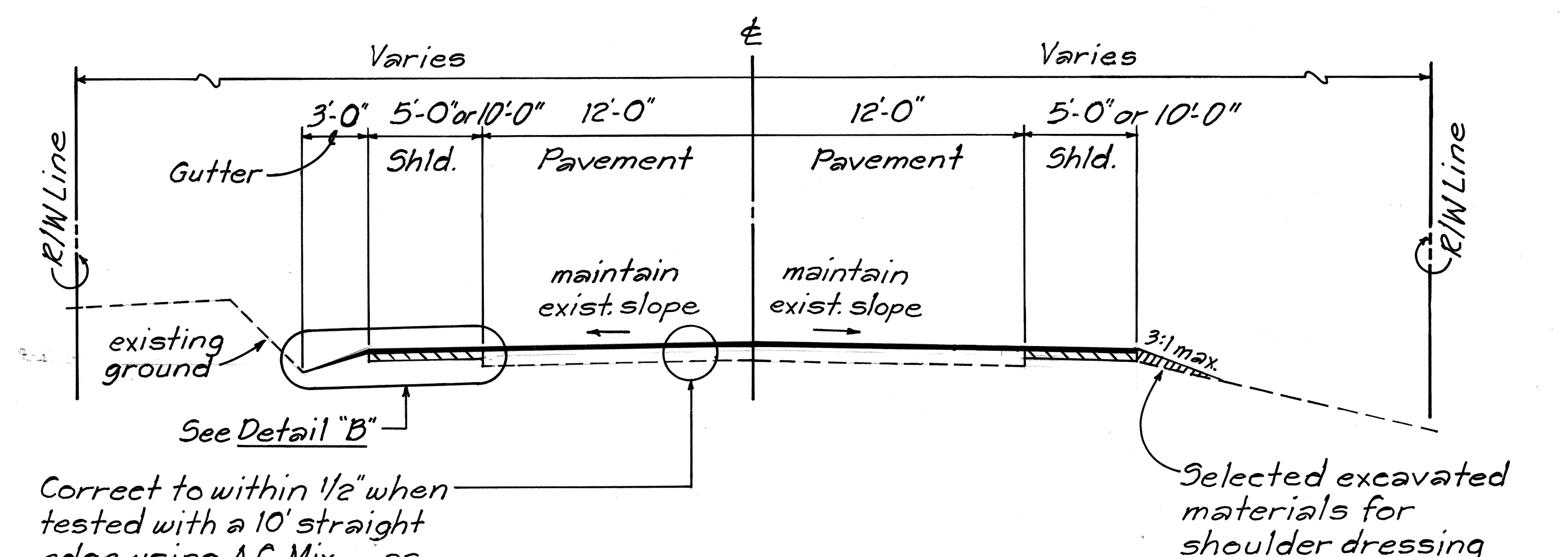


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-012-1(30)	1994	3	9

# GENERAL NOTES:

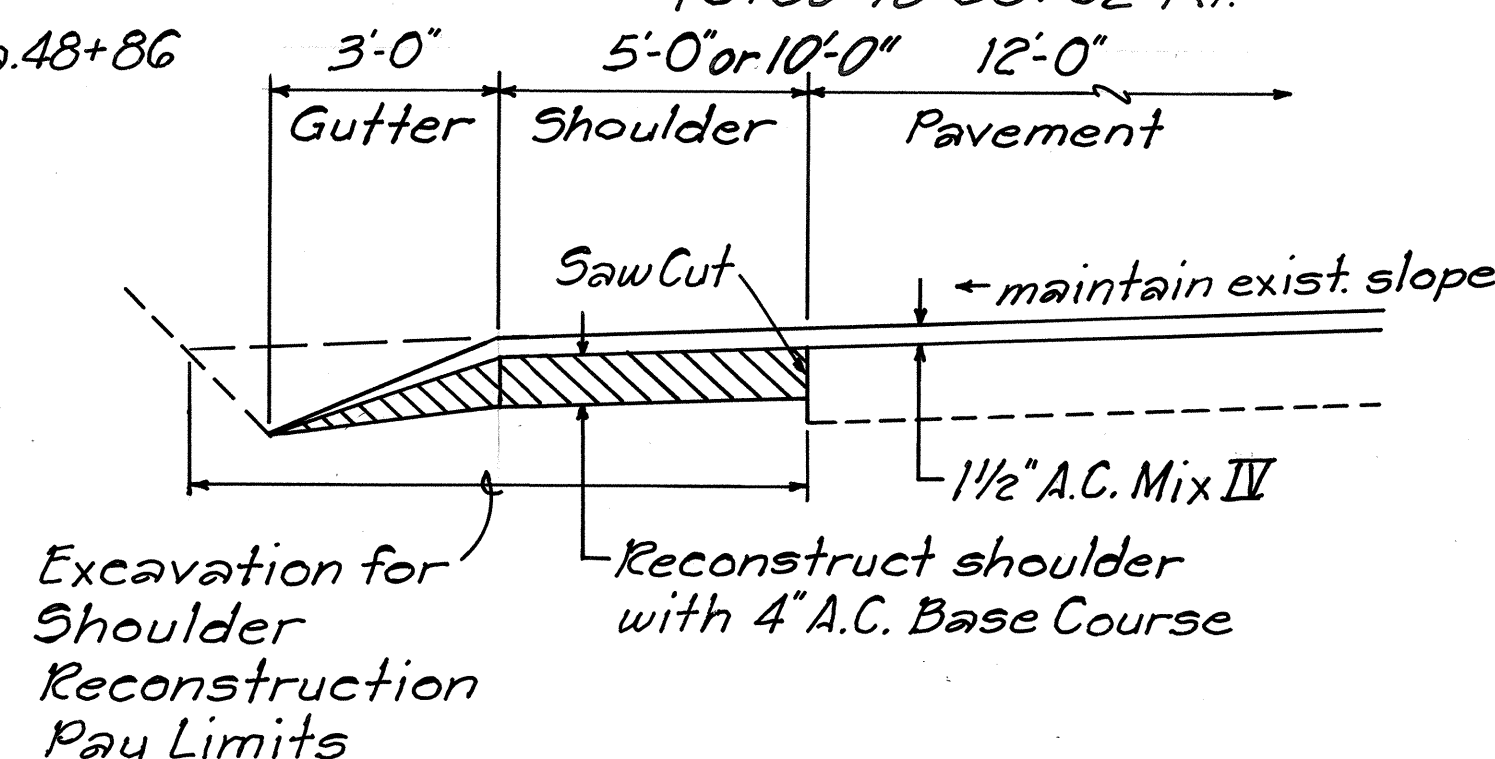
- Improvements consist of reconstructing weakened pavement areas and shoulders; leveling and resurfacing the existing pavement; adjusting and/or reconstructing reference survey monuments; adjusting manholes; replacing and installing signs and reflector markers; and installing pavement striping, markings and markers, Adjust Drop Inlets.
- Initial preparation of shoulder areas shall be done by the Contractor. Contractor shall be responsible for finish rolling and maintaining the shoulders thereafter. This work shall be considered incidental to Item No. 401.0400-Asphalt Concrete Pavement, Mix No. IV.
- The exact locations and limits of areas to be reconstructed shall be determined in the field by the Engineer.
- Existing Thermoplastic Extrusion Pavement Markings and Preformed Pavement Marking Tape shall be removed prior to resurfacing. Removal shall be by scraping, grinding or other method approved by the Engineer. Payment shall be incidental to Item No. 401.0400-Asphalt Concrete Pavement, Mix No. IV.
- Asphalt Concrete for leveling shall be paid for under Asphalt Concrete Pavement, Mix No. IV.
- Smooth and easy riding connections shall be constructed at the beginning and ending of project and at the ending of daily work.
- Contractor's attention is directed to Section 401.03 of the Special Provisions. All longitudinal and transverse tapers within the traveled way shall be removed prior to commencing and continuing of paving operations.
