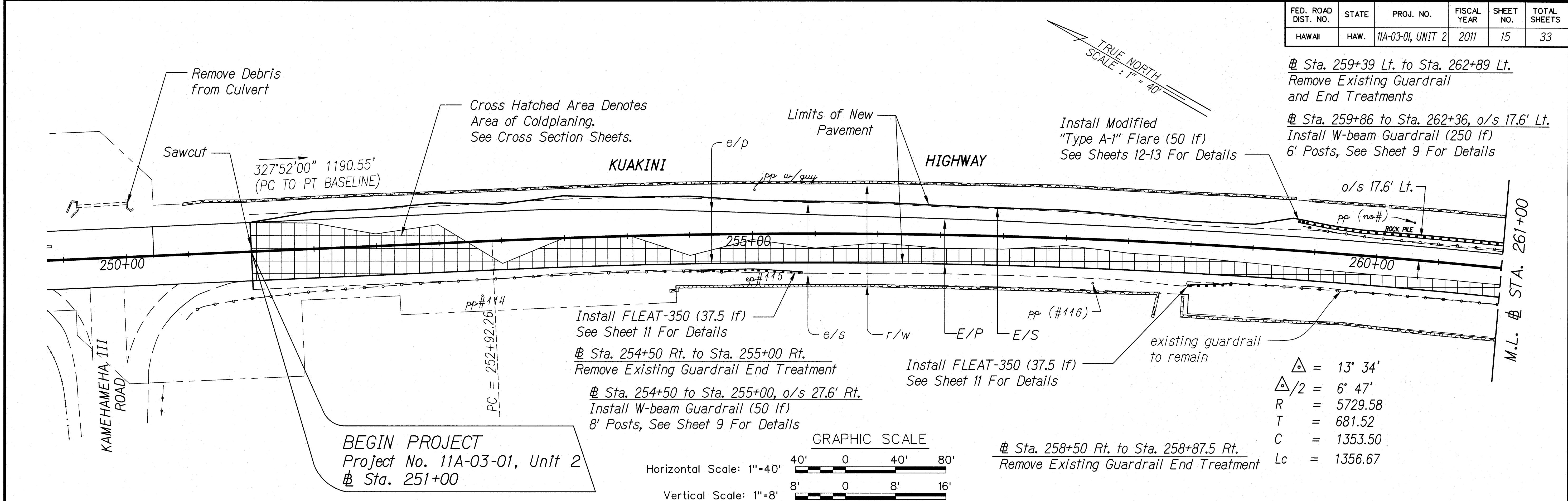
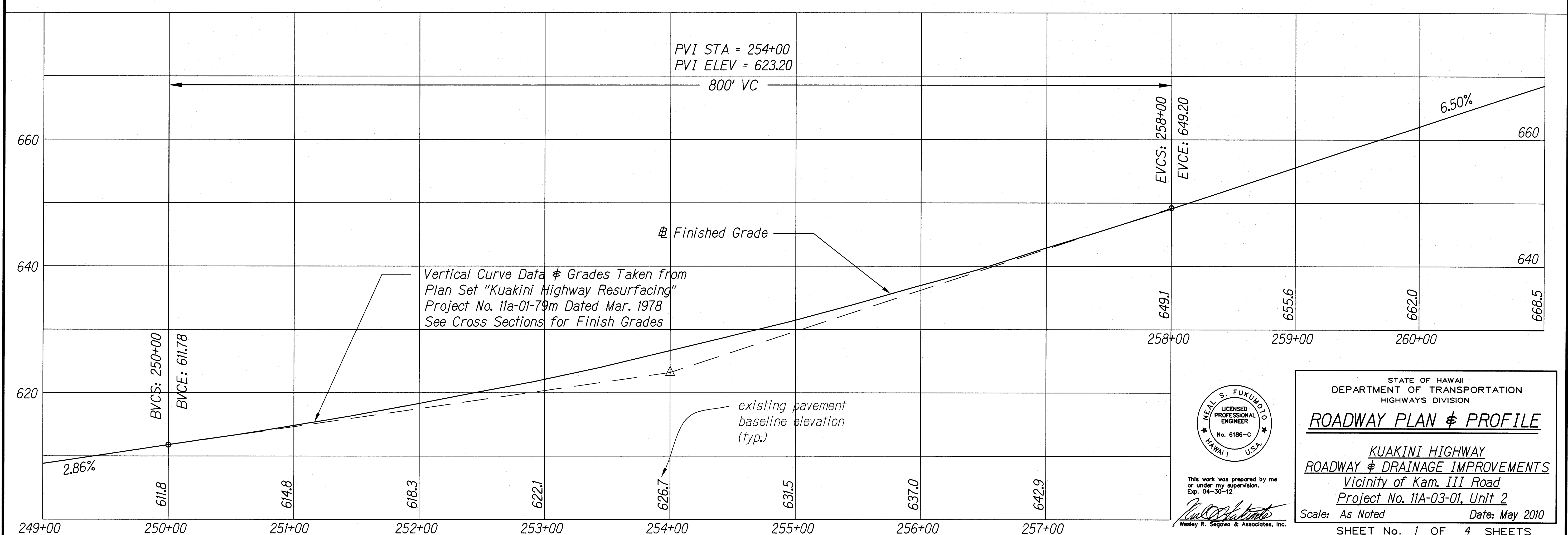


