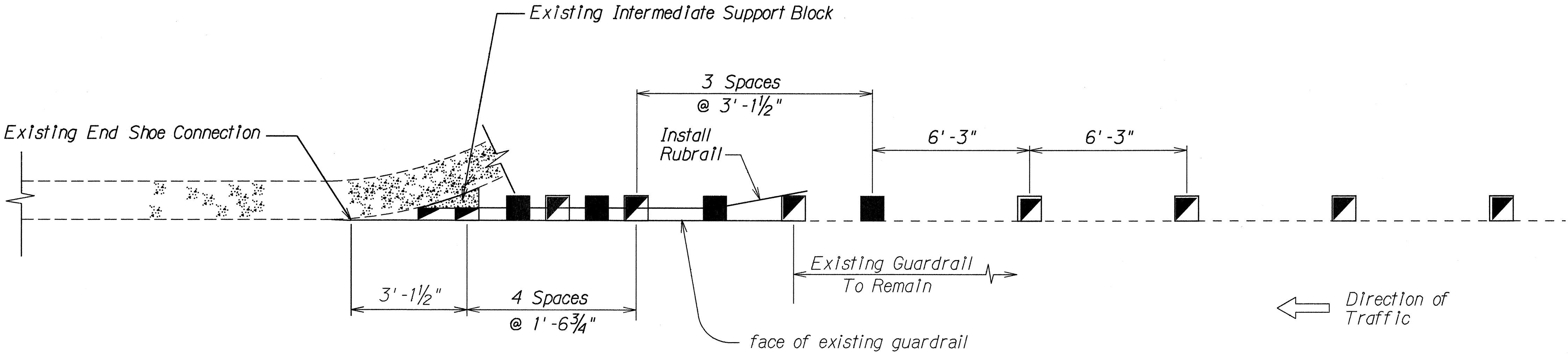


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0450(6)	1995	6	39



TYPICAL GUARDRAIL APPROACH @ EXISTING STRUCTURES
Scale: 3/8" = 1'-0"

LEGEND

- Existing Post to be Adjusted
- New Metal Post and Spacer Block to be Installed
- Existing Spacer Block Mounted on Concrete

NOTES:

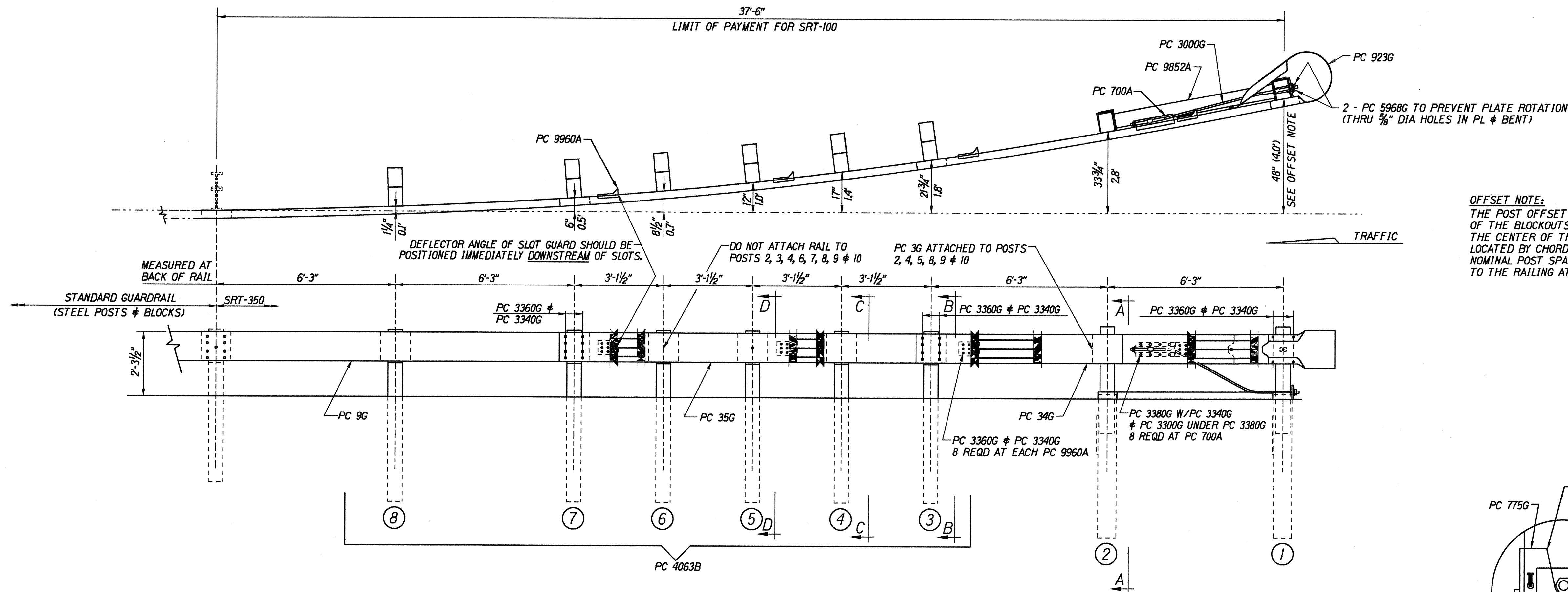
- The furnishing and installing of the additional metal posts and spacer blocks, will not be paid for separately, but shall be considered incidental to rubrail pay items.
- Posts 1 through 6 require additional holes to mount the rubrail. Additional holes are also required on the W-Beam rails to match the added posts. These work will be considered incidental to rubrail pay item.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GUARDRAIL DETAILS	
KAMEHAMEHA V HIGHWAY RESURFACING Kamiloloa Bridge to Kapuokoolau Federal-Aid Project No. STP-0450(6)	
Scale: As Shown	Date: April, 1995
SHEET No. 1 OF 2 SHEETS	

