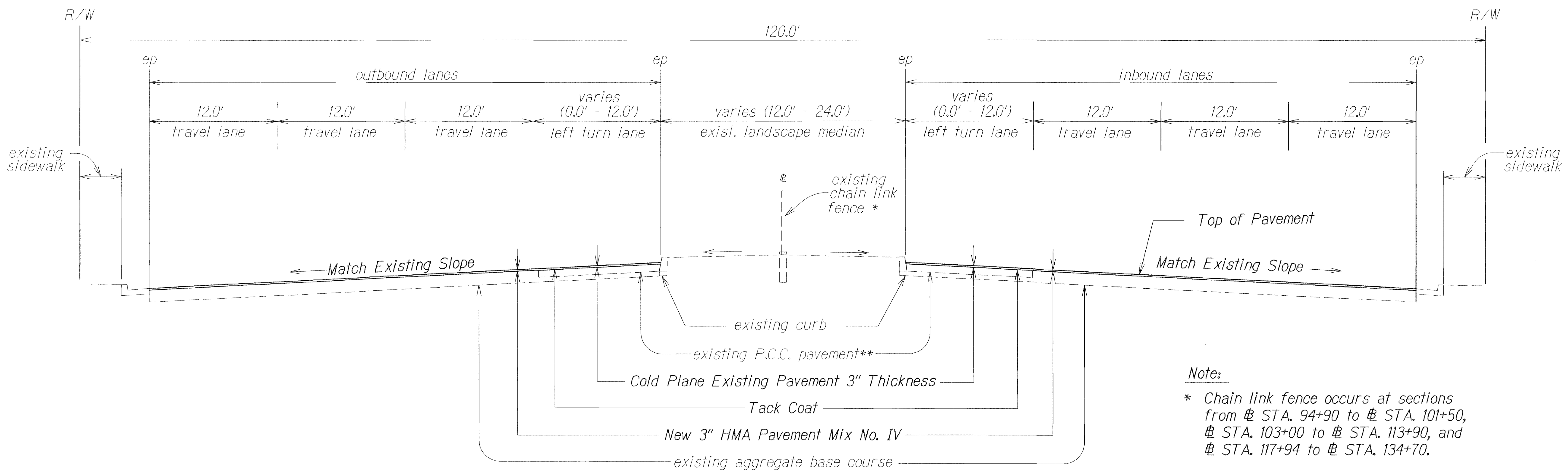
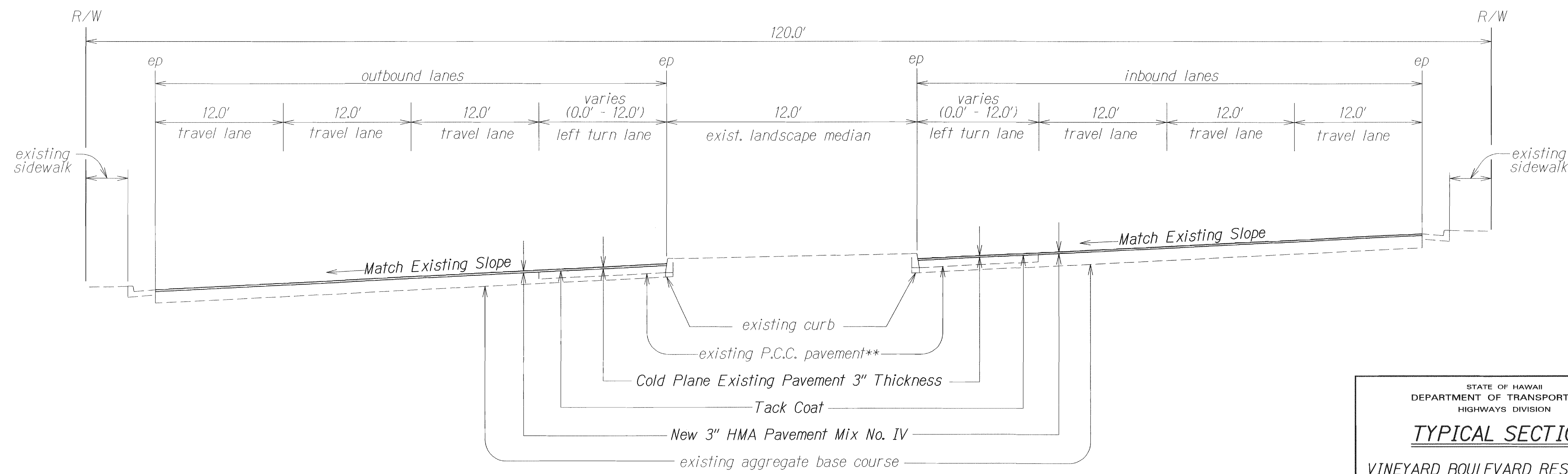


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-098-1(011)	2012	7	64



VINEYARD BLVD. ± STA. 86+49.98± TO ± STA. 143+00±
Not to Scale

- Note:
- * Chain link fence occurs at sections from ± STA. 94+90 to ± STA. 101+50, ± STA. 103+00 to ± STA. 113+90, and ± STA. 117+94 to ± STA. 134+70.
 - ** Contractor may encounter P.C.C. pavement 1½" to 2"± beneath A.C. pavement at auxiliary lanes.



VINEYARD BLVD. ± STA. 143+00± TO ± STA. 147+33±
Not to Scale

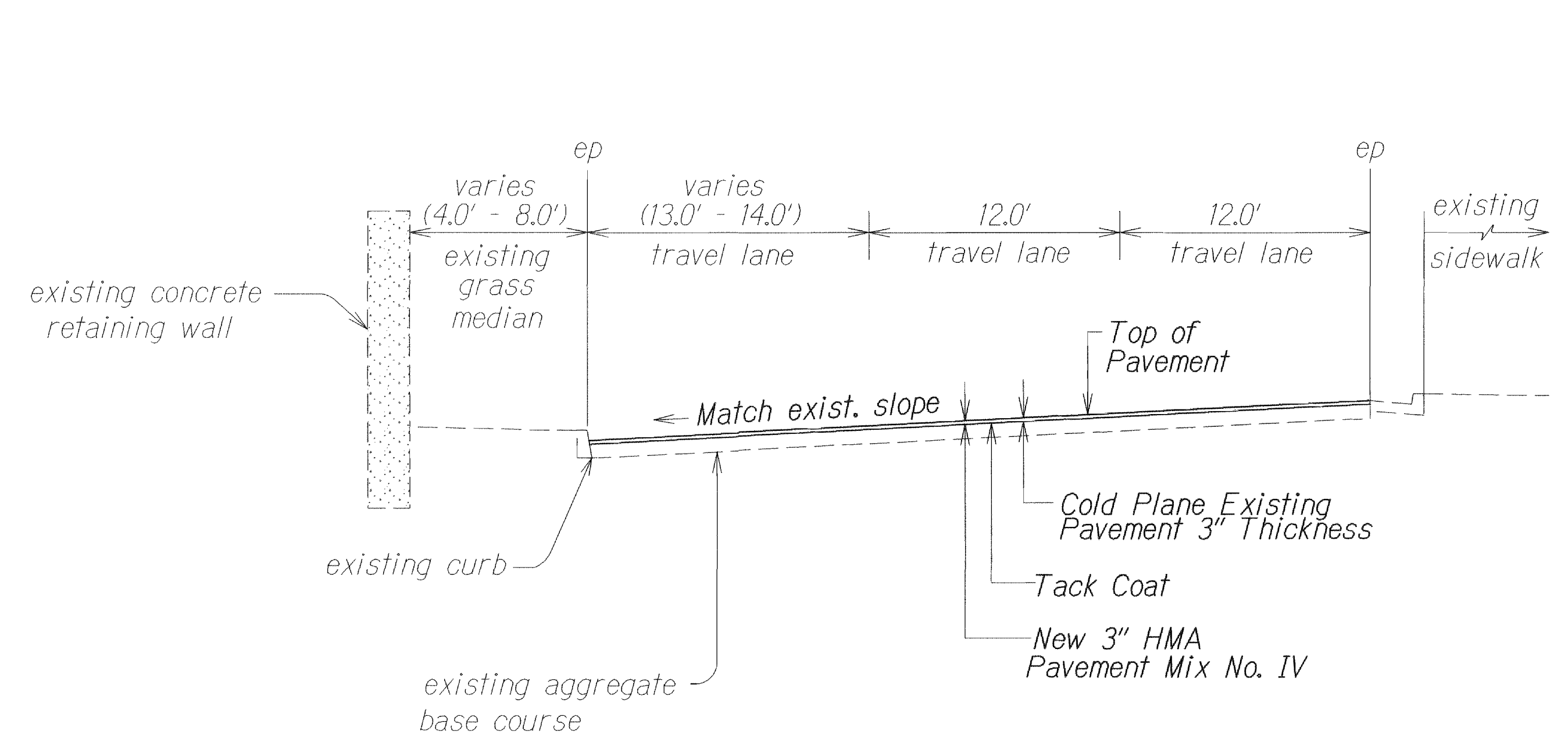
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

