

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(5)	B6	B16

SURFACING SUMMARY - SCHEDULE A							
Item number	30104E	40501E	40504C	40505PGDE	40908BA	41101CM	41201CM
Station to station	SUBBASE, GRADING E	HOT ASPHALT TREATED BASE COURSE, GRADING E	ANTISTRIPE ADDITIVE, TYPE 3	ASPHALT BINDER, GRADE PG 64-16	FOG SEAL GRADE CSS-1 OR CSS-1H, SS- 1 OR SS-1H	PRIME COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H
	TON	TON	TON	TON	TON	TON	TON
MAINLINE							
1000+00 to 1003+00	282						
0+00 to 17+00	2674	5118	51.2	322	2.60	7.80	2.60
17+00 to 88+75		13084	130.8	825	6.62	19.87	6.62
88+75 to 139+00		9168	91.7	578	4.64	13.93	4.64
139+00 to 189+00		9168	91.7	578	4.64	13.93	4.64
189+00 to 239+00		9127	91.3	575	4.62	13.86	4.62
239+00 to 258+50		3544	35.4	223	1.79	5.38	1.79
258+50 to 282+50		4372	43.7	275	2.21	6.64	2.21
282+50 to 333+00		12147	121.5	765	6.16	18.48	6.16
333+00 to 340+50		1366	13.7	86	0.69	2.08	0.69
340+50 to 351+00		1913	19.1	121	0.97	2.90	0.97
351+00 to 353+00	196	376	3.8	24	0.19	0.57	0.19
353+00 to 361+00	1239	2372	23.7	149	1.20	3.61	1.20
363+23.39 to 380+00	618	1189	11.9	75	0.60	1.79	0.60
APPROACH ROADS							
Existing Saddle Road Access	200	385	3.9	24	0.19	0.58	0.19
Fire Access No. 1	38	16	0.2	1	0.01	0.02	0.01
Fire Access No. 2	43	16	0.2	1	0.01	0.02	0.01
Fire Access No. 3	73	16	0.2	1	0.01	0.02	0.01
Fire Access No. 4	90	16	0.2	1	0.01	0.02	0.01
Fire Access No. 5	35	16	0.2	1	0.01	0.02	0.01
Fire Access No. 6	35	16	0.2	1	0.01	0.02	0.01
PTA Fire Access	35	12	0.1	1	0.01	0.02	0.01
Fire Access No. 7	21	16	0.2	1	0.01	0.02	0.01
Pu'u Phoakuloo Access							
Water Tank Access	36	19	0.2	1	0.03	0.10	0.03
PTA Entrance Access	443	523	5.2	33	0.26	0.79	0.26
Water Pump Access	129	182	1.8	11	0.09	0.28	0.09
Existing Saddle Road Access	268	516	5.2	33	0.26	0.78	0.26
SCHEDULE A TOTALS	6455	74693	746.9	4706	37.85	113.55	37.85

Values used for estimating purposes:

Subbase.	142 lb/ft3
Asphalt Concrete Base Course & Superpave Asphalt Concrete Pavement	155 lb/ft3
Antistrip.	1% by weight of mix
Prime Coat. (undiluted).	0.15 gal/yd2
Tack Coat (undiluted).	0.05 gal/yd2
Fog Seal (undiluted).	0.05 gal/yd2
Fog Seal, Prime Coat, Tack Coat.	8.3 lbs/gal
Asphalt Cement for Superpave.	6.8%
Asphalt Cement for Hot Asphalt Treated Base Course.	6.3%
	2000 lb/1 ton

