

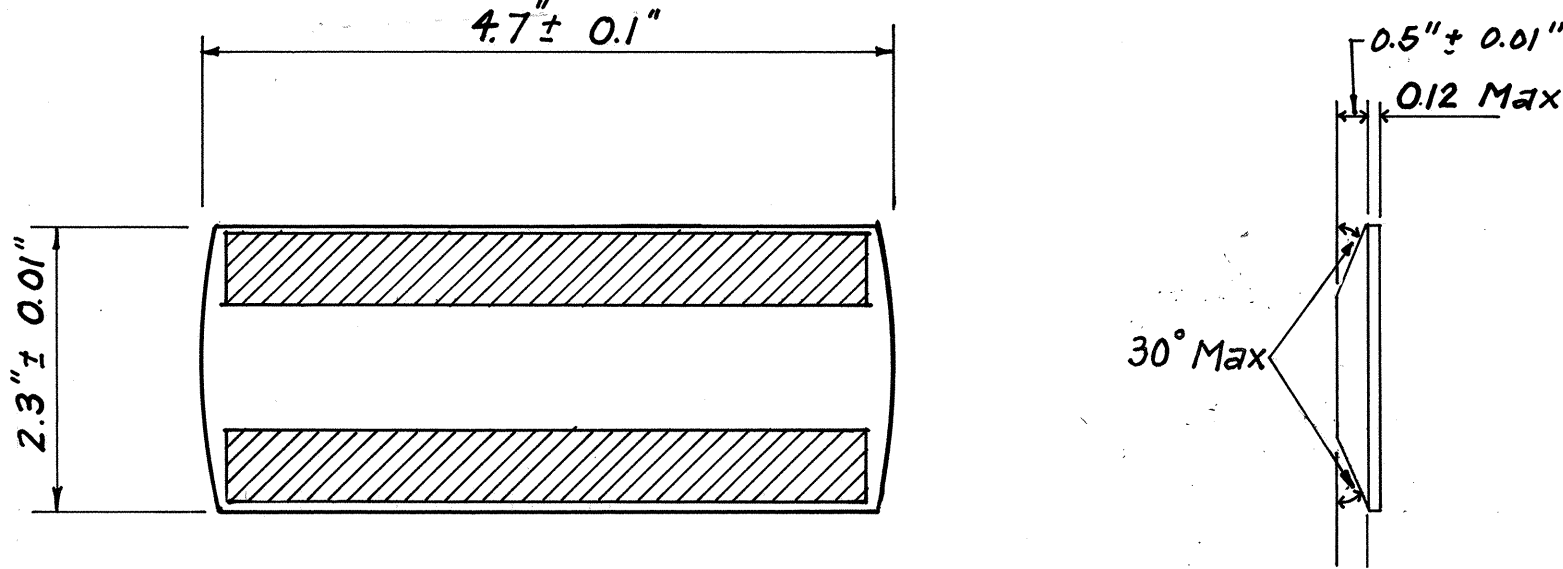
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-90M	1990	3	6

GENERAL NOTES:

- Scope of Work: Resurfacing, Cold Planing of existing pavement, installing Reinforcing Fabric, Raised Pavement Markers and Pavement Markings, Pavement Striping, Constructing & Reconstructing street survey monuments and adjusting manhole and Valve Box Covers.
- All Potholes, Depressions, Cracks and Wheel Ruts shall be cleaned, then Filled and compacted with 4" leveling course of Asphalt Concrete Pavement Marshall Mix preceeding laying of reinforcing Fabric(see Typical Section). 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 420.0100 Pavement Reinforcing Fabric.
- 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.
- Provide smooth riding connections from the new pavement overlay to the existing pavement at the Beginning and End of Project, to Bridge Structure according to Typical Sections and to Right of Way line for County and paved private approaches.
- "Brooming Off" and grading of the edge of existing surface prior to resurfacing will not be measured or paid for separately but shall be considered incidental to Asphalt Pavement Marshall Mix.
- The Contractor shall be held liable for any Damages incurred to Existing Utility Facilities as a result of his operation. All damages shall be repaired and/or replaced immediately in accordance to the Standards and Specifications of the State and/or affected Utility Company. On any unreasonable delay by the Contractor the State shall repair said damages and Bill the Contractor.
- All lanes shall be opened 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 108.08 of the Special Provisions.
- Existing Wearing surfaces indicated in Typical Sections varies. Surface indicated are Typical and not intended to represent any Specific location.
- If it is necessary to run public traffic over roadways after the paving operations, the Contractor shall install temporary pavement marking tape and raised pavement marker as directed by the Engineer.
- The Contractor will be allowed to do night work only between the hours of 10:00 P.M. and 6:00 A.M. from Sunday to Friday, except Friday nights. All night work under this contract shall involve only the area between Baseline Sta 519+40 [Proj No. F12(14)] and Baseline Sta 45+55 (Proj No. 56A-01-74).
- Adjusting of Manhole and Valve Box Covers to new finish grade shall be done in accordance to the Standard Specifications For Waterworks Construction, Dept. of Water and to the Standard Specification for Public Works Construction, Dept. of Public Works, County of Kauai. Payment which shall include full compensation for removing, furnishing of additional materials needed and reinstalling complete in place, will be made at the Contract unit price per each as Specified in the proposal.
- Placement of Reinforcing Fabric will not be required on transition at the beginning and end project, bridge approaches and bridge structure.
- The exact limits of Reinforcing Fabric laydown of weakened pavement areas will be determined in the field by the Engineer.
- Existing Telephone and Cable T.V. Pull Boxes shall be adjusted by others.
- The existence and location of Underground Utilities, Manholes, Valve Box, Monuments and Structures as shown on the plans are from the latest available data, but the accuracy is not guaranteed.
- Trimming and dressing of shoulders shall include but not limited to clearing, grubbing, back filling, grading and compacting the shoulder area. This work shall not be paid for directly but shall be considered incidental to the various contract items.
- The Contractor's attention is directed to Subsection 107.13- Public Convenience and Safety; Section 645-Traffic Control; and Subsection 105.20- Night Work of the Special Provisions.

PAVEMENT MARKING NOTES:

- Staking and layout for pavement striping markings and markers shall be performed by the Contractor, except from Sta 519+40 to Sta 45+55 [F12(14)&56A-01-74] which will be done by the State. Layout in the field by the Contractor shall be approved by the Engineer prior to installations.
- All pavement striping, except Stop Bars, Crosswalks, parking lines and pavement arrows shall be painted.
- Pavement Arrows, Crosswalks, Parking Lines and Stop Bars shall be taped, Type I.
- Raised Pavement Markers shall not be placed within crosswalk.
- Staking performed by the contractor shall be considered incidental to the various items of work and no separte payment will be made.
- Details of Type C, Type D and Type H markers on Standard Plan No.'s TE-30, and TE-31 shall be deleted and replaced with details of Type CL, Type DL and Type HL Markers as shown on this sheet.



