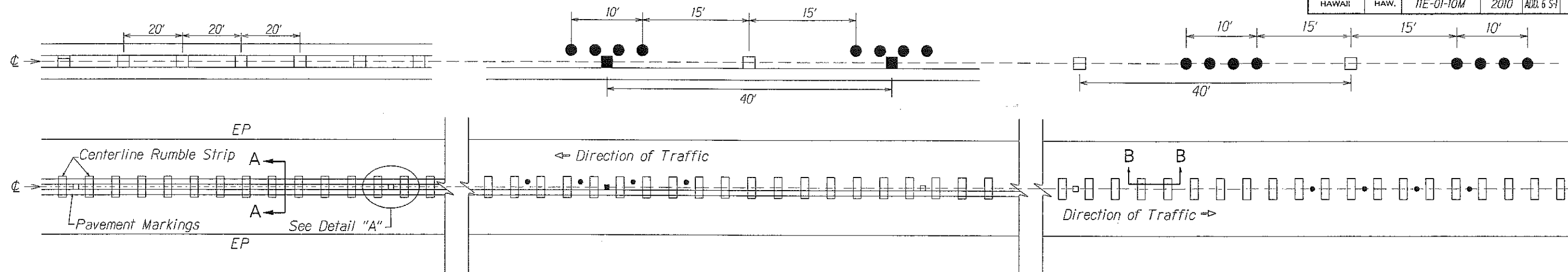
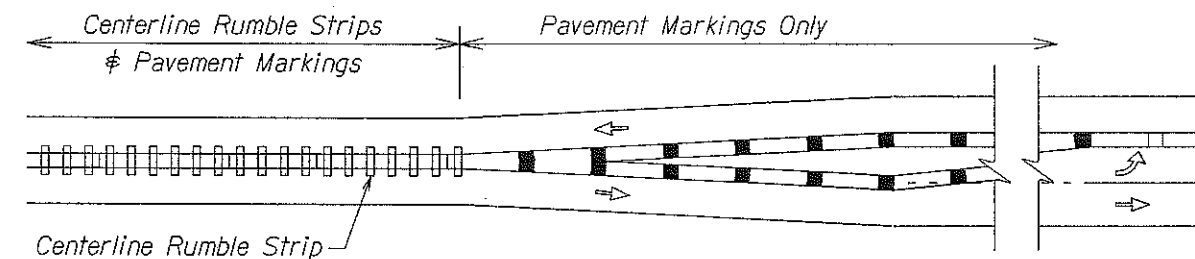


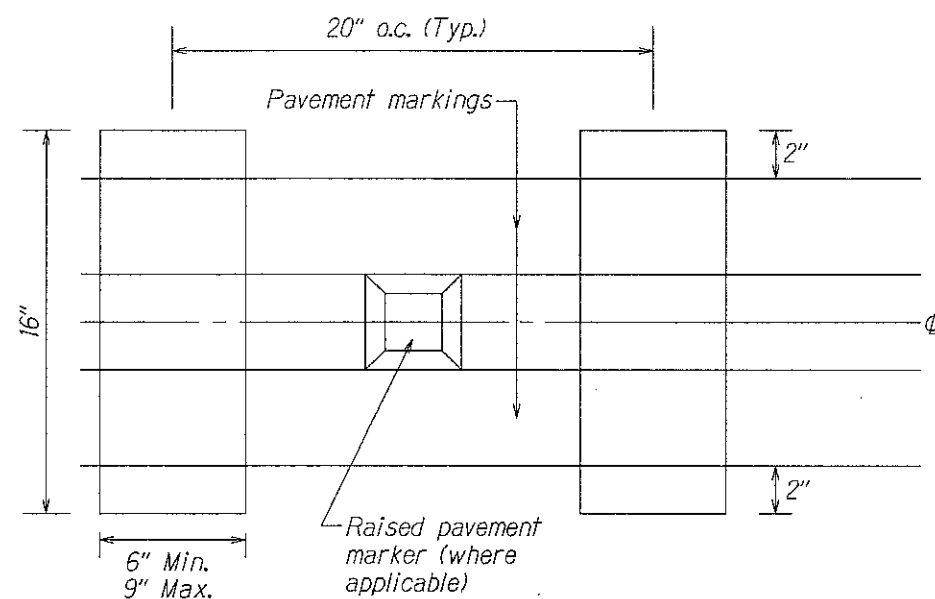
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 6 S-1	32



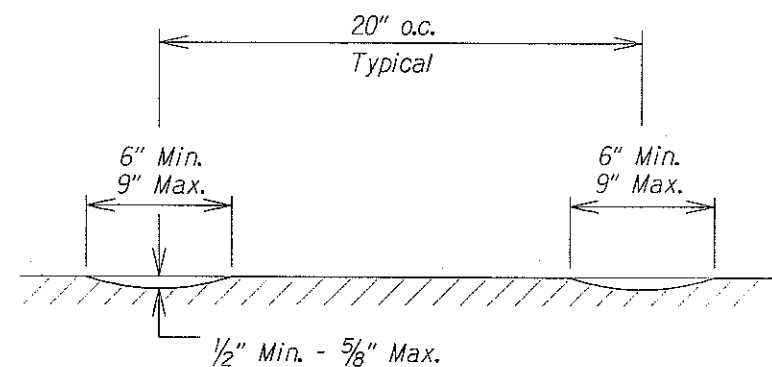
PLAN - CENTERLINE MILLED RUMBLE STRIP
Not to Scale



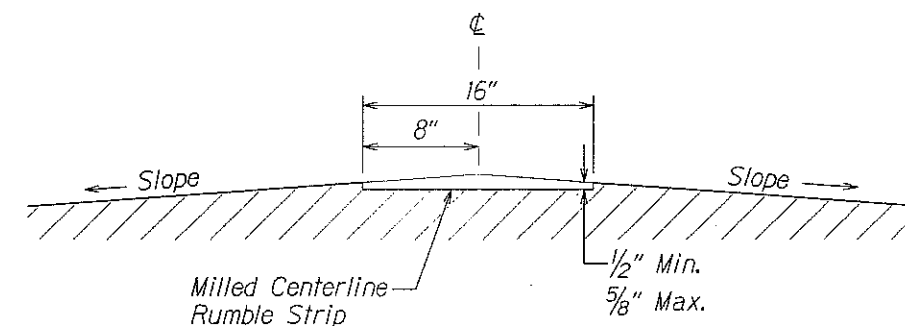
CENTERLINE MILLED RUMBLE STRIP INSTALLATION LIMIT
Not to Scale



