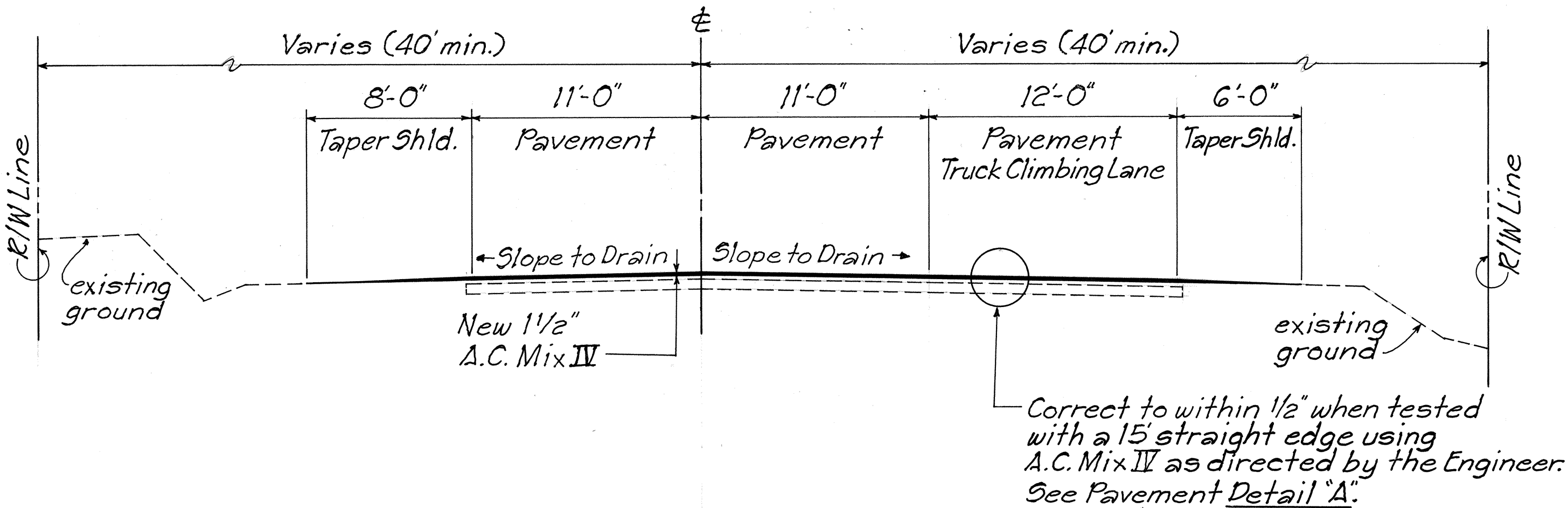


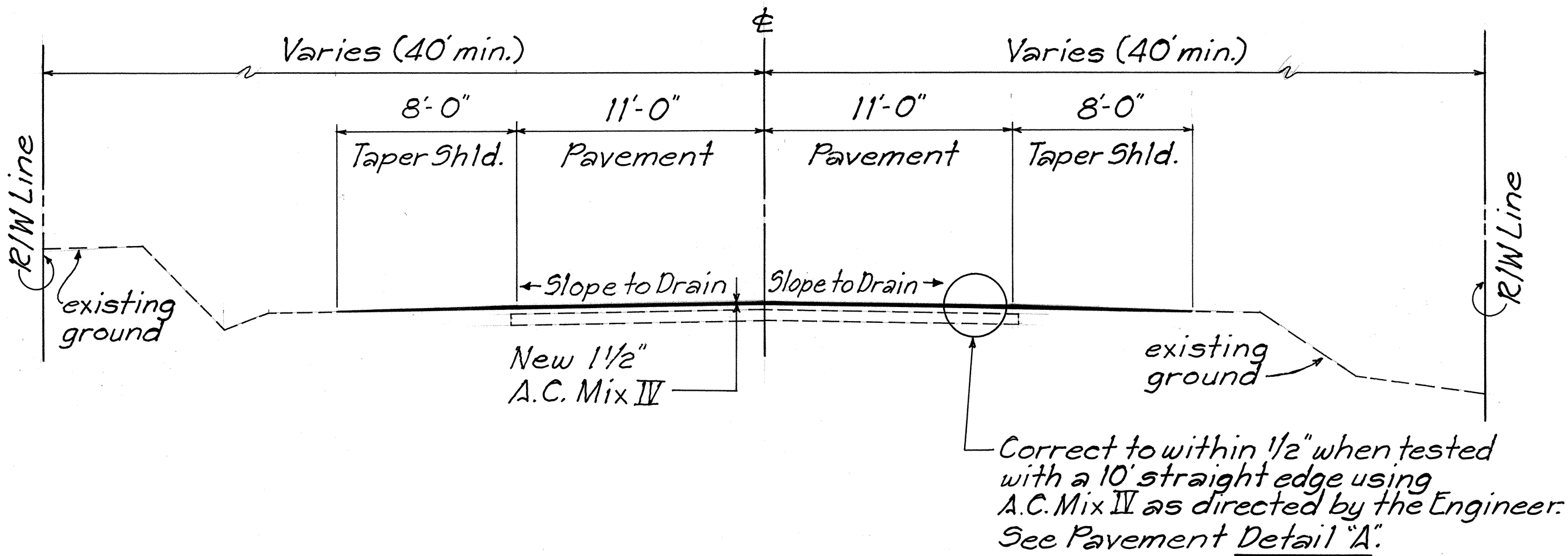
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-011-1(20)	1993	3	12

