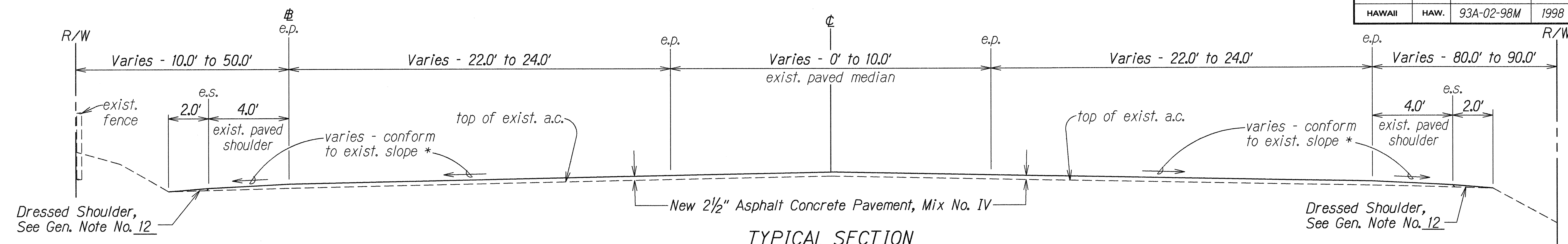
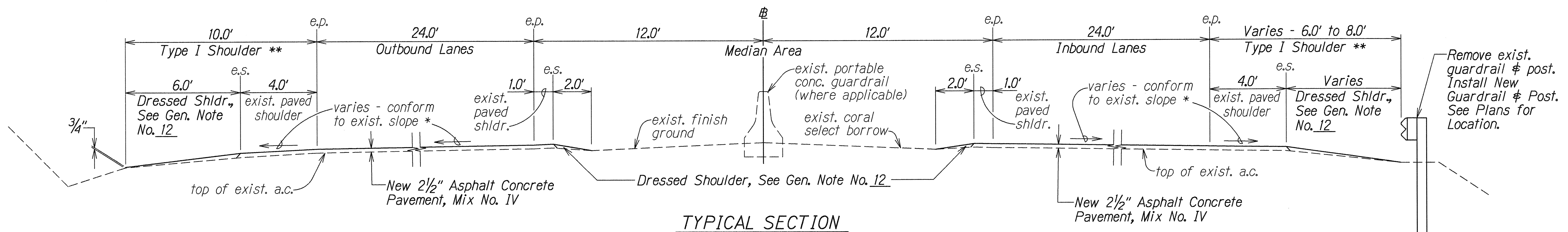


