



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

December 10, 2013

CALL NO. 107
CONTRACT ID NO. 131084
Addendum # 2

Subject: Henderson County, STP 9004 (030)
Letting December 13, 2013

(1) Revised - Plan Sheets - R2, R2E

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". The signature is written in a cursive, flowing style.

Ryan Griffith
Director
Division of Construction Procurement

RG:ks

Enclosures



An Equal Opportunity Employer M/F/D

FILE NAME: P:\PROJECTS\0 PROJECTS\34 - KYTC BREATHITT PARKWAY INTERCHANGE\CONTRACT PLAN SET\ROADWAY TYPICALS.DGN
USER: bvolmer
DATE PLOTTED: January 1, 0001
E-SHEET NAME:
MicroStation v8.11.7.443

PAVEMENT

1 1/2" CL 4 ASPHALT SURFACE 0.50A PG 76-22

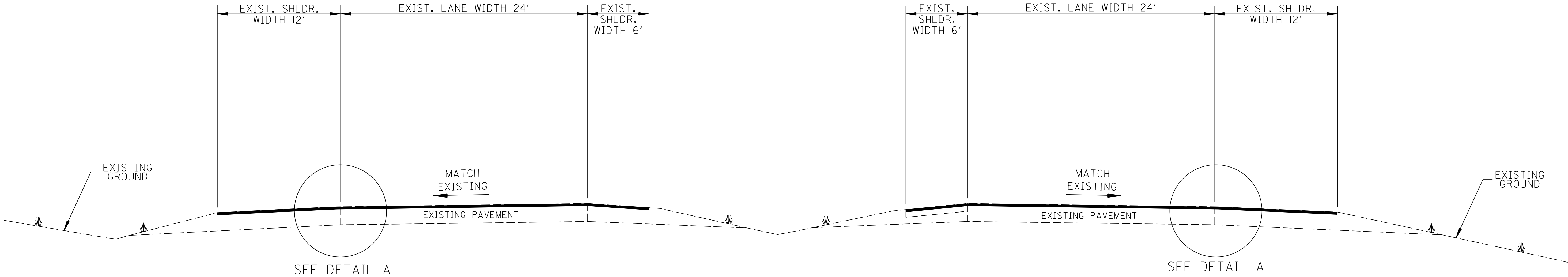
SHOULDERS

1 1/2" CL 3 ASPHALT SURFACE 0.50D PG 64-22

COUNTY OF	ITEM NO.	SHEET NO.
HENDERSON	2-8304.00	R2

REVISION (12-3-13): CHANGED MIX ON SHOULDERS
TO 1 1/2" CL 3 ASPHALT SURFACE 0.50D PG 64-22

