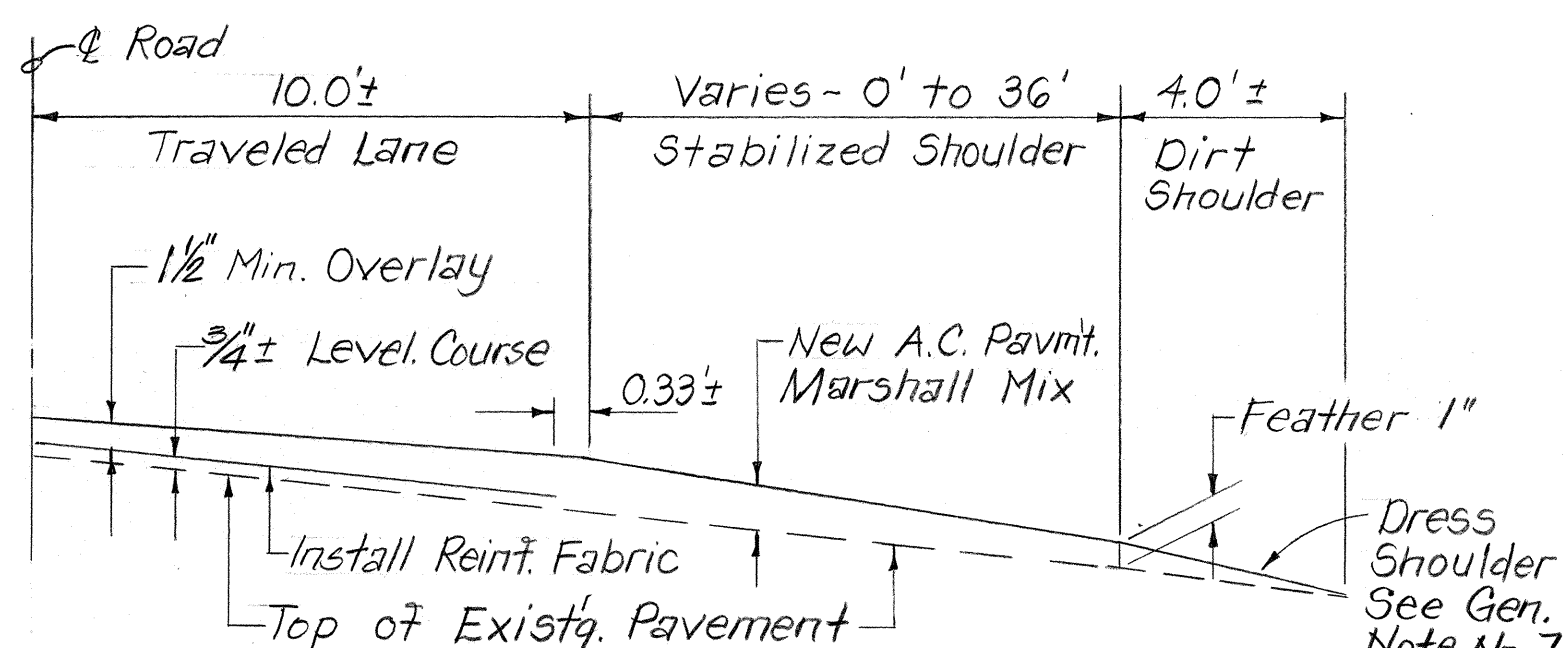
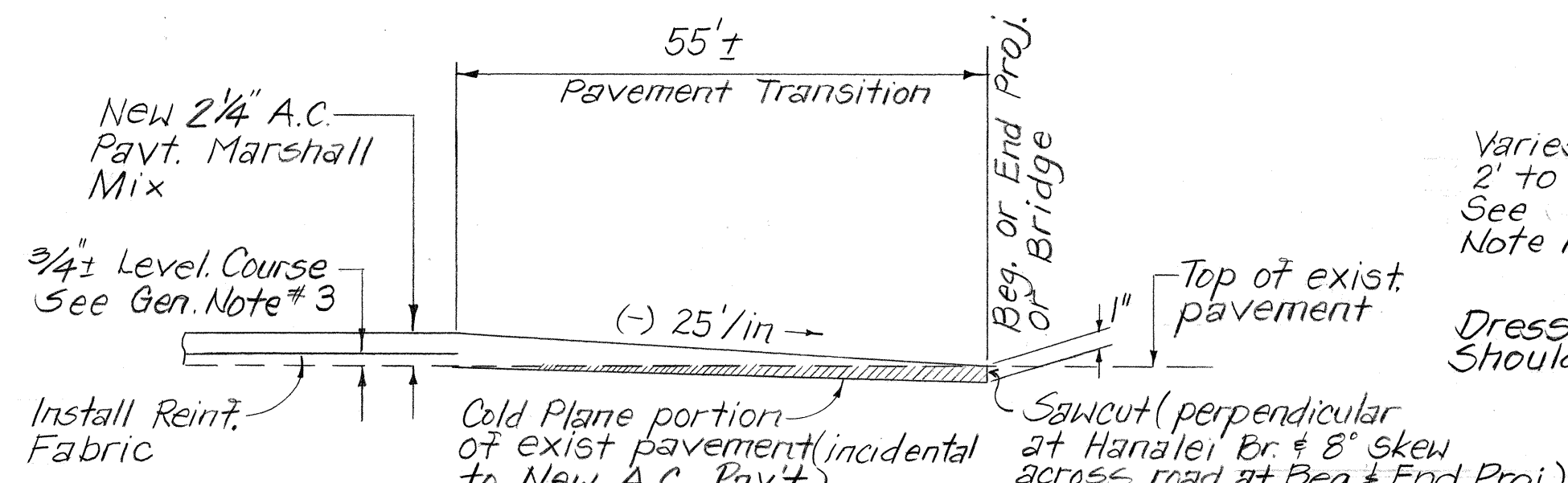


