



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

November 9, 2012

CALL NO. 114
CONTRACT ID NO. 121363
ADDENDUM # 2

Subject: Elliott County, STPR 0071 (025)
Letting November 16, 2012

- (1) Revised - Plan Sheets - R2L, R2M, R2N, R2O, R2P, R2Q, R8, R9, R10, R12, R14, R16, R18, R20, R22, R24, R26, R28, R30, R32, R34, R36, R38, X378, X379, & X380
- (2) Revised - Bid Items - Pages 79-83 of 83

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 blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	09-0126.51	R2L

ITEM	DESCRIPTION	UNIT	MAINLINE	KY. 885 LT. 4166 + 39	HOG CAMP RD. RT. 4186 + 00	SOUTH KY. 7 CONN. RT. 4264 + 00	KY. 7 TIE FROM APPR. RT. 4264 + 00	KY. 7 TIE RT. 4295 + 50	KY. 7 TIE RT. 4312 + 90	KY. 409 RT. 4317 + 80	APPR. LT. 4326 + 50	NORTH KY. 7 CONN. RT. 4372 + 00	TRAILER PARK LT. 4390 + 32	KY. 3353 LT. 4403 + 99.2	STATE PARK RT. 4416 + 50	TOTAL
01000	PERFORATED PIPE-4 IN	LF	310													310
01001	PERFORATED PIPE-6 IN	LF	827													827
01010	NON-PERFORATED PIPE-4 IN	LF	54													54
01011	NON-PERFORATED PIPE-6 IN	LF	162													162
01020	PERF PIPE HEADWALL TY 1-4 IN	EACH	1													1
01021	PERF PIPE HEADWALL TY 1-6 IN	EACH	2													2
01029	PERF PIPE HEADWALL TY 3-6 IN	EACH	5													5
01032	PERF PIPE HEADWALL TY 4-4 IN	EACH	4													4
01033	PERF PIPE HEADWALL TY 4-6 IN	EACH	8													8
01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH	160													160
01984	DELINEATOR FOR BARRIER WALL - MONO DIRECTIONAL WHITE	EACH	34													34
02014	BARRICADE-TYPE III	EACH	16													16
02091	REMOVE PAVEMENT	SQ YD	8887													8887
02159	TEMP DITCH	LF	15000													15000
02160	CLEAN TEMP DITCH	LF	7500													7500
02200	ROADWAY EXCAVATION	CU YD	-													-
02242	WATER	MGAL	1000													1000
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	9950	412.5	487.5	205.75	181.75	337.5		62.5	125	662.5				12425
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	21		2		181.75				2					27
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	6									1				7
02371	GUARDRAIL END TREATMENT TYPE 7	EACH			2					2						4
02373	GUARDRAIL END TREATMENT TYPE 3	EACH	3	1												4
02381	REMOVE GUARDRAIL	LF	14491							140		334				14965
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	115													115
02430	RIGHT-OF-WAY MONUMENT TYPE 1A	EACH	3													3
02431	WITNESS R/W MONUMENT TYPE 2	EACH	8													8
02475	PLUG WATER WELL	EACH	14													14
02482	CHANNEL LINING CLASS IA	TON	2398													2398
02483	CHANNEL LINING CLASS II	TON	4301													4301
02488	CHANNEL LINING CLASS IV	CU YD	3979													3979
02545	CLEARING AND GRUBBING	LS	1													1
02568	MOBILIZATION	LS	1													1
02569	DEMOBILIZATION	LS	1													1
02585	EDGE KEY	LF	46	16	12	20	20	20		20	8	20	8	20	20	230
02622	RIFFLE STRUCTURE-GABION	EACH	98													98
02650	MAINTAIN & CONTROL TRAFFIC	LS	1													1
02651	DIVERSION #1 RT STA 4321+76.50 - RT STA 4335+13.50	LS	1													1
02651	DIVERSION #1A RT STA 4371+17.30 - RT STA 4378+82.30	LS	1													1
02651	DIVERSION #2 LT STA 4398+00 - LT STA 4414+93.40	LS	1													1
02701	TEMP SILT FENCE	LF	26400													26400
02703	SILT TRAP TYPE A	EACH	162													229
02704	SILT TRAP TYPE B	EACH	275													229
02705	SILT TRAP TYPE C	EACH	1													1
02706	CLEAN SILT TRAP TYPE A	EACH	2061													2061
02707	CLEAN SILT TRAP TYPE B	EACH	2061													2061
02708	CLEAN SILT TRAP TYPE C	EACH	9													9
02709	CLEAN TEMP SILT FENCE	LF	26400													26400
02711	SEDIMENTATION BASIN	CU YD	12436													12436
02712	CLEAN SEDIMENTATION BASIN	CU YD	12436													12436
02726	STAKING	LS	1													1
03171	CONCRETE BARRIER WALL TYPE 9T	LF	2070													2070
05026	EASTERN WHITE PINE (BALL AND BURLAP)	EACH	50													50
05950	EROSION CONTROL BLANKET	SQ YD	35005													35005
05952	TEMP MULCH	SQ YD	784080													784080
05953	TEMP SEEDING AND PROTECTION	SQ YD	784080													784080

NOTES:

- ① APPX 229 ACRES
- ② SEE PAVING SUMMARY SHEETS FOR EARTHWORK DUE TO ALTERNATE PAVEMENT BID.
- ③ FOR MAINTENANCE OF TRAFFIC
- ④ UNDERDRAIN QUANTITIES FOR TRANSVERSE BENCHING ARE FOR ESTIMATING PURPOSES ONLY. EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER ON CONSTRUCTION.
- ⑤ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.
- ⑥ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.
- ⑦ SEE SIGNING & STRIPING PLANS FOR LOCATION.
- ⑧ 25,000 SQ YDS ARE FOR EROSION CONTROL PURPOSES
- ⑨ THE CONTRACTOR IS ADVISED THAT SHORING WILL BE NECESSARY AT MULTIPLE LOCATIONS WITHIN THE PROJECT. SHORING OF PARTIALLY CONSTRUCTED EMBANKMENT FOR THE PURPOSES OF MAINTAINING TRAFFIC SHALL BE INCIDENTAL TO THE BID ITEM FOR MAINTENANCE OF TRAFFIC. SHORING AT STRUCTURES SHALL BE ACCORDING TO STANDARD SPECIFICATIONS SECTION 603
- ⑩ APPROX. LT. M.L. STA. 4165+50 EX. 12'X8' RCBC
APPROX. LT. M.L. STA. 4173+01 EX. 4'X2.5' RCBC
APPROX. RT. M.L. STA. 4197+70 EX. 4'X4' RCBC
APPROX. RT. M.L. STA. 4211+94 EX. 3'X3' RCBC
APPROX. RT. M.L. STA. 4253+75 EX. 4'X3' RCBC
APPROX. RT. M.L. STA. 4303+20 EX. 5'X5' RCBC
APPROX. RT. M.L. STA. 4324+53 EX. 5'X4' RCBC
APPROX. RT. M.L. STA. 4373+30 EX. 4'X4' RCBC

SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER 100 USABLE PIECES OF THE SALVAGED GUARDRAIL TO THE ELLIOTT COUNTY MAINTENANCE FACILITY AS DIRECTED BY THE ENGINEER - 3287 NORTH KY. 7, SANDY HOOK, KY. 4171. THE REMAINDER OF THE SALVAGED GUARDRAIL SYSTEM MATERIALS ARE TO BE DELIVERED TO THE SIGN SHOP AND RECYCLE CENTER (FORMERLY BAILEY BRIDGE YARD) AT 1224 WILKINSON BLVD. IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT 502-564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00 AM AND 3:00 PM MONDAY THROUGH FRIDAY. THE 'GUARDRAIL DELIVERY VERIFICATION SHEET' MUST BE COMPLETED AT THE JOB SITE AND PROVIDED TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER REPRESENTATIVE WHEN THE SALVAGED MATERIAL IS DELIVERED.

FILE NAME: G:\PWORK\BARRY_BURTON\0146708\GENERAL SUMMARY.DGN

USER: borry-burton
DATE PLOTTED: November 9, 2012

E-SHEET NAME: R0020LSU

MicroStation v8.11.7.443

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ELLIOTT	09-0126.51	R2L

△ REVISED 11-9-12

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 APPROX. RT. M.L. STA. 4211+94 EX. 3'X3' RCBC
 APPROX. RT. M.L. STA. 4253+75 EX. 4'X3' RCBC
 APPROX. RT. M.L. STA. 4303+20 EX. 5'X5' RCBC
 APPROX. RT. M.L. STA. 4324+53 EX. 5'X4' RCBC
 APPROX. RT. M.L. STA. 4373+30 EX. 4'X4' RCBC

FILE NAME: G:\PWORK\BARRY_BURTON\0146708\GENERAL SUMMARY.DGN

USER: borry-burton
DATE PLOTTED: November 9, 2012

E-SHEET NAME: R0020LSU

MicroStation v8.11.7.443

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GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	09-126.51	R2M

ITEM	DESCRIPTION	UNIT	MAINLINE	KY. 885 LT. 4166 + 39	HOG CAMP RD. RT. 4186 + 00	SOUTH KY. 7 CONN. RT. 4264 + 00	KY. 7 TIE FROM APPR. RT. 4264 + 00	KY. 7 TIE RT. 4295 + 50	KY. 7 TIE RT. 4312 + 90	KY. 409 RT. 4317 + 80	APPR. LT. 4326 + 50	NORTH KY. 7 CONN. RT. 4372 + 00	TRAILER PARK LT. 4390 + 32	KY. 3353 LT. 4403 + 99.2	STATE PARK RT. 4416 + 50	PROJECT TOTAL
05966	TOPDRESSING FERTILIZER	TON	41													41
06417	FLEXIBLE DELINEATOR POST-W	EACH	152													152
06418	FLEXIBLE DELINEATOR POST-Y	EACH	155													155
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	79200	⑦												79200
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	130955	⑦												130955
06550	PAVE STRIPING-TEMP REM TAPE-W	LF	13200	⑦												13200
06551	PAVE STRIPING-TEMP REM TAPE-Y	LF	13200	⑦												13200
06568	PAVE MARKING-THERMO STOP BAR-24IN	LF	195	⑦												195
06574	PAVE MARKING-THERMO CURV ARROW	EACH	2	⑦												2
06585	PAVEMENT MARKER TY IVA-MW TEMP	EACH	300	⑦												300
06586	PAVEMENT MARKER TY IVA-MY TEMP	EACH	300	⑦												300
06588	PAVEMENT MARKER TY IVA-BY TEMP	EACH	150	⑦												150
22012NN	CUT AND CAP WATERLINE	EACH	1													1
23821EC	CENTERLINE RUMBLE STRIPS-12 IN	LF	27250													27250
20911ED	HIGH SLUMP 3000 PSI GROUT	CU YD	62													62
08019	CYCLOPEAN STONE RIP RAP	TON	206													206
02562	SIGNS	SO FT	918													918
20738NS112	TEMPORARY CRASH CUSHION	EACH	4													4
00078	CRUSHED AGGREGATE - SIZE NO. 2	TONS	20													20
05985	SEEDING AND PROTECTION	SO YD	598680													598680
02731	STRUCTURE REMOVAL	LS	1	⑩ a.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ b.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ c.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ d.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ e.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ f.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ g.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ h.												1
02731	STRUCTURE REMOVAL	LS	1	⑩ i.												1

NOTES:

- ⑦ SEE SIGNING & STRIPING PLANS FOR LOCATION.
- ⑩ a. APPROX. LT. M.L. STA. 4165+50 EX. 12'X8' RCBC
- b. APPROX. LT. M.L. STA. 4173+01 EX. 4'X2.5' RCBC
- c. APPROX. RT. M.L. STA. 4197+70 EX. 4'X4' RCBC
- d. APPROX. RT. M.L. STA. 4211+94 EX. 3'X3' RCBC
- e. APPROX. RT. M.L. STA. 4253+75 EX. 4'X3' RCBC
- f. APPROX. RT. M.L. STA. 4303+20 EX. 5'X5' RCBC
- g. APPROX. RT. M.L. STA. 4324+53 EX. 5'X4' RCBC
- h. APPROX. RT. M.L. STA. 4373+30 EX. 4'X4' RCBC
- i. APPROX. RT. M.L. STA. 4400+79 EX. 2.5'X2.5' RCBC

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FILE NAME: G:\PWORK\PATRICK_STONE\0146708\GENERAL SUMMARY.DGN

USER: Patrick.Stone
DATE PLOTTED: November 9, 2012

E-SHEET NAME: R0020MSU

MicroStation v8.11.7.443

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06418	FLEXIBLE DELINEATOR POST-Y	EACH	155													155
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	79200													79200
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	130955													130955
06550	PAVE STRIPING-TEMP REM TAPE-W	LF	13200													13200
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02731	STRUCTURE REMOVAL	LS	1													1
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- ⑦ SEE SIGNING & STRIPING PLANS FOR LOCATION.
- ⑩ a. APPROX. LT. M.L. STA. 4165+50 EX. 12'X8' RCBC
- b. APPROX. LT. M.L. STA. 4173+01 EX. 4'X2.5' RCBC
- c. APPROX. RT. M.L. STA. 4197+70 EX. 4'X4' RCBC
- d. APPROX. RT. M.L. STA. 4211+94 EX. 3'X3' RCBC
- e. APPROX. RT. M.L. STA. 4253+75 EX. 4'X3' RCBC
- f. APPROX. RT. M.L. STA. 4303+20 EX. 5'X5' RCBC
- g. APPROX. RT. M.L. STA. 4324+53 EX. 5'X4' RCBC
- h. APPROX. RT. M.L. STA. 4373+30 EX. 4'X4' RCBC
- i. APPROX. RT. M.L. STA. 4400+79 EX. 2.5'X2.5' RCBC

FILE NAME: G:\PWORK\PATRICK_STONE\0146708\GENERAL SUMMARY.DGN

USER: Patrick.Stone
DATE PLOTTED: November 9, 2012

E-SHEET NAME: R0020MSU

MicroStation v8.11.7.443

SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER 100 USABLE PIECES OF THE SALVAGED GUARDRAIL TO THE ELLIOTT COUNTY MAINTENANCE FACILITY AS DIRECTED BY THE ENGINEER - 3287 NORTH KY. 7, SANDY HOOK, KY. 41171. THE REMAINDER OF THE SALVAGED GUARDRAIL SYSTEM MATERIALS ARE TO BE DELIVERED TO THE SIGN SHOP AND RECYCLE CENTER (FORMERLY BAILEY BRIDGE YARD) AT 1224 WILKINSON BLVD. IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT 502-564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00 AM AND 3:00 PM MONDAY THROUGH FRIDAY. THE 'GUARDRAIL DELIVERY VERIFICATION SHEET' MUST BE COMPLETED AT THE JOB SITE AND PROVIDED TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER REPRESENTATIVE WHEN THE SALVAGED MATERIAL IS DELIVERED.

PAVING AREAS

ITEM	S Q U A R E A R R A N G E M E N T										TOTAL PROJECT					
	MAINLINE	HOG CAMP RD. LT. 4166 + 39 KY. 885	SOUTH KY. 7 CONN.-Rt. 4264 + 00 Rt. 4186 + 00	KY. 7 TIE from CONN.-Rt. 4264 + 00 Appr. Rt. 4264 + 50 KY. 7 TIE	Rt. 4295 + 50 KY. 7 TIE	Rt. 4312 + 90 KY. 7 TIE	Rt. 4317 + 80 KY. 409	APPR. LT. 4326 + 50 CONN.-Rt. 4372 + 00 NORTH KY. 7	TRAILER PARK LT. 4390 + 32 KY. 3353	STATE PARK Rt. 4416 + 50		DIVERSIONS	ENTRANCES	MAINTENANCE OF TRAFFIC	FULL DEPTH SHOULDERS FOR MOT	S
95973	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (mainline)															95973
58013	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (paved shoulder)															58013
19935	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (appr. rds. & diversions)															19935
10139	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (entrances)											10139				10139
17911	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (overlay exist. ky 7)															17911
96600	3.5' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (mainline)															96600
98353	3.5' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (1st lift)															98353
69226	3.5' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (paved shoulder)												10586			69226
20157	3.0' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (approach roads & diversions)															20157
10342	2.0' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (entrances)											10342				10342
98353	4' COMPACTED DEPTH CRUSHED STONE BASE (mainline)															98353
10549	4' COMPACTED DEPTH CRUSHED STONE BASE (entrances)											10549				10549
60393	7.5' COMPACTED DEPTH CRUSHED STONE BASE (paved shoulder)															60393
32557	12.25' COMPACTED DEPTH CRUSHED STONE BASE (unpaved shoulder)															32557
20678	8' COMPACTED DEPTH CRUSHED STONE BASE (approach roads & diversions)															20678
4334	6' COMPACTED DEPTH DGA (for MOT - part width construction) LEVELING & WEDGING PG 64-22														4334	4334
15167	3' COMPACTED DEPTH TRAFFIC BOUND BASE (for entrances)														15167	15167
1108															1108	1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS	10586	746	697	1231	624	13884
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS	48817	1812	1138		3552	55319
003	CRUSHED STONE BASE ①	TONS	71597	5193	3022		4319	84131
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
071	CRUSHED AGGREGATE SIZE NO. 57 ①	TONS			298			298
100	ASPHALT SEAL AGGREGATE ③	TONS	597	118				715
103	ASPHALT SEAL COAT ④	TONS	72	14				86
10203ND	PAVEMENT ADJUSTMENT (ASPHALT) ⑥	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,127,564

NOTES

ALL ASHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 100 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS

④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.

⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

⑦ INCLUDES 2341 CU YD FROM PIPE SUMMARY

⑧ EARTHWORK QUANTITIES WERE DERIVED FROM THE INROADS TRIANGLE VOLUMES INSTEAD OF CROSS SECTION END-AREA VOLUMES.

⑨ ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS

EARTHWORK SUMMARY

1,096,571	CU. YDS.	(COMMON)
1,729,289	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,127,564	CU. YDS.	
1,781,020	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,080,383	CU. YDS.	

△ REVISED 11-9-12

ASPHALT ALTERNATE

FILE NAME: G:\PWORK\JASON.LITTLETON\0146708\PAVING SUMMARY.DGN

USER: Jason.Littleton
DATE PLOTTED: November 9, 2012

E-SHEET NAME:

MicroStation v8.11.7.443

PAVING AREAS

ITEM	S Q U A R E Y A R D S										TOTAL PROJECT						
	MAINLINE	HOG CAMP RD. LT. 4166 + 39 KY. 885	SOUTH KY. 7 RT. 4186 + 00	CONN.-RT. 4264 + 00 KY. 7 TIE from	Appr. RT. 4264 + 50 KY. 7 TIE	RT. 4295 + 50 KY. 7 TIE	RT. 4312 + 90 KY. 409	RT. 4317 + 80 APP. RT. 4326 + 50	NORTH KY. 7 CONN.-RT. 4372 + 00	TRAILER PARK LT. 4390 + 32 KY. 3353		STATE PARK RT. 4416 + 50	DIVERSIONS	ENTRANCES	MAINTENANCE OF TRAFFIC	FULL DEPTH SHOULDERS FOR MOT	S
95973																	95973
58013																	58013
19935		22991339	715	357	540	190	1116	773	1781	691	355	698	9081	10139			19935
10139																	10139
17911																	17911
96600																	96600
98353																	98353
69226															10586		69226
20157		23231354	724	361	547	194	1129	785	1800	699	359	706	9176				20157
10342													10342				10342
98353																	98353
10549													10549				10549
60393																	60393
32557																	32557
20678		23801390	744	373	563	203	1159	816	1847	719	371	724	9389				20678
4334																4334	4334
15167																15167	15167
1108																1108	1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS	10586	746	697	1231	624	13884
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS	48817	1812	1138		3552	55319
003	CRUSHED STONE BASE ①	TONS	71597	5193	3022		4319	84131
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
071	CRUSHED AGGREGATE SIZE NO. 57 ①	TONS			298			298
100	ASPHALT SEAL AGGREGATE ③	TONS	597	118				715
103	ASPHALT SEAL COAT ④	TONS	72	14				86
10203ND	PAVEMENT ADJUSTMENT (ASPHALT) ⑥	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,127,564

NOTES

- ALL ASHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.
- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
 - ② ESTIMATED AT 100 LBS. PER SQ. YD. PER INCH OF DEPTH.
 - ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS

- ④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.
- ⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.
- ⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT
- ⑦ INCLUDES 2341 CU YD FROM PIPE SUMMARY

- ⑧ EARTHWORK QUANTITIES WERE DERIVED FROM THE INROADS TRIANGLE VOLUMES INSTEAD OF CROSS SECTION END-AREA VOLUMES.
- ⑨ ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS

△ EARTHWORK SUMMARY

1,096,571	CU. YDS.	(COMMON)
1,729,289	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,127,564	CU. YDS.	
1,781,020	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,080,383	CU. YDS.	

ASPHALT ALTERNATE
PAVING SUMMARY SHEET

PAVING AREAS

ITEM	S	Q	U	A	R	E	Y	A	ENTRANCES	DIVERSIONS	TRAFFIC MAINTENANCE OF ENTRANCES	FULL DEPTH SHOULDERS FOR MOT	TOTAL PROJECT
8" JPC PAVEMENT (mainline)	95973												106251
6" JPC PAVEMENT (paved shoulder)	47735											10278	47735
1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (appr. rds. & diversions)		22991339	715	357	540	190	1116	773	1781	691	355	698	19935
1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (entrances)													10139
1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (overlay exist. ky 7)	17911												17911
3.0" COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (approach roads & diversions)		23231354	724	361	547	194	1129	785	1800	699	359	706	20157
2.0" COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (entrances)													10342
4" COMPACTED DEPTH CRUSHED STONE BASE (mainline)	98353												98353
4" COMPACTED DEPTH CRUSHED STONE BASE (entrances)													10549
6.25" COMPACTED DEPTH CRUSHED STONE BASE (paved shoulder)	60393												60393
12.25" COMPACTED DEPTH CRUSHED STONE BASE (unpaved shoulder)	32557												32557
8" COMPACTED DEPTH CRUSHED STONE BASE (approach roads & diversions)		23801390	744	373	563	203	1159	816	1847	719	371	724	20678
6" COMPACTED DEPTH DGA (for MOT - part width construction)													4334
LEVELING & WEDGING PG 64-22													15167
3" COMPACTED DEPTH TRAFFIC BOUND BASE (for entrances)													1108
													4334
													15167
													1108
													4334
													15167
													1108
													4334
													15167
													1108
													4334
													15167
													1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE OF TRAFFIC & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS		746	697	1231	624	3298
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS		1812	1138		1514	4464
003	CRUSHED STONE BASE ①	TONS	67257	5193	3022		4319	79791
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
100	ASPHALT SEAL AGGREGATE ③	TONS	597	118				715
103	ASPHALT SEAL COAT ②	TONS	72	14				86
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
2078	JPC PAVEMENT 6 IN. SHOULDER	SO. YDS.						47735
2084	JPC PAVEMENT 8 IN.	SO. YDS.						106251
10203ND	PAVEMENT ADJUSTMENT (CONCRETE)	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,126,771

NOTES

ALL ASHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS
- ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS

④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.

⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

⑦ INCLUDES 2341 CU YD FROM PIPE SUMMARY

⑧ EARTHWORK QUANTITIES WERE DERIVED FROM THE INROADS TRIANGLE VOLUMES INSTEAD OF CROSS SECTION END-AREA VOLUMES.

EARTHWORK SUMMARY

1,138,994	CU. YDS.	(COMMON)
1,686,073	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,126,771	CU. YDS.	
1,761,756	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,061,119	CU. YDS.	

**CONCRETE ALTERNATE 'A'
CONCRETE SHOULDERS**

PAVING AREAS

ITEM	S Q U A R E Y A R D S										TOTAL PROJECT				
	MAINLINE	HOG CAMP RD. Lt. 4166 + 39 KY. 885	SOUTH KY. 7 CONN.-Rt. 4264 + 00	KY. 7 TIE from Appr. Rt. 4264 + 00	KY. 7 TIE Rt. 4295 + 50	KY. 7 TIE Rt. 4312 + 90	KY. 409 Rt. 4317 + 80	APPR. LT. 4326 + 50 CONN.-Rt. 4372 + 00	TRAILER PARK Lt. 4390 + 32 KY. 3353 Lt. 4403 + 99.2	STATE PARK Rt. 4416 + 50		DIVERSIONS	ENTRANCES	MAINTENANCE OF TRAFFIC	FULL DEPTH SHOULDERS
95973															106251
47735															47735
	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (appr. rds. & diversions)	22991339	715	357	540	190	1116	773	1781	691	355	698	9081		19935
	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (entrances)														10139
	1.25' COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (overlay exist. ky 7)	17911													17911
	3.0' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (approach roads & diversions)		23231354	724	361	547	194	1129	785	1800	699	706	9176		20157
	2.0' COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (entrances)														10342
	4' COMPACTED DEPTH CRUSHED STONE BASE (mainline)	98353													98353
	4' COMPACTED DEPTH CRUSHED STONE BASE (entrances)														10549
	6.25' COMPACTED DEPTH CRUSHED STONE BASE (paved shoulder)	60393													60393
	12.25' COMPACTED DEPTH CRUSHED STONE BASE (unpaved shoulder)	32557													32557
	8' COMPACTED DEPTH CRUSHED STONE BASE (approach roads & diversions)		23801390	744	373	563	203	1159	816	1847	719	371	9389		20678
	6' COMPACTED DEPTH DGA (for MOT - part width construction)														4334
	LEVELING & WEDGING PG 64-22														15167
	3' COMPACTED DEPTH TRAFFIC BOUND BASE (for entrances)														1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE OF TRAFFIC & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS		746	697	1231	624	3298
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS		1812	1138		1514	4464
003	CRUSHED STONE BASE ①	TONS		5193	3022		4319	79791
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
100	ASPHALT SEAL AGGREGATE ③	TONS		118				715
103	ASPHALT SEAL COAT ②	TONS		14				86
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
2078	JPC PAVEMENT 6 IN. SHOULDER	SO. YDS.						47735
2084	JPC PAVEMENT 8 IN.	SO. YDS.						106251
10203ND	PAVEMENT ADJUSTMENT (CONCRETE)	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,126,771

NOTES

ALL ASHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS
- ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS

④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.

⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

⑦ INCLUDES 2341 CU YDS FROM PIPE SUMMARY

⑧ EARTHWORK QUANTITIES WERE DERIVED FROM THE INROADS TRIANGLE VOLUMES INSTEAD OF CROSS SECTION END-AREA VOLUMES.

EARTHWORK SUMMARY

1,138,994	CU. YDS.	(COMMON)
1,686,073	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,126,771	CU. YDS.	

1,761,756	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,061,119	CU. YDS.	

CONCRETE ALTERNATE 'A' CONCRETE SHOULDERS

△ REVISED 11-9-12

PAVING AREAS

ITEM	S Q U A R E A R R A N G E M E N T										TOTAL PROJECT							
	MAINLINE	HO G CAMP RD. Lt. 4166 + 39 KY, 885	SOUTH KY, 7 CONN.-Rt. 4264 + 00	KY, 7 TIE from CONN.-Rt. 4264 + 00	KY, 7 TIE Appr. Rt. 4264 + 00	Rt. 4295 + 50 KY, 7 TIE	Rt. 4312 + 90 KY, 409	Rt. 4317 + 80 KY, 409	APPR. LT. 4326 + 50 CONN.-Rt. 4372 + 00	NORTH KY, 7 CONN.-Rt. 4372 + 00		TRAILER PARK Lt. 4390 + 32 KY, 3353	Lt. 4403 + 99.2 STATE PARK Rt. 4416 + 50	DIVERSIONS	ENTRANCES	MAINTENANCE OF TRAFFIC	FULL DEPTH SHOULDERS FOR MOT	S
95973	8" JPC PAVEMENT (mainline)																	95973
58013	1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (paved shoulder)																	58013
19935	1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (appr. rds. & diversions)	2299	1339	715	357	540	190	1116	773	1781	691	355	698	9081				19935
10139	1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (entrances)														10139			10139
17911	1.25" COMPACTED DEPTH CL2 ASPH. SURF. 0.380 PG 64-22 (overlay exist. ky 7)																	17911
58640	3.5" COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (paved shoulder)																	58640
	3.0" COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (approach roads & diversions)	2323	1354	724	361	547	194	1129	785	1800	699	359	706	9176			10586	69226
	2.0" COMPACTED DEPTH CL2 ASPH. BASE 1.00 PG 64-22 (entrances)														10342			20157
98353	4" COMPACTED DEPTH CRUSHED STONE BASE (mainline)														10342			10342
	4" COMPACTED DEPTH CRUSHED STONE BASE (entrances)														10549			98353
60393	7.5" COMPACTED DEPTH CRUSHED STONE BASE (paved shoulder)																	60393
32557	12.25" COMPACTED DEPTH CRUSHED STONE BASE (unpaved shoulder)																	32557
	8" COMPACTED DEPTH CRUSHED STONE BASE (approach roads & diversions)	2380	1390	744	373	563	203	1159	816	1847	719	371	724	9389				20678
	6" COMPACTED DEPTH DGA (for MOT - part width construction)																	4334
	LEVELING & WEDGING PG 64-22																	15167
	3" COMPACTED DEPTH TRAFFIC BOUND BASE (for entrances)														1108			1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS	3988	746	697	1231	624	7286
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS	11288	1812	1138		3552	17790
003	CRUSHED STONE BASE ①	TONS	71597	5193	3022		4319	84131
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
100	ASPHALT SEAL AGGREGATE ③	TONS	597	118				715
103	ASPHALT SEAL COAT ②	TONS	72	14				86
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
2084	JPC PAVEMENT 8 IN.	SO. YDS.						95973
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑥	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,126,771

NOTES

ALL ASHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS
- ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS

④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.

⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT

⑦ INCLUDES 2341 CU YD FROM PIPE SUMMARY

⑧ EARTHWORK QUANTITIES WERE DERIVED FROM THE INROADS TRIANGLE VOLUMES INSTEAD OF CROSS SECTION END-AREA VOLUMES.

EARTHWORK SUMMARY

1,138,994	CU. YDS.	(COMMON)
1,686,073	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,126,771	CU. YDS.	
1,761,756	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,061,119	CU. YDS.	

**CONCRETE ALTERNATE 'B'
PAVING SUMMARY SHEET**

REVISD 11-9-12

CONCRETE ALTERNATE 'B' ASPHALT SHOULDERS

MicroStation v8.11.7.443 E-SHEET NAME: USER: Patrick.Stone DATE PLOTTED: November 9, 2012 FILE NAME: G:\PWORK\PATRICK.STONE\0146708\PAVING SUMMARY.DGN

PAVING AREAS

ITEM	S Q U A R E Y A R D S										TOTAL PROJECT	
	MAINLINE	HOG CAMP RD. Lt. 4166 + 39 Ky. 885	SOUTH KY. 7 CONN.-Rt. 4264 + 00	KY. 7 TIE from Appr. Rt. 4264 + 00	KY. 7 TIE Rt. 4295 + 50	KY. 7 TIE Rt. 4312 + 90	KY. 409 Rt. 4317 + 80	APPR. LT. 4326 + 50	NORTH KY. 7 CONN.-Rt. 4372 + 00	TRAILER PARK Lt. 4390 + 32 KY. 3353		STATE PARK Lt. 4403 + 99.2 Rt. 4416 + 50
95973												95973
58013												58013
19935												19935
10139												10139
17911												17911
58640												58640
98353												98353
60393												60393
32557												32557
20678												20678
4334												4334
15167												15167
1108												1108

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	MAINLINE	APPROACH ROADS	ENTRANCES	OVERLAY Exist. Ky. 7	MAINTENANCE & DIVERSIONS	TOTAL PROJECT
301	CL2 ASPH. SURF. 0.380 PG 64-22	TONS	3988	746	697	1231	624	7286
212	CL2 ASPH. BASE 1.00 PG 64-22	TONS	11288	1812	1138		3552	17790
003	CRUSHED STONE BASE ①	TONS	71597	5193	3022		4319	84131
001	DGA BASE ①	TONS					1495	1495
190	LEVELING & WEDGING PG 64-22	TONS					626	626
100	ASPHALT SEAL AGGREGATE ③	TONS	597	118				715
103	ASPHALT SEAL COAT ②	TONS	72	14				86
020	TRAFFIC BOUND BASE ② (FOR ENTRANCES)	TONS			166			166
2084	JPC PAVEMENT 8 IN.	SO. YDS.						95973
10203ND	PAVEMENT ADJUSTMENT (CONCRETE) ⑥	LS	1					1
2200	ROADWAY EXCAVATION ④ ⑤ ⑦ ⑧	CU. YD.						3,126,771

NOTES

- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
- ② ESTIMATED AT 2.4 LBS./SQ. YD. - 2 APPLICATIONS
- ③ ESTIMATED AT 20 LBS./SQ. YD. - 2 APPLICATIONS
- ④ INCLUDES TOTALS FOR EMBANKMENT BENCHING, TRANSVERSE BENCHING, SURFACE DITCHES, TEMPORARY SILT DITCHES AND DITCH EXCAVATION FOR PIPES AND BOX CULVERTS.
- ⑤ THE CONTRACTOR IS ADVISED THAT EARTHWORK QUANTITIES SHOWN IN THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND ARE BASED ON THE ASPHALT PAVEMENT ALTERNATE. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.
- ⑥ SEE PROPOSAL FOR SPECIAL NOTE FOR ALTERNATE PAVEMENT BID ADJUSTMENT
- ⑦ INCLUDES 2341 CU YDS FROM PIPE SUMMARY

EARTHWORK SUMMARY

1,138,994	CU. YDS.	(COMMON)
1,686,073	CU. YDS.	(SOLID ROCK)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,341	CU. YDS.	(PIPE SUMMARY)
3,126,771	CU. YDS.	
1,761,756	CU. YDS.	(EMBANKMENT)
205,624	CU. YDS.	(TRANSVERSE BENCHING COMMON)
38,739	CU. YDS.	(TRANSVERSE BENCHING ROCK)
55,000	CU. YDS.	(EMBANKMENT BENCHING)
2,061,119	CU. YDS.	

CONCRETE ALTERNATE 'B'
PAVING SUMMARY SHEET

PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R20

SHEET NO.	SKEW	CULVERT PIPE														SAFELOADING	18" S&F BOX INLET-OUTLET	24" S&F BOX INLET-OUTLET	30" S&F BOX INLET-OUTLET	36" S&F BOX INLET-OUTLET	PIPELINE VIDEO INSPECTION	DITCH EXC.	FABRIC GEOTEXTILE TYPE IV (for pipe)	CLASS 'A' CONCRETE	STEEL REINF.	REMARKS									
		18"	24"	30"	36"	36" RCP NO ALTERNATES	42"	48"	54"	60"	60" EQUIV. ELLIPTICAL CULVERT PIPE	72"	BORE & JACK PIPE 24"	BORE & JACK PIPE 30"	BORE & JACK PIPE 36"												ENTRANCE PIPE 15"	ENTRANCE PIPE 18"	ENTRANCE PIPE 24"	ENTRANCE PIPE 30"					
		462	464	466	468	468	469	470	471	472	501	474	21799EN	21800EN	24186EC												440	441	443	445	2690	1450	1451	1452	1453
UNIT TO BID		LINEAR FEET														CU. YD.	EACH				LIN. FT.	CU. YD.	SQ. YD.	CU. YD.	LBS.										
	4173+07.8	15° R+							198														198	118	1672	8.16	610	2-60" EQ. ELIP. S&F HDWLS.							
	4184+93	10° R+			121																	1	121	43	538	2.15	182	1-36" S&F HDWLS.							
	4198+01.7	35° R+					194																194	20	1472	7.82	583	2-54" S&F HDWLS.							
	4211+61.8	20° R+					252																252	25	1904	7.82	583	2-54" S&F HDWLS.							
	4248+61	50° L+			260						115												260	11	1156	4.30	363	2-36" S&F HDWLS.							
	4253+68	0°					225 ^①																225	38	1600	6.53	496	2-48" S&F HDWLS.							
	4261+52.8	30° R+			117																		117	42	520	2.15	182	1-36" S&F HDWL.							
	4266+50	0°		111																		1	111	29	444	1.68	141	1-30" S&F HDWL.							
	4275+39.3	10° L+					245 ^①																245	24	1742	6.53	496	2-48" S&F HDWLS.							
	4278+45	15° L+					248																248	124	1764	6.53	496	2-48" S&F HDWLS.							
	4284+20	0°	138 ^①																				1	138	16	429	0.93	8	1-18" S&F HDWL.						
	4287+26.4	5° R+			213																		213	56	947	4.30	363	2-36" S&F HDWLS.							
	4293+48.2	0°			177																		177	10	787	4.30	363	2-36" S&F HDWLS.							
	4300+29.2	5° L+		92																			92	48	360										
	4303+27.4	5° R+							122														122	10	987	20.95	1571	2-72" S&F HDWLS.							
	4309+48	15° R+					84 ^①																84	57	560	5.35	430	2-42" S&F HDWLS.							
	4333+14.6	28° R+					434																434	11	1929	14.02 ^②	363	2-36" S&F HDWLS.							
	4382+10	0°			165 ^①																		1	165	23	733	2.15	182	1-36" S&F HDWL.						
	4390+75	0°		124 ^①							42												5	124	29	496	3.36	281	2-30" S&F HDWLS.						
	4402+15	0°					162 ^①																2	162	25	1080	5.35	430	2-42" S&F HDWLS.						
	4410+84	0°	127 ^①								40												3	127	13	452									
	KY. 885																																		
	46+50	10° R+		82																															
	49+26.9	15° R+		50																					2	17	328								
	HOG CAMP ROAD																																		
	54+55.2	10° L+			52																						11	231	4.30	363	2-36" S&F HDWLS.				
	HOG CONN. #1																																		
	9+32.9	15° L+	84																										2	261					
	APPR. LT. 4326+50																																		
	46+05	20° L+	30																																
	48+42.4	50° R+	186 ^①																																
	APPR. RT. 4372+00																																		
	52+32	0°		150 ^①																															
	Entr. Lt. 4174+31				50																														
	Entr. Lt. 4199+30								78																										
	Entr. Lt. 4213+75						68																												
	Entr. Lt. 4218+10						68																												
	Entr. Lt. 4220+30				72																														
	Entr. off Old Ky. 7																																		
	129.5' Rt. 4259+59								67																										
	Entr. Lt. 4402+84				62																														
	BOX CULVERTS																																		1473
	TOTAL PROJECT		438	277	459	1289	434	382	718	446	145	198	122	40	42	115	407	282	275	139	99	3	2	7	3	3809	2341	23,797	125.10	8534					

① NO RCP ALTERNATE

② INCLUDES 9.72 CU. YDS. FOR 3-36" INTERMEDIATE PIPE ANCHORS

FILE NAME: G:\P\WORK\BARRY_BURTON\DD146708\DRAINAGE SUMMARY.DGN

USER: borry.burton
DATE PLOTTED: November 9, 2012

E-SHEET NAME:

MicroStation v8.11.7.443

PIPE DRAINAGE SUMMARY

REVISION 11-9-12

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R20

SHEET NO.	SKREW	18" CULVERT PIPE	24" CULVERT PIPE	30" CULVERT PIPE	36" CULVERT PIPE	36" RCP NO ALTERNATES	42" CULVERT PIPE	48" CULVERT PIPE	54" CULVERT PIPE	60" CULVERT PIPE	60" EQUIV. ELLIPTICAL CULVERT PIPE	72" CULVERT PIPE	24" BORE & JACK PIPE	30" BORE & JACK PIPE	36" BORE & JACK PIPE	15" ENTRANCE PIPE	18" ENTRANCE PIPE	24" ENTRANCE PIPE	30" ENTRANCE PIPE	SAFELOADING	18" S&F BOX INLET-OUTLET	24" S&F BOX INLET-OUTLET	30" S&F BOX INLET-OUTLET	36" S&F BOX INLET-OUTLET	PIPELINE VIDEO INSPECTION	DITCH EXC.	FABRIC GEOTEXTILE TYPE IV (for pipe)	CLASS 'A' CONCRETE	STEEL REINF.	REMARKS		
ITEM CODE		462	464	466	468	468	469	470	471	472	501	474	21799EN	21800EN	24186EC	440	441	443	445	2690	1450	1451	1452	1453	23131ER701		2600	8100	8150			
UNIT TO BID		LINEAR FEET																		CU. YD.	EACH				LIN. FT.	CU. YD.	SQ. YD.	CU. YD.	LBS.			
	4173+07.8										198															198	118	1672	8.16	610	2-60" EQ. ELIP. S&F HDWLS.	
	4184+93				121																				1	121	43	538	2.15	182	1-36" S&F HDWLS.	
	4198+01.7								194																	194	20	1472	7.82	583	2-54" S&F HDWLS.	
	4211+61.8								252												23					252	25	1904	7.82	583	2-54" S&F HDWLS.	
	4248+61				260										115						8					260	11	1156	4.30	363	2-36" S&F HDWLS.	
	4253+68									225 ^①											58					225	38	1600	6.53	496	2-48" S&F HDWLS.	
	4261+52.8				117																				1	117	42	520	2.15	182	1-36" S&F HDWL.	
	4266+50				111																					111	29	444	1.68	141	1-30" S&F HDWL.	
	4275+39.3																									245	24	1742	6.53	496	2-48" S&F HDWLS.	
	4278+45								248																	248	124	1764	6.53	496	2-48" S&F HDWLS.	
	4284+20		138 ^①																								138	16	429	0.93	8	1-18" S&F HDWL.
	4287+26.4				213																					213	56	947	4.30	363	2-36" S&F HDWLS.	
	4293+48.2				177																					177	10	787	4.30	363	2-36" S&F HDWLS.	
	4300+29.2				92																					92	48	360				
	4303+27.4											122															122	10	987	20.95	1571	2-72" S&F HDWLS.
	4309+48									84 ^①																	84	57	560	5.35	430	2-42" S&F HDWLS.
	4333+14.6					434																				434	11	1929	14.02 ^②	363	2-36" S&F HDWLS.	
	4382+10				165 ^①																						165	23	733	2.15	182	1-36" S&F HDWL.
	4390+75				124 ^①																5						124	29	496	3.36	281	2-30" S&F HDWLS.
	4402+15						162 ^①														2						162	25	1080	5.35	430	2-42" S&F HDWLS.
	4410+84				127 ^①								40								3		2				127	13	452			
	KY. 885																															
	46+50				82																											
	49+26.9				50																											
	HOG CAMP ROAD																															
	54+55.2				52																							11	231	4.30	363	2-36" S&F HDWLS.
	HOG CONN. #1																															
	9+32.9				84																		2									
	APPR. LT. 4326+50																															
	46+05				30																											
	48+42.4				186 ^①																											
	APPR. RT. 4372+00																															
	52+32				150 ^①																											
	Entr. Lt. 4174+31																															
	Entr. Lt. 4199+30				50																											
	Entr. Lt. 4213+75										68																					
	Entr. Lt. 4218+10										68																					
	Entr. Lt. 4220+30																															
	Entr. off Old Ky. 7																															
	129.5' Rt. 4259+59																															
	Entr. Lt. 4402+84																															
	BOX CULVERTS																															
	TOTAL PROJECT	438	277	459	1289	434	382	718	446	145	198	122	40	42	115	407	282	275	139	99	3	2	7	3	3809	2341	23,797	125.10	8534			

42

42

① NO RCP ALTERNATE
 ② INCLUDES 9.72 CU. YDS. FOR 3-36" INTERMEDIATE PIPE ANCHORS

PIPE DRAINAGE SUMMARY

FILE NAME: C:\PW\WORK\BARRY_BURTON\0146708\DRAINAGE SUMMARY.DGN
 USER: borry.burton
 DATE PLOTTED: November 9, 2012
 E-SHEET NAME:
 MicroStation v8.11.7.443

DATUM

755

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R8

DATUM

750

745

740

735

730

725

720

715

710

705

700

695

690

685

680

675

670

665

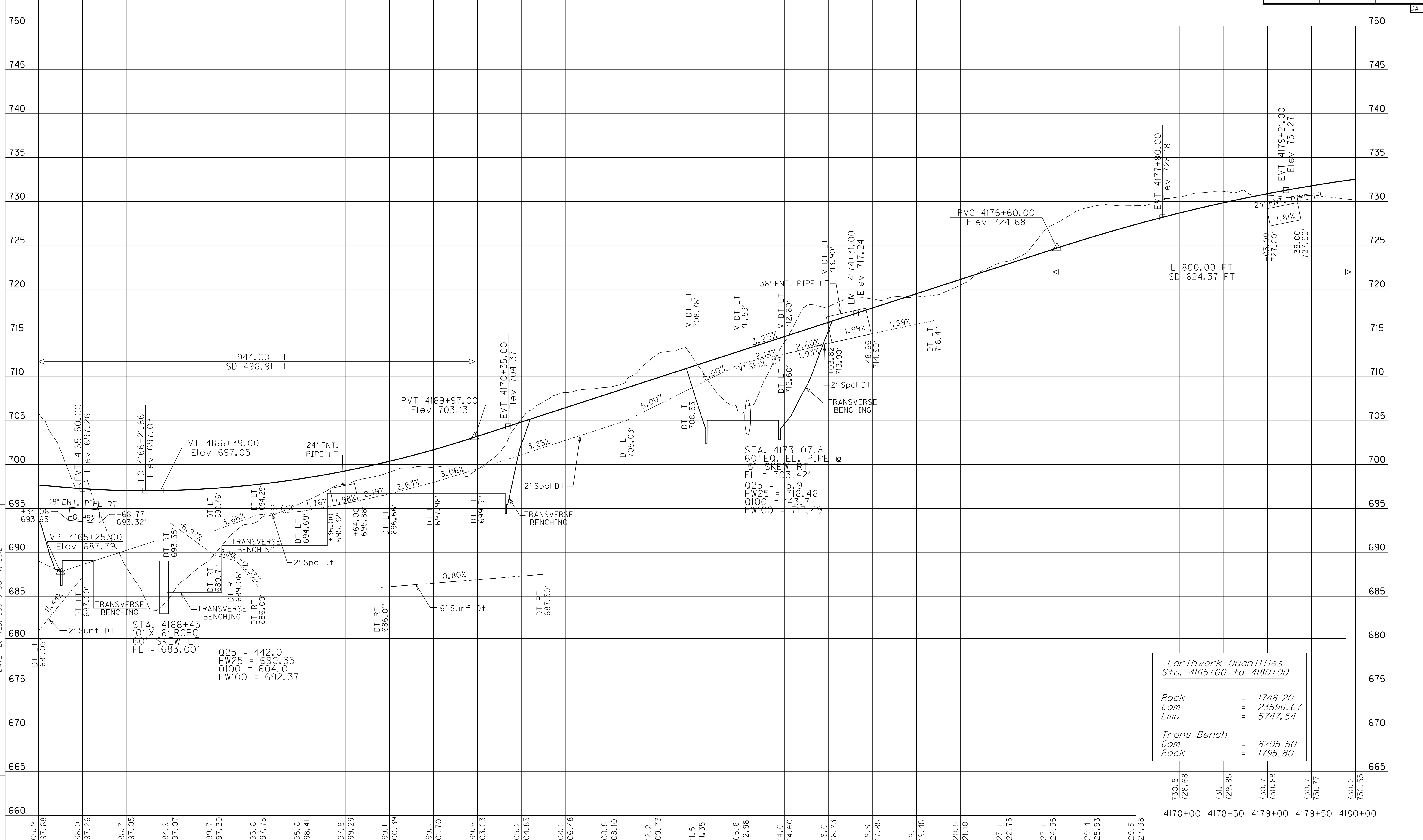
660

FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K7-PR3.DGN

USER: Wendy.Southworth
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R00800PF

MicroStation v8.11.7.443



Earthwork Quantities Sta. 4165+00 to 4180+00	
Rock	= 1748.20
Com	= 23596.67
Emb	= 5747.54
Trans Bench	
Com	= 8205.50
Rock	= 1795.80

730.5	728.68	731.1	729.85	730.7	730.88	730.7	731.77	730.2	732.53
4178+00	4178+50	4179+00	4179+50	4180+00					

PROFILE SHEET
STA. 4165+00 TO STA. 4180+00

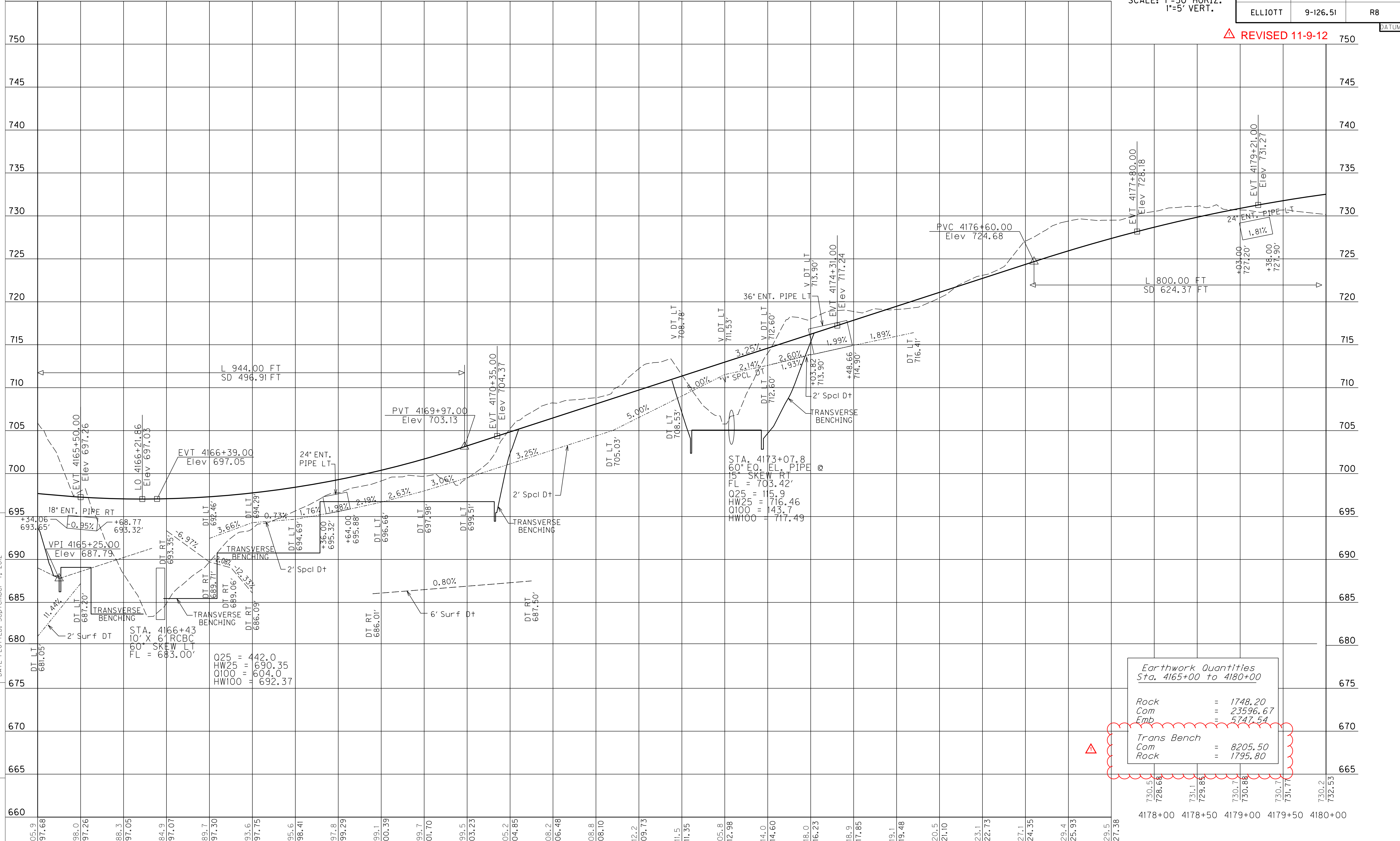
DATUM
755

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R8

REVISD 11-9-12

FILE NAME: G:\PWORK\WENDY_SOUTH\WORTH\00184031\K7-PR3.DGN
USER: Wendy_Southworth
DATE PLOTTED: September 7, 2012
E-SHEET NAME: R00800PF
MicroStation v8.11.7.443



Earthwork Quantities Sta. 4165+00 to 4180+00	
Rock	= 1748.20
Com	= 23596.67
Emb	= 5747.54
Trans Bench	
Com	= 8205.50
Rock	= 1795.80

4165+00 4165+50 4166+00 4166+50 4167+00 4167+50 4168+00 4168+50 4169+00 4169+50 4170+00 4170+50 4171+00 4171+50 4172+00 4172+50 4173+00 4173+50 4174+00 4174+50 4175+00 4175+50 4176+00 4176+50 4177+00 4177+50

705.9
697.68
698.0
697.26
688.3
697.05
684.9
697.07
689.7
697.30
693.6
697.75
695.6
698.41
697.8
699.29
699.1
700.39
699.7
701.70
699.5
703.23
705.2
704.85
708.2
706.48
708.8
708.10
712.2
709.73
711.5
711.35
705.8
712.98
714.0
714.60
718.0
716.23
718.9
717.85
719.1
719.48
720.5
721.10
723.1
722.73
727.1
724.35
729.4
725.93
729.5
727.38

4178+00 4178+50 4179+00 4179+50 4180+00

PROFILE SHEET
STA. 4165+00 TO STA. 4180+00

P.I. STA. 4207+40.76
Delta= 49°03'38.06" Rt.
Ts= 1312.36'
Ls= 160.00'
Lc= 2151.93'
Theta= 1°41'51.55"
LT= 106.67'
ST= 53.34'
R= 2700.00'
Es= 268.31'
e= 4.80%
Runoff= Spcl. Trans.(Back)
160.00'(Ahead)
Runout= See X-Sects(Back)
66.66'(Ahead)

P.I. STA. 4187+62.24
Delta= 69°38'54.07" Lt.
Ts= 801.88'
Ls= 210.00'
Lc= 1005.59'
Theta= 6°00'57.80"
LT= 140.08'
ST= 70.07'
R= 1000.00'
Es= 220.40'
e= 8.00%
Runoff= 210.00'(Back)
Spcl. Trans.(Ahead)
Runout= 52.50'(Back)
See X-Sects(Ahead)

STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
4181+50 - 4184+97	SPCL. RDWY. DT.	ECB	213 SY	-	-
4185+10 - 4187+00	SPCL. RDWY. DT.	ECB	184 SY	-	-

STA.	SKEW	LT./RT.	WIDTH	RADIUS	LENGTH	ASPH. AREA (sq.yd.)	T.B.B. AREA (sq.yd.)	ENTRANCE PIPE
4181+15	0°	LT.	10'	25'	218'	251		

ENTRANCE LT.
STA. 4181+15
PI STA. 7+84.70
Delta= 20°05'17" Rt.
R=50'
PI STA. = 9+30.06
Delta=75°55'29" Lt.
R=35'
TIE STA. = 7+60

ENTRANCE RT.
STA. 4181+15
PI STA. 11+12.24
Delta= 48°31'19" Rt.
R=100'
TIE STA. = 12+16.71

85' RT. STA. 4192+40 CONST. 37.5 L.F. OF STEEL "W" BEAM GUARDRAIL - S FACE & 2 TERMINAL SECTIONS - NO. 1

OFFSET	STATION	OFFSET	STATION	QUANTITY
84.7' RT	4192+43.3 TO	75.4' RT	4194+35	325 SY
APPR. RT. STA. 4186+00				
102.6' RT	51+60 TO	114.8' RT	52+43	155 SY
106.3' RT	52+64 TO	64.4' RT	53+12	100 SY

STA. 4184+93 @ 10° SK. RT.
CONST. 21 LF OF 8.5'-3' OUTLET DITCH W/20 TONS OF CYCLOPEAN STONE CHANNEL LINING (T=2.0', D=1') AND 4.2 CY OF GROUT

HOG CAMP ROAD
STA. 52+22.51 @ 30° SK. RT.
CONST. 20 LF OF 5'-17" INLET DITCH W/37 CY OF CLASS IV CHANNEL LINING (T=2.0', D=1.0')

HOG CAMP ROAD
STA. 52+22.51 @ 30° SK. RT.
CONST. 20 LF OF 17'-5" OUTLET DITCH W/37 CY OF CLASS IV CHANNEL LINING (T=2.0', D=1.0')

HOG CAMP ROAD
STA. 54+55.2 @ 10° SK. LT.
CONST. 5 LF OF 8.5 INLET DITCH W/5 CY OF CLASS IV CHANNEL LINING (T=2.0', D=1.0')

HOG CAMP ROAD
STA. 54+55.2 @ 10° SK. LT.
CONST. 5 LF OF 8.5 OUTLET DITCH W/5 CY OF CLASS IV CHANNEL LINING (T=2.0', D=1.0') AND 1.5 CY OF GROUT

- (A) S66°48'51"W - 139.32'
- (B) S69°39'39"W - 127.53'
- (C) S71°43'41"W - 49.03'
- (D) N60°34'38"W - 125.70'
- (E) N16°49'02"W - 31.94'
- (F) S46°07'56"E - 17.43'
- (G) S35°49'47"E - 23.19'
- (H) N51°08'27"W - 35.90'
- (I) S40°16'00"E - 16.74'
- (J) S17°35'42"E - 21.09'
- (K) S56°55'12"W - 33.01'
- (L) N65°49'38"W - 94.49'
- (M) R=700.00'
L=189.68'
LC=189.10'
S64°27'47"W
- (N) S33°54'27"E - 10.00'
- (O) S52°50'02"W - 117.04'
- (P) S42°18'11"E - 31.28'
- (Q) N66°48'53"E - 128.93'

PI 53+41.78
Delta = 70°12'07.86"
T = 126.51'
L = 220.55'
R = 180.00'
E = 40.01'

