TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	BR-NH-4001(16)	2F

CATCH BASINS

SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS TYPE 40 611-40.02 4' - 8'	PAY ITEMS TYPE 43 611-43.02 4' - 8'
5B	SR-40	68+50.00	-31.50	1	848.49	CB#43	48" x 112"	4.08	D-CB-43SB		1
5B	SR-40	69+50.00	-31.25	2	847.67	CB#40	48" x 112"	5.17	D-CB-40S	1	
5B	SR-40	70+50.00	-31.50	3	848.18	CB#43	48" x 112"	4.08	D-CB-43SB		1
TOTALS										1	2

STORM DRAINAGE PIPES

SHEET NO.	FROM CODE	FROM OUTLET ELEV.	TO CODE	TO INLET ELEV.	% GRADE	REINFORCED CONC. PIPE - CLASS III SIZE & LENGTH (L.F.) 18"	24"	30"	36"	48"
5B	1	844.41	2	842.88	1.53	100				
5B	3	844.10	2	842.88	1.21	101				
TOTALS						201	0	0	0	0

PROPOSED ROCKFALL FENCE

SHEET NO.	LOCATION	SIDE LT	SIDE RT	STATION FROM	STATION TO	ROCKFALL FENCE (TYPE) 707-10.02 (L.F.)	REMARKS
4B	S.R. 40	X		61+00.00	64+45.00	345	
4B,5B	S.R. 40	X		66+92.25	71+95.00	502.75	
TOTALS						848	

CROSS DRAIN TABULATION

STATION	RCP CLASS III FILL HEIGHT < OR = 18 FT. 36"	SKEW	END TREATMENT INLET TYPE	INLET DRAWING NO.	OUTLET TYPE	OUTLET DRAWING NO.	CLASS A CONC. 611-07.01 (C.Y.)	REINF. STEEL 611-07.02 (LB.)	REMARKS
69+50.00	65	90°	SEE CATCH BASIN TAB		A	D-PE-1	3.89	73	SEE CATCH BASINS FOR INLET
TOTALS	65						3.89	73	

PAVEMENT QUANTITIES

LOCATION	PAY ITEMS 303-01 (TON)	307-01.01 (TON)	307-01.02 (TON)	307-01.03 (TON)	307-01.08 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	411-01.10 (TON)	411-01.07 (TON)
SR-40	4600.0	860.0	16.0	460.0	550.0	10.0	40.0	3.5	275.0	225.0
TOTALS	4600.0	860.0	16.0	460.0	550.0	10.0	40.0	3.5	275.0	225.0

ESTIMATED GRADING QUANTITIES

STATION TO STATION	ROAD & DRAINAGE EXC. (UNCL.) COMMON - C.Y.	BORROW EXCAVATION UNCL. - C.Y.	BORROW EXCAVATION S. ROCK - TONS (CLASS C RIP-RAP)	EXCESS EXC. WASTE C.Y.	EMB. C.Y.
61+00.00 TO 74+00.00	7050		47747	6678	29071
TOTALS	7050	0	47747	6678	29071

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE LT	SIDE RT	STATION FROM	STATION TO	GUARDRAIL BRIDGE ENDS 705-01.01 (L.F.)	GUARDRAIL SINGLE TYPE 2 705-02.02 (L.F.)	TERMINAL ANCHORS TYPE 12 705-04.02 (EACH)	REMARKS
4B	SR-40		X	61+00.00	65+59.85		448.38		
4B	SR-40		X	65+59.85	65+86.75	26.9			
4B	SR-40	X		64+47.50	64+74.40	26.9			
4B	SR-40	X		64+74.40	65+59.85		85.46		
4B	SR-40	X		65+59.85	65+86.75	26.9			
4B	SR-40		X	66+89.75	67+16.65	26.9			
5B	SR-40		X	67+16.65	74+00.00		669.1		
5B	SR-40	X		71+97.50	72+24.40	26.9			
5B	SR-40	X		72+24.40	72+76.65		54.71	1	
TOTALS						134.5	1257.65	1	

SEALED BY

KATHERINE J. LLOYD
REGISTERED ENGINEER
XVI AGRICULTURE COMMERCE
NO. 106422
STATE OF TENNESSEE
03/11/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

0-MAR-2014 14:09
C:\Projects\Polk\Project Design\002F.sht