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-02-98M	1998	5	27

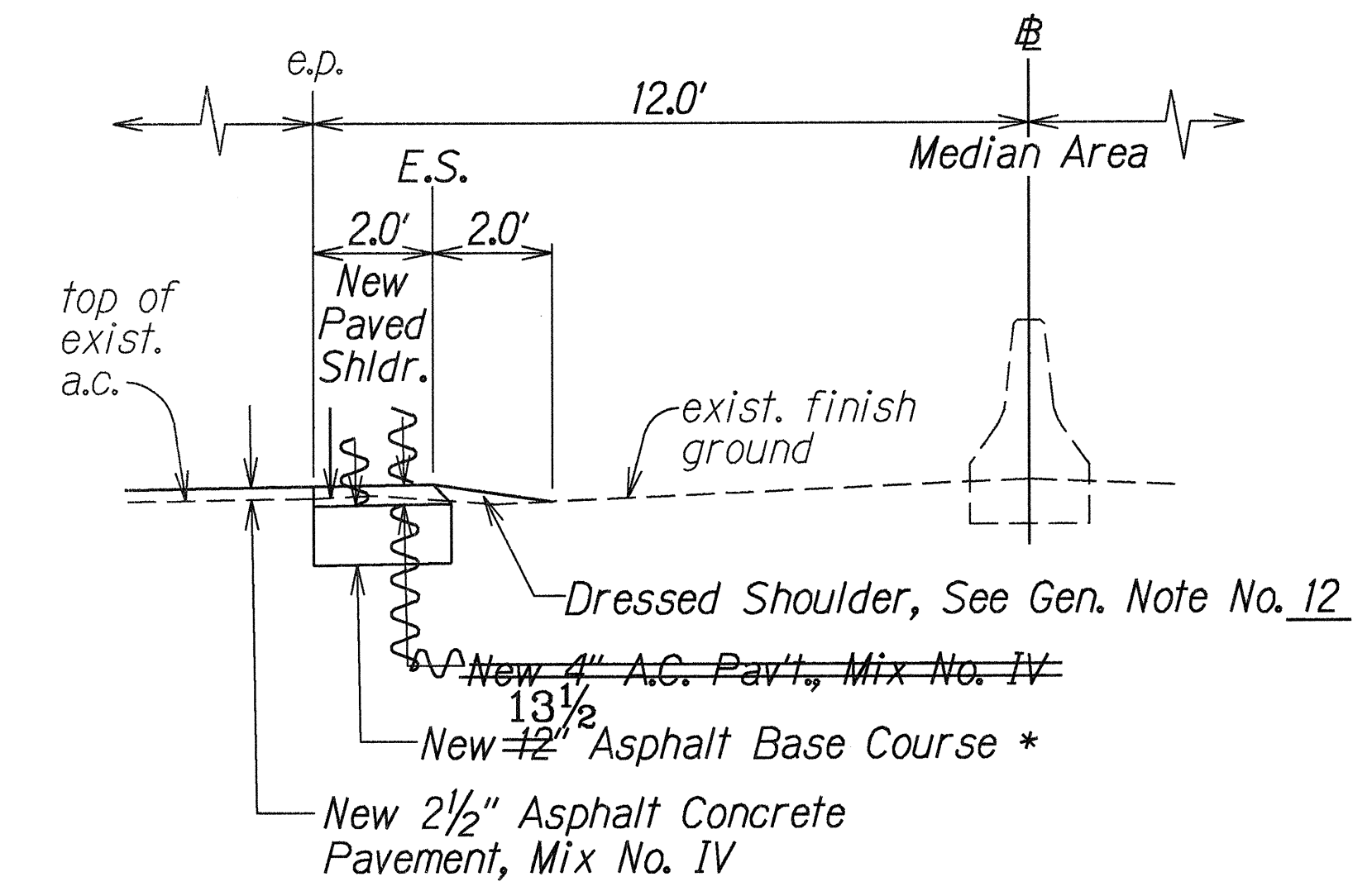


TYPICAL SECTION
 STA. 216+47± TO STA. 219+80±
 Scale: 3/8" = 1.0'



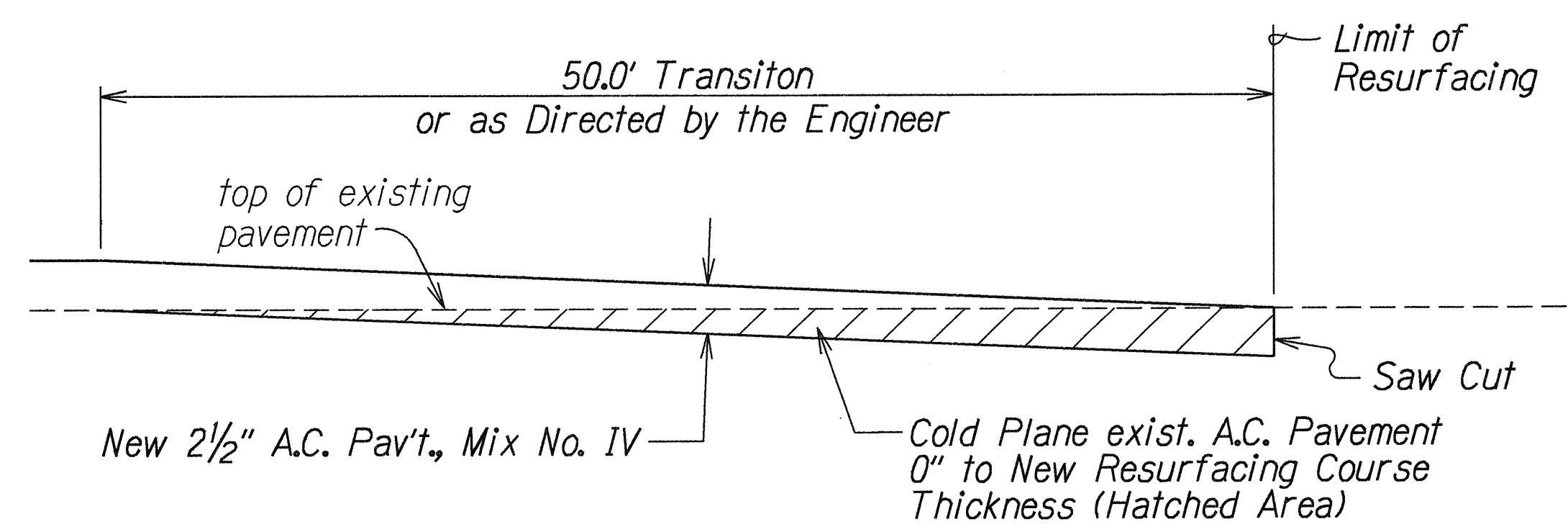
TYPICAL SECTION
 Scale: 3/8" = 1.0'

- * Shoulder Slope not to exceed 5%, Inbound & Outbound Travel Lane Slope not to exceed 2%
- ** See Detail for Type II Shoulder