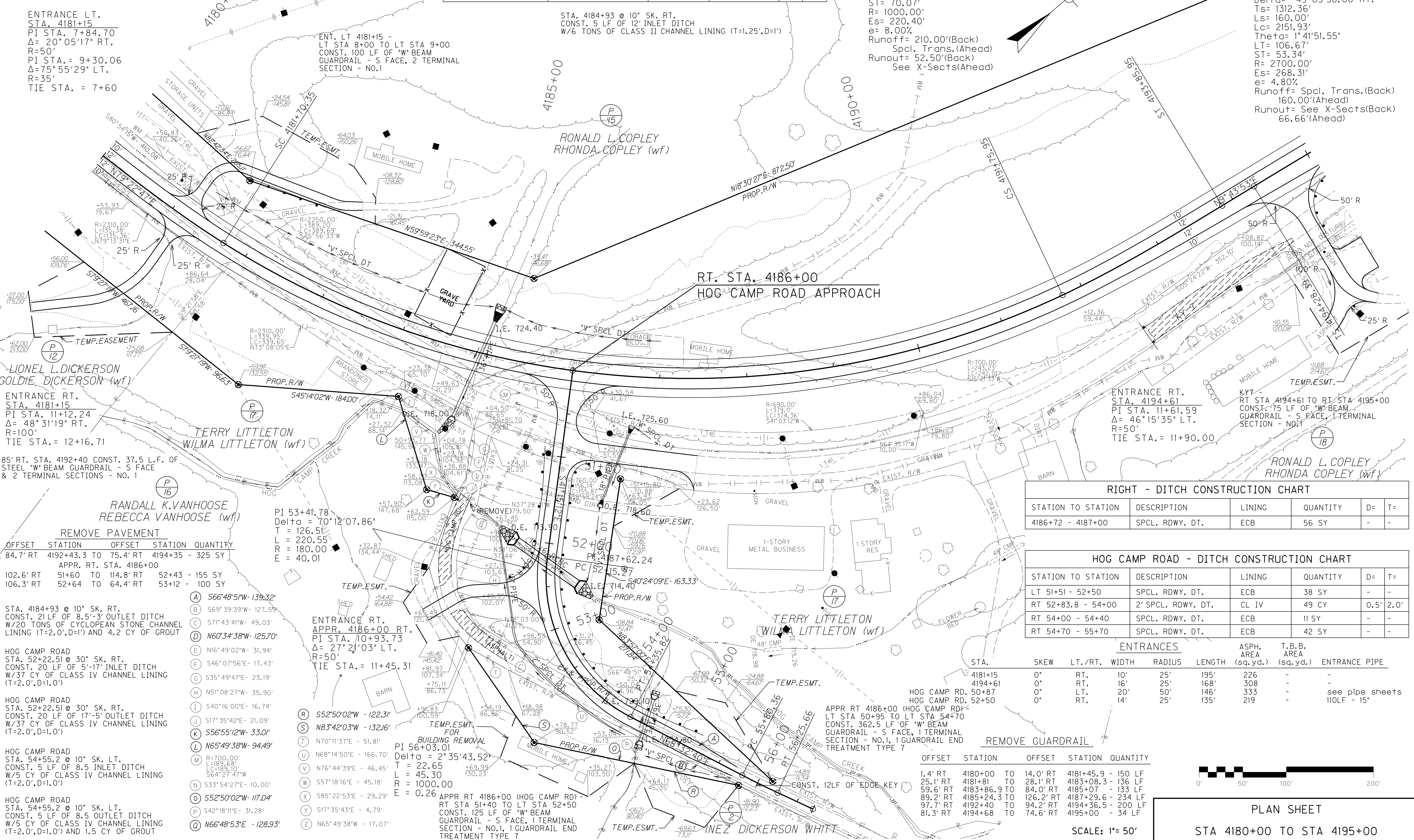
ENTRANCE RT.
APPR. 4186+00 RT.
PI STA. 10+93.73
Delta = 27°21'03" Lt.
R=50'
TIE STA. = 11+45.31

PI 56+03.01
Delta = 2°35'43.52"
T = 22.65'
L = 45.30'
R = 1000.00'
E = 0.26'

APPR RT 4186+00 (HOG CAMP RD)
RT STA 51+40 TO LT STA 52+50
CONST. 125 LF OF "W" BEAM GUARDRAIL - S FACE, 1 TERMINAL SECTION - NO.1, 1 GUARDRAIL END TREATMENT TYPE 7

STA. 4184+93 @ 10° SK. RT.
CONST. 5 LF OF 12" INLET DITCH W/6 TONS OF CLASS II CHANNEL LINING (T=1.25', D=1')

FILE NAME: G:\PWORK\BARRY_BURTON\084031\K7-PL4.DGN
USER: borryy.burton
DATE PLOTTED: November 9, 2012
E-SHEET NAME: R00900PL
MicroStation v8.11.7.443

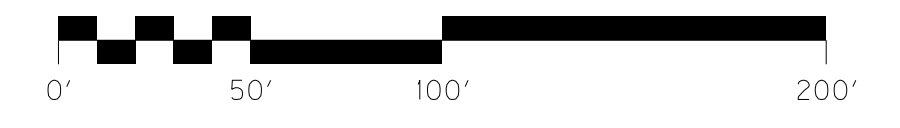


STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
4186+72 - 4187+00	SPCL. RDWY. DT.	ECB	56 SY	-	-

STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
LT 51+51 - 52+50	SPCL. RDWY. DT.	ECB	38 SY	-	-
RT 52+83.8 - 54+00	2' SPCL. RDWY. DT.	CL IV	49 CY	0.5'	2.0'
RT 54+00 - 54+40	SPCL. RDWY. DT.	ECB	11 SY	-	-
RT 54+70 - 55+70	SPCL. RDWY. DT.	ECB	42 SY	-	-

STA.	SKEW	LT./RT.	WIDTH	RADIUS	LENGTH	ASPH. AREA (sq.yd.)	T.B.B. AREA (sq.yd.)	ENTRANCE PIPE
4181+15	0°	RT.	10'	25'	195'	226	-	-
4194+61	0°	RT.	16'	25'	168'	308	-	-
50+87	0°	LT.	20'	50'	146'	333	-	see pipe sheets
52+50	0°	RT.	14'	25'	135'	219	-	110LF - 15'

OFFSET	STATION	OFFSET	STATION	QUANTITY
1.4' RT	4180+00 TO	14.0' RT	4181+45.9	150 LF
25.1' RT	4181+81 TO	28.1' RT	4183+08.3	136 LF
59.6' RT	4183+86.9 TO	84.0' RT	4185+07	133 LF
89.2' RT	4185+24.3 TO	126.2' RT	4187+29.6	234 LF
97.7' RT	4192+40 TO	94.2' RT	4194+36.5	200 LF
81.3' RT	4194+68 TO	74.6' RT	4195+00	34 LF



PLAN SHEET

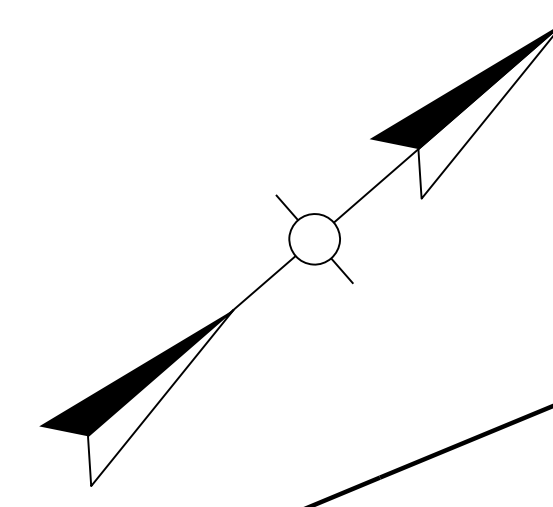
SCALE: 1" = 50'
STA 4180+00 TO STA 4195+00

REVISION 11-9-12

P.I. STA. 4207+40.76
 Delta= 49°03'38.06" Rt.
 Ts= 1312.36'
 Ls= 160.00'
 Lc= 2151.93'
 Theta= 1°41'51.55"
 LT= 106.67'
 ST= 53.34'
 R= 2700.00'
 Es= 268.31'
 e= 4.80%
 Runoff= Spcl. Trans.(Back)
 160.00'(Ahead)
 Runout= See X-Sects(Back)
 66.66'(Ahead)

STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
4181+50 - 4184+97	SPCL. RDWY. DT.	ECB	213 SY	-	-
4185+10 - 4187+00	SPCL. RDWY. DT.	ECB	184 SY	-	-

P.I. STA. 4187+62.24
 Delta= 69°38'54.07" Lt.
 Ts= 801.88'
 Ls= 210.00'
 Lc= 1005.59'
 Theta= 6°00'57.80"
 LT= 140.08'
 ST= 70.07'
 R= 1000.00'
 Es= 220.40'
 e= 8.00%
 Runoff= 210.00'(Back)
 Spcl. Trans.(Ahead)
 Runout= 52.50'(Back)
 See X-Sects(Ahead)

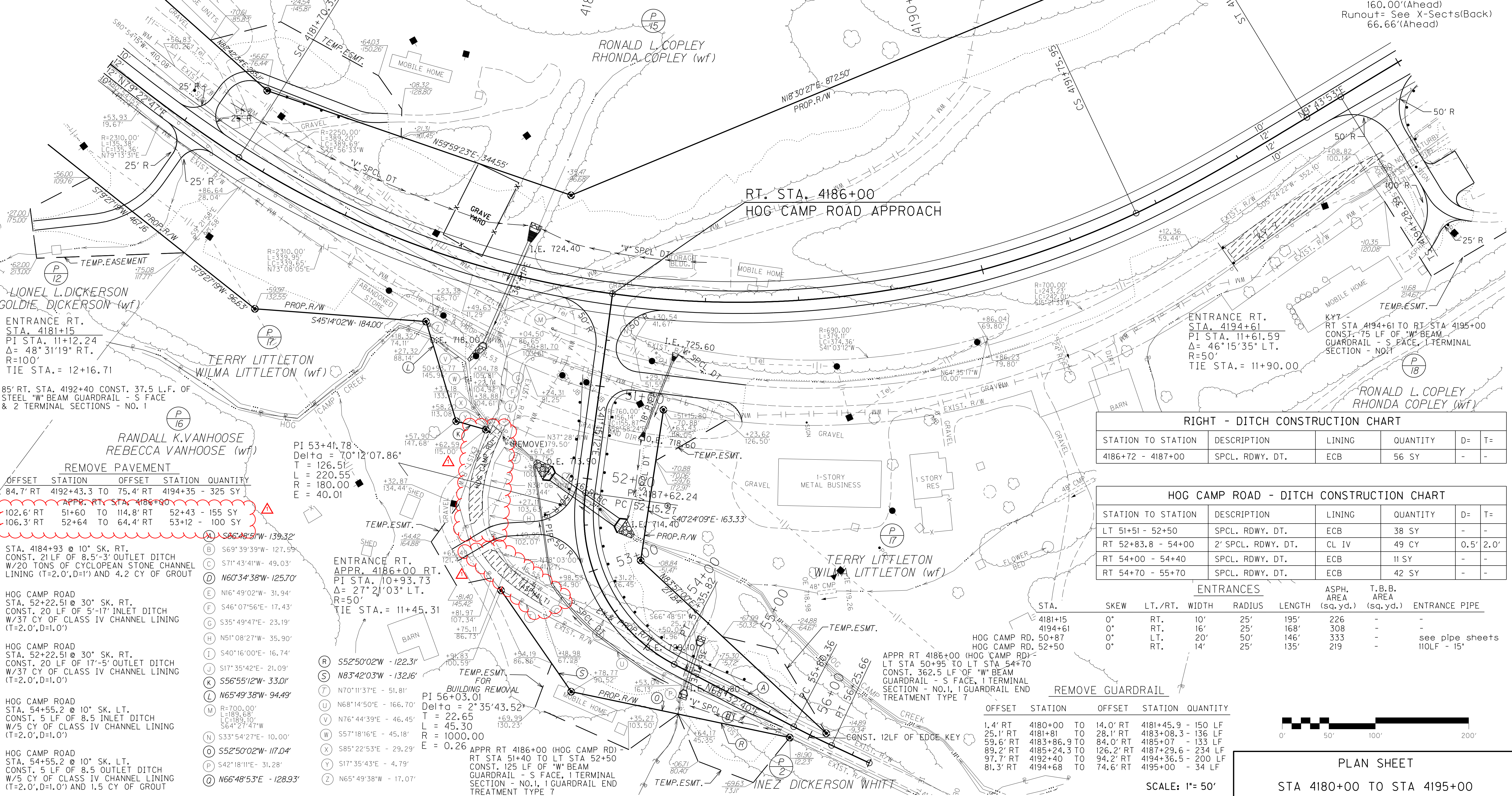


STA.	SKEW	LT./RT.	WIDTH	RADIUS	LENGTH	ASPH. AREA (sq.yd.)	T.B.B. AREA (sq.yd.)	ENTRANCE PIPE
4181+15	0°	LT.	10'	25'	218'	251		

ENTRANCE LT.
 STA. 4181+15
 PI STA. 7+84.70
 Δ= 20°05'17" RT.
 R=50'
 PI STA. = 9+30.06
 Δ=75°55'29" LT.
 R=35'
 TIE STA. = 7+60

ENT. LT 4181+15 -
 LT STA 8+00 TO LT STA 9+00
 CONST. 100 LF OF "W" BEAM
 GUARDRAIL - S FACE, 2 TERMINAL
 SECTION - NO.1

STA. 4184+93 @ 10° SK. RT.
 CONST. 5 LF OF 12" INLET DITCH
 W/6 TONS OF CLASS II CHANNEL LINING (T=1.25',D=1')

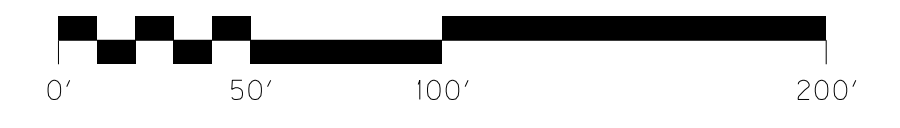


STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
4186+72 - 4187+00	SPCL. RDWY. DT.	ECB	56 SY	-	-

STATION TO STATION	DESCRIPTION	LINING	QUANTITY	D=	T=
LT 51+51 - 52+50	SPCL. RDWY. DT.	ECB	38 SY	-	-
RT 52+83.8 - 54+00	2' SPCL. RDWY. DT.	CL IV	49 CY	0.5'	2.0'
RT 54+00 - 54+40	SPCL. RDWY. DT.	ECB	11 SY	-	-
RT 54+70 - 55+70	SPCL. RDWY. DT.	ECB	42 SY	-	-

STA.	SKEW	LT./RT.	WIDTH	RADIUS	LENGTH	ASPH. AREA (sq.yd.)	T.B.B. AREA (sq.yd.)	ENTRANCE PIPE
4181+15	0°	RT.	10'	25'	195'	226	-	-
4194+61	0°	RT.	16'	25'	168'	308	-	-
50+87	0°	LT.	20'	50'	146'	333	-	see pipe sheets
52+50	0°	RT.	14'	25'	135'	219	-	11OLF - 15'

OFFSET	STATION	OFFSET	STATION	QUANTITY
1.4' RT	4180+00	TO	14.0' RT	4181+45.9 - 150 LF
25.1' RT	4181+81	TO	28.1' RT	4183+08.3 - 136 LF
59.6' RT	4183+86.9	TO	84.0' RT	4185+07 - 133 LF
89.2' RT	4185+24.3	TO	126.2' RT	4187+29.6 - 234 LF
97.7' RT	4192+40	TO	94.2' RT	4194+36.5 - 200 LF
81.3' RT	4194+68	TO	74.6' RT	4195+00 - 34 LF



PLAN SHEET

STA 4180+00 TO STA 4195+00

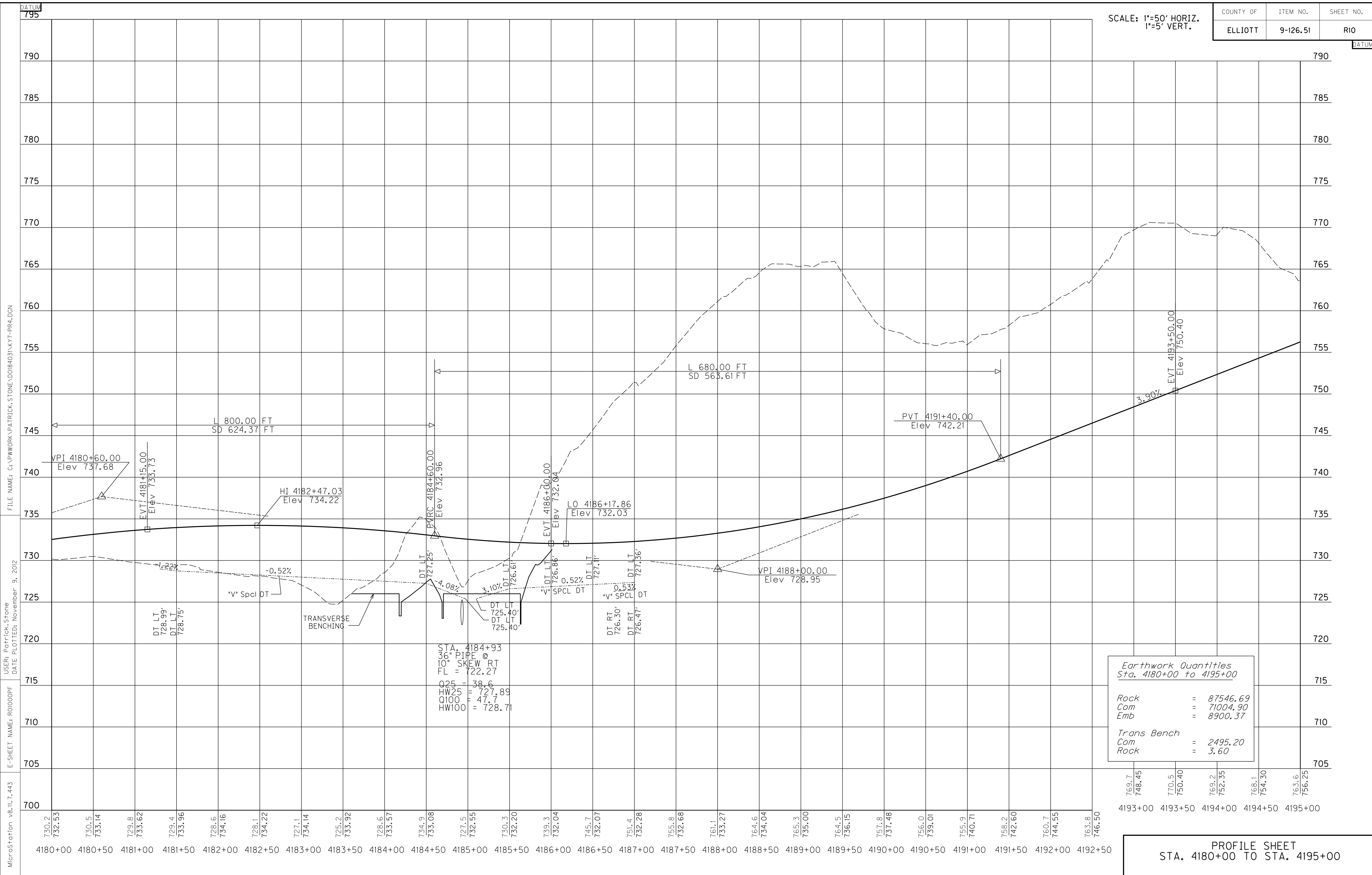
SCALE: 1"= 50'

FILE NAME: G:\PWORK\BARRY_BURTON\0184031\K7-PL4.DGN
 USER: borryy.burton
 DATE PLOTTED: November 9, 2012
 E-SHEET NAME: R00900PL
 MicroStation v8.11.7.443

- REMOVE PAVEMENT
- | OFFSET | STATION | OFFSET | STATION | QUANTITY |
|-----------|-----------|--------|----------|------------------|
| 84.7' RT | 4192+43.3 | TO | 75.4' RT | 4194+35 - 325 SY |
| 102.6' RT | 51+60 | TO | 52+43 | 155 SY |
| 106.3' RT | 52+64 | TO | 64.4' RT | 53+12 - 100 SY |
- STA. 4184+93 @ 10° SK. RT.
 CONST. 21 LF OF 8.5'-3' OUTLET DITCH
 W/20 TONS OF CYCLOPEAN STONE CHANNEL
 LINING (T=2.0',D=1') AND 4.2 CY OF GROUT
- HOG CAMP ROAD
 STA. 52+22.51 @ 30° SK. RT.
 CONST. 20 LF OF 5'-17" INLET DITCH
 W/37 CY OF CLASS IV CHANNEL LINING
 (T=2.0',D=1.0')
- HOG CAMP ROAD
 STA. 52+22.51 @ 30° SK. RT.
 CONST. 20 LF OF 17'-5" OUTLET DITCH
 W/37 CY OF CLASS IV CHANNEL LINING
 (T=2.0',D=1.0')
- HOG CAMP ROAD
 STA. 54+55.2 @ 10° SK. LT.
 CONST. 5 LF OF 8.5' INLET DITCH
 W/5 CY OF CLASS IV CHANNEL LINING
 (T=2.0',D=1.0') AND 1.5 CY OF GROUT
- (A) S66°48'3"W - 139.32'
 - (B) S69°39'39"W - 127.59'
 - (C) S71°43'41"W - 49.03'
 - (D) N60°34'38"W - 125.70'
 - (E) N16°49'02"W - 31.94'
 - (F) S46°07'56"E - 17.43'
 - (G) S35°49'47"E - 23.19'
 - (H) N51°08'27"W - 35.90'
 - (I) S40°16'00"E - 16.74'
 - (J) S17°35'42"E - 21.09'
 - (K) S56°55'12"W - 33.01'
 - (L) N65°49'38"W - 94.49'
 - (M) R=700.00'
L=189.68'
LC=189.10'
S64°27'47"W
 - (N) S33°54'27"E - 10.00'
 - (O) S52°50'02"W - 117.04'
 - (P) S42°18'11"E - 31.28'
 - (Q) N66°48'53"E - 128.93'
- PI 53+41.78
 Delta = 70°12'07.86"
 T = 126.51'
 L = 220.55'
 R = 180.00'
 E = 40.01'
- ENTRANCE RT.
 APPR. 4186+00 RT.
 PI STA. 10+93.73
 Δ = 27°21'03" LT.
 R=50'
 TIE STA. = 11+45.31
- PI 56+03.01
 Delta = 2°35'43.52"
 T = 22.65'
 L = 45.30'
 R = 1000.00'
 E = 0.26'
- APPR RT 4186+00 (HOG CAMP RD)
 RT STA 51+40 TO LT STA 52+50
 CONST. 125 LF OF "W" BEAM
 GUARDRAIL - S FACE, 1 TERMINAL
 SECTION - NO.1, 1 GUARDRAIL END
 TREATMENT TYPE 7

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R10



MicroStation v8.11.7.443 E-SHEET NAME: RO1000PF USER: Patrick.Stone DATE PLOTTED: November 9, 2012 FILE NAME: G:\PWORK\PATRICK.STONE\DOB403\NKY7-PR4.DGN

STA. 4184+93
 36" PIPE @
 10° SKEW RT
 FL = 722.27
 Q25 = 38.6
 HW25 = 727.89
 Q100 = 47.7
 HW100 = 728.71

Earthwork Quantities	
Sta. 4180+00 to 4195+00	
Rock	= 87546.69
Com	= 71004.90
Emb	= 8900.37
Trans Bench	
Com	= 2495.20
Rock	= 3.60

769.7	748.45	770.5	750.40	769.2	752.35	768.1	754.30	763.6	756.25
4193+00	4193+50	4194+00	4194+50	4195+00					

PROFILE SHEET
STA. 4180+00 TO STA. 4195+00

DATUM

795

790

785

780

775

770

765

760

755

750

745

740

735

730

725

720

715

710

705

700

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R10

REVISD 11-9-12

DATUM

790

785

780

775

770

765

760

755

750

745

740

735

730

725

720

715

710

705

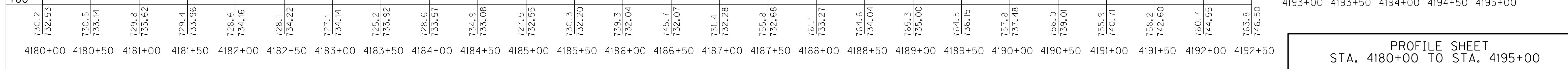
700

FILE NAME: G:\PWORK\PATRICK.STONE\DOB403\NK7-PR4.DGN

USER: Patrick.Stone
DATE PLOTTED: November 9, 2012

E-SHEET NAME: RO1000PF

MicroStation v8.11.7.443



STA. 4184+93
 36" PIPE @
 10° SKEW RT
 FL = 722.27
 Q25 = 38.6
 HW25 = 727.89
 Q100 = 47.7
 HW100 = 728.71

Earthwork Quantities Sta. 4180+00 to 4195+00	
Rock	= 87546.69
Com	= 71004.90
Emb	= 8900.37
Trans Bench	
Com	= 2495.20
Rock	= 3.60

PROFILE SHEET
STA. 4180+00 TO STA. 4195+00

DATUM

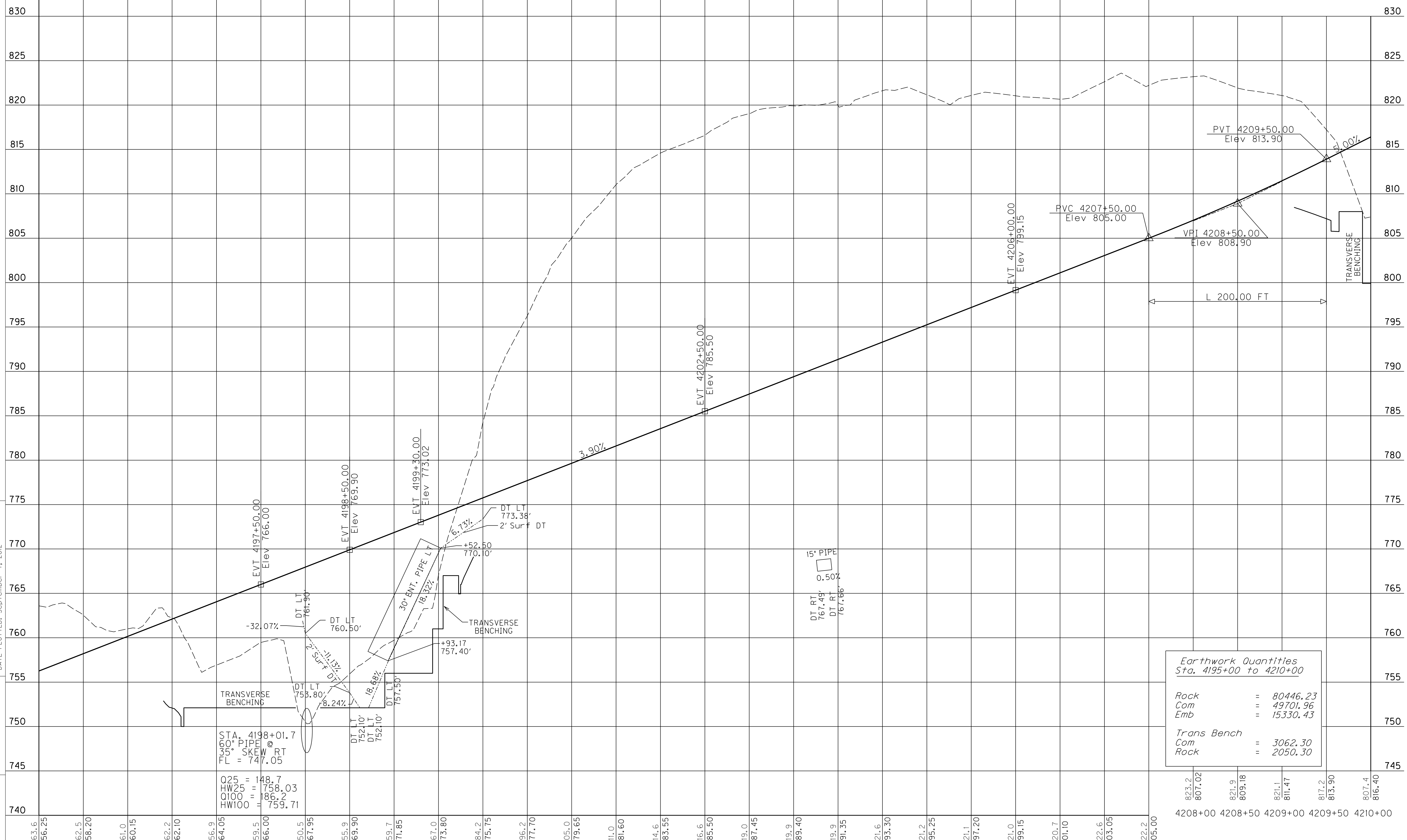
835

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R12

DATUM

MicroStation v8.11.7.443
 E-SHEET NAME: R0200PF
 USER: Wendy.Southworth
 DATE PLOTTED: September 7, 2012
 FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K7-PR5.DGN



Earthwork Quantities Sta. 4195+00 to 4210+00	
Rock	= 80446.23
Com	= 49701.96
Emb	= 15330.43
Trans Bench	
Com	= 3062.30
Rock	= 2050.30

763.6	756.25	762.5	758.20	761.0	760.15	762.2	762.10	756.9	764.05	759.5	766.00	750.5	767.95	755.9	769.90	759.7	771.85	767.0	773.80	784.2	775.75	796.2	777.70	805.0	779.65	811.0	781.60	814.6	783.55	816.6	785.50	819.0	787.45	819.9	789.40	819.9	791.35	821.6	793.30	821.2	795.25	821.1	797.20	821.0	799.15	820.7	801.10	822.6	803.05	822.2	805.00
4195+00	4195+50	4196+00	4196+50	4197+00	4197+50	4198+00	4198+50	4199+00	4199+50	4200+00	4200+50	4201+00	4201+50	4202+00	4202+50	4203+00	4203+50	4204+00	4204+50	4205+00	4205+50	4206+00	4206+50	4207+00	4207+50																										