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11A-03-01, UNIT 2	2011	15	33



$\Delta = 13' 34'$
 $\Delta/2 = 6' 47'$
 $R = 5729.58$
 $T = 681.52$
 $C = 1353.50$
 $Lc = 1356.67$



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DRAWN BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		
DATE		

NEAL S. FUKUNOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6186-C
 HAWAII, U.S.A.
 This work was prepared by me or under my supervision.
 Exp. 04-30-12
 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN & PROFILE
 KUAKINI HIGHWAY
 ROADWAY & DRAINAGE IMPROVEMENTS
 Vicinity of Kam. III Road
 Project No. 11A-03-01, Unit 2
 Scale: As Noted Date: May 2010
 SHEET No. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11A-03-01, UNIT 2	2011	16	33

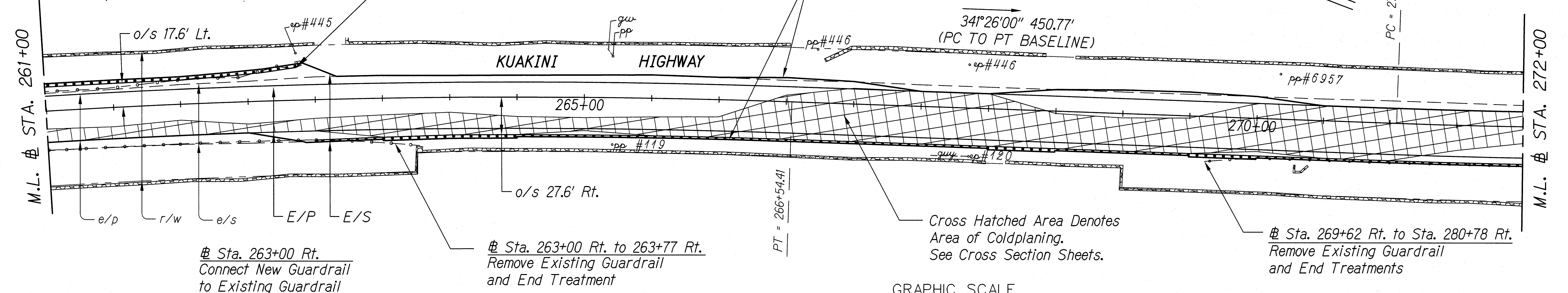
Sta. 259+39 Lt. to Sta. 262+89 Lt.
Remove Existing Guardrail
and End Treatments

Sta. 259+86 to Sta. 262+36, o/s 17.6' Lt.
Install W-beam Guardrail (250 lf)
6' Posts, See Sheet 9 For Details

Install Modified
"Type A-1" Flare (50 lf)
See Sheets 12-13 For Details

Limits of New
Pavement

TRUE NORTH
SCALE: 1" = 40'