GENERAL NOTES:

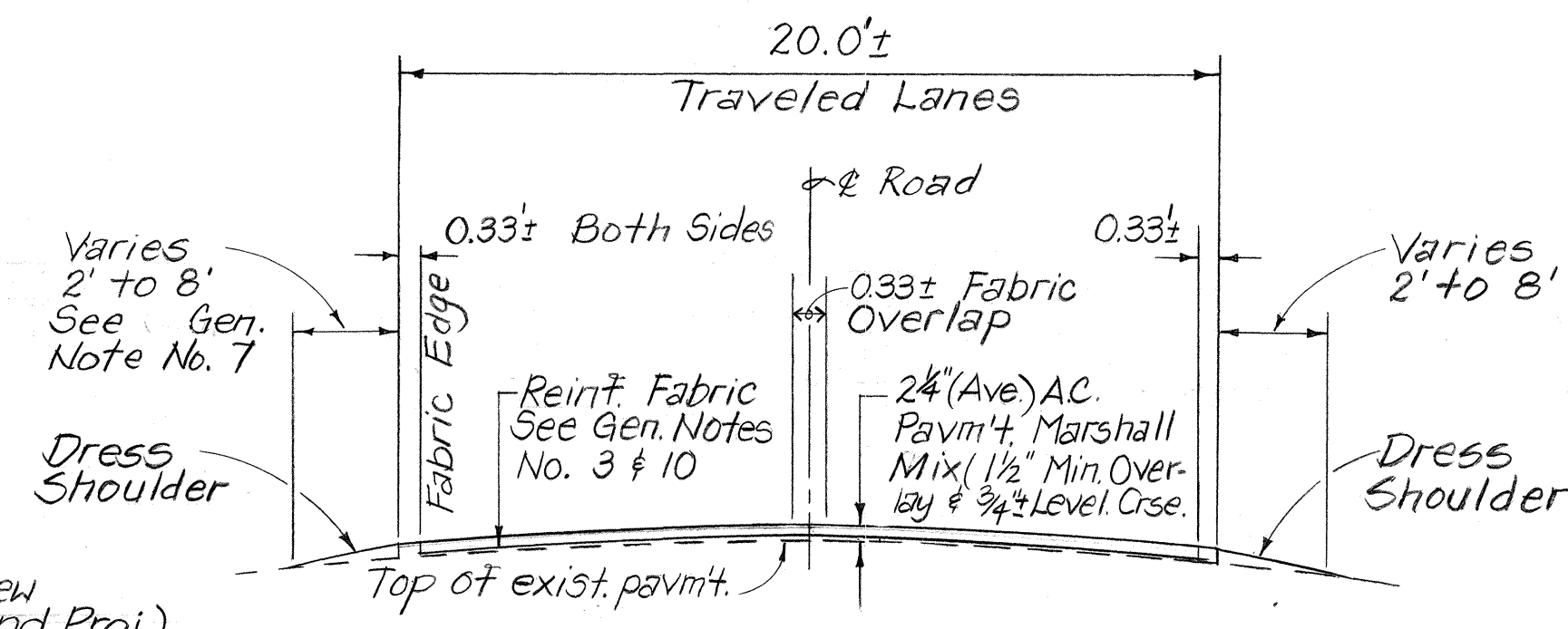
- 1- Scope of Work: Resurfacing, installing pavement reinforcing fabric and pavement markers, pavement striping and dressing of shoulders.
- 2- All lanes shall be open to traffic during the morning peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 5:30 P.M. and during off work hours. Only one lane of Highway shall be closed at any other time. Failure of the Contractor to open lanes to traffic during the above peak hours shall result in assessment of liquidated damages as specified in Section 108.06 of the Special Provisions.
- 3- All Potholes, Depressions, Cracks and Wheel Ruts shall be cleaned, then filled and compacted with $\frac{3}{4}$ " leveling course of Asphalt Concrete Pavement Marshall Mix preceding laying of Reinforcing Fabric. This work will be measured and paid for as provided under Item No. 401.0600 Asphalt Concrete Pavement Marshall Mix. Laying of Reinforcing Fabric will be paid for under Item No. 420.0100 Pavement Reinforcing Fabric.
- 4- Existing Raised Pavement Markers shall be removed from the entire area to be resurfaced by such method that will cause the least possible damage to the pavement. This work will not be measured for payment but shall be considered incidental to various contract items.
- 5- Existing wearing surfaces indicated in Typical Section varies. Surfaces indicated are typical and not intended to represent any specific location.
- 6- "Brooming Off" and grading of the edges of the existing surface prior to resurfacing will not be measured or paid for separately but shall be considered incidental to Asphalt Concrete Pavement Marshall Mix.
- 7- Dress dirt shoulders by clearing, grubbing and backfilling with suitable earth material as directed by the Engineer in the field. Backfill material shall be compacted to conform to existing ground. Dressing of shoulders shall be considered incidental to Asphalt Concrete Pavement Marshall Mix.
- 8- The Contractor shall be held liable for any damages incurred to existing utility facilities as a result of his operations. All damaged portions shall be repaired and/or replaced immediately in accordance with the Standards and Specifications of the State and/or the affected Utility Company. On any unreasonable delay by the Contractor, the State shall repair said damages and bill the Contractor.
- 9- Maximum allowable gross load on Hanalei Bridge is 15 tons.
- 10- Placement of Reinforcing Fabric will not be required on transitions at the Beginning and End of Project and at bridge approaches.
- 11- If it is necessary to run public traffic over roadways soon after the paving operations, the Contractor shall install temporary pavement marking tape and raised pavement markers as directed by the Engineer. For additional requirements, refer to Section 629 of the Standard Specifications and Special Provisions. This work shall be considered incidental to various contract items and therefore no separate payment will be made.
- 12- Provide smooth riding connections from the new pavement overlay to the existing pavement at the Beginning and End of Project, and to Bridge Structure according to Typical Section, to R/W line for County approaches and to edge of shoulder (8' max) for paved private approaches.