- All lanes shall be opened to traffic during morning peak hours from 6:00 a.m. to 8:00 a.m. and during afternoon peak hours from 3:30 p.m. to 5:30 p.m. and during off-work hours or as directed by the Engineer. Only one lane of the highway shall be closed during Contractor's work hours.
- The Contractor is reminded of the requirement of subsection 108.01-Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13-Public Convenience and Safety, Subsection 107.21-Contractor's Responsibility for Utility Property and Services, Section 645-Traffic Control.
- Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract Items.
- All saw cutting work shall be considered incidental to Contract Items.
- Contractor shall maintain all Longitudinal Swales and Drainage, especially Mauka Side Drainage. This work shall be incidental to other contract Items.
- Cold Planed Material to be stockpiled at an area designated by the Engineer and shall become the property of the State
- ~~As indicated on the Plans, the existing Open Grade Asphalt Overlay between Stations 48+86 to 85+00 is to be Removed. Due to Surface Irregularities the Depth of the Removal will Vary. Contractor shall note that Item No. 652.0100 Cold Planing includes complete Removal of Open Graded Asphalt Overlay.~~
- Excavated shoulder material from Shoulder Reconstruction Activities will be used to Dress Shoulders and will be considered incidental to Item for Reconstruction of Shoulder Areas.