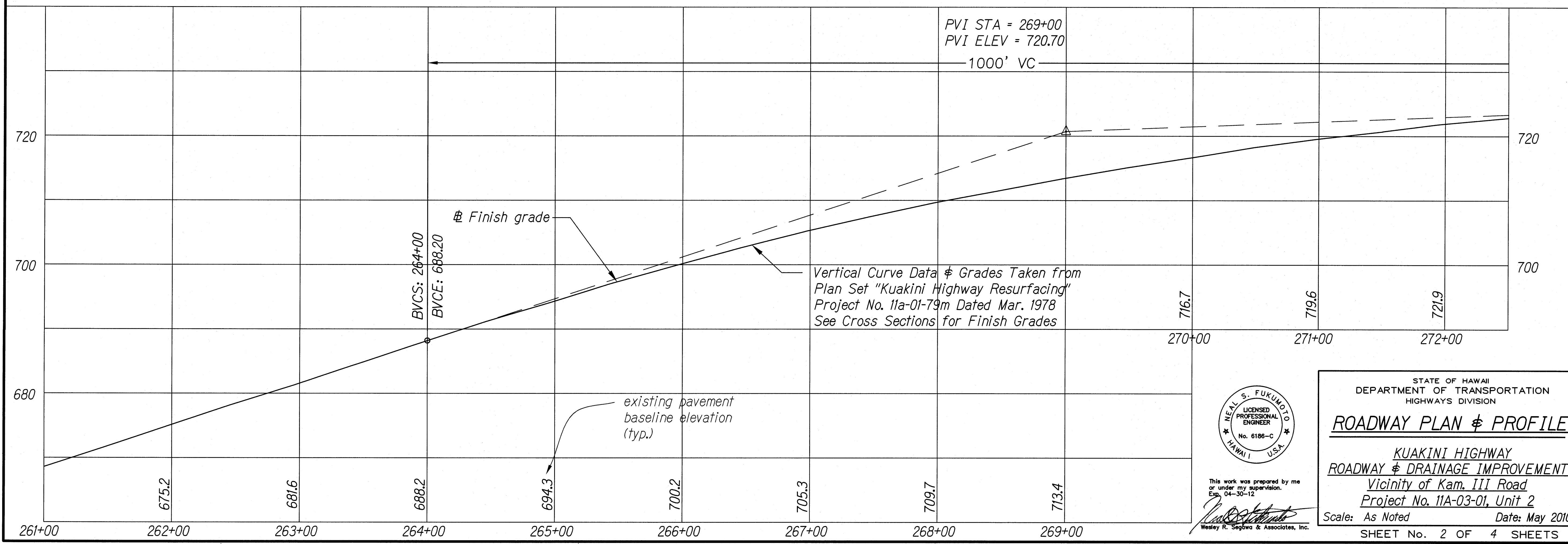
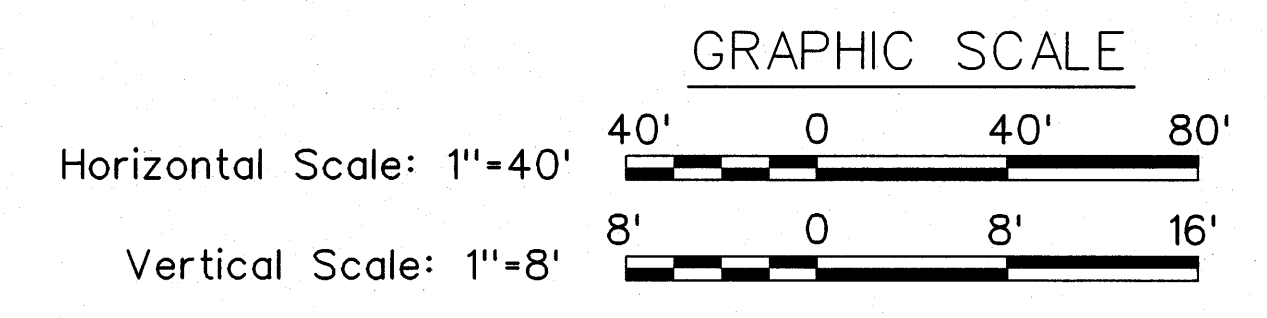


Sta. 263+00 Rt.
Connect New Guardrail
to Existing Guardrail

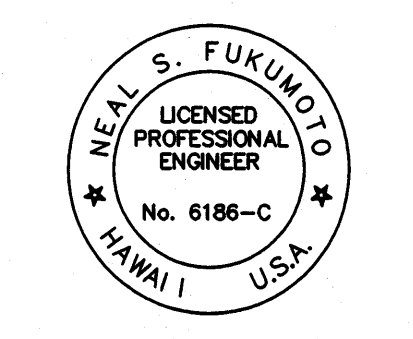
Sta. 263+00 Rt. to 263+77 Rt.
Remove Existing Guardrail
and End Treatment