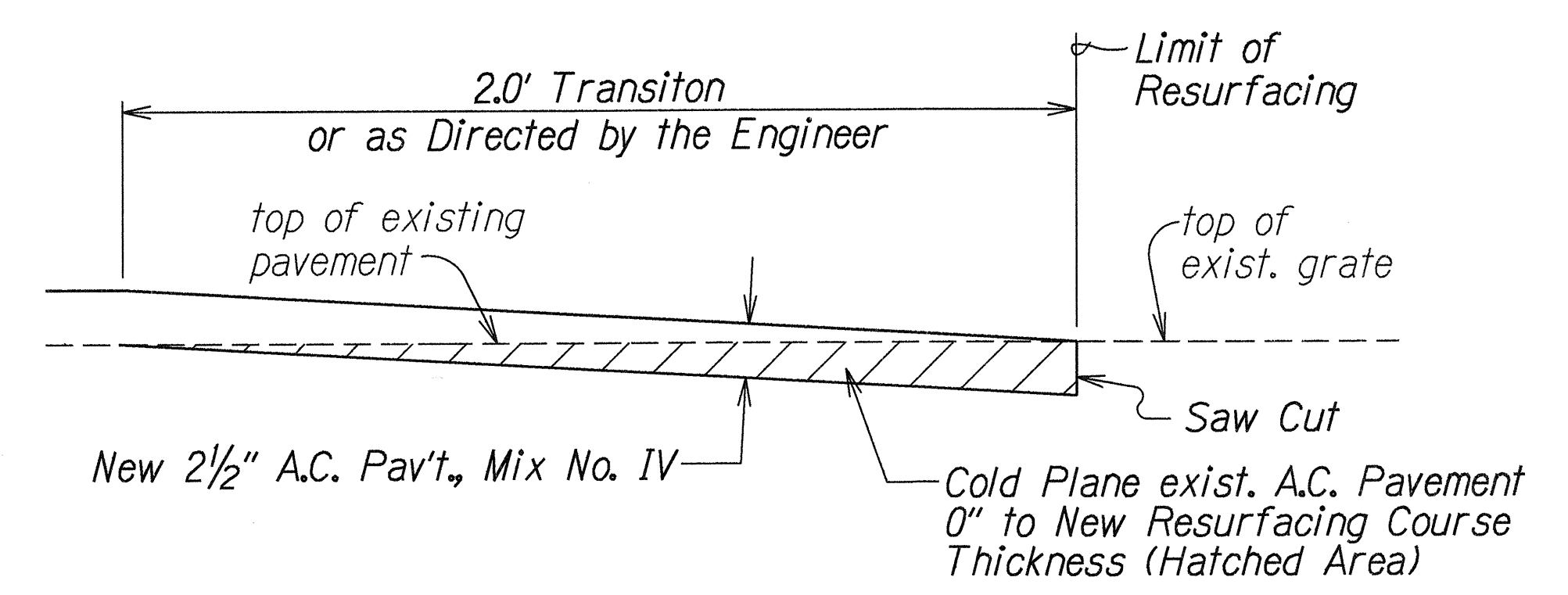


* If field conditions necessitate, an additional 6" of aggregate subbase will be required below the asphalt base course. The cost for the subbase shall be incidental to the asphalt base course.

TYPICAL SECTION 30
 Sta. 47+70± to Sta. 69+80± &
 Sta. 29+30± to Sta. 41+65±
 Scale: 3/8" = 1.0'



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
 Not To Scale



COLD PLANED TRANSITION TO EXISTING GRATE
 Not To Scale

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS
 FARRINGTON HIGHWAY RESURFACING
 Piliokoe Bridge to Vicinity of Aliiui Dr.
 Project No. 93A-02-98M
 Scale: As Shown Date: April 1998
 SHEET No. 1 OF 3 SHEETS

6/16/98	Revised Typical Section.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-02-98M	1998	6	27

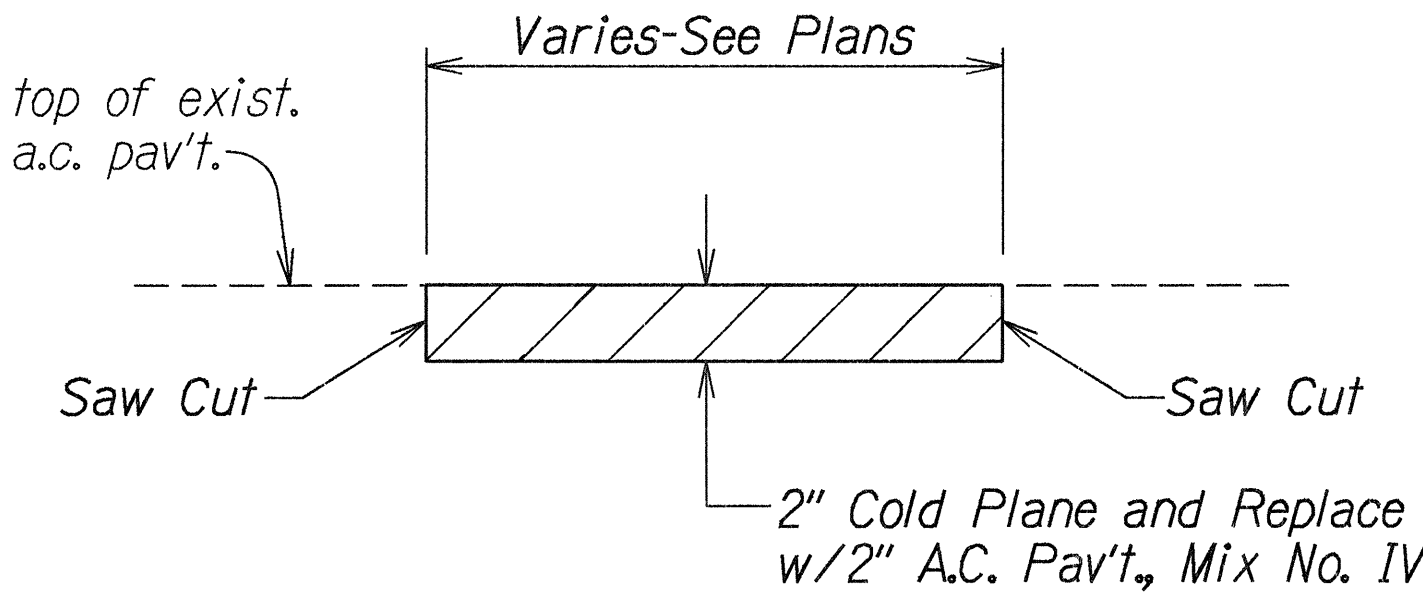
SCHEDULE OF ASPHALT CONCRETE SHOULDERS

OUTBOUND LANES

STATION TO STATION	TYPE OF SHOULDER	A.C. SHOULDER WIDTH (FT.)
Sta. 216+69± to Sta. 237+16±	I	4
Sta. 5+00± to Sta. 13+20±	I	4
Sta. 14+20± to Sta. 23+96±	I	4
Sta. 24+62± to Sta. 27+45±	I	4
Sta. 33+23± to Sta. 42+15±	I	4
Sta. 43+43± to Sta. 51+08±	I	4
Sta. 51+08± to Sta. 76+80±	II	6