STA. 4195+00 TO STA. 4210+00
 PROFILE SHEET

DATUM
835

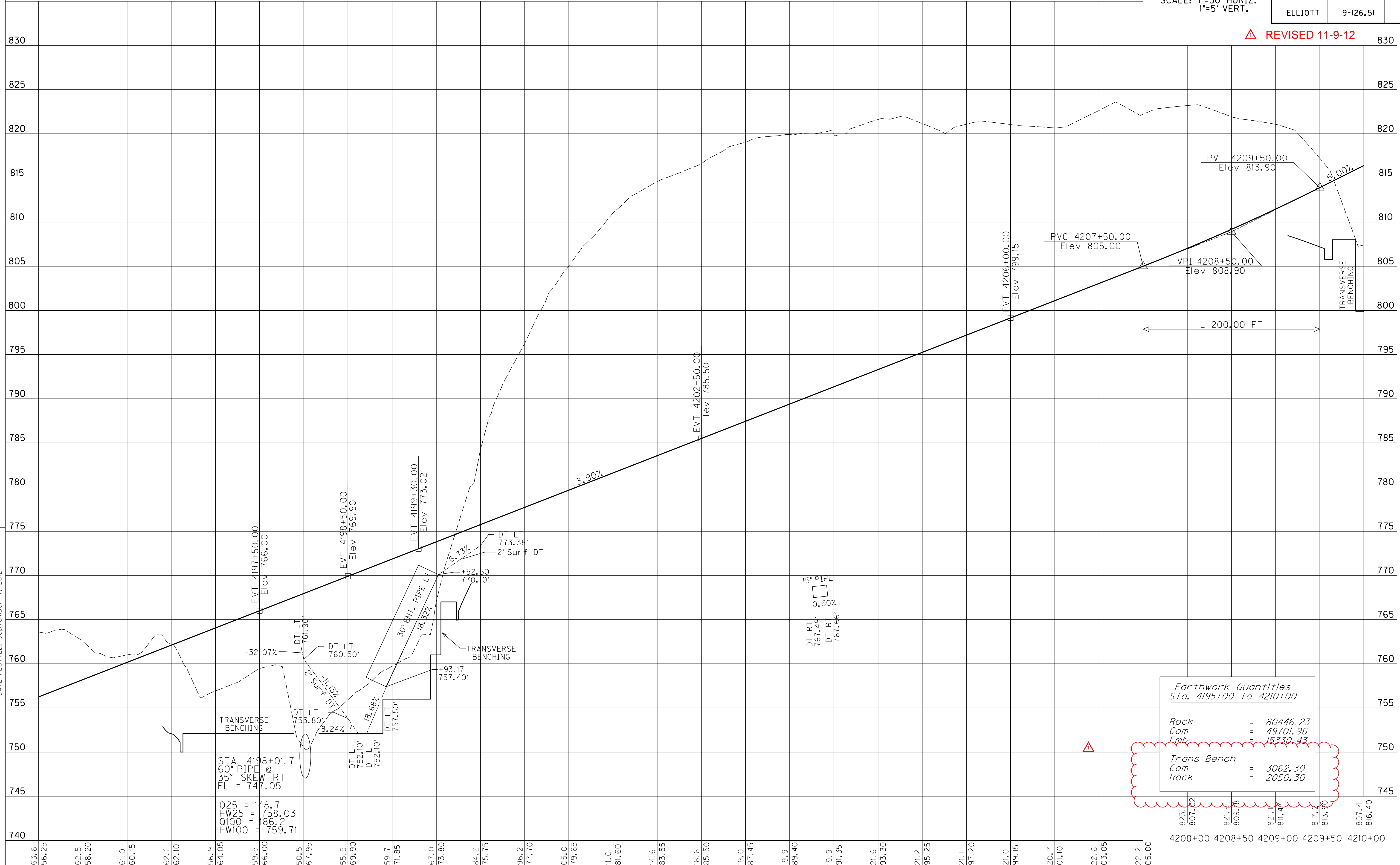
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R12

△ REVISED 11-9-12

DATUM

FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K7-PR5.DGN
 USER: Wendy.Southworth
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R0200PF
 MicroStation v8.11.7.443



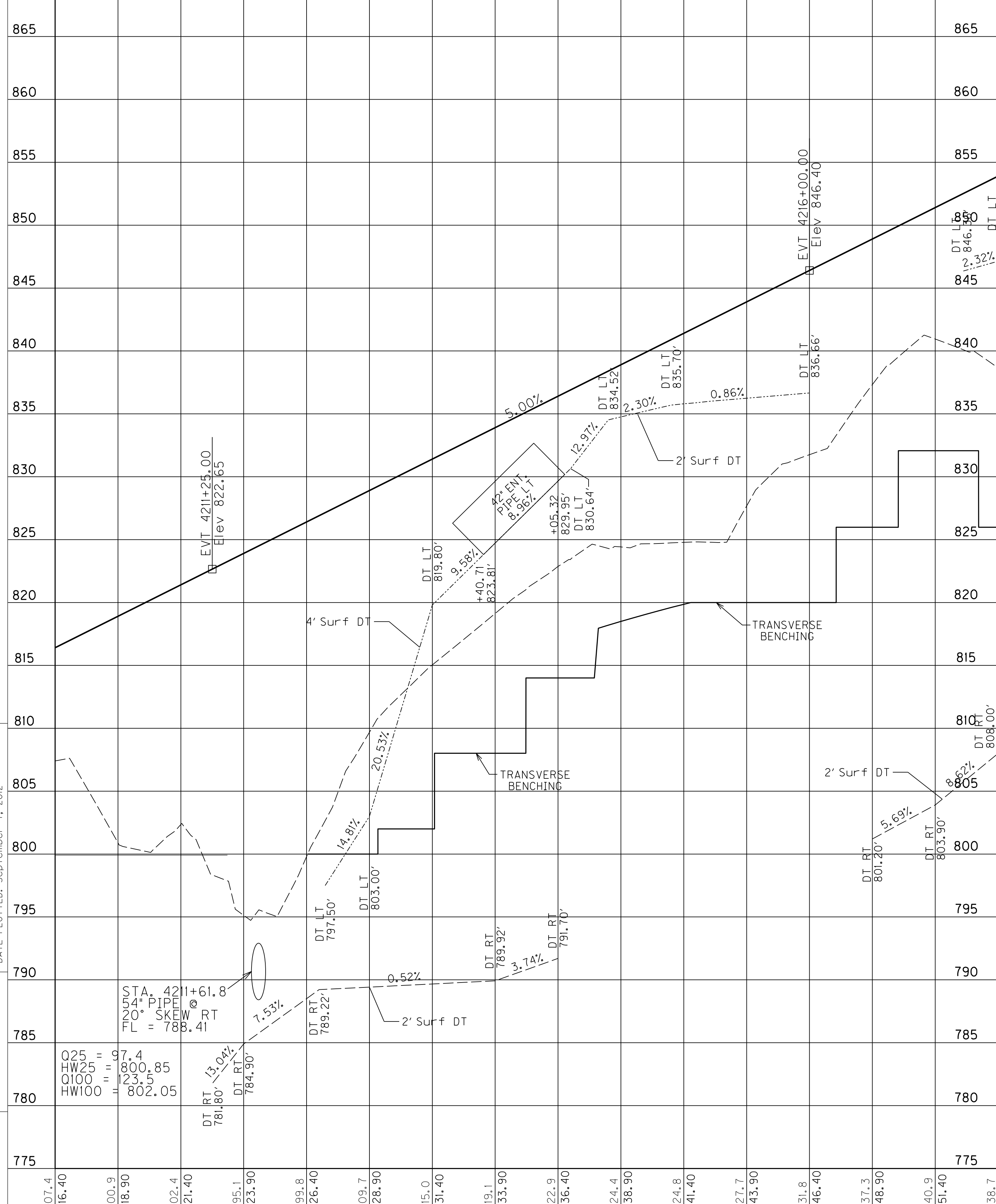
Earthwork Quantities Sta. 4195+00 to 4210+00	
Rock	= 80446.23
Com	= 49701.96
Emb	= 15330.43
Trans Bench	
Com	= 3062.30
Rock	= 2050.30

823.6	807.0	821.6	809.78	821.6	811.4	817.4	813.90	807.4	816.40
4208+00	4208+50	4209+00	4209+50	4210+00					

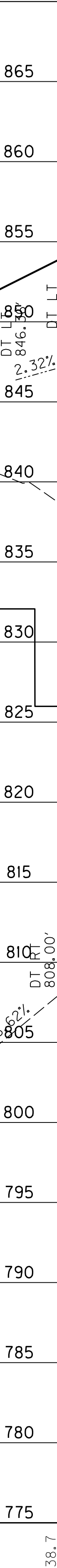
PROFILE SHEET
STA. 4195+00 TO STA. 4210+00

DATUM

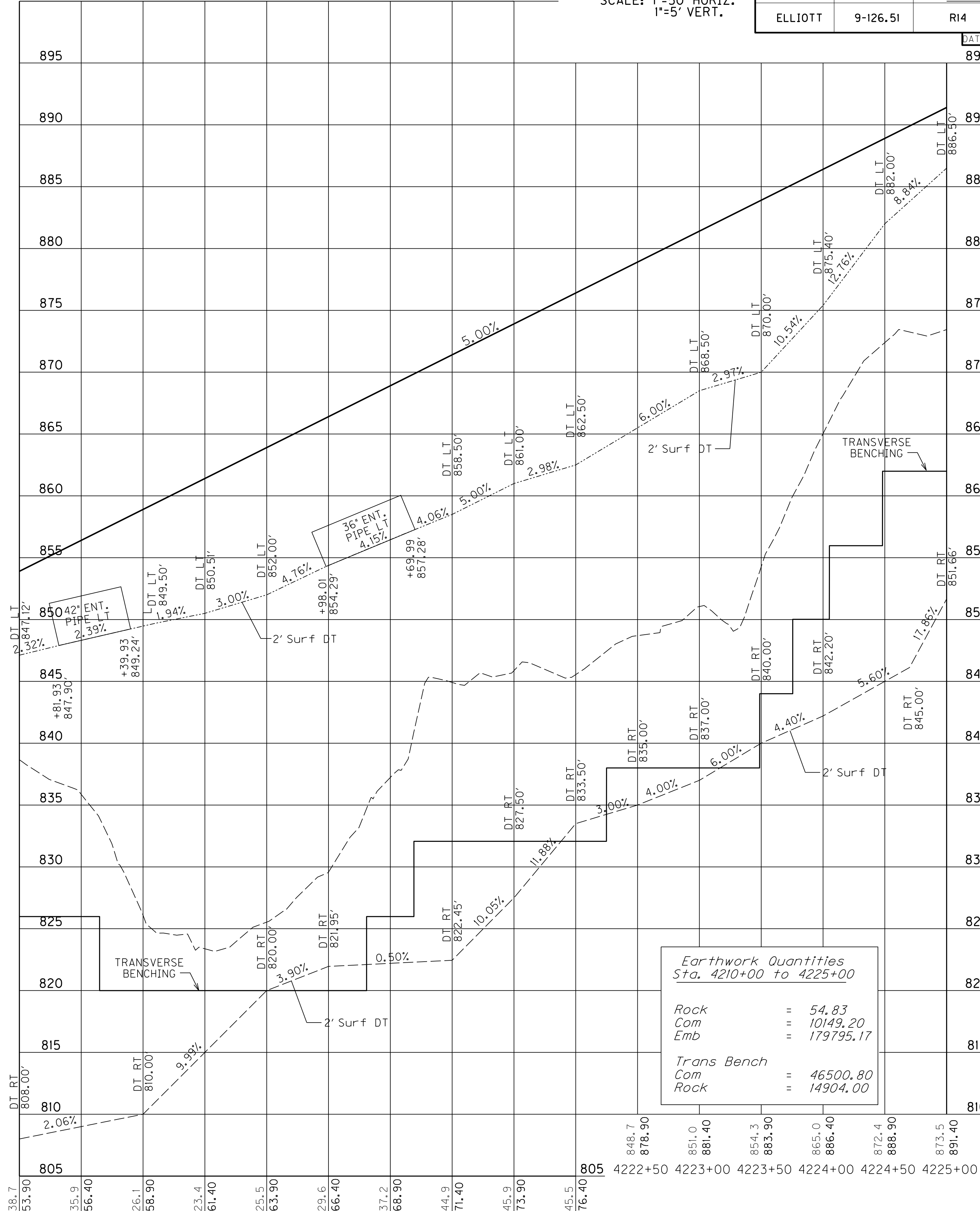
870



870



900



SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R14

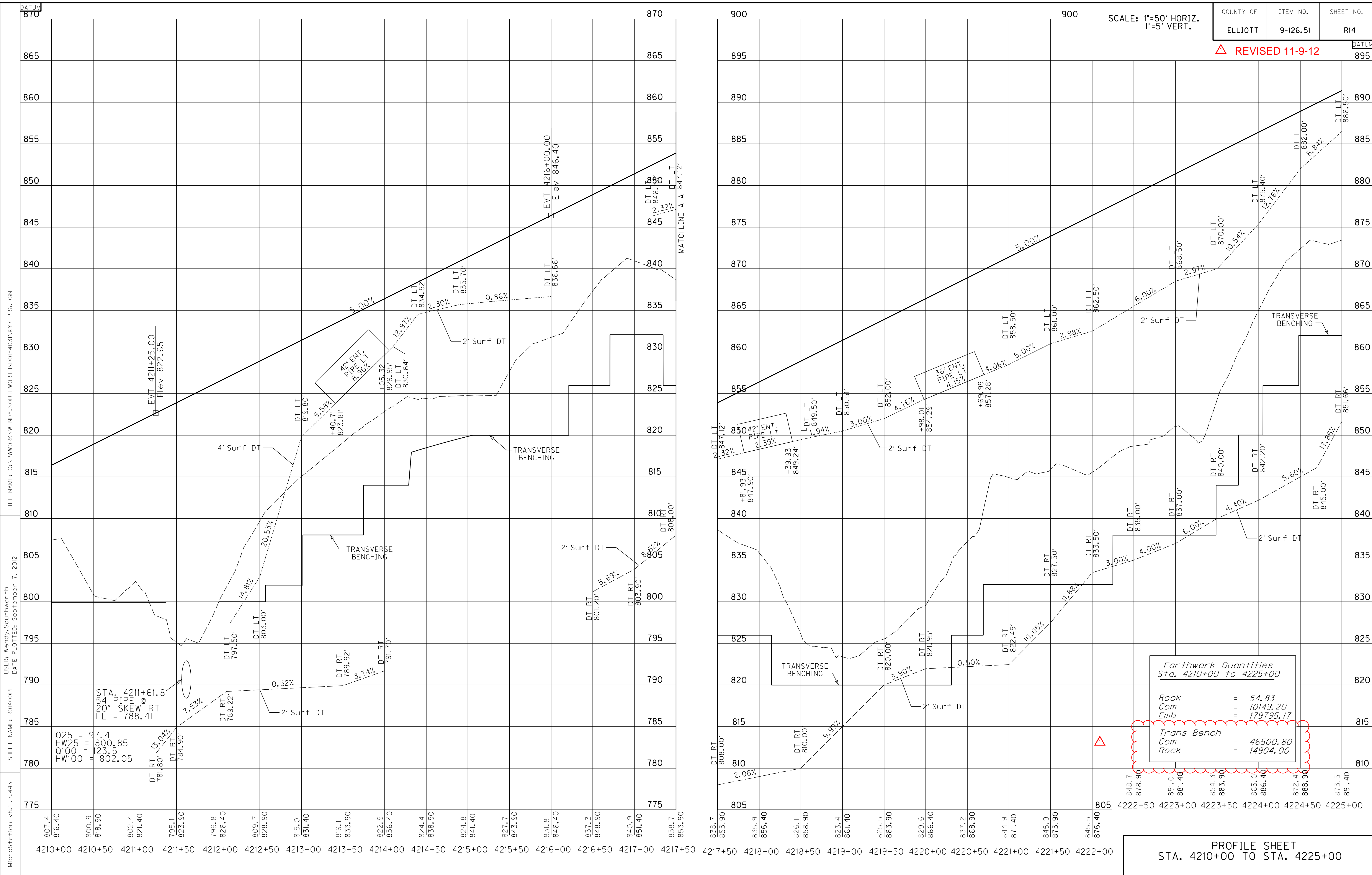
MicroStation v8.11.7.443
 E-SHEET NAME: R01400PF
 USER: Wendy.Southworth
 DATE PLOTTED: September 7, 2012
 FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K7-PR6.DGN

STA. 4211+61.8
 54" PIPE
 20° SKEW RT
 FL = 788.41

Q25 = 7.4
 HW25 = 1800.85
 Q100 = 23.5
 HW100 = 802.05

Earthwork Quantities Sta. 4210+00 to 4225+00	
Rock	= 54.83
Com	= 10149.20
Emb	= 179795.17
Trans Bench	
Com	= 46500.80
Rock	= 14904.00

PROFILE SHEET
 STA. 4210+00 TO STA. 4225+00



MicroStation v8.11.7.443 E-SHEET NAME: R01400PF USER: Wendy.Southworth DATE PLOTTED: September 7, 2012 FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\KY7-PR6.DGN

SCALE: 1"=50' HORIZ. 1"=5' VERT. COUNTY OF ELLIOTT ITEM NO. 9-126.51 SHEET NO. R14

REVISION: REVISED 11-9-12

STA. 4211+61.8
44" PIPE
20° SKEW RT
FL = 788.41

Q25 = 7.4
HW25 = 1800.85
Q100 = 123.5
HW100 = 802.05

Earthwork Quantities Sta. 4210+00 to 4225+00	
Rock	= 54.83
Com	= 10149.20
Emb	= 179795.17
Trans Bench	
Com	= 46500.80
Rock	= 14904.00

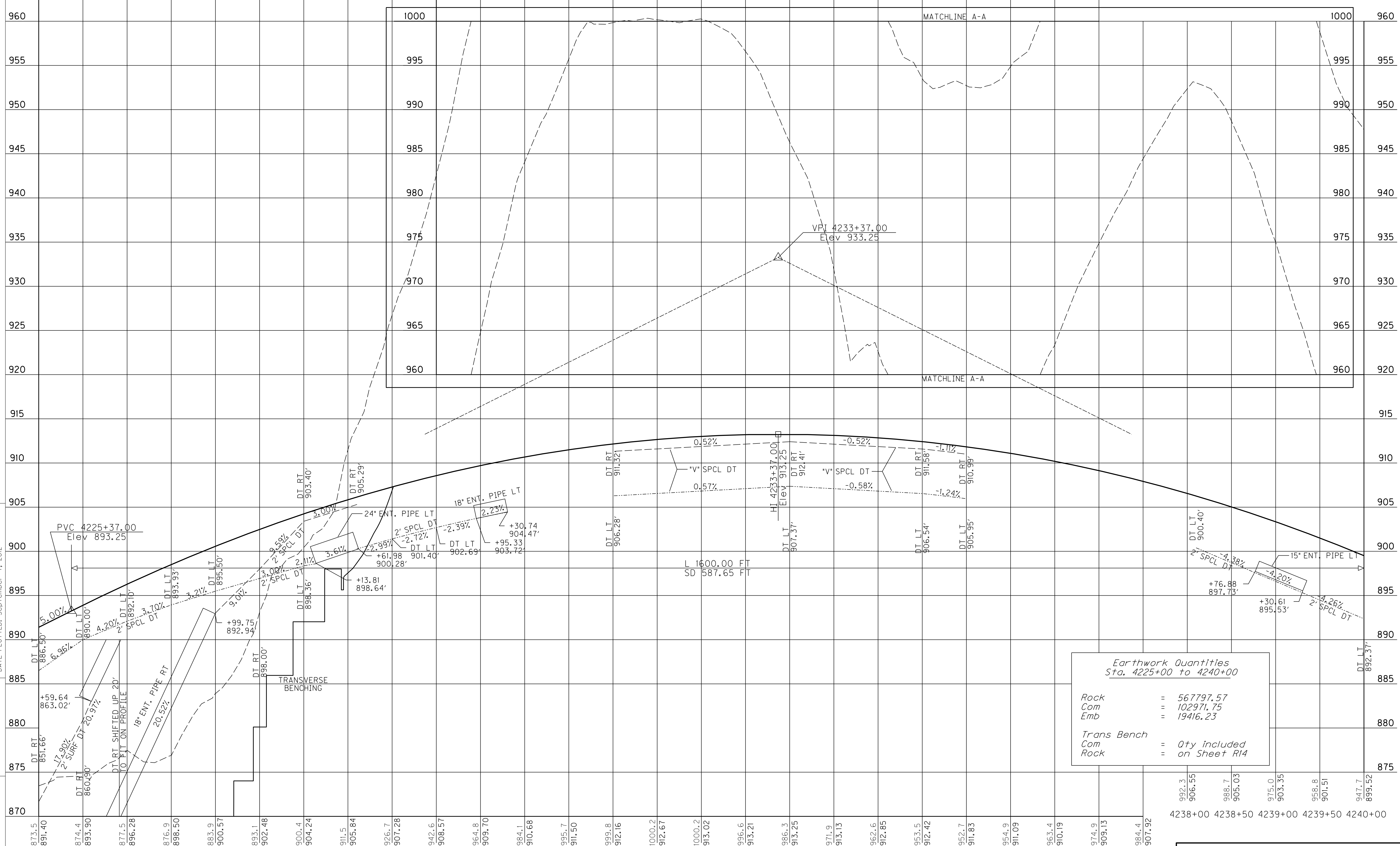
PROFILE SHEET
STA. 4210+00 TO STA. 4225+00

DATUM
965

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R16

FILE NAME: C:\PWORK\WENDY_SOUTH\WORTH\00184031\KY7-PR7.DGN
 USER: Wendy_Southworth
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R01600PF
 MicroStation v8.11.7.443



Rock	=	567797.57
Com	=	102971.75
Emb	=	19416.23
Trans Bench		
Com	=	Qty included
Rock	=	on Sheet R14

4225+00 4225+50 4226+00 4226+50 4227+00 4227+50 4228+00 4228+50 4229+00 4229+50 4230+00 4230+50 4231+00 4231+50 4232+00 4232+50 4233+00 4233+50 4234+00 4234+50 4235+00 4235+50 4236+00 4236+50 4237+00 4237+50

PROFILE SHEET
STA. 4225+00 TO STA. 4240+00

DATUM

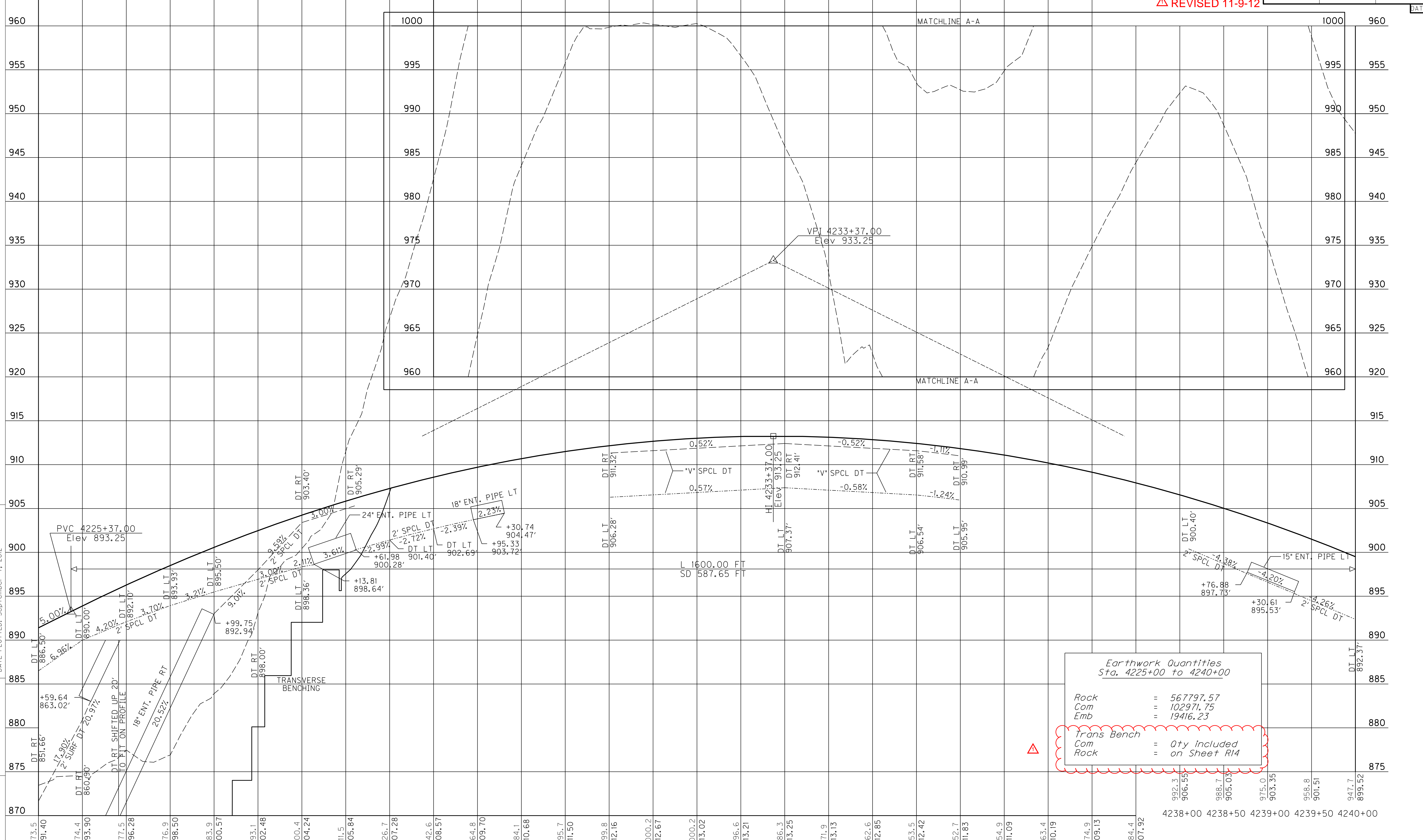
965

SCALE: 1"=50' HORIZ.
1"=5' VERT.
△ REVISED 11-9-12

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R16

DATUM

FILE NAME: C:\PWORK\WENDY_SOUTH\WORTH\00184031\KY7-PR7.DGN
 USER: Wendy_Southworth
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R01600PF
 MicroStation v8.11.7.443



Rock	=	567797.57
Com	=	102971.75
Emb	=	19416.23
<hr/>		
Trans Bench	=	Qty included
Com	=	on Sheet R14
Rock	=	on Sheet R14

4225+00 4225+50 4226+00 4226+50 4227+00 4227+50 4228+00 4228+50 4229+00 4229+50 4230+00 4230+50 4231+00 4231+50 4232+00 4232+50 4233+00 4233+50 4234+00 4234+50 4235+00 4235+50 4236+00 4236+50 4237+00 4237+50

PROFILE SHEET
STA. 4225+00 TO STA. 4240+00

DATUM

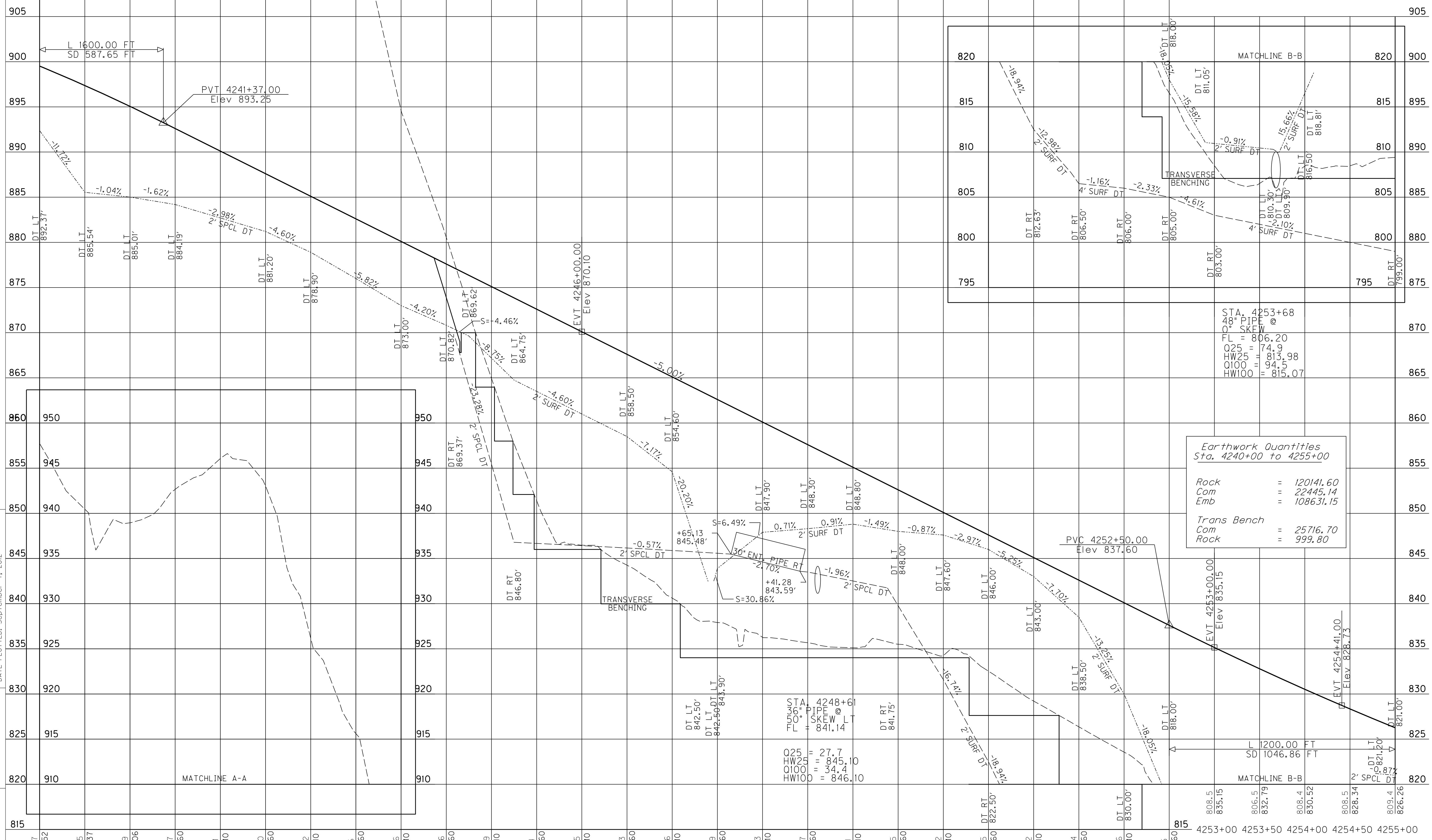
910

MATCHLINE A-A

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R18

DATUM



*Earthwork Quantities
Sta. 4240+00 to 4255+00*

Rock	= 120141.60
Com	= 22445.14
Emb	= 108631.15
<i>Trans Bench</i>	
Com	= 25716.70
Rock	= 999.80

