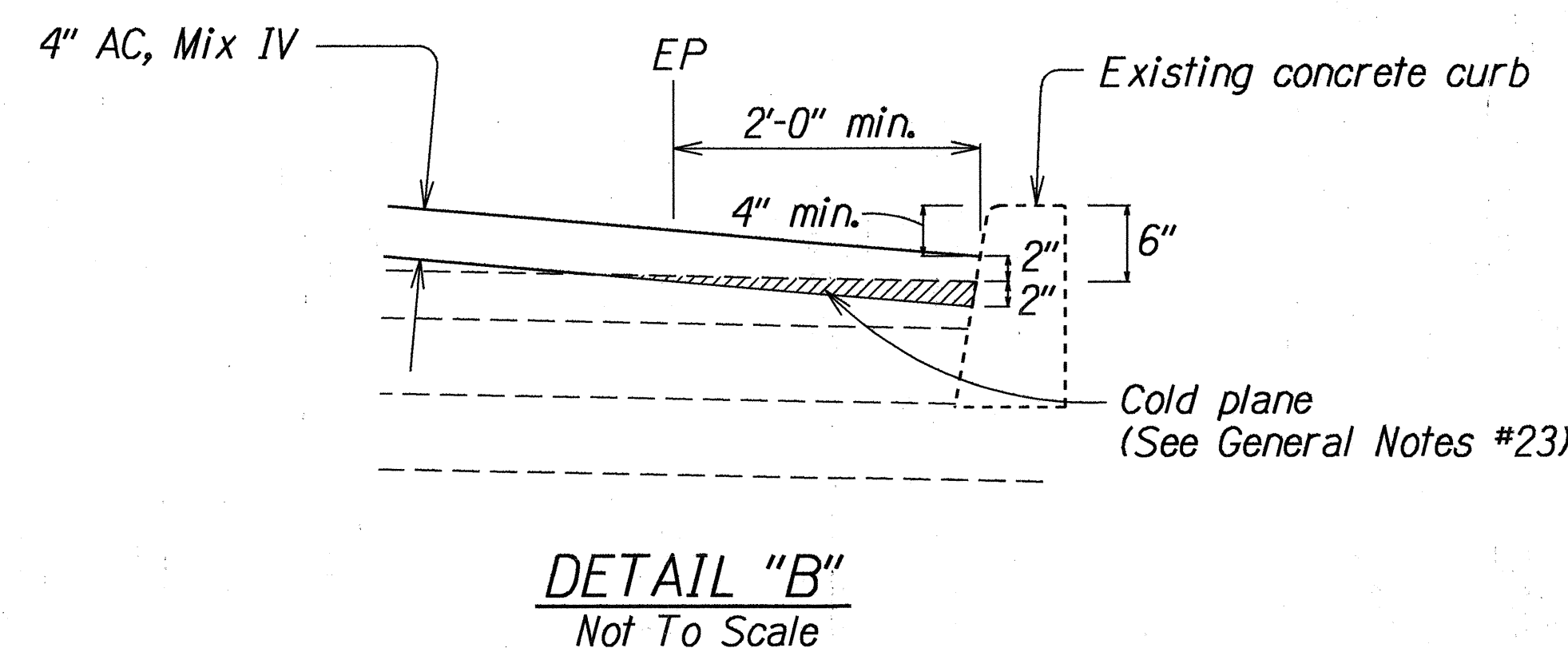
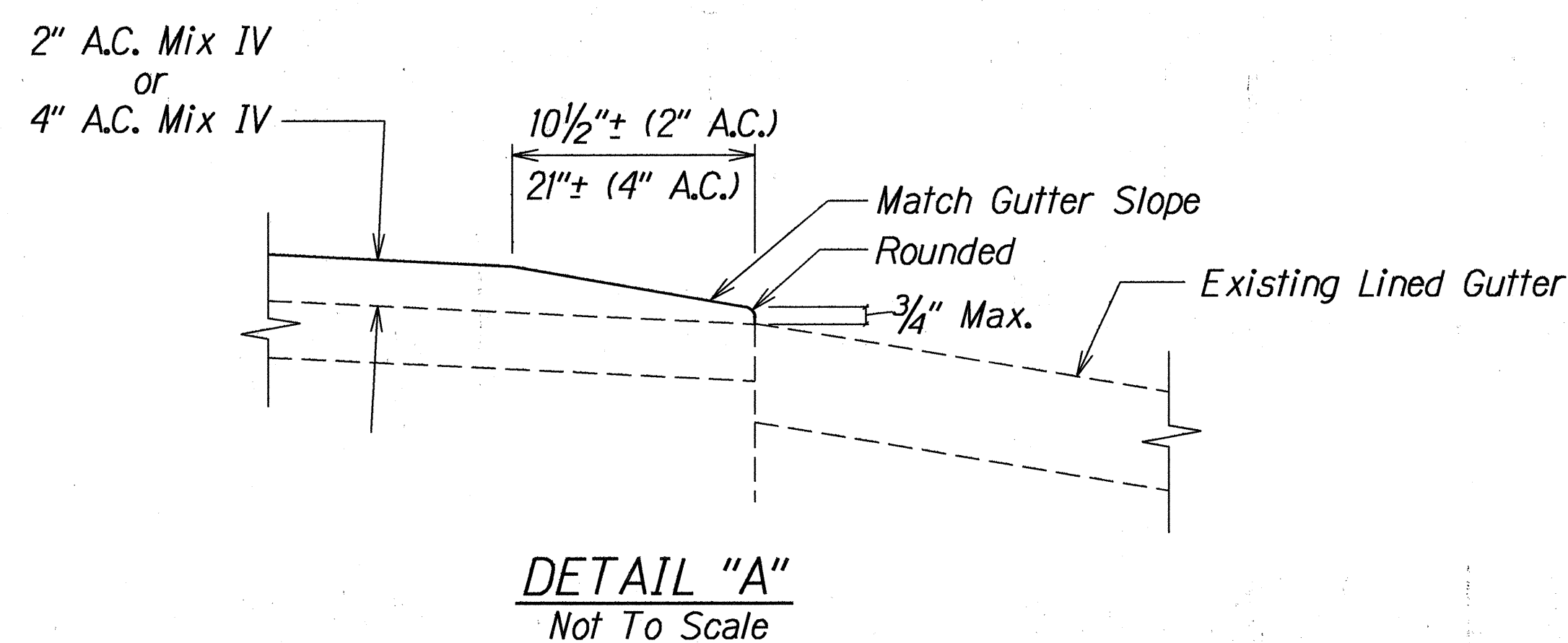
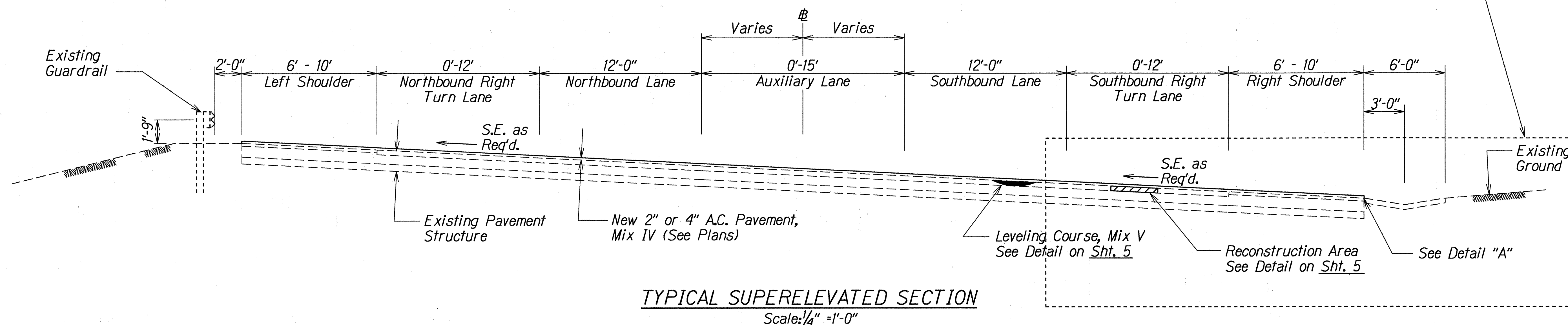