DETAIL "A"
Not to Scale



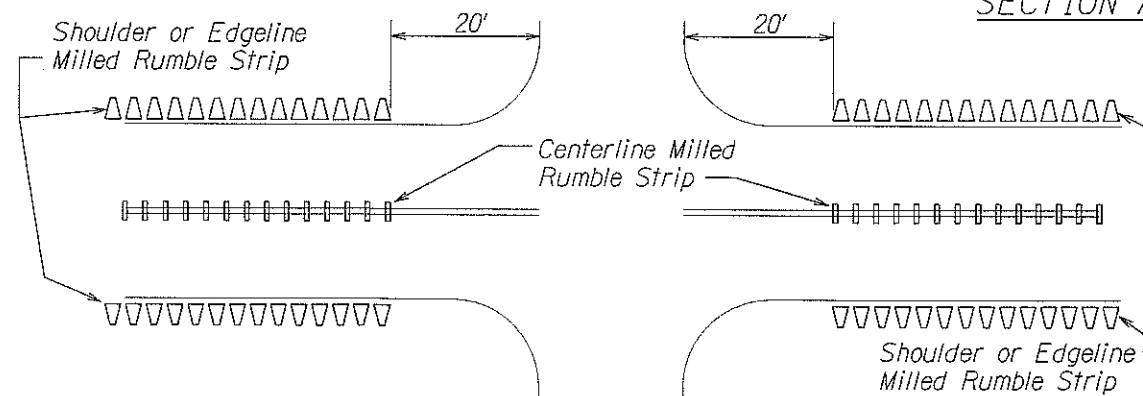
SECTION B-B - CENTERLINE MILLED RUMBLE STRIP
Not to Scale



SECTION A-A - CENTERLINE MILLED RUMBLE STRIP
Not to Scale

NOTES:

1. The method of constructing the centerline milled rumble strip shall be submitted to the Engineer for acceptance prior to the actual work.
2. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
3. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
4. The construction of the centerline milled rumble strip shall be paid for under Item No. 615.0100 - 16-inch Milled Rumble Strip, Centerline. The construction of the shoulder milled rumble strip shall be paid for under Item No. 615.0300 - 12-Inch Milled Rumble Strip, Shoulder.
5. The milling apparatus and removal of existing pavement markings will not be paid for separately and shall be considered incidental to Item 615.0100 - 16-Inch Milled Rumble Strip, Centerline.
6. Do not install centerline rumble strips on bridge decks.
7. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.



MILLED RUMBLE STRIP INSTALLATION LIMITS
STATION 364+00 TO STATION 375+00
Not to Scale

6/15/10 New Sheet Added

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CENTERLINE MILLED
RUMBLE STRIP DETAIL**

**MAMALAHOA HIGHWAY
GUARDRAIL REPAIRS**

Vicinity of Kahuku

Project No. 11E-01-10M

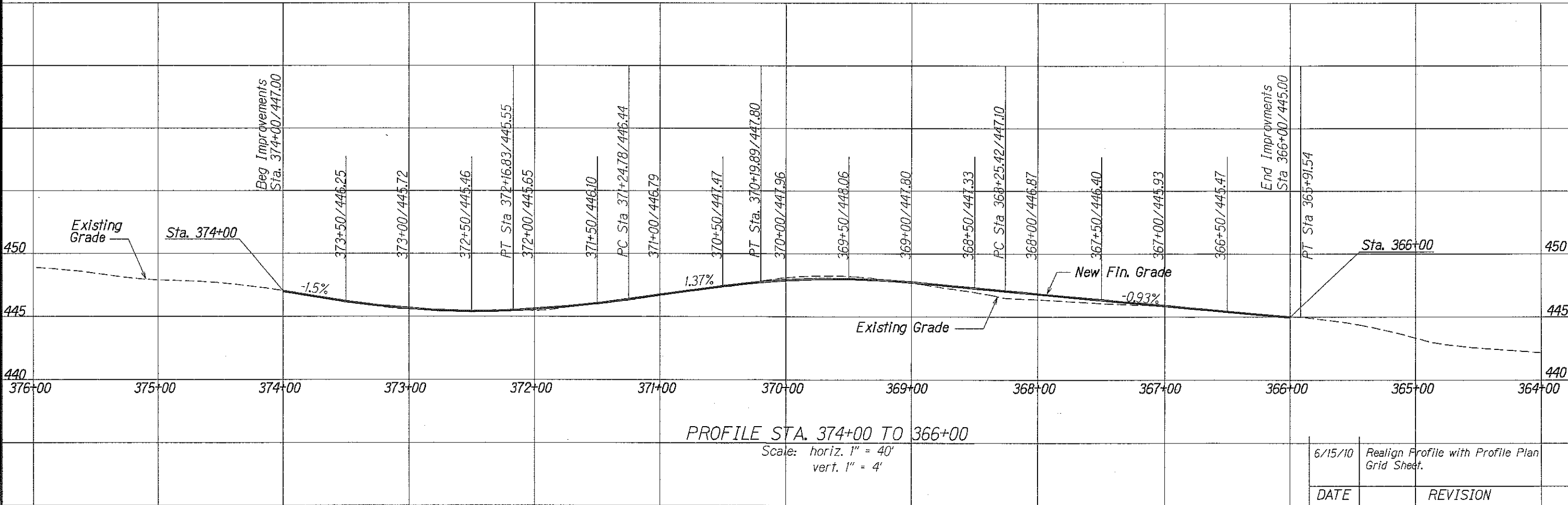
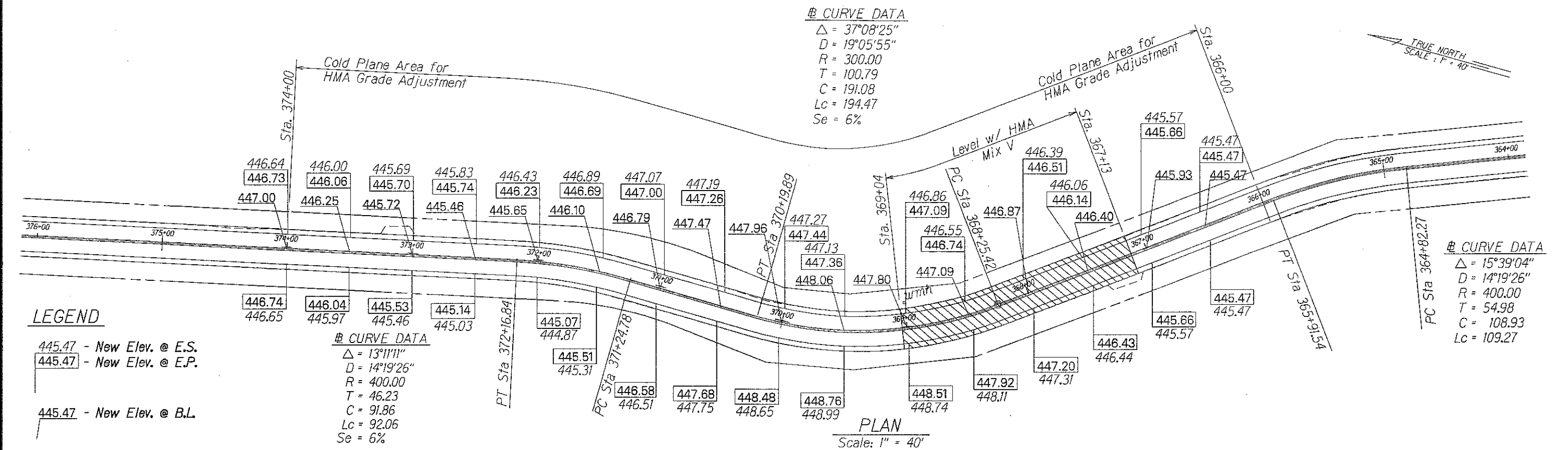
Scale: As Shown