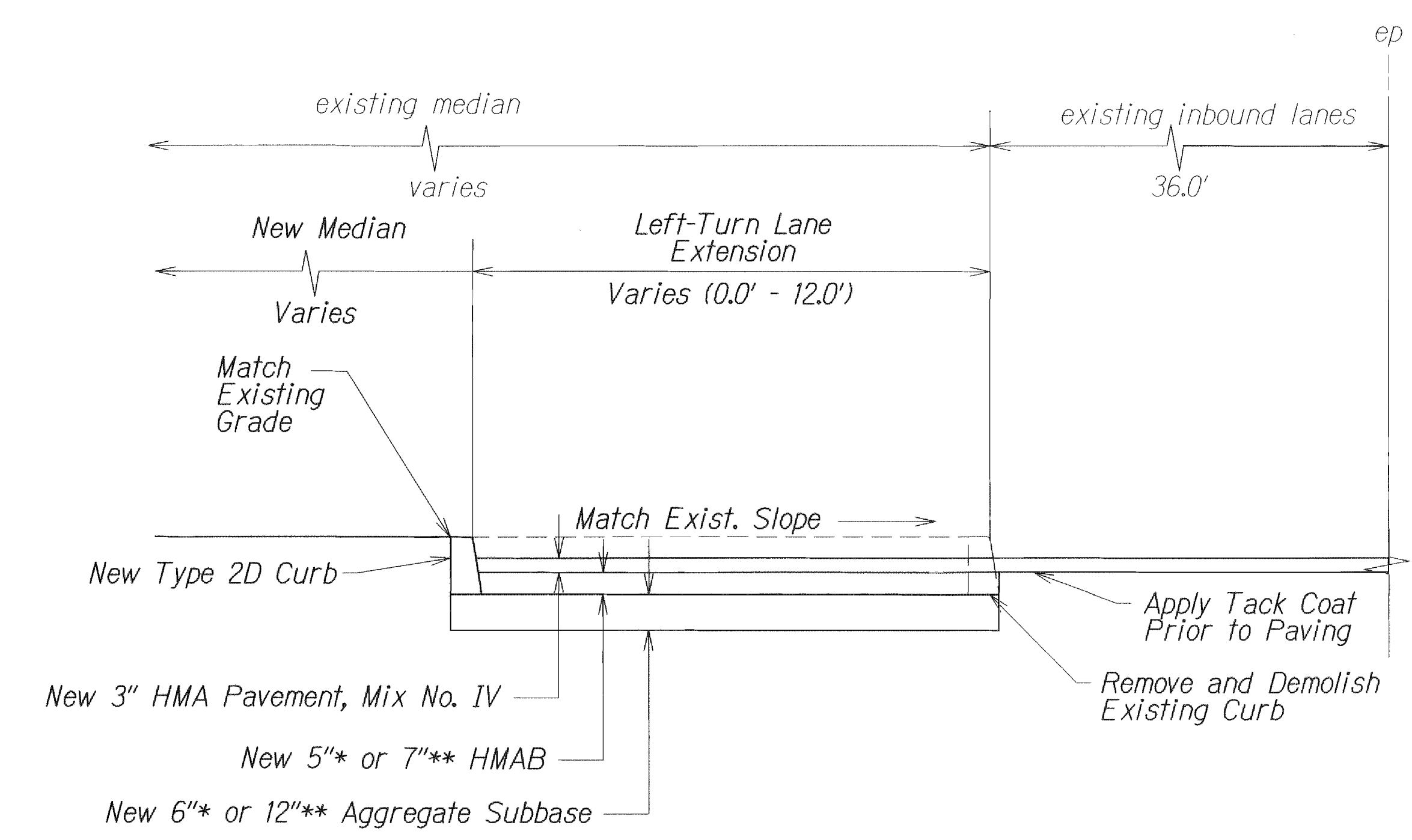
VINEYARD BOULEVARD RESURFACING
Vicinity of Palama St. to End of H-1 On-and-off Ramp
Federal Aid Project No. STP-098-1(011)
Scale: Not to Scale Date: November, 2012

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
QUANTITIES BY	CHECKED BY	

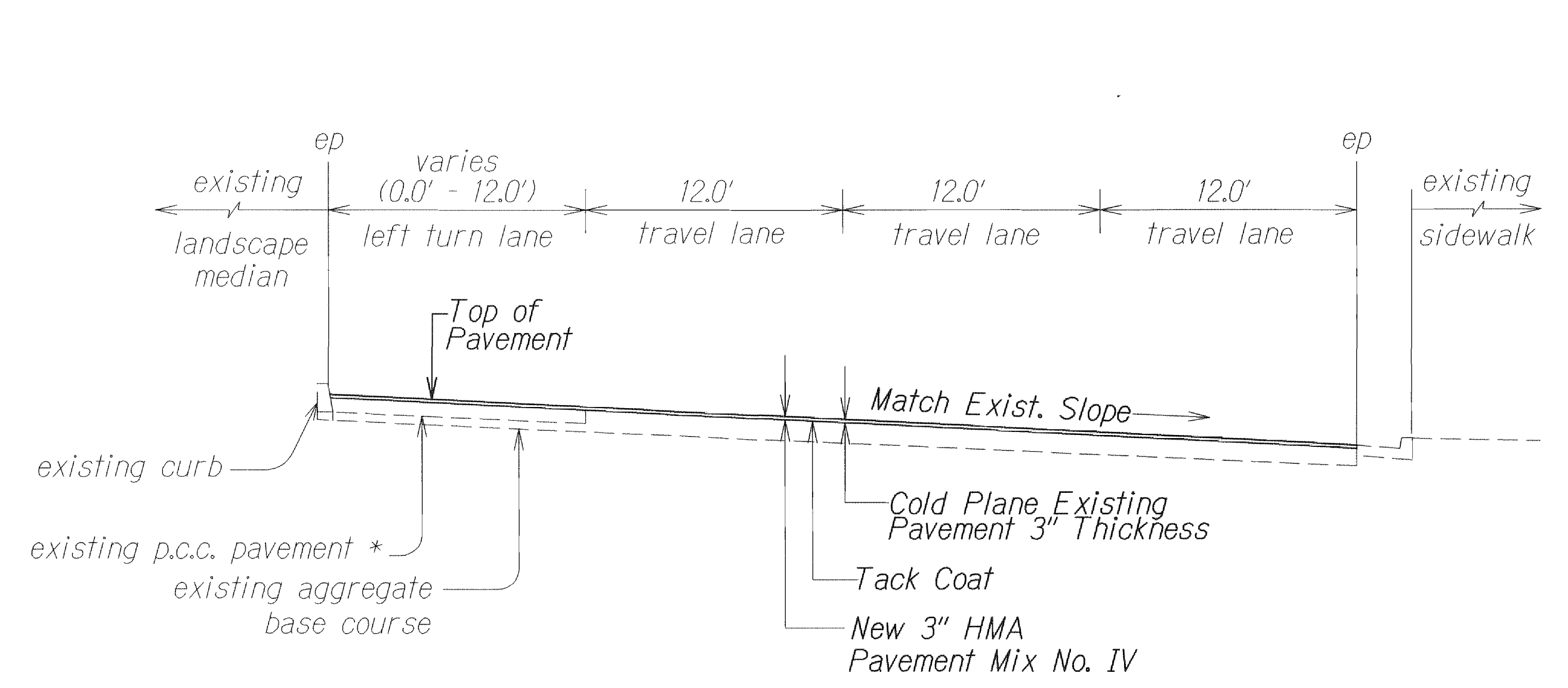
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-098-1(011)	2012	8	64



