

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	Location	LENGTH (FT)
-L2-	11+10.00	11+50.00	LT	40.00
-DRWY-	10+53.88	10+74.23	RT	22.50
		TOTAL:		62.50
		SAY:		63

IN SQUARE YARDS

Note: Approximate quantities only. Unclassified Excavation, Fine Grading, Clearing and Grubbing, and Removal of Asphalt Pavement will be paid for at the contract lump sum price for Grading.

Note: Earthwork quantities are calculated by the Roadway Designer. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

ESTIMATED SHALLOW UNDERCUT CONT.= 100 CY
ESTIMATED CLASS IV SUBGRADE STABILIZATION = 200 TONS
ESTIMATED UNDERCUT CONT. = 200 CY
ESTIMATED UNDERCUT FOR SUBGRADE STABILITY CONT.= 200 CY
ESTIMATED GRADE POINT UNDERCUT = 50 CY
ESTIMATED SELECT GRANULAR MATERIAL CONT.= 400 CY

GUARDRAIL SUMMARY

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS	
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	Type III	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	Type III SC	Temp. Anchor	G	NG					
-L1-	11+95.40	12+73.41	LT	25'	43.75'		BRIDGE	12+20.50	5.5'	8.5'		25'		0.5'				1			1								R = 74.5'
-L1-	12+39.35	12+89.28	RT	18.75'	50'		12+39.35	BRIDGE	2'	5'					1														R = 20' Buried in Cut
-L1-, -L2-	14+29.57	10+54.29	RT	31.25'	34'		BRIDGE	10+29.28	VARIES	VARIES		25'		0.5'				1			1								R = 35.5'
-L2-	11+10.00	12+35.00	LT	122.875'			12+35.00	WALL	4'	7'						1													R = 411' Buried in Cut
-DRWY-	10+00.00	10+74.23	RT	56.25'	22.5'		10+00.00	CONC. BARRIER	VARIES	VARIES		56.25'		5.19'							1				28'				R = 272', R = 20' (Tie to Existing Guardrail)
-L2-	10+00.00	11+10.00	LT																						110'				
-DRWY-	10+20.16	11+16.46	LT																						98'				
-L1-	12+65.32	12+79.55	LT																		1								See Sheet ZC-8 for Details
			SUBTOTAL	254.125'	150.25'										1	1		2			3	1			208'	28'			
			LESS ANCHOR DEDUCTIONS																										
			Type III	4 @ 18.75' =	18.75'																								
			GREU, TL-2	2 @ 25' =	50'																								
			B-77	1 @ 22.875' =	22.875'																								
			ADDITIONAL GUARDRAIL POSTS = 5																										
			PROJECT TOTAL	162.5'	94'																								
			SAY	162.5'	100'																								
TOTAL															1	1		2			3	1			208'	28'			