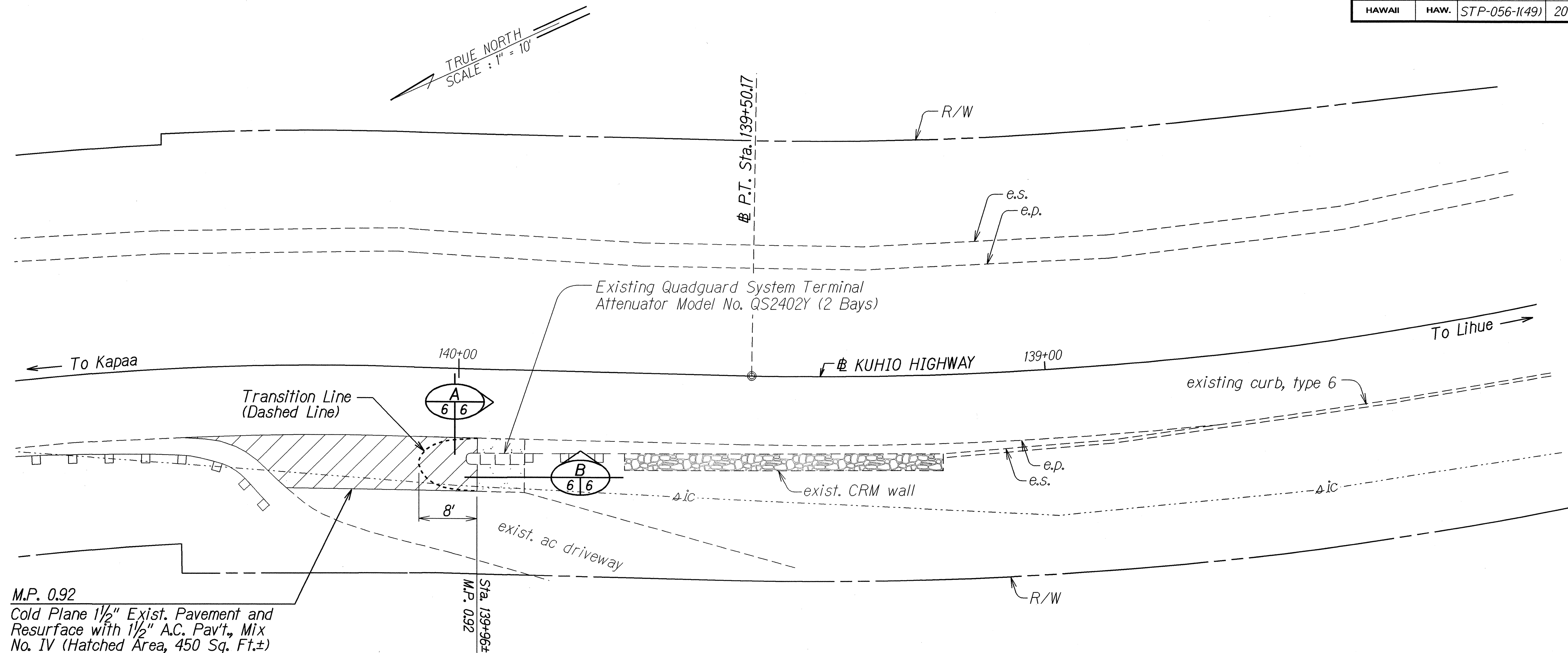
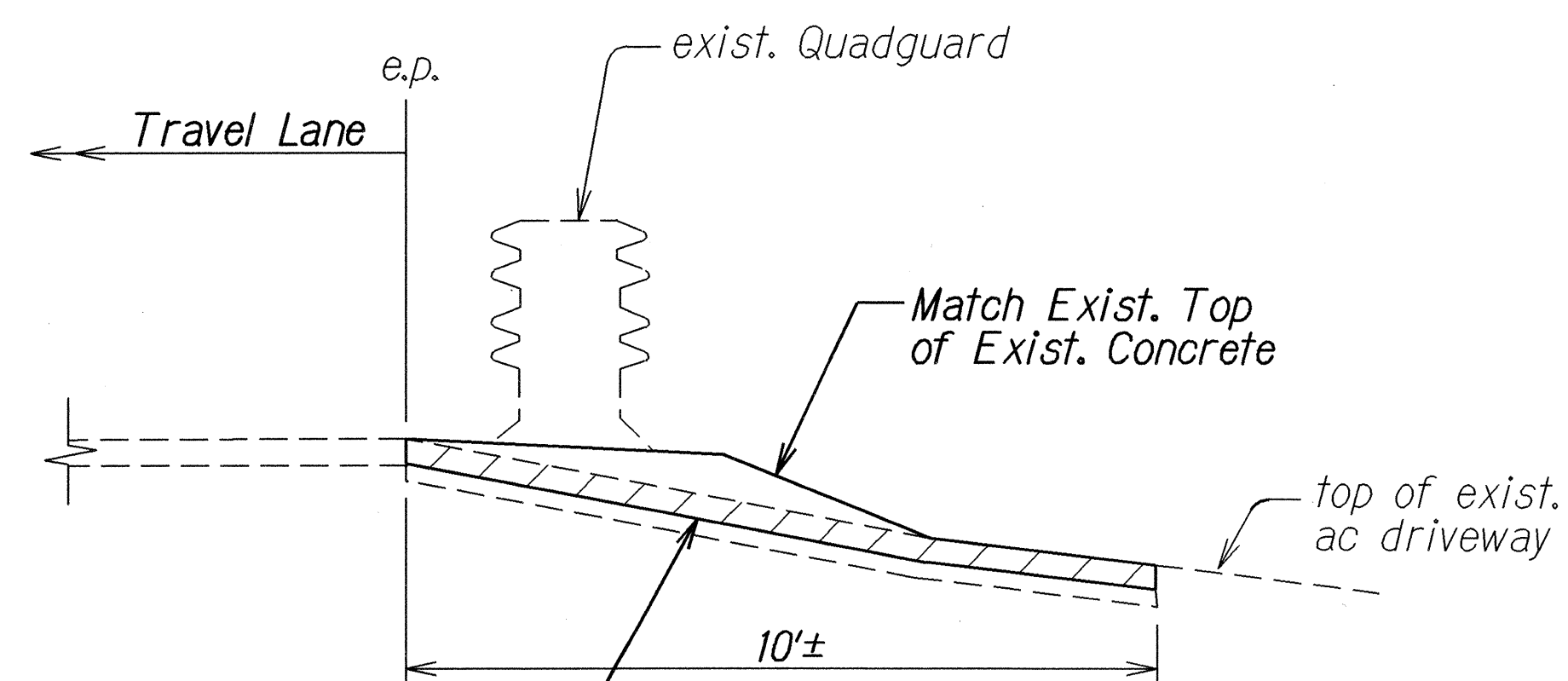