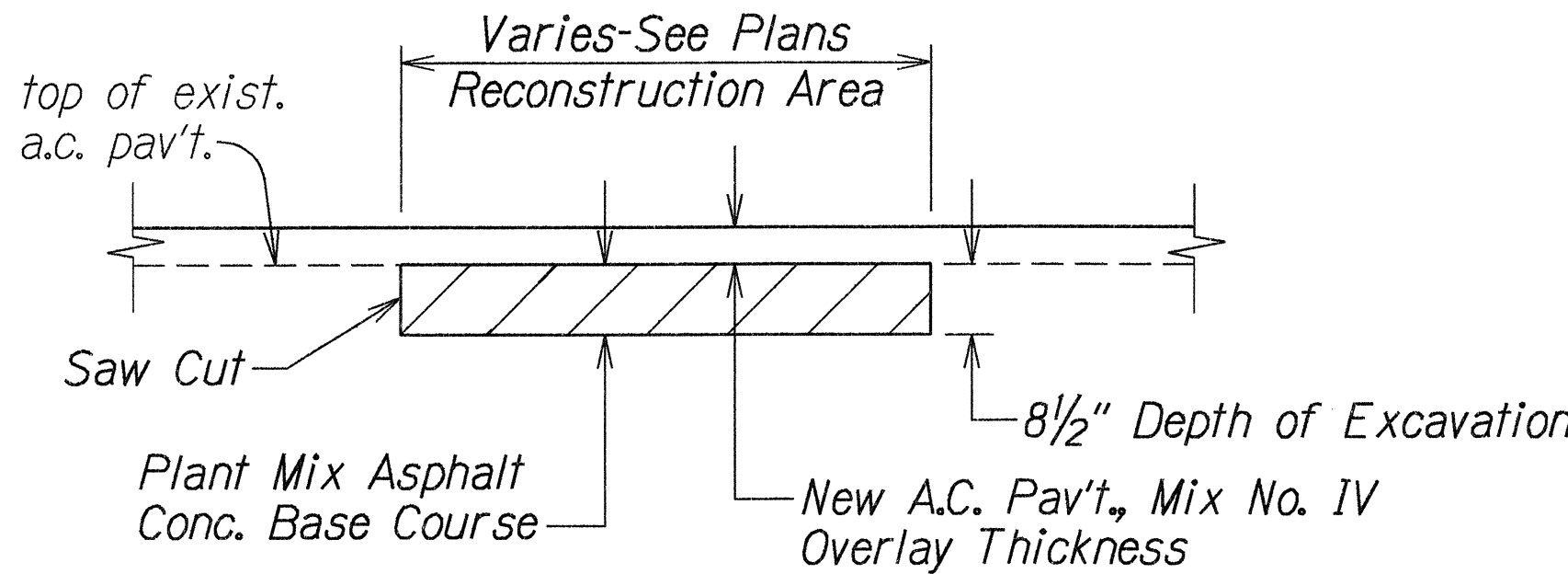
INBOUND LANES

STATION TO STATION	TYPE OF SHOULDER	A.C. SHOULDER WIDTH (FT.)
Sta. 216+69± to Sta. 233+70±	I	4
Sta. 233+70± to Sta. 237+16±	II	6
Sta. 5+00± to Sta. 13+60±	II	6
Sta. 13+65± to Sta. 23+96±	II	6
Sta. 24+62± to Sta. 33+50±	II	6
Sta. 33+50± to Sta. 42+45±	I	4
Sta. 43+20± to Sta. 108+78±	I	4



