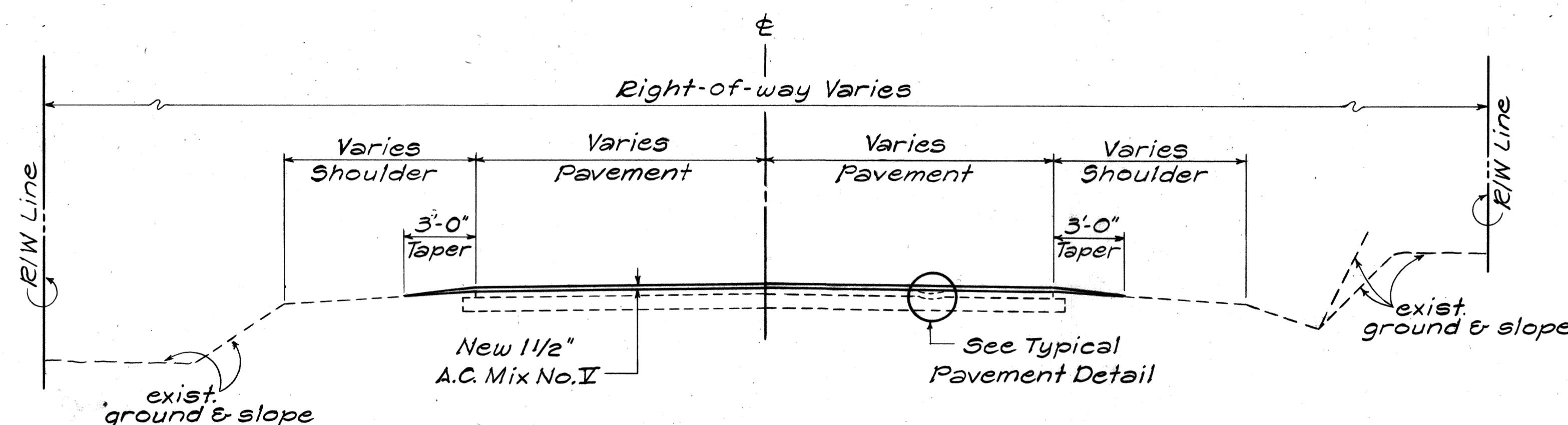


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	125F-01-03M 134-01-03M 220A-01-90M	1990	3	9