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	6	31

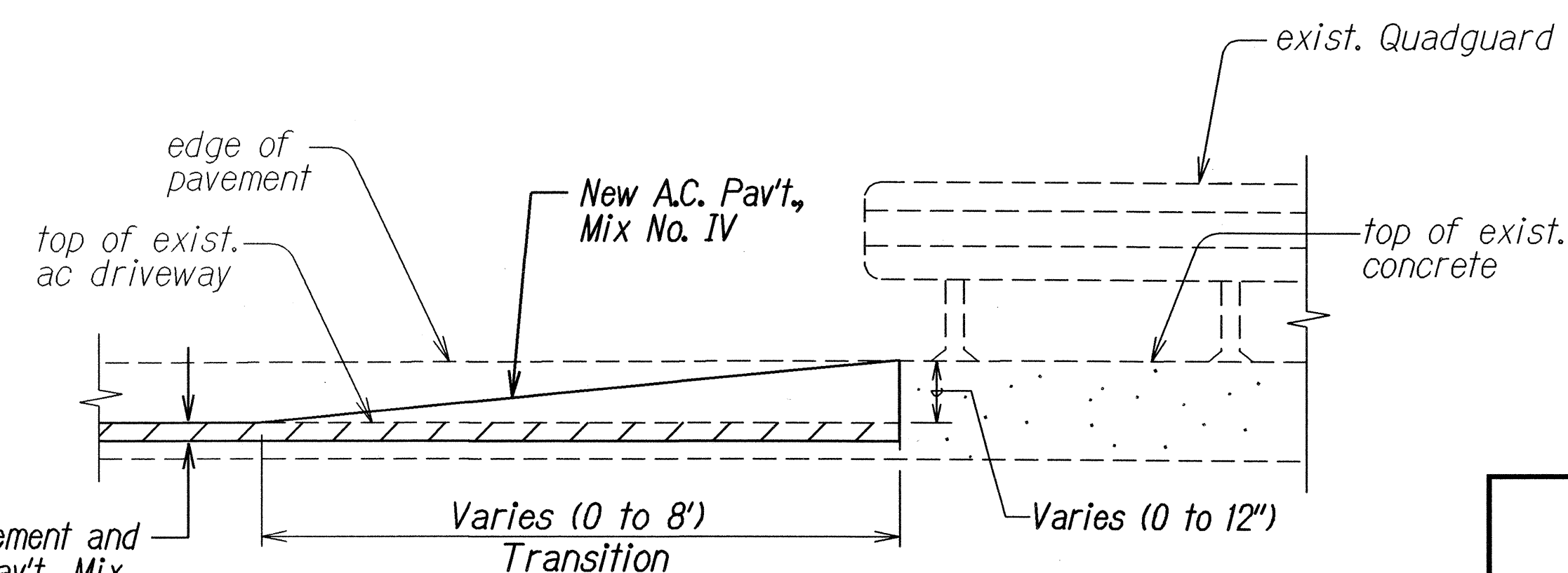


M.P. 0.92
Cold Plane 1 1/2" Exist. Pavement and Resurface with 1 1/2" A.C. Pav't, Mix No. IV (Hatched Area, 450 Sq. Ft.±)



Cold Plane 1 1/2" Exist. Pavement and Resurface with 1 1/2" A.C. Pav't, Mix No. IV (Hatched Area)

SECTION A
Not to Scale



Cold Plane 1 1/2" Exist. Pavement and Resurface with 1 1/2" A.C. Pav't, Mix No. IV (Hatched Area)

SECTION B
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY

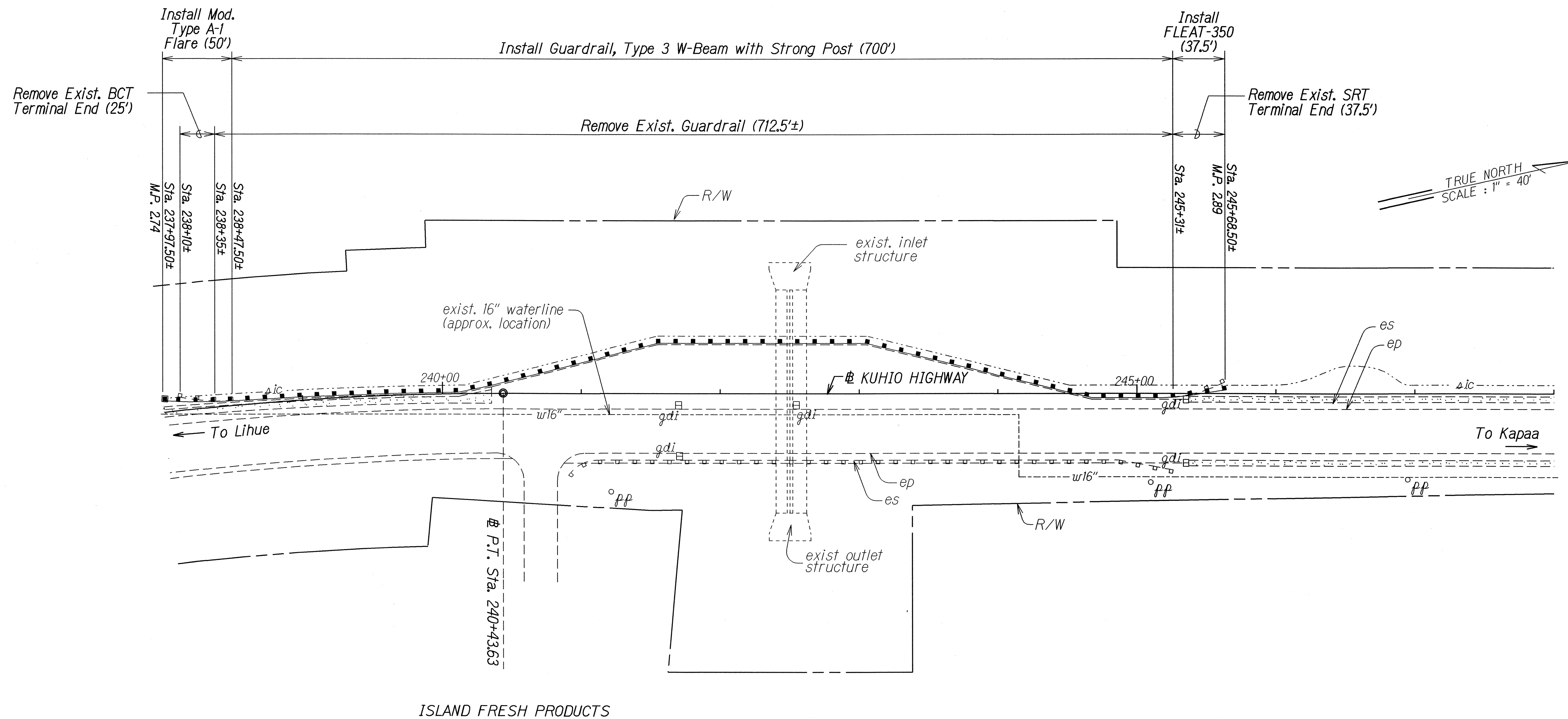
Guardrail and Shoulder Improvements at Various Locations

Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Oct. 2005

SHEET No. 1 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	7	31



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
7/1/2005	TRACED BY	
7/1/2005	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

