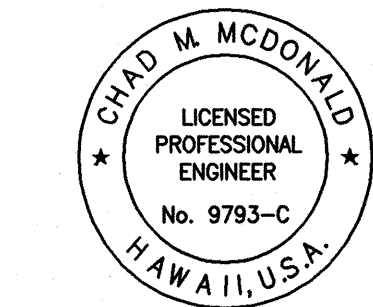


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	28	112

STRIPING AND PAVEMENT MARKING SCHEDULE											
STATION	TRAFFIC REGIME		THERMOPLASTIC EXTRUSION (lin. ft.)					PAVEMENT MARKERS (EACH)			
			4" Double Yellow	4" Yellow C	4" White E.P. Stripe	8" White Stripe	12" Stop Bar	C	D	H	J
	LEFT	RIGHT									
13+46.80	P	P			900			23	12		45
17+97	P	N	25	813	1,626		45	41	21	21	82
26+10	N	P	27	1,400	2,800	310	16	70	36	35	140
40+10	P	P			2,218			56	28		112
51+19	P	N		741	1,482	82		38	20	19	76
58+60	N	N	2,093		4,186	510		104	104		
79+54	OPEN		12		120		20	3	1		
80+11	N	P		530	1,060	302		28	13	14	56
85+41	P	P			1,340			34	16		68
92+11	P	N		480	960			24	12	12	48
96+91	OPEN		34		100		32	3	2		
97+32	N	N	2,874		5,748	764	10	144	144		
28+56	N	P	23	955	1,910	88	19	50	26	24	96
38+11	P	P			6,630	150		166	83		332
169+15											
TOTALS			5,088	4,919	31,080	2,206	142	784	507	125	1,055
CONTRACT ITEM NUMBER			629.1300	629.1010	629.1000	629.1100	629.1200	629.2020	629.2030	629.2040	629.2050

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
NOTE BOOK	CHECKED BY	
No.		



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UNDER MY SUPERVISION

Chad M. McDonald
MITSUNAGA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRIPING AND PAVEMENT
MARKING SCHEDULE

HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

SIGN REPLACEMENT, REMOVAL, AND INSTALLATION SCHEDULE											
STATION	LEFT	RIGHT	MILE POST	TYPE	SIGN TO REMAIN	REMOVE	INSTALL (10 SQ. FT. OR LESS)		INSTALL (GREATER THAN 10 SQ. FT.)		REMARKS
							W/POST	WO/POST	W/POST	WO/POST	
15+95	●		35.91	R2-1-A(45) (48"x60")		1			1		
15+97		●	35.91	R2-1-A(55) (48"x60")		1			1		
16+83	●		35.89	"ADOPT A HIGHWAY LITTER CONTROL NEXT 2 MILES"		1			1		MATCH EXISTING
21+00		●	35.81	W14-4 (36"x36")/ W13-1(45)-A (24"x24")			1	1			NEW SIGN
21+00	●		35.81	R2-5b-A(45) (48"x60")		1			1		
22+44		●	35.78	R2-4-A(40) (48"x60")		1					
25+15	●		35.73	R4-2 (24"x30")			1				NEW SIGN
25+47	●		35.73	R1-1 (36"x36")			1				
25+90		●	35.72	R1-1 (36"x36")		1	1				
27+02		●	35.70	R4-2 (24"x30")			1				
28+00		●	35.68	W2-2R (30"x30")		1	1				
31+50	●		35.61	W14-4 (36"x36")/ W13-1(45)-A (24"x24")			1	1			NEW SIGN
35+06		●	35.54	R1-1 (36"x36")		1	1				
43+66	●		35.38	W2-2R (30"x30")		1	1				
54+50		●	35.18	W14-4 (36"x36")/ W13-1(45)-A (24"x24")			1	1			NEW SIGN
58+15	●		35.11	R4-2 (24"x30")			1				NEW SIGN
64+50	●		34.99	W14-4 (36"x36")/ W13-1(45)-A (24"x24")			1	1			NEW SIGN
70+46		●	34.87	W2-2L (30"x30")/ W13-1(45)-A (24"x24")		2	1	1			
75+68		●	34.77	R7-12R (18"x24")		1	1				
76+16		●	34.77	R7-1 (12"x18")		1					
76+68		●	34.76	R8-3b (24"x36")			1				NEW SIGN
76+91		●	34.75	R7-1 (12"x18")		1					
77+32		●	34.74	R7-12R (18"x24")		1	1				
79+64	●		34.70	R1-1 (36"x36")		1	1				
85+00	●		34.60	W2-2R (30"x30")/ W13-1(45)-A (24"x24")		2	1	1			
96+53	●		34.38	R4-2 (24"x30")			1				NEW SIGN
97+45		●	34.36	R1-1 (36"x36")		1	1				
0+60	●		34.35	R1-1 (36"x36")			1				NEW SIGN
22+74		●	33.93	"ADOPT A HIGHWAY LITTER CONTROL NEXT 2 MILES"		1			1		MATCH EXISTING
27+18	●		33.85	"ADOPT A HIGHWAY LITTER CONTROL NEXT 2 MILES"		1			1		MATCH EXISTING
28+96		●	33.81	R1-1 (36"x36")		1	1				
29+15		●	33.81	R4-2 (24"x30")			1				
33+62		●	33.72	R2-1(55)-A (48"x60")		1			1		
				TOTALS	--	23	23	6	7		
CONTRACT ITEM NUMBER							621.5100	621.5150	621.5200		