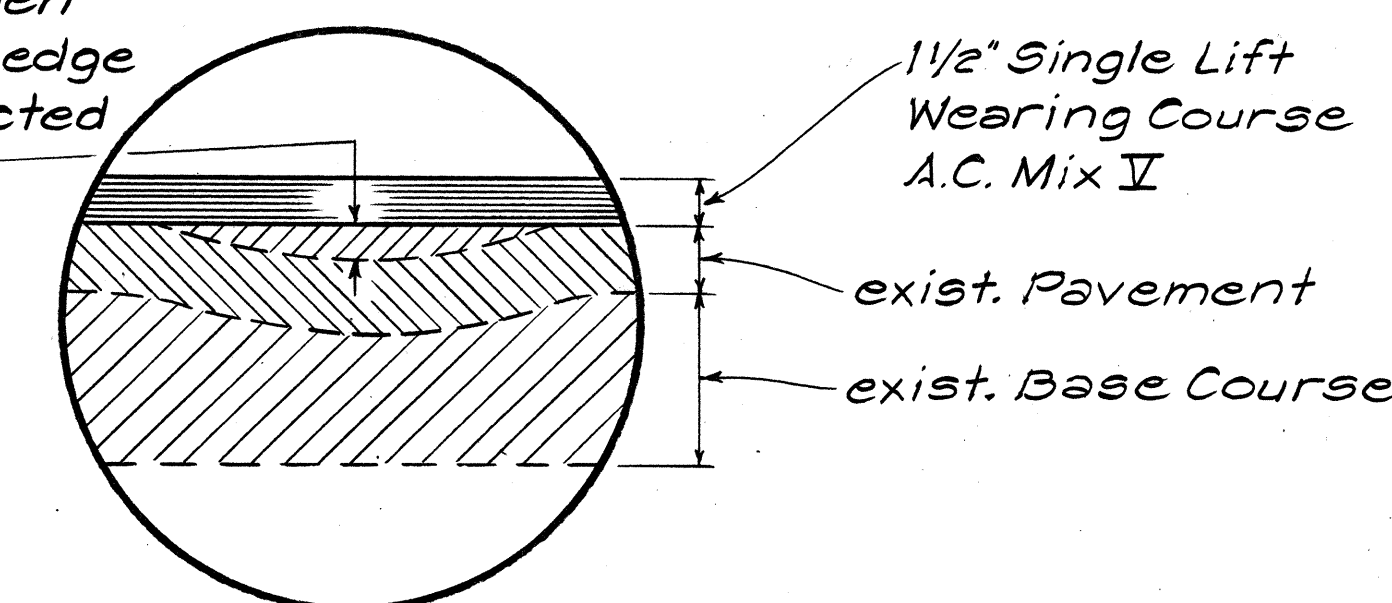


TYPICAL TANGENT SECTION

NOT TO SCALE

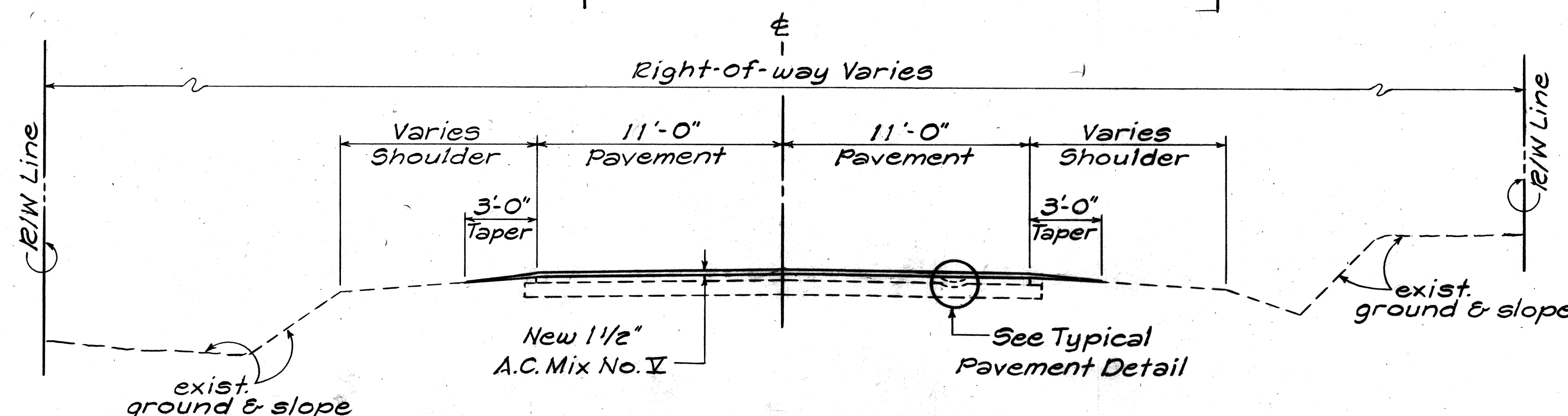
220A-01-90M
 Exist. Proj. No. A-220-01-61, Sta. 7+50 to 37+00
 Exist. Proj. No. 220A-02-72, Sta. 0+00 to 25+62.20
 Exist. Proj. No. A-220-01-64, Sta. 104+92.88 to 21+50
 Exist. Job No. 1416, Sta. 0+00 to 7+50
 Exist. Job No. 1416, Sta. 0+18.31 to 21+50

Correct to within 1/2" when tested with a straight edge using Mix V A.C. as directed by the Engineer



