

Diagram illustrating the cross-section of a proposed 2 1/2" A.C. Pavement structure, showing lane widths, shoulders, and existing features.

Proposed Pavement Structure (New 2 1/2" A.C. Pavement Mix No. IV):

- Left Side (from gutter):** 7'-0" (Shoulder), 4'-10" (Paved Shldr., Varies), 12'-0" (Thru Lane, Lahaina Bound), 4'-0" (Striped Median), 10'-0" (Left Turn Lane, divided into 3'-0" and 7'-0").
- Right Side (to gutter):** 12'-0" (Thru Lane, Kahului Bound), 4'-10" (Paved Shldr., Varies), 7'-0" (Shoulder).

Existing Features:

- existing concrete gutter (where occurs):** Located at the far left and right edges.
- existing pavement structure:** Located beneath the proposed pavement.

Dimensions and Slopes:

- Varies 0'-14' (See Plan):** Dimension for the central section.
- Varies:** Dimension for the paved shoulders.
- Slopes:** 1.5% (main pavement), 5% (shoulders).

Notes:

- See Detail "A" (indicated at the bottom left and right).



Plan view of a road section showing a new 2 1/2 inch A.C. Pavement Mix IV overlay. The section includes a 2'-0 inch minimum dressed shoulder, a break point, and a 12 inch gutter. The pavement structure is shown with a 5% slope on the left and a 1.5% slope on the right. The existing concrete gutter is shown on the right side. The section is divided into four segments: 10'-0 inch, 12'-0 inch, 12'-0 inch, and 10'-0 inch. The centerline is marked with a cross symbol.

ELEVATION

1. *After the guardrail posts are installed in the paved area, the Contractor shall grout around the guardrail post and seal all cracks in the paved area that was caused during the guardrail post installation. If required by the inspector/engineer, the Contractor shall tamper the paved area around the guardrail post prior to grouting. The cost for this work shall not be paid for separately, but shall be considered incidental to the various guardrail items.*
2. *When standards for the fill slope area cannot be met, a site specific, engineer approved design may be used.*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

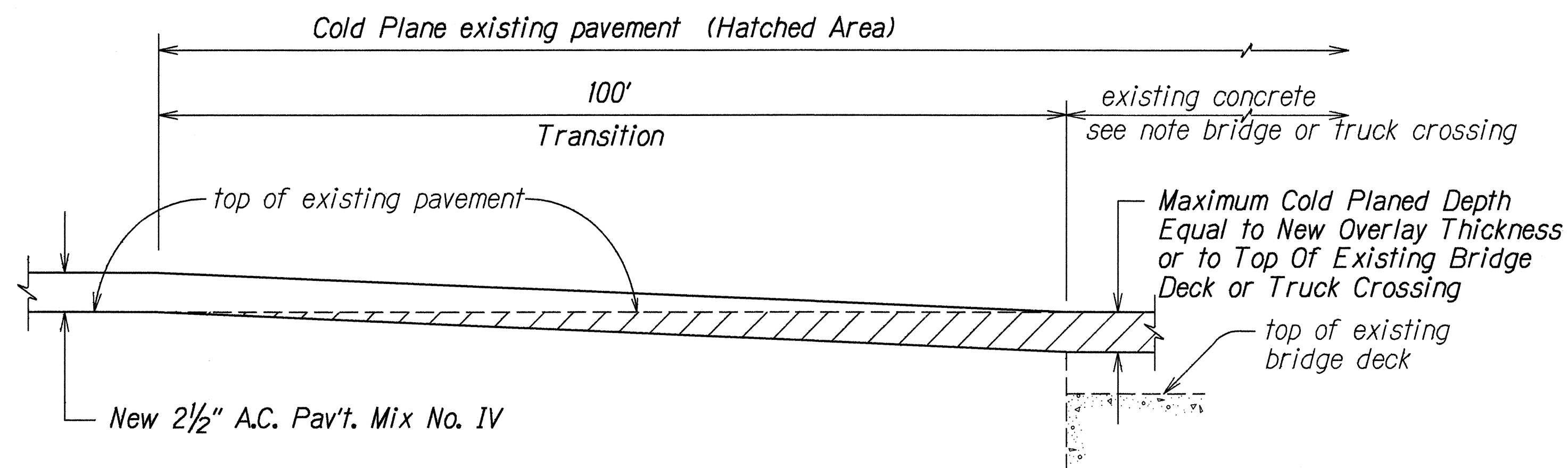
TYPICAL SECTIONS & DETAILS

KUIHELANI HIGHWAY RESURFACING
Honoapiilani Highway to Puunene Avenue
Project No. 380A-01-99M