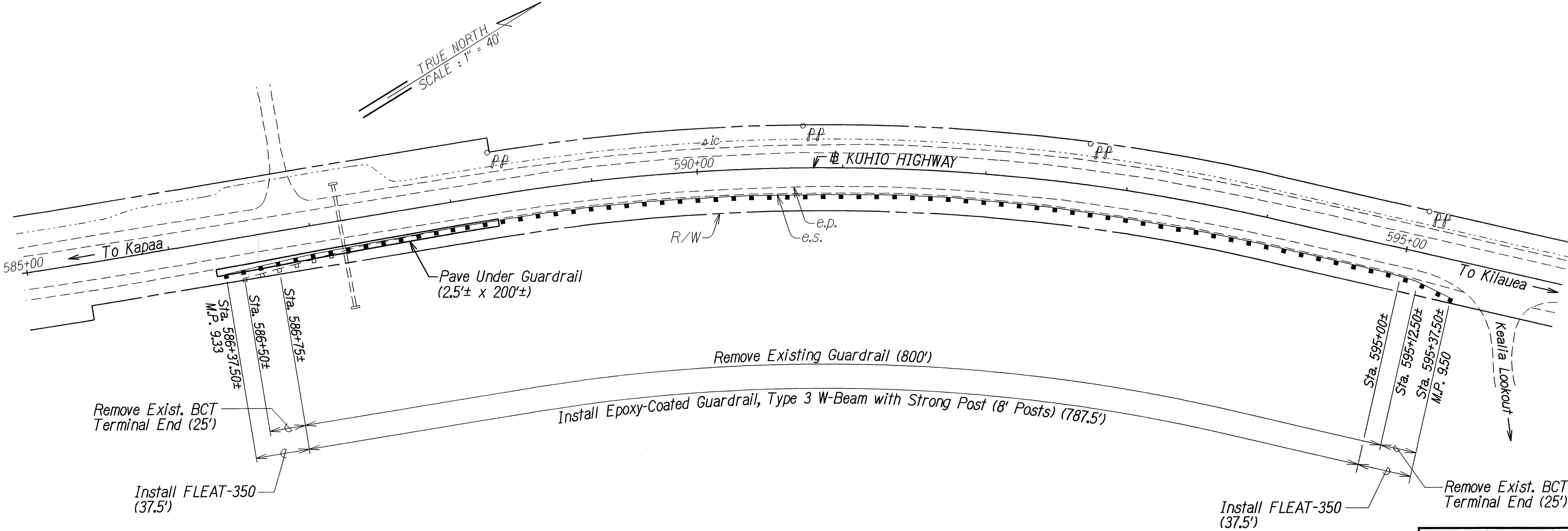
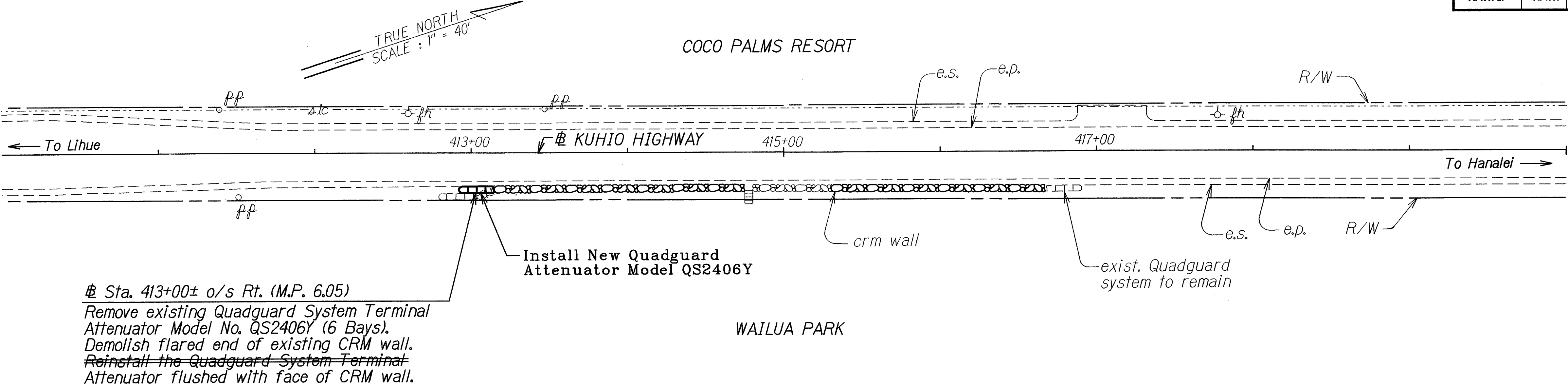
ROADWAY PLAN

KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Oct. 2005

SHEET No. 2 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	9	31



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

ROADWAY PLAN

KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

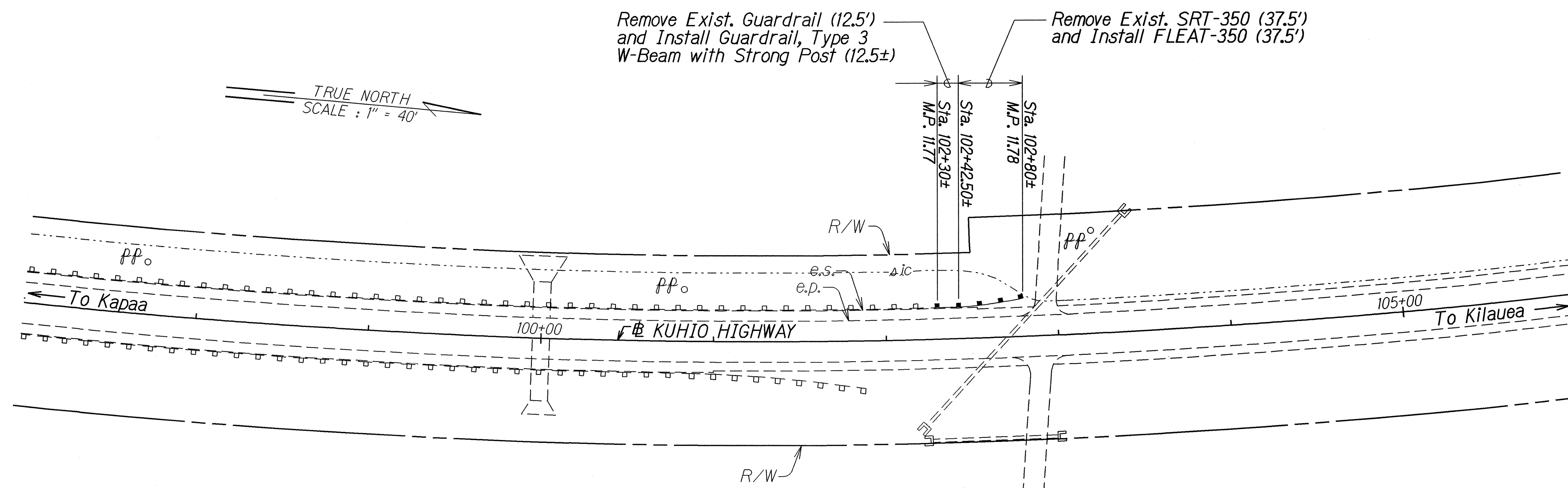
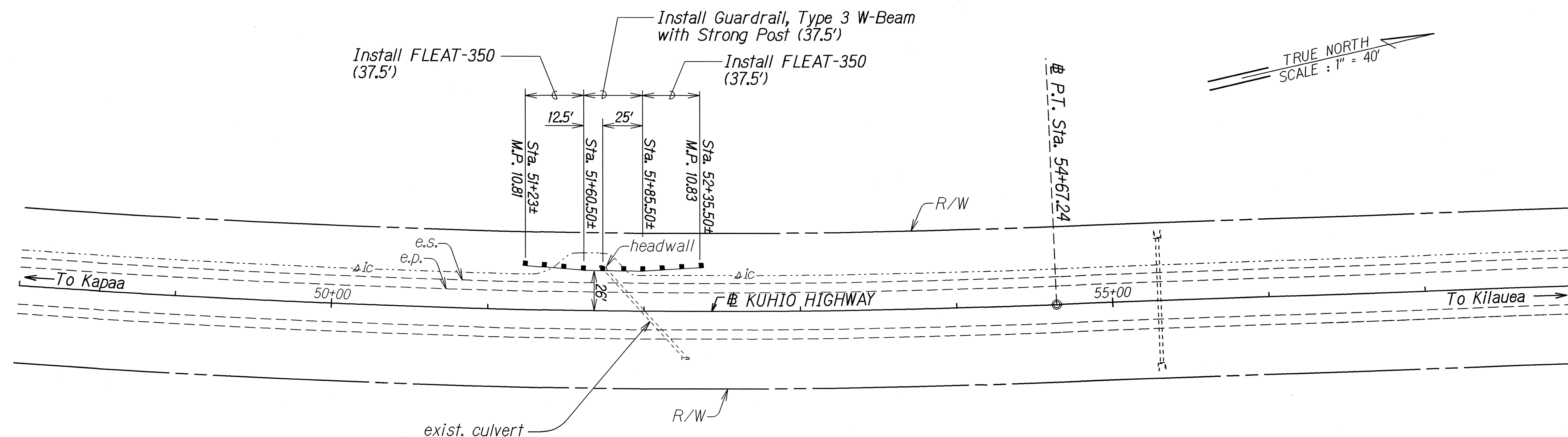
Scale: As Shown
Date: Oct. 2005