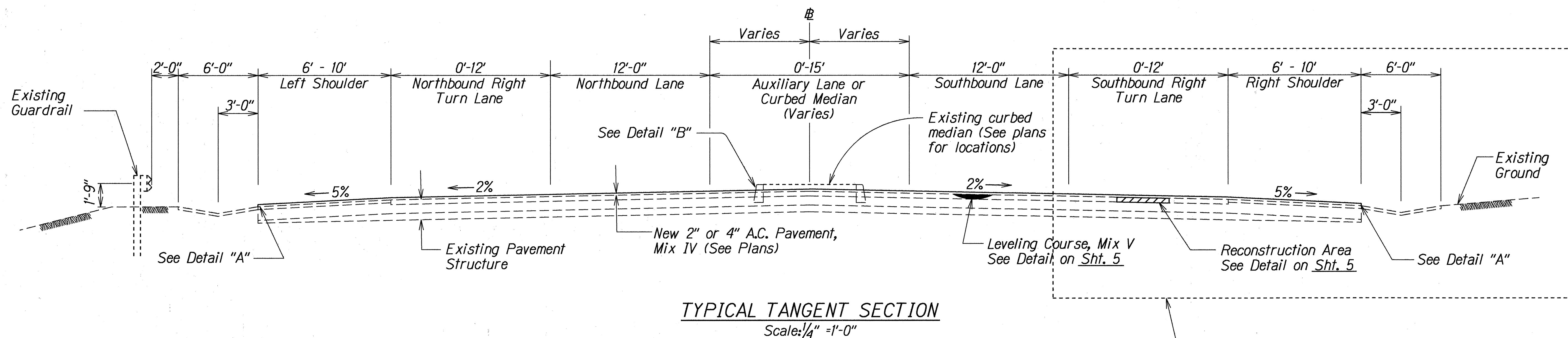
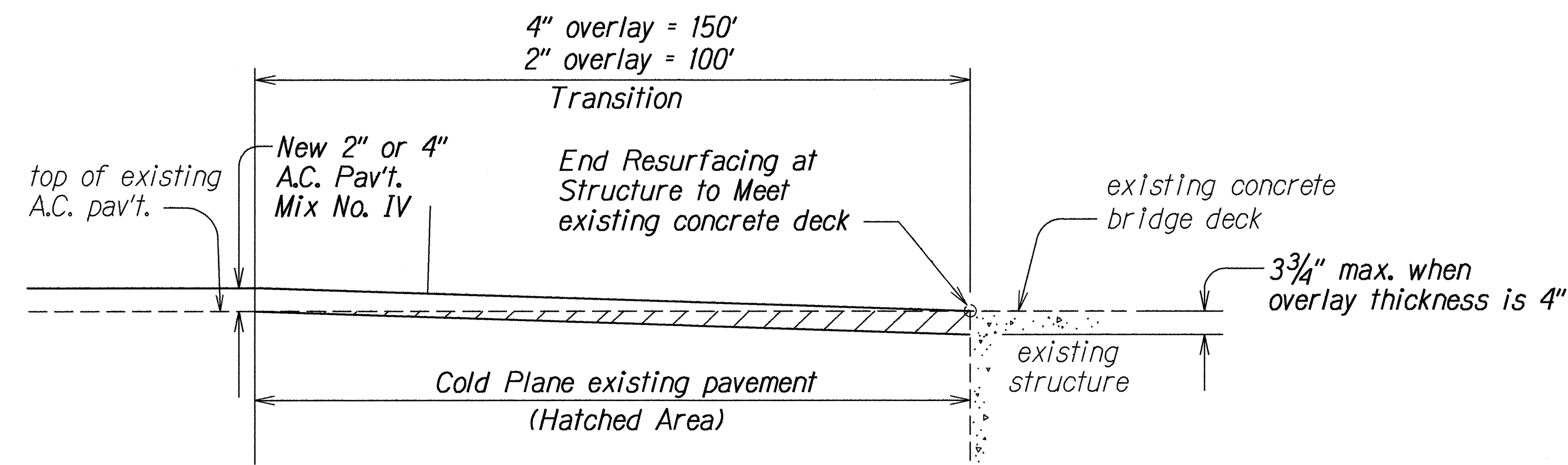


