

TYPICAL LOCATION PLAN FOR PAVEMENT RECONSTRUCTION OF WEAKENED PAVEMENT AREAS Not to Scale

NOTES:

- 1. All holes, depressions and wheel ruts shall be filled and compacted with HMA (Mix V), prior to resurfacing. This work shall be considered incidental to various contract items and will not be paid for separately.
- 2. The Contractor may elect to reconstruct the entire depth of pavement reconstruction with asphalt concrete base in preparation of cold planing but the State will not pay for the additional asphalt concrete base.
- 3. Prior to placement of the asphalt base course, the exposed subbase or subgrade shall be compacted to a dense unyielding condition. The work shall be considered incidental to the Hot Mix Asphalt Base Course item.
- 4. All sawcutting will not be paid for separately and shall be considered incidental to the various contract items.

LEGEND:

Pavement Reconstruction: 10" Cold Plane

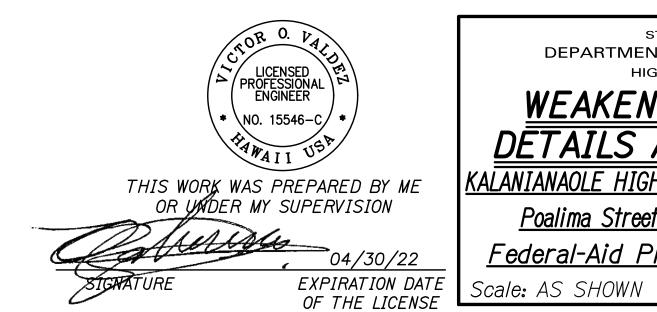
2" PMA

3" HMA (Mix IV) 5" HMA Concrete Base

PMA or 2" PMA
HMA (Mix IV) 2" HMA (Mix IV)

Peconstruction: Pavement Reconstruction: 10" Cold Plane or 2" PMA

6" HMA Concrete Base



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

<u>WEAKENED PAVEMENT</u> DETAILS AND SCHEDULES

KALANIANAOLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)
Scale: AS SHOWN Date: January 2021

SHEET No. *C13* OF *27* SHEETS

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FED. ROAD	STATE	FEDAID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	70	243

SCHEDULE - PAVEMENT RECONSTRUCTION OF

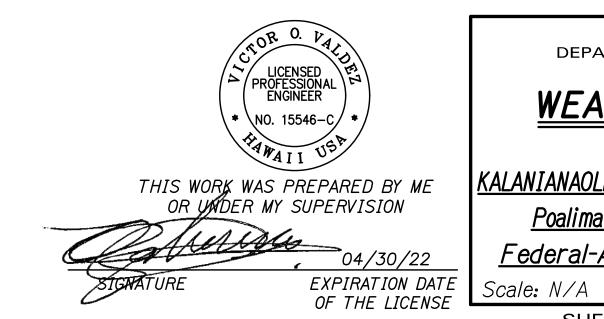
STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA (Sq. Ft.)
₿-1 29+08	9' Rt.	8 x 132	1,056
₿-1 30+60	9' Rt.	8 x 296	2,368
₽-1 33+56	13' Lt.	28 x 44	1,232
B -1 34+00	13' Lt.	28 x 34	952
B -1 34+34	7′ Rt.	8 x 199	1,592
B -1 34+34	5' Lt.	8 x 53	424
₿-1 34+87	13' Lt.	20 x 33	660
₽-1 35+20	5' Lt.	8 x 113	904
₽-1 36+33	14' Lt.	28 x 67	1,876
₿-1 37+00	6' Lt.	8 x 125	1,000
₿-1 37+00	6' Rt.	8 x 200	1,600
₽-1 38+25	14' Lt.	20 x 67	1,340
₽-1 38+92	6' Lt.	8 x 204	1,632
₽-1 39+00	6' Rt.	8 x 196	1,568
₿-1 40+85	6' Lt.	12 x 11	132
₿-1 40+96	14' Lt.	28 x 304	8,512
₾-1 41+09	14' Lt.	30 x 30	450*
₾-1 41+39	15' Lt.	37 x 24	888
₾-1 41+63	15' Lt.	30 x 30	450*
₾-1 41+39	18' Rt.	32 x 24	768
₿-1 44+00	15' Lt.	28 x 500	14,000
₺-1 48+68	11' Rt.	9 x 18	81*
₾-1 48+91	30' Rt.	3 x 7	21
₺-1 48+86	11' Rt.	20 x 29	580
₿-1 49+00	15' Lt.	26 x 500	13,000
₿-1 49+15	11' Rt.	17 x 17	145*
₽-1 52+39	12' Rt.	17 x 21	357
₽-1 52+59	12' Rt.	18 x 27	486
₽ -1 52+59	29' Rt.	9 x 24	216
₽-1 52+86	12' Rt.	14 x 20	140*
B -1 54+00	13' Lt.	26 x 394	10,244
₽-1 58+20	11' Lt.	5 x 46	230
₽-1 58+20	16' Lt.	10 x 46	230*
₽-1 58+66	11' Lt.	15 x 34	510
₽-1 58+61	11' Rt.	2 x 40	80

STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA
B -1 59+00	11' Lt.	15 x 23	345
B-1 59+00	11' Rt.	2 x 367	734
₿-1 59+23	16' Lt.	10 x 47	235*
₾-1 59+23	11' Lt.	5 x 47	235
₿-1 60+15	0	11 x 36	396
₽-1 61+10	6' Lt.	6 x 24	144
₽-1 61+81	0	11 × 10	110
₿-1 65 +1 6	0	13 x 25	325
₾-1 66+65	8' Rt.	7 x 235	1,645
B -1 68+40	2' Rt.	9 x 17	153
∄- 1 69+00	11' Rt.	8 x 91	728
₾-1 69+47	7' Lt.	7 x 252	1,764
⊉-1 69+90	7' Lt.	25 x 92	2,300
∄-1 72+92	0	10 x 109	1,090
B -1 74+00	0	11 x 37	407
⊉-1 75+50	5' Rt.	6 x 26	156
₿-1 77+00	5' Rt.	6 x 16	96
∄-1 78+12	5' Rt.	7 x 21	147
₾-1 80+40	9' Lt.	27 x 151	4,077
₾-1 82+78	10' Rt.	6 x 58	348
₾-1 83+76	10' Rt.	6 x 25	150
⊉-1 85+50	7' Lt.	6 x 53	318
₿-1 86+16	0	12 x 64	768
₾-1 86+20	12' Rt.	9 x 39	176*
1 86+59	12' Rt.	9 x 52	468
₿-1 87 +11	11' Rt.	9 x 45	203*
₾-1 87+42	7' Lt.	6 x 26	156
₿-1 88+51	1' Lt.	12 x 49	588
₾-1 89+00	1' Lt.	12 x 500	6,000
₾-1 94+00	2' Lt.	11 x 105	<i>1,</i> 155
₿-1 95+69	12' Lt.	14 x 23	322
⊉-1 95+92	12' Lt.	14 x 19	133*
₾-1 96+42	21' Rt.	2 x 38	38*
₿-1 98 +4 2	5' Lt.	6 x 59	354
₾-1 99+00	5' Lt.	6 x 18	108

