

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**CONCRETE CURB RAMPS**

SURVEY LINE	STATION	LOCATION LT/RT/CL	NO. OF RAMPS
-L1-	14+40	LT.	1
-L1-	14+58	LT.	1
-L1-	15+00	RT.	1
-L1-	15+00	LT.	1
-L1-	15+00	CL.	2
-Y2-	10+90	RT.	1
-Y2-	10+90	LT.	1
-Y2-	10+90	CL.	2
-L2-	16+95	RT.	1
-L2-	16+95	LT.	1
-L2-	16+95	CL.	2
-L2-	58+11	RT.	1
-L2-	58+22	CL.	2
-L2-	58+28	LT.	1
-SL1-	11+23	RT.	1
-SL1-	11+23	LT.	1
-SL2-	10+73	RT.	1
-SL2-	10+73	LT.	1
-Y1-	10+90	RT.	1
-Y1-	10+90	LT.	1
-Y1-	10+90	CL.	2
-Y1-	17+22	RT.	1
-Y1-	17+22	LT.	1
-Y1-	17+22	CL.	2
-Y1-	35+73	RT.	1
-Y1-	47+75	LT.	1
-Y1-	47+75	RT.	1
-Y1-	49+12	LT.	1
-Y1-	49+12	RT.	1
-Y1-	50+72	RT.	1
-Y1A-	14+41	RT.	1
-Y3-	11+70	LT.	1
-Y3-	11+70	RT.	1
-Y3-	11+70	CL.	2
-Y3-	15+02	LT.	1
-Y3-	15+02	CL.	2
-Y3-	15+02	RT.	1
-Y4-	12+84	RT.	1
-Y4-	12+56	LT.	1
		TOTAL:	47
		SAY:	47

**SUMMARY OF 48" FABRIC CHAIN LINK FENCE**

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	FABRIC L.F.	END BRACE	CORNER BRACE	LINE POSTS	TERMINAL POSTS
-L2-	55+86.52	57+00.00	RT.	141.10	2	2	12	4
RETAINING WALLS								
-RW2- ON -L2-	18+27.04	19+27.06	RT.	100.02	2	1	8	3
-RW4- ON -L2-	57+00.56	57+50.00	RT.	86.34	2	1	7	3
SEE WALL PLANS FOR RETAINING WALL DETAILS								
			TOTAL:	327.46			27	10
			SAY:	328.00			27	10

**PAVEMENT REMOVAL SUMMARY**

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD <sup>2</sup>
-L2-	16+74	19+76	LT	1,377.06
-L2-	56+46	56+97	RT	76.31
-Y1-	10+93	11+61	LT	198.11
-Y1-	21+58	27+56	CL	1890.06
-Y1-	26+89	27+17	LT	58.52
-Y1-	31+96	35+03	CL	930.93
-Y1A-	13+40	13+99	RT	37.34
-Y3-	10+00	10+71	RT	31.34
-Y4-	10+86	11+44	LT	130.36
-L1DET-	11+27	12+38	CL	220.71
-Y2DET-	10+70	11+74	CL	121.67
		TOTAL:		5072.41
		SAY:		5080

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE LUMP SUM PRICE FOR "GRADING".

\*N\* = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.  
 TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.  
 FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.  
 W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.  
 G = GATING IMPACT ATTENUATOR TYPE 350  
 NG = NON-GATING IMPACT ATTENUATOR TYPE 350

**GUARDRAIL SUMMARY**

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS					IMPACT ATTENUATOR TYPE 350		TES	GUARDRAIL REMOVAL	REMARKS	
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	CAT-I	AT-I	TYPE-III	GRAU-350 TL-2	PERMITTED NO.	GATING					
-L2-	17+58.31	19+27.06 (BRIDGE)	RT	168.75					7.5	10.5	25		0.5												
-L2-	57+00.06 (BRIDGE)	57+75.00	RT	50.0	31.25				6.0	9.0															
-Y1-	21+63.00			50.0			DEAD END																		
-Y1-	35+00.00			50.0			DEAD END																		
-Y5-	15+57.75			25			DEAD END																		
			SUBTOTAL	343.75	31.25																				
			ANCHOR DEDUCTION	62.5	6.25																				
			TOTAL	281.25	25.0																				
			SAY	287.5	25.0																				

ANCHOR DEDUCTION  
 TYPE AT-I: 1 @ 6.25' = 6.25'  
 TYPE TYPE-III: 2 @ 18.75' = 37.5'  
 TYPE GRAU-350 TL-2: 1 @ 25.0' = 25.0'  
 GRAND TOTAL = 68.75'  
 ADDITIONAL GUARDRAIL POSTS = 5

6/16/99  
 5/10/2016  
 B:\2016\B-4929\_Rdy\_sum.dgn  
 12:51:56 PM