GENERAL NOTES:

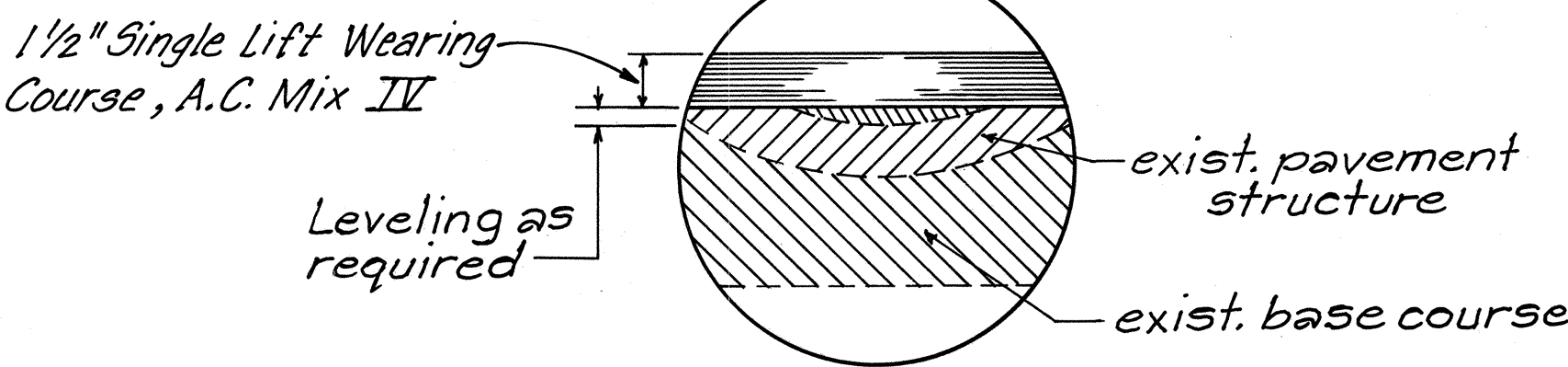
- Improvements consist of reconstructing weakened pavement areas; leveling and resurfacing the existing pavement; adjusting and/or reconstructing reference survey monuments; adjusting valve boxes and manholes; replacing and installing signs and reflector markers; and installing pavement striping, markings and markers and installing and adjusting metal guardrails.
- Initial preparation of shoulder areas shall be done by the Contractor who shall also be responsible for finish rolling and maintenance of the shoulders there after. 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.
- The Contractor's attention is directed to Subsection 105.06 - Cooperation Between Contractors because construction of another project, "Kuakini Highway, Installation of Traffic Signal System at Lako Street, Fed. Aid Proj. No. STP-011-1(19)" may be in progress in the vicinity of this project.
- All lanes shall be opened to traffic during morning peak hours from 6:30 a.m. to 8:30 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 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 Excavation for Reconstruction of Weakened Pavement Areas, when used for such purpose.
- 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 Kuakini Highway in the Vicinity of Kona Seaview Circle and Sunset Drive shall be incidental to Item No. 203.0100 Roadway Excavation.
- The Contractor shall publish "Notice to Motorists" in both major daily newspapers two times prior to start of construction. Submit notice to the State Highways Division for review and approval a minimum of 6 weeks prior to publication.
- All Excavation shall be by Mechanical Methods Only. No Blasting is Allowed unless permission is granted, on a case by case basis, in writing by the Engineer.
- Contractors Attention is called to additional work that includes Paving of Frontage Roads as described on Sheet No. 12.