TYPICAL PAVEMENT DETAIL

NOT TO SCALE



TYPICAL TANGENT SECTION

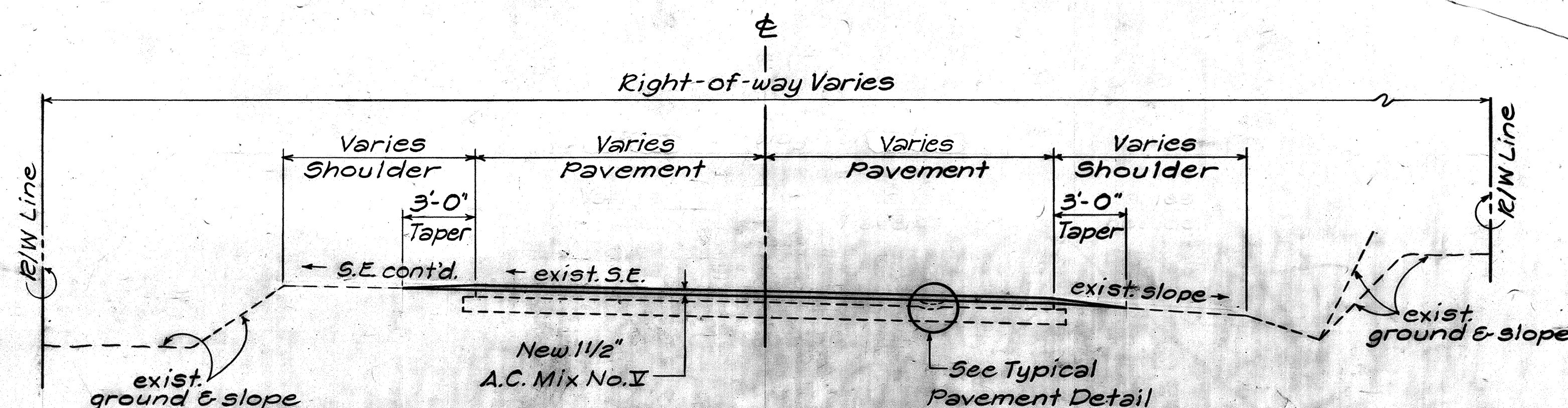
NOT TO SCALE

FOR PROJ. No. 220A-01-90M

Exist. Proj. No. S-246(1), Sta. 0+16 to 21+87.59
 Exist. Job No. 1416, Sta. 0+00 to 37+00

GENERAL NOTES:

- Improvements consists of Reconstructing and Resurfacing the existing Pavement, Installing Pavement Markers, Adjusting Water Valve Boxes and Centerline & Survey Monuments.
- Asphalt Concrete for Leveling Course shall be paid for under Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V.
- Tack Coat shall be incidental to Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V.
- All Construction Signs shall be ReflectORIZED with High Intensity Reflective Sheeting.
- Pavement Area to be Striped shall be Broomed Off by the Contractor prior to Striping by the State.
- Construct Smooth and Easy Riding Connections to existing Roadway at the Beginning and Ending of Project.
- Existing Pavement Surface Variable. Surface indicated here is not intended to represent any specific location.
- Preparation of Shoulder Areas for Paving shall be done by the State. Contractor shall be responsible for finish rolling of the shoulders as necessary to prepare for pavement of A.C. Mix No. V. This work shall be considered incidental to Item No. 401.0500 - A.C. Mix No. V.
- Construction Warning Signs Paid for under Item No. 621.7120 shall be Removed by the Contractor and Delivered to the Highway Maintenance Baseyard location designated by the Engineer, upon Completion of the Project.
- Blue Reflective Pavement Markers used to mark Fire Hydrant locations shall be Provided by the State for Installation by the Contractor; Work shall be considered Incidental to Contract Items and No Separate Payment shall be made thereof.
- All Centerline and Reference Survey Monuments were based on "As-Built" Plans. The actual Number of Monuments to be Adjusted shall be determined in the field.



