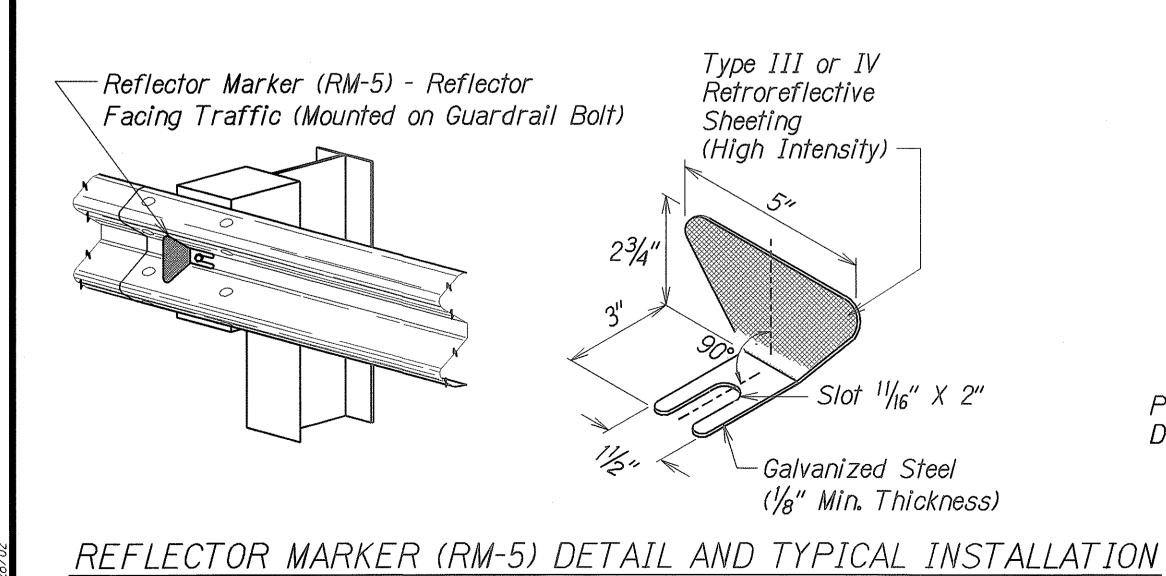
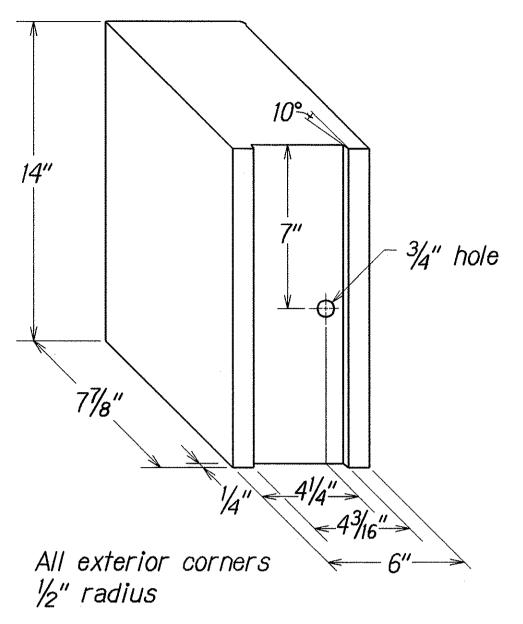


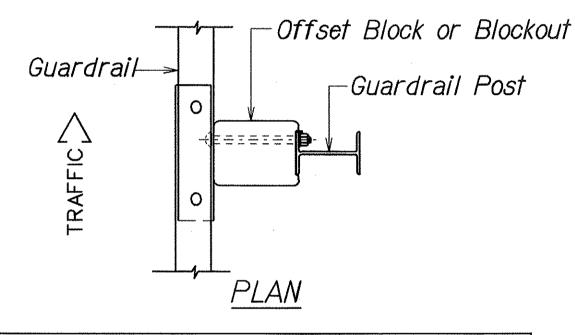
<u>Exploded View</u> (Rail and washer not shown)

