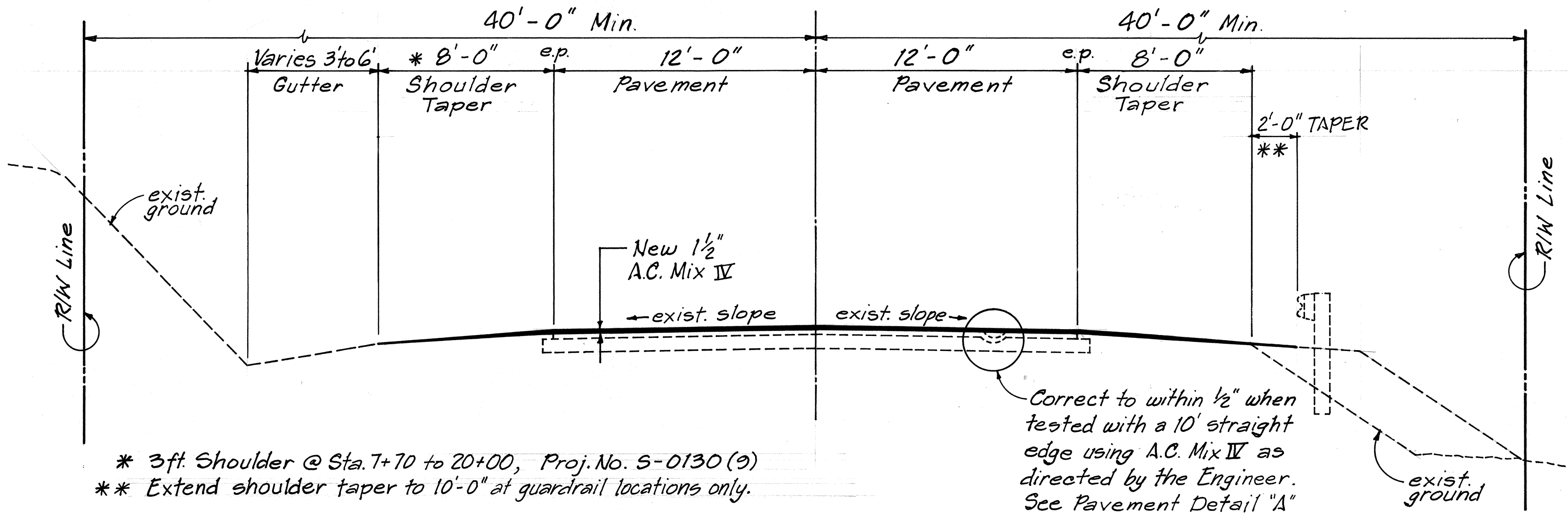


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0130(25)	1993	3	21

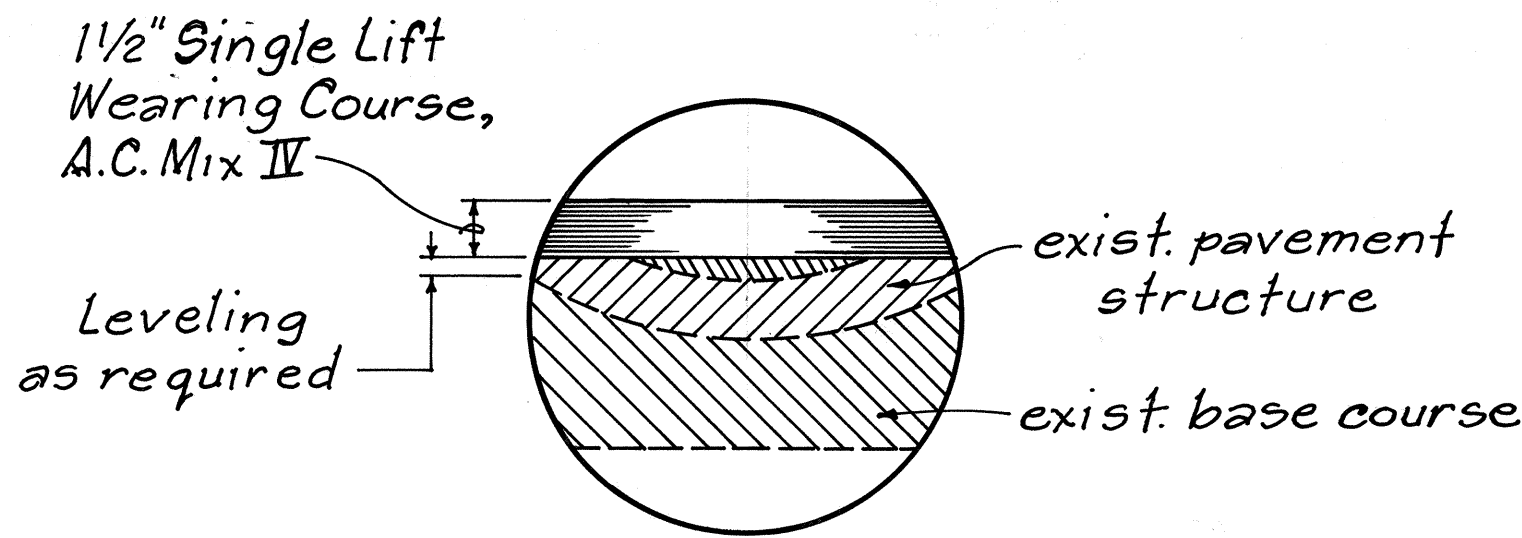
GENERAL NOTES:

- Improvements consist of leveling and resurfacing the existing pavement; Channelizing Highway Intersections; reconstructing weakened pavement areas and paved shoulders; adjusting reference survey monuments; adjusting valve boxes; installing signs and reflector markers; installing pavement striping, markings and markers, installing guardrails, relocating water meters and service laterals.
- 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 Item No. 401.0400 - 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 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 work hours.
- The Contractor is reminded of the requirement of subsection 10B.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 G45 - 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 Excavation for Reconstruction of Weakened Pavement Areas or Reconstruct Shoulders, when used for such purposes.
- Saw Cutting and Removal of Existing Pavement at the beginning and end of project shall be considered incidental to Item 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
- Saw Cutting and Removal of Existing Pavement in the Areas Necessary to Channelize Keahu-Pahoa Highway in the Vicinity of Shower Drive and Kaloli Drive shall be incidental to Item No. 203.0100, Roadway Excavation.



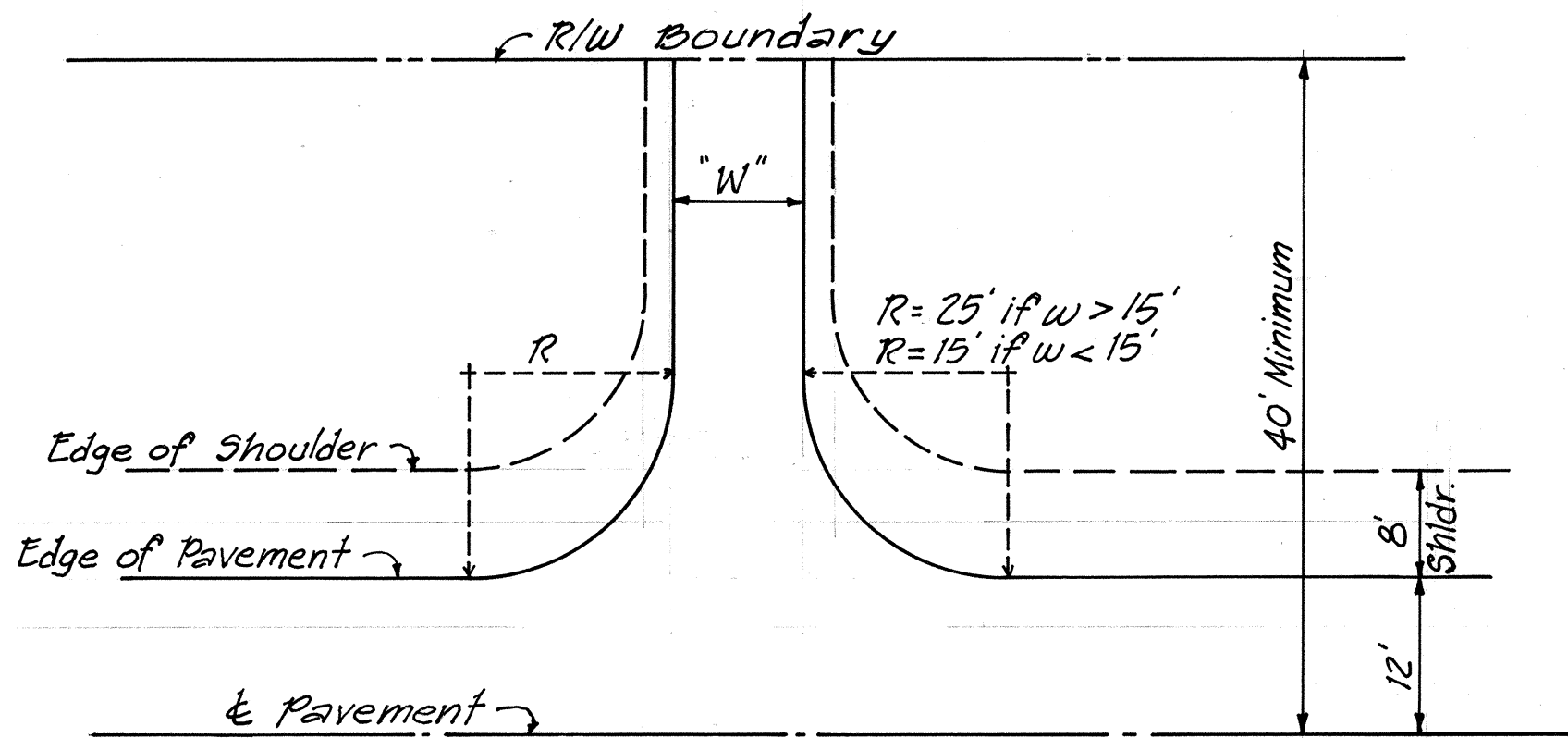
TYPICAL TANGENT SECTION

Not to Scale



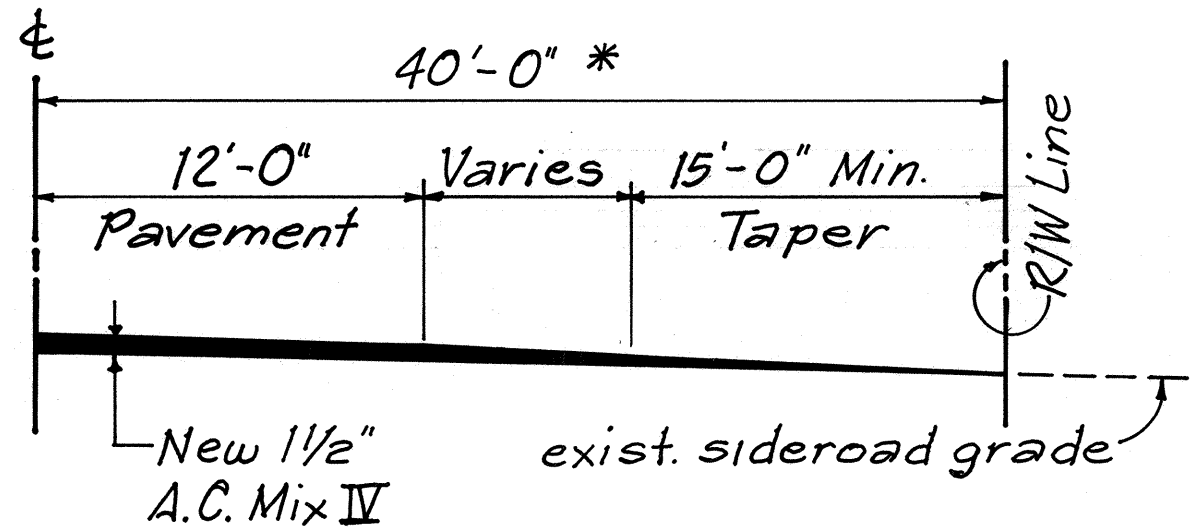
PAVEMENT DETAIL (A)

Not To Scale



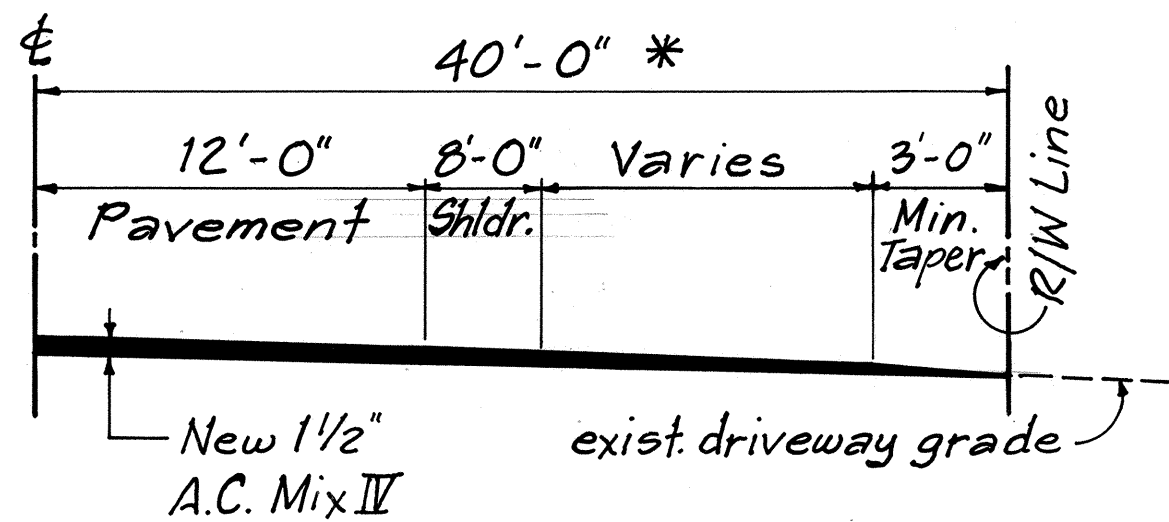
TYPICAL DRIVEWAY

Not To Scale



TYPICAL SIDEROAD CONNECTION

Not To Scale



TYPICAL DRIVEWAY CONNECTION

Not To Scale

* 40' paving limits, except where otherwise noted on the plans.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAIL

AND GENERAL NOTES

KEAHU TO PAHOA ROAD

RESURFACING AND IMPROVEMENTS

F.A. PROJ. NO. STP-0130 (25)

Scale: As Noted Date: Sept. 1992

SHEET NO. 1 OF 1 SHEETS

3

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	