8/17/99

6/16/99

PROJECT REFERENCE NO.	SHEET NO.
I-3600	3-A
R/W SHEET NO.	

COMPUTED BY: J. JOHNSON DATE: 8/2/04
CHECKED BY: K. EASON DATE: 9/9/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

SURVEY LINE	BEG. MILE POST	END MILE POST	LOCATION	LENGTH STRAIGHT	LENGTH SHOP CURVED	ANCHORS TYPE 350	ANCHORS CAT-1	REMOVE EXISTING GUARDRAIL	REMOVE & RESET EXISTING GUARDRAIL	REMARKS
	175.073	175.133	LT.	316.80		1	1	316.80		REMOVE & REPLACE AT EXISTING LOCATION
	175.203	175.334	LT.	691.68		1	1	691.68		REMOVE & REPLACE AT EXISTING LOCATION
	175.596	175.955	LT.	1895.52		1	1	1895.52		REMOVE & REPLACE AT EXISTING LOCATION
	176.738	176.800	LT.	327.36		1	1	327.36		REMOVE & REPLACE AT EXISTING LOCATION
	177.325	177.590	LT.	1399.20		1	1	1399.20		REMOVE & REPLACE AT EXISTING LOCATION
	177.727	177.904	LT.	934.56		1	1	934.56		REMOVE & REPLACE AT EXISTING LOCATION
	178.003	178.366	LT.	1916.64		1	1	1916.64		REMOVE & REPLACE AT EXISTING LOCATION
	178.480	178.648	LT.	887.04		1	1	887.04		REMOVE & REPLACE AT EXISTING LOCATION
	179.237	179.419	LT.	960.96		1	1	960.96		REMOVE & REPLACE AT EXISTING LOCATION
	179.543	179.731	LT.	992.64		1	1	992.64		REMOVE & REPLACE AT EXISTING LOCATION
	175.018	175.088	RT.	369.60		1	1	369.60		REMOVE & REPLACE AT EXISTING LOCATION
	175.148	175.347	RT.	1050.72		1	1	1050.72		REMOVE & REPLACE AT EXISTING LOCATION
	175.707	175.918	RT.	1114.08		1	1	1114.08		REMOVE & REPLACE AT EXISTING LOCATION
	176.677	176.853	RT.	929.28		1	1	929.28		REMOVE & REPLACE AT EXISTING LOCATION
	177.421	177.495	RT.	390.72		1	1	390.72		REMOVE & REPLACE AT EXISTING LOCATION
	177.942	178.014	RT.	380.16		1	1	380.16		REMOVE & REPLACE AT EXISTING LOCATION
	178.154	178.254	RT.	528.00		1	1	528.00		REMOVE & REPLACE AT EXISTING LOCATION
	179.500	179.800	RT.	1584.00		1	1	1584.00		REMOVE & REPLACE AT EXISTING LOCATION
	179.560	179.800	MED LT.						1267.2	REMOVE & RESET AT EXISTING LOCATION
	179.560	179.800	MED RT.						1267.2	REMOVE & RESET AT EXISTING LOCATION
			SUBTOTAL	16,668.96		18	18	16,668.96	2534.40	
			ANCHOR DEDUCTIONS							
			GRAU-350 (18 x 50.0')	-900.00						
			CAT-1 (18' x 6.25')	-112.50						
			TOTAL	15,656.46				16,668.96	2534.40	
			SAY	15,700.00				16,919	2534.40	
CONTINGENCY ITEM - REMOVE & RESET CABLE GUIDERAIL = 500 LF										
ADDITIONAL GUARDRAIL POSTS = 10 EA										

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
RIGHT					
M.P. 175.000 - M.P. 179.800	16100				16100
MEDIAN					
M.P. 175.000 - M.P. 179.800	44784				44784
LEFT					
M.P. 175.000 - M.P. 179.800	16100				16100
SUBTOTAL	76984				76984
SHOULDER MATERIAL					
M.P. 175.000 - M.P. 179.800			51519	51519	
SUBTOTAL	76984		51519	51519	76984
+5% TO REPLACE TOPSOIL AT BORROW PIT				2576	
GRAND TOTAL	76984			54095	76984
SAY	78139			54906	
ESTIMATED UNDERCUT 20% OF THE AREA OF SHOULDER REPLACEMENT		5081			
PAVEMENT STRUCTURE VOLUME	58500				

SUMMARY OF REMOVAL AND REPLACEMENT OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT

IN SQUARE YARDS

LOCATION	MILEPOST TO MILEPOST	LOCATION	SQ. YDS.	NO.# OF PUNCHOUT	TOTAL REPAIRS AND REMOVAL (SQ. YDS.)
EBL	175.00 TO 176.00	VARIES	10.67	3	32.00
EBL	176.00 TO 177.00	VARIES	10.67	2	21.34
EBL	177.00 TO 178.00	VARIES	10.67	7	74.69
EBL	178.00 TO 179.00	VARIES	10.67	5	53.35
EBL	179.00 TO 180.00	VARIES	10.67	2	21.34
WBL	175.00 TO 176.00	VARIES	10.67	8	85.36
WBL	176.00 TO 177.00	VARIES	10.67	3	32.00
WBL	177.00 TO 178.00	VARIES	10.67	11	117.37
WBL	178.00 TO 179.00	VARIES	10.67	0	0
WBL	179.00 TO 180.00	VARIES	10.67	1	10.67
				TOTAL	448.12
				SAY	455.00

SUMMARY OF ASPHALT PAVEMENT REMOVAL

IN SQUARE YARDS

LINE	MILEPOST TO MILEPOST	LOCATION	SQ. YDS.
EBL	175.000 TO 179.800	OUTSIDE	28160.00
WBL	175.000 TO 179.800	OUTSIDE	28160.00
EBL	175.000 TO 179.800	MEDIAN	11264.00
WBL	175.000 TO 179.800	MEDIAN	11264.00
		TOTAL	78848.00
		SAY	80031.00

22-SEP-2004 15:33
R:\Proj\I3600_pdy_sum.dgn
JEJohnson A1