Scale: As Shown Date: May, 1999

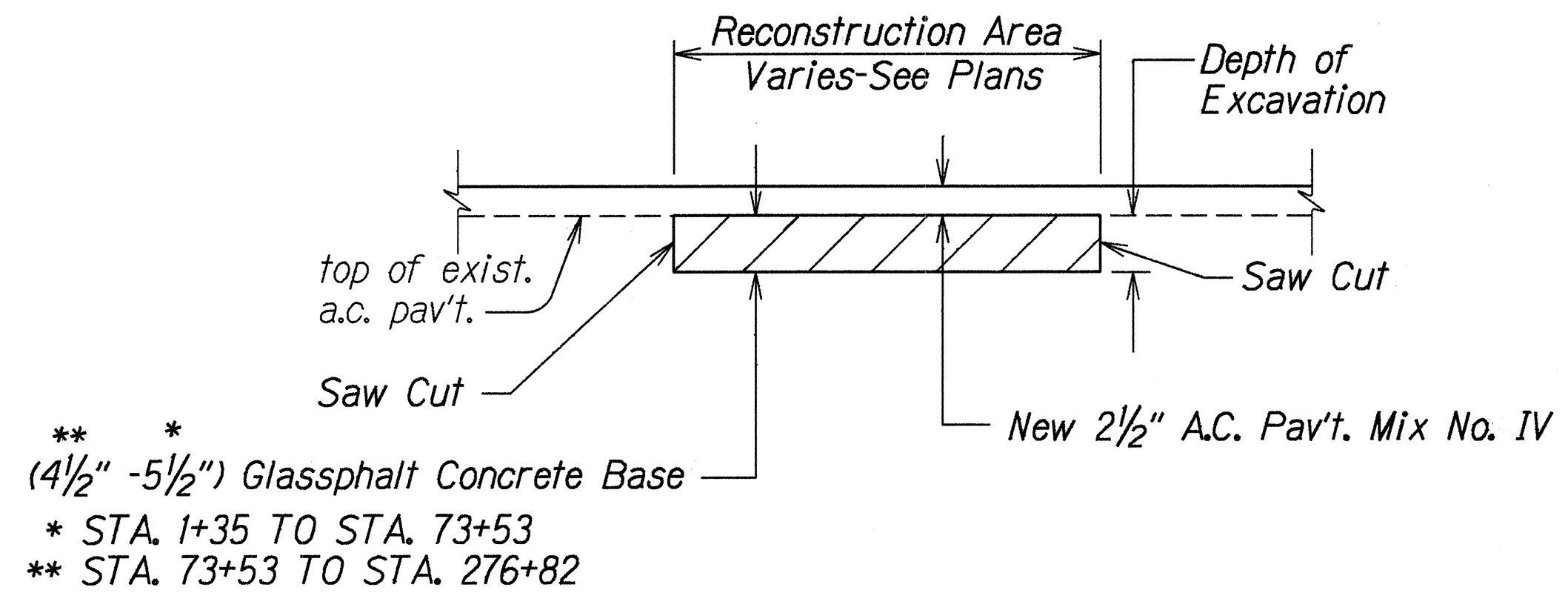
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	380A-01-99M	1999	5	22