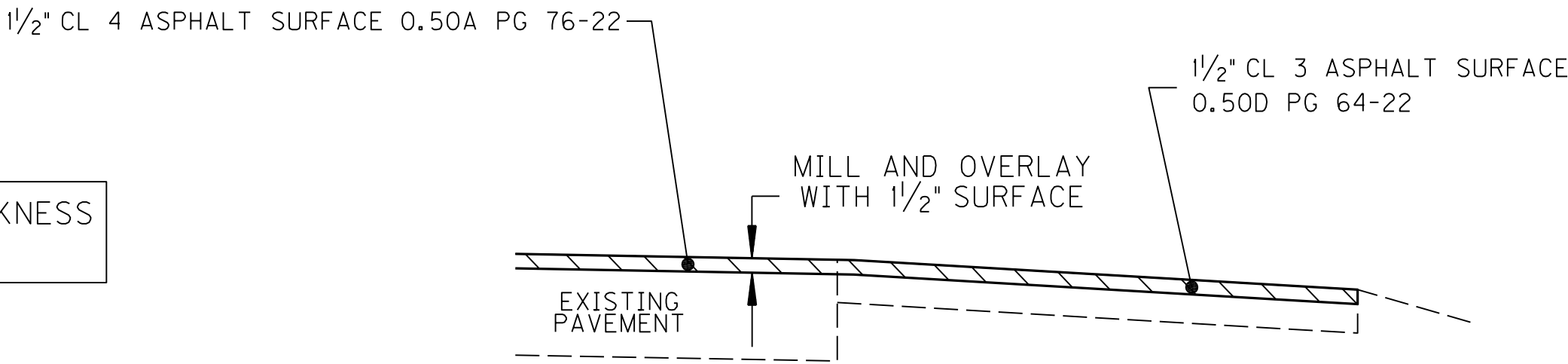
TYPICAL SECTIONS



NORMAL SECTION

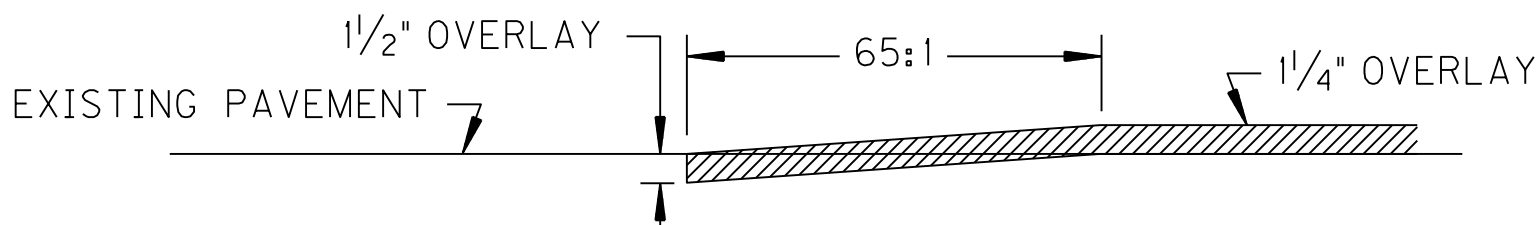
BREATHITT PARKWAY
STA. 1012+85.66 - 1061+74.4834
N.T.S.

TO INSURE PROPER BRIDGE CLEARANCE, ANY CHANGE TO THE THICKNESS
OF MILLING OR OVERLAY MUST BE APPROVED BY THE ENGINEER.



DETAIL A

N.T.S.



EDGE KEY DETAIL

N.T.S.

WORK UNDER THIS ITEM SHALL INCLUDE CUTTING OUT THE
EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND
WIDTH AS SHOWN, SO THE NEW SURFACE MAY HEEL INTO THE
EXISTING SURFACE. THE CONTRACT UNIT PRICE BID PER LINEAR
FOOT FOR "EDGE KEY" SHALL INCLUDE ALL NECESSARY MATERIALS,
LABOR, EQUIPMENT, ETC. TO PERFORM THE WORK AND DISPOSE
OF THE ASPHALT MATERIAL REMOVED.

TYPICAL SECTIONS
BREATHITT PARKWAY

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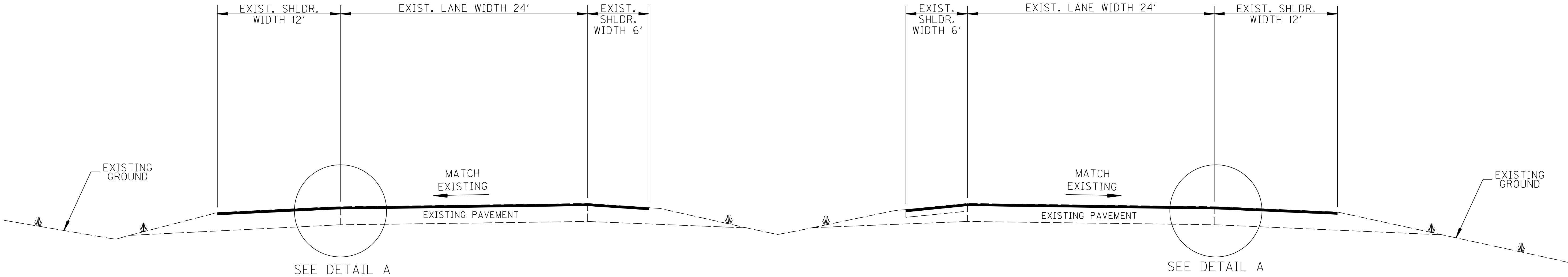
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REVISED 12/09/2013