MicroStation v8.11.7.443
 E-SHEET NAME: RO800PF
 USER: Patrick.Stone
 DATE PLOTTED: September 7, 2012
 FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K17-PR8.DGN

DATUM

910

MATCHLINE A-A

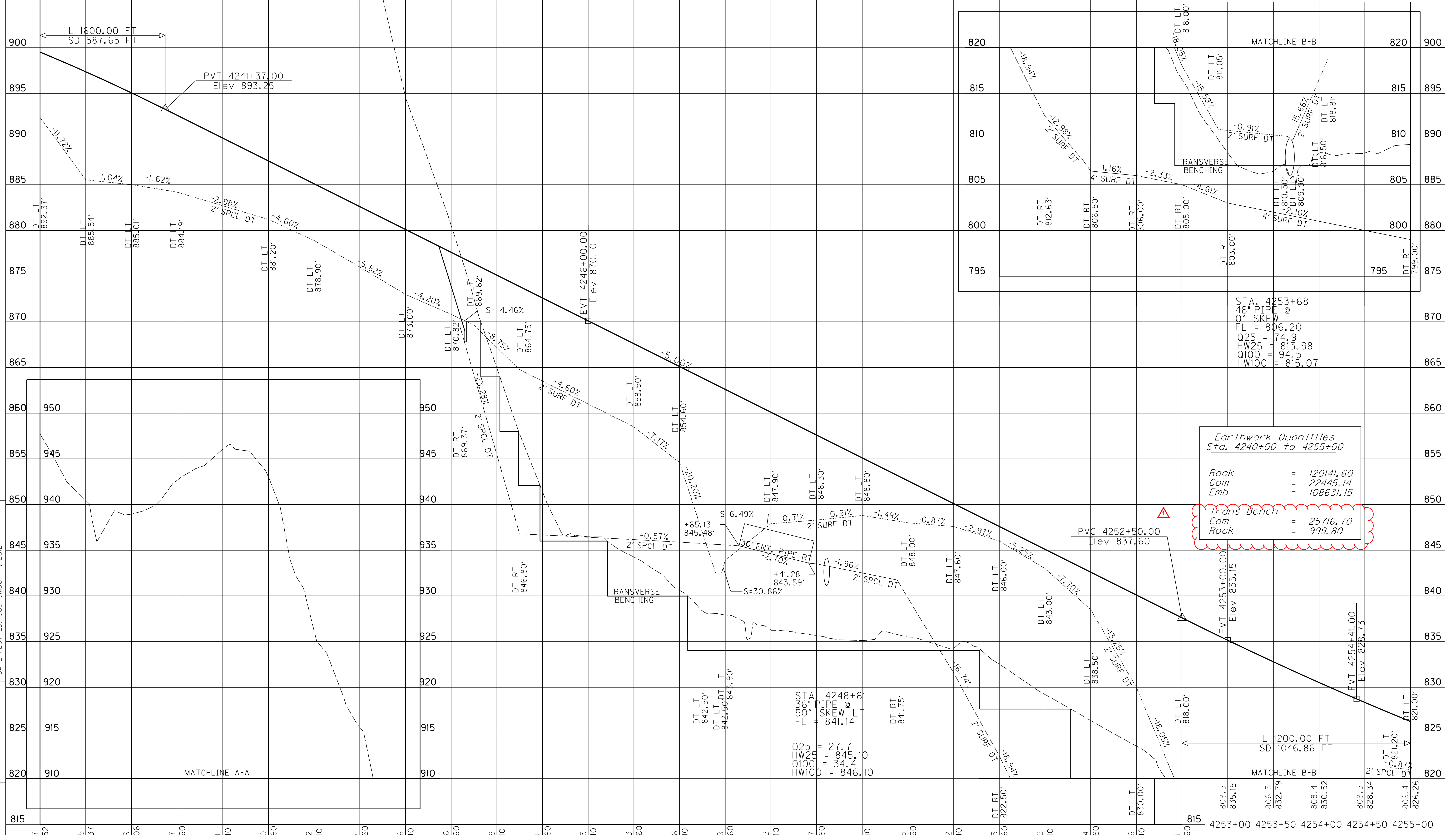
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R18

REVISD 11-9-12

DATUM

905



Earthwork Quantities Sta. 4240+00 to 4255+00	
Rock	= 120141.60
Com	= 22445.14
Emb	= 108631.15
Trans Bench	
Com	= 25716.70
Rock	= 999.80

STA. 4248+61	4248+61
FL =	841.14
Q25 =	27.7
HW25 =	845.10
O100 =	844.4
HW100 =	846.10

FILE NAME: C:\PWORK\WENDY.SOUTH\WORTH\00184031\K17-PR8.DGN

USER: Patrick.Stone
DATE PLOTTED: September 7, 2012

E-SHEET NAME: RO800PF

MicroStation v8.11.7.443

4240+00 4240+50 4241+00 4241+50 4242+00 4242+50 4243+00 4243+50 4244+00 4244+50 4245+00 4245+50 4246+00 4246+50 4247+00 4247+50 4248+00 4248+50 4249+00 4249+50 4250+00 4250+50 4251+00 4251+50 4252+00 4252+50

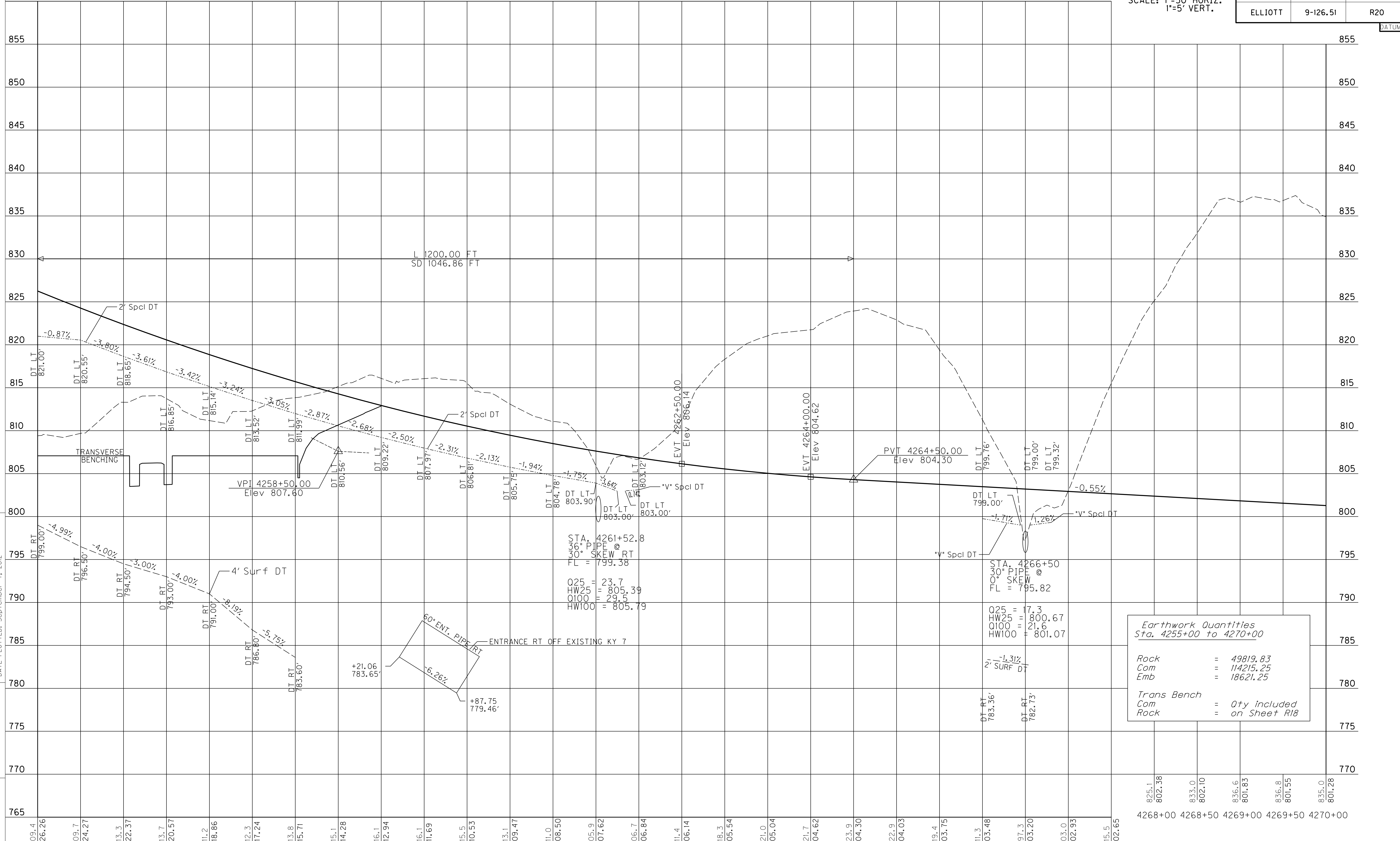
PROFILE SHEET
STA. 4240+00 TO STA. 4255+00

DATUM
860

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R20

FILE NAME: G:\PWORK\WENDY_SOUTH\WORTH\00184031\KY7-PR9.DGN
 USER: Wendy_Southworth
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R02000PF
 MicroStation v8.11.7.443



Earthwork Quantities Sta. 4255+00 to 4270+00	
Rock	= 49819.83
Com	= 114215.25
Emb	= 18621.25
Trans Bench	
Com	= Qty included
Rock	= on Sheet R18

DATUM

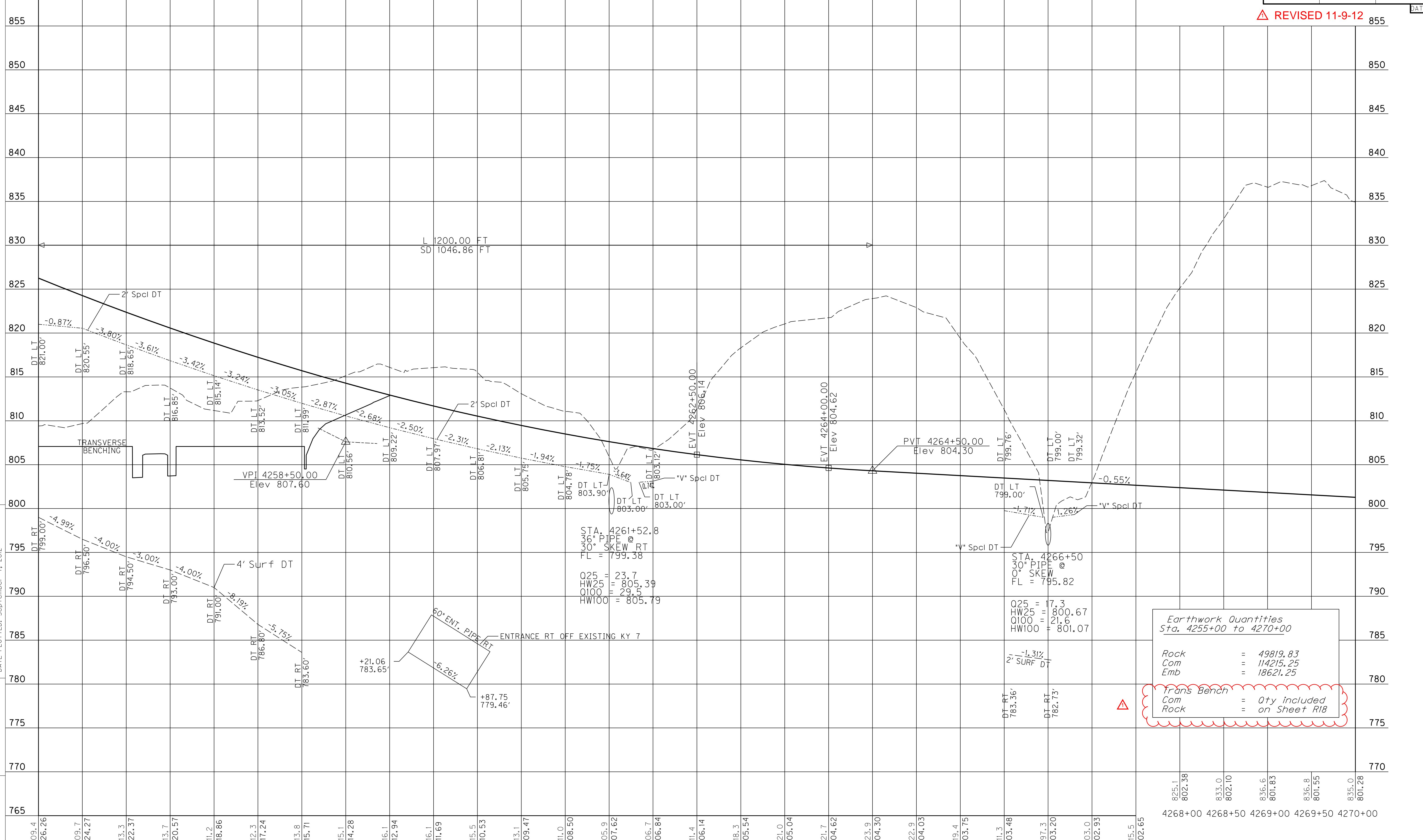
860

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R20

REVISD 11-9-12

FILE NAME: G:\PWORK\WENDY_SOUTH\WORTH\00184031\KY7-PR9.DGN
 USER: Wendy_Southworth
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R02000PF
 MicroStation v8.11.7.443



Earthwork Quantities	
Sta. 4255+00 to 4270+00	
Rock	= 49819.83
Com	= 114215.25
Emb	= 18621.25
Trans Bench	
Com	= Qty included
Rock	= on Sheet R18

DATUM
845

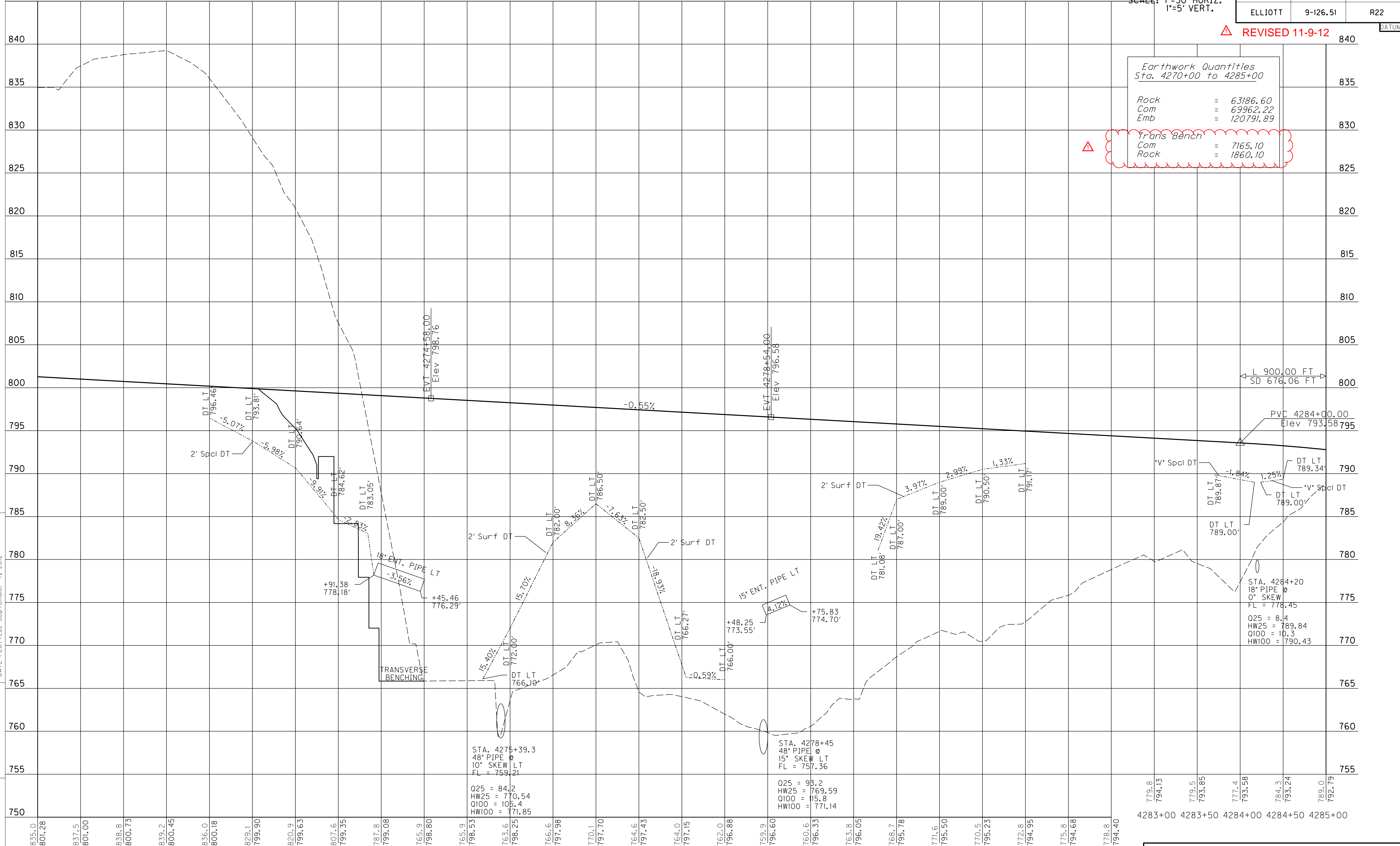
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R22

REVISD 11-9-12

Earthwork Quantities Sta. 4270+00 to 4285+00	
Rock	= 63186.60
Com	= 69962.22
Emb	= 120791.89
<hr/>	
Trans Bench	
Com	= 7165.10
Rock	= 1860.10

FILE NAME: G:\PWORK\PATRICK.STONE\DOB4031\KX7-PRIO.DGN
 USER: Kevin.Morfin
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R02200PF
 MicroStation v8.11.7.443



PROFILE SHEET
STA. 4270+00 TO STA. 4285+00

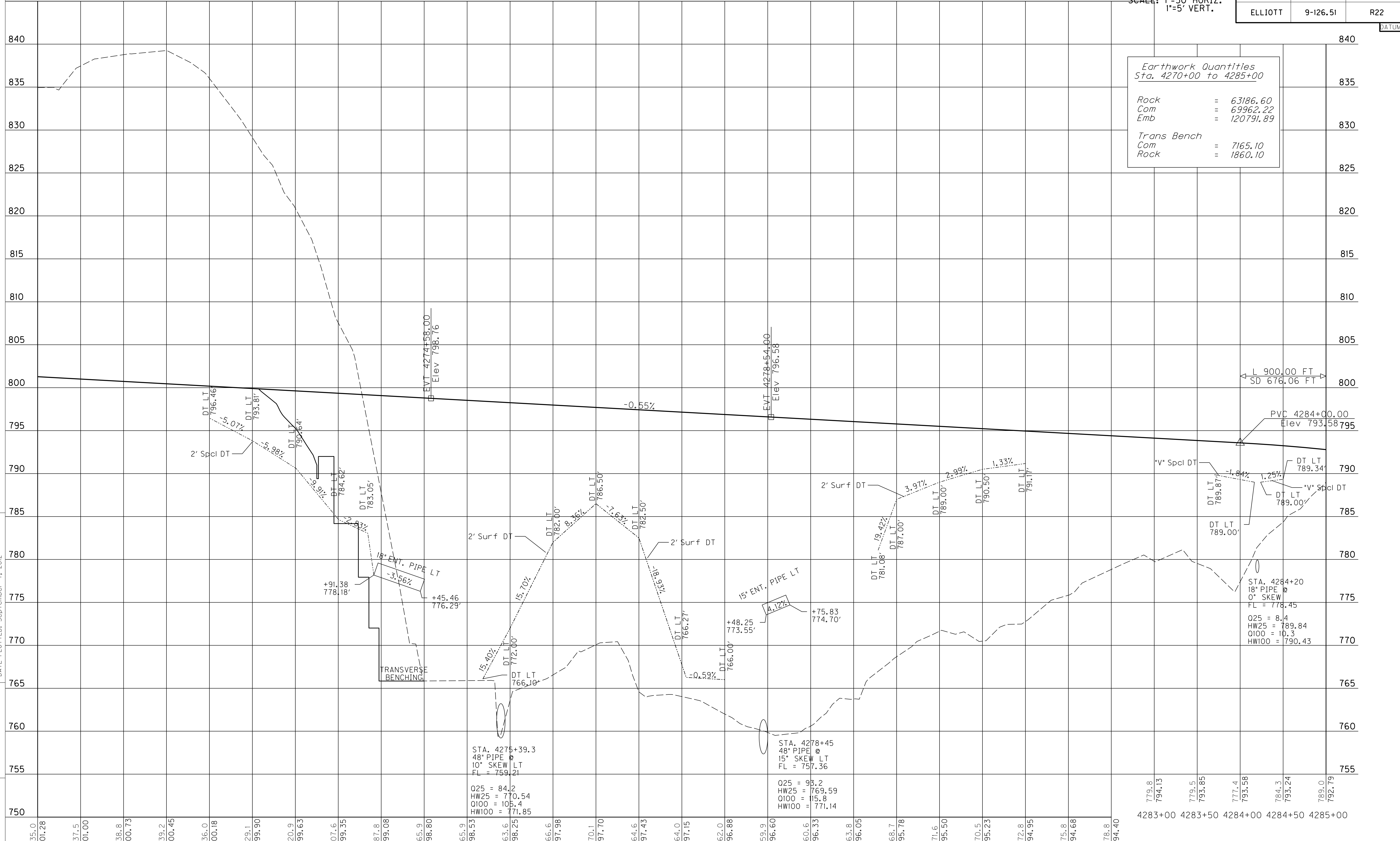
DATUM
845

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R22

Earthwork Quantities Sta. 4270+00 to 4285+00	
Rock	= 63186.60
Com	= 69962.22
Emb	= 120791.89
Trans Bench	
Com	= 7165.10
Rock	= 1860.10

FILE NAME: G:\PWORK\PATRICK.STONE\DOB4031\KX7-PRIO.DGN
 USER: Kevin.Morfin
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R02200PF
 MicroStation v8.11.7.443



4270+00 4270+50 4271+00 4271+50 4272+00 4272+50 4273+00 4273+50 4274+00 4274+50 4275+00 4275+50 4276+00 4276+50 4277+00 4277+50 4278+00 4278+50 4279+00 4279+50 4280+00 4280+50 4281+00 4281+50 4282+00 4282+50

779.8	794.13	779.5	793.85	777.4	793.58	784.3	793.24	789.0	792.79
4283+00	4283+50	4284+00	4284+50	4285+00					

PROFILE SHEET
STA. 4270+00 TO STA. 4285+00

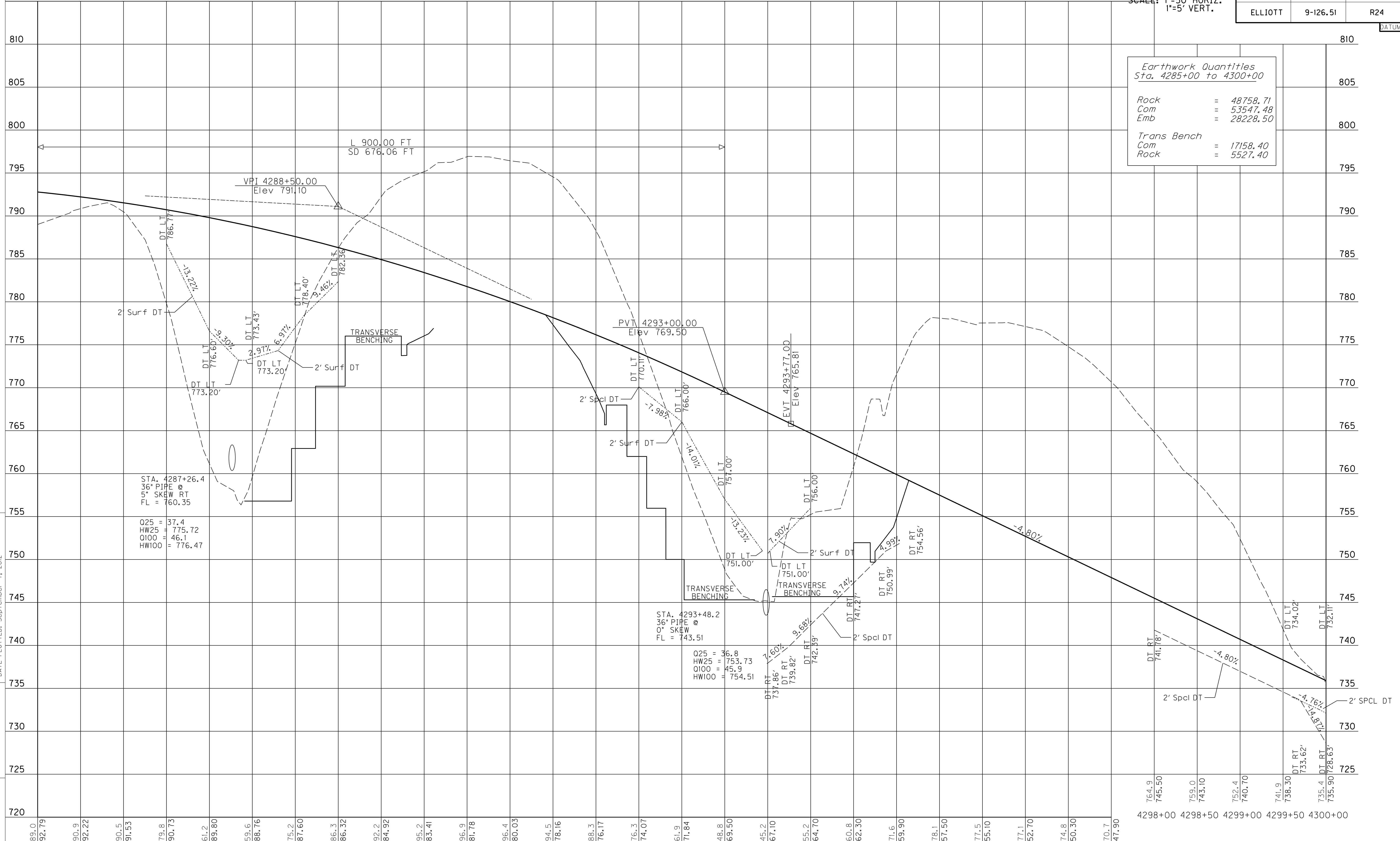
DATUM
815

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R24

Earthwork Quantities Sta. 4285+00 to 4300+00	
Rock	= 48758.71
Com	= 53547.48
Emb	= 28228.50
Trans Bench	
Com	= 17158.40
Rock	= 5527.40

FILE NAME: G:\PWORK\PATRICK.STONE\084031\KX7-PR1.DGN
 USER: Key/In, Mar 11
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R02400PF
 MicroStation v8.11.7.443