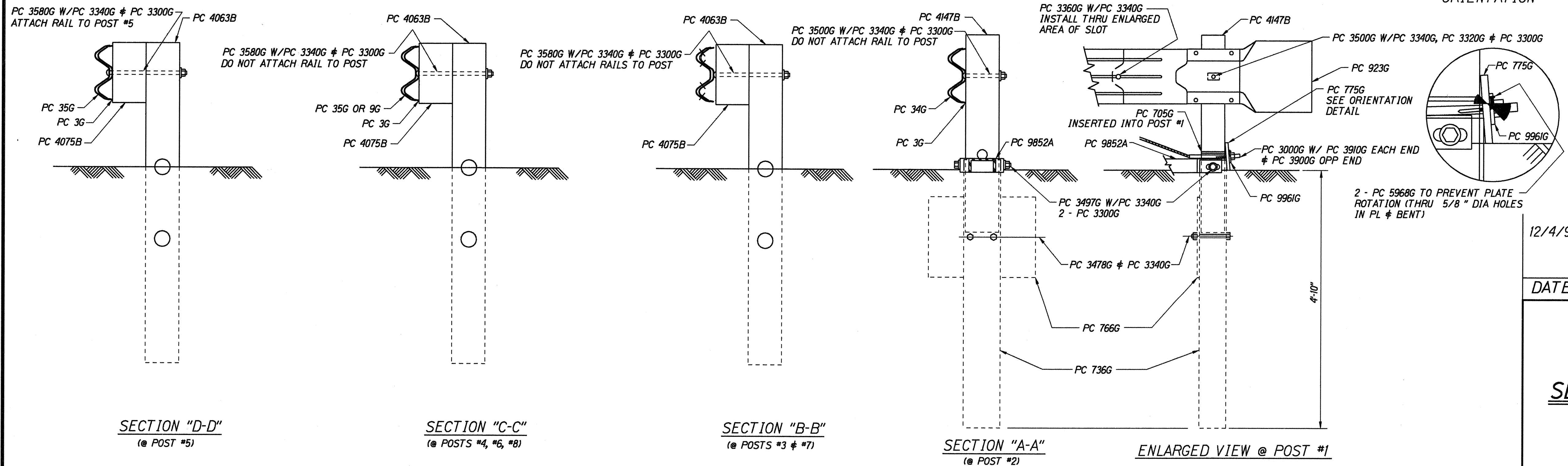
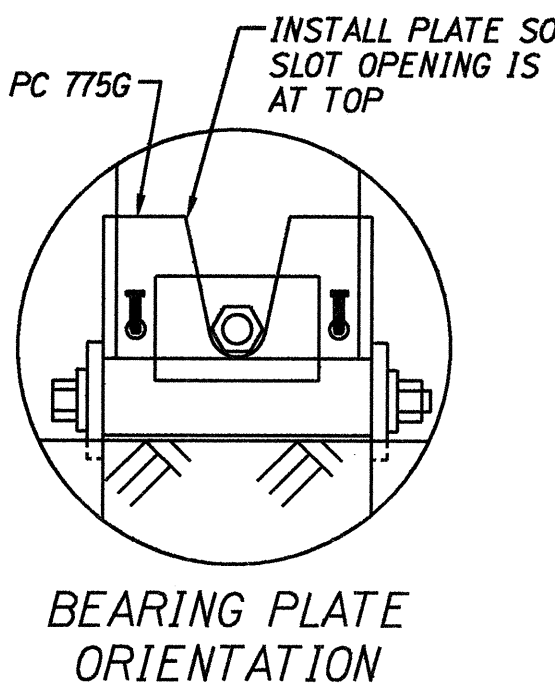
12/4/95	Replaced Modified Eccentric Loader (MELT) with Slotted Rail Terminal 100 (SRT-100)
DATE	REVISION

