

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0270(13)	1997	3	8

GENERAL NOTES

- Improvements consist of constructing new paved shoulders, installing warning signs and new edge of pavement striping and markers along Akoni Pule Highway.
- Access from existing sideroads and/or driveways shall be maintained by the Contractor at all times.
- Contractor shall complete paving each section of excavated shoulder areas daily.
- 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.
- Contractor shall provide access to and from existing side streets at all times.
- Transition to the existing shoulders shall be smooth neat-line connections.
- Contractor shall maintain smooth riding connections for bicyclists at all times.
- No material and/or equipment shall be stockpiled or stored within highway rights-of-way except at locations approved by the Engineer.
- Saw cutting of existing pavement shall be considered incidental to roadway excavation.
- If the Contractor elects to cold plane the shoulder areas, saw cutting may be waived by the Engineer.
- Existing signs shall remain as posted unless otherwise directed by the Engineer.
- Contractor shall be responsible for temporary edge of pavement markings, see requirements under Section 629 of the Special Provisions. This Work shall be considered incidental to various contract items.
- The Contractor's attention is directed to Subsection 107.13-Public Convenience and Safety; Section 645-Traffic Control and Subsection 107.21-Contractor's Responsibility for Utility Property and Service of the Special Provisions.
- Removal and reinstallation or relocation of existing signs or reflector markers required for completion of project work items shall be considered incidental to Item 203.0200 - Lane and Shoulder Excavation. The Engineer shall determine if signs or reflector markers shall be reinstalled at their existing locations or relocated. Signs or reflector markers damaged by the Contractor's operations shall be repaired or replaced at no cost to the State.
- The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The exact locations of new paved shoulders shall be determined in the field by the Engineer.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
- The Contractor shall remove and dispose of all existing raised pavement markers prior to installing new edge of pavement striping and markers. This work shall be considered incidental to Item No. 401.0400-Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

- Dressing of shoulder areas shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
- Contractor shall schedule his work around the Ironman Triathlon race activities, held annually in October. All pavement and shoulder areas shall be restored to smooth riding condition, completely cleaned with pavement striping installed at least three weeks prior to the event. No construction work shall be permitted for the time period beginning three weeks prior to the Ironman Triathlon race until the Monday following the event.
- Excess excavated material shall belong to the State and shall be stockpiled or disposed of as directed by the Engineer. All material to be stockpiled shall be taken to a site designated by the Engineer. The Contractor shall be responsible for disposal of material not designated for stockpiling
- Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.
- Excavation by blasting is prohibited, except when permitted in writing by the Engineer for extreme cases of hardship where conventional pneumatic methods fail.
- The contractor shall be responsible for verification of the exact locations of all existing utilities in the field. The Contractor shall bear all cost for damages done unto the affected utilities.

COUNTY DEPARTMENT OF WATER SUPPLY NOTES

- All Work shall conform to the Department of Water Supply's (DWS) "Water System Standards", Volumes I and II, dated 1985, as amended.
- Contractor's attention is called to DWS Standard Details 3, 9, 13 and 22 which require concrete slabs for valve frames and boxes.
- All solder and flux shall contain not more than 0.2 percent lead.
- The pipe cushion material for copper pipes shall be no. 4 fine manufactured sand, as specified in "Water System Standards" Volume I, Part III, Section 2.2.2, Paragraph c2.

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

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GENERAL NOTES AKONI PULE HIGHWAY SHOULDER IMPROVEMENTS MAHUKONA TOWARDS KAWAIIHAE F.A. PROJECT NO. STP-0270(13) Date: April, 1997 SHEET No. 1 OF 1 SHEETS
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