PROFILE SHEET
STA. 4285+00 TO STA. 4300+00

DATUM
815

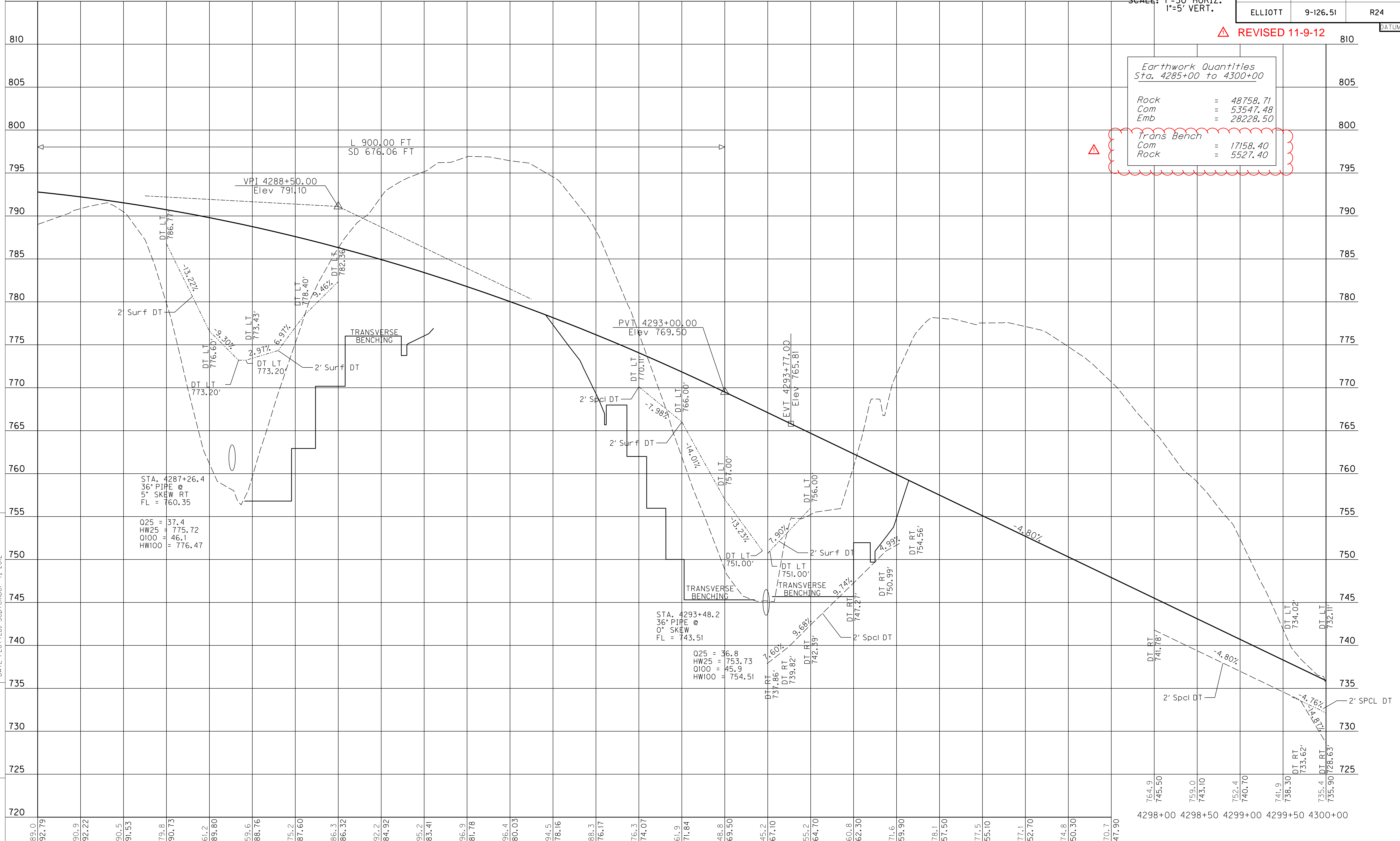
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R24

REVIS 11-9-12

Earthwork Quantities Sta. 4285+00 to 4300+00	
Rock	= 48758.71
Com	= 53547.48
Emb	= 28228.50
Trans Bench	
Com	= 17158.40
Rock	= 5527.40

FILE NAME: G:\PWORK\PATRICK.STONE\084031\KX7-PR1.DGN
USER: Key/In, Mar 11
DATE PLOTTED: September 7, 2012
E-SHEET NAME: R02400PF
MicroStation v8.11.7.443



STA. 4287+26.4
36" PIPE @
5° SKEW RT
FL = 760.35

Q25 = 37.4
HW25 = 775.72
Q100 = 46.1
HW100 = 776.47

STA. 4293+48.2
36" PIPE @
0° SKEW
FL = 743.51

Q25 = 36.8
HW25 = 753.73
Q100 = 45.9
HW100 = 754.51

PROFILE SHEET
STA. 4285+00 TO STA. 4300+00

DATUM

770

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R26

DATUM

765

760

755

750

745

740

735

730

725

720

715

710

705

700

695

690

685

680

675

Earthwork Quantities
Sta. 4300+00 to 4315+00

Rock = 6840.09
Com = 62248.80
Emb = 1223.72

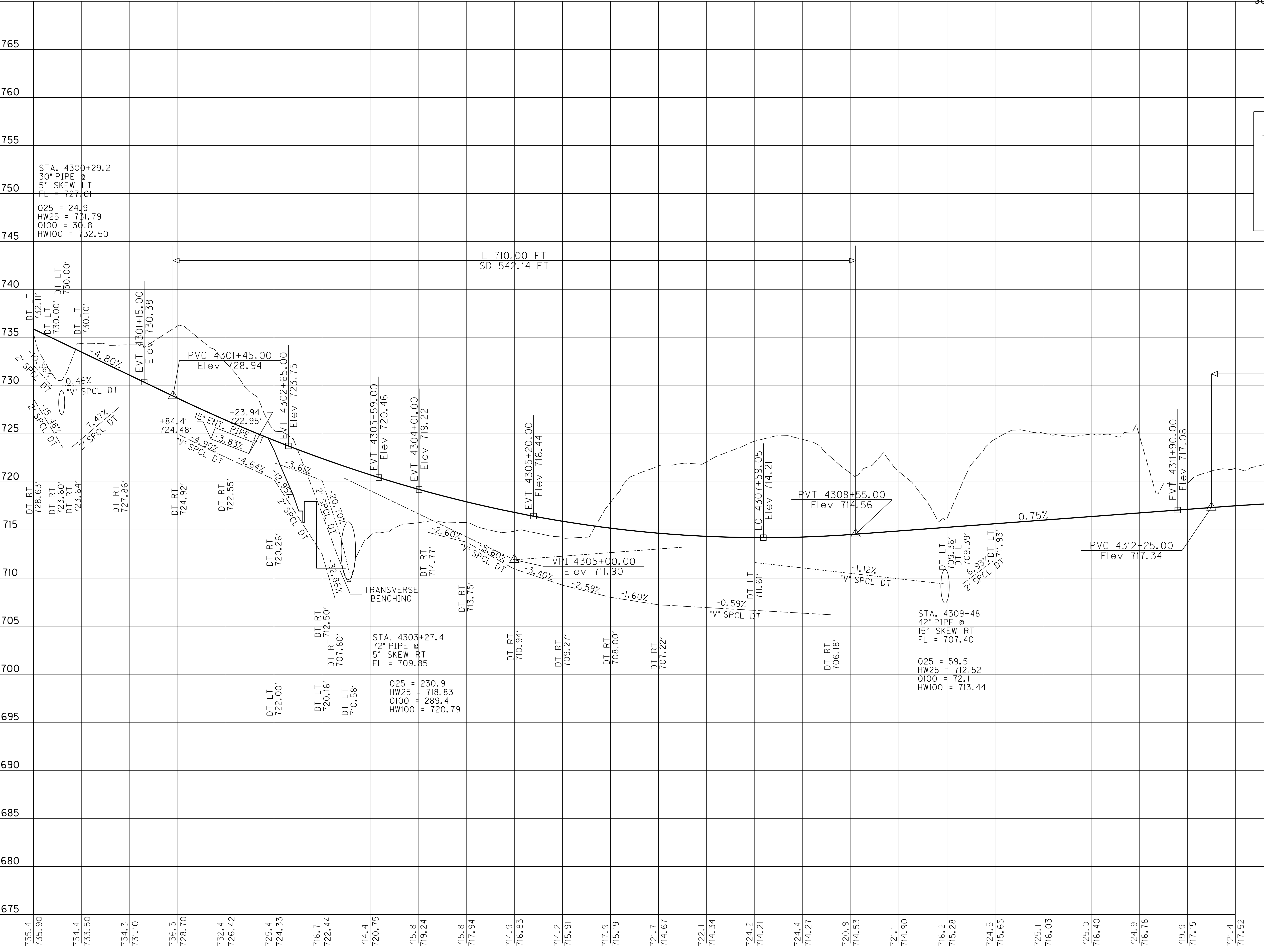
Trans Bench
Com = 796.20
Rock = 0.00

FILE NAME: G:\PWORK\PATRICK.STONE\0084031\K7-PR12.DGN

USER: Patrick.Stone
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R02600PF

MicroStation v8.11.7.443



722.4
717.82
723.1
718.04
721.9
718.19
732.3
718.27
734.9
718.27

4313+00 4313+50 4314+00 4314+50 4315+00

PROFILE SHEET
STA. 4300+00 TO STA. 4315+00

DATUM

770

765

760

755

750

745

740

735

730

725

720

715

710

705

700

695

690

685

680

675

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R26

REVISION 11-9-12

*Earthwork Quantities
Sta. 4300+00 to 4315+00*

Rock = 6840.09
Com = 62248.80
Emb = 1223.72

Trans Bench
Com = 796.20
Rock = 0.00

STA. 4300+29.2
30" PIPE LT
5° SKEW LT
FL = 727.01

Q25 = 24.9
HW25 = 731.79
Q100 = 30.8
HW100 = 732.50

L 710.00 FT
SD 542.14 FT

L 450.00 FT
SD 1024.37 FT

FILE NAME: G:\PWORK\PATRICK.STONE\0084031\K7-PR12.DGN

USER: Patrick.Stone
DATE PLOTTED: September 7, 2012

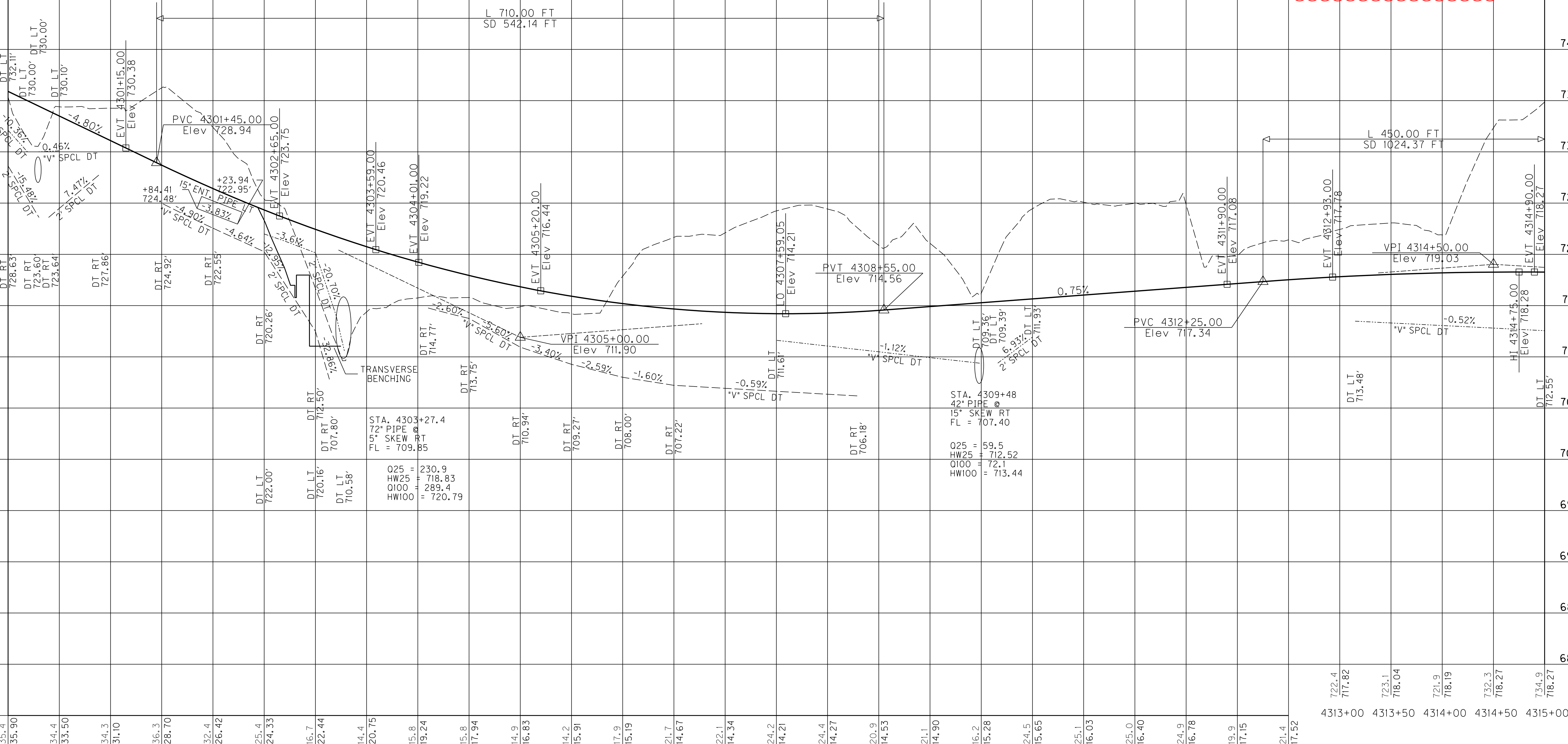
E-SHEET NAME: R02600PF

MicroStation v8.11.7.443

735.4 735.90 734.4 733.50 734.3 734.3 731.10 736.3 728.70 732.4 726.42 725.4 724.33 716.7 722.44 714.4 720.75 715.8 719.24 715.8 717.94 714.9 716.83 714.2 715.91 717.9 715.19 721.7 714.67 722.1 714.34 724.2 714.21 724.4 714.27 720.9 714.53 721.1 714.90 716.2 715.28 724.5 715.65 725.1 716.03 725.0 716.40 724.9 716.78 719.9 717.15 721.4 717.52

4313+00 4313+50 4314+00 4314+50 4315+00

PROFILE SHEET
STA. 4300+00 TO STA. 4315+00



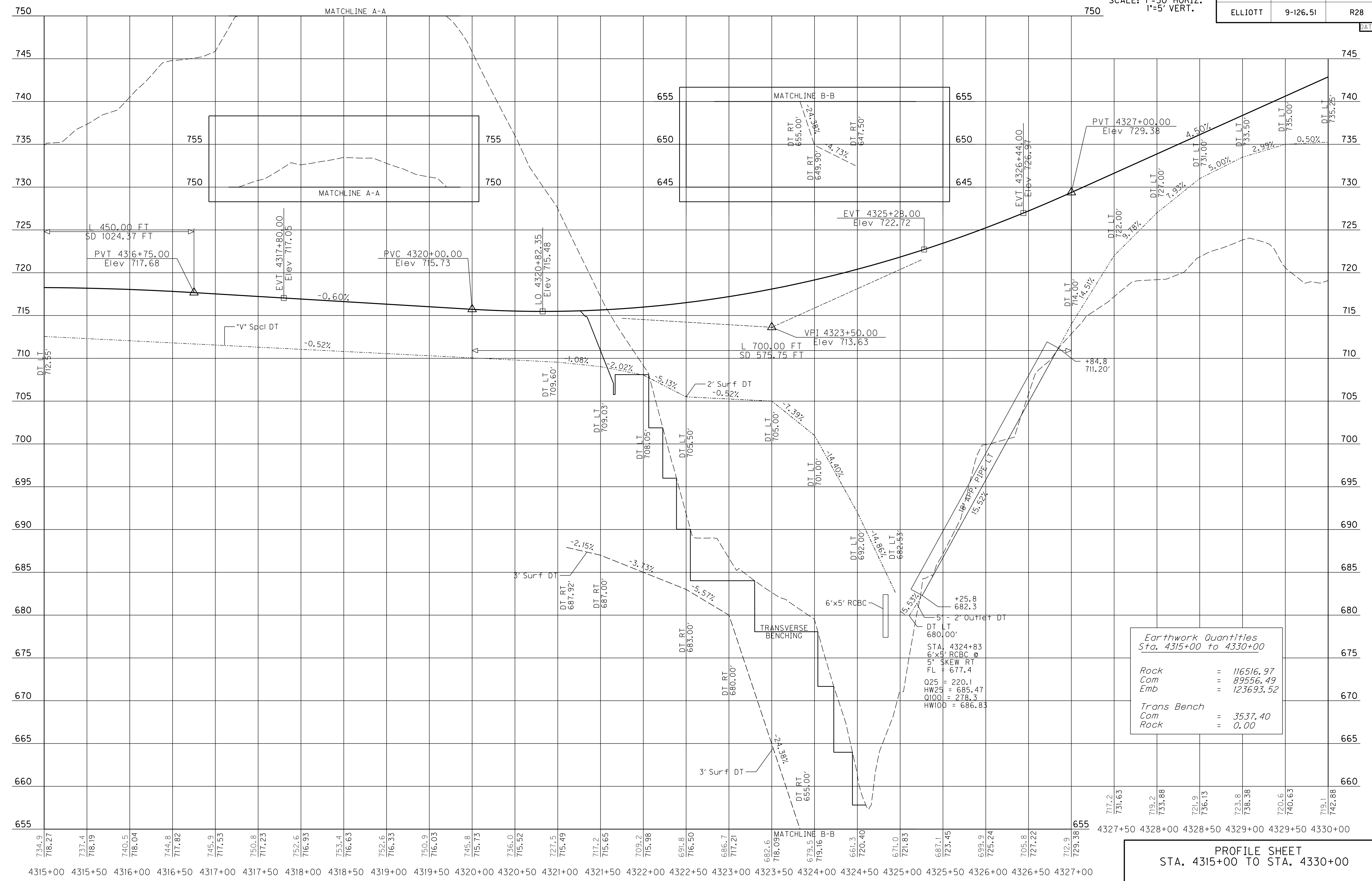
DATUM

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R28

DATUM

MicroStation v8.11.7.443 E-SHEET NAME: R02800PF USER: Patrick.Stone DATE PLOTTED: September 7, 2012 FILE NAME: C:\PWORK\WENDY_SOUTH\WORTH\00184031\K7-PR13.DGN



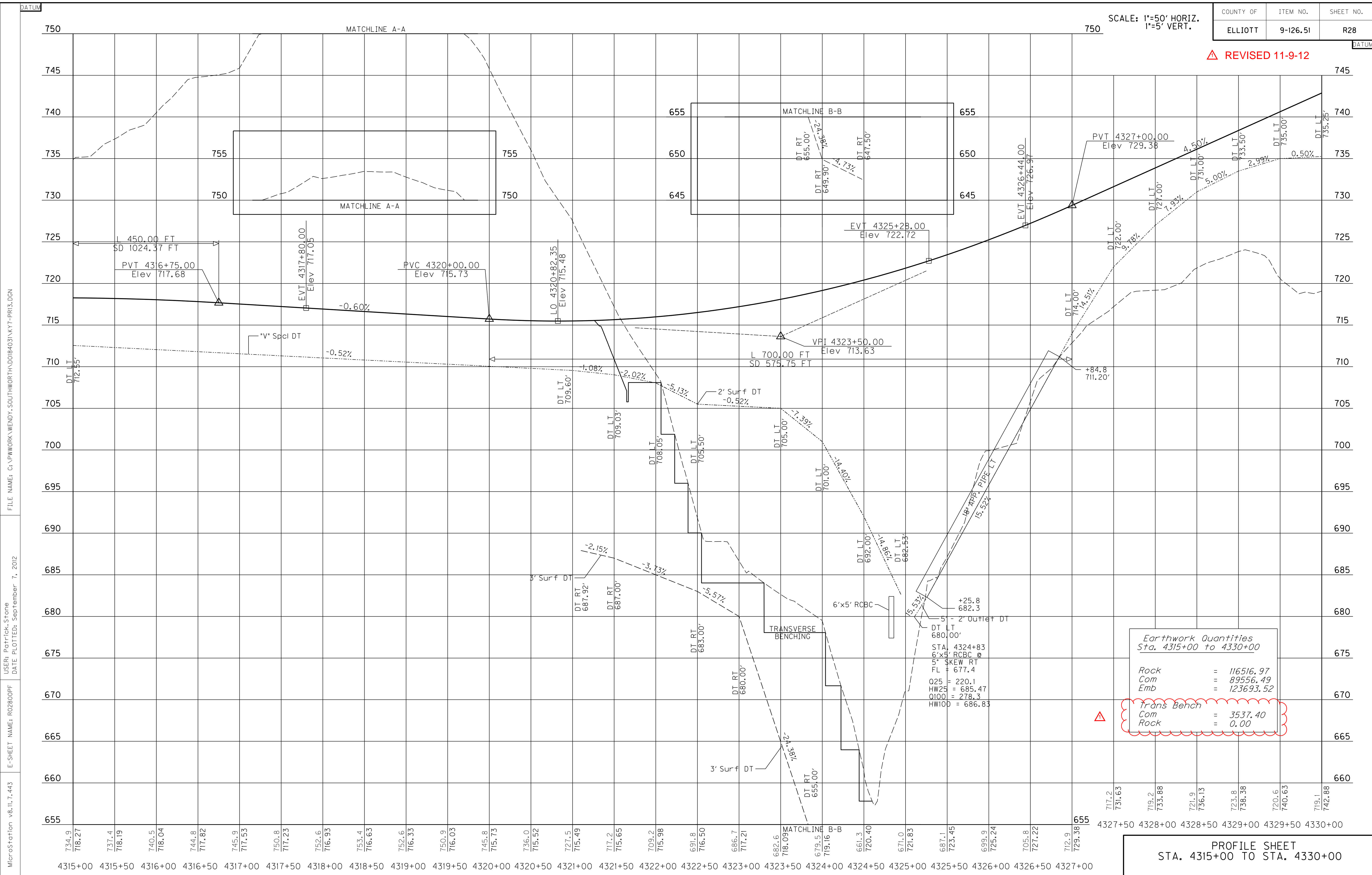
Earthwork Quantities	
Sta. 4315+00 to 4330+00	
Rock	= 116516.97
Com	= 89556.49
Emb	= 123693.52
Trans Bench	
Com	= 3537.40
Rock	= 0.00

PROFILE SHEET
STA. 4315+00 TO STA. 4330+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R28

REVISD 11-9-12



Earthwork Quantities
Sta. 4315+00 to 4330+00

Rock	=	116516.97
Com	=	89556.49
Emb	=	123693.52

Trans Bench		
Com	=	3537.40
Rock	=	0.00

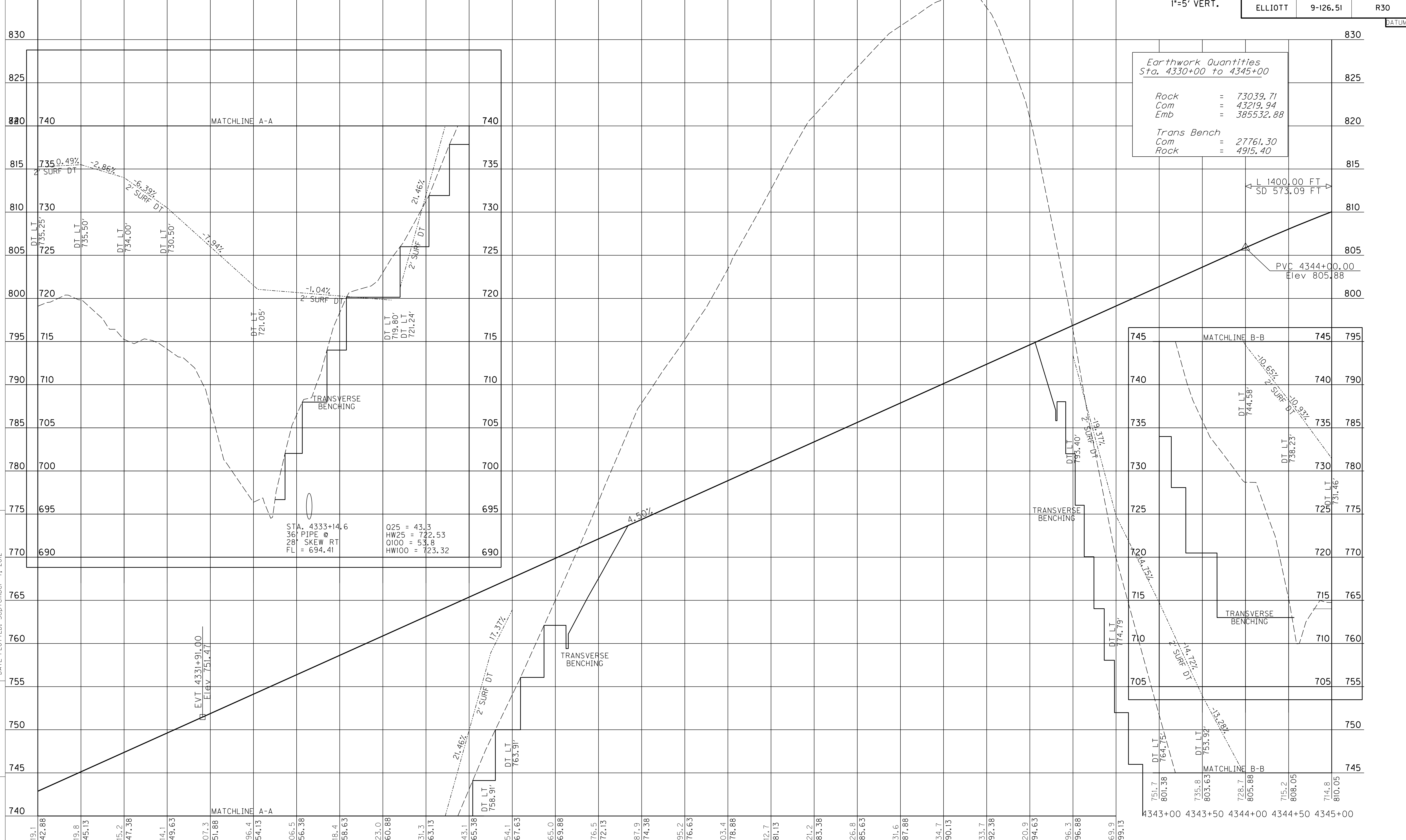
PROFILE SHEET
STA. 4315+00 TO STA. 4330+00

MicroStation v8.11.7.443 E-SHEET NAME: R02800PF USER: Patrick.Stone DATE PLOTTED: September 7, 2012 FILE NAME: C:\PWORK\WENDY_SOUTH\WORTH\00184031\K7-PR13.DGN

DATUM
835

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R30



Earthwork Quantities
Sta. 4330+00 to 4345+00

Rock	=	73039.71
Com	=	43219.94
Emb	=	385532.88
Trans Bench		
Com	=	27761.30
Rock	=	4915.40

L 1400.00 FT
SD 573.09 FT

PVC 4344+00.00
Elev 805.88

STA. 4333+14.6
36" PIPE
28' SKEW RT
FL = 694.41

Q25	=	43.3
HW25	=	722.53
O100	=	53.8
HW100	=	723.32

EVT 4331+91.00
Elev 751.47

MicroStation v8.11.7.443
 E-SHEET NAME: R03000PF
 USER: Kevin.Martin
 DATE PLOTTED: September 7, 2012
 FILE NAME: G:\PWORK\JASON.LITTLETON\084031\KX7-PR14.DGN

4330+00 4330+50 4331+00 4331+50 4332+00 4332+50 4333+00 4333+50 4334+00 4334+50 4335+00 4335+50 4336+00 4336+50 4337+00 4337+50 4338+00 4338+50 4339+00 4339+50 4340+00 4340+50 4341+00 4341+50 4342+00 4342+50