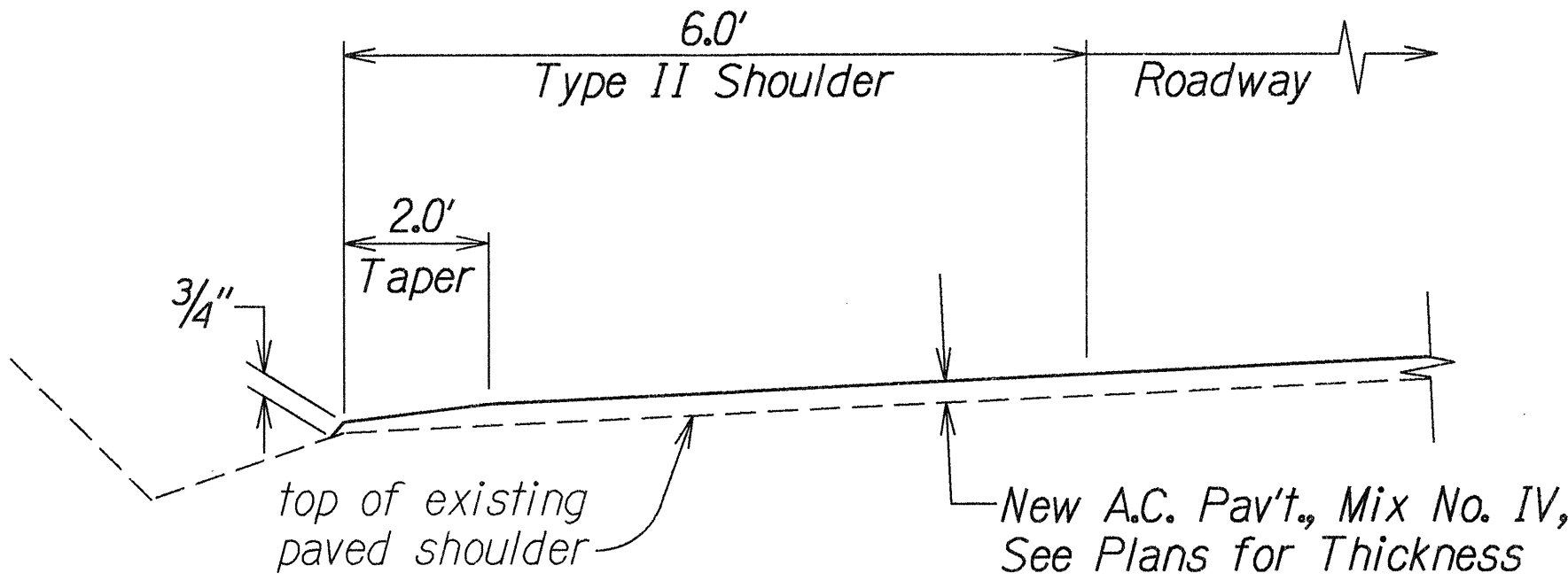
A.C. COLD PLANING DETAIL

Not To Scale



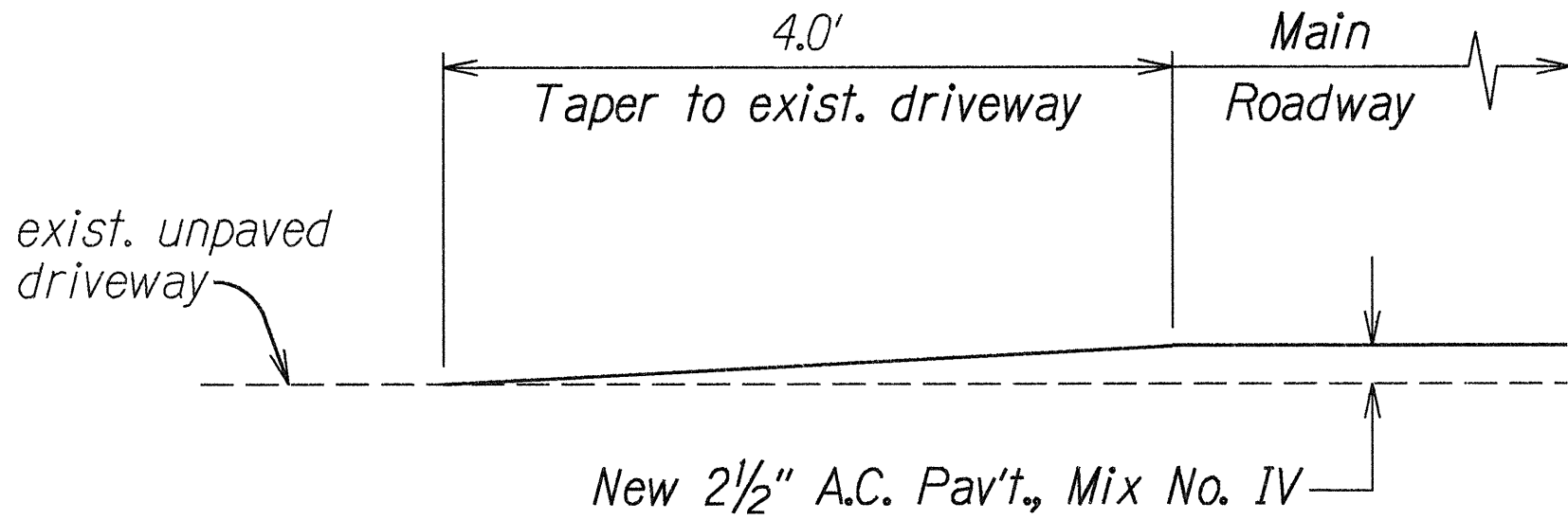
A.C. PAVEMENT RECONSTRUCTION DETAIL

Not To Scale



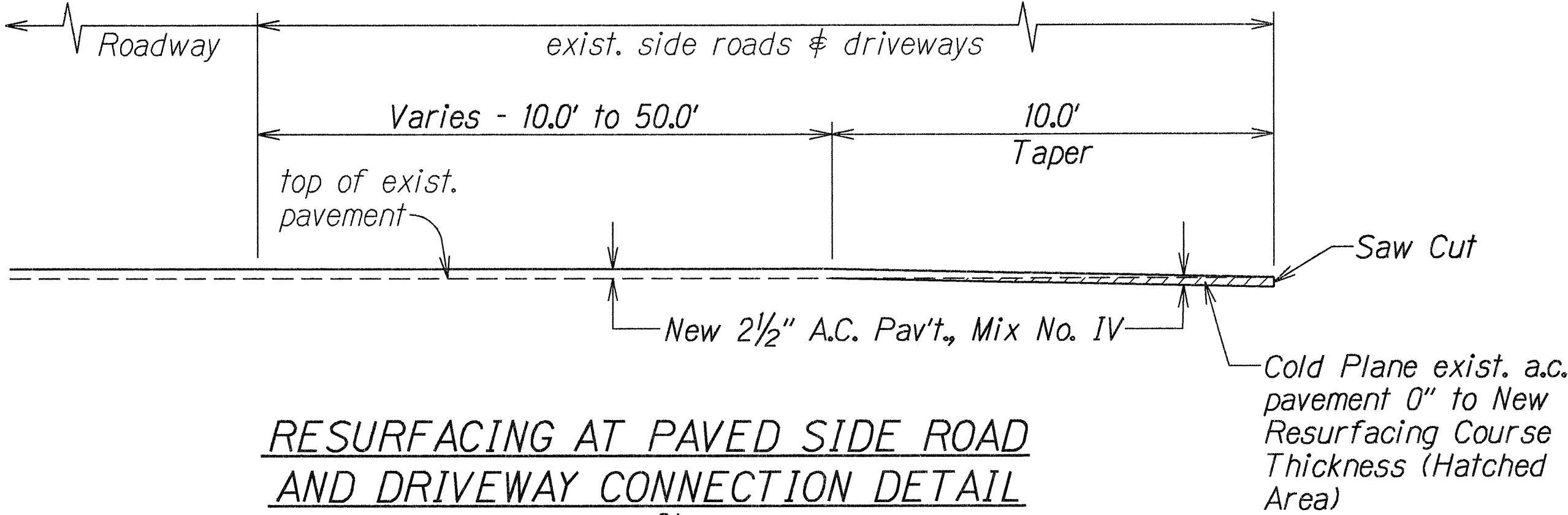
RESURFACING AT PAVED SHOULDER DETAIL

Not To Scale



RESURFACING AT UNPAVED DRIVEWAY CONNECTION DETAIL

Scale: 1"=1.0'