OLOMEA STREET @ STA. 19+00± TO @ STA. 25+62±
Not to Scale

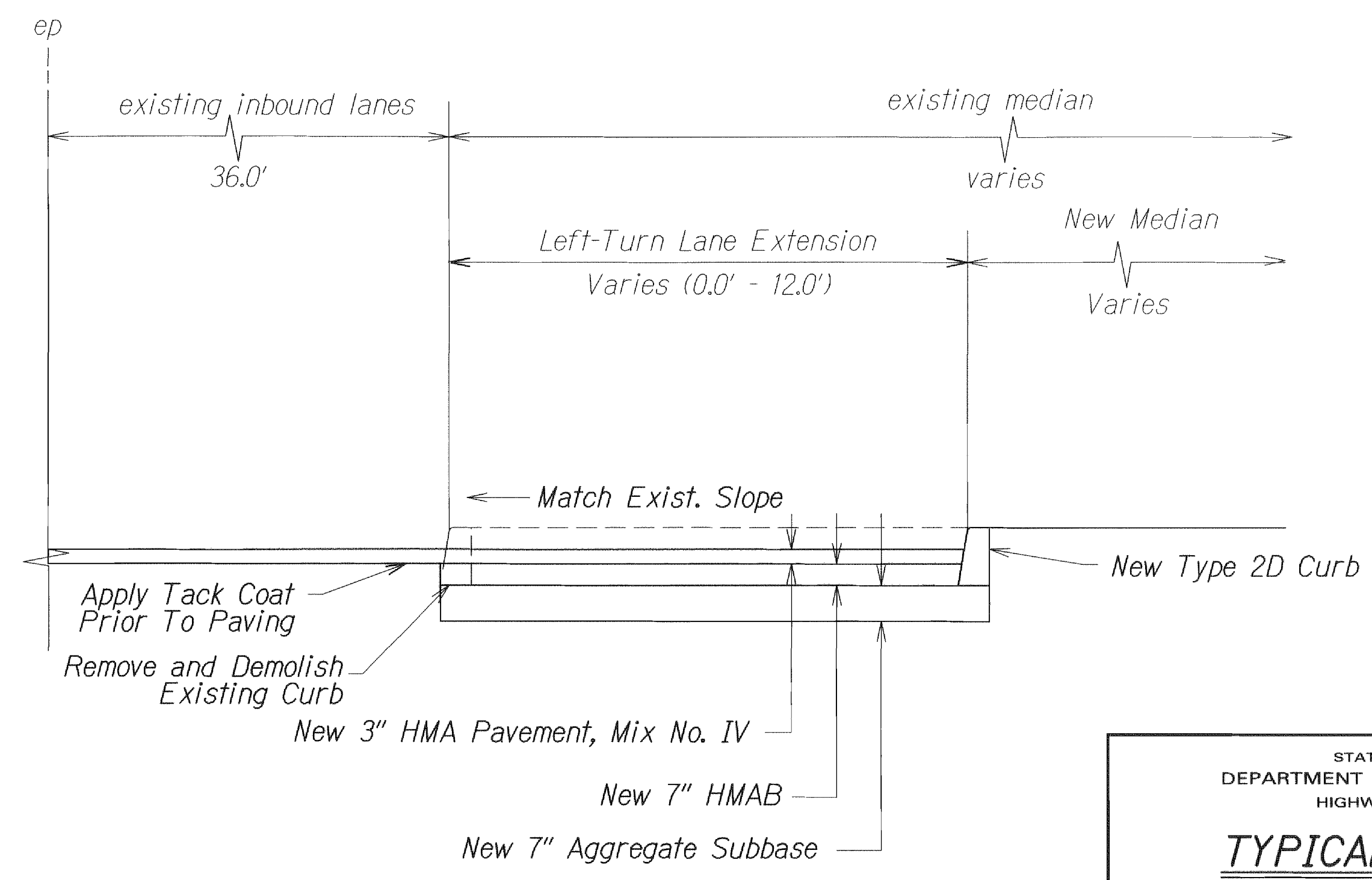


LEFT TURN LANE ONTO PALAMA ST. (OLOMEA ST. @ STA. 25+20± TO @ STA. 28+00±) @ LILIHA ST. (VINEYARD BLVD. @ STA. 97+30± RT. TO @ STA. 100+20± RT.**)
Not to Scale



**Note:*
 Contractor may encounter P.C.C. pavement 2"± beneath A.C. pavement at left turn lane.

OLOMEA STREET @ STA. 25+62± TO @ STA. 29+61.56±
Not to Scale



LEFT TURN LANE ONTO LILIHA ST. @ STA. 104+54± LT. TO @ STA. 106+56± LT.
Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL SECTIONS