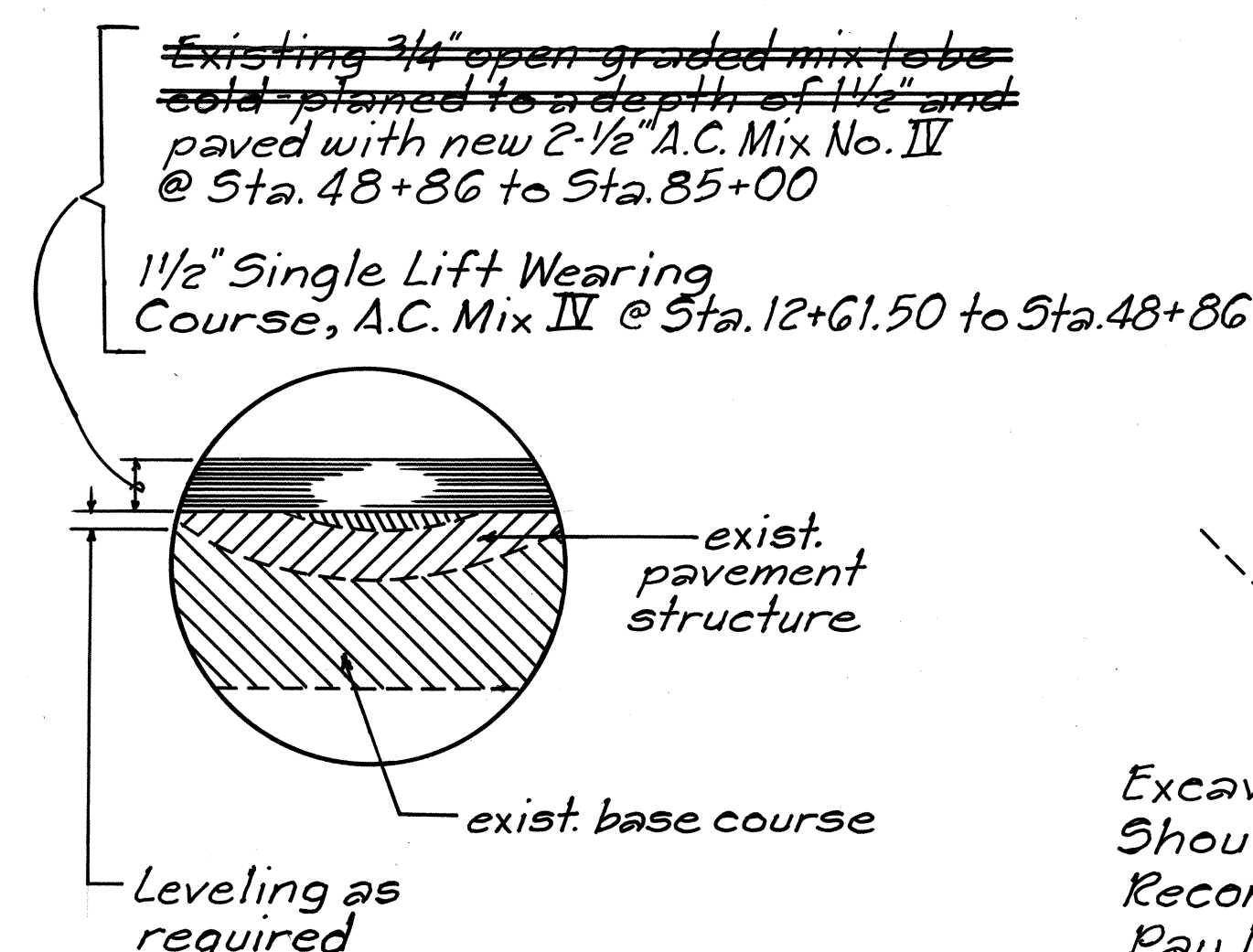
TYPICAL SECTION  
Not To Scale

## 10'-0" PAVED SHOULDER AREAS

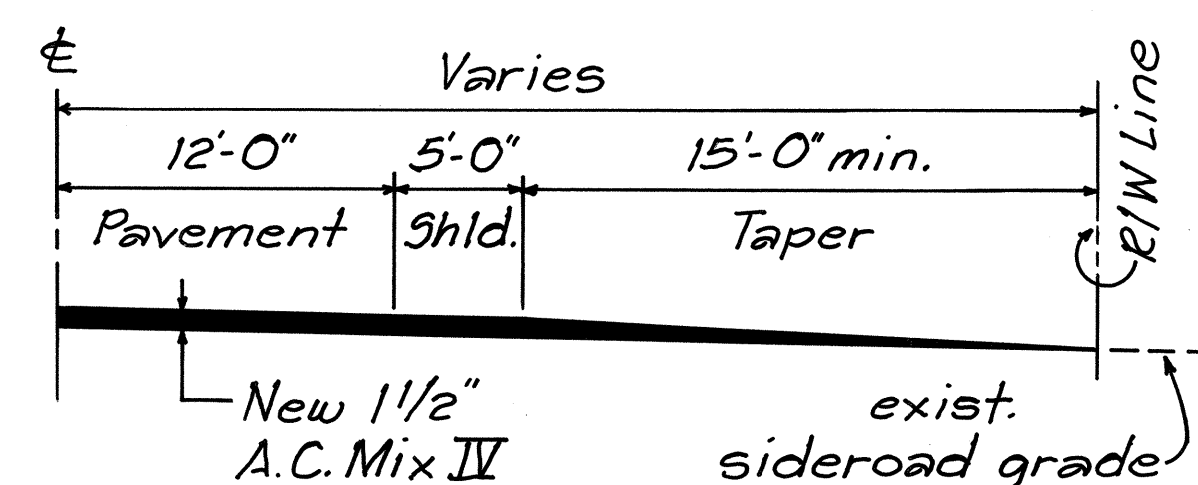
Station  
20+00 to 25+00 Lt.  
21+90 to 20+98 Rt.  
13+94 to 14+24 Lt.  
15+00 to 15+55 Lt.  
17+30 to 17+72 Lt.  
49+50 to 55+92 Rt.