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-031-1(8)	1994	4	48

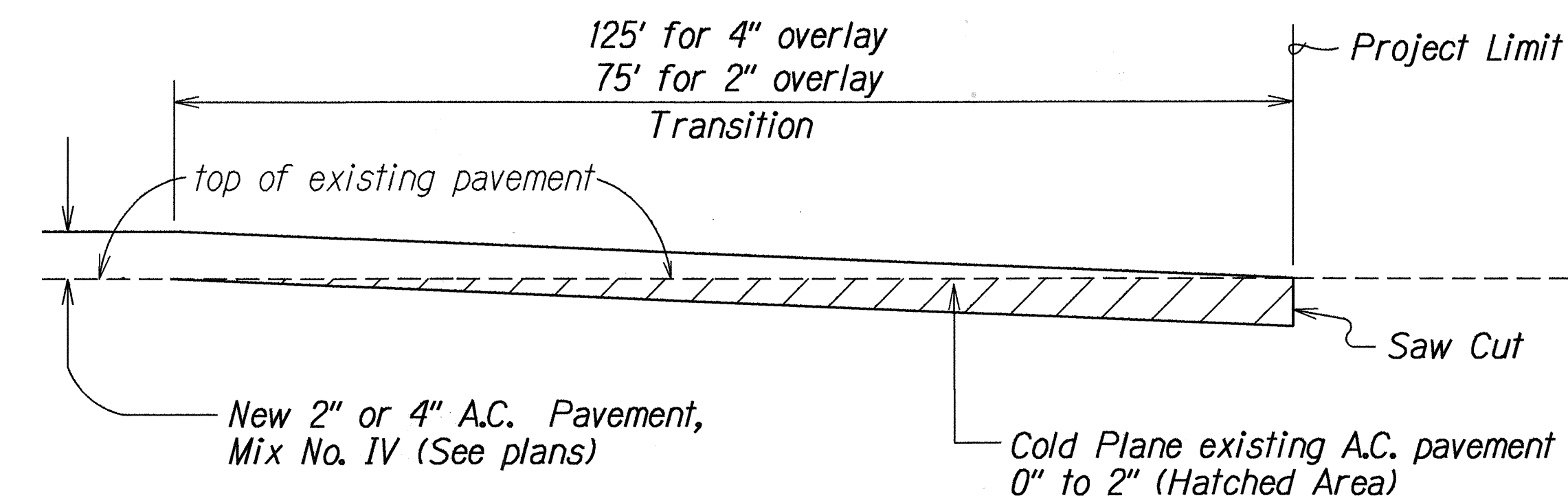


STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>TYPICAL SECTIONS &amp; DETAILS</b>
<b>PIILANI HIGHWAY RESURFACING</b>
Vicinity of Kealia Pond to Kilohana Drive
Federal-Aid Project No. STP-031-1(8)
Scale: As Shown Date: March, 1994
SHEET No. 1 OF 3 SHEETS

