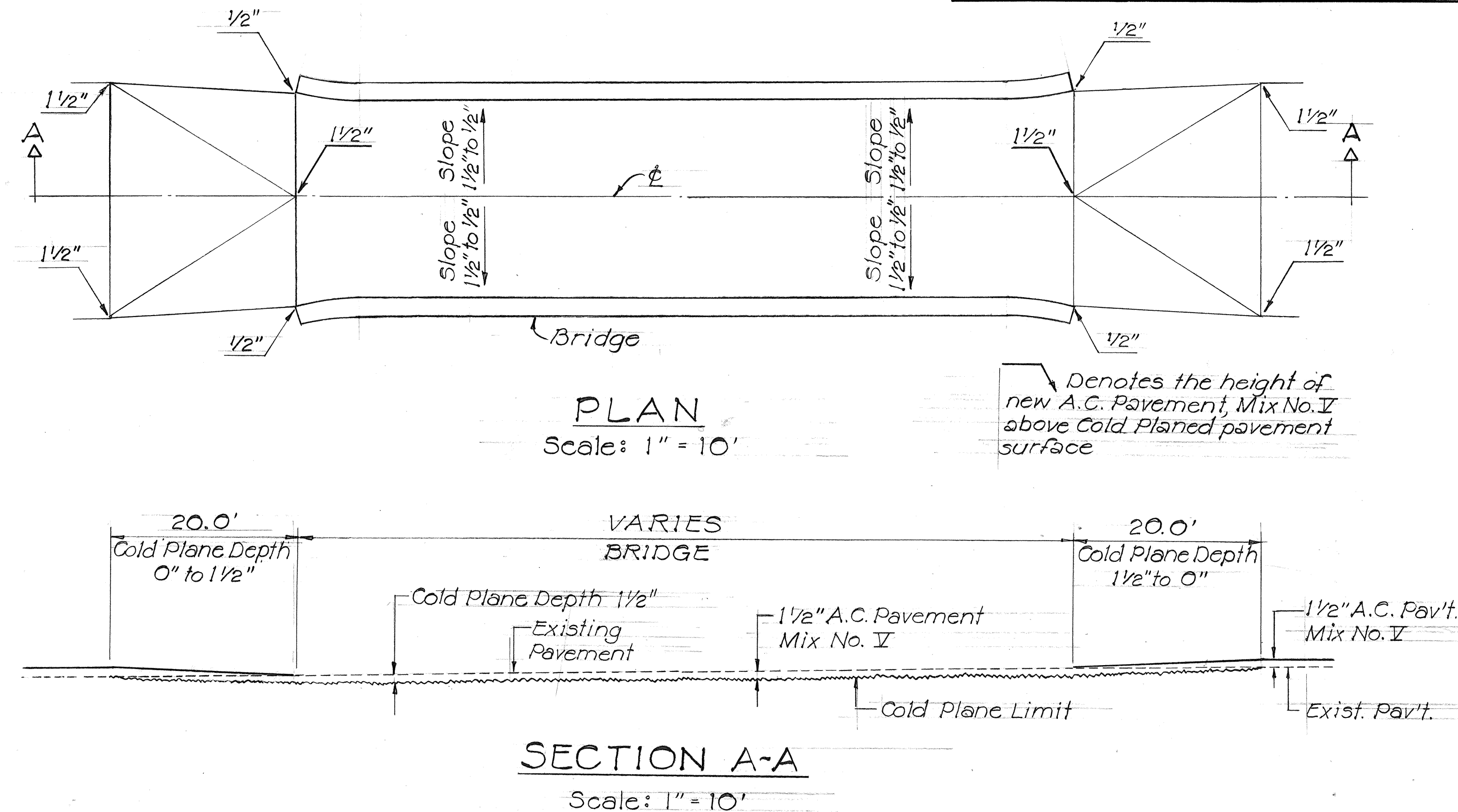


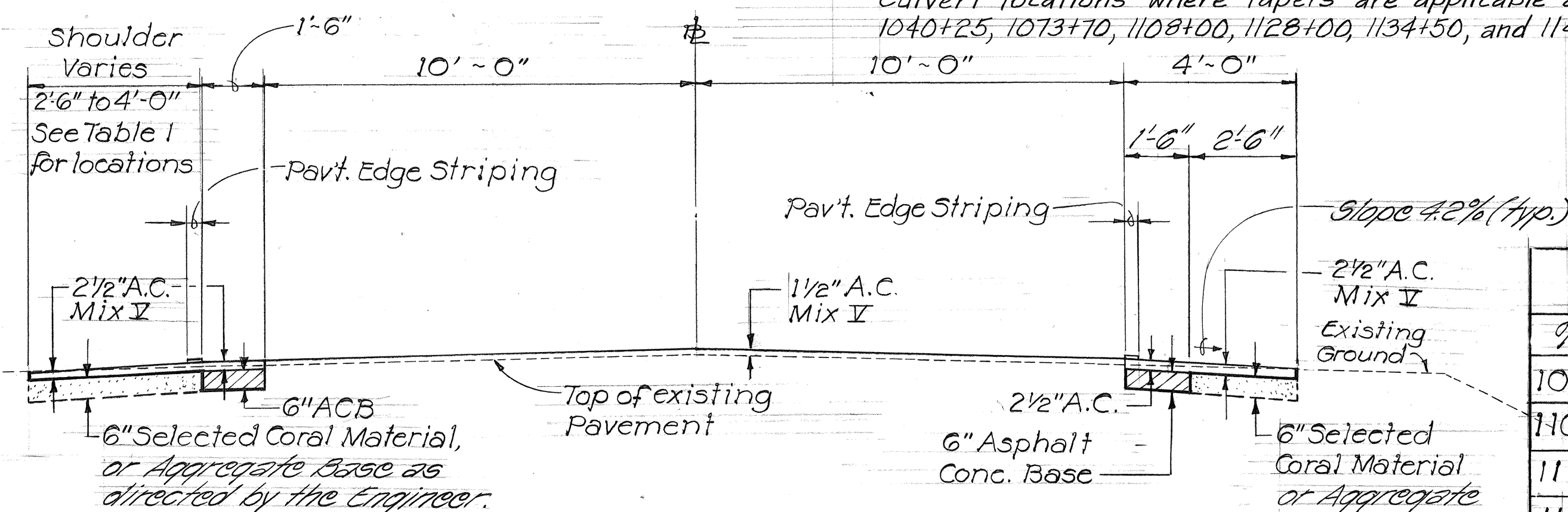
GENERAL NOTES

- This project begins from Kahana Bay at Baseline Station 907+00 and extends to Hauula Homestead Road, ending at Baseline Station 1200+06.06. Improvements consist of resurfacing with asphalt concrete, reconstructing weakened pavement areas with plant mix (or recycled plant mix) asphalt concrete base course, widening roadway, shoulder improvements, adjusting existing manhole frames and covers, installing pavement markers, and pavement striping. The length of the project is 4.4 miles.
- The existing pavement shall be prepared for resurfacing by brooming and tack coating. All cracks, depressions and holes encountered in the existing pavement shall be cleaned of loose material and filled and compacted with Mix No. V asphalt concrete prior to resurfacing with asphalt concrete. Cost shall be considered incidental to placing of asphalt concrete Mix No. V.
- The prepared surface shall be resurfaced to 1 1/2" thickness of A.C. Mix from the Beginning of Project to Sta. 1200+06.06. The width of resurfacing is 23'±.
- Smooth riding transitions shall be provided at all paved roadway connections, including approximately 30 paved driveways, and at bridges within the roadway R/W. Smooth riding connections shall also be constructed at the beginning and ending of the project as directed by The Engineer. Payment for making smooth connection shall be made under Asphalt Concrete Pavement, Mix No. V.
- Maintenance of traffic through the construction area shall be in accordance with Part II of the "Manual on Uniform Traffic Control Devices for Streets and Highways," Federal Highway Administration (1978) and as specified in the Special Provisions. The Contractor shall furnish and maintain adequate barricades, blinkers, construction signs, etc., for the safety of the motoring public. (Cost incidental to other items of work.)