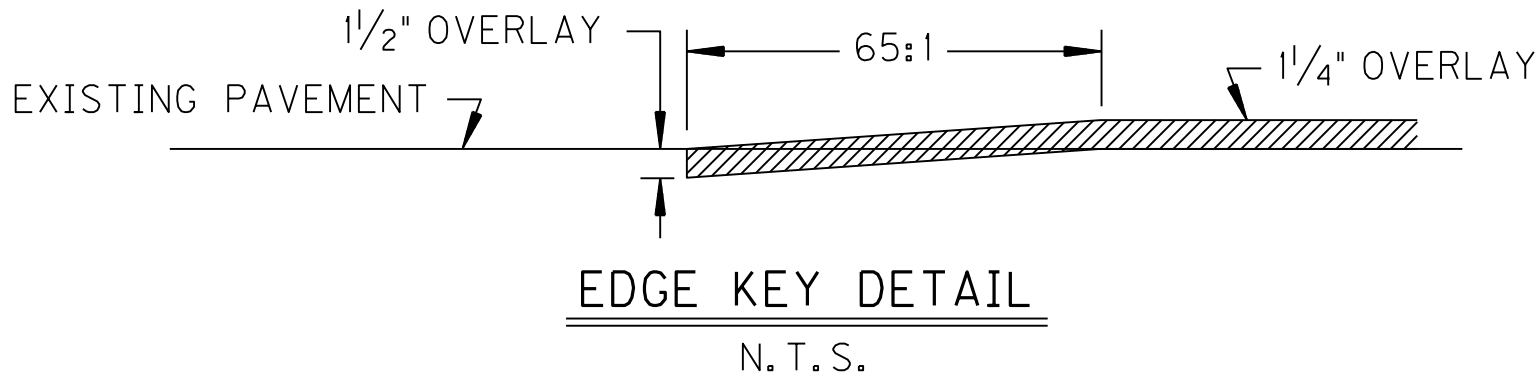
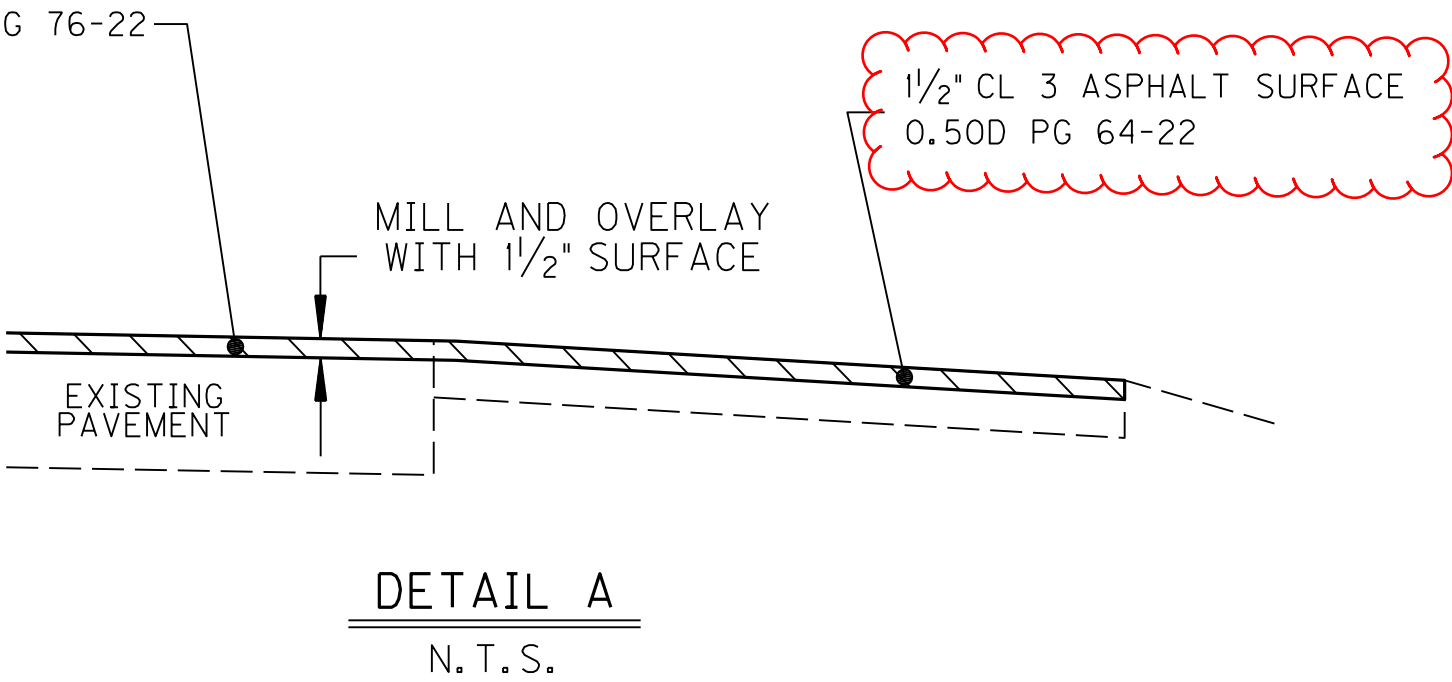
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COUNTY OF	ITEM NO.	SHEET NO.
HENDERSON	2-8304.00	R2

