

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(58)	2006	3	32

GENERAL NOTES

- The scope of work for this project includes removing and/or installing metal guardrails; asphalt paving beneath guardrails; and reconstructing and/or installing drain inlets.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subcontracts, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 - Work Zone Traffic Control.
- At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting guardrail and shoulder improvements operations.
- Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
- Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
- The contractor shall provide and maintain access to and from all existing driveways, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items, and will not be paid for separately.
- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing, and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the State Right-of-Way Branch at Tel. No. 692-7332.
- Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to the various contract items, and shall not be paid for separately.
- No section where guardrails have been removed shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers. Furnishing, installing and maintaining physical barriers shall be considered incidental to the various contract items. See Plan Sheet No. 31 for details.
- During working hours, open sections shall be delineated by placing Type II Barricades with flashers @ 40' o.c. and traffic cones @ 10' o.c. between barricades. Furnishing, installing and maintaining barricades and cones shall be considered incidental to the various contract items.
- Connection to existing guardrail shall be considered incidental to Item No. 606.3130 - GUARDRAIL, TYPE 3 W-BEAM WITH STRONG POST.

- Removal and disposal of concrete foundation for Breakaway Cable Terminal (BCT) and backfilling the holes shall be paid for under Item No. 202.0120 - REMOVAL OF CONCRETE FOUNDATION FOR TYPE BCT TERMINAL END. Removal of the 25-foot steel rail and posts shall be paid for under Item No. 202.0130 - REMOVAL OF GUARDRAIL AND STEEL POSTS.
- Removal and disposal of grouted rubble paving for Type "C" and Type "F" Terminal Ends, and backfilling the holes shall be paid for under Item No. 202.0110 - REMOVAL OF GROUTED RUBBLE PAVING FOR TYPE "C" AND TYPE "F" TERMINAL ENDS.
- Removal and disposal of the 37.5-foot steel rail and posts for SRT-350 and FLEAT-350, and the 50-foot steel rail and posts for ET-2000 Terminal Ends shall be paid for under Item No. 202.0130 - REMOVAL OF GUARDRAIL AND STEEL POSTS.
- Removal and disposal of Thrie Beam guardrail (transition) shall be paid for under Item Nos. 202.0140 - REMOVAL OF TYPE 3 THRIE BEAM GUARDRAIL.
- When replacing existing guardrail, new guardrail shall be placed in the same location as existing guardrail, and no closer to the highway unless otherwise specified on the plans or approved by the Engineer.
- All saw-cutting shall be considered incidental to Item No. 401.0400 - A.C. Pav't., Mix No IV.
- All pavement markers and striping, and traffic signs and/or markers that are damaged, or removed by the Contractor as a result of his operations shall be replaced by the Contractor. All such replacement work shall not be paid for separately but shall be considered incidental to the various contract items.
- Prior to commencing his operations, the Contractor shall contact the County of Kauai's Department of Water, Operations Division (Phone No. 245-5444) and make arrangements for the Department of Water personnel to "tone" for and mark the location of existing waterlines, service laterals, valve boxes and manhole frames/covers, including ones that may have been inadvertently paved over on previous resurfacing projects.
Payment involved in toning for and locating these water utilities/facilities shall not be paid for separately, but shall be considered incidental to the various contract items.
- All work of toning, probing, hand digging and all other means of utility verification for the Sandwich Isles Communications (SIC) fiber-optic duct lines shall not be paid for separately, but shall be considered incidental to the various contract items. Contractor shall contact SIC Customer Service Center at 524-8400 or toll free at 1-888-995-7274.
- Lengths of guardrail posts may or may not be indicated on the plans. When the length of guardrail post is not indicated, guardrail post shall be six (6) feet long.
- All work on Kuhio Highway from M.P. 4.01 to M.P. 4.88 (vicinity of Kauai Community Correctional Center) shall be performed during night time working hours. Night time working hours are indicated in Subsection 645.03(F) - Lane Closures of the Special Provisions.

- Construction sign and work zone speed limit assemblies:
 - The construction sign/work zone speed limit assemblies shown on Plan Sht. #32 shall be installed on two (2) locations only on Kuhio Highway: in the vicinity of M.P. 4.01 and in the vicinity of M.P. 4.88.
 - Construction signs (CW20-1Ad and CG20-2A) shall be installed on Kuamoo Road, as shown on Plan Sht. #12 and #13.
 - Construction signs (CW20-1Ad and CG20-2A) shall be installed on Kokee Road as shown on Plan Sht. #14 and #18.
 - For all other work zones or construction areas, use Traffic Control Plans shown in Section 645 of the Special Provisions. Portable construction signs/work zone speed limit signs are allowed.

LEGEND

	Resurfacing/Pavement Widening Limits		Existing Metal Guardrail
	Existing Power Pole		New Metal Guardrail
	Existing Electric Manhole		New Metal Guardrail (Existing Posts to Remain)
	Existing Telephone Manhole		Adjusted Metal Guardrail
	Existing Telephone Pullbox		Existing 12" Sewer Line
	Adjusted Telephone Pullbox		New 12" Sewer Line
	Existing Traffic Signal Standard		Existing Sewer Manhole
	Existing Traffic Signal Pullbox		Adjusted Sewer Manhole
	Existing Water Manhole		New Sewer Manhole
	Adjusted Water Manhole		Existing Monument
	Existing Water Air Relief Valve		Adjusted Monument
	Adjusted Water Air Relief Valve		New Monument
	Existing Water Valve Box		Existing Storm Drain Manhole
	Adjusted Water Valve Box		Adjusted Storm Drain Manhole
	Water Valve Box Below Exist. A.C. Pav't. to be Adjusted		Existing Grated Drop Inlet
	Existing Water Meter Box		New Grated Drop Inlet
	Adjusted/Replaced Water Meter Box with Cast Iron Cover		Adjusted Grated Drop Inlet
	Existing Traffic Sign		Existing Fiber Optic Manhole Owned by Sandwich Isles Communications (SIC)
	New Traffic Sign		Existing Fiber Optic Ductline Owned by Sandwich Isles Communications (SIC)
	Existing Monitoring Well		
	Existing Utility Box		
	Existing Fire Hydrant		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KUHIO HIGHWAY, KUAMOO ROAD & KOKEE ROAD

Guardrail and Shoulder Improvements
at Various Locations

Federal-Aid Project No. STP-0700(58)

Date: July 2006

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
Keiramon	TRACED BY	
Blagoderon	QUANTITIES BY	
	CHECKED BY	