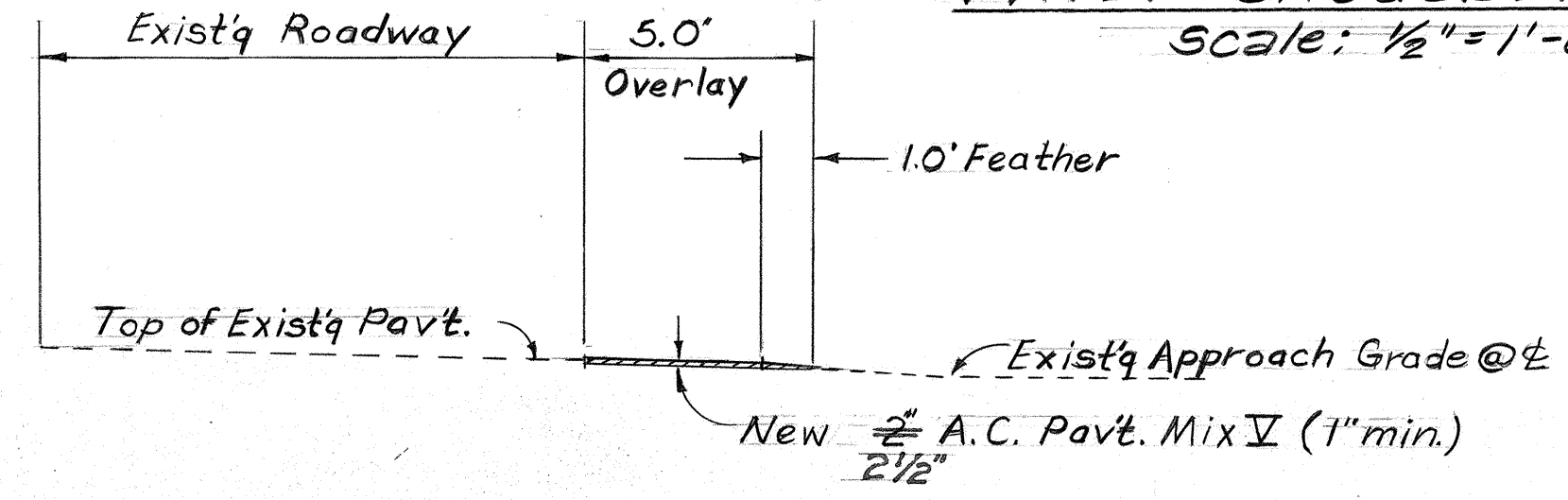
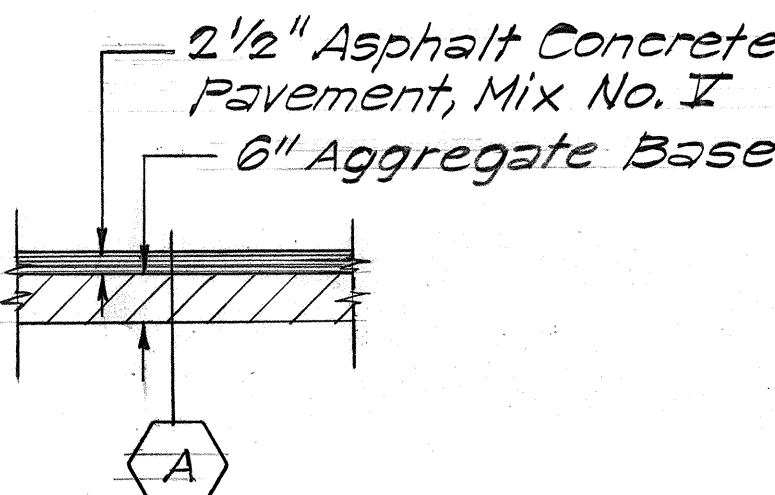
