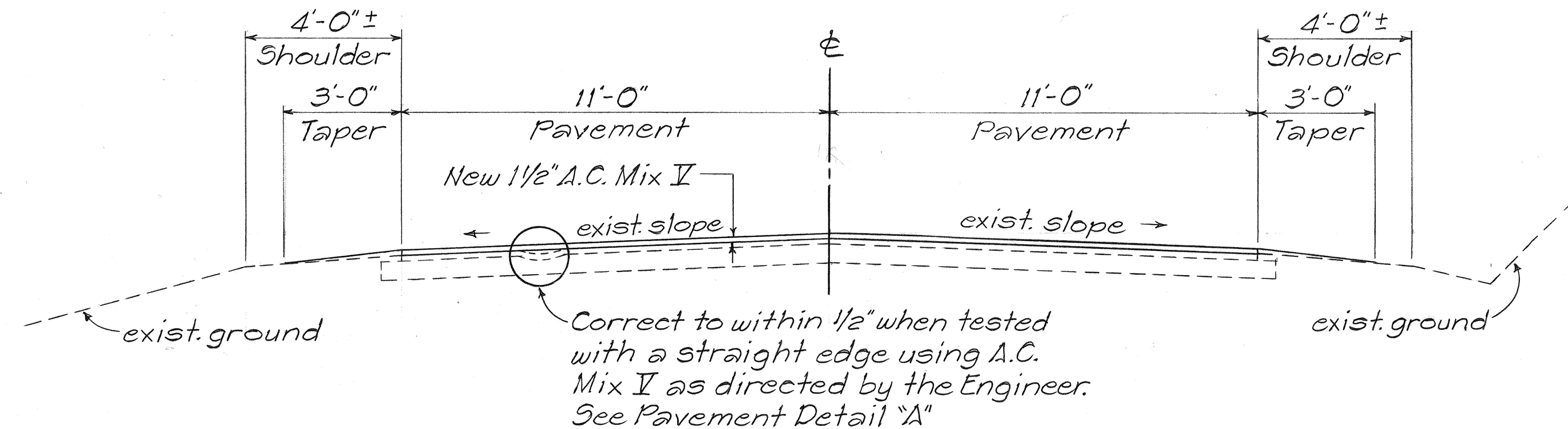


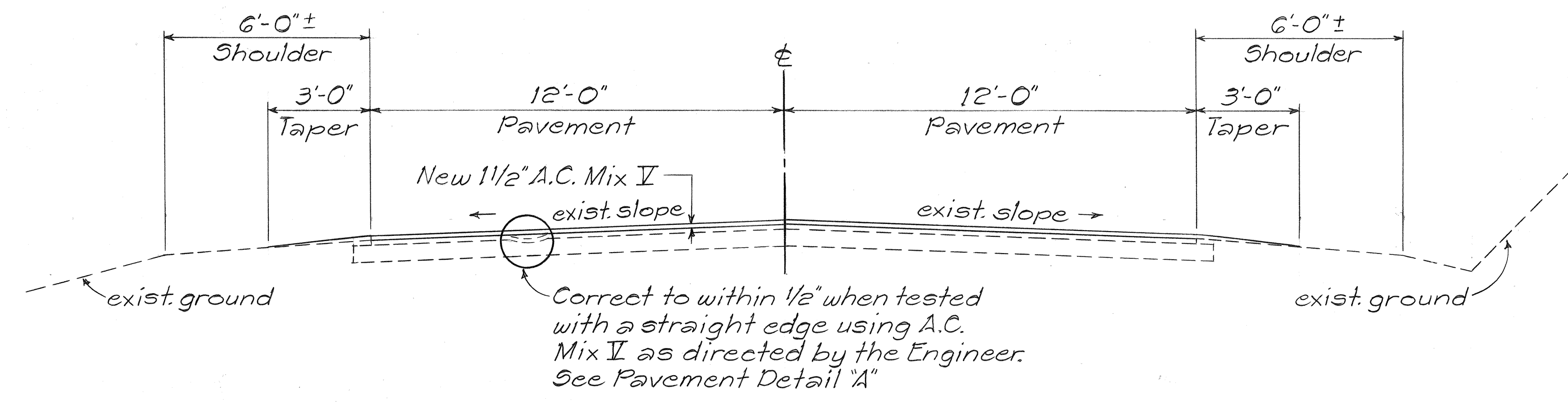
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11JK-01-20M	1990	5	14



TYPICAL SECTION

Not To Scale

Existing Proj. No. NPH 3-C, Sta. 324+50 to Sta. 450+00 (Site-1)