TYPICAL SECTION ON CURVE

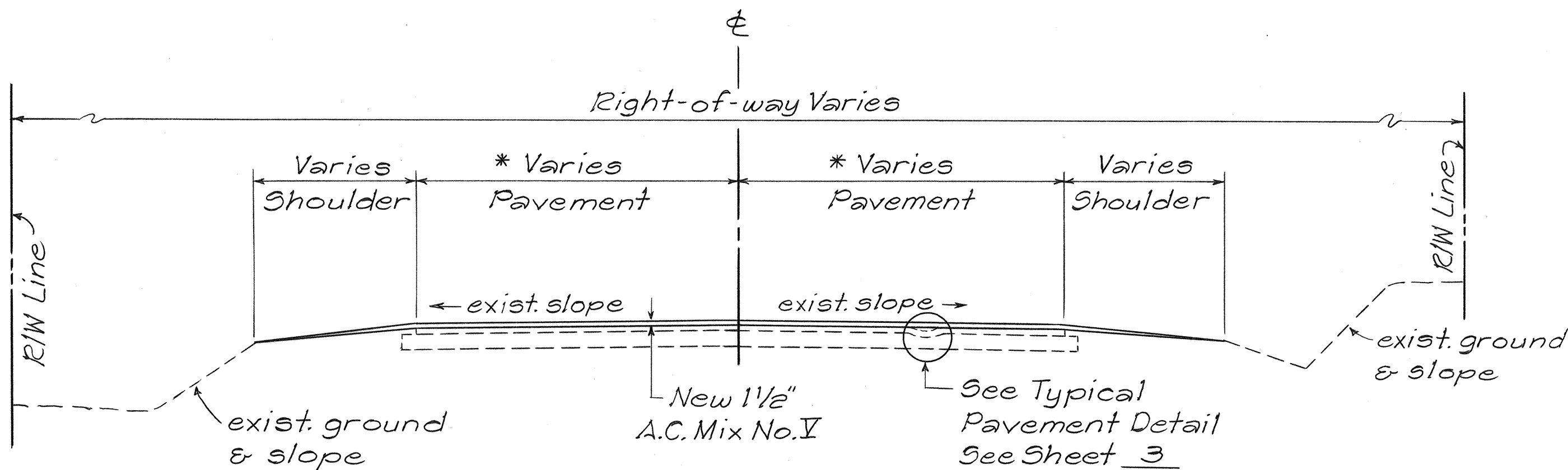
NOT TO SCALE

220A-01-90M
 Exist. Proj. No. A-220-01-61, Sta. 7+50 to 37+00
 Exist. Proj. No. 220A-02-72, Sta. 0+00 to 25+62.20
 Exist. Proj. No. A-220-01-64, Sta. 104+92.88 to 21+50
 Exist. Job No. 1416, Sta. 0+00 to 7+50
 Exist. Job No. 1416, Sta. 0+18.31 to 21+50

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TYPICAL SECTIONS & DETAIL
HAWAII BELT ROAD RESURFACING
AKAKA FALLS ROAD RESURFACING
AKAKA FALLS ROAD RESURFACING PROJ. No. 220A-01-90M
Scale: As Noted Date: June 1989
SHEET NO. 1 OF 2 SHEETS

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

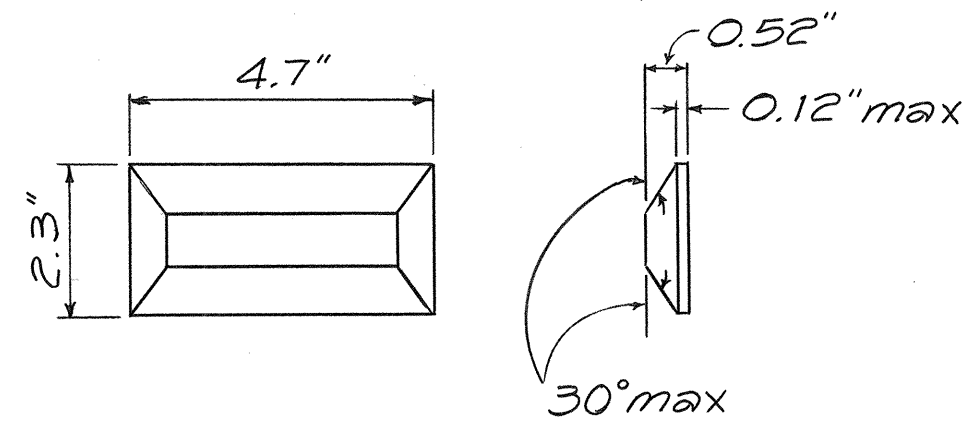
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	220A-01-20M	1990	4	9