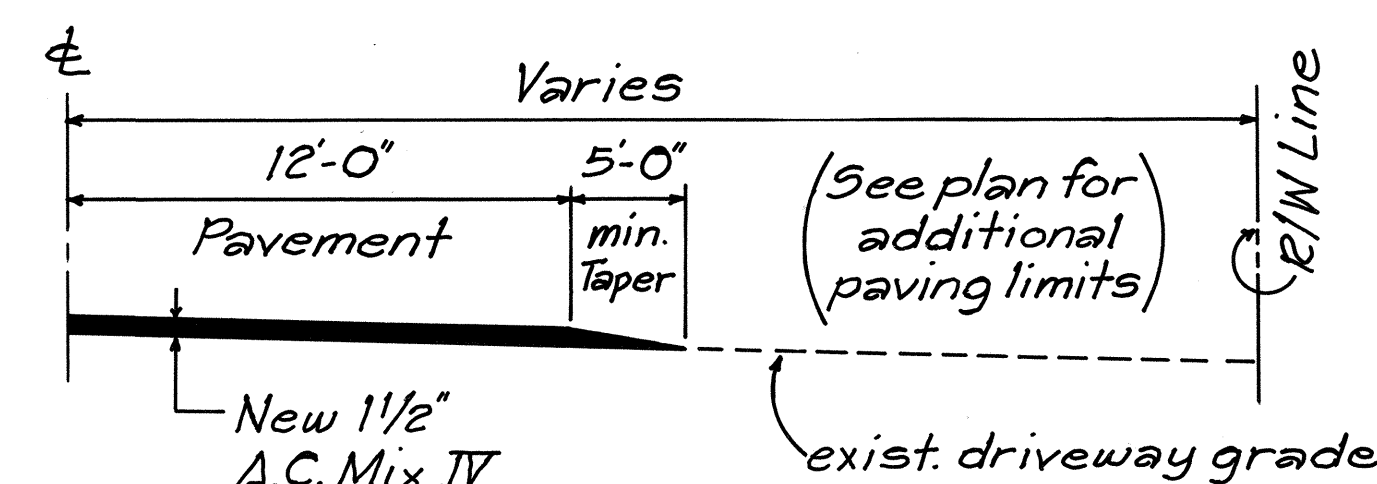
DETAIL "B"  
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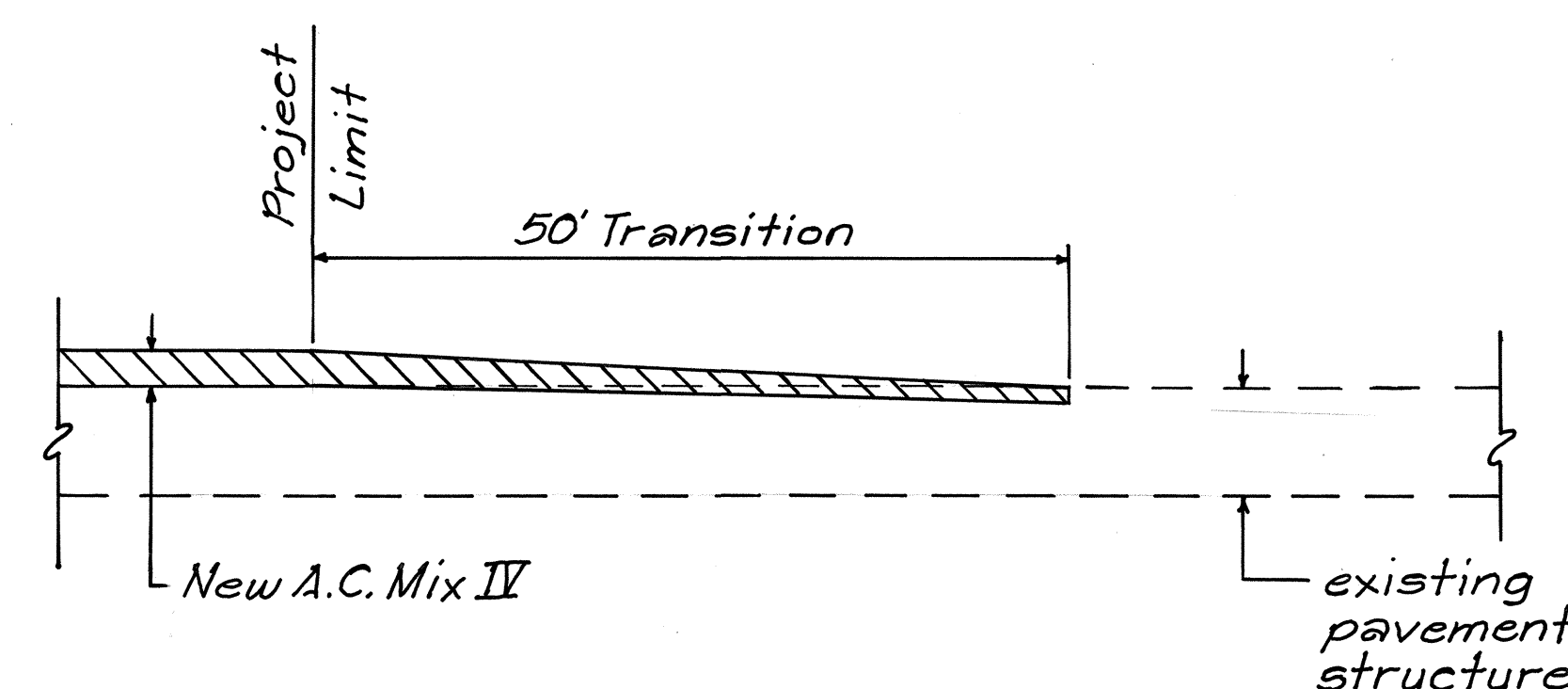
PAVEMENT DETAIL "A"  
Not To Scale



TYPICAL SIDEROAD CONNECTION  
Not To Scale



TYPICAL DRIVEWAY CONNECTION  
Not To Scale



TYPICAL LONGITUDINAL SECTION  
AT THE ENDS OF PROJECT  
Not To Scale

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TYPICAL SECTIONS, DETAIL  
AND GENERAL NOTES  
HAWAII BELT ROAD RESURFACING  
FED AID PROJ. No. STP-012-1(30)  
Scale: As Noted Date: Sept. 1992  
SHEET NO. 1 OF 1 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	