Date: May 2010

SHEET No. 1 OF 1 SHEETS

ADD. 6 S-1

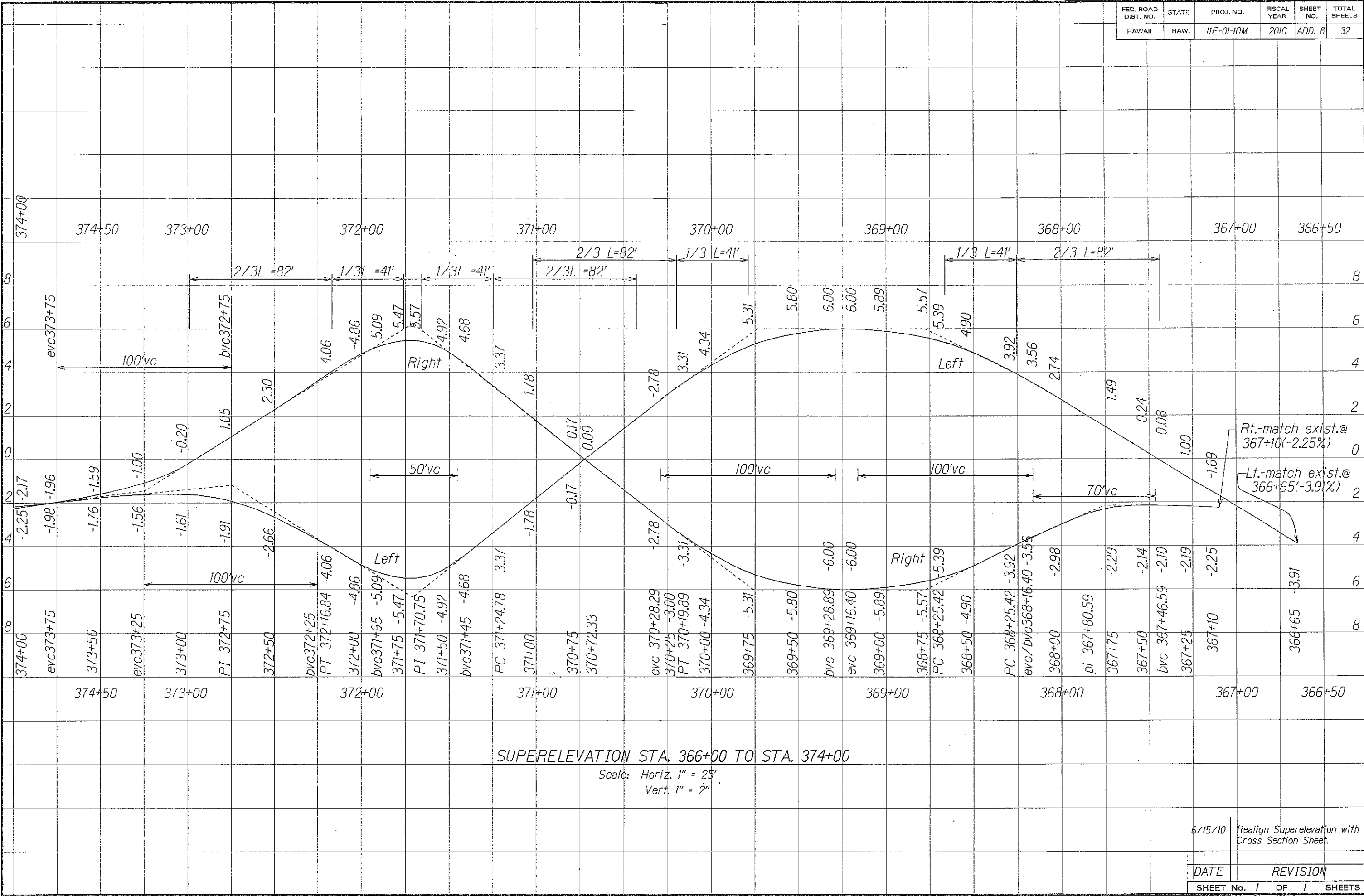
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 7	32



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	

6/15/10	Realign Profile with Profile Plan Grid Sheet.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 8	32