TYPICAL SECTION

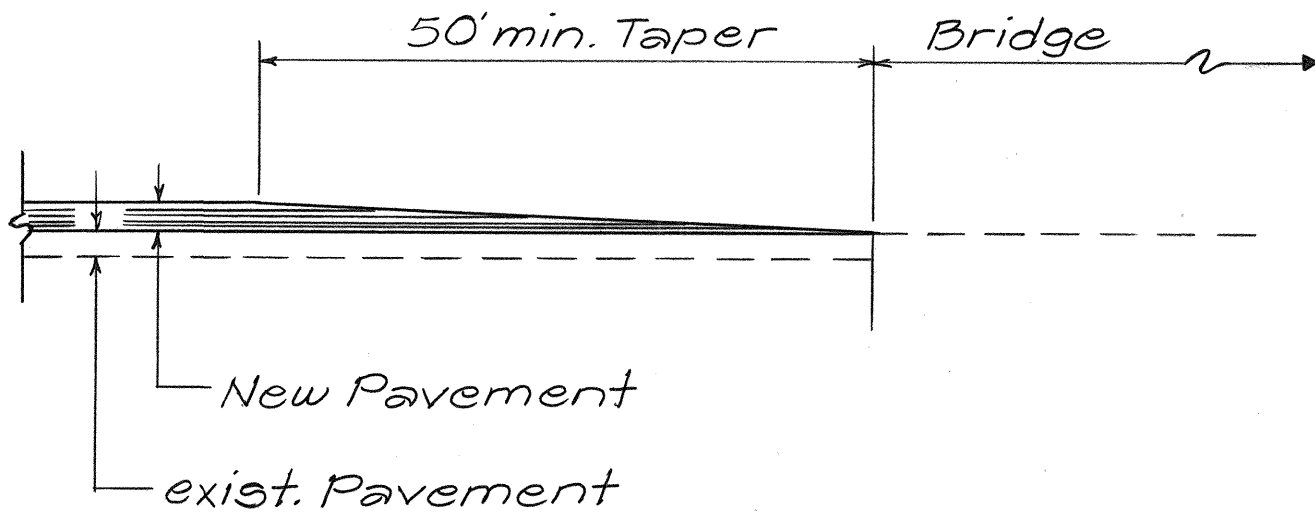
HONOMU TOWN
Not To Scale

* See "Roadway and Striping Plan"
Sheet No. 7 for pavement limits.