RESURFACING AT PAVED SIDE ROAD AND DRIVEWAY CONNECTION DETAIL

Scale: 3/8"=1.0'

6/17/98 Revised "Resurfacing At Paved Side Road and Driveway Connection Detail"

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL DETAILS &
A.C. SHOULDER SCHEDULE**

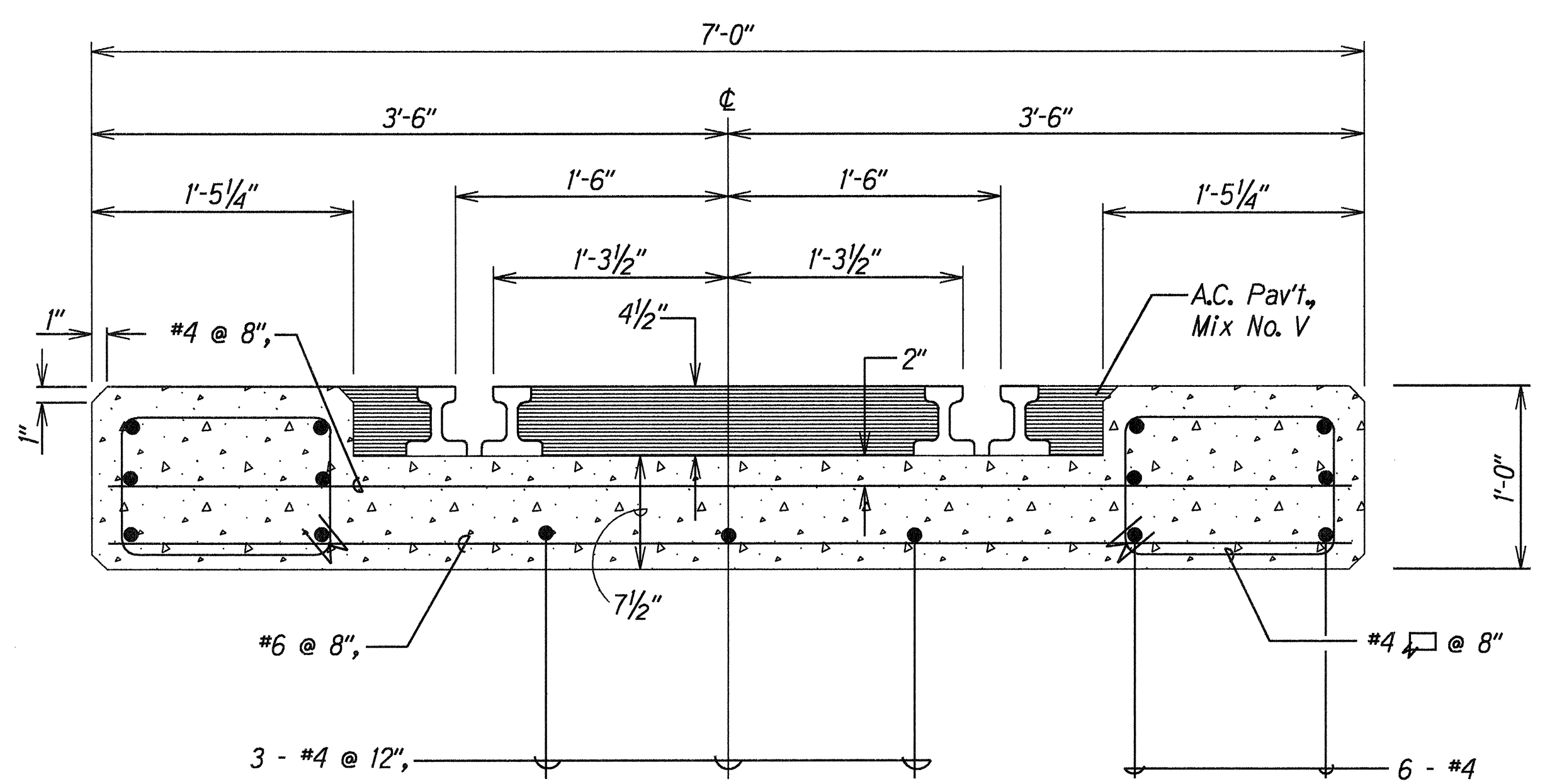
FARRINGTON HIGHWAY RESURFACING
Piliokoe Bridge to Vicinity of Aliinui Dr.
Project No. 93A-02-98M

