SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L- Sta. 12+00.00	-L- Sta. 14+18.75	97	709	612	
-L- Sta. 15+86.25	-L- Sta. 17+50.00	143	269	126	
SUBTOTALS:		240	978	738	
PROJECT TOTALS		240	978	738	
EST. 5% REPLACE TOPSOIL ON BORROW PIT				37	
GRAND TOTALS:		240		775	
SAY:		**260**		**820**	

UNDERCUT EXCAVATION = 400 CY (Contingency)
SELECT GRANULAR MATERIAL = 400 CY (Contingency)
GEOTEXTILE FOR SOIL STABILIZATION = 400 SY (Contingency)

(Total square yards of Geotextile for Soil Stabilization is only the contingent quantity and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.)

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

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

SHOULDER BERM GUTTER SUMMARY

IN LINEAR FEET

LINE	Station	Station	LENGTH
-L- (LT)	15+97.13	16+11.00	13.87
-L- (RT)	15+97.13	16+11.00	13.87
		TOTAL:	27.74
		SAY:	**30**

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L-	12+00.00	14+28.59	CL	507.17			
-L-	15+66.05	17+50.00	CL	412.71			
		TOTAL:		919.88			
		SAY:		**925**			

"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

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 TYPE 350		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	XI MOD	XI	GREU TL-3	M-350	TYPE III	CAT-1	VI MOD	BIC		G	NG				
-L-	13+45.75	14+18.75	LT	75'				14+18.75	5'-5"	8'-5"		50'		1'			1		1										
-L-	13+45.75	14+18.75	RT	75'			14+18.75		5'-5"	8'-5"	50'		1'				1		1										
-L-	15+86.25	17+00.00	LT	113.75'			15+86.25		5'-5"	8'-5"	50'		1'				1		1										
-L-	15+86.25	16+67.50	RT	81.25'				15+86.25	5'-5"	8'-5"		50'		1'			1		1										
			SUBTOTAL:	345'													4		4										
		LESS ANCHOR DEDUCTIONS:																											
			TYPE III (4@18.75)	75.00'																									
			GREU, TL-3 (4@50')	200.00'																									
			TOTAL:	70'													4		4										
			SAY:	87.5'													4		4										
		ADDITIONAL GUARDRAIL POSTS= 5 EA																											

REVISIONS

8/17/99

8/2/2018
USER: mpeters
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