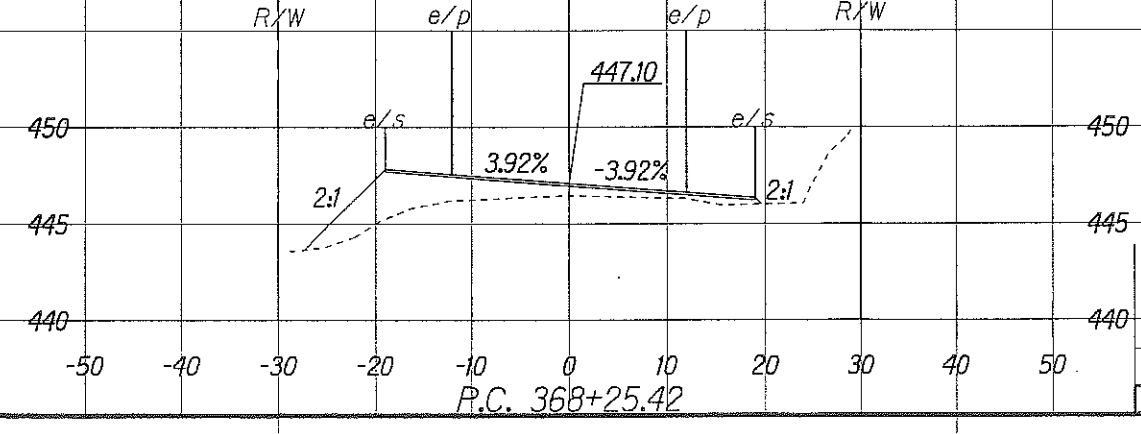
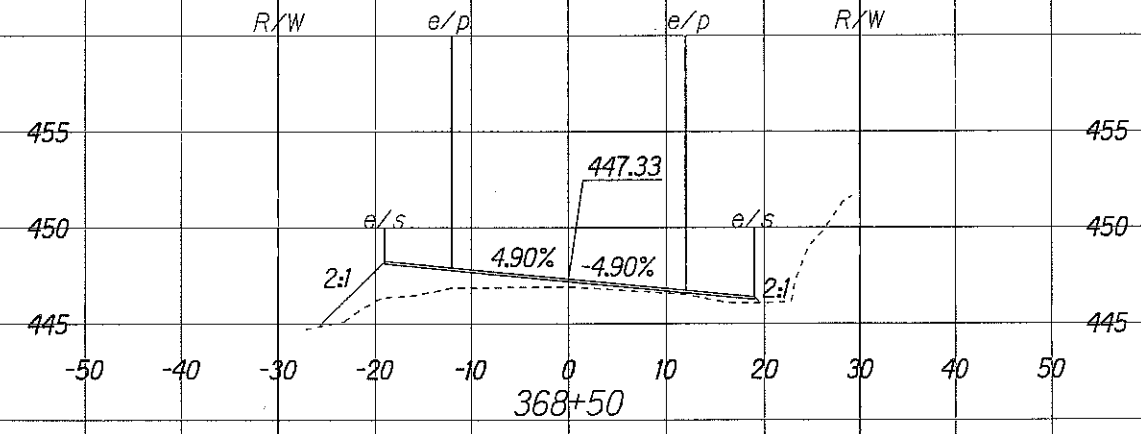
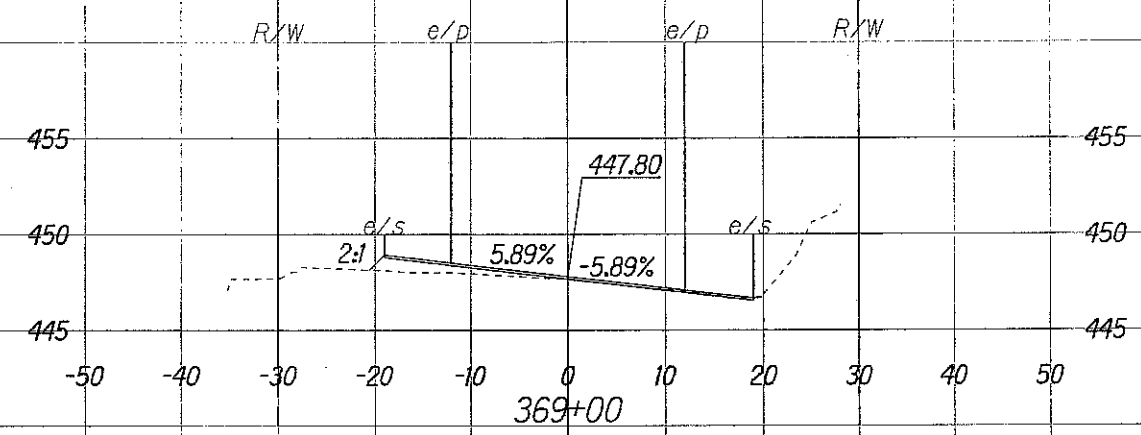
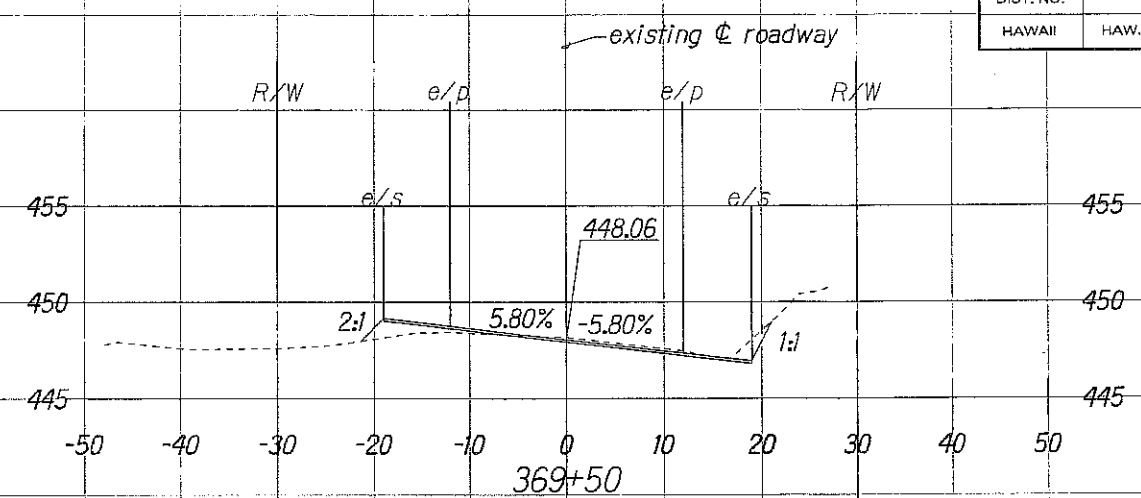