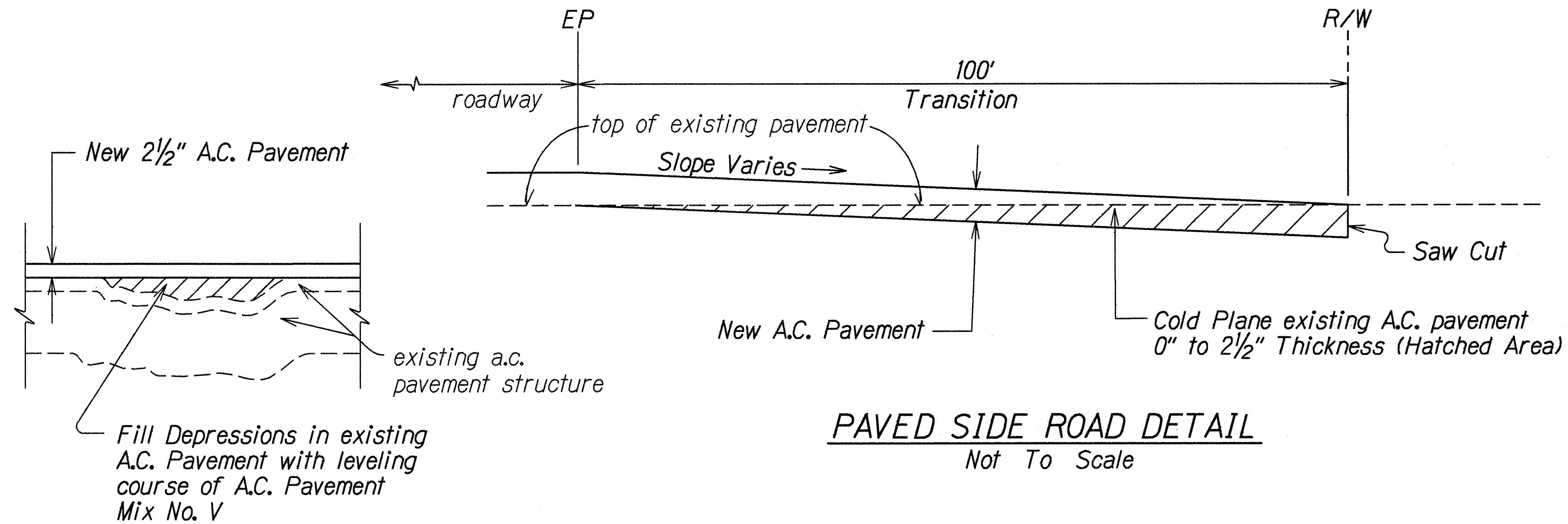


Note: In cold planing the pavement over the structure, the Contractor shall exercise care not to damage any portion of the structure, especially the slab, joints, drainage pipes or reinforcement. Any damage to the structure during the cold planing operations shall be repaired by the Contractor at his expense. Repair work shall be directed by the Engineer. The Contractor shall verify the thickness of the pavement by taking several measurements throughout the structure.

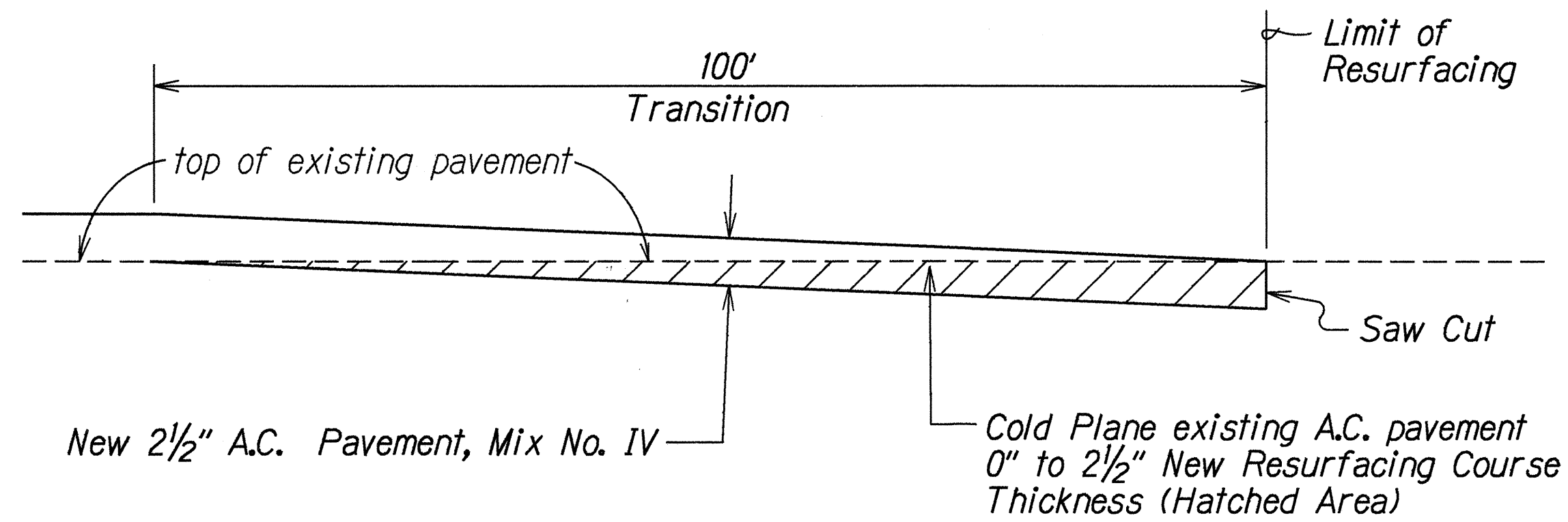
COLD PLANED TRANSITION AND RESURFACING OVER EXISTING STRUCTURE
Not to Scale