TYPICAL SECTIONS



TO INSURE PROPER BRIDGE CLEARANCE, ANY CHANGE TO THE THICKNESS OF MILLING OR OVERLAY MUST BE APPROVED BY THE ENGINEER.



WORK UNDER THIS ITEM SHALL INCLUDE CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS SHOWN, SO THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR "EDGE KEY" SHALL INCLUDE ALL NECESSARY MATERIALS, LABOR, EQUIPMENT, ETC. TO PERFORM THE WORK AND DISPOSE OF THE ASPHALT MATERIAL REMOVED.

TYPICAL SECTIONS
BREATHITT PARKWAY

FILE NAME: R0020ESU.DGN	GENERAL SUMMARY							COUNTY OF	ITEM NO.	SHEET NO.
								HENDERSON	2-8304.00	R2E
								REVISED (DATE 12-3-13): CHANGED 1 1/2" CL2 ASPH SURF 0.38D PG64-22 (SHOULDERS) TO 1 1/2" CL3 ASPH SURF 0.50D PG64-22 (SHOULDERS) IN PAVING AREAS AND ADJUSTED QUANTITIES FOR BOTH IN PAVING SUMMARY		
								REVISED THE DESCRIPTION OF THE PG76-22 ASPH SURF IN THE PAVING AREAS FROM 0.50D TO 0.50A.		
								NOTES		
								ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.		
								① ESTIMATED @ 28.58 ac.		
								② SEE SHT. T1 FOR SIGNING QUANTITIES.		
								③ INCLUDES REMOVAL OF EXISTING MEDIAN U-TURN.		
								④ INCLUDES 61 TONS FOR DITCH LINING. 524 TONS FOR PIPE INLET AND OUTLET PROTECTION AND 150 TONS FOR DISSIPATOR OF 54" PIPE OUTLET.		
USER: kcrider DATE PLOTTED: December 3, 2013								⑤ ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH		
								⑥ INCLUDES SEVEN EXISTING LIGHT PEDESTALS.		
								⑦ EXCAVATION OF EARTH FILL INCIDENTAL TO REMOVAL OF EXISTING CURB.		
								⑧ FOR CONTROLLING DUST.		
								⑨ THIS QUANTITY IS PROPOSED EXCAVATION TAKEN FROM RAMP INFIELDS A & B. IT IS DEPICTED ON SHEET R34 BUT IS NOT INCLUDED IN THE CALCULATIONS FOR EXCAVATION SHOWN ON THE CROSS SECTIONS.		
								⑩ FOR CONSTRUCTION OF WORKING PLATFORM		
								⑪ INCLUDES ALL ITEMS NEEDED FOR TRAFFIC SHIFTS ALONG KY 416		
E-SHEET NAME:								GENERAL & PAVING SUMMARY SHEET		

