



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAI'I	HAW.	ARR-050-1(036)	FY13/14	Model	141

Item No.	Qty.	Bill of Materials		
F 3000	1	Impact head		
F 1303	1	W-Beam guardrail end section, 12 Ga.		
F1304	1	W-Beam guardrail center section, 12 Ga.		
G1203	1	W-Beam guardrail, 12 Ga.		
S730	2	*Foundation soil tube, 6" x 8" x 72"		
E750	1	Bearing plate		
S760	1	Cable anchor box		
E770	1	BCT cable anchor assembly		
E780	1	Ground strut		
PB620	2	Steel breakaway end post		
PB621	5	Steel breakaway line post		
	5	Recycled plastic blockout or offset block		
		Hardware		
B580122	25	5/8'' Dia. x 1 1/4'' Splice bolt, post #2		
B580754	2	5/8" Dia. x 7 1/2" Hex bolt		
B341004	2	3/4" Dia. x 10" Hex bolt		
B581002	5	5/8" Dia. x 10" H.G.R. Bolt (post 3-7)		
		5/8" Dia. H.G.R. Nut (splice 24, soil tubes 2,		
N050	32	post 2 thru 7, 6)		
N030	2	3/4" Dia. hex nut		
W050	6	H.G.R. washer		
W030	4	3/4" I.D. washer		
N100	2	1" Anchor cable hex nut		
W 100	2	1" Anchor cable washer		
B140404	2	1/4" x 4" Hex bolt		
N104	2	1/4" Hex nut		
W 10 4	4	1/4" Washer		
SB58A	8	Cable anchor box shoulder bolt		
N055A	8	1/2" A325 Structural nut		
W050A	16	1 1/16" O.D. x 9/16" I.D. A325 Straight Washer		
*6'-0'' Split *6'-0'' Solid *5'-0'' Foun Plates SP6	Foundat Foundat dation T 00 dation T	tions For Posts 1 & 2 ion Tubes S730 ion Tubes E731 ubes S735 W/Soil ubes E735 W/Soil		
	Incensel PROFESSION ENGINEER No. 8624 -	DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION FLEAT 350 DETAILS		
CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.Internet of this project UIL BE UNDER MY OBSERVATION.April 30, 2016SIGNATUREApril 30, 2016SIGNATUREEXPIRATION DATE OF THE LICENSEInternet of this project UIL BRIDGE TO RICE STREETLIHUE MILL BRIDGE TO RICE STREETDATEApril 30, 2016Scale: As ShownDate: May 2, 2014SHEET No. C-61				

MODE

''AS-BUILT''