ORIGINAL PLAN	SURVEY PLOTTED BY _____		DATE _____
NOTE BOOK	DRAWN BY _____	_____	_____
	DESIGNED BY _____	_____	_____
	QUANTITIES BY _____	_____	_____
	CHECKED BY _____	_____	_____
No. _____			



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**SIGN REPLACEMENT, REMOVAL
AND INSTALLATION SCHEDULE**

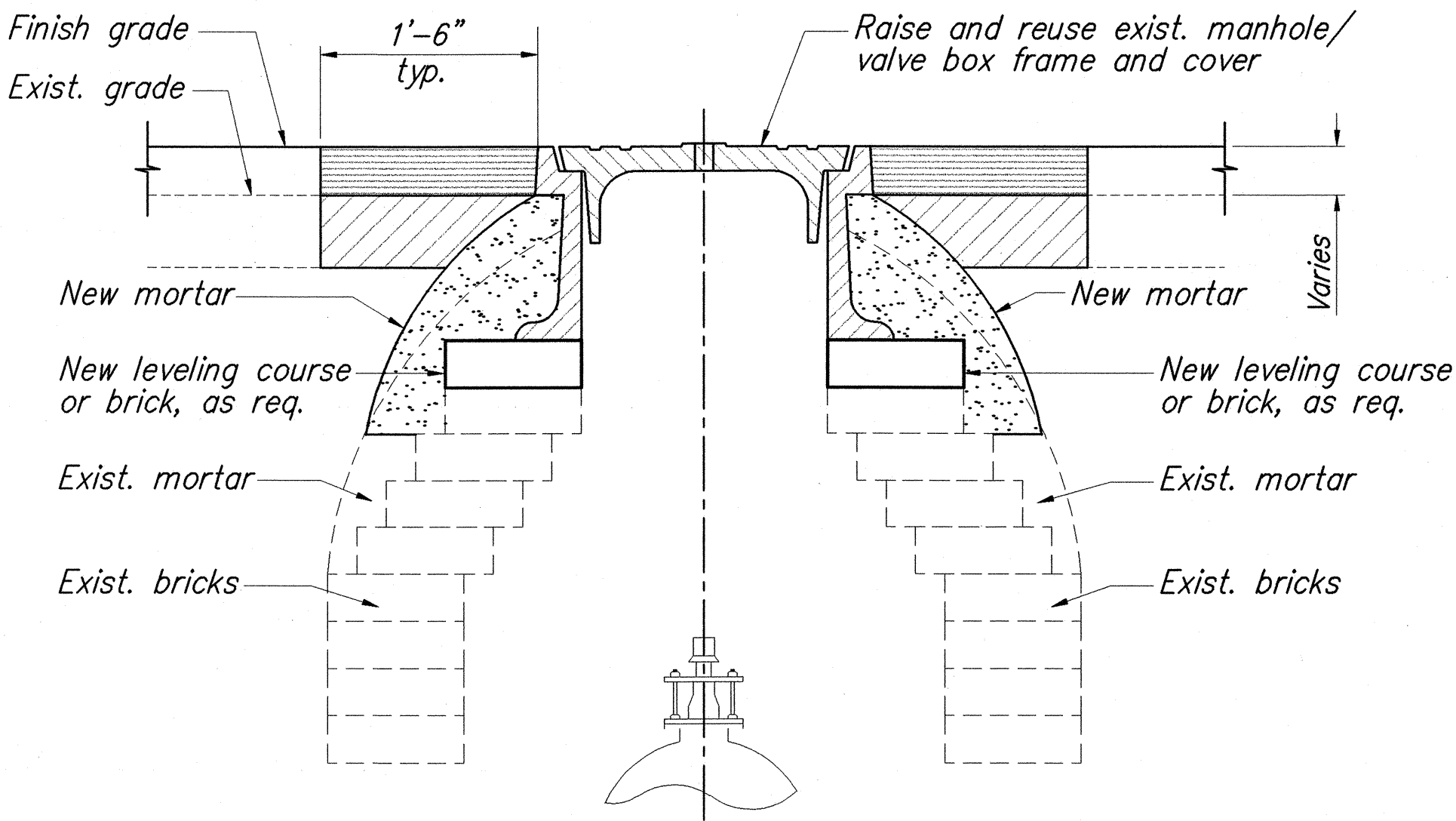
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted **Date: April 2004**