- Before paving, the Contractor shall reference all existing manholes in a manner satisfactory to the Engineer. The Contractor shall notify all applicable utility agencies and/or companies prior to beginning paving operations. These shall be considered as incidental to asphalt concrete pavement and no separate payment shall be made.
- The Contractor shall stake out the locations of the pavement markings and shall furnish, deliver and install the pavement markers and striping in accordance with the special provisions and as shown on the plans.
- The Contractor shall keep one lane open to traffic during his working hours. All lanes shall be open to traffic during his non-working hours as specified in the special provisions.
- The exact location and linear dimensions of pavement reconstruction shall be determined in the field by the Engineer.
- Cold plane 1 1/2" over all bridges as shown by details on this sheet.
- During excavation the Contractor shall use caution so as not to disturb any underground facilities (sewer lines, water lines etc.) within the roadway.
- All cold planed sections of roadway shall be paved before they are opened to the public. The Contractor shall be required to pave the full travelway or total width of roadway so as not to leave a hazardous longitudinal drop. Any transverse drop must be tapered to provide a smooth riding condition.
- All excavated sections of reconstructed roadway shall be filled and compacted within the working day, during the specified hours of lane closure.
- All A.C. pavement removed shall be deemed unsalvageable and shall be disposed of by the Contractor.
- Shoulder widths shall be constructed as shown on the Typical Section except at locations of culvert headwalls, where 100' tapers to the headwalls will be constructed. Culvert locations where tapers are applicable are at Stations 1040+25, 1073+70, 1108+00, 1128+00, 1134+50, and 1140+00.



