

GENERAL NOTES

- Due to the limited funds available, the Contractor's attention is directed to Sub-section 103.01 - "Consideration of Proposal" and to Sub-section 104.09 - "Availability of Funds" of the Special Provisions.
- The Contractor's attention is directed to Sub-section 107.13 - "Public Convenience and Safety" of the Special Provisions regarding hours of operations, lane closure, ramp closure, legal notices and other requirements necessary for providing the public safe movement through the project areas.
- The Contractor's attention is directed to Sub-section 104.04 - "Maintenance of Traffic" of the Standard Specifications, particularly the last paragraph.
- Prior to filling or resurfacing, the existing surface shall be cleaned as described in Section 310 - "Brooming Off" of the Standard Specifications.
- Provide smooth riding transitions between varying resurfacing pavement thickness and connections to existing pavements.
- Ruts or potholes adjacent to the edge of pavement shall be reshaped and compacted as directed by the Engineer. Payment for this work will be paid for under Item No. 660.0100, Dressing of Shoulders.
- The Contractor shall place a thin layer of leveling course Mix No. I to smooth out any irregularities in the existing pavement prior to resurfacing.
- Before paving, the Contractor shall mark the location of all existing manholes, handholes and other utility frames and covers in a manner satisfactory to the Engineer. The Contractor shall notify all applicable utility and governmental agencies or companies seven (7) days prior to beginning paving operations. These shall be considered incidental to Asphalt Concrete Pavement, Mix No. II, and no separate payment shall be made therefor.
- The Contractor shall contact the owners of the various utilities prior to the start of work especially the existing 30" water main (BWS) and U.S.A. Signal Corps cable (HTCO) along Farrington Hwy. A 20" water main (BWS) also runs along Kalaheola Blvd. For requirements, see Sub-section 107.21 - "Contractors Responsibility for Utility Property and Services" of the Specifications.
- The depth of excavation for reconstruction shall be the reconstructed thickness minus the resurfacing thickness as designated on the plans. The excavated areas shall be reconstructed with Plant Mix Asphalt Treated Base Course prior to resurfacing. The reconstructed thickness shall be 7/4 inches.
- Removal of existing guard rail flares will not be paid for separately but will be considered incidental to Item No. 606.7000, Terminal Section, Type BCT.
- For Traffic Control Plan requirements refer to Sub-section 107.14 - "Barricades and Warning Signs" of the Special Provisions

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(159)	1980	3	25

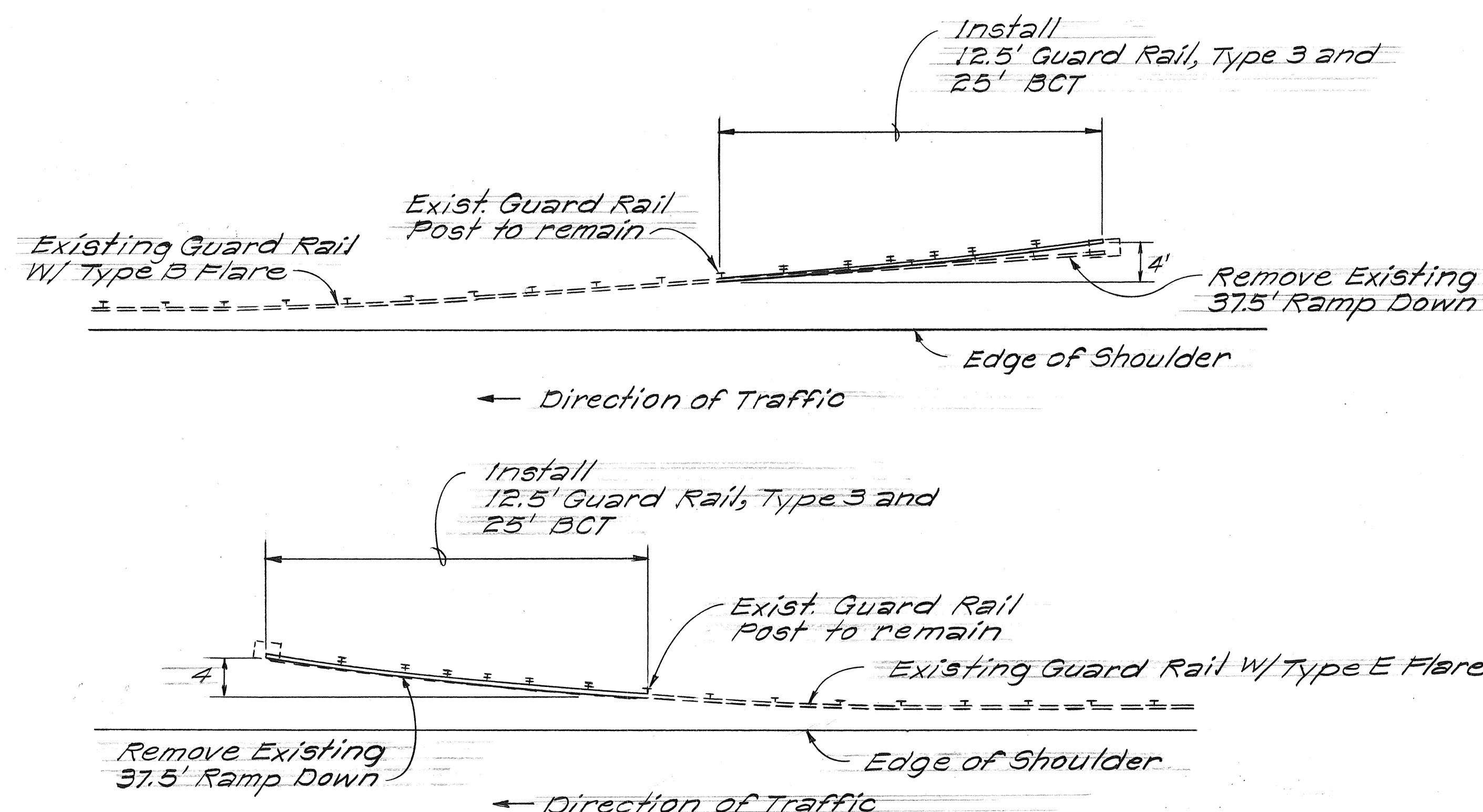
GUARD RAIL SUMMARY (PALAILAI I.C.)