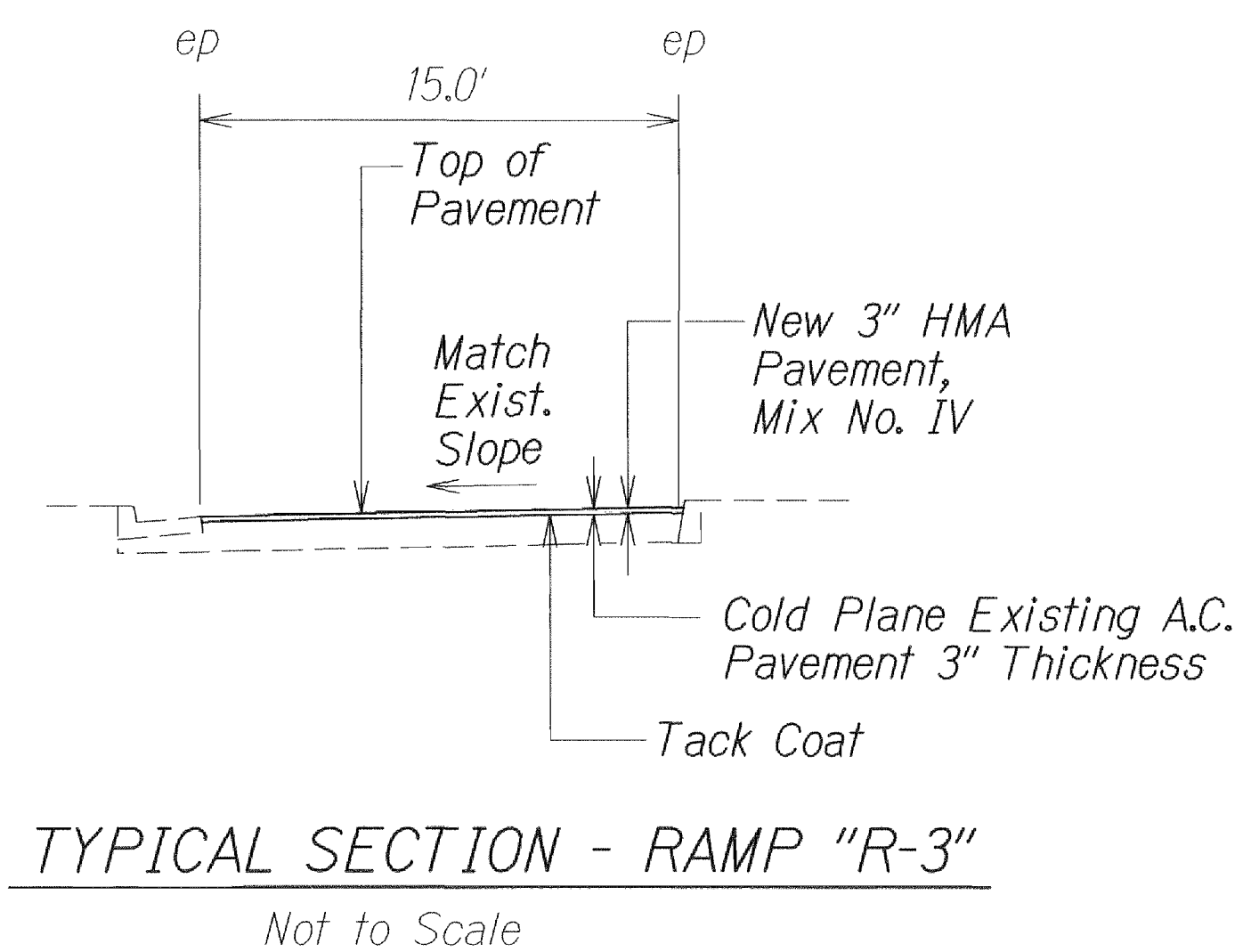
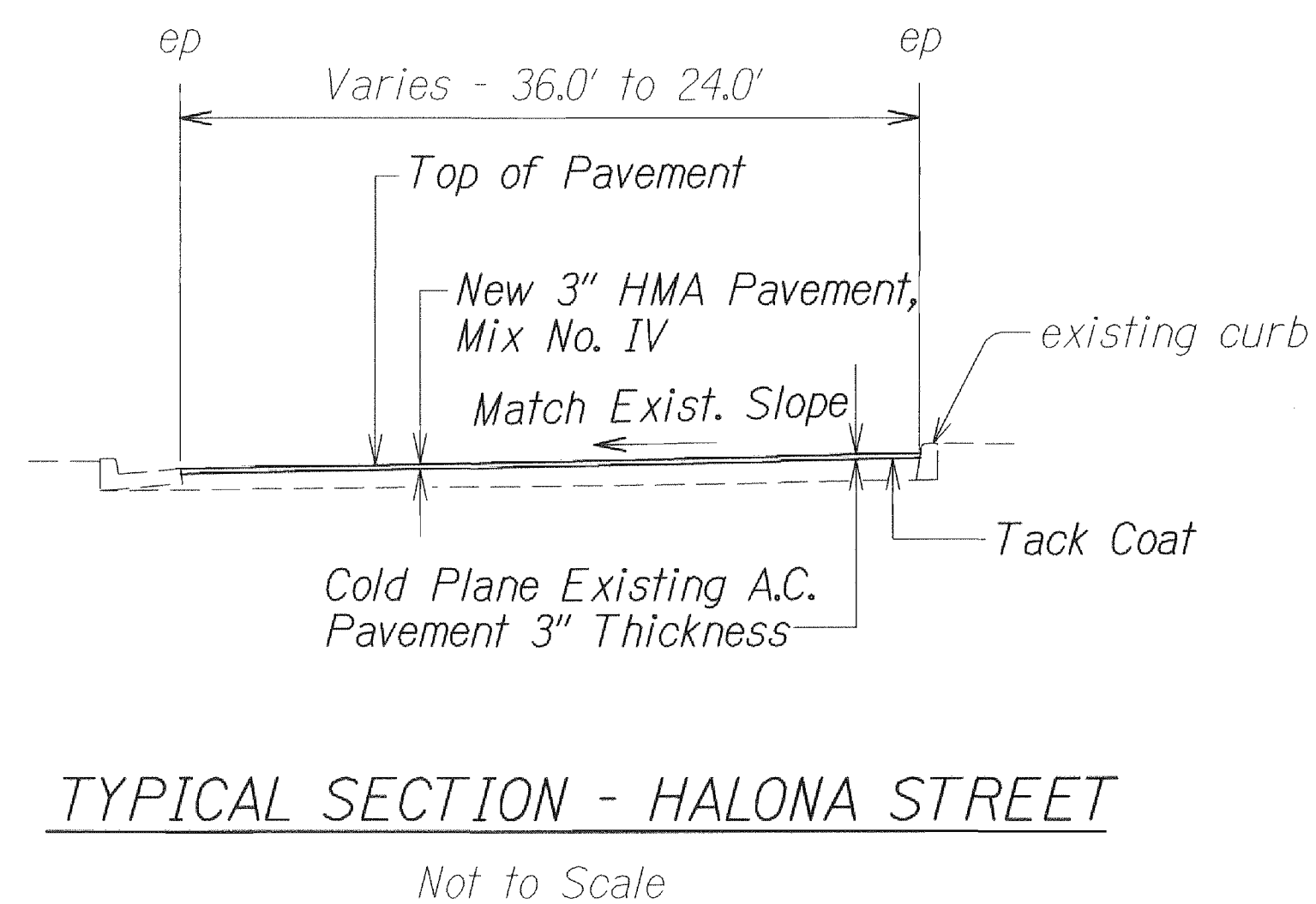
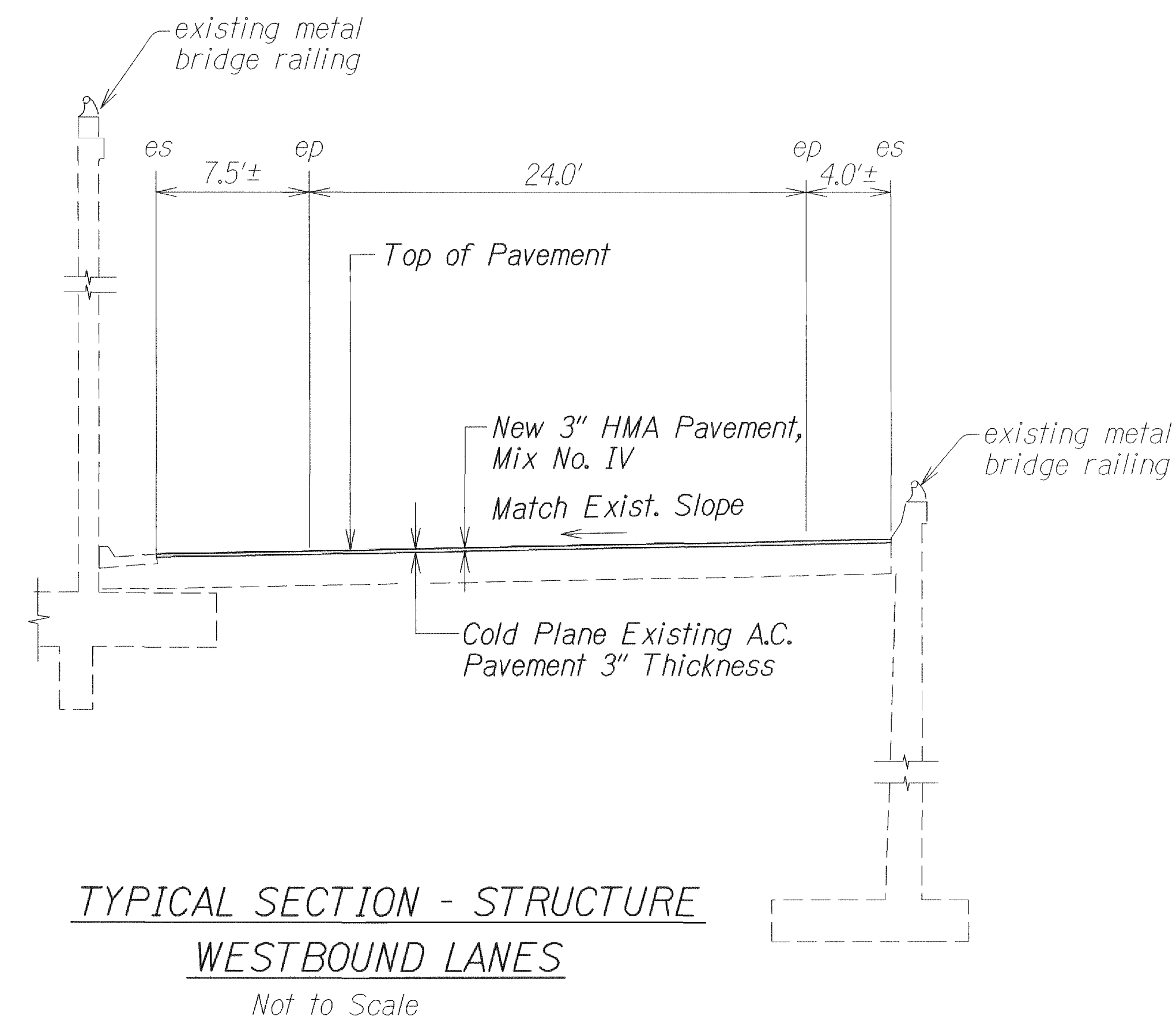
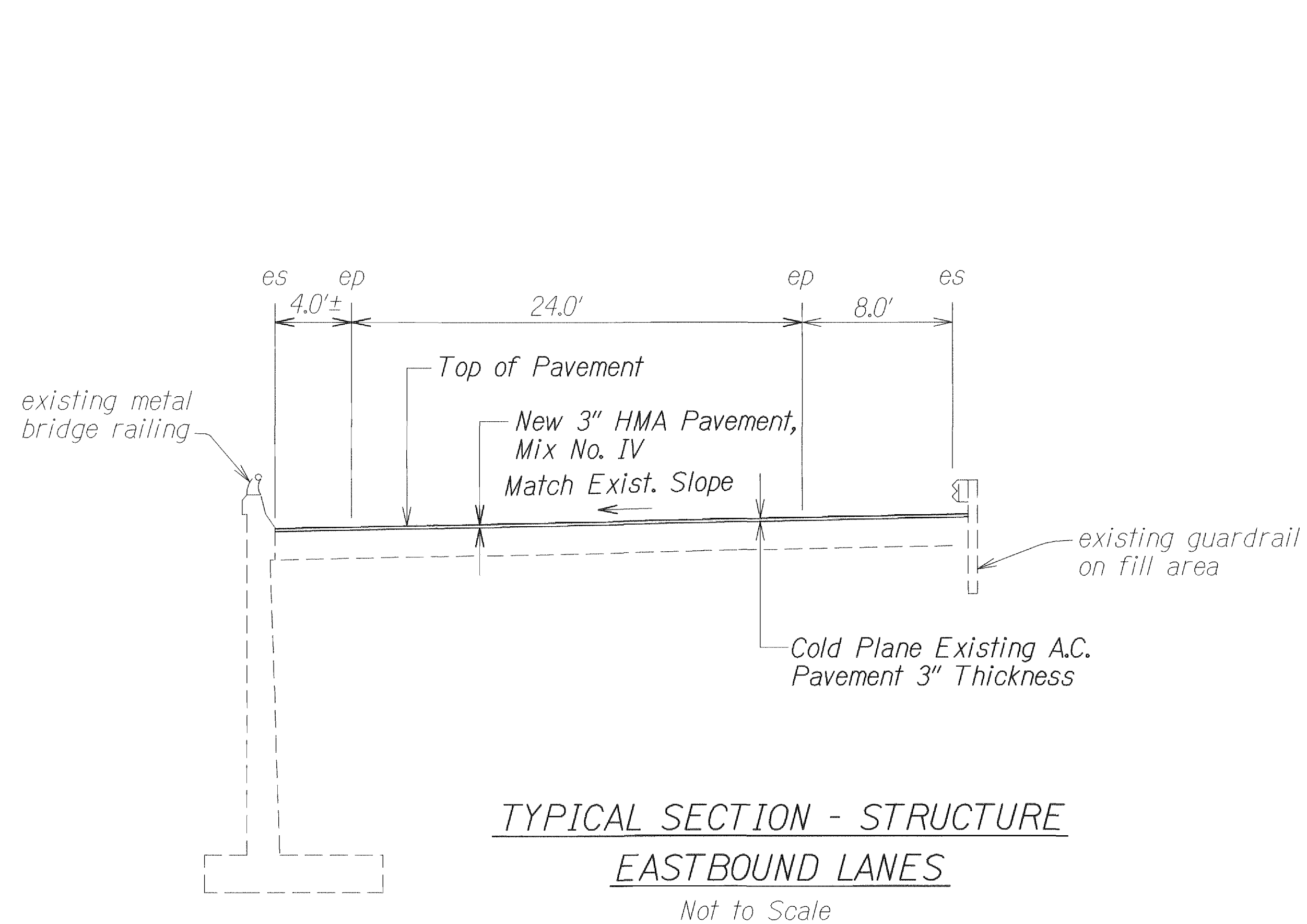
VINEYARD BOULEVARD RESURFACING