TYPICAL SECTION C LOOKOUT AREAS
N.T.S.



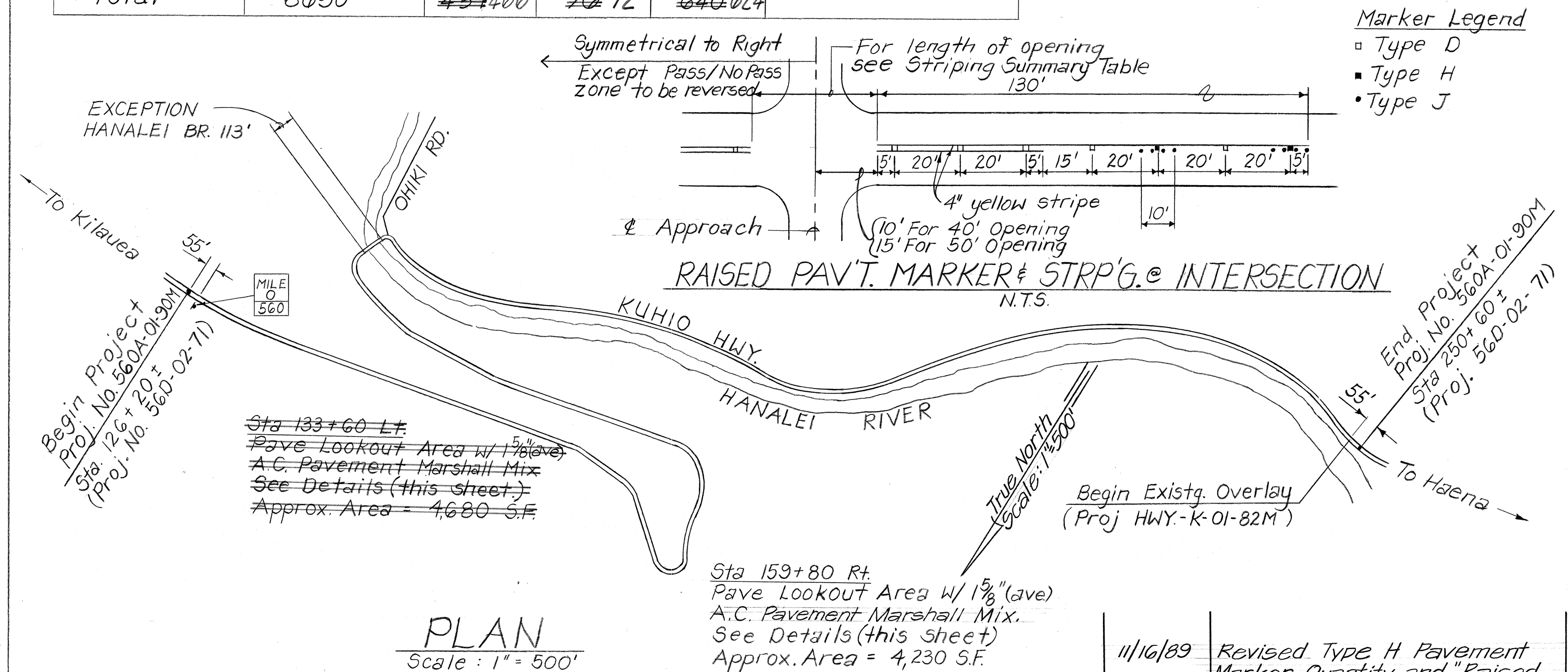
LONGITUDINAL SECTION OF PAVEMENT TRANSITION
N.T.S.