PROFILE SHEET
STA. 4330+00 TO STA. 4345+00

DATUM
835

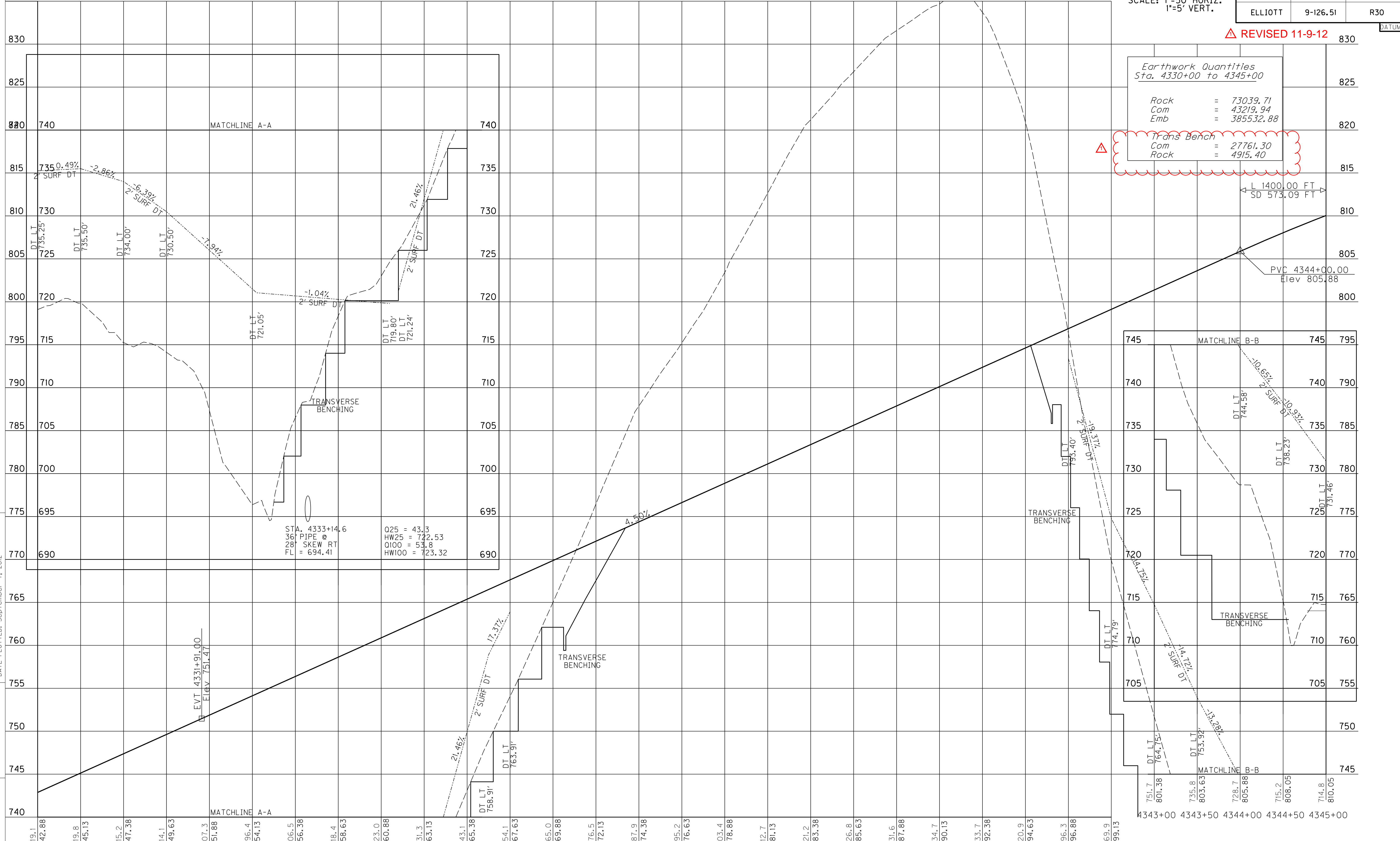
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R30

REVISD 11-9-12

Earthwork Quantities Sta. 4330+00 to 4345+00	
Rock	= 73039.71
Com	= 43219.94
Emb	= 385532.88
Trans Bench	
Com	= 27761.30
Rock	= 4915.40

MicroStation v8.11.7.443 E-SHEET NAME: R03000PF USER: Kevin.Martin DATE PLOTTED: September 7, 2012 FILE NAME: G:\PWORK\JASON.LITTLETON\084031\KX7-PR14.DGN



4330+00 4330+50 4331+00 4331+50 4332+00 4332+50 4333+00 4333+50 4334+00 4334+50 4335+00 4335+50 4336+00 4336+50 4337+00 4337+50 4338+00 4338+50 4339+00 4339+50 4340+00 4340+50 4341+00 4341+50 4342+00 4342+50

PROFILE SHEET
STA. 4330+00 TO STA. 4345+00

DATUM
855

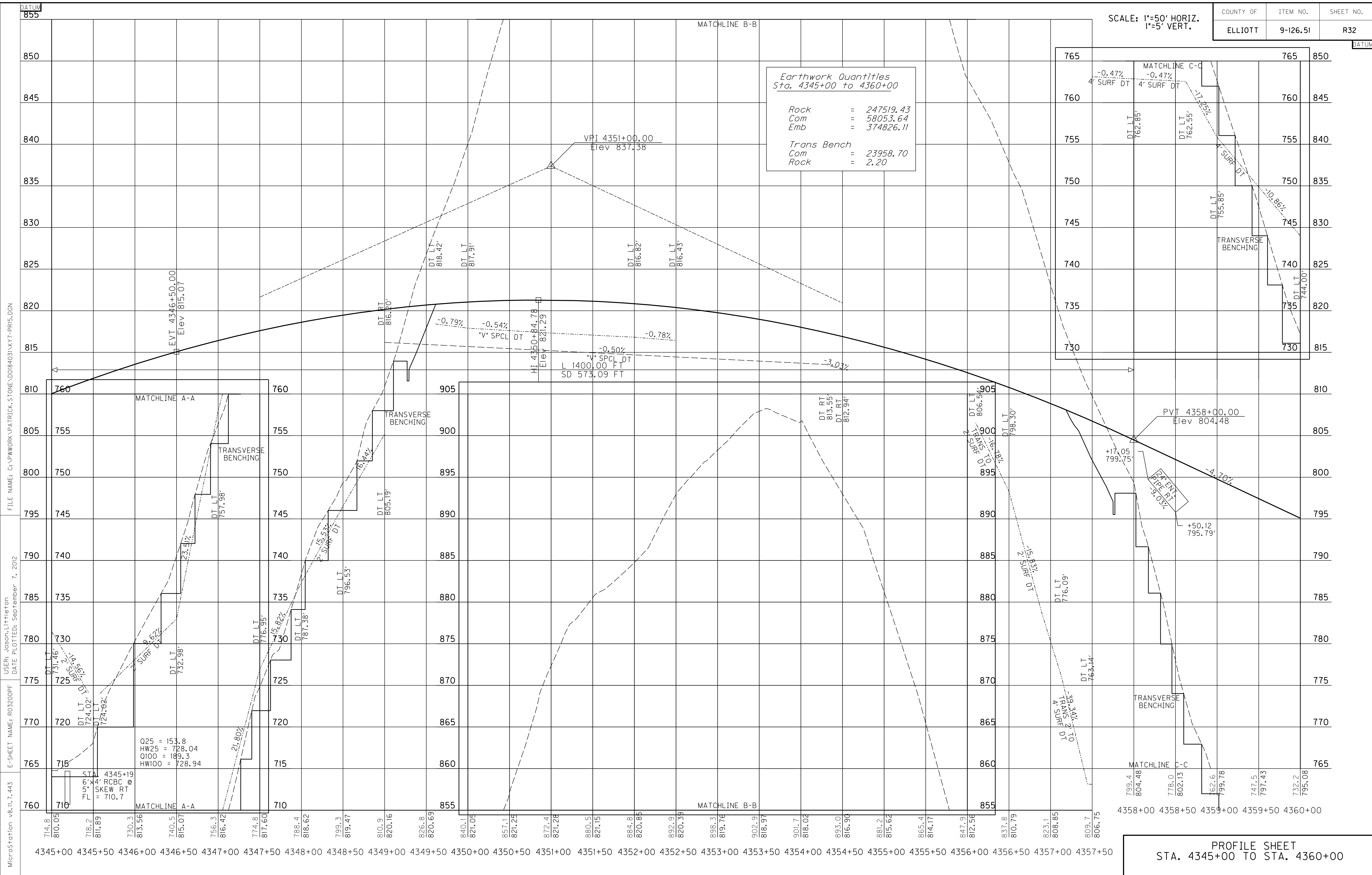
SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R32

Earthwork Quantities
Sta. 4345+00 to 4360+00

Rock = 247519.43
Com = 58053.64
Emb = 374826.11

Trans Bench
Com = 23958.70
Rock = 2.20



MicroStation v8.11.7.443
 E-SHEET NAME: R03200PF
 USER: Jason.L.Hinton
 DATE PLOTTED: September 7, 2012
 FILE NAME: G:\PWORK\PATRICK.STONE\084031\K7-PRIS.DGN

PROFILE SHEET
STA. 4345+00 TO STA. 4360+00

DATUM
855

SCALE: 1"=50' HORIZ.
1"=5' VERT.
REVISD 11-9-12

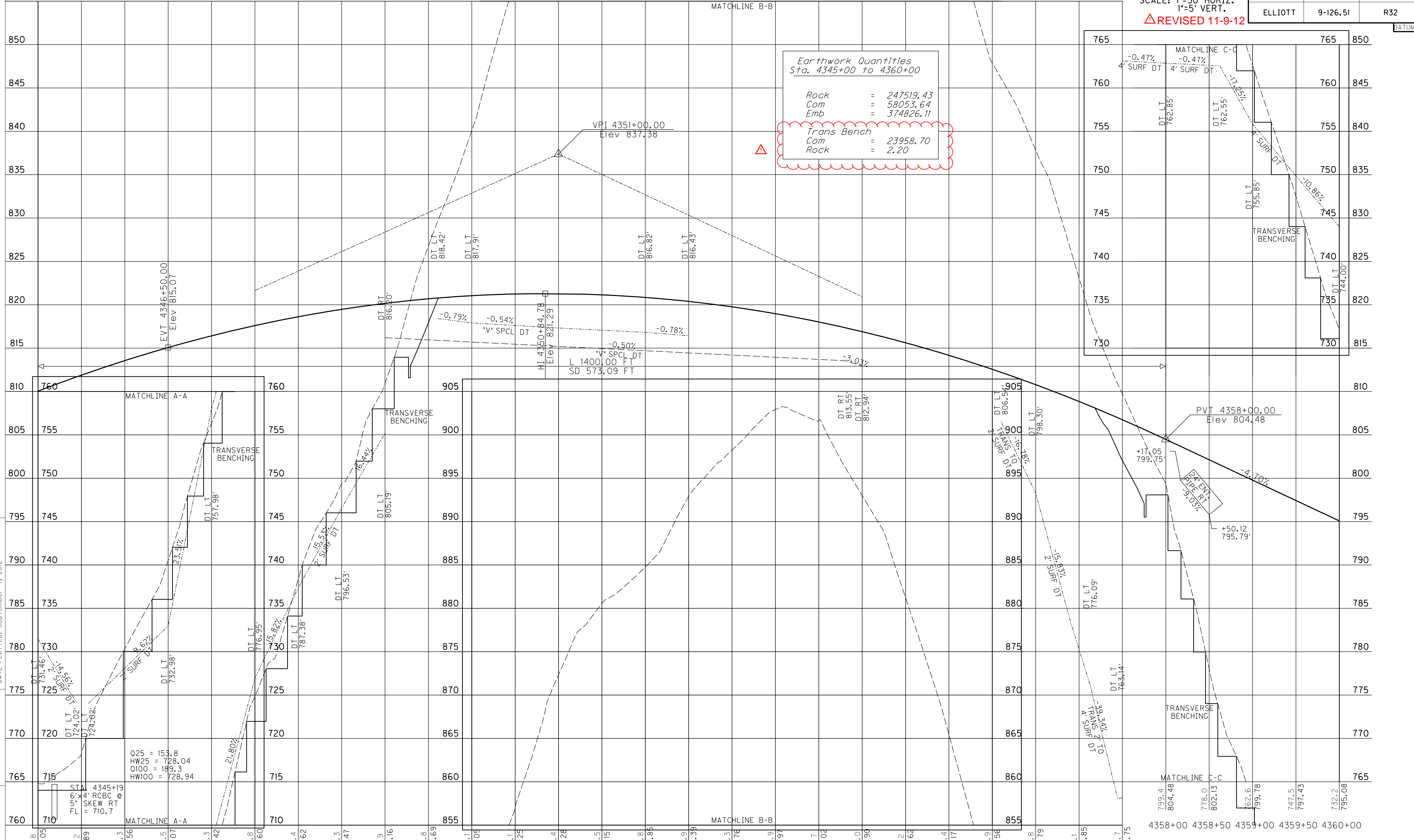
COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R32

Earthwork Quantities
Sta. 4345+00 to 4360+00

Rock = 247519.43
Com = 58053.64
Emb = 374826.11

Trans Bench
Com = 23958.70
Rock = 2.20

MicroStation v8.11.7.443
E-SHEET NAME: R03200PF
USER: Jason.L.Hinton
DATE PLOTTED: September 7, 2012
FILE NAME: G:\PWORK\PATRICK.STONE\DOB403\NKY7-PRIS.DGN



4345+00 4345+50 4346+00 4346+50 4347+00 4347+50 4348+00 4348+50 4349+00 4349+50 4350+00 4350+50 4351+00 4351+50 4352+00 4352+50 4353+00 4353+50 4354+00 4354+50 4355+00 4355+50 4356+00 4356+50 4357+00 4357+50

PROFILE SHEET
STA. 4345+00 TO STA. 4360+00

DATUM
810

SCALE: 1"=50' HORIZ.
1"=5' VERT.

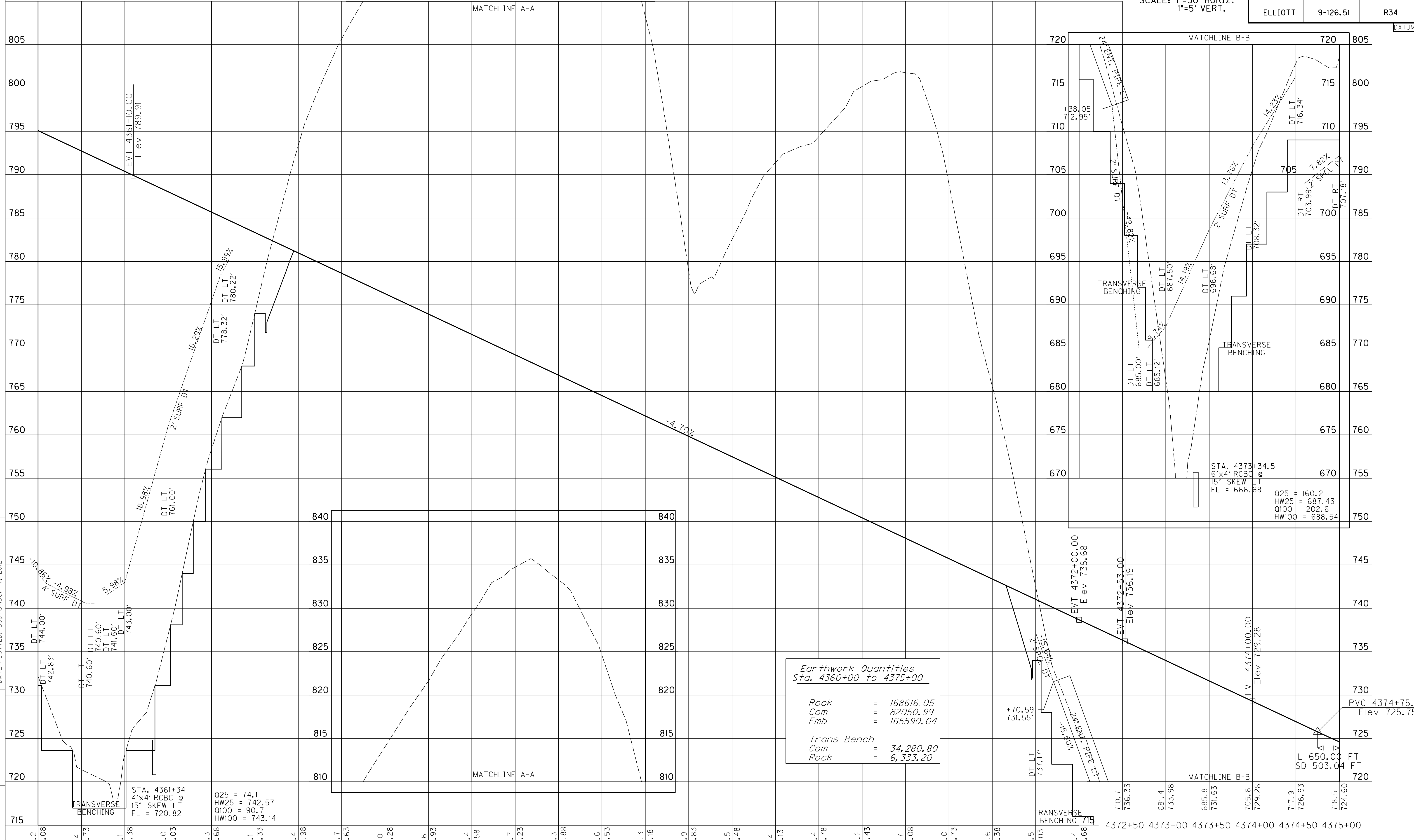
COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R34

FILE NAME: C:\PWORK\JASON.LITTLETON\0084031\XY7-PRIG.DGN

USER: Wendy.Southworth
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R03400PF

MicroStation v8.11.7.443



Earthwork Quantities
Sta. 4360+00 to 4375+00

Rock	=	168616.05
Com	=	82050.99
Emb	=	165590.04
Trans Bench		
Com	=	34,280.80
Rock	=	6,333.20

STA. 4361+34
4'x4' RCBC
15' SKEW
FL = 720.82

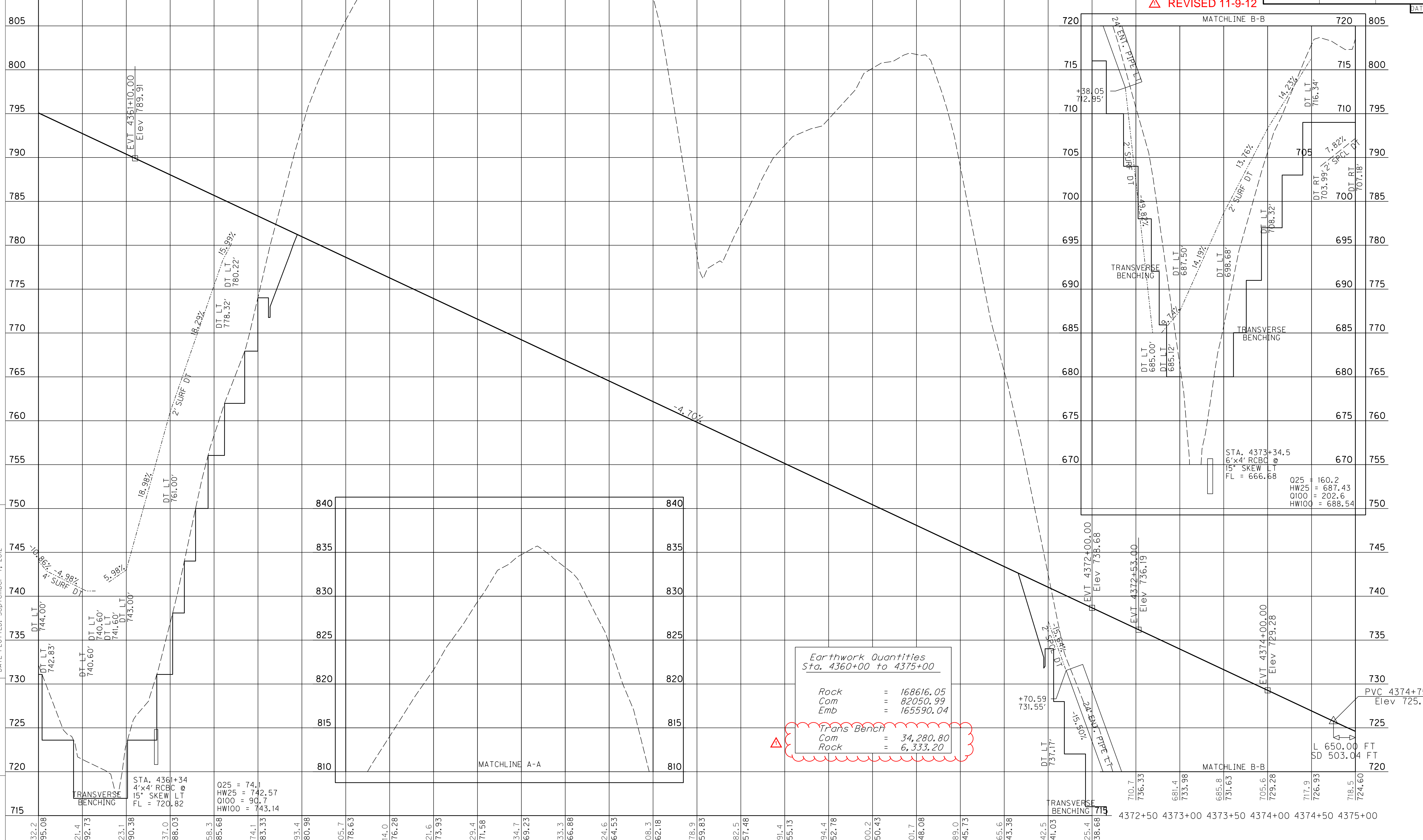
O25 = 74.1
HW25 = 742.57
O100 = 90.7
HW100 = 743.14

STA. 4373+34.5
6'x4' RCBC
15' SKEW
FL = 666.68

O25 = 160.2
HW25 = 687.43
O100 = 202.6
HW100 = 688.54

DATUM

810



SCALE: 1"=50' HORIZ.
1"=5' VERT.
△ REVISED 11-9-12

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R34

DATUM

FILE NAME: C:\PWORK\JASON.LITTLETON\0084031\XY7-PRIG.DGN

USER: Wendy.Southworth
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R03400PF

MicroStation v8.11.7.443

3732.2 3795.08 3721.4 3792.73 3723.1 3790.38 3737.0 3788.03 3758.3 3785.68 3774.1 3783.33 3793.4 3780.98 3805.7 3778.63 3814.0 3776.28 3821.6 3773.93 3829.4 3771.58 3834.7 3769.23 3833.3 3766.88 3824.6 3764.53 3808.3 3762.18 3778.9 3759.83 3782.5 3757.48 3791.4 3755.13 3794.4 3752.78 3800.2 3750.43 3801.7 3748.08 3789.0 3745.73 3765.6 3743.38 3742.5 3741.03 3725.4 3738.68 3710.7 3736.33 37681.4 3733.98 37685.8 3731.63 3705.6 3729.28 3717.9 3726.93 3718.5 3724.60

3732.2 3795.08 3721.4 3792.73 3723.1 3790.38 3737.0 3788.03 3758.3 3785.68 3774.1 3783.33 3793.4 3780.98 3805.7 3778.63 3814.0 3776.28 3821.6 3773.93 3829.4 3771.58 3834.7 3769.23 3833.3 3766.88 3824.6 3764.53 3808.3 3762.18 3778.9 3759.83 3782.5 3757.48 3791.4 3755.13 3794.4 3752.78 3800.2 3750.43 3801.7 3748.08 3789.0 3745.73 3765.6 3743.38 3742.5 3741.03 3725.4 3738.68 3710.7 3736.33 37681.4 3733.98 37685.8 3731.63 3705.6 3729.28 3717.9 3726.93 3718.5 3724.60

3732.2 3795.08 3721.4 3792.73 3723.1 3790.38 3737.0 3788.03 3758.3 3785.68 3774.1 3783.33 3793.4 3780.98 3805.7 3778.63 3814.0 3776.28 3821.6 3773.93 3829.4 3771.58 3834.7 3769.23 3833.3 3766.88 3824.6 3764.53 3808.3 3762.18 3778.9 3759.83 3782.5 3757.48 3791.4 3755.13 3794.4 3752.78 3800.2 3750.43 3801.7 3748.08 3789.0 3745.73 3765.6 3743.38 3742.5 3741.03 3725.4 3738.68 3710.7 3736.33 37681.4 3733.98 37685.8 3731.63 3705.6 3729.28 3717.9 3726.93 3718.5 3724.60

Earthwork Quantities
Sta. 4360+00 to 4375+00

Rock = 168616.05
Com = 82050.99
Emb = 165590.04

Trans Bench
Com = 34,280.80
Rock = 6,333.20

PROFILE SHEET
STA. 4360+00 TO STA. 4375+00

DATUM

775

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R36

DATUM

770

765

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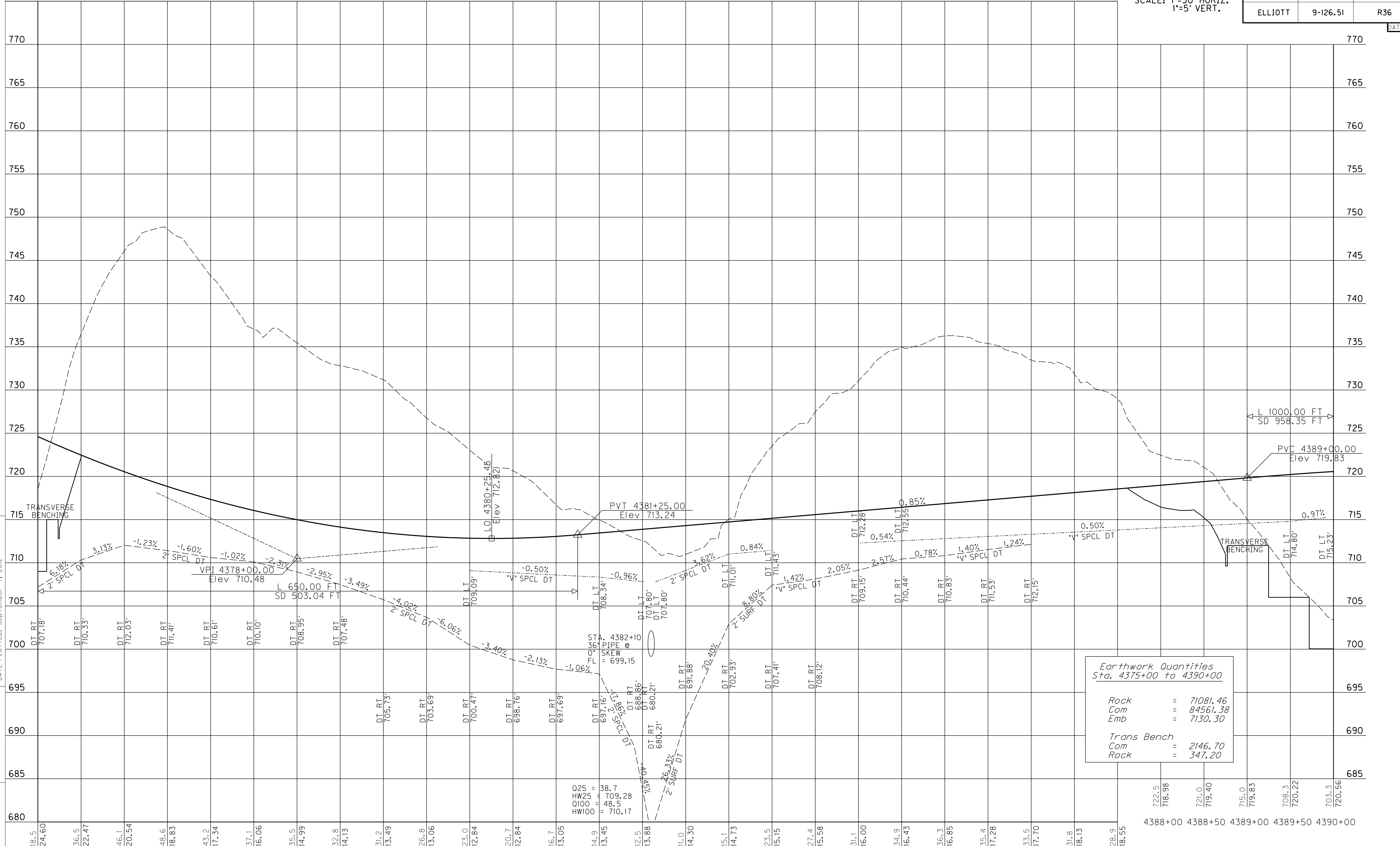
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FILE NAME: C:\PWORK\JASON.LITTLETON\0084031\KX7-PR17.DGN

USER: Jason.Littleton
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R03600PF

MicroStation v8.11.7.443



L 1000.00 FT
SD 958.35 FT

PVC 4389+00.00
Elev 719.83

PVT 4381+25.00
Elev 713.24

VPI 4378+00.00
Elev 710.48

L 650.00 FT
SD 503.04 FT

STA. 4382+10
36" PIPE @
SKEW = 699.15

Earthwork Quantities Sta. 4375+00 to 4390+00	
Rock	= 71081.46
Com	= 84561.38
Emb	= 7130.30
Trans Bench	
Com	= 2146.70
Rock	= 347.20

025 = 38.7
HW25 = 709.28
O100 = 48.5
HW100 = 710.17

4375+00 4375+50 4376+00 4376+50 4377+00 4377+50 4378+00 4378+50 4379+00 4379+50 4380+00 4380+50 4381+00 4381+50 4382+00 4382+50 4383+00 4383+50 4384+00 4384+50 4385+00 4385+50 4386+00 4386+50 4387+00 4387+50

718.5 724.60 736.5 722.47 746.1 720.54 748.6 718.83 743.2 717.34 737.1 716.06 735.5 714.99 732.8 714.13 731.2 713.49 726.8 713.06 723.0 712.84 720.7 712.84 716.7 713.05 714.9 713.45 712.5 713.88 711.0 714.30 715.1 714.73 723.5 715.15 727.4 715.58 731.1 716.00 734.9 716.43 736.3 716.85 735.4 717.28 733.5 717.70 731.8 718.13 728.9 718.55