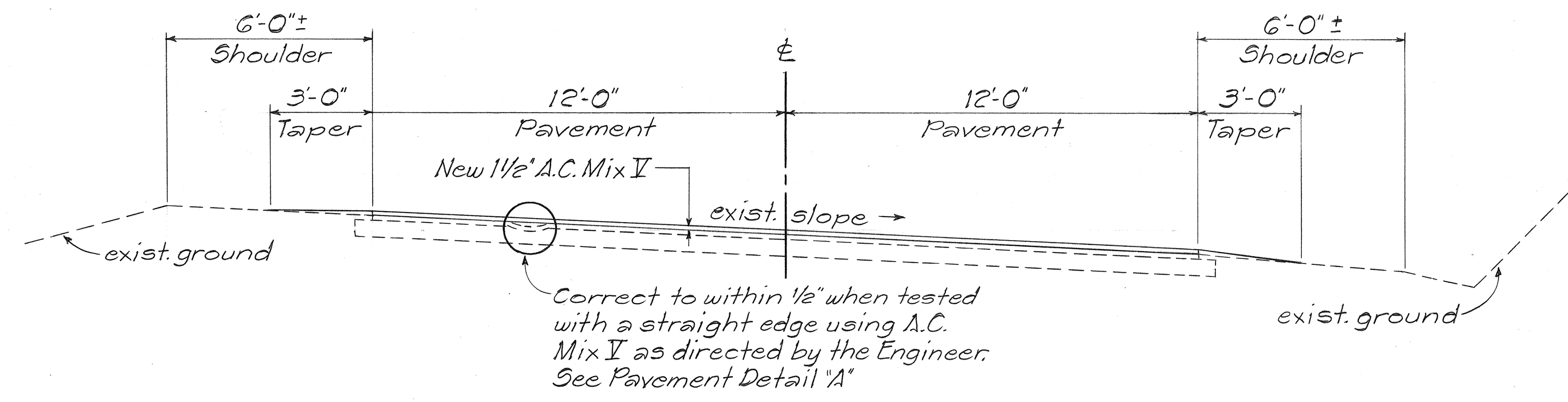


TYPICAL TANGENT SECTION

Not To Scale

Existing Proj. No. NPH 3-C, Sta. 317+55 to Sta. 322+50 (Site-1)

Existing Proj. No. NPH 3-A, Sta. 11+00 to Sta. 126+70 (Site-2)



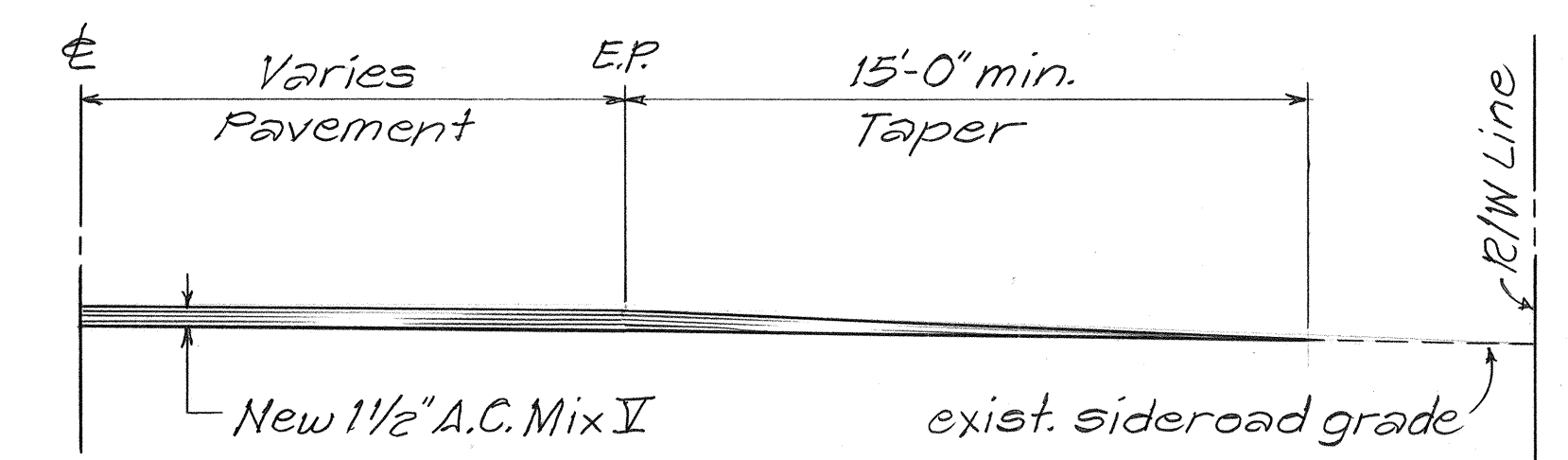
TYPICAL SUPERELEVATED SECTION

Not To Scale

Existing Proj. No. NPH 3-A, Sta. 11+00 to Sta. 126+70 (Site-2)