SHEET No. 4 OF 11 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	10	31



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
7/16/06/00000000	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

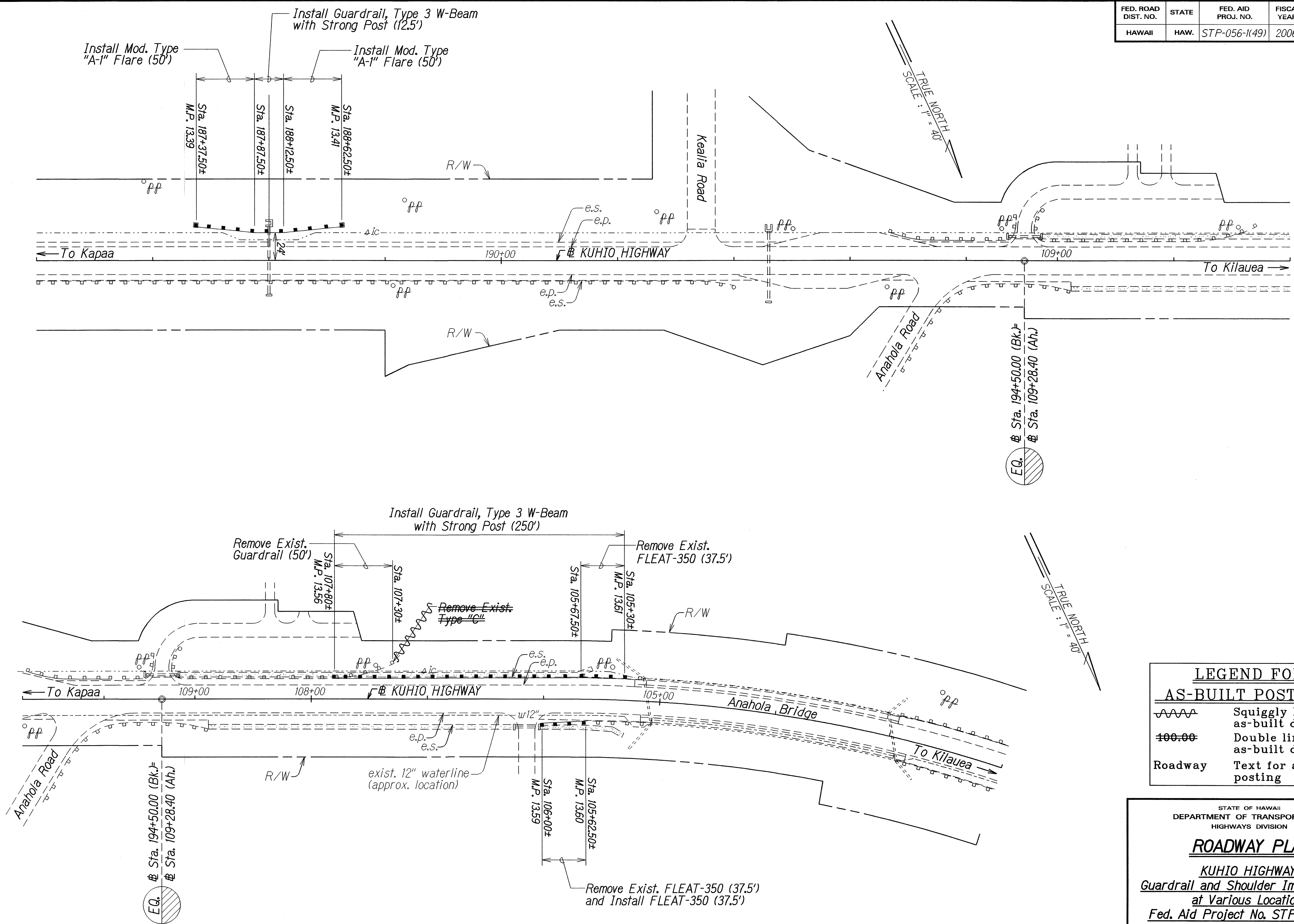
ROADWAY PLAN

KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Oct. 2005

SHEET No. 5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	11	31



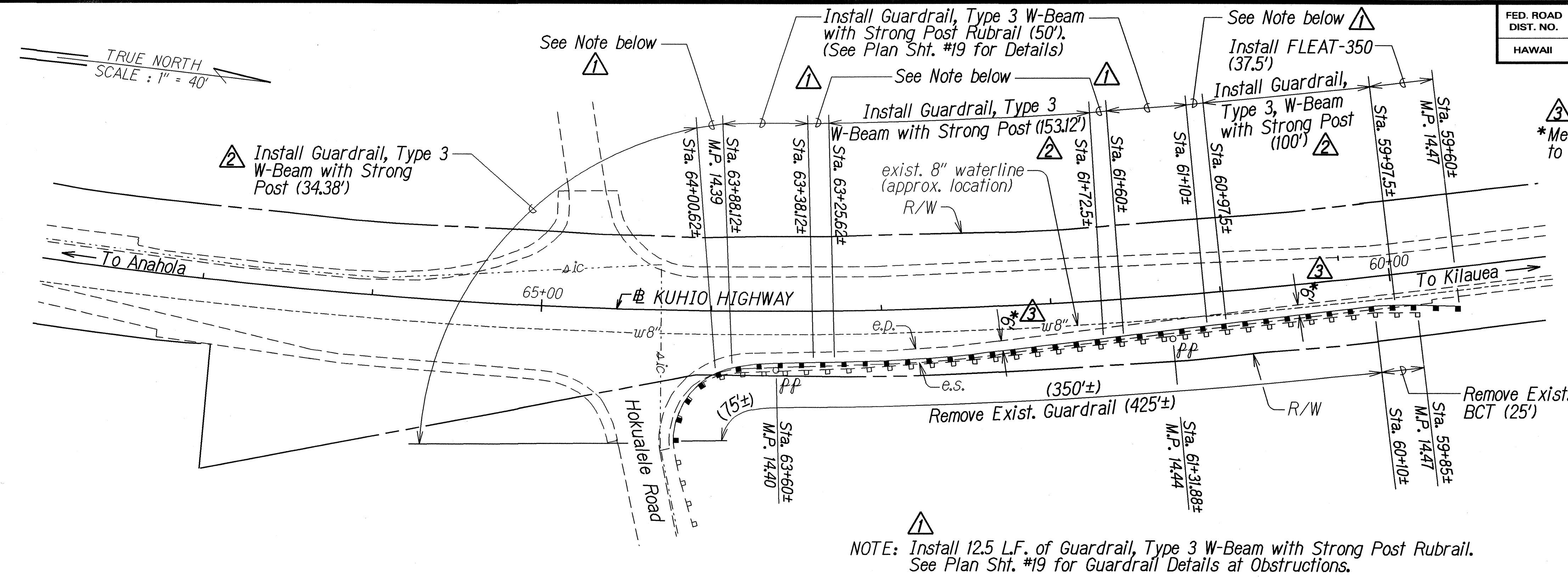
DATE	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY
10/10/05	DESIGNED BY	CHECKED BY