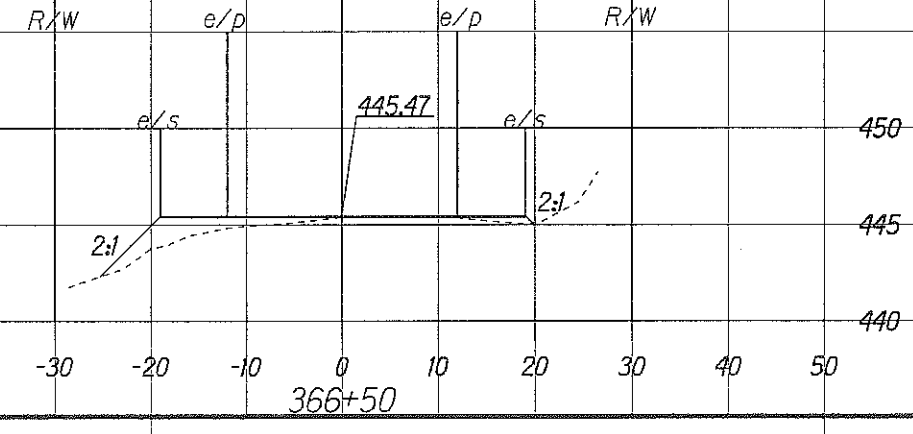
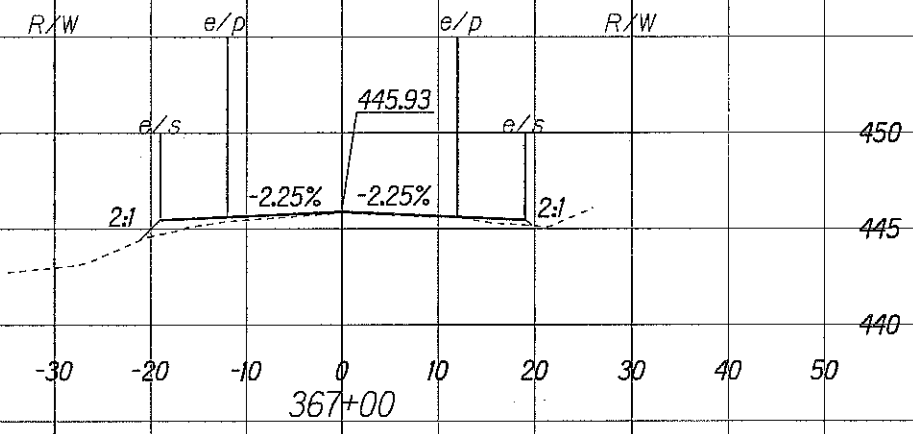
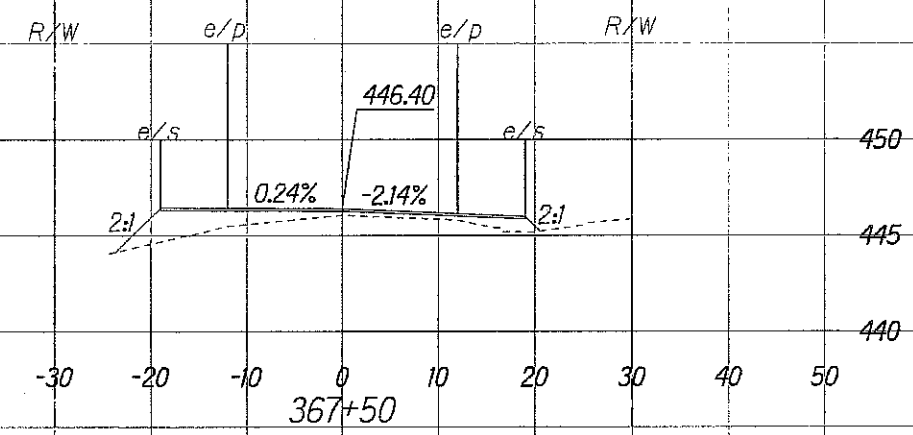
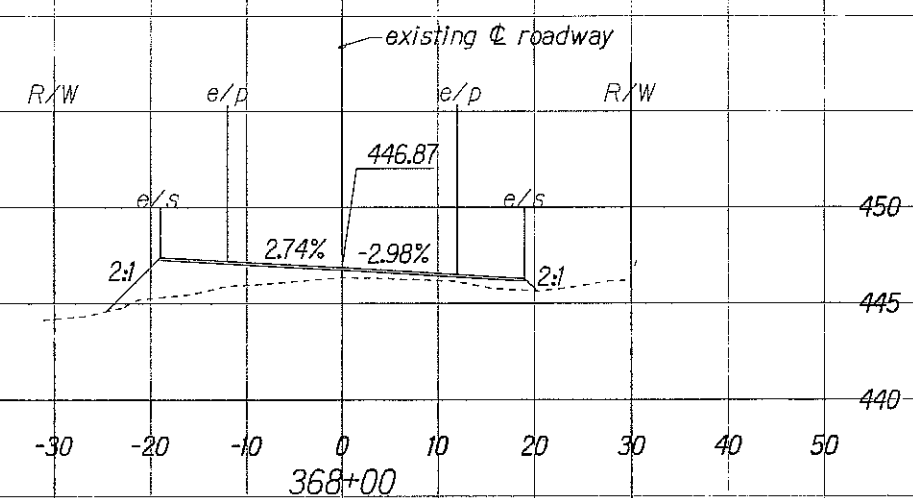