Vicinity of Palama St. to End of H-1 On-and-off Ramp

Federal Aid Project No. STP-098-1(011)

Scale: Not to Scale Date: November, 2012

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-098-1(011)	2012	9	64



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
N ^o	20010501

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

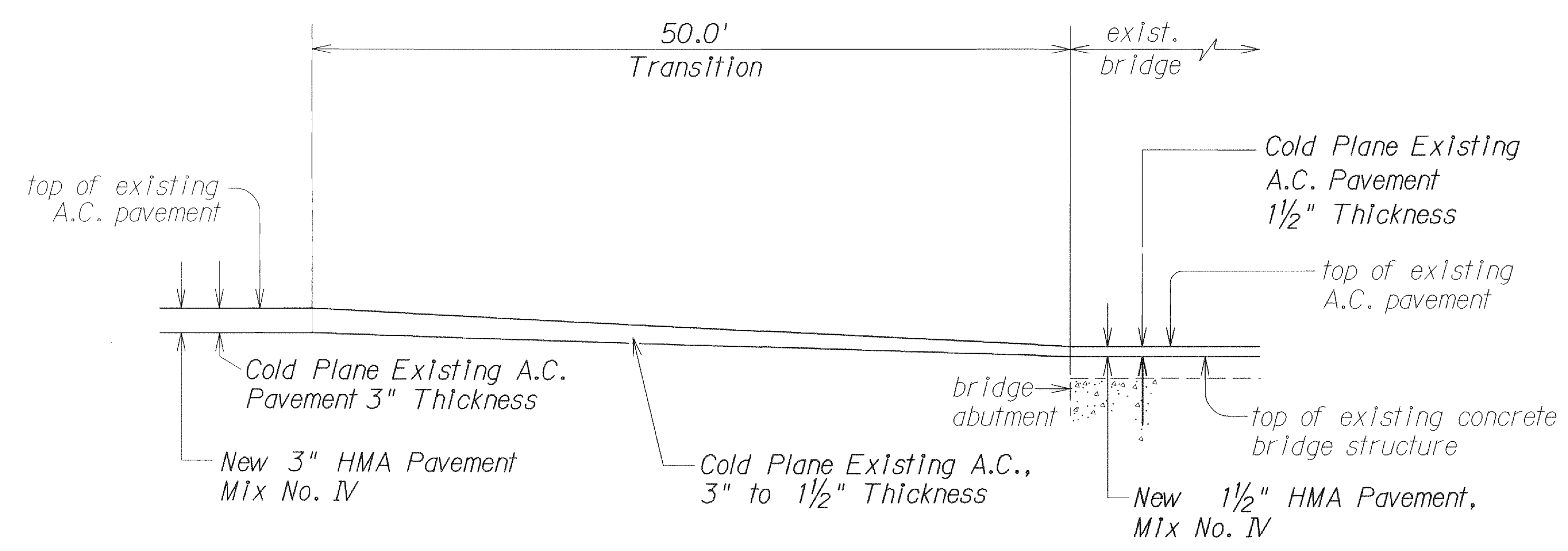
TYPICAL SECTIONS

VINEYARD BOULEVARD RESURFACING
Vicinity of Palama St. to End of H-1 On-and-off Ramp
Fed. Aid Project No. STP-098-1(011)