	LOCATION	TYPE 3 SINGLE	TERMINAL SECTION		LOCATION	TYPE 3 SINGLE	TERMINAL SECTION
1	Kalaheola Sta. 1+02.5 to Sta. 1+40 (Rt.)	12.5'	Modified Type BCT	10	Ramp B Sta. 5+45 to Sta. 5+82.5 (Lt.)	12.5'	Modified Type BCT
2	Kalaheola Sta. 3+00 to Sta. 3+37.5 (Lt.)	12.5'	Modified Type BCT	11	H-1 & I.B. Sta. 41+00 to Sta. 41+37.5 (Rt.)	12.5'	Modified Type BCT
3	Kalaheola Sta. 5+65 to Sta. 6+02.5 (Rt.)	12.5'	Modified Type BCT	12	Ramp CI Sta. 10+30 to Sta. 10+67.5 (Rt.)	12.5'	Modified Type BCT
4	Kalaheola Sta. 2+10.5 to Sta. 2+48 (Lt.)	12.5'	Modified Type BCT	13	H-1 & I.B. Sta. 63+50 to Sta. 63+87.5 (Rt.)	12.5'	Modified Type BCT
5	Kalaheola Sta. 17+22.5 to Sta. 18+37 (Lt.)	12.5'	Modified Type BCT	14	Ramp IF Sta. 4+50 to Sta. 4+87.5 (Lt.)	12.5'	Modified Type BCT
6	Farr. Sta. 3+87.5 to Sta. 4+25 (Lt.)	12.5'	Modified Type BCT	15	Farr. Sta. 31+62.5 to Sta. 32+00 (Lt.)	12.5'	Modified Type BCT
7	Farr. Sta. 4+12.5 to Sta. 4+50 (Rt.)	12.5'	Modified Type BCT	16	Farr. Sta. 30+77.5 to Sta. 31+15 (Rt.)	12.5'	Modified Type BCT
8	Farr. Sta. 17+25 to Sta. 18+32.5 (Lt.)	12.5'	Modified Type BCT		Ramp C Sta. 11+00 to Sta. 14+75	300'	Modified Type BCT
9	Farr. Sta. 19+45 to Sta. 19+82.5 (Rt.)	12.5'	Modified Type BCT		Ramp A Sta. 1+70	-	GREAT
					TOTAL	550'	Modified 17-BCT 1-GREAT

GUARD RAIL SUMMARY (KUNIA I.C.)

	LOCATION	TYPE 3 SINGLE	TERMINAL SECTION
	H-1 & Sta. 31+62 to Ramp KA Sta. 2+22.5	88'	Type C Flare
	H-1 & Sta. 316+43 to Sta. 316+80.5	12.5'	Modified Type BCT
	Ramp KC Sta. 10+62.50 to Sta. 13+50	262.5'	Modified Type BCT
	Kunia Rd. Sta. 104+50 to Ramp KO Sta. 1+55 (Lt.)	115'	Modified Type BCT
	Ramp KI Sta. 10+50 to Sta. 14+00 (Lt.)	350'	Type C Flare
	TOTAL	996'	13-BCT 1E-Type C Flare

3-Modified Type BCT



REPLACING EXISTING TYPE B AND TYPE E FLARES WITH TERMINAL SECTION, TYPE BCT

Scale: 1" = 10'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
GENERAL NOTES, GUARDRAIL
SCHEDULES AND DETAILS FOR
PALAILAI AND KUNIA
INTERCHANGES
F.A.I. PROJ. NO. I-IR-HI-1(159)
Scale: As Shown Date: May 1980
SHEET NO. 1 OF 1 SHEETS