STEEL POST AND BLOCK DETAIL

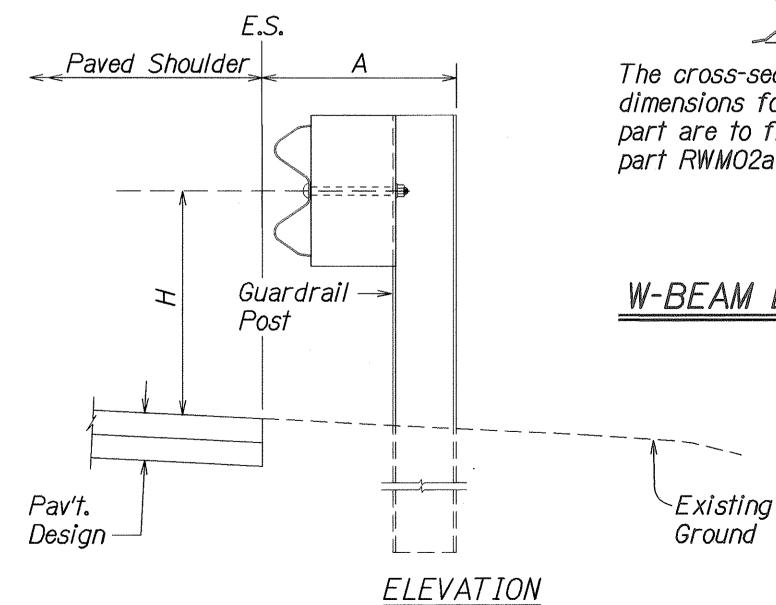




RECYCLED POLYETHYLENE OFFSET BLOCK (TYPE II)



GUARDRAIL TYPE	DIMENSION		
GUARDRAIL TIFE	H	Α	
Strong Post W-Beam	1'-95/8"	1'-6"	
Strong Post Rubrail (W-Beam)	2'-0"	1'-6"	
Modified or Strong Post Thrie Beam	2'-0"	2'-0"	

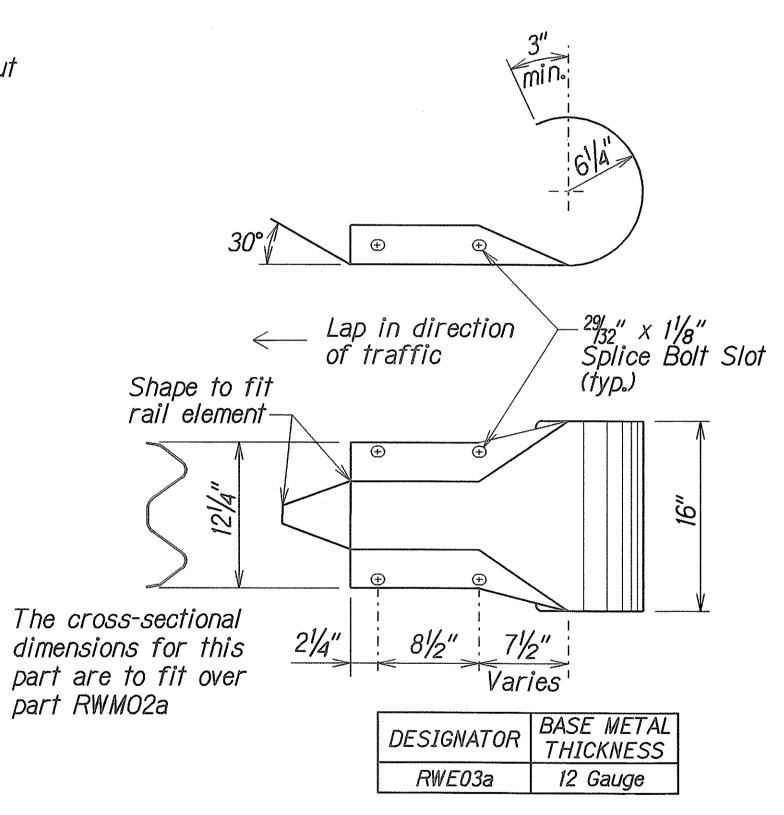


TYPICAL GUARDRAIL INSTALLATION

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-99	2006	13	28

- 1. All hardware, posts and fasteners shall be hot-dip zinc coated galvanized after fabrication. No punching, drilling or cutting will be permitted after galvanizing.
- 2. Where conditions require, special post lengths in increments of 6 inches may be specified.
- 3. All fasteners, posts, and rail elements (i.e. FBB03, PWE01, RWM02b, etc.) shall conform to the latest edition and amendments of "A Guide to Standardized Highway Barrier Rail Hardware", a report prepared and approved by the AASHTO-AGC-ARTBA Joint Cooperative Committee, Subcommittee On New Highway Materials, Task Force 13 Report. Dimensions of fastners, posts and rail elements have been converted from metric units into their present form.
- 4. The Recycled Plastic Block or Offset Block shall be approved by the State.
- 5. Reflector Markers (RM-5) mounted on guardrails shall be spaced every 25 feet. RM-5's shall not be installed on Terminal Sections. Furnishing and installing of each RM-5 shall be considered incidental to the adjacent guardrail system.



W-BEAM END SECTION (ROUNDED RWE03a)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

<u>GUARDRAIL DETAILS ♦ NOTES</u>

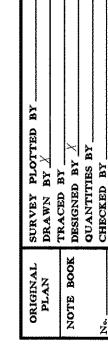
KAMEHAMEHA HIGHWAY
Intersection Improvements At

<u>Kahekili Highway</u> <u>Project No. 83F-01-99</u>

Scale: None

Date: May, 2006

SHEET No. 1 OF 1 SHEETS



13