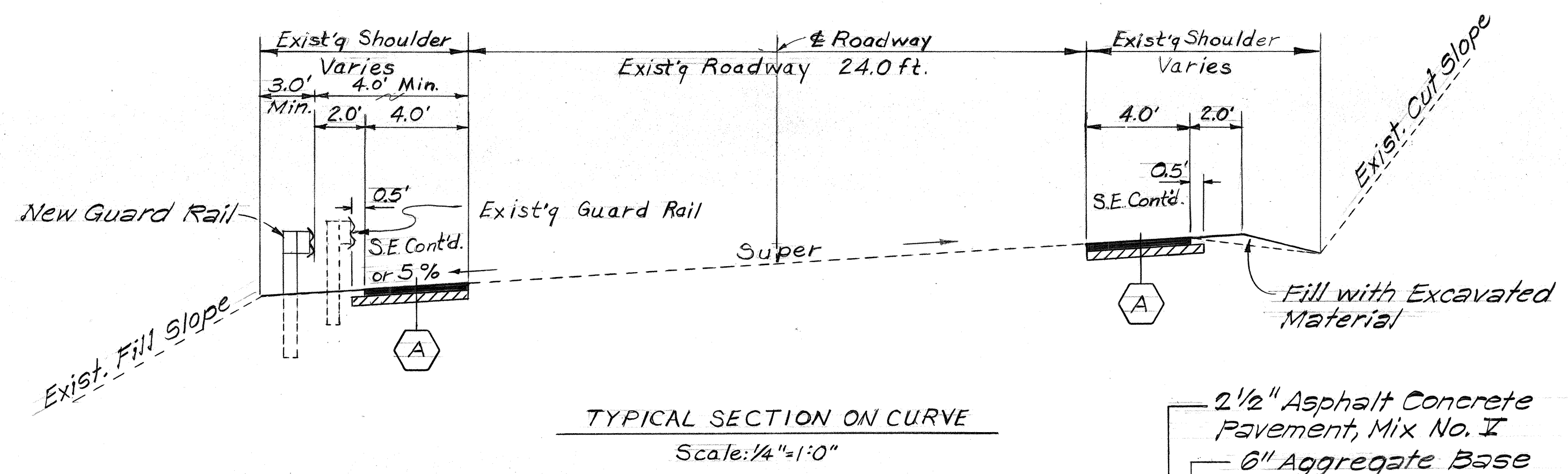
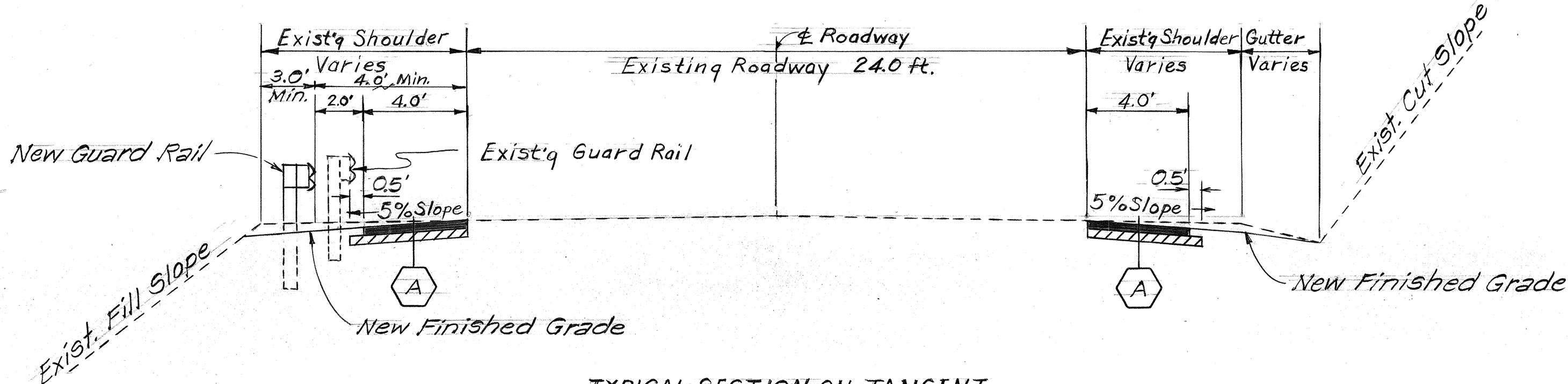