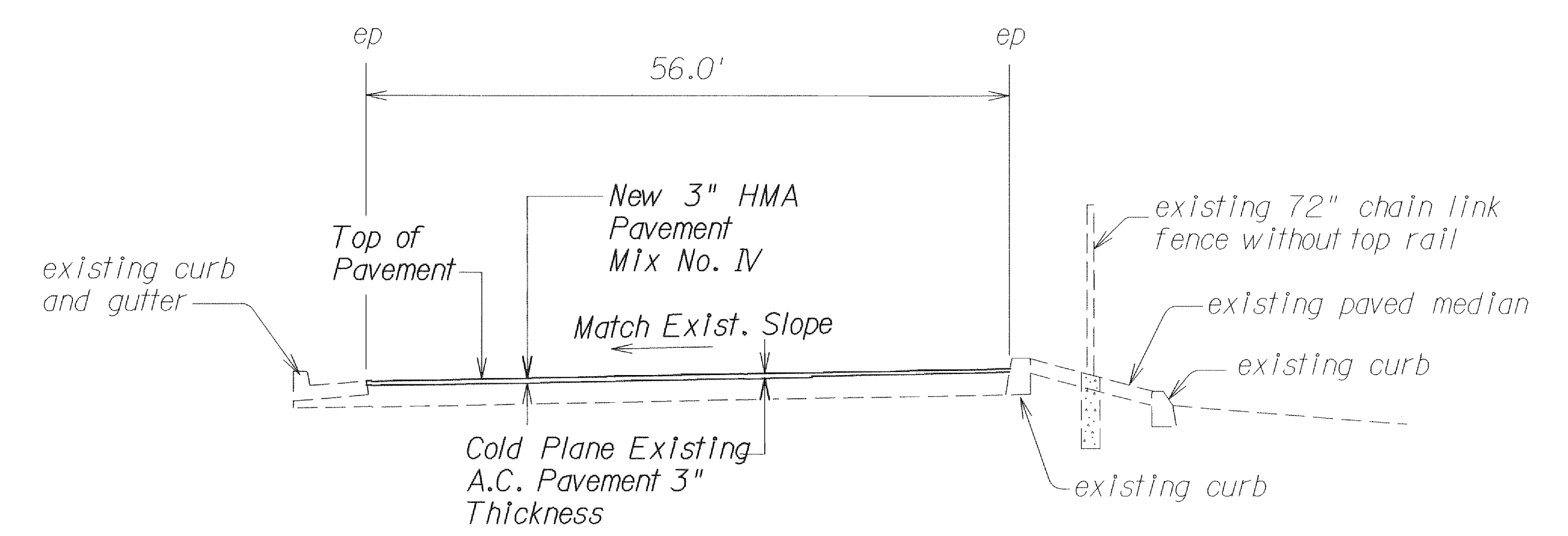
Scale: Not to Scale Date: November, 2012

SHEET No. 3 OF 5 SHEETS

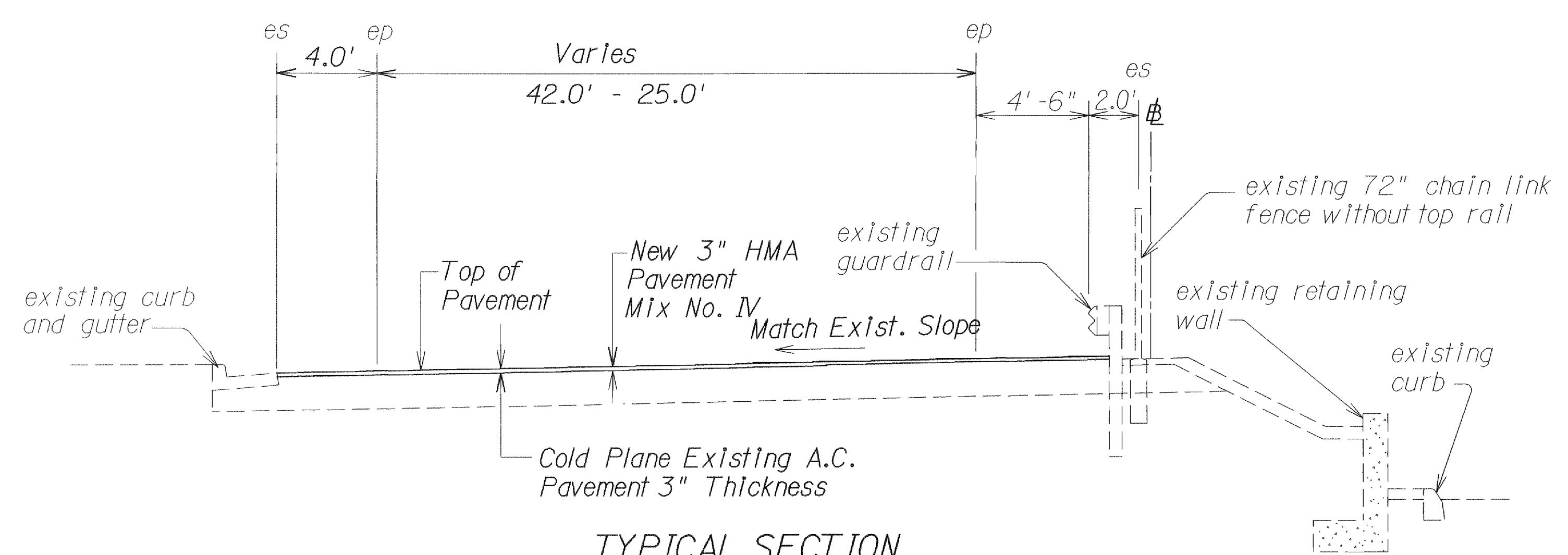
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-098-1(011)	2012	10	64



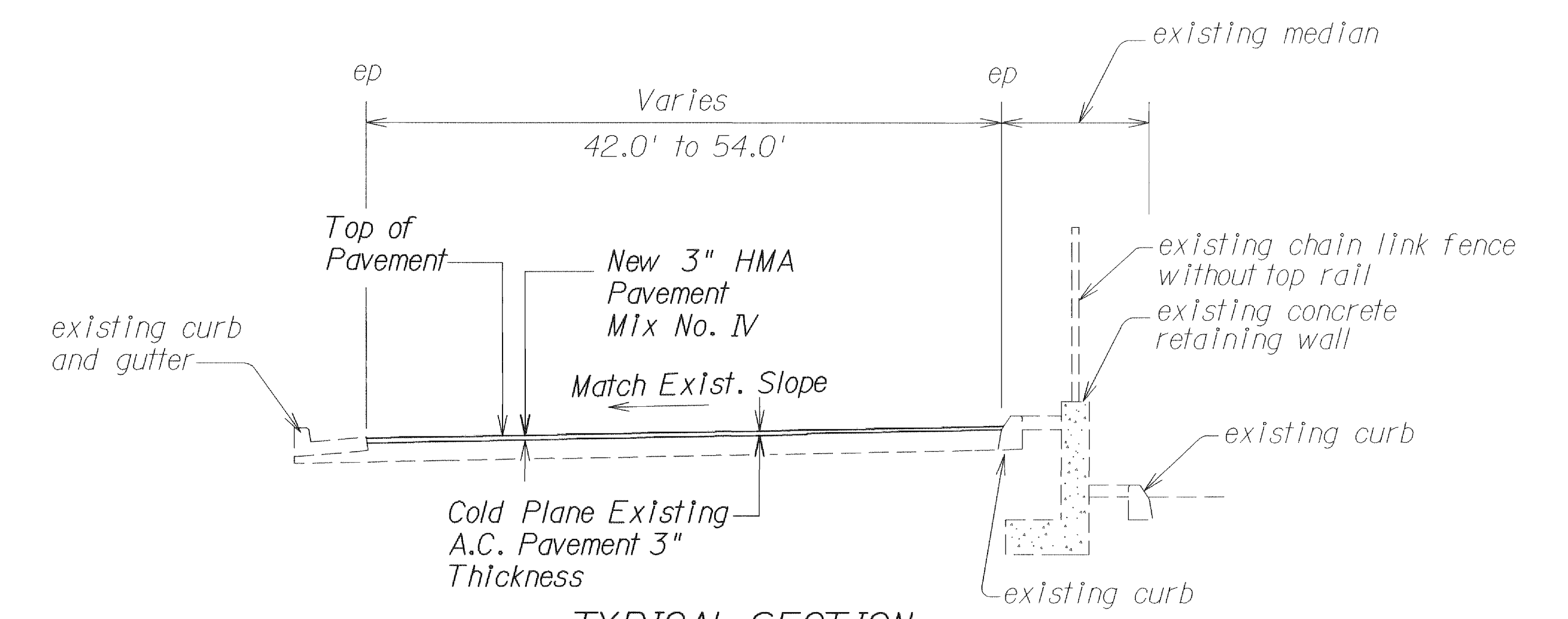
RESURFACING AT BRIDGE DETAIL
Not to Scale