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

6/15/10	Realign Superelevation with Cross Section Sheet.
DATE	REVISION
SHEET No. 1	OF 1 SHEETS

ADD. 8

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 29	32

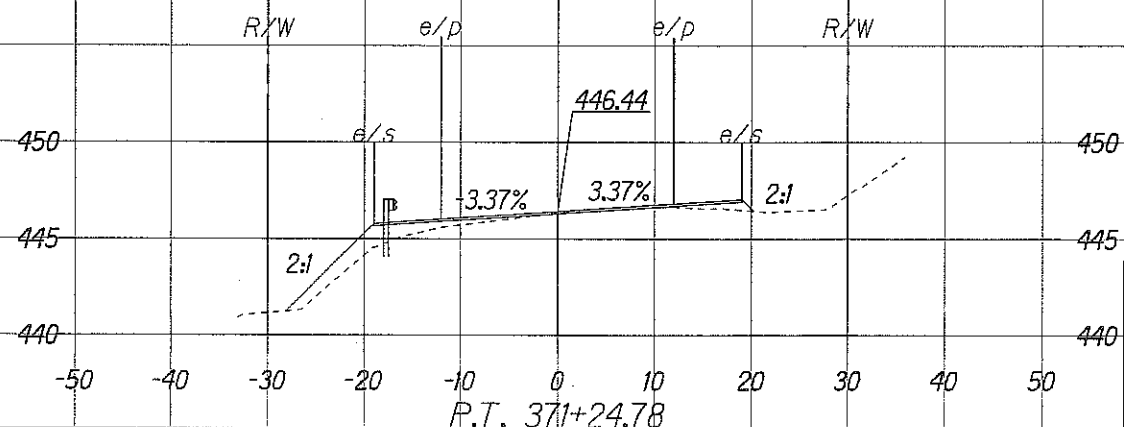
