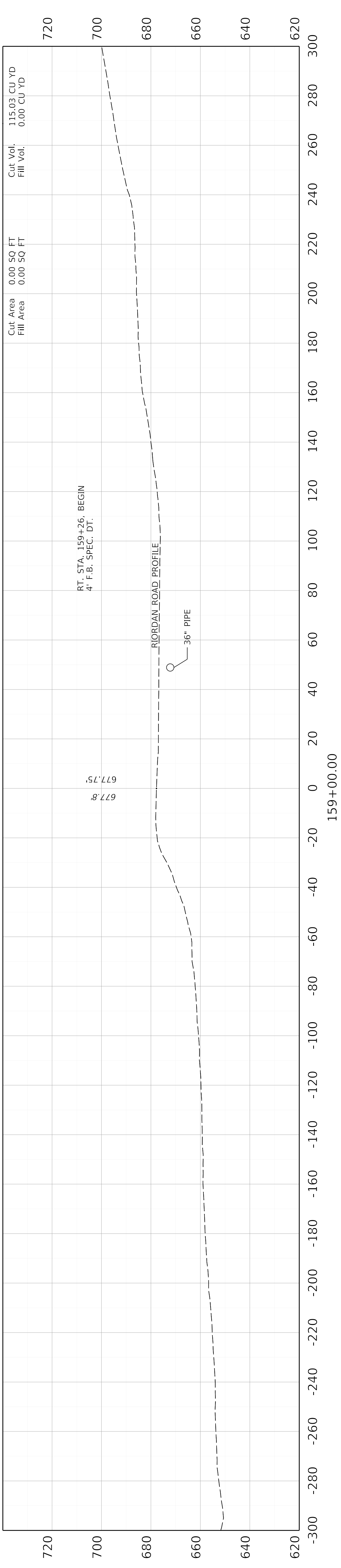
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 157+50 TO STA. 158+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X101

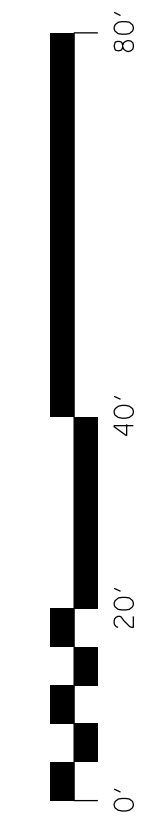
FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSALS\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_KY218_CROSS_SECTIONS.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: KY 218 CROSS SECTIONS

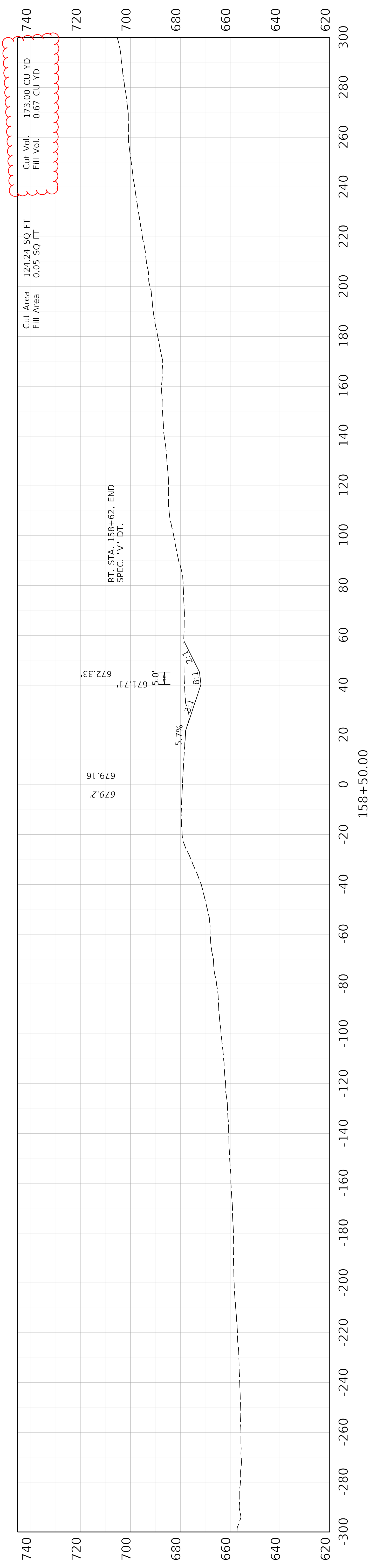
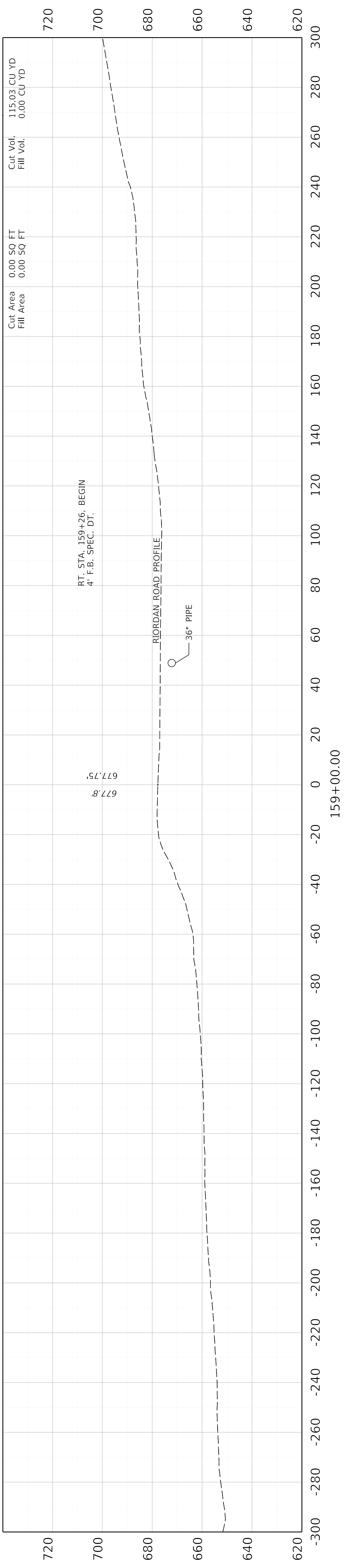
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 158+50 TO STA. 159+00