TYPICAL SECTION
STA. 147+33 TO # STA. 150+00 (Westbound)
Not to Scale



TYPICAL SECTION
STA. 151+70 TO # STA. 158+50 (Westbound)
Not to Scale



TYPICAL SECTION
STA. 150+00 TO # STA. 151+70 (Westbound)
Not to Scale

SURVEY PLOTTED BY	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

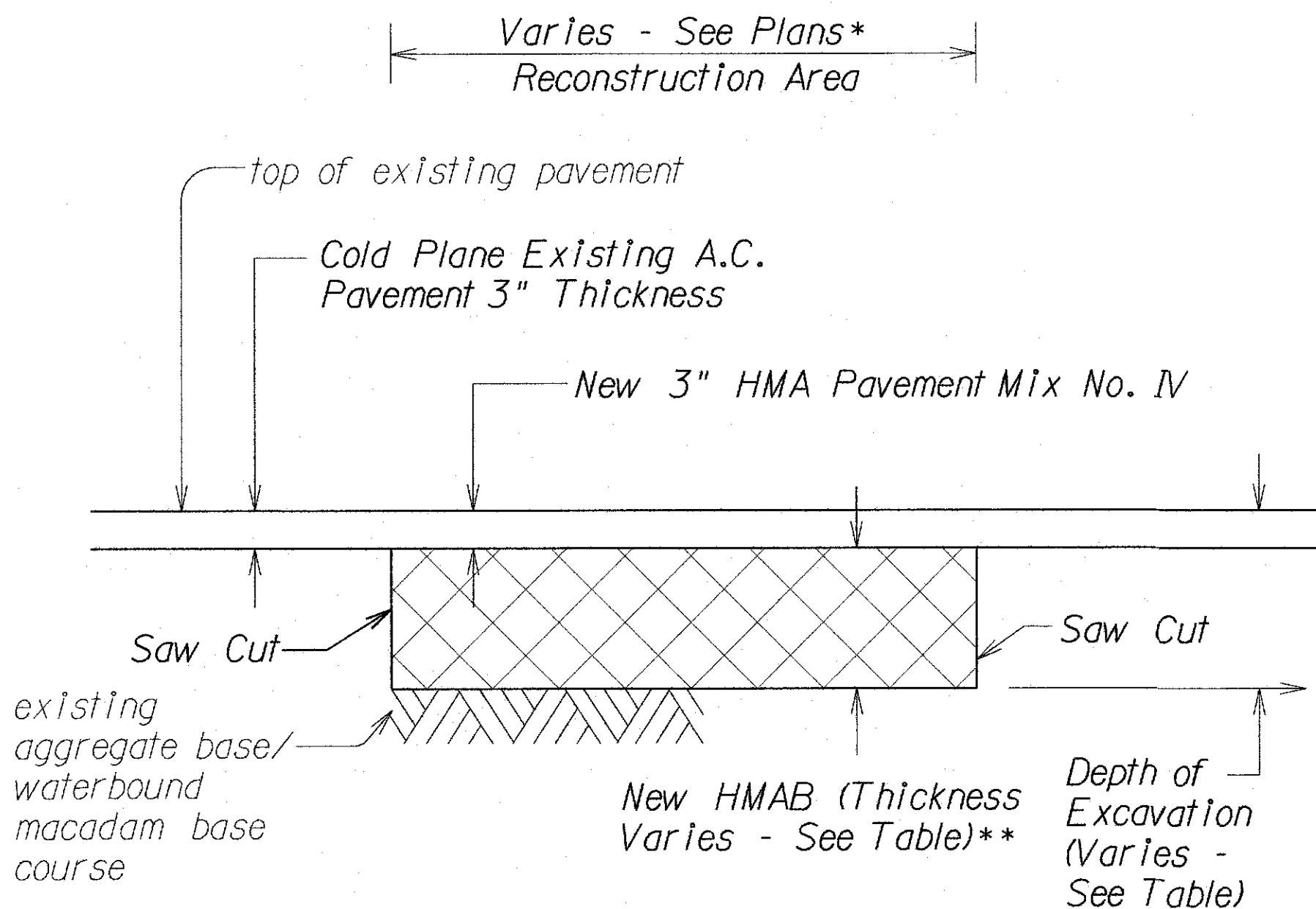
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

VINEYARD BOULEVARD RESURFACING
Vicinity of Palama St. to End of H-1 On-and-off Ramp
Fed. Aid Project No. STP-098-1(011)