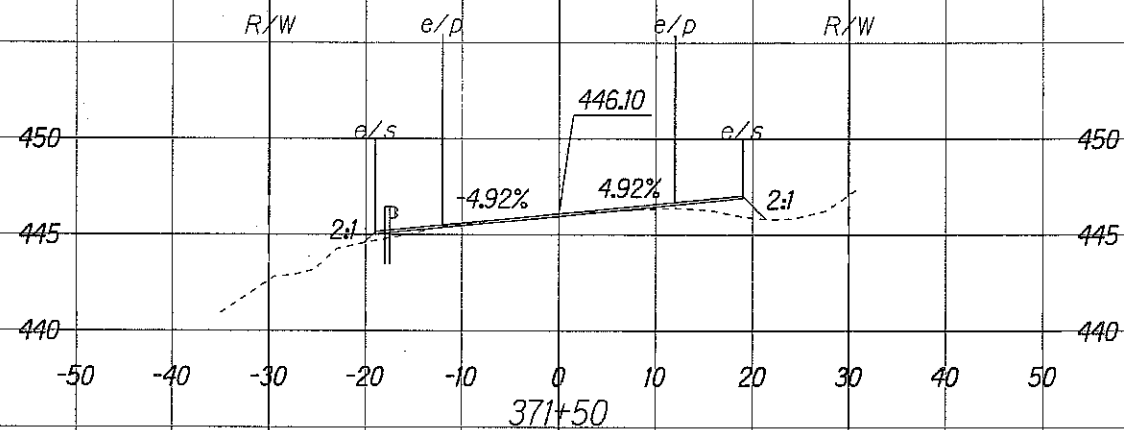
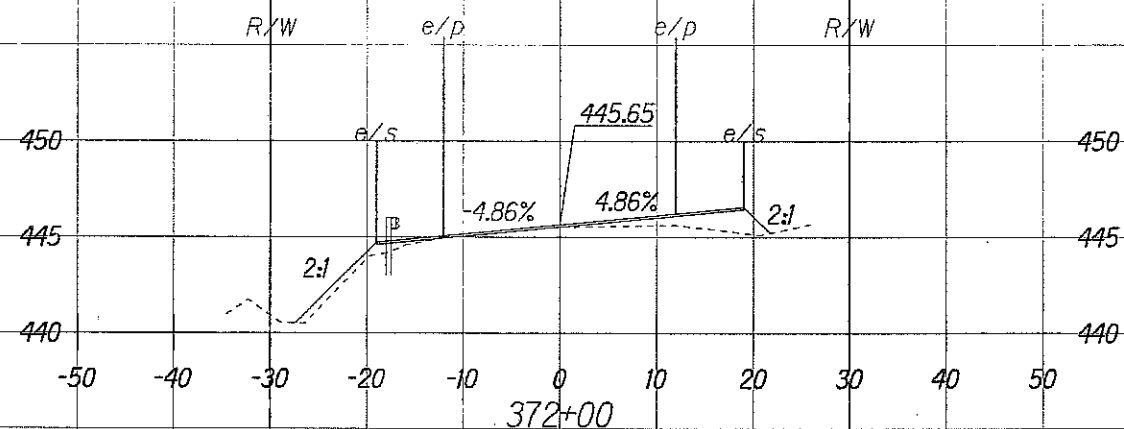
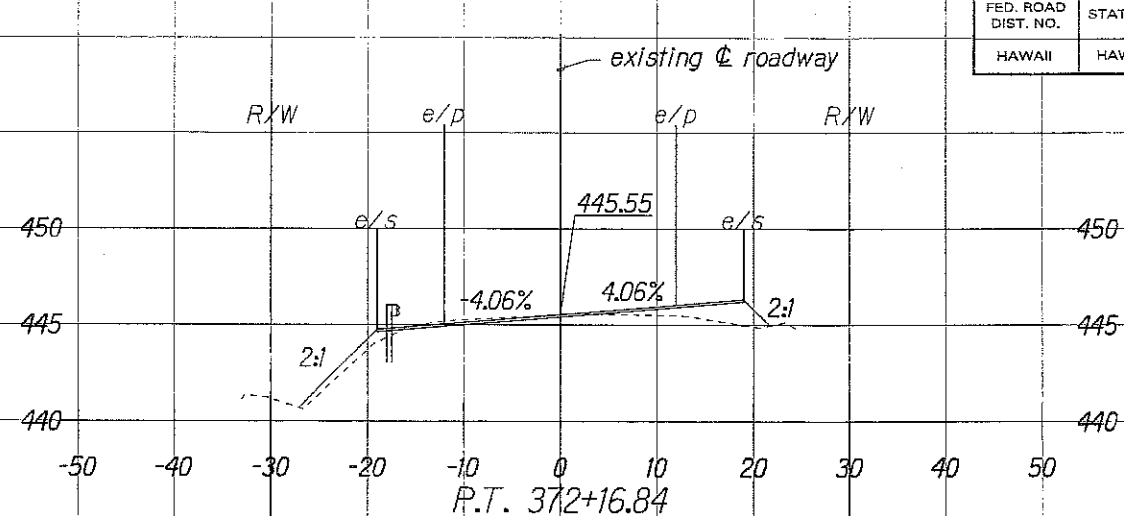
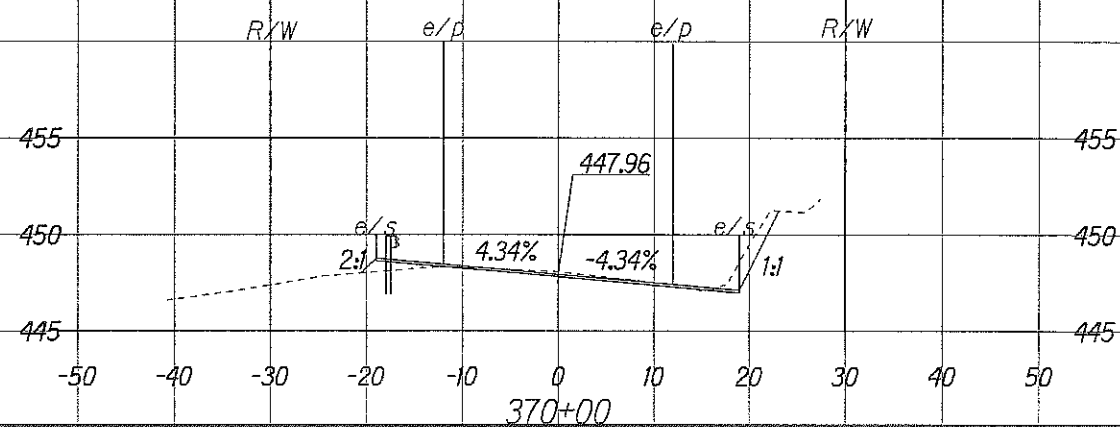
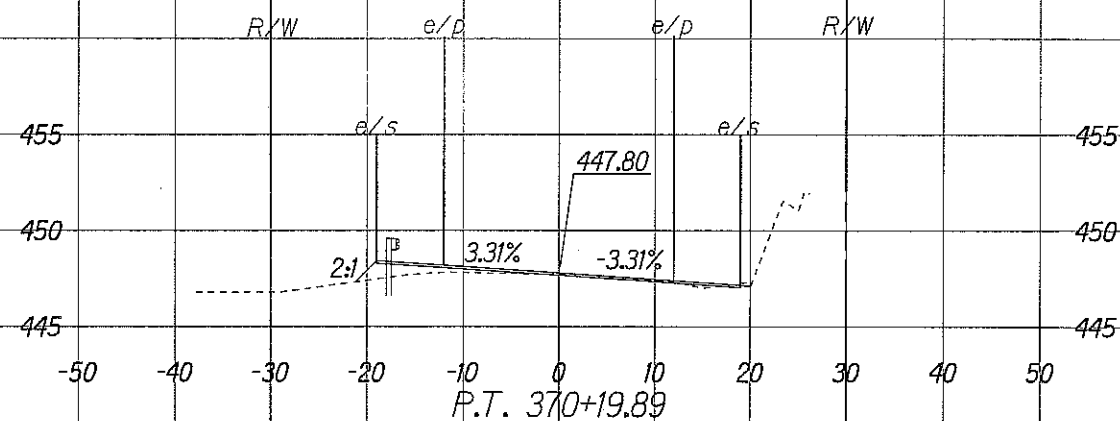
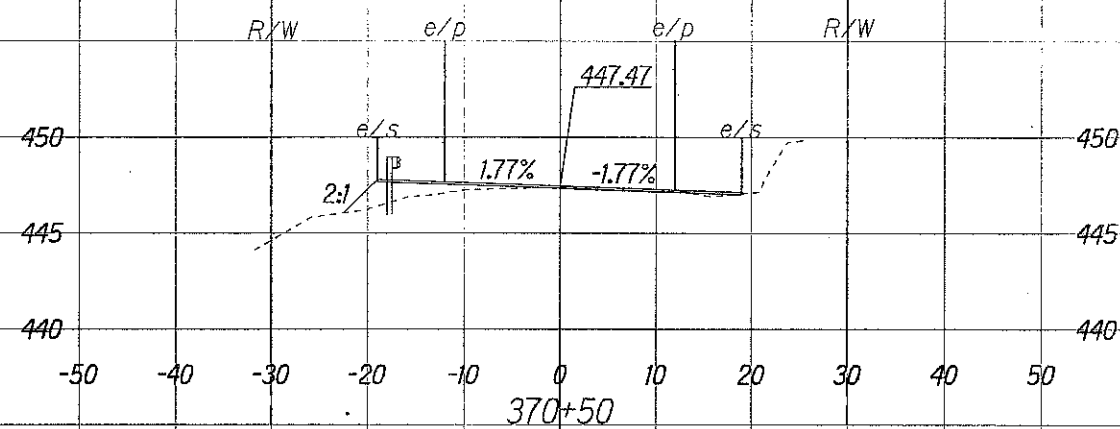
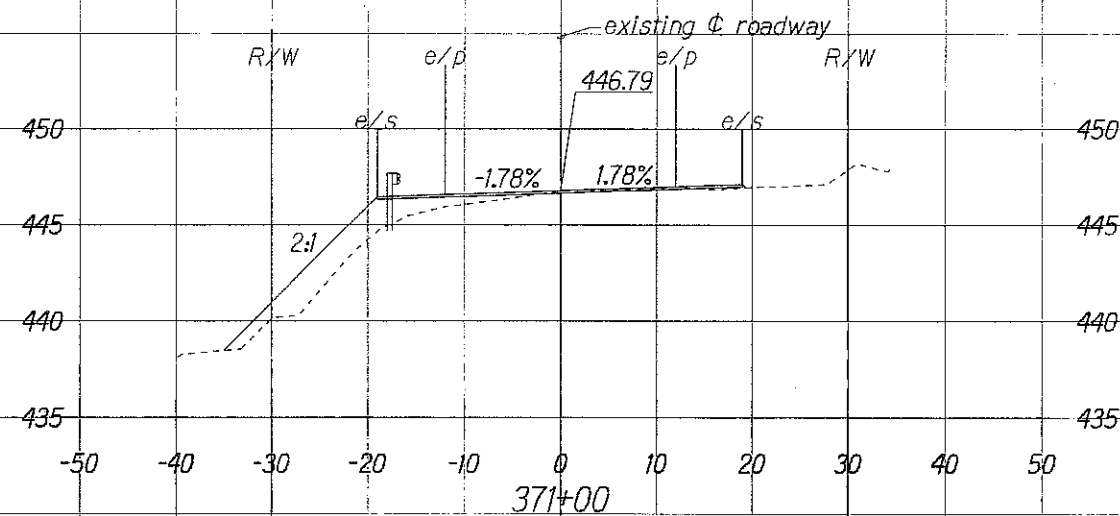