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ROS-050-1(3)	1979	2	10

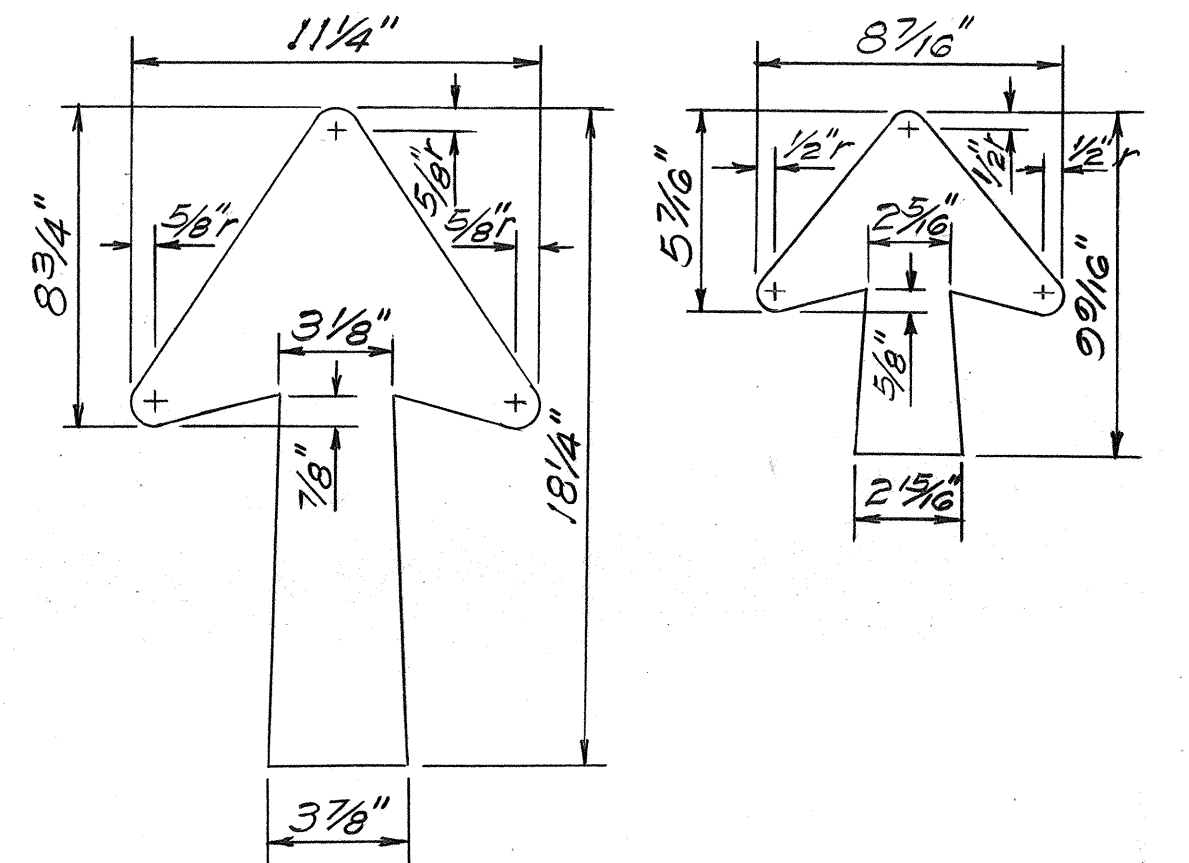
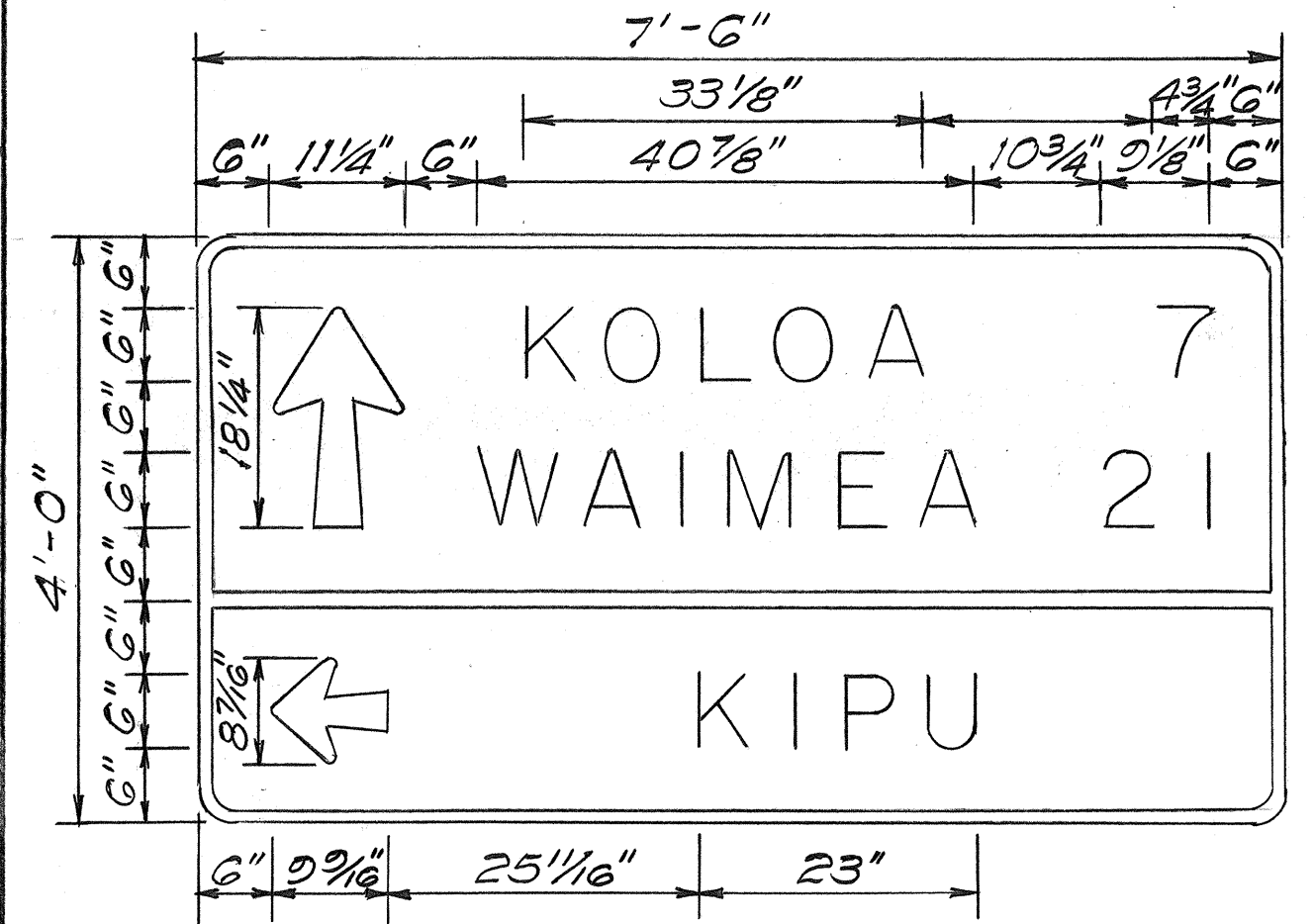