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not To Scale

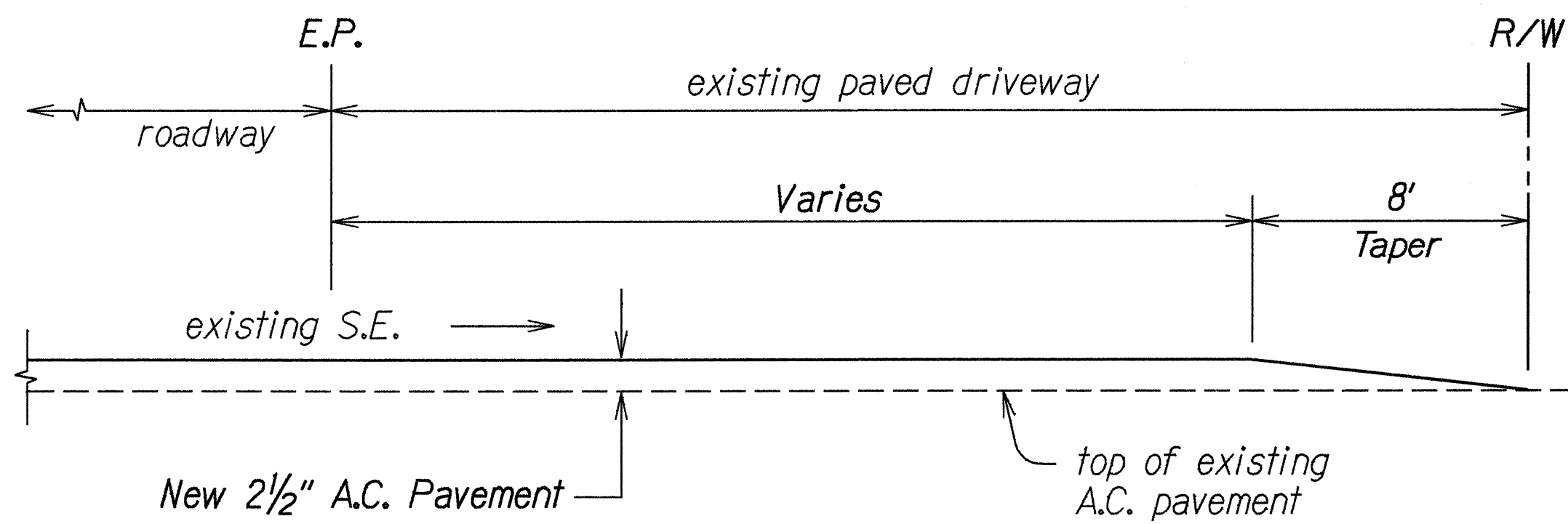


PAVED SIDE ROAD DETAIL
Not To Scale



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
Not To Scale

LEVELING COURSE DETAIL
Not To Scale



PAVED DRIVEWAY DETAIL
Not To Scale

DATE	May 1999
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
LOGS	
SKETCHES	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

KUIHELANI HIGHWAY RESURFACING
Honoapiʻilani Highway to Puunene Avenue
Project No. 380A-01-99M

Scale: As Shown Date: May, 1999

SHEET No. 2 OF 2 SHEETS