PROJECT REFERENCE	SHEET NO.
DF16905.2091011 – VANCE 23	3B–1

"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			REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	AT–1	GREU TL–3	TYPE III						NO.	PERMITTED G	PERMITTED NG	
–L–	14+92.86	15+74.11	RT	81.25′			15+74.11 (BRIDGE)		4′	7′						1	1									
–L–	15+00.32	15+81.57	LT	81.25′				15+81.57 (BRIDGE)	4′	7′						1	1									
–L–	16+46.43	17+27.68	RT	81.25′				16+46.43 (BRIDGE)	4′	7′						1	1									
–L–	16+53.89	17+35.14	LT	81.25′			16+53.89 (BRIDGE)		4′	7′						1	1									
		SUBTOTAL		325.00′																						
		LESS ANCHOR DEDUCTIONS																								
		GREU TL–3 4 x 50.00′ =		–200.00′																						
		TYPE III 4 x 18.75′ =		–75.00′																						
		TOTAL		50.00′												4	4									5 ADDITIONAL GUARDRAIL POSTS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
–L– 14+00.00 TO 15+77.84 (BEGIN BRIDGE)	25		38	13	
–L– 16+50.16 (END BRIDGE) TO 18+00.00	25		11		14
SUBTOTAL	50		49	13	14
WASTE IN LIEU OF BORROW				–13	–13
PROJECT TOTAL	50			0	1
5% TO REPLACE BORROW				0	
GRAND TOTAL	50			0	1
SAY	60			0	

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	SQUARE YARDS
–L–	14+00	15+95	CL	419.75
–L–	16+33	18+00	CL	386.37
			TOTAL:	806.12
			SAY:	850

SHOULDER BERM GUTTER SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LENGTH
–L–	16+57.27	16+83.00	LT	25.73′
–L–	16+64.73	16+76.00	RT	11.27′
			TOTAL:	37.00′
			SAY:	40′

NOTE: Approximate quantities only. Unclassified Excavation, Fine Grading, Clearing and Grubbing and Removal of Existing Asphalt Pavement will be paid for at the contract Lump Sum price for "Grading".

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