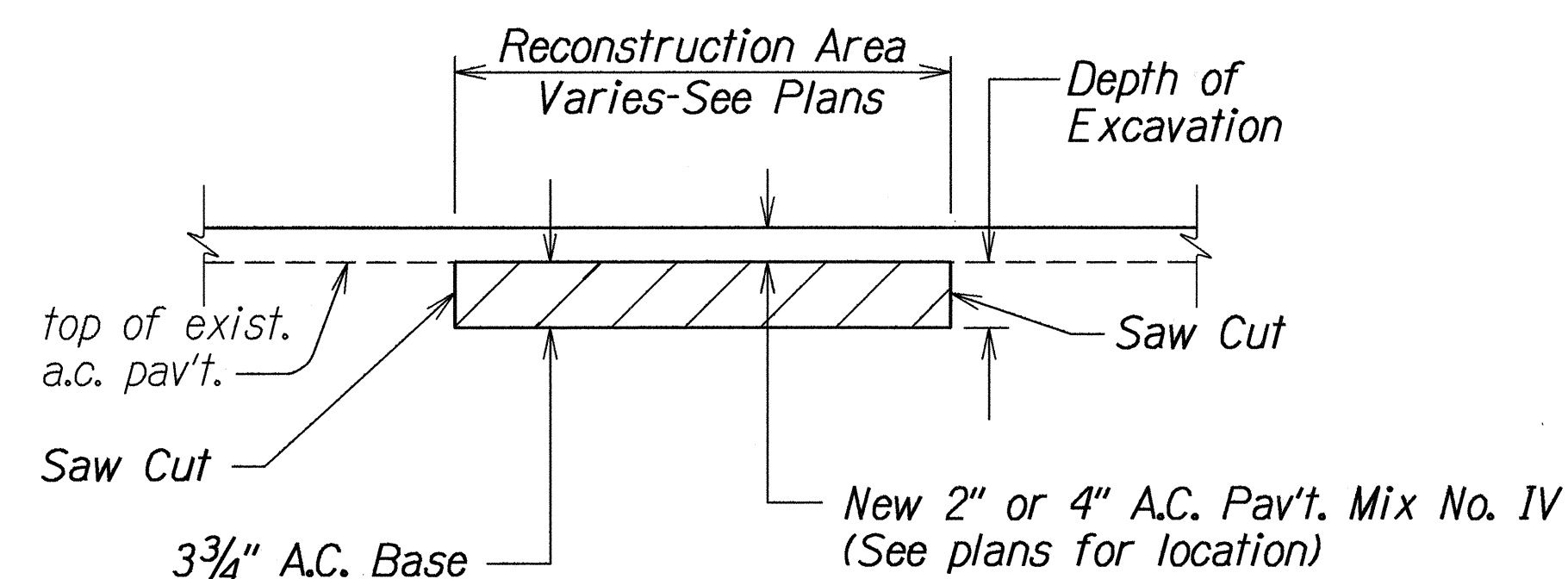
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HAWAII	HAW.	STP-031-1(8)	1994	5	48



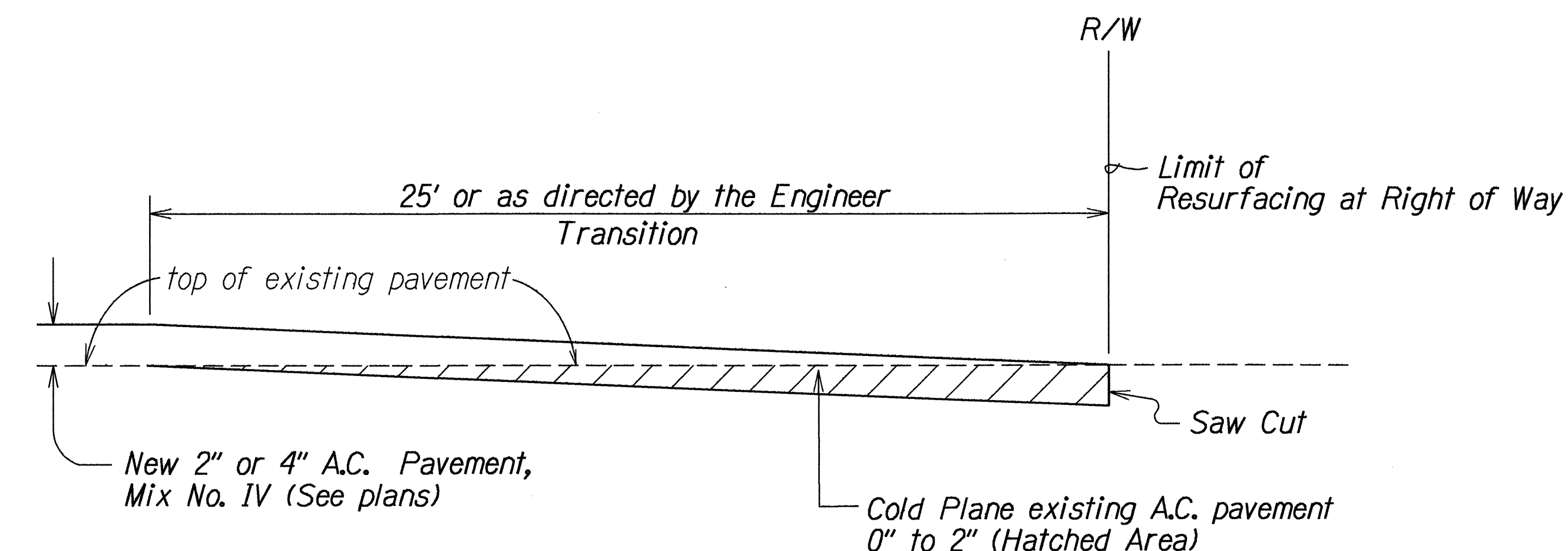
**COLD PLANED TRANSITION AT STRUCTURE**  
Not to Scale