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

SURFACING SUMMARY

Scale: N/A

Date: July 21, 2008

SHEET No. 1 OF 3

SURFACING SUMMARY - OPTION X							
Item number	30104E	40501E	40504C	40505PGDB	40908BA	41101CM	41201CM
Station to station	SUBBASE, GRADING E	HOT ASPHALT TREATED BASE COURSE, GRADING E	ANTISTRIIP ADDITIVE, TYPE 3	ASPHALT BINDER, GRADE PG 64-16	FOG SEAL GRADE CSS-1 OR CSS-1H, SS-1 OR SS-1H	PRIME COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H
	TON	TON	TON	TON	TON	TON	TON
MAINLINE							
1000+00 to 1003+00		101	1.01	6	0.18	0.54	
0+00 to 17+00							
17+00 to 88+75							
88+75 to 139+00							
139+00 to 189+00							
189+00 to 239+00							
239+00 to 258+50							
258+50 to 282+50							
282+50 to 333+00							
333+00 to 340+50							
340+50 to 351+00							
351+00 to 353+00							
353+00 to 361+00		15	0.16	1			0.06
363+23.39 to 380+00		240	2.41	15			0.21
FIREBREAK							
00+00 to 17+00	430	166	1.67	10	0.32	0.96	0.32
17+00 to 88+75	1815	701	7.01	44	1.35	4.06	1.35
88+75 to 139+00	1271	491	4.91	31	0.95	2.84	0.95
139+00 to 189+00	1265	488	4.89	31	0.94	2.83	0.94
189+00 to 239+00	1265	488	4.89	31	0.94	2.83	0.94
239+00 to 258+50	493	190	1.91	12	0.37	1.10	0.37
258+50 to 282+50	607	234	2.35	15	0.45	1.36	0.45
282+50 to 333+00	1278	493	4.94	31	0.95	2.85	0.95
333+00 to 340+50	190	73	0.74	5	0.14	0.42	0.14
340+50 to 351+00	266	103	1.03	6	0.20	0.59	0.20
351+00 to 353+00	51	20	0.20	1	0.04	0.11	0.04
353+00 to 361+00	202	82	0.82	5	0.15	0.45	0.15
375+00 to 380+00	127	51	0.51	3	0.09	0.28	0.09
APPROACH ROADS							
Existing Saddle Road Access		7	0.07	0.43			0.03
Fire Access No. 1		0.3	0.01	0.02			0.01
Fire Access No. 2		0.3	0.01	0.02			0.01
Fire Access No. 3		0.3	0.01	0.02			0.01
Fire Access No. 4		0.3	0.01	0.02			0.01
Fire Access No. 5		0.3	0.01	0.02			0.01
Fire Access No. 6		0.3	0.01	0.02			0.01
PTA Fire Access		0.3	0.01	0.02			0.01
Fire Access No. 7		0.3	0.01	0.02			0.01
Pu'u Phoakuloo Access		54	0.55	3.41	0.08	0.25	0.00
Water Tank Access		0.3	0.01	0.02			0.01
PTA Entrance Access		5	0.05	0.31			0.02
Water Pump Access		2	0.02	0.12			0.01
Existing Saddle Road Access		6	0.07	0.40			0.03
OPTION X TOTALS	9260	4013.6	40.30	252.54	7.16	21.48	7.34

Note: Firebreak quantities not adjusted for approach roads.

Values used for estimating purposes:

Subbase. 142 lb/ft3
Asphalt Concrete Base Course & Superpave Asphalt Concrete Pavement . . . 155 lb/ft3
Antistrip. 1% by weight of mix
Prime Coat (undiluted). 0.15 gal/yd2
Tack Coat (undiluted). 0.05 gal/yd2
Fog Seal (undiluted). 0.05 gal/yd2
Fog Seal, Prime Coat, Tack Coat. 8.3 lbs/gal
Asphalt Cement for Superpave. 6.8%
Asphalt Cement for Hot Asphalt Treated Base Course. 6.3%
2000 lb/1 ton