LEGEND FOR AS-BUILT POSTINGS	
AAAA	Squiggly line for as-built deletion
100-00	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)
Scale: As Shown
Date: Oct. 2005
SHEET No. 6 OF 11 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	ADDJ2	31



NOTE: Install 12.5 L.F. of Guardrail, Type 3 W-Beam with Strong Post Rubrail. See Plan Sht. #19 for Guardrail Details at Obstructions.

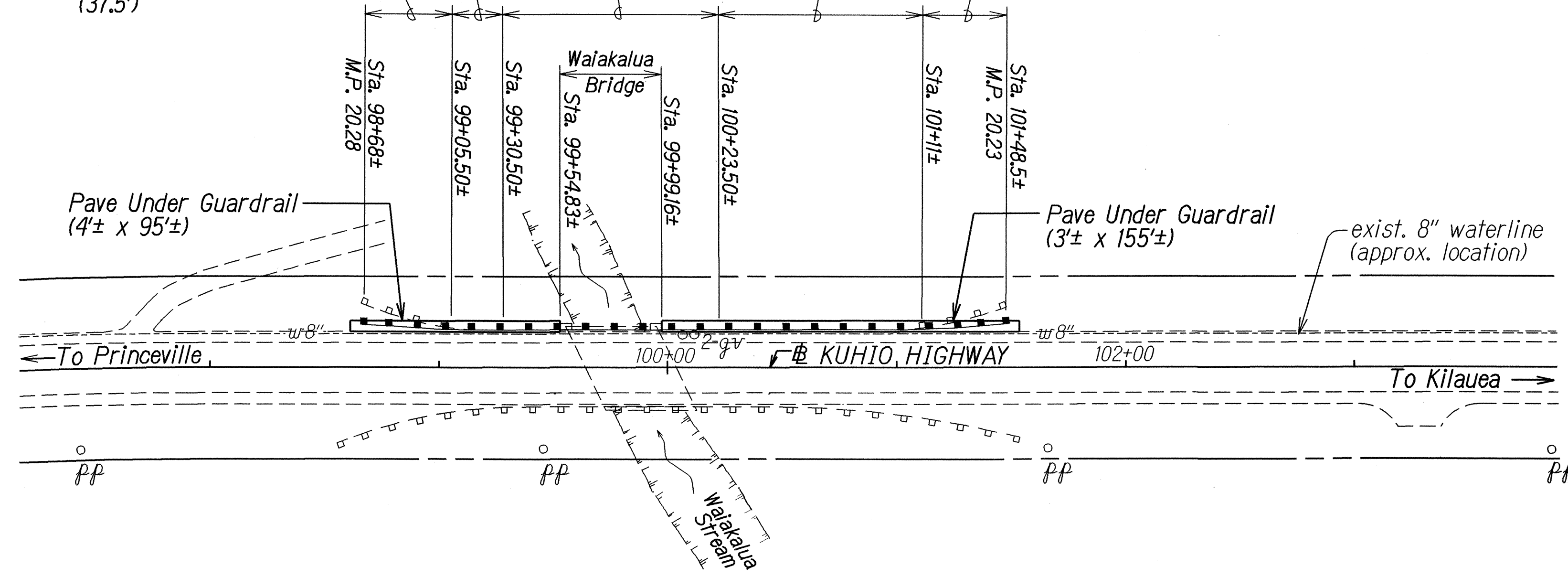
Remove Exist. Thrie Beam (93±) and Bike Rail (45±). Install New Thrie Beam & Bike Rail. See Plan Shts. 26 - 29 for Details.

Remove Exist. Guardrail (25'). Install Guardrail, Type 3 W-Beam with Strong Post (25')

Remove Exist. FLEAT-350 and Install FLEAT-350 (37.5')

Remove Exist. Guardrail (87.5'). Install Guardrail, Type 3 W-Beam with Strong Post (87.5')

Remove Exist. FLEAT-350. Install FLEAT-350 (37.5')



DATE	REVISION
1/27/06	Added note
	Revised guardrail quantity
	Revised drawing and added note

