

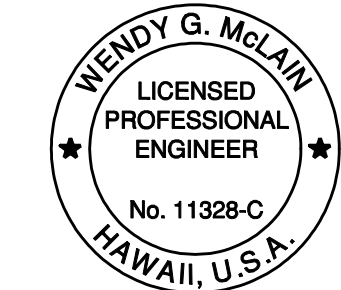
12/11/2014 8:55:48 PM W:_Civil\3D Projects\2014_027.001 ATKINS Saddle Road West Side Truck Escape Ramps\Roadway\Sheets\B-Summ\HI SR 20000_ GRADING SUM-01.dgn

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(8)	B4	B9

GRADING SUMMARY													
Pay Item	Roadway Excavation		Adjustments to Excavation					Roadway Embankment	Adj. to Embankment			62407-0000	
		20401-0000		20401-0000	20401-0000						20420-0000		
Station to Station	Roadway Prism	Roadway Excavation	(-) Topsoil Stripping In Cuts	(+) Excavation for Riprap	(+) Over Excavation (In Cuts Sections)	Average Shrink/Swell Factor ⁽⁴⁾	Total Excavation Available for Fills	Roadway Prism	(+) Topsoil Replacement Under Fill	(+) Over Excavation (In Cuts Sections)	Total Embankment	Conserved Topsoil	Waste (For Info Only)
Definition	(BCY)	(BCY)	(BCY)	(BCY)	(BCY)		(CCY)	(CCY)	(CCY)	(CCY)	(CCY)	(CY)	(CCY)
301+00.00 - 306+00.00	187	187	0	105	0	0.90	263	3,180	345	0	3,525	345	-3,262
306+00.00 - 320+00.00	6,450	6,450	292	76	0	0.90	5,611	4,213	290	0	4,503	582	1,108
320+00.00 - 332+00.00	3,794	3,794	205	0	200	0.90	3,410	1,797	278	225	2,300	483	1,110
632+00.00 - 642+87.50	2,671	2,671	339	128	0	0.80	1,968	0	0	0	0	339	1,968
575+00.00 - 591+00.00	0	0	0	1,813	0	0.80	1,450	0	0	0	0	0	1,450
Totals	13,102	13,102	836	2,122	200		12,702	9,190	913	225	10,328	1,749	3,825

NOTES:

1. BCY = Bank Cubic Yard = One cubic yard of material as it lies in natural bank state.
2. CCY = Compacted Cubic Yard = One cubic yard of material after it has been compacted to specification density.
3. The quantities shown herein are approximations. Payment will be made for the actual quantities of work performed and accepted.
4. The average shrink/swell factor shown is computed by taking an average of values over the specified station range. Recommended shrink/swell factors are used in the calculations. See Geotech Report for recommended shrink/swell values.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
4/30/2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

GRADING SUMMARY

SHEET 1 of 1