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

SURFACING SUMMARY

Scale: N/A Date: July 21, 2008

SURFACING SUMMARY - OPTION Y							
Item number	30104E	40103PGDB	40105C	40106ABBL	40908BA	41101CM	41201CM
Station to station	SUBBASE, GRADING E	ASPHALT CEMENT GRADE PG 64-16	ANTISTRIIP ADDITIVE, TYPE 3	SUPERPAVE ASPHALT CONCRETE PAVEMENT, 1/2-INCH NOMINAL MAXIMUM SIZE AGGREGATE	FOG SEAL GRADE CSS-1 OR CSS-1H, SS-1 OR SS-1H	PRIME COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H
	TON	TON	TON	TON	TON	TON	TON
MAINLINE							
1000+00 to 1003+00		10	1.5	153	0.18	0.54	
0+00 to 17+00		99	14.6	1458			
17+00 to 88+75		253	37.2	3719			
88+75 to 139+00		177	26.1	2606			
139+00 to 189+00		177	26.1	2606			
189+00 to 239+00		176	25.9	2594			
239+00 to 258+50		68	10.1	1007			
258+50 to 282+50		84	12.4	1243			
282+50 to 333+00		235	34.6	3457			
333+00 to 340+50		26	3.9	388			
340+50 to 351+00		37	5.4	544			
351+00 to 353+00		7	1.1	107			
353+00 to 361+00		46	6.8	675			
363+23.39 to 380+00		38	5.6	563			
FIREBREAK							
00+00 to 17+00	596	12	1.8	178	0.31	0.94	0.31
17+00 to 88+75	2516	51	7.5	749	1.31	3.92	1.31
88+75 to 139+00	1762	36	5.2	525	0.91	2.73	0.91
139+00 to 189+00	1753	36	5.2	522	0.91	2.74	0.91
189+00 to 239+00	1753	36	5.2	522	0.92	2.77	0.92
239+00 to 258+50	684	14	2.0	204	0.36	1.08	0.36
258+50 to 282+50	842	17	2.5	251	0.44	1.33	0.44
282+50 to 333+00	1771	36	5.3	527	0.87	2.62	0.87
333+00 to 340+50	263	5	0.8	78	0.14	0.42	0.14
340+50 to 351+00	368	7	1.1	110	0.19	0.58	0.19
351+00 to 353+00	70	1	0.2	21	0.04	0.11	0.04
353+00 to 361+00	281	6	0.8	84	0.15	0.44	0.15
375+00 to 380+00	175	4	0.5	52	0.09	0.28	0.09
APPROACH ROADS							
Existing Saddle Road Access		7	1.1	105			
Fire Access No. 1		0.3	0.1	5			
Fire Access No. 2		0.3	0.1	5			
Fire Access No. 3		0.3	0.1	5			
Fire Access No. 4		0.3	0.1	5			
Fire Access No. 5		0.3	0.1	5			
Fire Access No. 6		0.3	0.1	5			
PTA Fire Access		0.3	0.0	4			
Fire Access No. 7		0.3	0.1	5			
Pu'u Phoakuloa Access		8	1.2	120		0.25	0.08
Water Tank Access		1	0.2	19			
PTA Entrance Access		8	1.1	112			
Water Pump Access		3	0.5	50			
Existing Saddle Road Access		10	1.4	141			
OPTION Y TOTALS	12835	1735.9	255.3	25528	6.83	20.75	6.74

Values used for estimating purposes:

Subbase. 142 lb/ft3
Asphalt Concrete Base Course & Superpave Asphalt Concrete Pavemer 155 lb/ft3
Antistrip. 1% by weight of mix
Prime Coat. (undiluted). 0.15 gal/yd2
Tack Coat (undiluted). 0.05 gal/yd2
Fog Seal (undiluted). 0.05 gal/yd2
Fog Seal, Prime Coat, Tack Coat. 8.3 lbs/gal
Asphalt Cement for Superpave. 6.8%
Asphalt Cement for Hot Asphalt Treated Base Course. 6.3%
2000 lb/1 ton

Note: Firebreak quantities not adjusted for approach roads.