ITEM NO. 04-441.00
SHEET NO. X102

COUNTY OF HART

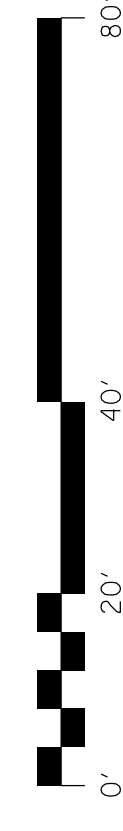


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutchinson

DRAWING TITLE: KY 218 CROSS SECTIONS

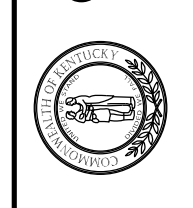
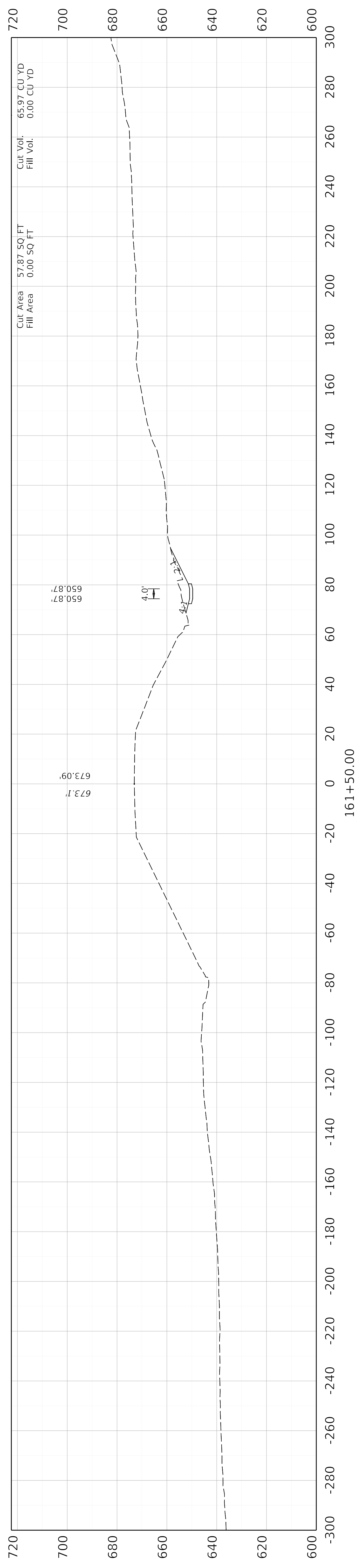
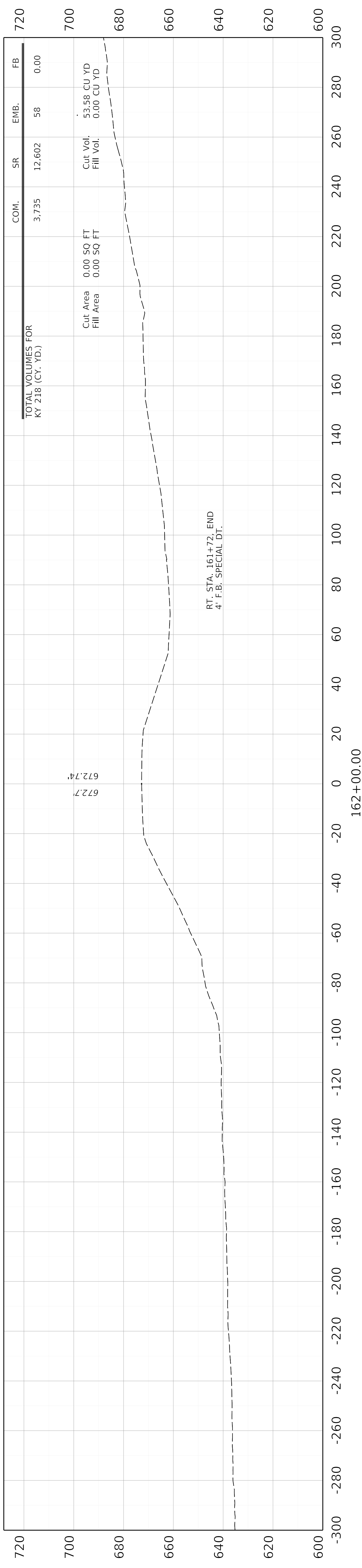
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 158+50 TO STA. 159+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X102

FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSAL\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_KY218_CROSS_SECTIONS.DGN

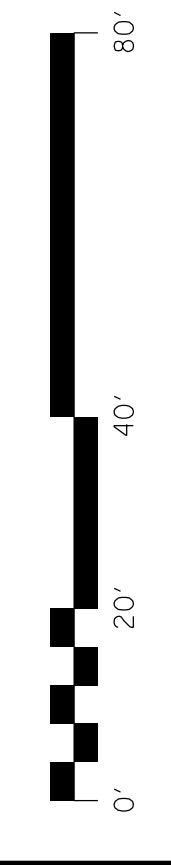


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267 USER: mhutchinson

DRAWING TITLE: KY 218 CROSS SECTIONS

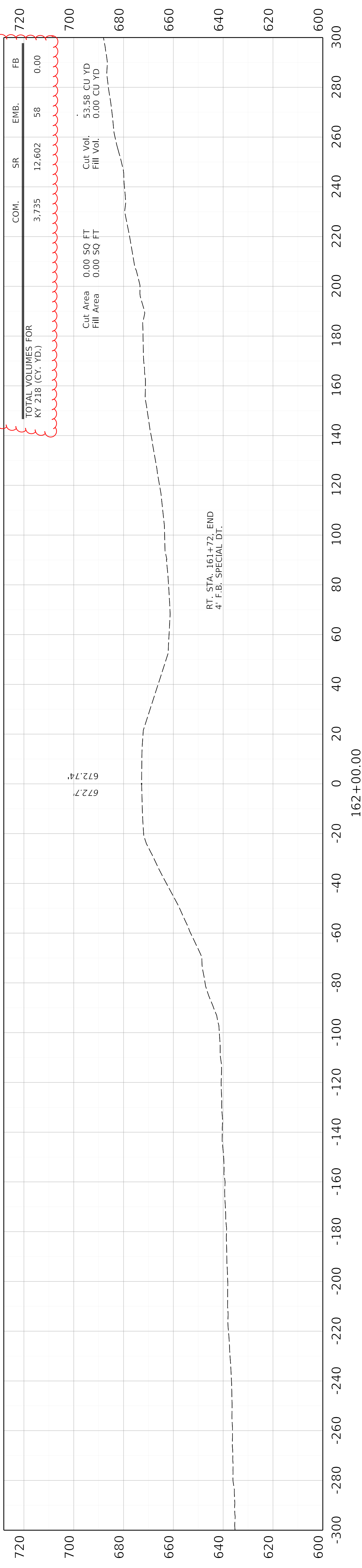
HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 161+50 TO STA. 162+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X105

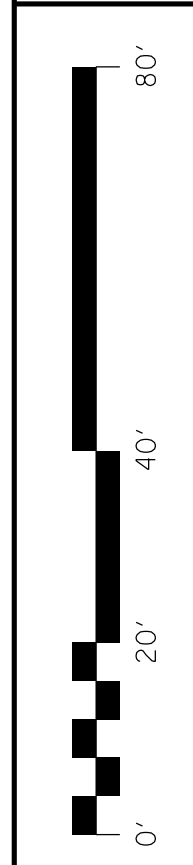
FILE NAME: N:\17414 - KY 218 TO US 31W CONNECTOR\04-441.00 - HART - HORSE CAVE CONNECTOR\MILESTONES & SUBMITTALS\CONTRACT PLANS AND PROPOSALS\ELECTRONIC ENGINEERING DATA\SHEETS\04_41_00_KY218_CROSS_SECTIONS.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: KY 218 CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 20'



STA. 161+50 TO STA. 162+00

ITEM NO. 04-441.00 COUNTY OF HART
SHEET NO. X105