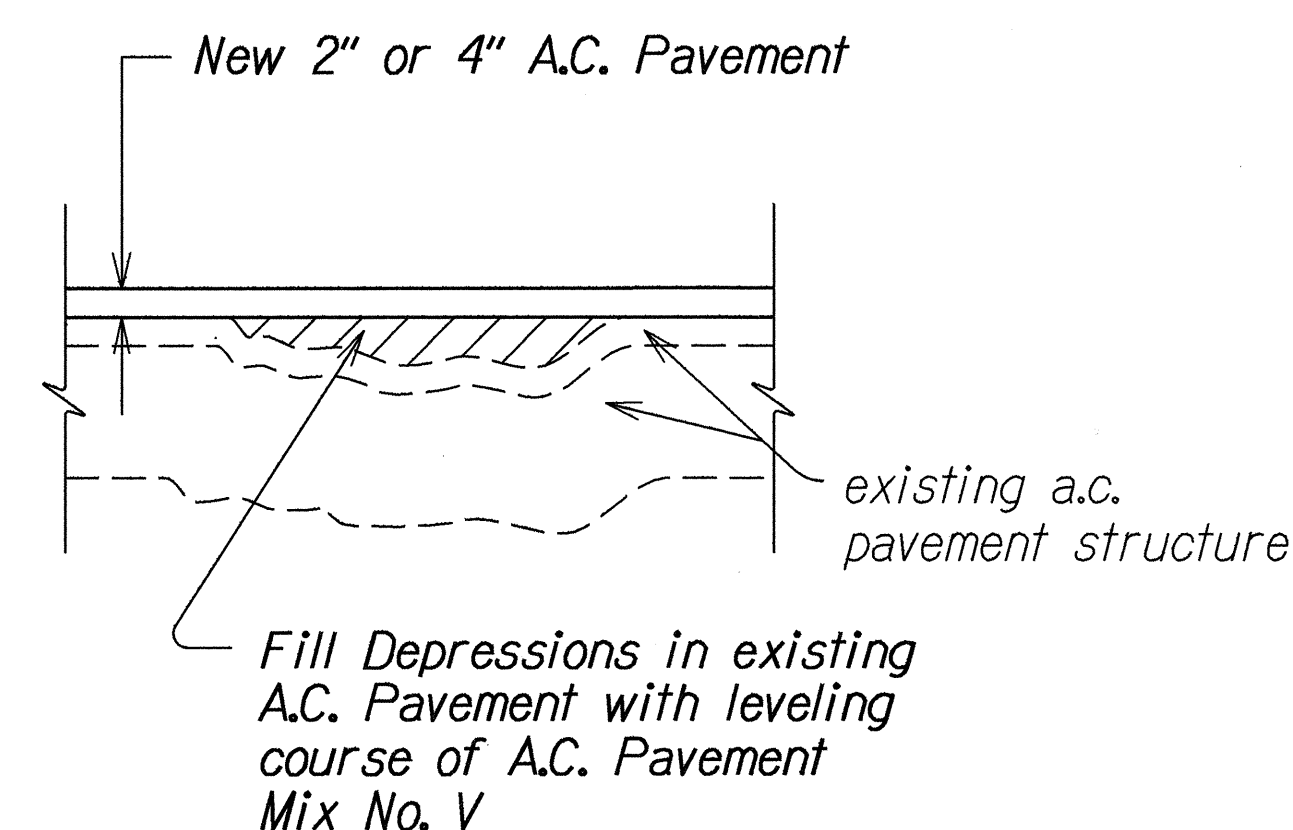
**COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT DETAIL**  
**BEGIN AND END OF PROJECT**  
Not To Scale