GENERAL NOTES:

- 1.- All lanes shall be open to traffic during the morning peak hours from 6:30 a.m. to 8:00 a.m. and during the afternoon peak hours from 3:30 p.m. to 5:00 p.m. and during off work hours. Only one lane of Highways shall be closed at any other time.
- 2.- Minimum shoulder slope shall be 5%. When super slope is equal to or greater than 5%, the shoulder slope shall be the same as the rate of super. This rate applies only to the shoulder on the lower side of the super.
- 3.- Existing shoulders beyond stabilized shoulders shall be trimmed and dressed. Trimming and dressing shoulders shall include but not limited to clearing, grubbing, backfilling, grading and compacting the shoulder area. This work shall not be paid for directly but shall be considered incidental to the various contract items.
- 4.- Any damage to the existing pavement section by the Contractor shall be repaired at his expense and to the satisfaction of the Engineer.
- 5.- Shoulders to be stabilized shown as hatched lines.
- 6.- The Contractor shall lay out and install Type A Pavement Markers @ 5' o.c. along both edges of the existing pavement. The locations shall be determined in the field by the Engineer. This work shall be done after the shoulders have been stabilized.
- 7.- Abbreviation "G.R." denotes guard rail.
- 8.- No material or equipment shall be stockpiled or parked within the Highway Rights of Way except at locations designated by the Engineer.
- 9.- No existing Guard Rails or Guide Posts shall be removed more than 300 feet in advance of the installed Guard Rails. (See Note 15)
- 10.- Contractor shall verify all utilities prior to commencement of any construction activities.
- 11.- All rails and posts removed including hardware shall become the property of the Contractor. Work required to remove or demolish guard rails or guide post will not be measured or paid for directly but shall be considered incidental to the Item No. 606.3110.
- 12.- All depressions and holes resulting from the removal of existing concrete and wood posts shall be properly backfilled and compacted. Payment for this work shall be considered incidental to "Item No. 606.3110".
- 13.- BCT payment length is not included in note "Install Guard Rail..... L.F."
- 14.- Tack coat will be considered incidental to Asphalt Concrete Pavement, Mix No. I.
- 15.- No open sections of guard rail will be permitted after daily work ceases. All existing and new guard rails to be functional during non-working hours.

NOTES:

1. Sign message shall be lettered in upper case according to "Standard Alphabets for Highway Signs" Bureau of Public Roads, 1966. Use Series "E" modified letters unless otherwise noted.
2. Arrows shall conform with details as shown on plans.
3. All borders shall conform with details as shown on plans.
4. Letters, numerals, symbols and borders shall be reflectorized white.
5. Background shall be reflectorized green.
6. Sign shall be made with 0.063 sheet aluminum to be overlaid on existing sign panel with aluminum blind rivets at minimum spacing of 1'-0" o.c. throughout with 3" edge clearance.



SIGN D-12 DETAILS AND NOTES

NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
KAUMUALII HWY. SAFETY
IMPROVEMENTS FROM PUHI RD.
TOWARDS MALUHIA RD.
PROJECT NO. ROS-050-1(3)
TYPICAL SECTION, SIGN D-12
& GENERAL NOTES
Scale: As Shown July, 1978
SHEET No. 1 OF 1 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____