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY

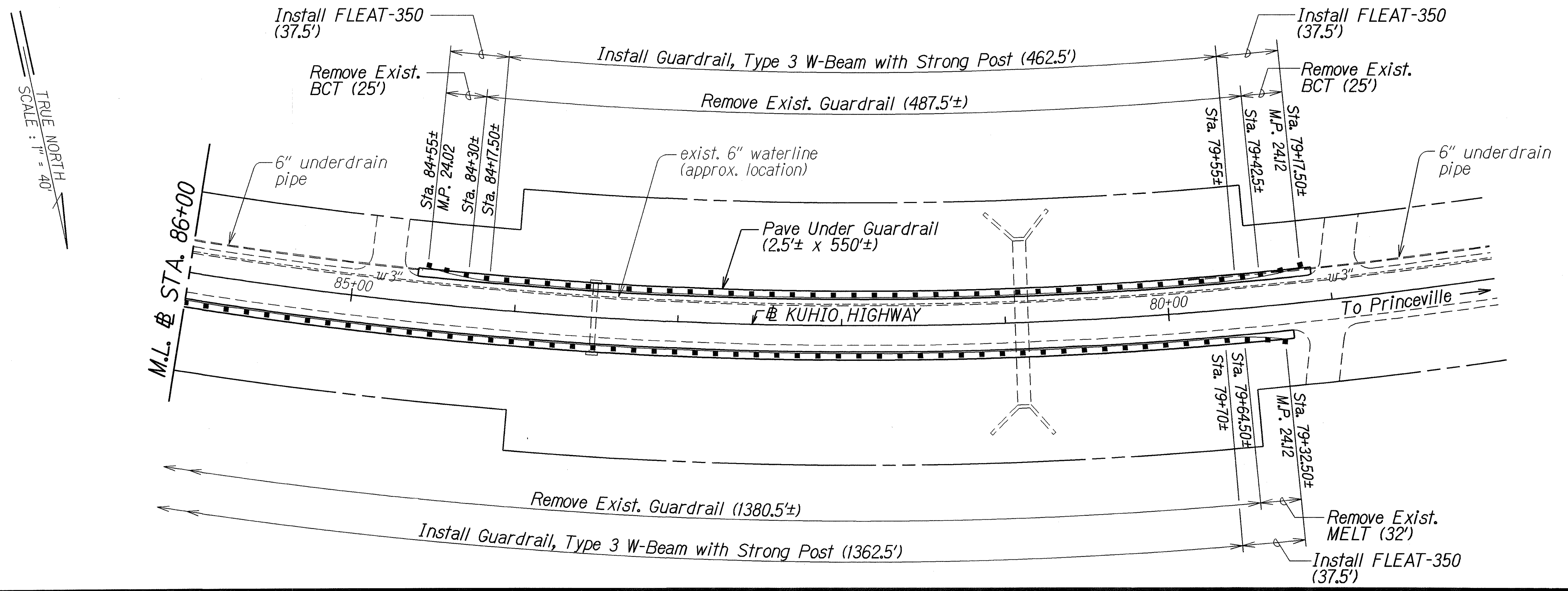
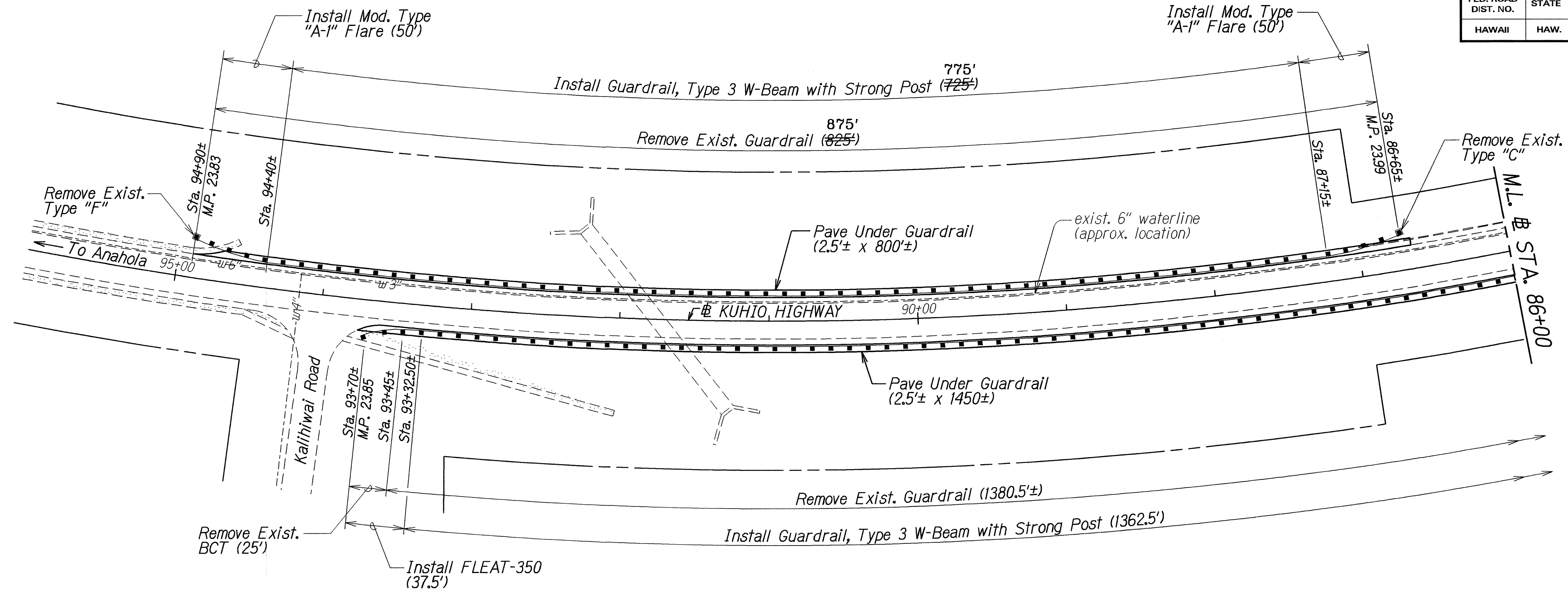
Guardrail and Shoulder Improvements at Various Locations

Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Jan. 2006

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	13	31



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

ROADWAY PLAN

KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

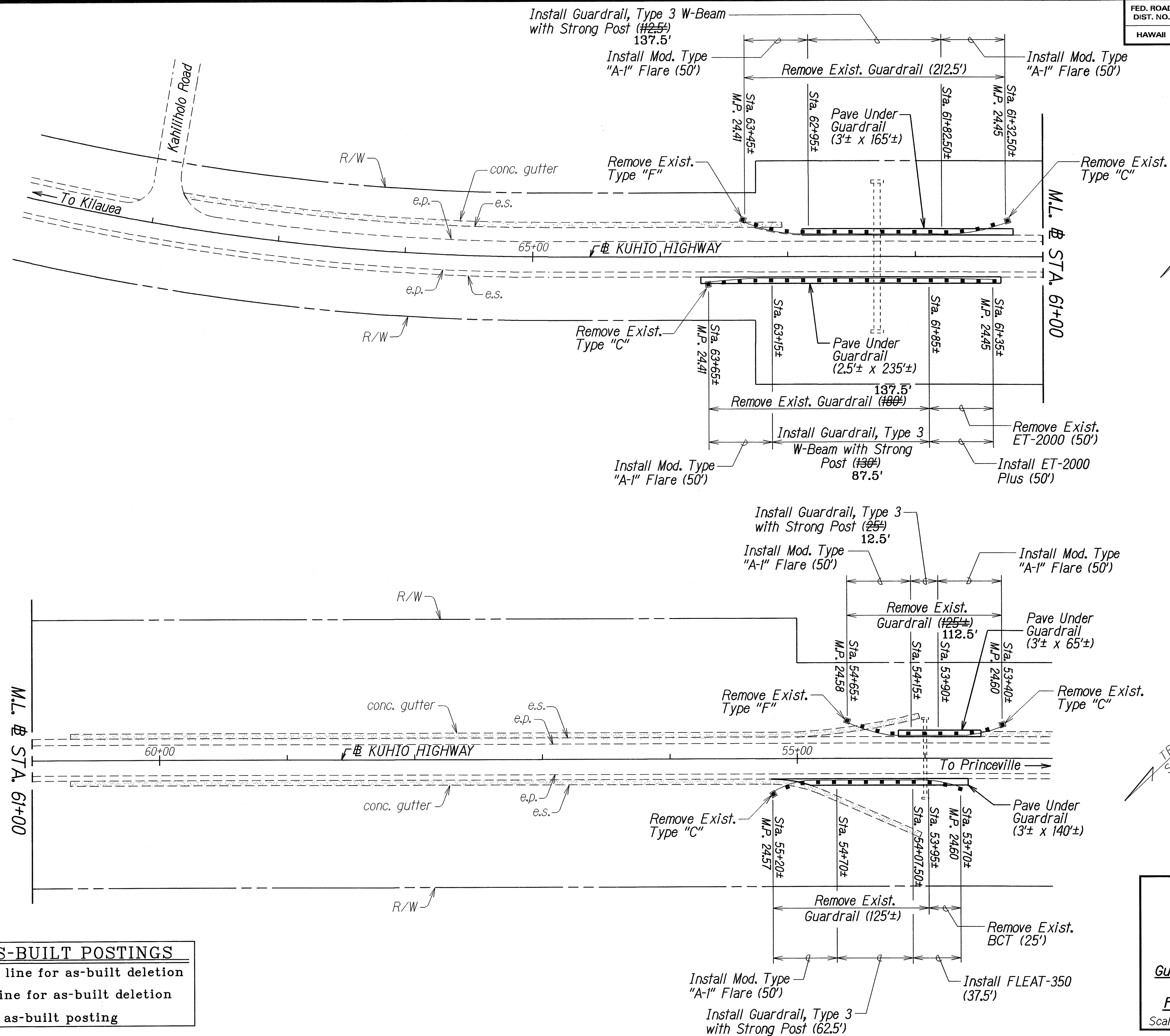
Scale: As Shown Date: Oct. 2005

SHEET No. 8 OF 11 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
7/10/2005	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	14	31



7 TRUE NORTH
SCALE : 1" = 40'

TRUE NORTH
SCALE : 1" = 40'

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY <u>X</u> _____
141/1000	TRACED BY _____
7400/99.000	DESIGNED BY <u>X</u> _____
	QUANTITIES BY _____
	CHECKED BY _____

LEGEND FOR AS-BUILT POSTINGS

- | | |
|---|-------------------------------------|
|  | Squiggly line for as-built deletion |
| 100.00 | Double line for as-built deletion |
| Roadway | Text for as-built posting |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

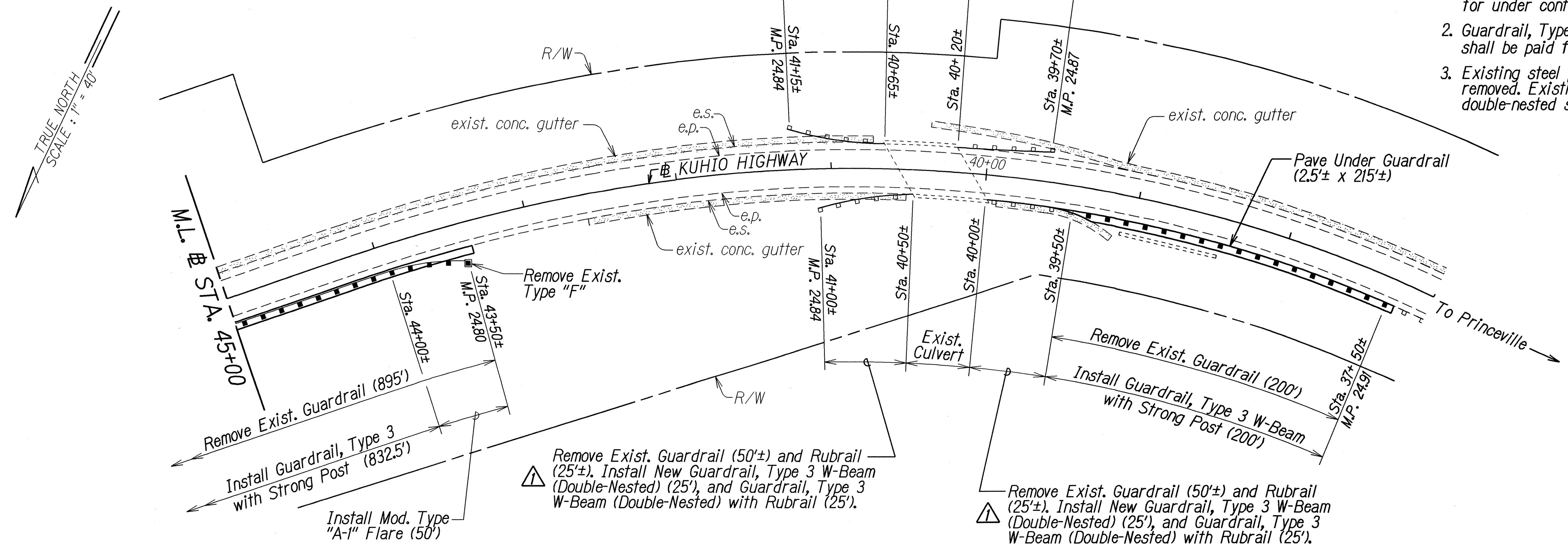
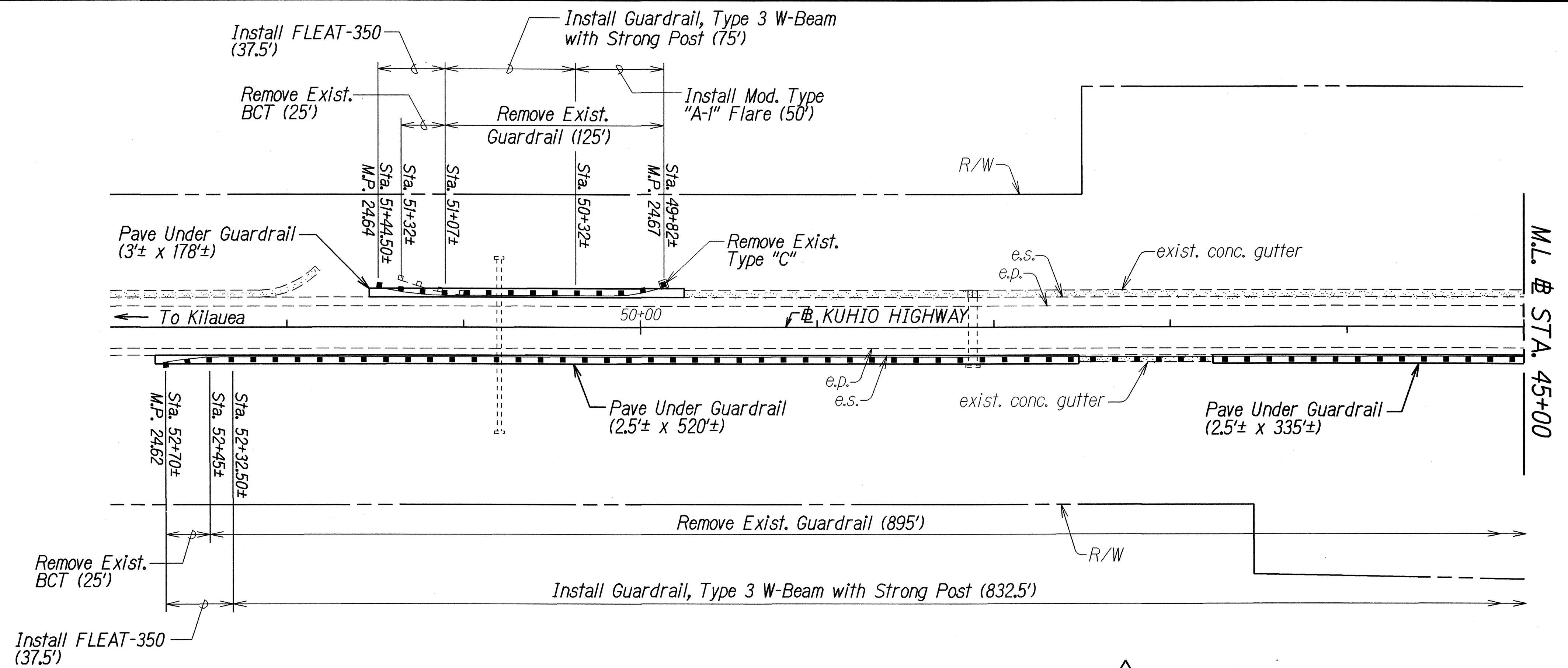
KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Oct. 2005