**A.C. PAVEMENT RECONSTRUCTION DETAIL**  
Not To Scale



**COLD PLANED TRANSITION AT SIDEROAD AND DRIVEWAY CONNECTIONS**  
Not To Scale



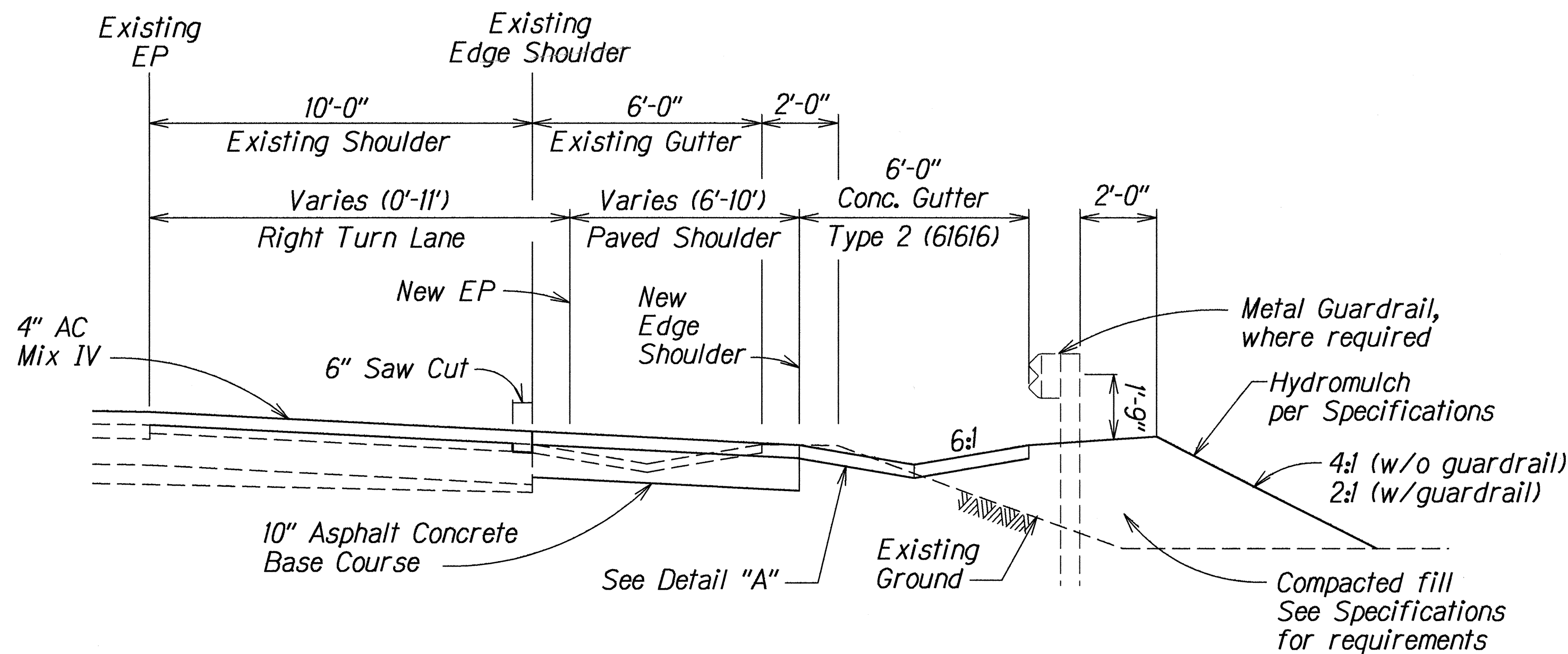
**LEVELING COURSE DETAIL**  
Not To Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	15/2/94
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
20/11/94	

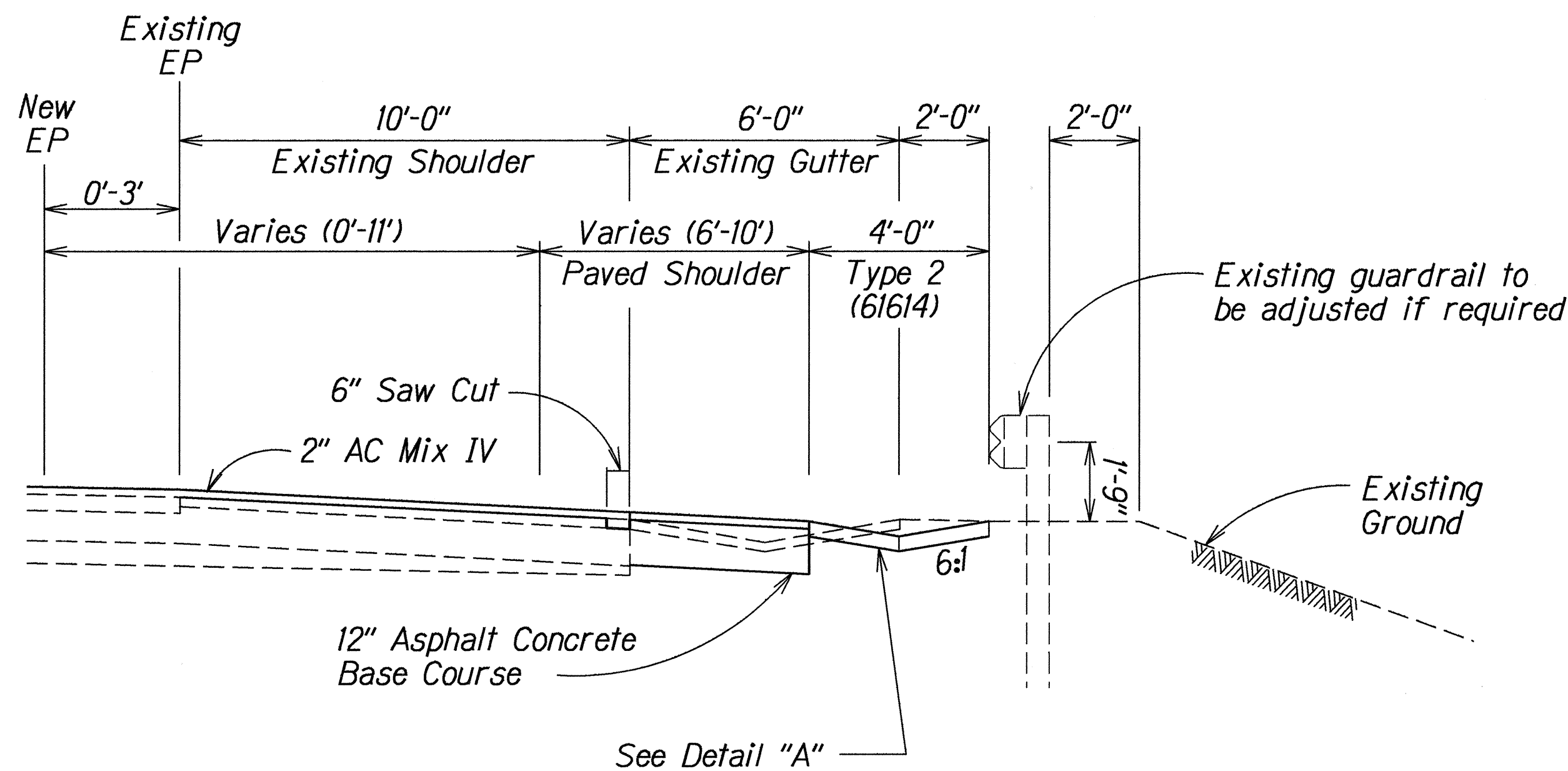
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS & DETAILS**  
  