ITEM	DESCRIPTION	UNIT	RAMPS	KY 416	BREATHITT PARKWAY	PROJECT TOTAL
ROADWAY						
1015	INSP & CERT EDGE DRAIN SYS	LP SUM	-	-	-	1
1904	REMOVE CURB ⑦	LF	168	3479	-	3647
1919	STANDARD BARRIER MEDIAN TYPE 3	SQ YD	-	367	-	367
1943	MOUNTABLE MEDIAN TYPE 5	SQ YD	149	1689	-	1838
1987	DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE	EACH	-	14	1	15
2007	REMOVE CONCRETE MEDIAN	SQ YD	-	242	-	242
2200	ROADWAY EXCAVATION ③	CU YD	79996	4408	-	84404
2223	GRANULAR EMBANKMENT ⑩	CU YD				10185
2242	WATER ⑧	M GAL	149	6	-	155
2262	FENCE-WOVEN WIRE TYPE 1	LF	1296	-	-	1296
2265	REMOVE FENCE	LF	1797	-	-	1797
2351	GUARDRAIL STEEL W BEAM S FACE	LF	-	787.5	62.5	912.5
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	-	4	-	4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	-	4	1	5
2381	REMOVE GUARDRAIL	LF	3827	1641	814	6282
2429	RIGHT OF WAY MONUMENT TYPE 1	EACH	11	-	-	11
2483	CHANNEL LINING CLASS II ④	TON	693	42	-	735
2545	CLEARING AND GRUBBING ①	LP SUM	-	-	-	1
2568	MOBILIZATION	LP SUM	-	-	-	1
2569	DEMOBILIZATION	LP SUM	-	-	-	1
2585	EDGE KEY	LF	-	110	168	278
2596	FABRIC-GEOTEXTILE TYPE I	SQ YD	9037	355	-	9392
2599	FABRIC-GEOTEXTILE TYPE IV ⑩	SQ YD				45666
2696	SHOULDER RUMBLE STRIPS-SAWED	LF	8652	-	9778	18431
2726	STAKING	LP SUM	-	-	-	1
4940	REMOVE LIGHTING ⑥	LP SUM	-	-	-	1
5953	TEMP SEEDING AND PROTECTION	SQ YD	131672	2807	-	134479
5966	TOPDRESSING FERTILIZER	TON	9	1	-	10
5985	SEEDING AND PROTECTION	SQ YD	131672	2807	-	134479
6514	PAVE-STRIPING-PERM PAINT 4 IN	LF	18685	7155	-	25840
6516	PAVE STRIPING - PERM PAINT - 8 IN	LF	3027	489	-	3516
6517	PAVE STRIPING - PERM PAINT - 12 IN	LF	-	466	-	466
6568	PAVE MARKING - THERMO STOP BAR - 24 IN	LF	-	24	-	24
6574	PAVE MARKING - THERMO CURV ARROW	EACH	-	2	-	2
6589	PAVEMENT MARKER TYPE V-MW	EACH	-	8	-	8
6591	PAVEMENT MARKER TYPE V-BY	EACH	-	104	-	104
6592	PAVEMENT MARKER TYPE V-B W/R	EACH	123	-	125	248
6593	PAVEMENT MARKER TYPE V-B Y/R	EACH	164	-	-	164
6600	REMOVE PAVEMENT MARKER TYPE V	EACH	208	-	-	208
2379IEC	PAVE STRIPING - CHEVRON MARKINGS	SQ FT	1610	-	-	1610
2313IER701	PIPELINE VIDEO INSPECTION	LF	672	371	624	1667
MAINTENANCE OF TRAFFIC						
2562	SIGNS	SQ FT	-	63	137	200
2650	MAINTAIN AND CONTROL TRAFFIC	LP SUM	-	-	-	1
2653	LANE CLOSURE	EACH	-	-	2	2
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	-	-	4	4
2775	ARROW PANEL	EACH	-	-	2	2
6510	PAVE STRIPING - TEMP PAINT - 4 IN	LF	-	-	12000	12000
4935	TEMP SIGNAL ⑪	LF	-	1	-	1
EROSION CONTROL						
2701	TEMP SILT FENCE	LF	9150	2485	-	11635
2703	SILT TRAP TYPE A	EACH	5	1	-	6
2704	SILT TRAP TYPE B	EACH	11	1	-	12
2705	SILT TRAP TYPE C	EACH	4	1	-	5
2706	CLEAN SILT TRAP TYPE A	EACH	15	3	-	18
2707	CLEAN SILT TRAP TYPE B	EACH	33	3	-	36
2708	CLEAN SILT TRAP TYPE C	EACH	12	3	-	15
2709	CLEAN SILT FENCE	LF	9150	2485	-	11635
5950	EROSION CONTROL BLANKET	SQ YD	89032	2807	-	91839
5952	TEMPORARY MULCH	SQ YD	25922	450	-	26372
21261ED	TURF REINFORCEMENT MAT	SQ YD	3847	-	-	3847