"AS-BUILT"



OFFSET NOTE:
THE POST OFFSET DIMENSIONS ARE GIVEN TO THE CENTER OF THE TRAFFIC FACE OF THE BLOCKOUTS, EXCEPT AT THE FIRST TWO POSTS, WHERE THE DIMENSION IS TO THE CENTER OF THE TRAFFIC FACE OF THE POST. OFFSET POINTS ARE TO BE LOCATED BY CHORD MEASUREMENTS AT THE BACK OF THE RAIL EQUAL TO THE NOMINAL POST SPACINGS SHOWN. POSTS ARE TO BE SET APPROXIMATELY RADIAL TO THE RAILING AT EACH POST LOCATION.

BILL OF MATERIAL		
PC	QTY	DESCRIPTION
3G	7	12/12"/BACKUP (GUARDRAIL)
9G	1	12/12"/6'3"/S (GUARDRAIL)
34G	1	12/126/S SRT-1 (GUARDRAIL)
35G	1	12/126/6'3"/S SRT-2 (GUARDRAIL)
700A	1	CABLE ANCHOR BRACKET
705G	1	2"Ø x 5 1/2" PIPE
736G	2	5'0" TUBE SLEEVE
766G	2	1/4x 18 x 24 SOIL PLATE
775G	1	3/8x 6 x 8 BEARING PLATE
923G	1	12/BARRIER/98" (TERMINAL)
3000G	1	3/4x 6'6" CABLE
3300G	22	3/8" WASHER
3320G	1	3/16x 1 3/4x 3 WASHER
3340G	77	3/8" HEX NUT
3360G	53	5/8"x 1 1/4" SPLICE BOLT
3380G	8	7/8"x 1 1/2" HEX HD BOLT
3478G	4	7/8"x 7 1/2" HEX HD BOLT
3497G	2	5/8"x 9 1/2" HEX HD BOLT
3500G	2	5/8"x 10" POST BOLT
3580G	8	7/8"x 18" POST BOLT
3900G	1	1" WASHER
3910G	2	1" HEX NUT
4063B	8	6'0" POST 6 x 8
4075B	8	14" BLOCK 6 x 8
4147B	2	3' 9" POST 5 1/2x 7 1/2
5968G	2	16d NAIL SRT
9852A	1	STRUT ASSEMBLY
9960A	4	SLOT GUARD
9960G	1	3/8x 3 x 4 PLATE WASHER



12/4/95 Replaced Modified Eccentric Loader (MELT) with Slotted Rail Terminal 100 (SRT-100)

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SRT-100
SLOTTED RAIL TERMINAL