**PIILANI HIGHWAY RESURFACING**  
Vicinity of Kealia Pond to Kilohana Drive  
Federal-Aid Project No. STP-031-1(8)  
Scale: As Shown Date: March, 1994  
SHEET No. 2 OF 3 SHEETS

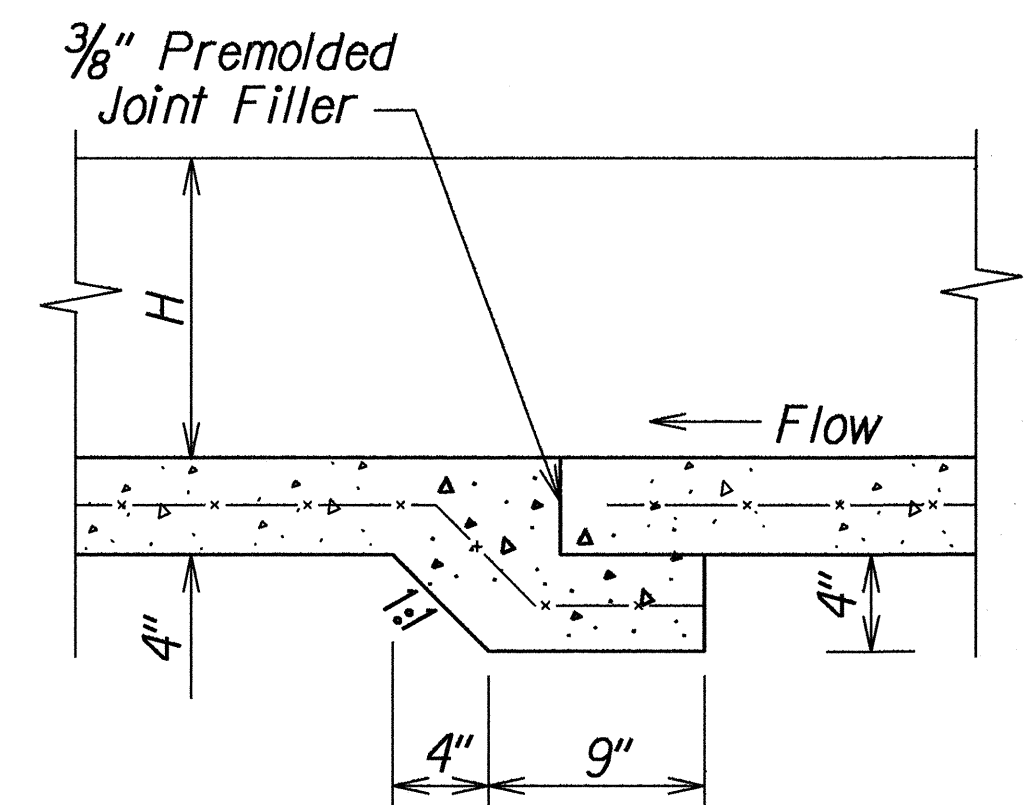
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-031-1(8)	1994	6	48



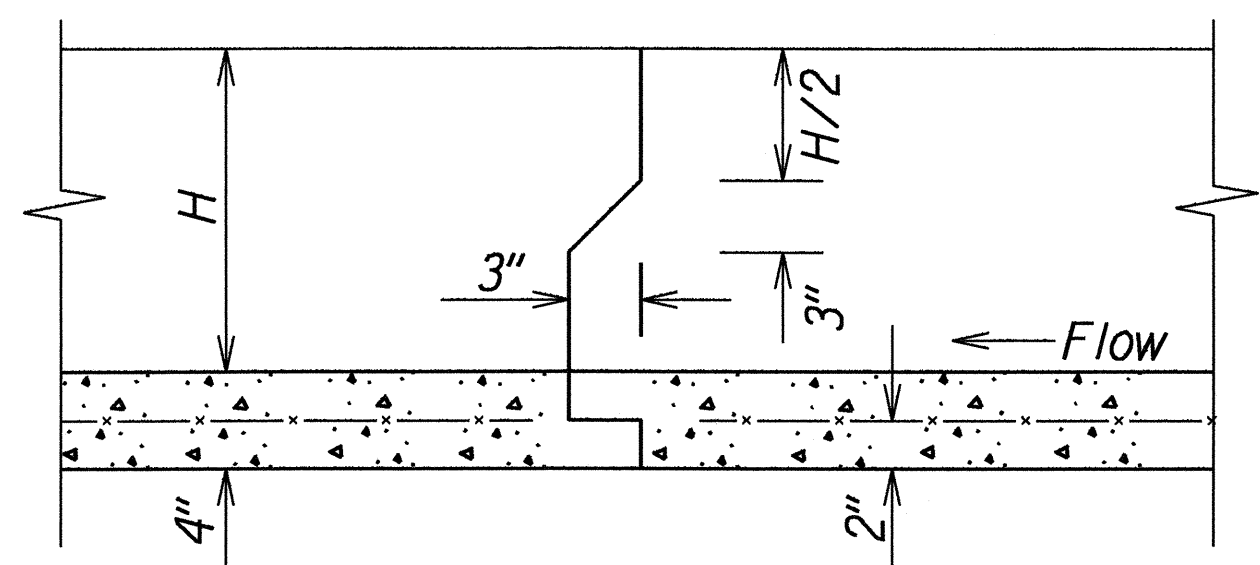
**TYPICAL PAVEMENT WIDENING**  
(MOI ST., OHUKAI ST., LIPOA ST.)  
Scale: 3/8" = 1'-0"