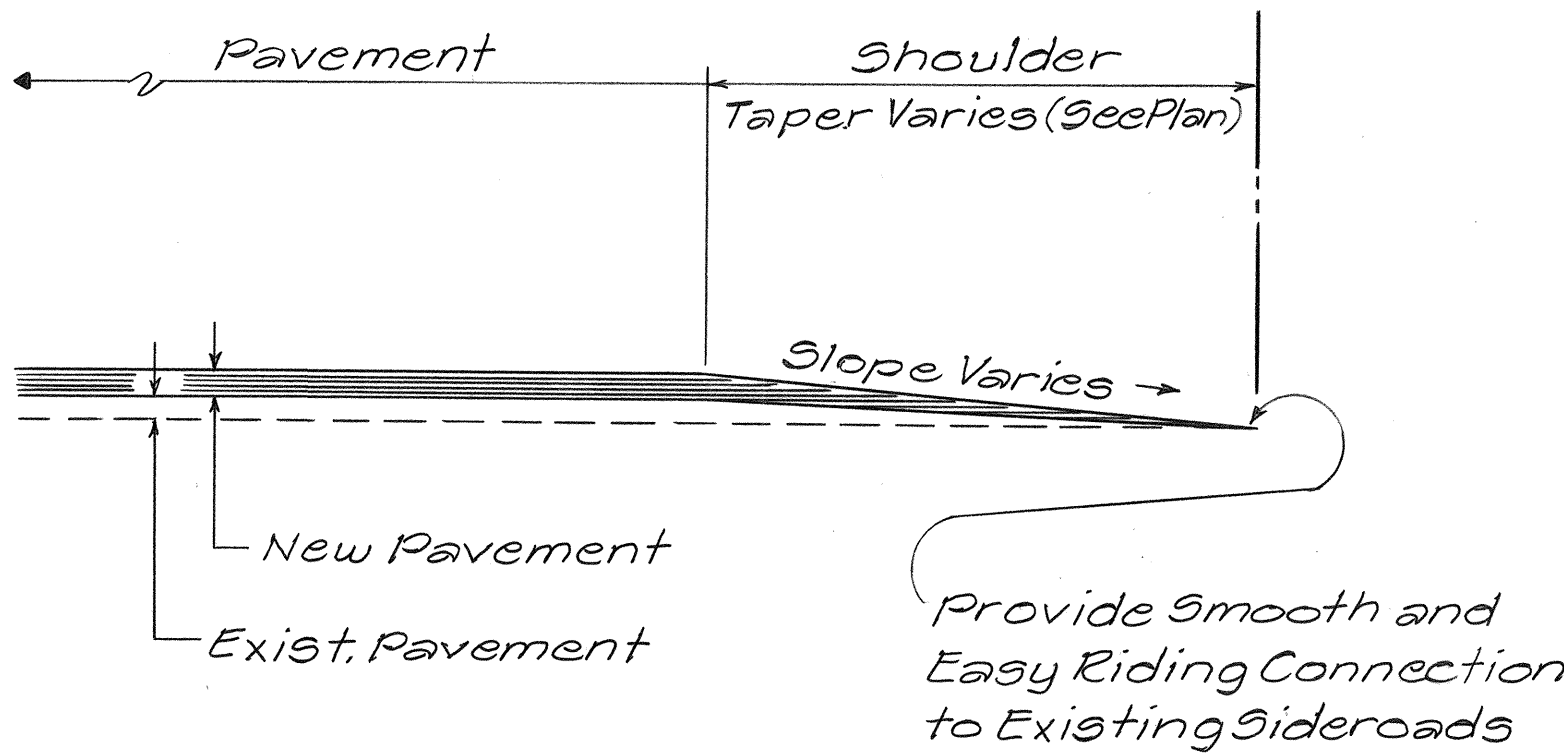
L SERIES PAVEMENT MARKER DETAIL

Not To Scale



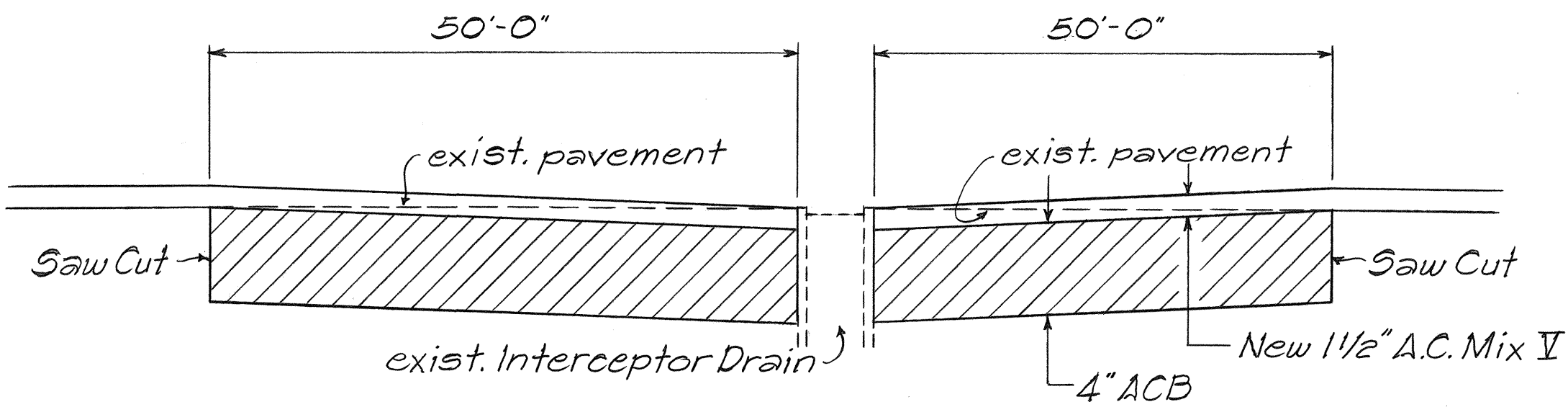
RESURFACING DETAIL AT EXISTING BRIDGE

Not To Scale

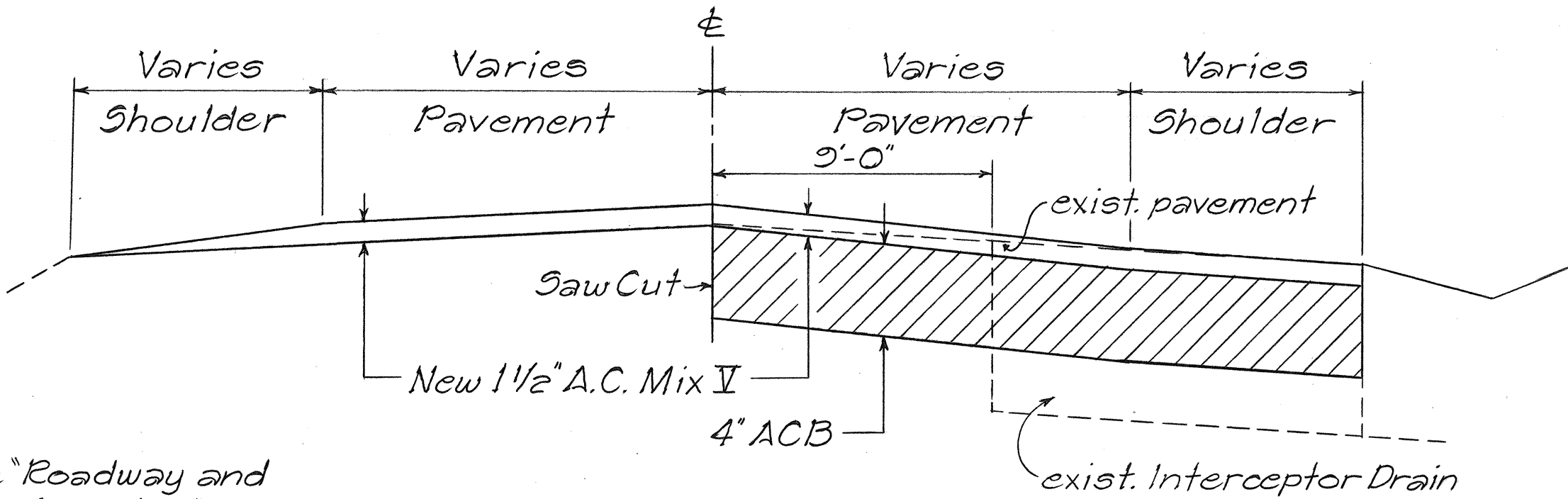


SIDEROAD CONNECTION DETAIL

Not To Scale



SECTION A-A



SECTION B-B

Note: See "Roadway and Striping Plan"
Sheet No. 7 for Reconstruction Area.

PAVEMENT RECONSTRUCTION DETAIL

HONOMU TOWN
Not To Scale

NOTE:

Details of Type "C", Type "D" and Type "H" Markers on Standard Plan TE-30 shall be deleted and replaced with Details of Type "CL", Type "DL" and Type "HL" Markers as shown on this Sheet.

All references to Type "C", Type "D" and Type "H" Markers in the Plans shall mean Type "CL", Type "DL" and Type "HL" Markers.

TYPE "CL": Red-Clear Reflective Marker

TYPE "DL": Two-Way Yellow Reflective Marker

TYPE "HL": One-Way Yellow Reflective Marker

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION & DETAILS

AKAKA FALLS ROAD RESURFACING
PROJ. No. 220A-01-20M

Scale: As Noted Date: April 1989
SHEET NO. 2 OF 2 SHEETS