Sta. 269+62 Rt. to Sta. 280+78 Rt.
Remove Existing Guardrail
and End Treatments

Sta. 263+00 to Sta. 280+37.5, o/s 27.6' Rt.
Install W-beam Guardrail (1737.5 lf)
6' Posts at Sta. 263+50 to 264+75,
Sta. 267+75 to 268+75 and Sta. 269+25 to 270+25
8' Posts at Sta. 263+00 to 263+50, Sta. 264+75 to
267+75, Sta. 268+75 to 269+25, and 270+25 to 280+37.5
See Sheet 9 For Details



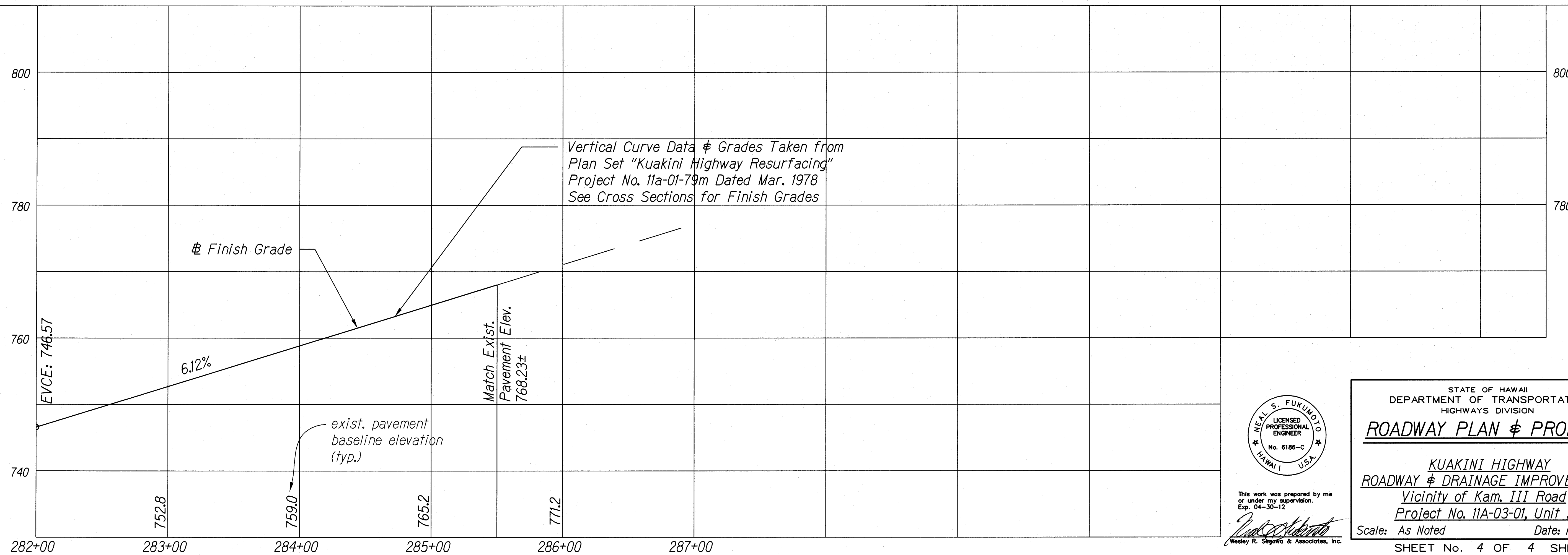
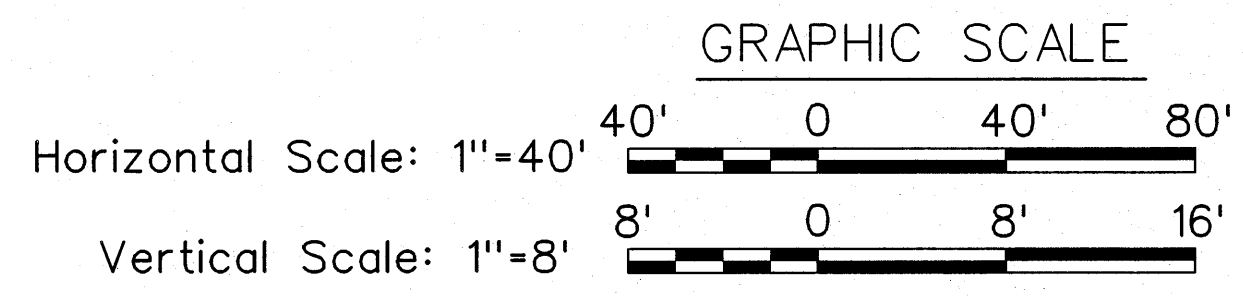
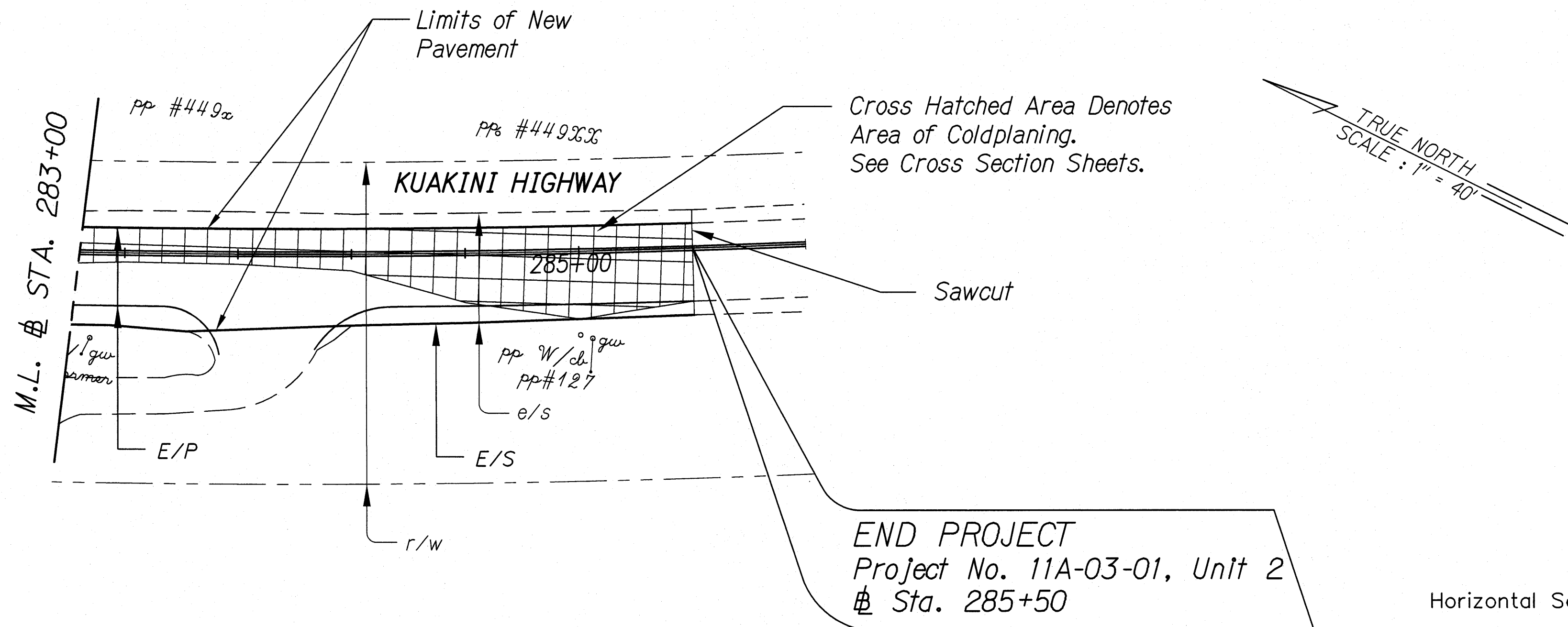
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DRAWN BY		
DESIGNED BY		
CHECKED BY		



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Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN & PROFILE
KUAKINI HIGHWAY
ROADWAY & DRAINAGE IMPROVEMENTS
Vicinity of Kam. III Road
Project No. 11A-03-01, Unit 2
Scale: As Noted Date: May 2010
SHEET No. 2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11A-03-01, UNIT 2	2011	18	33



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

NEAL S. FUKUMOTO
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Exp. 04-30-12

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Wesley R. Segovia & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN & PROFILE

KUAKINI HIGHWAY
ROADWAY & DRAINAGE IMPROVEMENTS
Vicinity of Kam. III Road
Project No. 11A-03-01, Unit 2

Scale: As Noted Date: May 2010

SHEET No. 4 OF 4 SHEETS