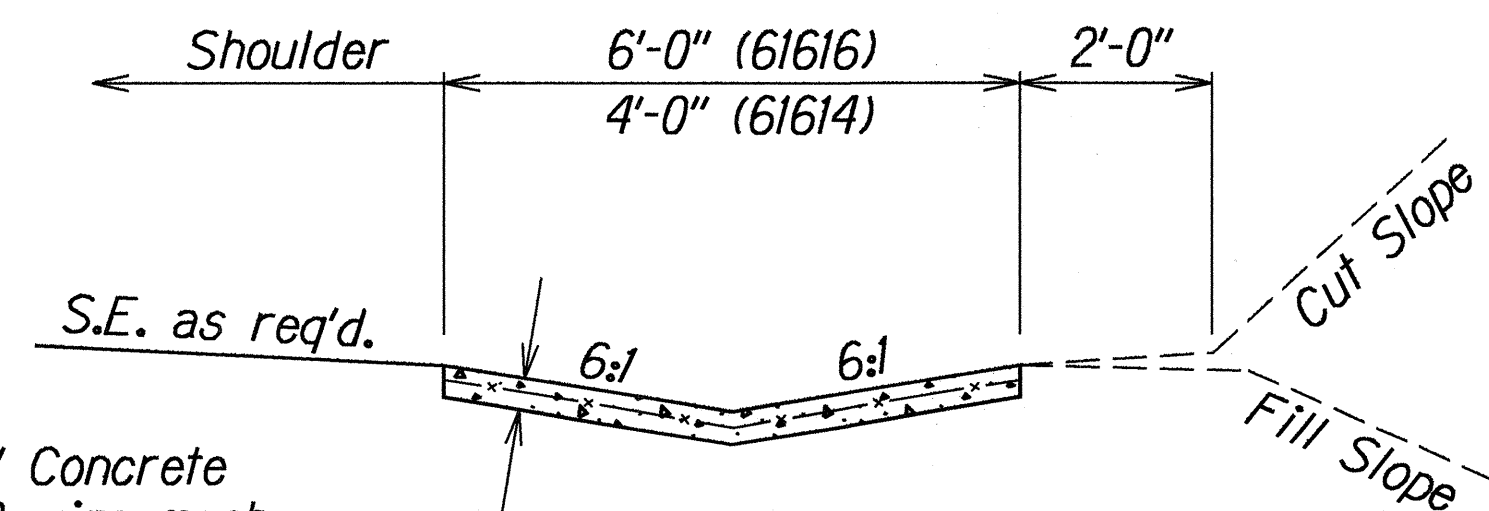
**TYPICAL PAVEMENT WIDENING**  
(KANANI RD., KEONEKAI RD., KILOHANA DR.)  
Scale: 3/8" = 1'-0"



**EXPANSION JOINT DETAIL**  
Not To Scale



**CONSTRUCTION JOINT DETAIL**  
Not To Scale



4" Class "B" Concrete  
w/6x6x10/10 wire mesh  
(wire mesh incidental to  
Class "B" Concrete)

**TYPE 2 CONCRETE GUTTER**  
Scale: 1/2" = 1'-0"

#### GUTTER NOTES:

- Demolishing and disposing of existing gutter will not be paid for separately but shall be considered incidental to the installation of gutter, Type 2.
- Gutter transition will be determined in the field by the Engineer. Minimum transition length shall be 20 feet. Payment for transition sections will be made under respective gutter Type (61616 or 61614).
- Cleaning and grubbing, grading and construction of embankment will not be paid for separately but shall be considered incidental to Roadway Excavation.
- The Contractor shall schedule his work to minimize imported materials required for the job. Payment for imported will be considered incidental to Roadway Excavation;
- Hydromulching will not be paid for separately but shall be considered incidental to Roadway Excavation. The Contractor is directed to the specification requirements regarding planting period and plant establishment period.
- Structure excavation for drainage structures and appurtenances will not be paid for separately but will be considered incidental to various pay items.

SURVEY PLOTTED BY	DATE
DRAWN BY	15-21-94
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
2010ms3490	
N	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS & DETAILS**  
  
**PIILANI HIGHWAY RESURFACING**  
Vicinity of Kealia Pond to Kilohana Drive  
Federal-Aid Project No. STP-031-1(8)  
  
Scale: As Shown      Date: March, 1994

SHEET No. 3 OF 3 SHEETS