Scale: As Shown Date: April 1998

SHEET No. 2 OF 3 SHEETS

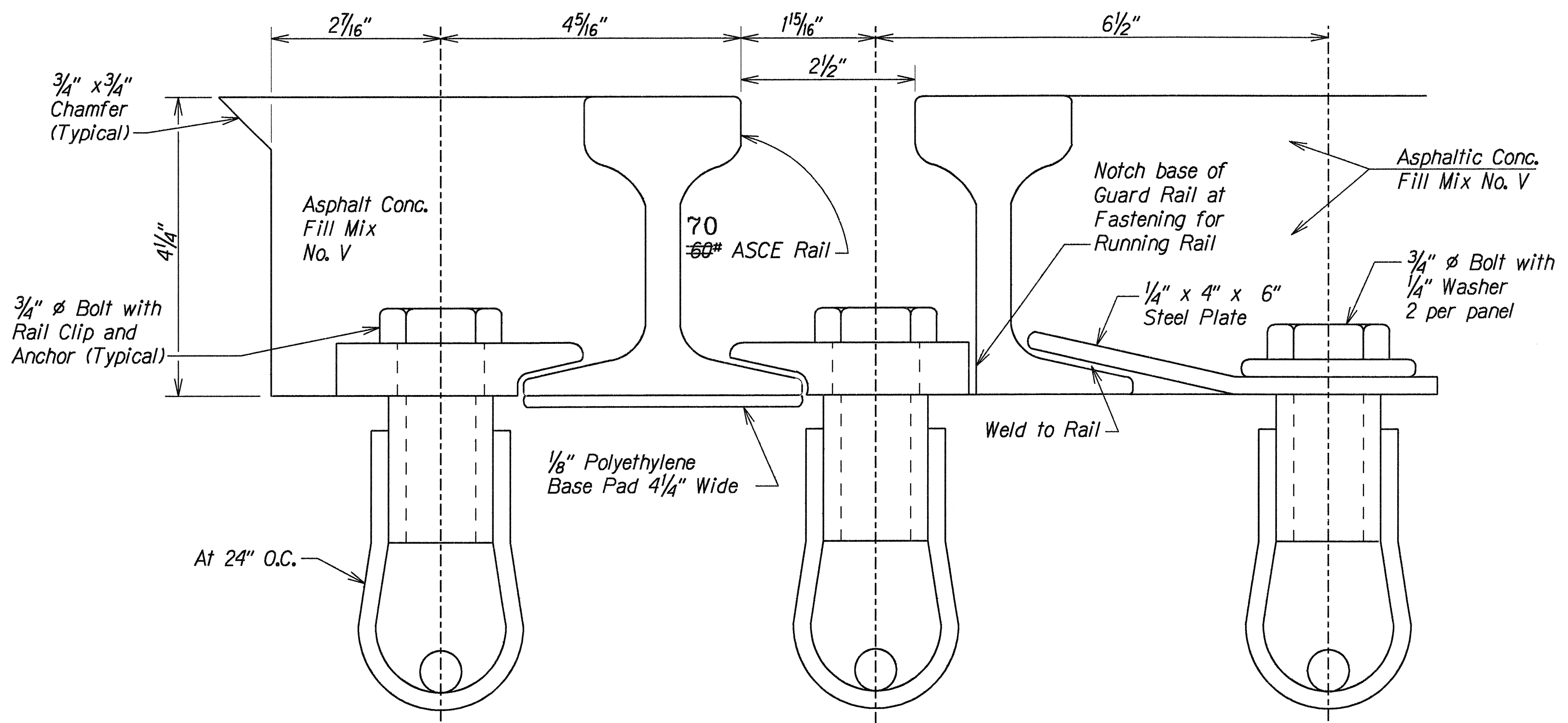
DESIGNED BY	DATE
CHECKED BY	14/21/98
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-02-98M	1998	7	27