Scale: Not to Scale Date: November, 2012
SHEET No. 4 OF 5 SHEETS

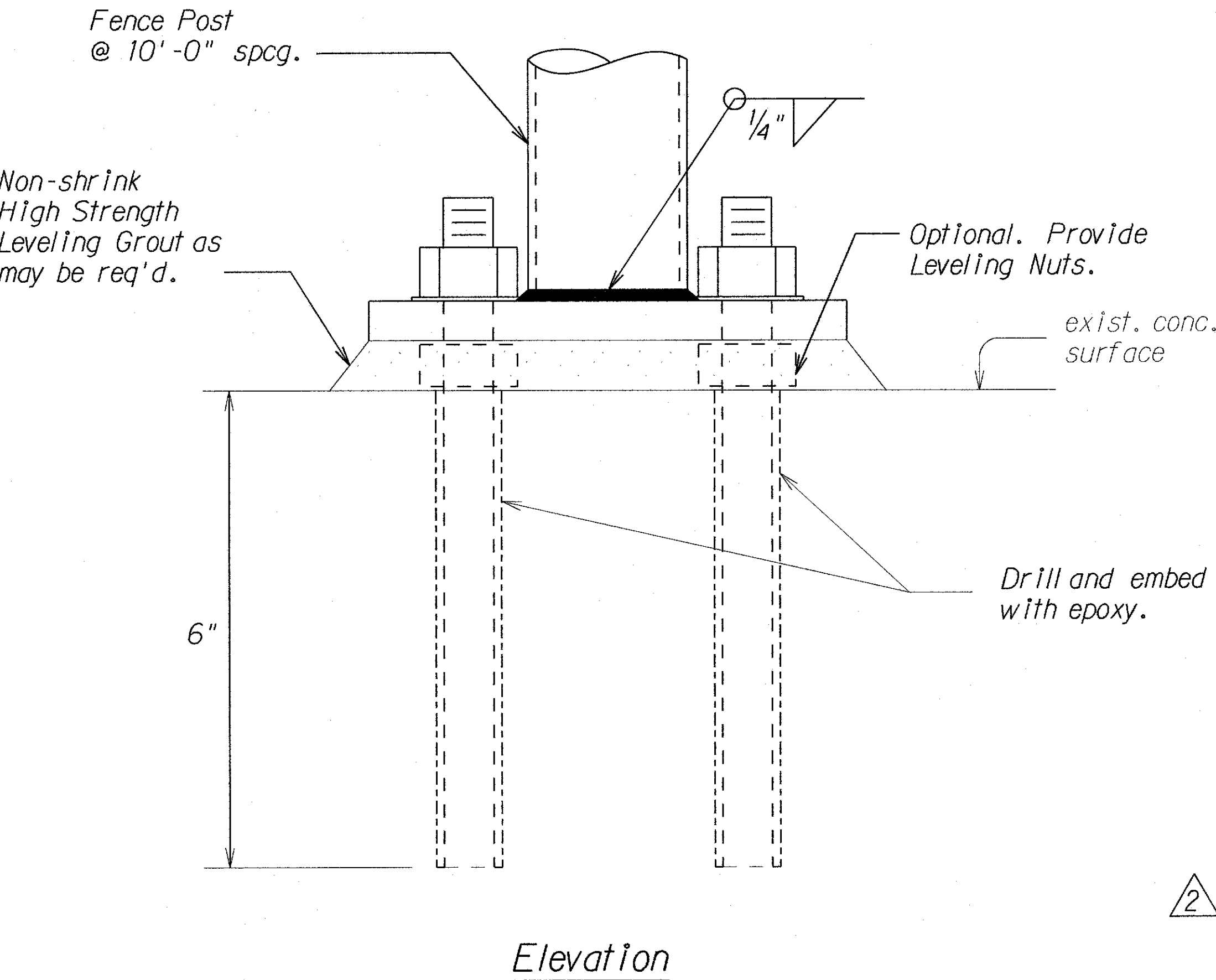
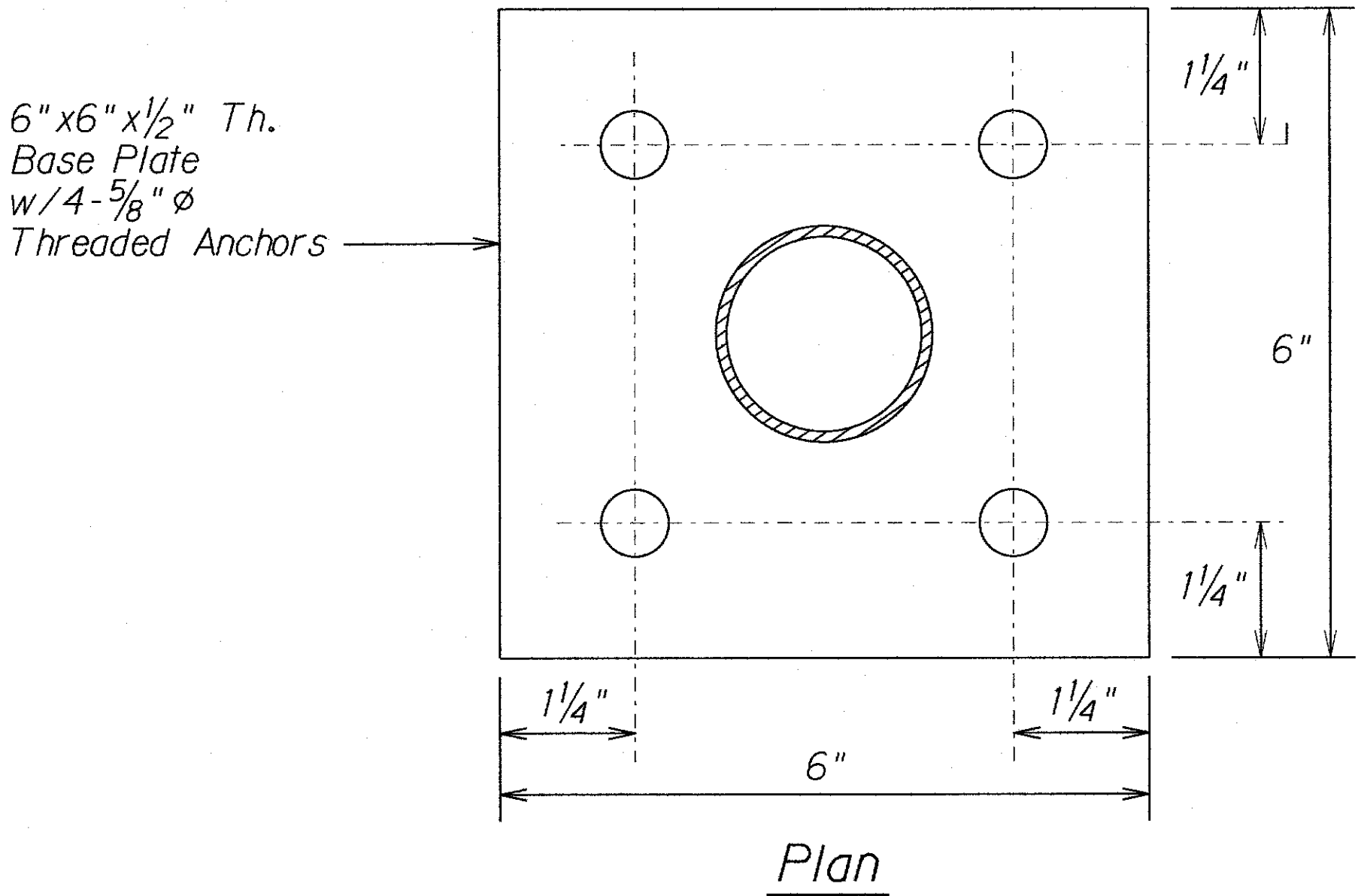
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-098-1(011)	2012	ADD. 11	64



A.C. PAVEMENT RECONSTRUCTION DETAIL
Not to Scale

- * Note: For Reconstruction Area Schedule, see Plan Sheet No. 12.
- ** Note: Prior to placement of asphalt concrete base, the exposed waterbound macadam base course or aggregate base course should be recompacted to flat unyielding ground condition. Filler materials consisting of aggregate for Type 3 slurry seal may be required for the disturbed waterbound macadam base course to facilitate the required compaction. This work shall be considered incidental to the various pavement items.
- *** Note: Sta. 128+90 to Sta. 130+30 (Vineyard Boulevard) ACB thickness constructed differs from what is specified in table. See As-Built Plan Sheet No. ADD.21

PAVEMENT DESIGN FOR RECONSTRUCTION AREAS				
WITHIN STATIONING		HMA Pavement Mix No. IV (IN.)	HMAB (IN.)	DEPTH OF EXCAVATION (IN.)
FROM	TO			
Halona St. 9+60 Ramp "R-3" 4+19.50 Olomea St. 19+00	103+00	3.0	5.0	8.0
103+00	127+00	3.0	6.0	9.0
127+00	145+90	3.0	8.5	11.5
145+90	168+10 O.B. 169+05.61 I.B.	3.0	5.0	8.0



FENCE POST BASE PLATE DETAIL
Not to Scale

- Notes:**
1. Do not cut/damage existing reinforcing steel.
 2. Use stainless steel threaded anchors (Type 316) including nuts and washers.
 3. Assembly shall be hot-dipped galvanized.

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

1/31/13	Added Fence Post Base Plate Detail.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TYPICAL SECTIONS VINEYARD BOULEVARD RESURFACING <i>Vicinity of Palama St. to End of H-1 On-and-off Ramp</i> <i>Fed. Aid Project No. STP-098-1(011)</i> Scale: As Shown Date: November, 2012 SHEET No. 5 OF 5 SHEETS	

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
DATE	_____