SHEET No. 9 OF 11 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	ADD.15	31



- NOTES:**
- Guardrail, Type 3 W-Beam (Double Nested) shall be paid for under contract Item No. 606.3133.
 - Guardrail, Type 3 W-Beam (Double-Nested) with Rubrail shall be paid for under contract Item No. 606.3134.
 - Existing steel posts, concrete anchors and GRP shall not be removed. Existing steel posts shall be used to install the new double-nested steel rail and rubrail.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
REVISION	
QUANTITIES BY	
CHECKED BY	

1/27/06	Added notes
	Revised callout
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY

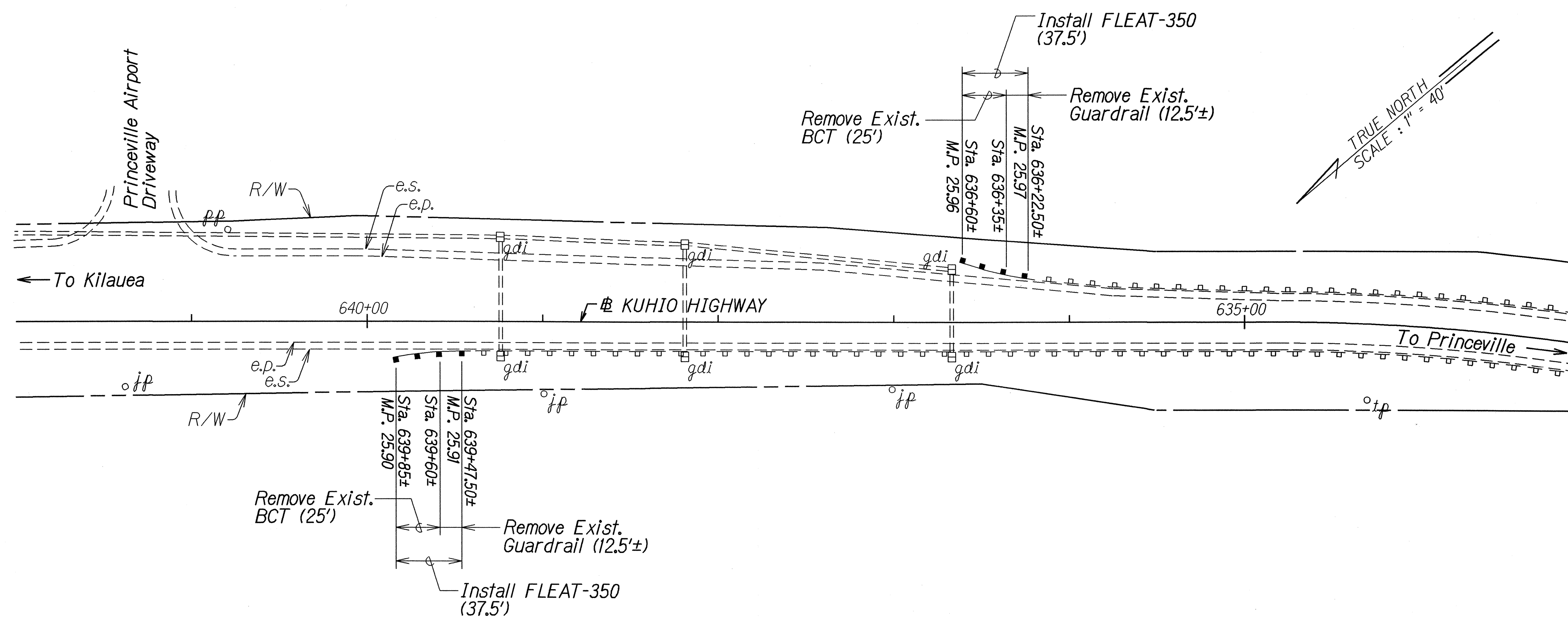
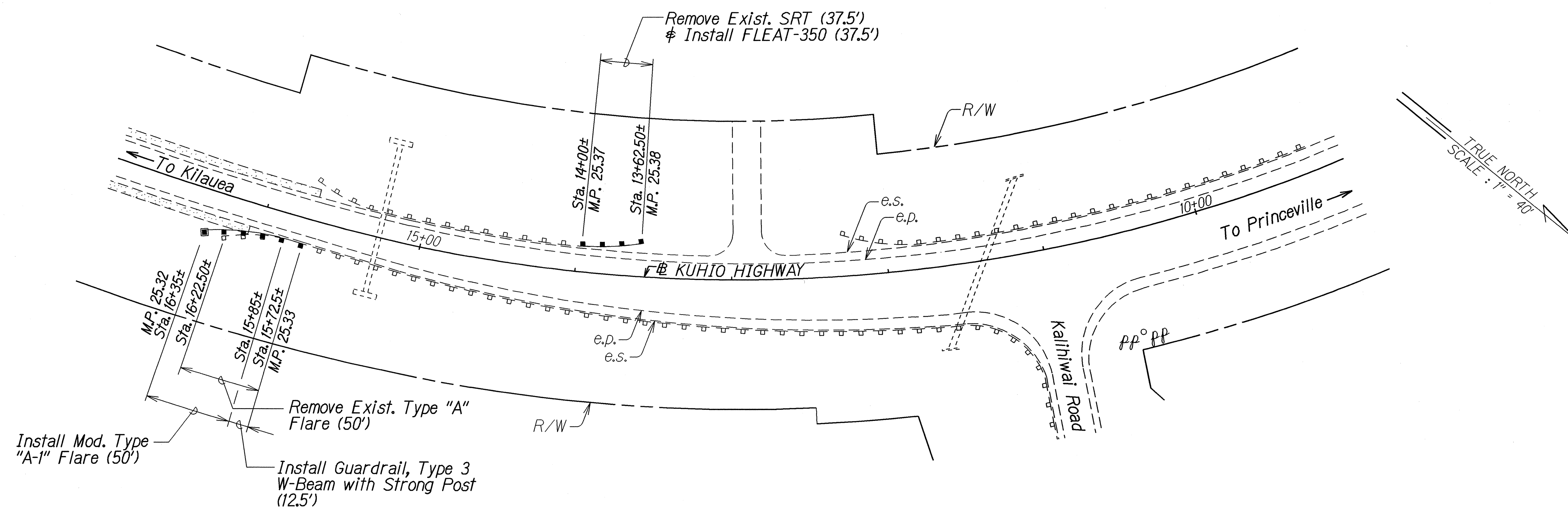
Guardrail and Shoulder Improvements at Various Locations

Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Jan. 2006

SHEET No. 10 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(49)	2006	16	31



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
REVISION	_____
7/20/2005	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY
Guardrail and Shoulder Improvements
at Various Locations
Fed. Aid Project No. STP-056-1(49)

Scale: As Shown Date: Oct. 2005

SHEET No. 11 OF 11 SHEETS