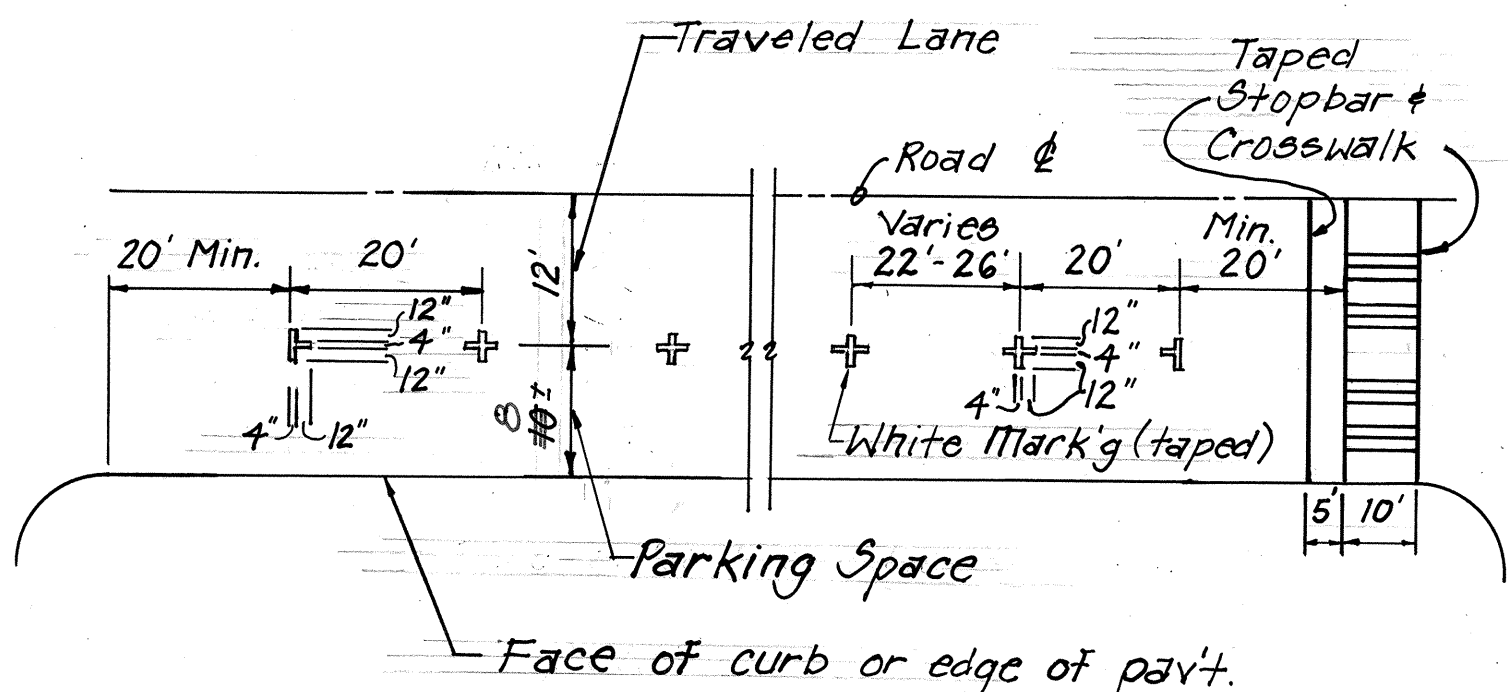
TYPE CL  
Red-Clear Reflective Marker

OR

TYPE DL  
Two Way Yellow Reflective Marker

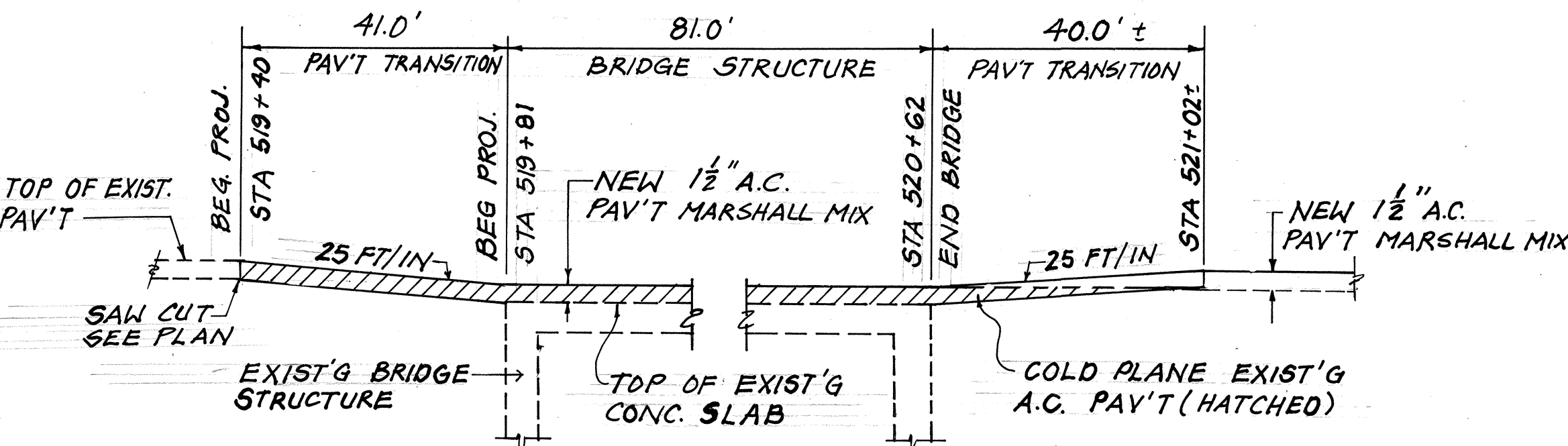
OR

TYPE HL  
One Way Yellow Reflective Marker



TYPICAL PARKING SPACE LAYOUT  
N.T.S.

DETAIL ~ RAISED PAV'T MARKERS  
N.T.S.



TYPICAL LONGITUDINAL SECTION OF PAVEMENT  
ON WAIKAEA BRIDGE & APPROACHES  
N.T.S.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL & PAVEMENT MARK'G  
NOTES, DETAILS & SECTIONS**

**KUHIO HWY. RESURFACING  
KAPAA TO KEALIA**

**PROJECT NO. 56A-03-90M**

Scale: As Ntd. Date: Oct. 1989

**SHEET NO. 1 OF 1 SHEETS**