SCHEDULE - PAVEMENT RECONSTRUCTION OF WEAKENED PAVEMENT AREAS				
STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA (Sq. Ft.)	
₽-1 100+50	7' Lt.	4 x 20	80	
₽-1 103+38	4' Lt.	6 x 58	348	
₿-1 104+82	12' Rt.	10 x 50	250*	
₽-1 105+32	12' Rt.	10 x 50	500	
₽-1 105+82	12' Rt.	10 x 50	250*	
₿-1 108+15	5' Lt.	6 x 52	312	
₽-1 110+02	5' Lt.	5 x 20	100	
₽-1 111+79	4' Lt.	6 x 33	198	
₽-1 112+50	1' Rt.	12 x 100	1,200	
₽-1 116+93	10' Lt.	11 x 30	330	
₺-1 118+37	12' Rt.	10 x 50	250*	
₺-1 118+55	4' Lt.	6 x 26	156	
₽-1 118+88	12' Rt.	10 x 12	120	
₿-1 119+00	12' Rt.	10 x 38	380	
₺-1 119+05	7' Rt.	6 x 15	90	
₾-1 119+38	12' Rt.	10 x 50	250*	
₿-1 121+34	1' Rt.	12 x 18	216	
₽-1 122+29	6' Rt.	6 x 30	180	
₽-1 124+00	1' Rt.	11 x 22	242	
₿-1 131+96	18' Lt.	38 x 22	836	
₽-2 00+00	2' Lt.	4 x 13	52	
₽-2 00+82	4' Lt.	5 x 24	120	
₽-2 00+60	0	11 x 50	275*	
₽-2 01+09	3' Rt.	11 x 51	561	
₾-2 01+59	6' Rt.	11 x 19	209	
₽-2 02+20	2' Lt.	20 x 22	440	
₽-2 02+26	2' Lt.	5 x 10	50	
₽ -2 02+24	6' Lt.	18 x 22	396	

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STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA (Sq. Ft.)
₽-2 06+87	10' Rt.	11 x 45	495
₿-2 17+45	9' Rt.	11 x 28	308
₿-2 17+73	8' Rt.	18 x 22	396
₿-2 17+79	2' Rt.	19 x 22	418
₾-2 17+84	2' Rt.	6 x 12	72
₽ -2 18+33	3' Rt.	18 x 30	540
₽ -2 19+76	7' Rt.	11 x 60	660
₽-2 20+35	17' Lt.	27 x 70	1,890
₾-3 21+49	6' Lt.	11 x 30	330
₽ -3 22+02	12' Lt.	5 x 20	100
₾-3 22+60	12' Lt.	5 x 20	100
₽ -3 23+36	3' Lt.	5 x 90	450
₾-3 24+79	12' Lt.	5 x 15	75
₽ -3 24+72	0	5 x 15	75
₽-3 25+10	0	5 x 30	150
₽-3 26+66	11' Lt.	6 x 15	90
₽ -3 27+00	0	5 x 15	75
₾-3 28+86	6' Lt.	11 x 15	165
₾-3 29+40	12' Lt.	5 x 20	100
₾-3 29+96	0	5 x 15	75
₽ -3 30+59	6' Lt.	11 x 30	330
₾-3 32+09	12' Lt.	5 x 10	50
₾-3 32+43	4' Lt.	9 x 10	90
₽-3 32+43	12' Lt.	5 x 30	150
∄ -3 33+27	12' Lt.	5 x 10	50
₽ -3 33+65	12' Lt.	5 x 10	50
₽ -3 35+04	6' Lt.	11 x 165	1,815
₽ -3 35+70	0	5 x 40	200
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* Triangular Pavement Panels



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

<u>WEAKENED PAVEMENT</u> <u>SCHEDULE</u>

KALANIANAOLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)
Scale: N/A
Date: January 2021

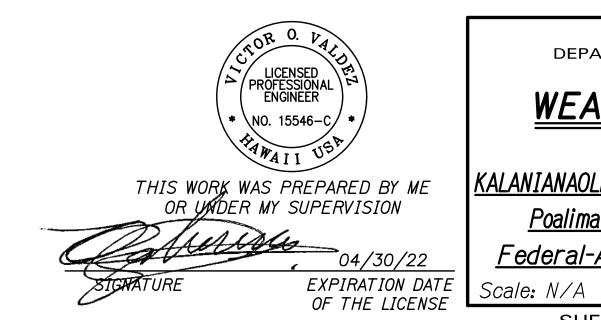
SHEET No. C14 OF 27 SHEETS

ED. ROAD	STATE	FEDAID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAW.	NH-072-1(059)	2021	71	243

STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA (Sq. Ft.)
₽-3 36+69	6' Lt.	11 x 258	2,838
₽-3 38+64	12' Lt.	5 x 50	250
₾-3 41+09	12' Lt.	5 x 391	1,955
₽ -3 44+74	0	5 x 10	50
₽ -3 45+00	12' Lt.	5 x 93	465
₽ -3 45+78	6' Lt.	11 x 160	1,760
₽-3 46+88	17' Lt.	10 x 50	250*
₽ -3 47+38	17' Lt.	10 x 50	500
₽ -3 47+88	17' Lt.	10 x 50	250*
₽-3 48+00	6' Lt.	11 x 28	308
∄ -3 48+98	6' Lt.	11 x 32	352
₽ -3 49+96	11' Lt.	6 x 22	132
₽ -3 50+44	1' Lt.	6 x 23	138
₽ -3 51+89	11' Lt.	6 x 45	270
₽ -3 54+16	1' Lt.	6 x 84	504
₽- 3 55+00	1' Lt.	6 x 50	300
₾-3 60+14	11' Lt.	6 x 53	318
₽ -3 60+92	11' Lt.	6 x 53	318
₽ -3 62+10	11' Lt.	6 x 65	390
₽ -3 64+60	11' Lt.	6 x 40	240
₽ -3 61+35	5' Rt.	10 x 50	250*
₽ -3 61+85	5' Rt.	10 x 50	500
∄ -3 62+35	5' Rt.	10 x 50	250*
₽ -3 65+00	11' Lt.	6 x 18	108
₽- 3 66+75	6' Lt.	11 x 34	374
₽ -3 67+73	6' Lt.	11 x 216	2,376
₽-3 67+33	17' Lt.	10 x 50	250*
₽-3 67+83	17' Lt.	10 x 50	500
₽-3 68+33	17' Lt.	10 x 50	250*
₽-3 67+33	5' Rt.	10 x 50	250*
₽-3 67+83	5' Rt.	10 x 50	500
₽- 3 68+33	5' Rt.	10 x 50	250*
₽-3 70+48	6' Lt.	11 × 111	1,221
₽ -3 72+26	11' Lt.	6 x 274	1,644
₽ -3 75+00	12' Lt.	6 x 55	330

STATION	OFFSET	WIDTH x LENGTH (Feet x Feet)	AREA	
<i>B</i> -3 78+44	6' Lt.	11 x 72	792	
₺ -3 79+05	0	5 x 95	475	
<i>₱-3 79+89</i>	5' Rt.	5 x 12	30*	
₺ -3 80+00	0	5 x 279	1,395	
₽ -3 80+00	5Rt.	7 x 14	98	
₽-3 80+14	5Rt.	10 x 50	500	
₽ -3 80+64	5Rt.	10 x 50	250*	
₽ -3 83+45	6' Lt.	11 x 26	286	
₽ -3 84+74	12' Lt.	5 x 26	130	
₽ -3 85+00	12' Lt.	5 x 94	470	
₽ -3 89+20	9' Lt.	5 x 15	75	
₽ -3 93+86	12' Rt.	5 x 62	310	
₽ -3 94+67	0	5 x 25	125	
₽ -3 95+86	12' Rt.	5 x 23	115	
₽ -3 95+98	0	5 x 140	700	
₽ -3 97+86	5' Lt.	22 x 27	594	
⊉ -3 98+13	0	5 x 169	845	
B -3 101+34	0	5 x 64	320	
₽ -3 103+47	5' Lt.	11 x 153	1,683	
₽ -3 105+00	5' Lt.	11 x 62	682	

^{*} Triangular Pavement Panels



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

<u>WEAKENED PAVEMENT</u> <u>SCHEDULE</u>

KALANIANAOLE HIGHWAY IMPROVEMENTS PHASE 2

Poalima Street to Vicinity of Makai Pier

Federal-Aid Project No. NH-072-1(059)

N/A Date: January 2021
SHEET No. C15 OF 27 SHEETS