Scale:
 Horiz.: 1"=10'
 Vert.: 1"=5'

6/15/10	Realign Cross Section with Cross Section Sheet.
DATE	REVISION
SHEET No. 1	OF 3 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 30	32



Scale:
 Horiz.: 1"=10'
 Vert.: 1"=5'

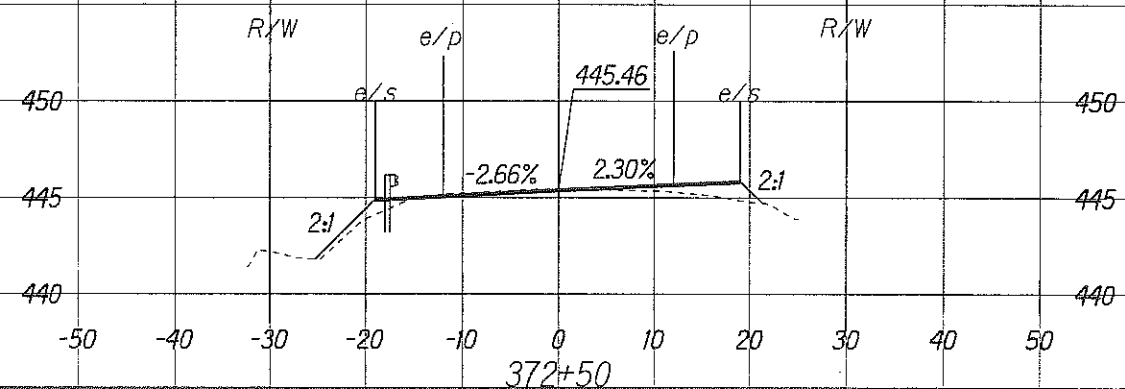
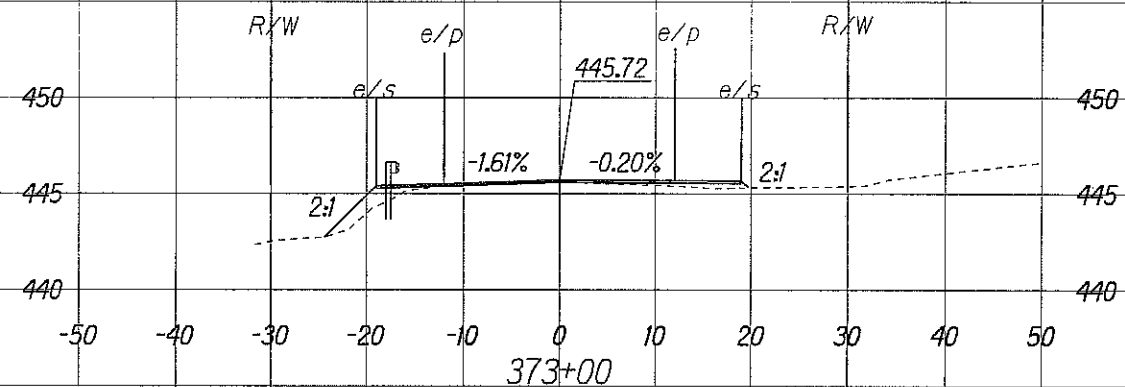
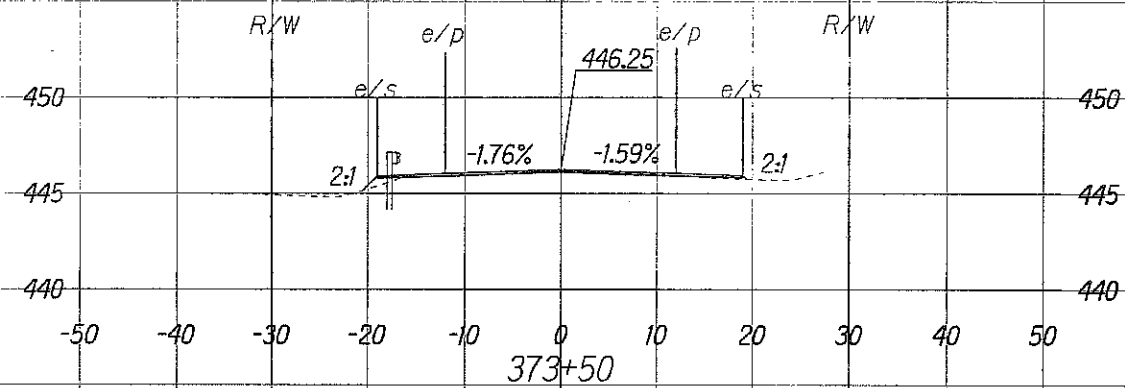
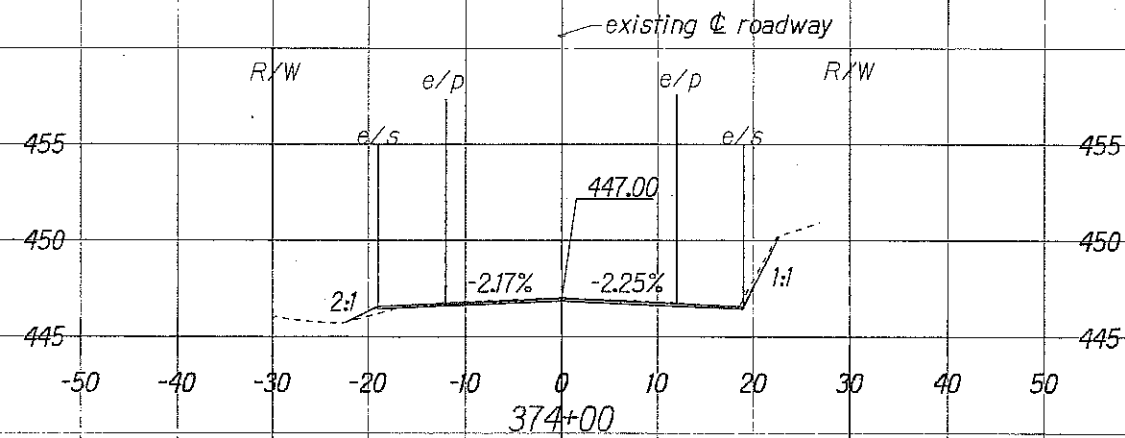
6/15/10	Realign Cross Section with Cross Section Sheet.
---------	---

DATE	REVISION			
SHEET No.	2	OF	3	SHEETS

ADD. 30

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____	
	DRAWN BY _____	
	TRACED BY _____	
	DESIGNED BY _____	
	QUANTITIES BY _____	
NOTE BOOK No. _____	CHECKED BY _____	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11E-01-10M	2010	ADD. 31	32



Scale:
 Horiz.: 1"=10'
 Vert.: 1"=5'

6/15/10 Realign Cross Section with Cross Section Sheet.

DATE REVISION
 SHEET No. 3 OF 3 SHEETS

ADD. 31

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