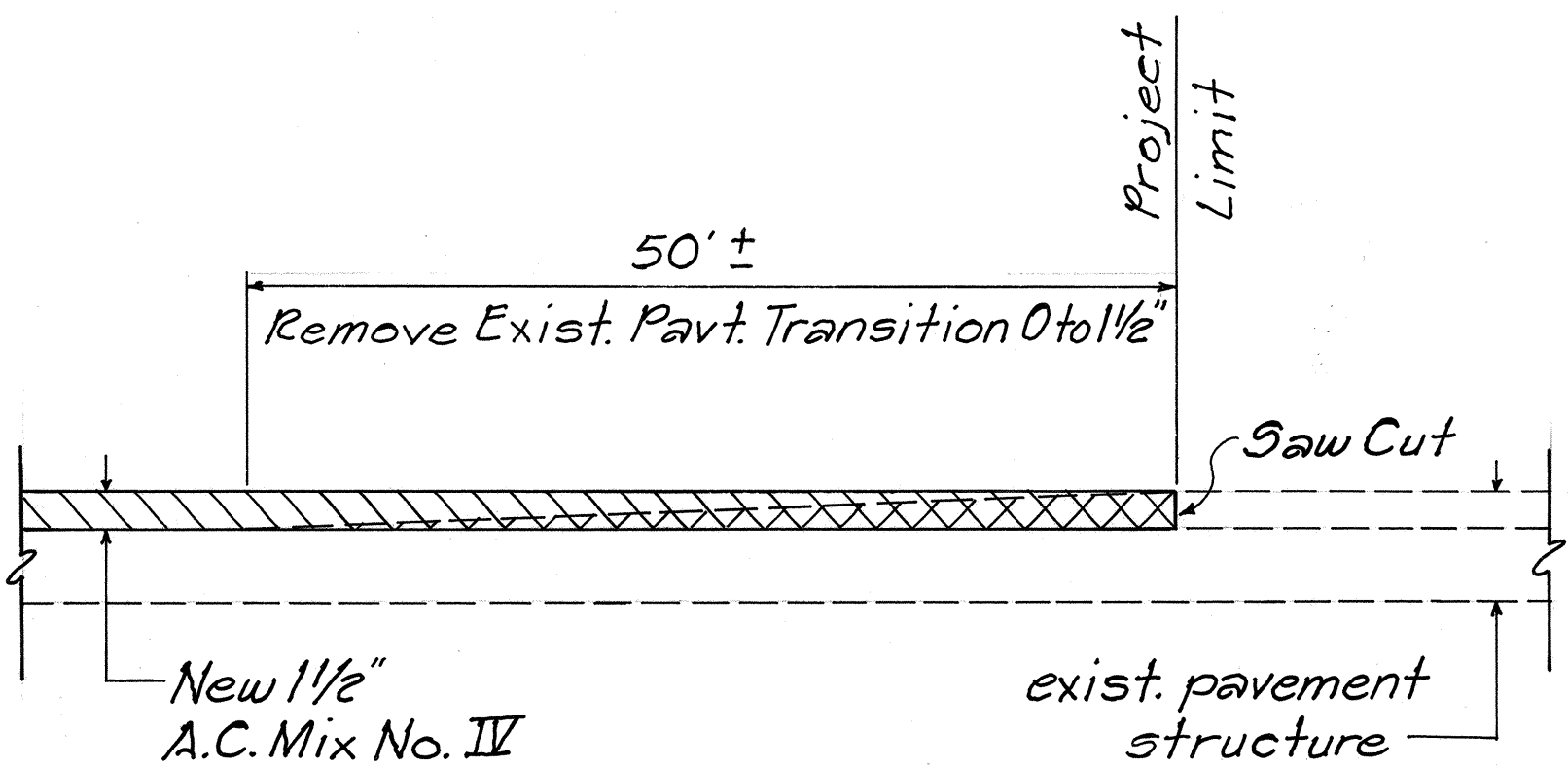
TRUCK CLIMBING LANE
STA. 230+62 TO STA. 322+40
Not To Scale