4388+00 4388+50 4389+00 4389+50 4390+00

722.5 718.98 721.0 719.40 715.0 719.83 708.3 720.22 703.3 720.56

PROFILE SHEET
STA. 4375+00 TO STA. 4390+00

DATUM

775

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R36

REVISD 11-9-12

DATUM

770

765

760

755

750

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735

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685

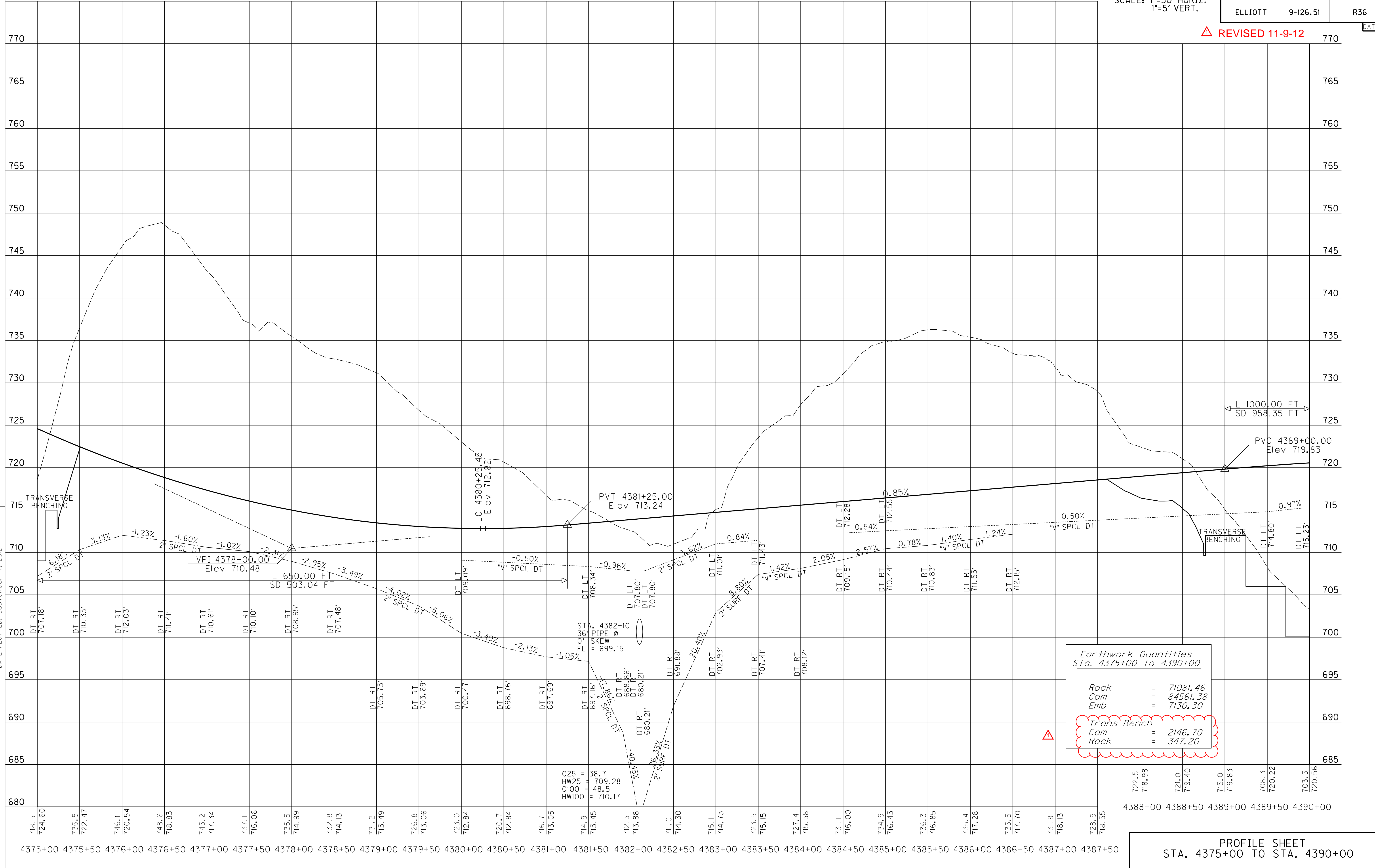
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FILE NAME: C:\PWORK\JASON.LITTLETON\0084031\KX7-PR17.DGN

USER: Jason.Littleton
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R03600PF

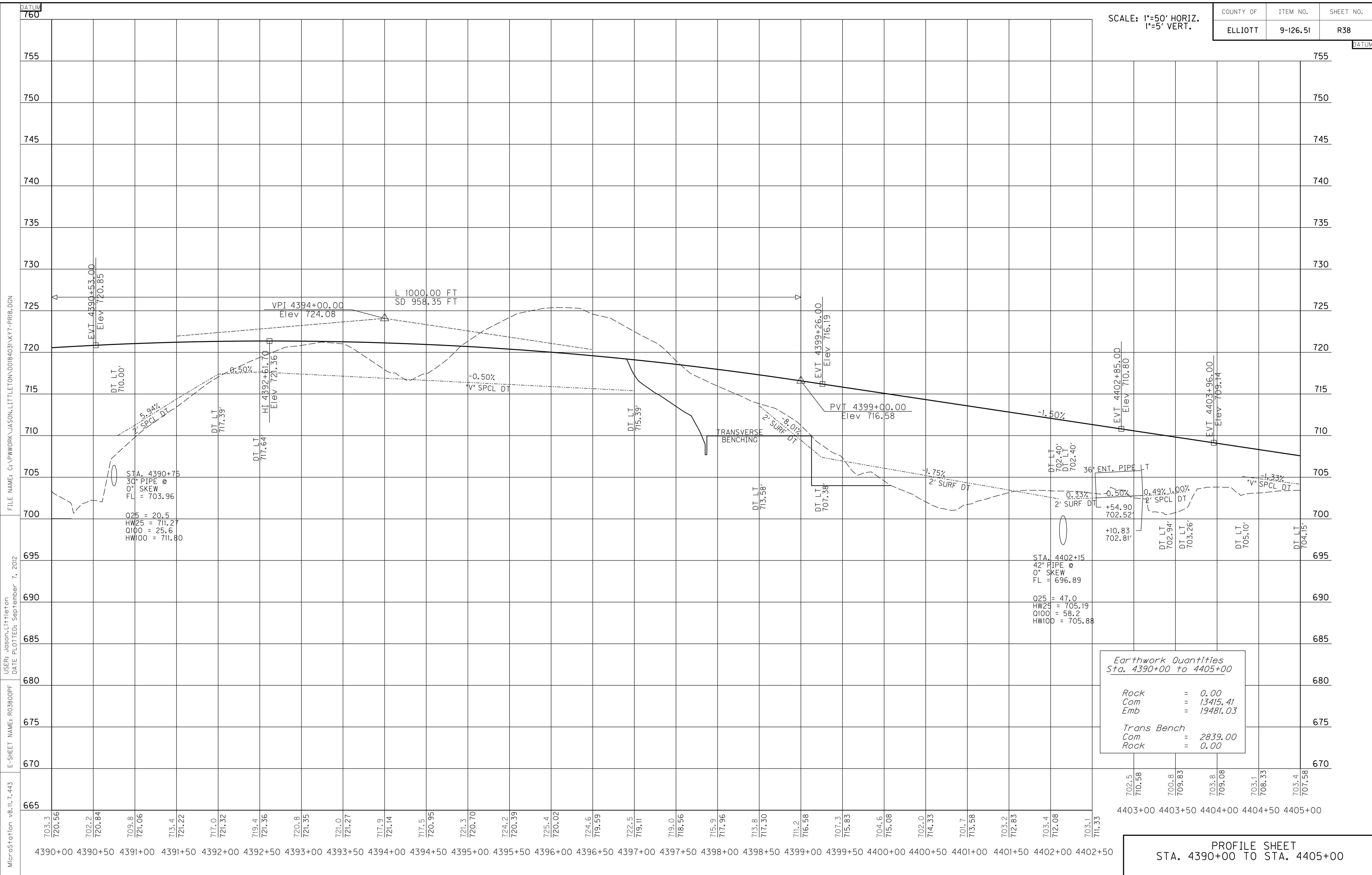
MicroStation v8.11.7.443



PROFILE SHEET
STA. 4375+00 TO STA. 4390+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R38



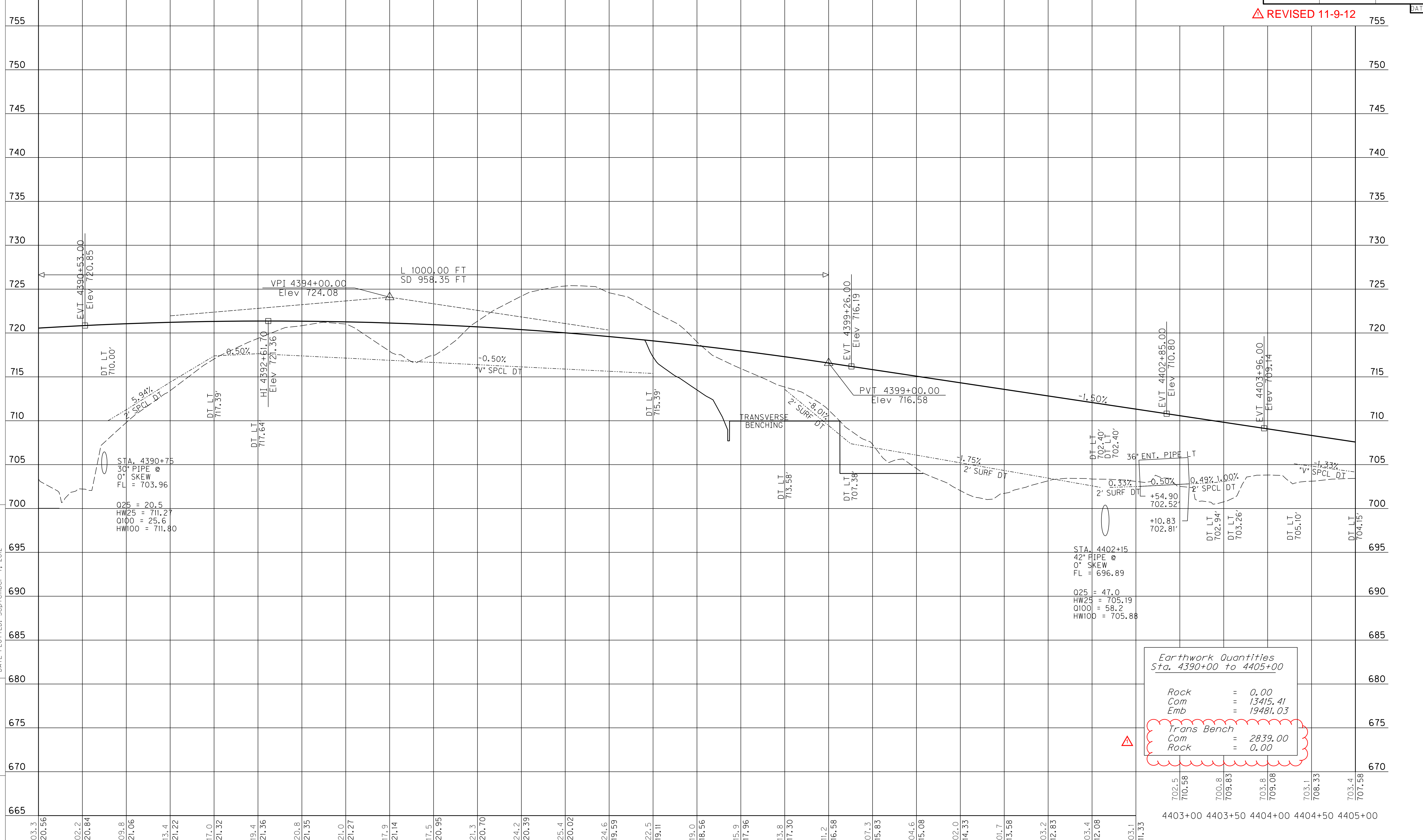
FILE NAME: G:\PWORK\JASON.LITTLETON\008403\NKY7-PRR.DGN
 USER: Jason.Littleton
 DATE PLOTTED: September 7, 2012
 E-SHEET NAME: R03800PF
 MicroStation v8.11.7.443

Rock	=	0.00
Com	=	13415.41
Emb	=	19481.03
Trans Bench		
Com	=	2839.00
Rock	=	0.00

PROFILE SHEET
STA. 4390+00 TO STA. 4405+00

DATUM

760



SCALE: 1"=50' HORIZ.
1"=5' VERT.

COUNTY OF	ITEM NO.	SHEET NO.
ELLIOTT	9-126.51	R38

△ REVISED 11-9-12

FILE NAME: C:\PWORK\JASON.LITTLETON\008403\NKY7-PRR6.DGN

USER: Jason.Littleton
DATE PLOTTED: September 7, 2012

E-SHEET NAME: R03800PF

MicroStation v8.11.7.443

Earthwork Quantities Sta. 4390+00 to 4405+00	
Rock	= 0.00
Com	= 13415.41
Emb	= 19481.03
Trans Bench	
Com	= 2839.00
Rock	= 0.00

4390+00 4390+50 4391+00 4391+50 4392+00 4392+50 4393+00 4393+50 4394+00 4394+50 4395+00 4395+50 4396+00 4396+50 4397+00 4397+50 4398+00 4398+50 4399+00 4399+50 4400+00 4400+50 4401+00 4401+50 4402+00 4402+50

PROFILE SHEET
STA. 4390+00 TO STA. 4405+00

REVISD 11-9-12

MAINLINE

Table with 5 columns: BASELINE STATION, COM CY, ROCK EXC CY, EMB CY, ROCK ROADBED CY. Rows 4362+50.00 to 4388+00.00.

MAINLINE

Table with 5 columns: BASELINE STATION, COM CY, ROCK EXC CY, EMB CY, ROCK ROADBED CY. Rows 4388+50.00 to 4414+00.00.

MAINLINE

Table with 5 columns: BASELINE STATION, COM CY, ROCK EXC CY, EMB CY, ROCK ROADBED CY. Rows 4414+50.00 to 4427+00.00.

Summary table with 5 columns: BASELINE STATION, COM CY, ROCK EXC CY, EMB CY, ROCK ROADBED CY. Rows 4150+00 - 4165+00 to MAINLINE TOTALS.

**EARTHWORK QUANTITIES WERE CALCULATED USING INROADS TRIANGLE VOLUMES INSTEAD OF END-AREA VOLUMES FROM CROSS SECTIONS. SEE "SPECIAL NOTE FOR THE USE OF A 3D DESIGN MODEL" ON SHEET R2R FOR MORE INFORMATION.

FILE NAME: G:\PWORK\JASON.LITTLETON\DOB84031\MLVOLUME.DGN

USER: Jason.Littleton DATE: PLOTTED: July 11, 2012

E-SHEET NAME: X38000XS

MicroStation v8.11.7.443

PROPOSAL BID ITEMS

Report Date 11/9/12

Section: 0001 - PAVING (ASPHALT)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	1,495.00	TON		\$	
0020	00003		CRUSHED STONE BASE	84,131.00	TON		\$	
0030	00020		TRAFFIC BOUND BASE	166.00	TON		\$	
0040	00071		CRUSHED AGGREGATE SIZE NO 57	298.00	TON		\$	
0050	00100		ASPHALT SEAL AGGREGATE	715.00	TON		\$	
0060	00103		ASPHALT SEAL COAT	86.00	TON		\$	
0070	00190		LEVELING & WEDGING PG64-22	626.00	TON		\$	
0080	00212		CL2 ASPH BASE 1.00D PG64-22	55,319.00	TON		\$	
0090	00301		CL2 ASPH SURF 0.38D PG64-22	13,884.00	TON		\$	
0100	02200		ROADWAY EXCAVATION	3,127,564.00	CUYD		\$	
0110	10203ND		PAVEMENT ADJUSTMENT(ASPHALT)	1.00	LS	916,208.00	\$	\$916,208.00

Section: 0002 - PAVING (CONCRETE W/ CONCRETE SHOULDERS)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0120	00001		DGA BASE	1,495.00	TON		\$	
0130	00003		CRUSHED STONE BASE	79,791.00	TON		\$	
0140	00020		TRAFFIC BOUND BASE	166.00	TON		\$	
0150	00100		ASPHALT SEAL AGGREGATE	715.00	TON		\$	
0160	00103		ASPHALT SEAL COAT	86.00	TON		\$	
0170	00190		LEVELING & WEDGING PG64-22	626.00	TON		\$	
0180	00212		CL2 ASPH BASE 1.00D PG64-22	4,464.00	TON		\$	
0190	00301		CL2 ASPH SURF 0.38D PG64-22	3,298.00	TON		\$	
0200	02078		JPC PAVEMENT-6 IN SHLD	47,735.00	SQYD		\$	
0210	02084		JPC PAVEMENT-8 IN	106,251.00	SQYD		\$	
0220	02200		ROADWAY EXCAVATION	3,126,771.00	CUYD		\$	
0230	10203ND		PAVEMENT ADJUSTMENT	1.00	LS	423,272.00	\$	\$423,272.00

Section: 0003 - PAVING (CONCRETE W/ ASPHALT SHOULDERS)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0240	00001		DGA BASE	1,495.00	TON		\$	
0250	00003		CRUSHED STONE BASE	84,131.00	TON		\$	
0260	00020		TRAFFIC BOUND BASE	166.00	TON		\$	
0270	00100		ASPHALT SEAL AGGREGATE	715.00	TON		\$	
0280	00103		ASPHALT SEAL COAT	86.00	TON		\$	
0290	00190		LEVELING & WEDGING PG64-22	626.00	TON		\$	
0300	00212		CL2 ASPH BASE 1.00D PG64-22	17,790.00	TON		\$	
0310	00301		CL2 ASPH SURF 0.38D PG64-22	7,286.00	TON		\$	
0320	02084		JPC PAVEMENT-8 IN	95,973.00	SQYD		\$	
0330	02200		ROADWAY EXCAVATION	3,126,771.00	CUYD		\$	
0340	10203ND		PAVEMENT ADJUSTMENT	1.00	LS	423,272.00	\$	\$423,272.00

Section: 0004 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0350	00078		CRUSHED AGGREGATE SIZE NO 2	20.00	TON		\$	

PROPOSAL BID ITEMS

Report Date 11/9/12

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0360	01000		PERFORATED PIPE-4 IN	310.00	LF		\$	
0370	01001		PERFORATED PIPE-6 IN	827.00	LF		\$	
0380	01010		NON-PERFORATED PIPE-4 IN	54.00	LF		\$	
0390	01011		NON-PERFORATED PIPE-6 IN	162.00	LF		\$	
0400	01020		PERF PIPE HEADWALL TY 1-4 IN	1.00	EACH		\$	
0410	01021		PERF PIPE HEADWALL TY 1-6 IN	2.00	EACH		\$	
0420	01029		PERF PIPE HEADWALL TY 3-6 IN	5.00	EACH		\$	
0430	01032		PERF PIPE HEADWALL TY 4-4 IN	4.00	EACH		\$	
0440	01033		PERF PIPE HEADWALL TY 4-6 IN	8.00	EACH		\$	
0450	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	160.00	EACH		\$	
0460	01984		DELINEATOR FOR BARRIER - WHITE	34.00	EACH		\$	
0470	02014		BARRICADE-TYPE III	16.00	EACH		\$	
0480	02091		REMOVE PAVEMENT	8,887.00	SQYD		\$	
0490	02159		TEMP DITCH	15,000.00	LF		\$	
0500	02160		CLEAN TEMP DITCH	7,500.00	LF		\$	
0510	02242		WATER	1,000.00	MGAL		\$	
0520	02351		GUARDRAIL-STEEL W BEAM-S FACE	12,425.00	LF		\$	
0530	02360		GUARDRAIL TERMINAL SECTION NO 1	27.00	EACH		\$	
0540	02367		GUARDRAIL END TREATMENT TYPE 1	7.00	EACH		\$	
0550	02371		GUARDRAIL END TREATMENT TYPE 7	4.00	EACH		\$	
0560	02373		GUARDRAIL END TREATMENT TYPE 3	4.00	EACH		\$	
0570	02381		REMOVE GUARDRAIL	14,965.00	LF		\$	
0580	02429		RIGHT-OF-WAY MONUMENT TYPE 1	115.00	EACH		\$	
0590	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	3.00	EACH		\$	
0600	02431		WITNESS R/W MONUMENT TYPE 2	8.00	EACH		\$	
0610	02475		PLUG WATER WELL	14.00	EACH		\$	
0620	02482		CHANNEL LINING CLASS IA	2,398.00	TON		\$	
0630	02483		CHANNEL LINING CLASS II	4,301.00	TON		\$	
0640	02488		CHANNEL LINING CLASS IV	3,979.00	CUYD		\$	
0650	02545		CLEARING AND GRUBBING(229 ACRES)	1.00	LS		\$	
0660	02562		SIGNS	918.00	SQFT		\$	
0670	02585		EDGE KEY	230.00	LF		\$	
0680	02622		RIFFLE STRUCTURE-GABION	98.00	EACH		\$	
0690	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0700	02651		DIVERSIONS (BY-PASS DETOURS)(2)	1.00	LS		\$	
0710	02651		DIVERSIONS (BY-PASS DETOURS)(1A)	1.00	LS		\$	
0720	02651		DIVERSIONS (BY-PASS DETOURS)(1)	1.00	LS		\$	
0730	02701		TEMP SILT FENCE	26,400.00	LF		\$	
0740	02703		SILT TRAP TYPE A	229.00	EACH		\$	
0750	02704		SILT TRAP TYPE B	229.00	EACH		\$	
0760	02705		SILT TRAP TYPE C	1.00	EACH		\$	
0770	02706		CLEAN SILT TRAP TYPE A	2,061.00	EACH		\$	
0780	02707		CLEAN SILT TRAP TYPE B	2,061.00	EACH		\$	
0790	02708		CLEAN SILT TRAP TYPE C	9.00	EACH		\$	
0800	02709		CLEAN TEMP SILT FENCE	26,400.00	LF		\$	
0810	02711		SEDIMENTATION BASIN	12,436.00	CUYD		\$	
0820	02712		CLEAN SEDIMENTATION BASIN	12,436.00	CUYD		\$	
0830	02726		STAKING	1.00	LS		\$	
0831	02731		REMOVE STRUCTURESTA 4165+50	1.00	LS		\$	

PROPOSAL BID ITEMS

Report Date 11/9/12

ELLIOTT COUNTY
 STPR 0971(025)
 121363

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0832	02731		REMOVE STRUCTURESTA 4173+01	1.00	LS		\$	
0833	02731		REMOVE STRUCTURESTA 4197+70	1.00	LS		\$	
0834	02731		REMOVE STRUCTURESTA 4211+94	1.00	LS		\$	
0835	02731		REMOVE STRUCTURESTA 4253+75	1.00	LS		\$	
0836	02731		REMOVE STRUCTURESTA 4303+20	1.00	LS		\$	
0837	02731		REMOVE STRUCTURESTA 4324+53	1.00	LS		\$	
0838	02731		REMOVE STRUCTURESTA 4373+30	1.00	LS		\$	
0839	02731		REMOVE STRUCTURESTA 4400+79	1.00	LS		\$	
0840	03171		CONCRETE BARRIER WALL TYPE 9T	2,070.00	LF		\$	
0850	05026		EASTERN WHITE PINE	50.00	EACH		\$	
0860	05950		EROSION CONTROL BLANKET	35,005.00	SQYD		\$	
0870	05952		TEMP MULCH	784,080.00	SQYD		\$	
0880	05953		TEMP SEEDING AND PROTECTION	784,080.00	SQYD		\$	
0890	05966		TOPDRESSING FERTILIZER	41.00	TON		\$	
0891	05985		SEEDING AND PROTECTION	598,680.00	SQYD		\$	
0900	06417		FLEXIBLE DELINEATOR POST-W	152.00	EACH		\$	
0910	06418		FLEXIBLE DELINEATOR POST-Y	155.00	EACH		\$	
0920	06510		PAVE STRIPING-TEMP PAINT-4 IN	79,200.00	LF		\$	
0930	06514		PAVE STRIPING-PERM PAINT-4 IN	130,955.00	LF		\$	
0940	06550		PAVE STRIPING-TEMP REM TAPE-W	13,200.00	LF		\$	
0950	06551		PAVE STRIPING-TEMP REM TAPE-Y	13,200.00	LF		\$	
0960	06568		PAVE MARKING-THERMO STOP BAR-24IN	195.00	LF		\$	
0970	06574		PAVE MARKING-THERMO CURV ARROW	2.00	EACH		\$	
0980	06585		PAVEMENT MARKER TY IVA-MW TEMP	300.00	EACH		\$	
0990	06586		PAVEMENT MARKER TY IVA-MY TEMP	300.00	EACH		\$	
1000	06588		PAVEMENT MARKER TY IVA-BY TEMP	150.00	EACH		\$	
1010	08019		CYCLOPEAN STONE RIP RAP	206.00	TON		\$	
1020	20738NS112		TEMP CRASH CUSHION	4.00	EACH		\$	
1030	20911ED		HIGH SLUMP 3000 PSI GROUT	62.00	CUYD		\$	
1040	22012NN		CUT AND CAP WATERLINE	1.00	EACH		\$	
1050	23821EC		CENTERLINE RUMBLE STRIPS-12 IN	27,250.00	LF		\$	

PROPOSAL BID ITEMS

Report Date 11/9/12

Section: 0005 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1060	00440		ENTRANCE PIPE-15 IN(REVISED: 10-31-12)	407.00	LF		\$	
1070	00441		ENTRANCE PIPE-18 IN(REVISED: 10-31-12)	282.00	LF		\$	
1080	00443		ENTRANCE PIPE-24 IN	275.00	LF		\$	
1090	00445		ENTRANCE PIPE-30 IN(REVISED: 10-31-12)	139.00	LF		\$	
1100	00462		CULVERT PIPE-18 IN	438.00	LF		\$	
1110	00464		CULVERT PIPE-24 IN	277.00	LF		\$	
1120	00466		CULVERT PIPE-30 IN	459.00	LF		\$	
1130	00468		CULVERT PIPE-36 IN(NO ALTERNATES)	434.00	LF		\$	
1140	00468		CULVERT PIPE-36 IN	1,289.00	LF		\$	
1150	00469		CULVERT PIPE-42 IN	382.00	LF		\$	
1160	00470		CULVERT PIPE-48 IN	718.00	LF		\$	
1170	00471		CULVERT PIPE-54 IN	446.00	LF		\$	
1180	00472		CULVERT PIPE-60 IN	145.00	LF		\$	
1190	00474		CULVERT PIPE-72 IN	122.00	LF		\$	
1200	00501		CULVERT PIPE-60 IN EQUIV	198.00	LF		\$	
1210	01450		S & F BOX INLET-OUTLET-18 IN	3.00	EACH		\$	
1220	01451		S & F BOX INLET-OUTLET-24 IN	2.00	EACH		\$	
1230	01452		S & F BOX INLET-OUTLET-30 IN	7.00	EACH		\$	
1240	01453		S & F BOX INLET-OUTLET-36 IN	3.00	EACH		\$	
1250	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	23,797.00	SQYD	\$2.00	\$	\$47,594.00
1260	02690		SAFELADING	99.00	CUYD		\$	
1270	08100		CONCRETE-CLASS A	125.10	CUYD		\$	
1280	08150		STEEL REINFORCEMENT	8,534.00	LB		\$	
1290	21799EN		BORE AND JACK PIPE-24 IN	40.00	LF		\$	
1300	21800EN		BORE AND JACK PIPE-30 IN	42.00	LF		\$	
1310	23131ER701		PIPELINE VIDEO INSPECTION	3,809.00	LF		\$	
1320	24186EC		BORE AND JACK PIPE-36 IN	115.00	LF		\$	

Section: 0006 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1330	08002		STRUCTURE EXCAV-SOLID ROCK	4,212.00	CUYD		\$	
1340	08003		FOUNDATION PREPARATION(26821)	1.00	LS		\$	
1350	08003		FOUNDATION PREPARATION(26822)	1.00	LS		\$	
1360	08003		FOUNDATION PREPARATION(26823)	1.00	LS		\$	
1370	08003		FOUNDATION PREPARATION(26824)	1.00	LS		\$	
1380	08003		FOUNDATION PREPARATION(26825); (REVISED: 10-31-12)	1.00	LS		\$	
1390	08003		FOUNDATION PREPARATION(26826)	1.00	LS		\$	
1400	08100		CONCRETE-CLASS A	2,918.70	CUYD		\$	
1410	08150		STEEL REINFORCEMENT	473,688.00	LB		\$	

PROPOSAL BID ITEMS

Report Date 11/9/12

Section: 0007 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1420	06400		GMSS GALV STEEL TYPE A	837.00	LB		\$	
1430	06406		SBM ALUM SHEET SIGNS .080 IN	721.00	SQFT		\$	
1440	06411		STEEL POST TYPE 2	2,087.00	LF		\$	
1450	06412		STEEL POST MILE MARKERS	10.00	EACH		\$	
1460	06413		DELINEATORS-WHITE	60.00	EACH		\$	
1470	06414		DELINEATORS-AMBER	2.00	EACH		\$	
1480	06451		REMOVE SIGN SUPPORT BEAM	4.00	EACH		\$	
1490	06490		CLASS A CONCRETE FOR SIGNS	3.70	CUYD		\$	
1500	20419ND		ROADWAY CROSS SECTION	2.00	EACH		\$	
1510	21134ND		REMOVE-STORE AND REINSTALL SIGN	5.00	EACH		\$	
1520	21596ND		GMSS TYPE D	6.00	EACH		\$	
1530	21813NN		REMOVE AND RELOCATE SHEET SIGNS	16.00	EACH		\$	

Section: 0008 - TRAINEES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1540	02742		TRAINEE PAYMENT REIMBURSEMENT1 CLASS B OPERATOR	1,400.00	HOURL		\$	

Section: 0009 - MOBILIZATION / DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1550	02568		MOBILIZATION	1.00	LS		\$	
1560	02569		DEMOBILIZATION	1.00	LS		\$	