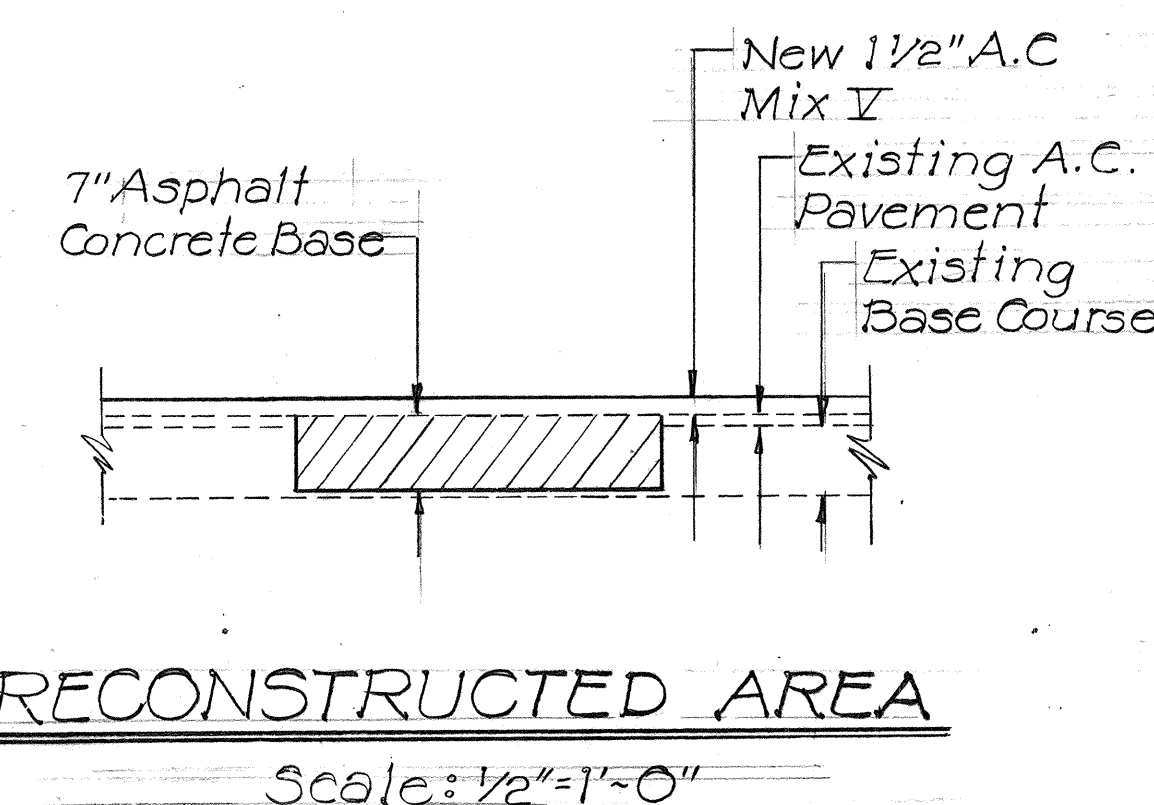
ROADWAY BRIDGES TO BE COLD PLANED	
NAME OF BRIDGE	APPROX. QUANTITIES (SQ. YD.)
South Punaluu Bridge	282 ±
North Punaluu Bridge	90 ±
Kaluanui Bridge	325 ±
Waimanana Bridge	163 ±
Maheili Bridge	120 ±

PAVING DETAIL OVER BRIDGES



STATION	SHOULDER WIDTH
907+00 ± to 1095+50	4' ~ 0"
1096+00 to 1103+00	2' ~ 6"
1103+50 to 1116+50	4' ~ 0"
1117+00 to 1123+50	2' ~ 6"
1124+00 to 1200+06.06	4' ~ 0"

TABLE 1



7/26/82	Increased Project Limits
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES
TYPICAL SECTIONS & DETAILS
KAMEHAMEHA HWY. RESURFACING
KAHANA BAY TO
HAUULA HOMESTEAD ROAD
PROJECT NO. 83DEF-01-82M
Scale: As Shown

SHEET NO. OF SHEETS