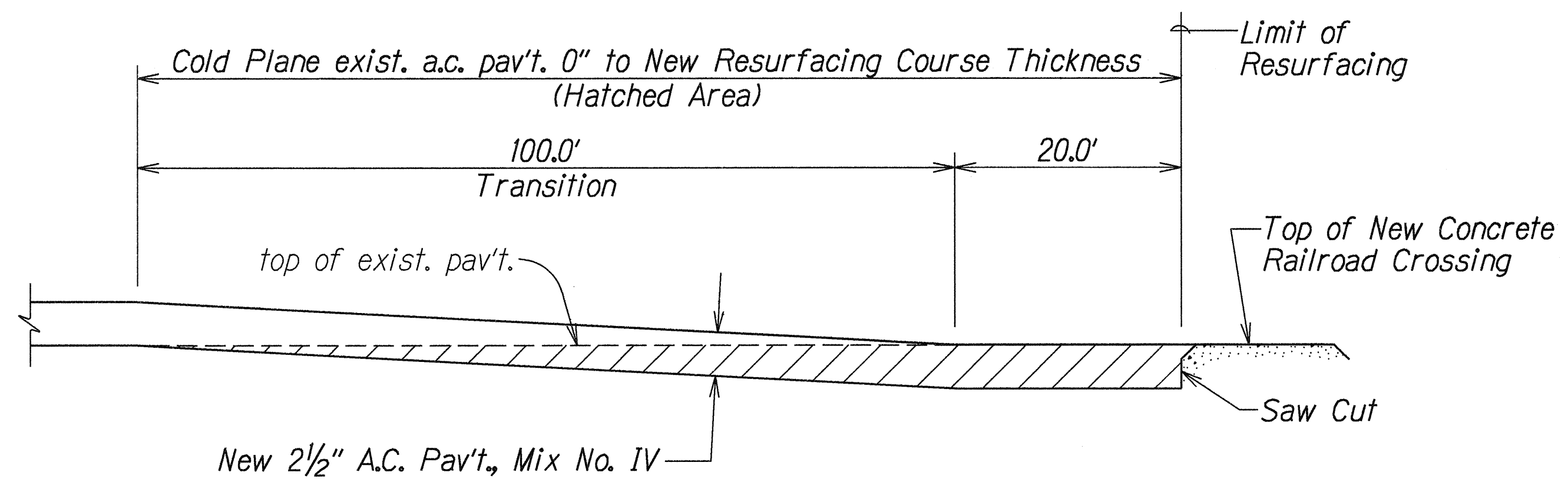
- NOTES:
1. All concrete shall be pre-cast. $f_c' = 5000$ PSI.
 2. Pre-cast sections shall have a length of 8'-0".
 3. All reinforcing steel shall be Grade 60.
 4. All reinforcing clearances from concrete edges shall be $1\frac{1}{2}$ ", unless otherwise noted.
 5. The Hawaiian Railway Society will provide the rails for the crossing. The Contractor shall coordinate their work with the Hawaiian Railway Society.

PRE-CAST CONCRETE RAILROAD
CROSSING UNIT DETAIL
Scale: $1\frac{1}{2}$ "=1'

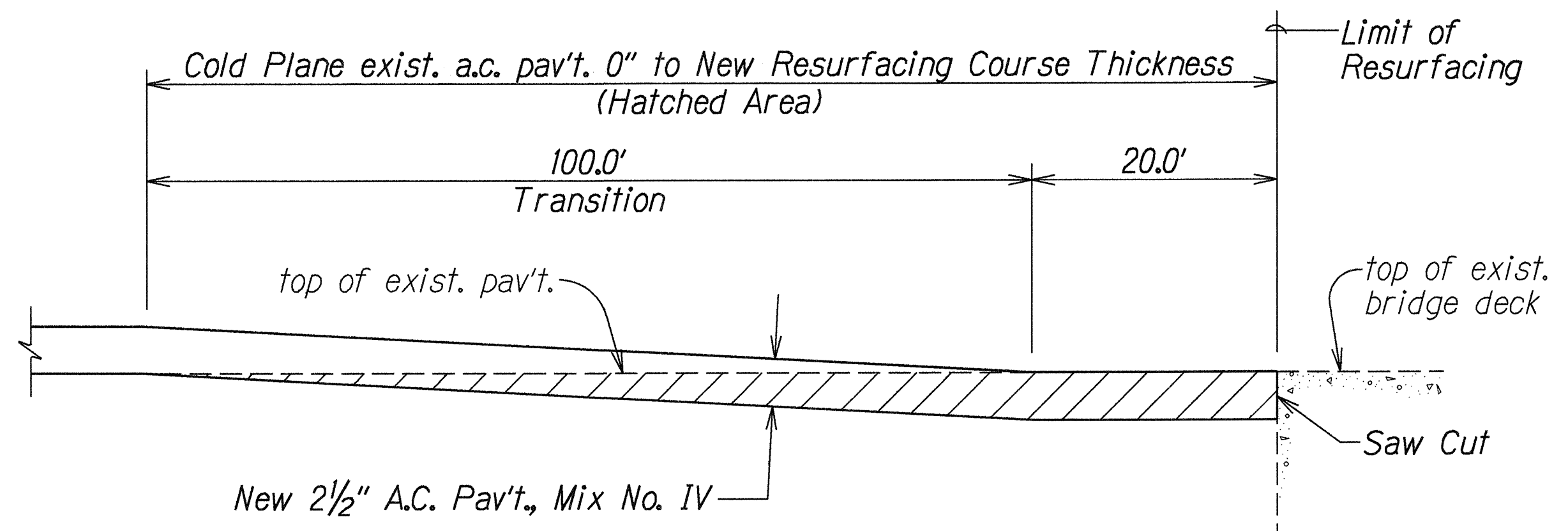


- NOTES:
- Polyethylene base pads for rail shall conform to ASTM Designation D 1248, Type III, Class C, Grade 5 for high density polyethylene plastic with a durometer hardness of 60 to 65 D. The hardness shall be stable between plus 140 degrees F and minus 40 degrees F.

DETAIL AT RAIL CLIP
Not To Scale



COLD PLANED TRANSITION TO
CONCRETE RAILROAD CROSSING
Not to Scale



COLD PLANED TRANSITION TO BRIDGE DECK
Not to Scale

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
FARRINGTON HIGHWAY RESURFACING
Piliokoe Bridge to Vicinity of Aliinui Dr.
Project No. 93A-02-98M
Scale: As Shown Date: April 1998
SHEET No. 3 OF 3 SHEETS