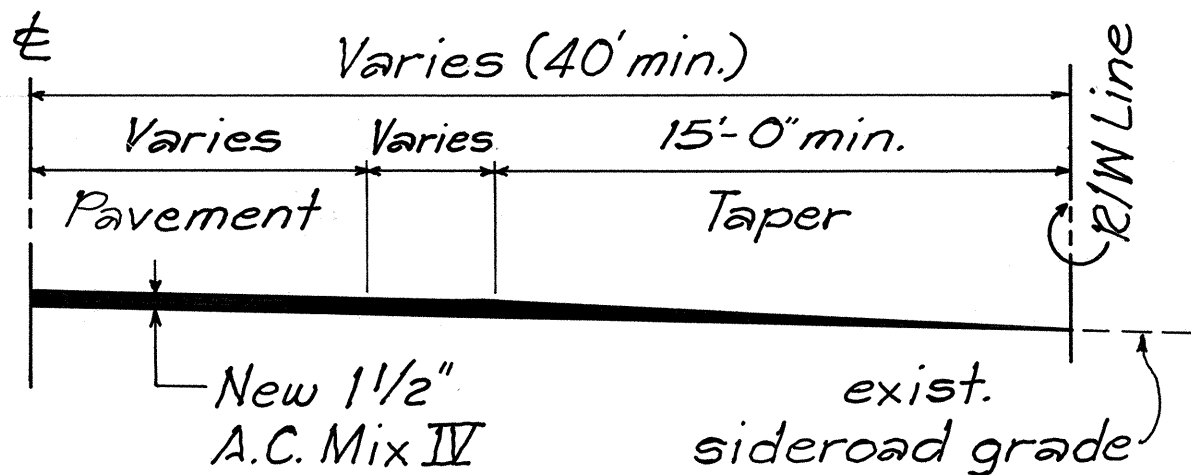
TYPICAL SECTION
Not To Scale



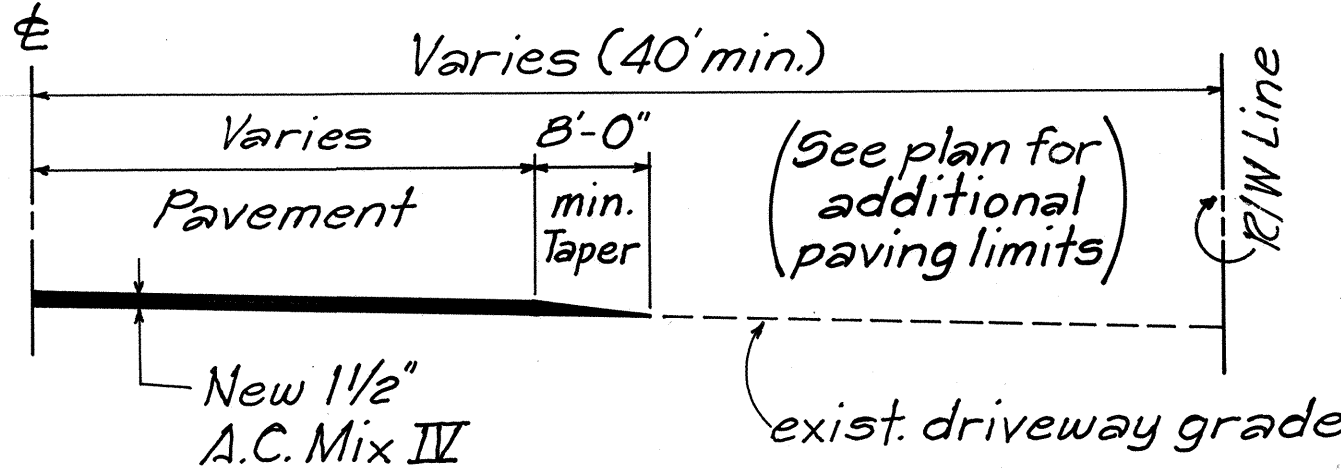
PAVEMENT DETAIL "A"
Not To Scale



**TYPICAL LONGITUDINAL SECTION
AT BEGINNING & END OF PROJECT**
Not To Scale



TYPICAL SIDEROAD CONNECTION
Not To Scale



TYPICAL DRIVEWAY CONNECTION
Not To Scale

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TYPICAL SECTIONS, DETAIL AND GENERAL NOTES
KUAKINI HIGHWAY RESURFACING AND IMPROVEMENTS
PROJECT No. STP-011-1(20)
Scale: As Noted Date: Sept. 1992
SHEET No. 1 OF 1 SHEETS