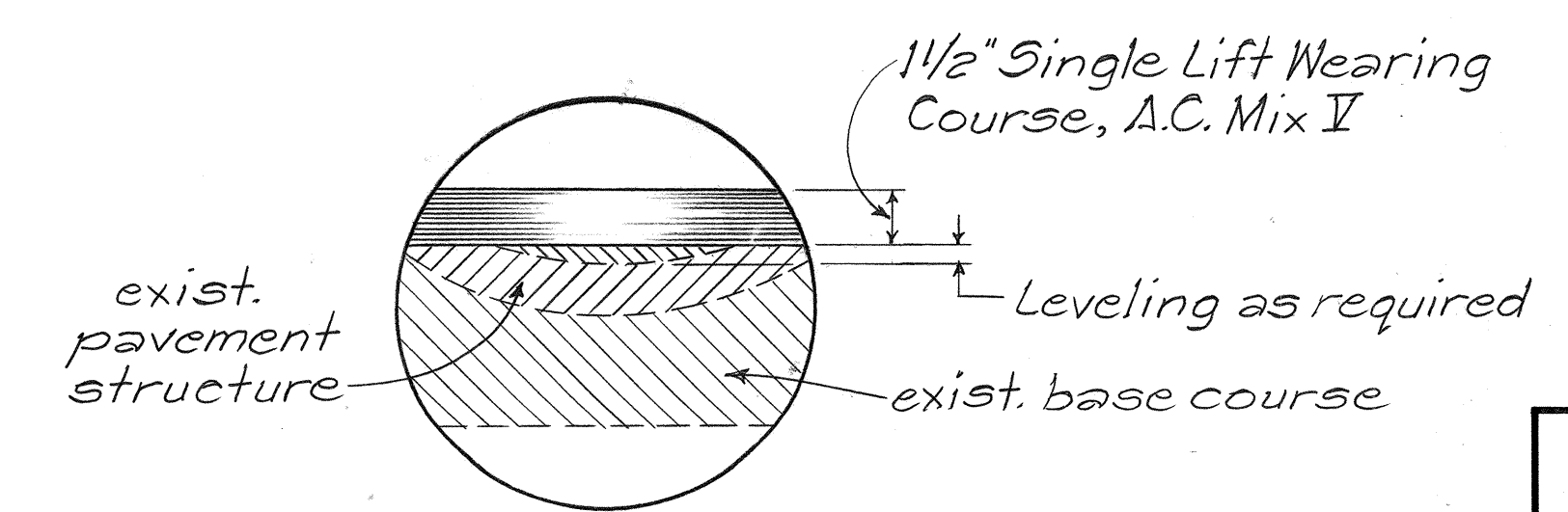
GENERAL NOTES:

- Improvements consists of Resurfacing the Existing Pavement, Installing, Adjusting or Reconstructing Centerline Monuments and Installing Pavement Markers.
- Tack Coat shall be Incidental to Item No. 401.0500 - Asphalt Concrete Pavt. Mix V.
- Asphalt Concrete for Leveling shall be paid for under Item No. 401.0500 - Asphalt Concrete Pavement, Mix V.
- All Construction Signs shall be Reflectorized with High Intensity Reflective Sheeting.
- Existing Pavement Surface Variable. Surface indicated on Typical Sections is not intended to represent any specific location.
- Smooth and Easy Riding Connections shall be constructed at the Beginning and Ending of Project and at the Ending of Daily Work.
- State Forces will Layout the Alignment for the permanent Pavement Markings.
- All lanes shall be opened to traffic during Morning Peak Hours from 6:00 a.m. to 7:30 a.m. and during the Afternoon Peak Hours from 4:00 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 at any other time.
- Initial Preparation of Shoulder Areas shall be done by the State. Contractor shall be Responsible for Finish Rolling and Maintaining the Shoulders thereafter. This work shall be considered Incidental to Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.



TYPICAL SIDEROAD CONNECTION

Not To Scale



PAVEMENT DETAIL "A"

Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAIL
VOLCANO ROAD RESURFACING
VOLCANOES NATIONAL PARK SECTION
PROJECT No. 11JK-01-20M
Scale: As Noted Date: Aug. 1989
SHEET NO. 1 OF 1 SHEETS

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