SHEET NO. **C-27** OF **49** SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	31	112

ROUTE MARKER SCHEDULE						
STATION	LEFT	RIGHT	ROUTE MARKER SIGN NO. (ROUTE NO.)	REMOVE	INSTALL TYPE A ASSEMBLY	REMARKS
21+78	●		MI-6(19) / M3-4 (24"x12")	1	1	
83+19		●	MI-6(19) / M3-2 (24"x12")	1	1	
83+21	●		MI-6(19) / M3-4 (24"x12")	1	1	
1+76		●	MI-6(19) / M3-2 (24"x12")	1	1	
159+05	●		MI-6(19) / M3-4 (24"x12")	1	1	
159+06		●	MI-6(19) / M3-2 (24"x12")	1	1	
			TOTALS	6	6	
CONTRACT ITEM NUMBER					621.6110	

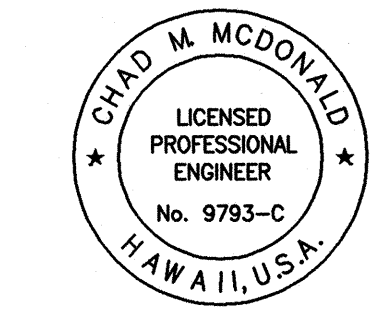


MANHOLE/ VALVE BOX GRADE ADJUSTMENT
Not to Scale

CENTERLINE AND REFERENCE SURVEY MONUMENT SCHEDULE			
STATION	MONUMENT TYPE	RECONSTRUCT CENTERLINE AND REFERENCE MON. (ITEM NO. 613.0110)	REMARKS
9+14.55	P.T.		TO REMAIN
40+48.35	P.C.	1	STA 40+48.21 o/s 0.24' RT.
43+85.02	P.T.	1	STA 43+84.87 o/s 0.23' RT.
68+40.71(Bk)= 68+41.60(Ah)	P.C.	1	STA 68+39.95 o/s 1.15' RT. EQUATION STATION
81+98.05	P.T.	1	STA 81+98.66 o/s 1.60' RT.
22+41.71	P.C.	1	STA 22+45.50 o/s 2.71' RT.
34+45.04	P.T.	1	STA 34+49.61 o/s 1.90' RT.
57+31.07(Bk)= 155+25(Ah)	MON.	1	STA 155+29.49 o/s 1.86' RT. EQUATION STATION
TOTALS		7	

UTILITY SCHEDULE				
STATION	OFFSET FROM $\varnothing$		TYPE	REMARKS
	Right	Left		
34+46	25'		DI	REPLACE GRATED INLET
37+98	20'		WV	SHOULDER
73+71		21'	WMH	SHOULDER
73+71		21'	WV	SHOULDER
74+01	23'		WV	SHOULDER
76+38	23'		WV (2)	SHOULDER
79+78	26'		DI	REPLACE GRATED INLET
79+87	17'		WV (2)	SHOULDER
80+06	20'		WMH	SHOULDER
82+43	26'		WMH	OFF SHOULDER
8+03	18'		WMH	SHOULDER
158+97	19'		DI	REPLACE GRATED INLET
<u>Legend</u> : WV = Water Valve 7 Total (Item No. 604.4000)				
WMH = Water Manhole 4 Total (Item No. 604.2000)				
DI = Grated Drain Inlet 3 Total (Item No. 604.1000)				

ORIGINAL PLAN	DATE	4/04
DESIGNED BY	DATE	4/04
TRACED BY	DATE	4/04
NOTED BY	DATE	4/04
QUANTITIES BY	DATE	4/04
CHECKED BY	DATE	4/04



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

SHEET No. C-29 OF 49 SHEETS