ITEM CODE	ITEM	UNIT	RAMPS	KY 416	BREATHITT PARKWAY	TOTAL PROJECT
3	CRUSHED STONE BASE 1 ⑤	TON	11777	2922	-	14699
100	ASPHALT SEAL AGGREGATE	TON	126	15	-	141
103	ASPHALT SEAL COAT	TON	15	4	-	19
212	CL2 ASPH BASE 1.00D PG64-22	TON	6040	1303	-	7343
214	CL3 ASPH BASE 1.00D PG64.22	TON	9304	1864	-	11168
301	CL2 ASPH SURF 0.38D PG64-22	TON	657	145	-	802
312	CL3 ASPH SURF 0.50D PG64-22	TON	-	-	956	956
335	CL4 ASPH SURF 0.50A PG76-22	TON	-	-	2135	2135
339	CL3 ASPH SURF 0.38D PG64-22	TON	1297	573	-	1870
2677	ASPHALT PAVE MILLING & TEXTURING	TON	765	661	2990	4416

EMBANKMENT	EXCAVATION
46650 CU YD EMBANKMENT	37012 CU YD EXCAVATION (CROSS SECTIONS)
14701 CU YD BENCHING	30040 CU YD EXCAVATION (INFIELD GRADING)⑨
	2651 CU YD SURFACE DITCHES (CROSS SECTIONS)
	14701 CU YD BENCHING
61351 CU YD TOTAL EMBANKMENT	84404 CU YD TOTAL EXCAVATION
84404 CU YD EXCAVATION	
61351 CU YD EMBANKMENT	
23090 CU YD WASTE	

ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

MicroStation v8.11.7.443 E-SHEET NAME: USER: kcrider DATE PLOTTED: December 3, 2013 FILE NAME: R0020ESU.DGN	GENERAL SUMMARY							REVISED 12/09/2013			COUNTY OF	ITEM NO.	SHEET NO.		
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