TYPICAL ROADWAY SECTION
N.T.S.

SUMMARY - STRIPING AND RAISED PAVEMENT MARKERS

Station	Striping L.F.	Pavement Markers, EA.			Zone
		Type D	Type H	Type J	
126+20 - 130+00	380	20 21			No Pass
130+00 - 130+50		2			40' Opening Shop Center Road
130+50 - 130+90	40	3 4			No Pass
130+90 - 131+70	80	2	1	8	No Pass / Pass
131+70 - 144+50		3 34	14	120	Pass
144+50 - 146+90	240	12			No Pass
146+90 - 147+50	60	4 5			No Pass
147+50 - 148+10		2			50' Opening, Hanalei Pltn. Road
148+10 - 167+50	1940	30 100			No Pass
167+50 - 173+70	620	16	5 7	60	No Pass / Pass
173+70 - 179+50	580	15	6	56	Pass / No Pass
179+50 - 189+50	1000	5 52			No Pass
189+50 - 191+50					200' Opening, Hanalei Bridge & Approaches
191+50 - 196+30	480	25 26			No Pass
196+30 - 201+10	480	12	2 5	44	No Pass / Pass
201+10 - 205+10	400	2 22			No Pass
205+10 - 207+50	240	6			No Pass
207+50 - 208+70	120	3	1	12	Pass / No Pass
208+70 - 211+10	240	6	2	20	Pass / No Pass
211+10 - 218+50	740	3 30			No Pass
218+50 - 226+10	760	19	9	76	No Pass / Pass
226+10 - 247+70		5 55	25	2 208	Pass
247+70 - 249+70	200	5	2	20	Pass / No Pass
249+70 - 250+60	90	8			No Pass
Total	8600	45 466	70 72	640 624	



Marker Legend
 □ Type D
 ■ Type H
 • Type J

PAVEMENT MARKING NOTES:

- 1- Location of new pavement markers shall be staked out in the field by the Contractor for approval by the Engineer prior to installation.
- 2- All striping and raised pavement markers shall be installed in accordance with the Standard Plans of the Department.
- 3- All pavement striping, except stop bars, shall be painted.
- 4- Stop bars shall be taped.

ESTIMATED QUANTITIES:

Sta. 126+20 to Sta. 250+60
 Reinforcing Fabric = 26,004 S.F.
 SS-1 Tack Coat = 3,806.13 4,369 Gal.
 A.C. Pavt. Marshall Mix = 3,698 Tons
 Striping (Paint) = 55 48 Gal.
 Stop Lines (Tape) = 25 30 L.F.

For Raised Pavement Markers see Summary Table this sheet.

11/16/89	Revised Type H Pavement Marker Quantity and "Raised Pavement Marker and Striping at Intersection" detail per Addendum No. 1
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

KUHIO HWY. RESURFACING
 PRINCEVILLE TO HANAIEI TOWN

PROJ. No. 560A-01-90M

General & Pavement Mark'g Notes, Plan, Sections, Details & Estimated Quantities
 Scale: As Shown Date: July, 1989

SHEET No. 1 OF 1 SHEETS