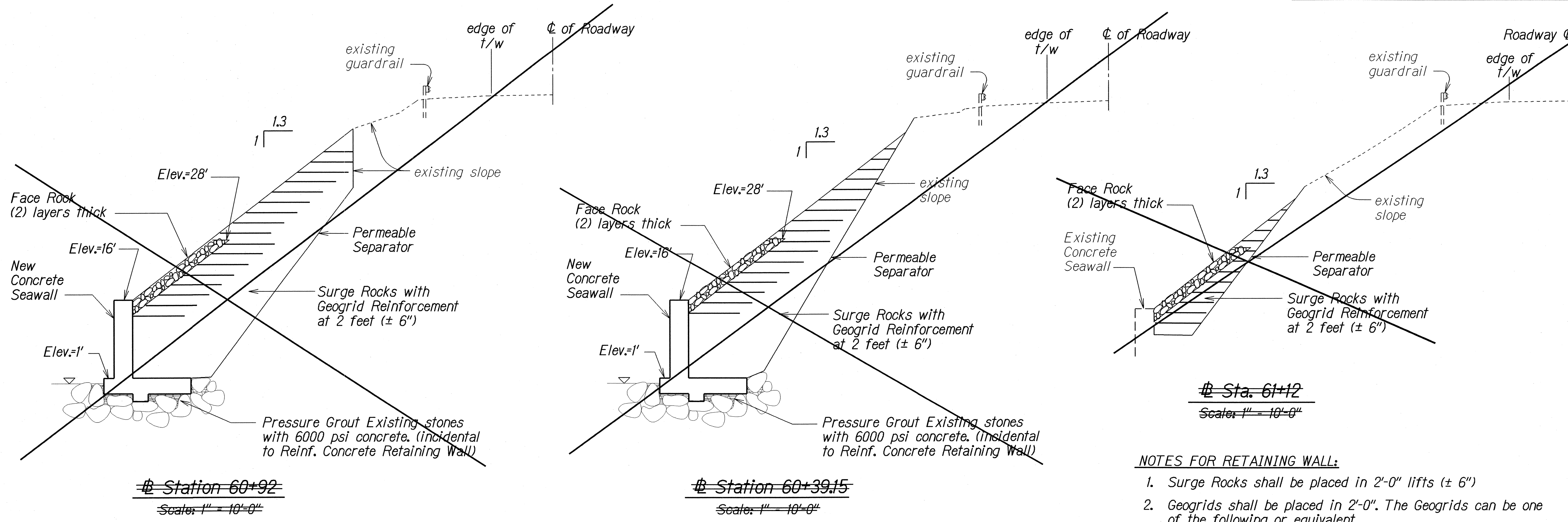
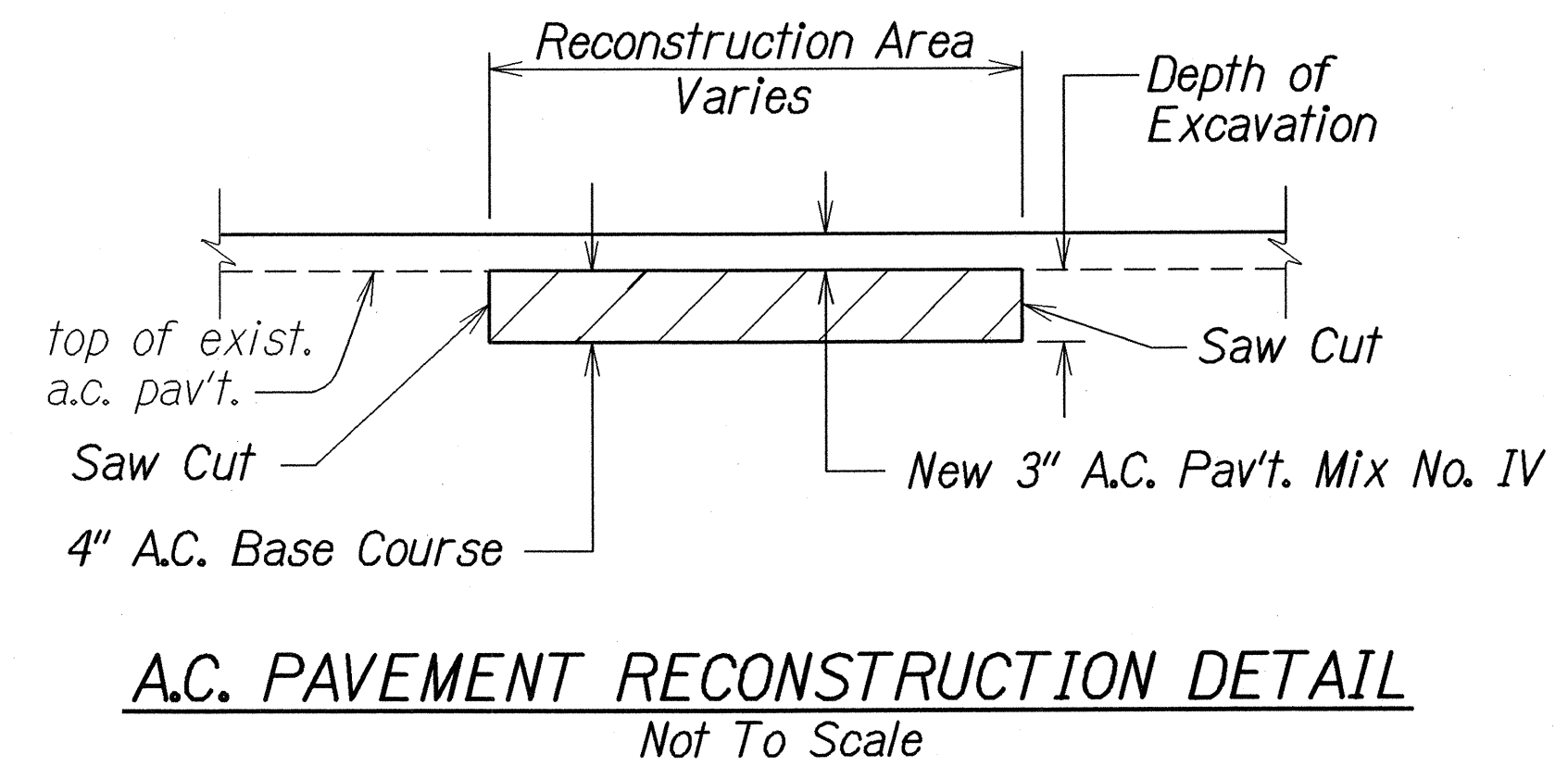
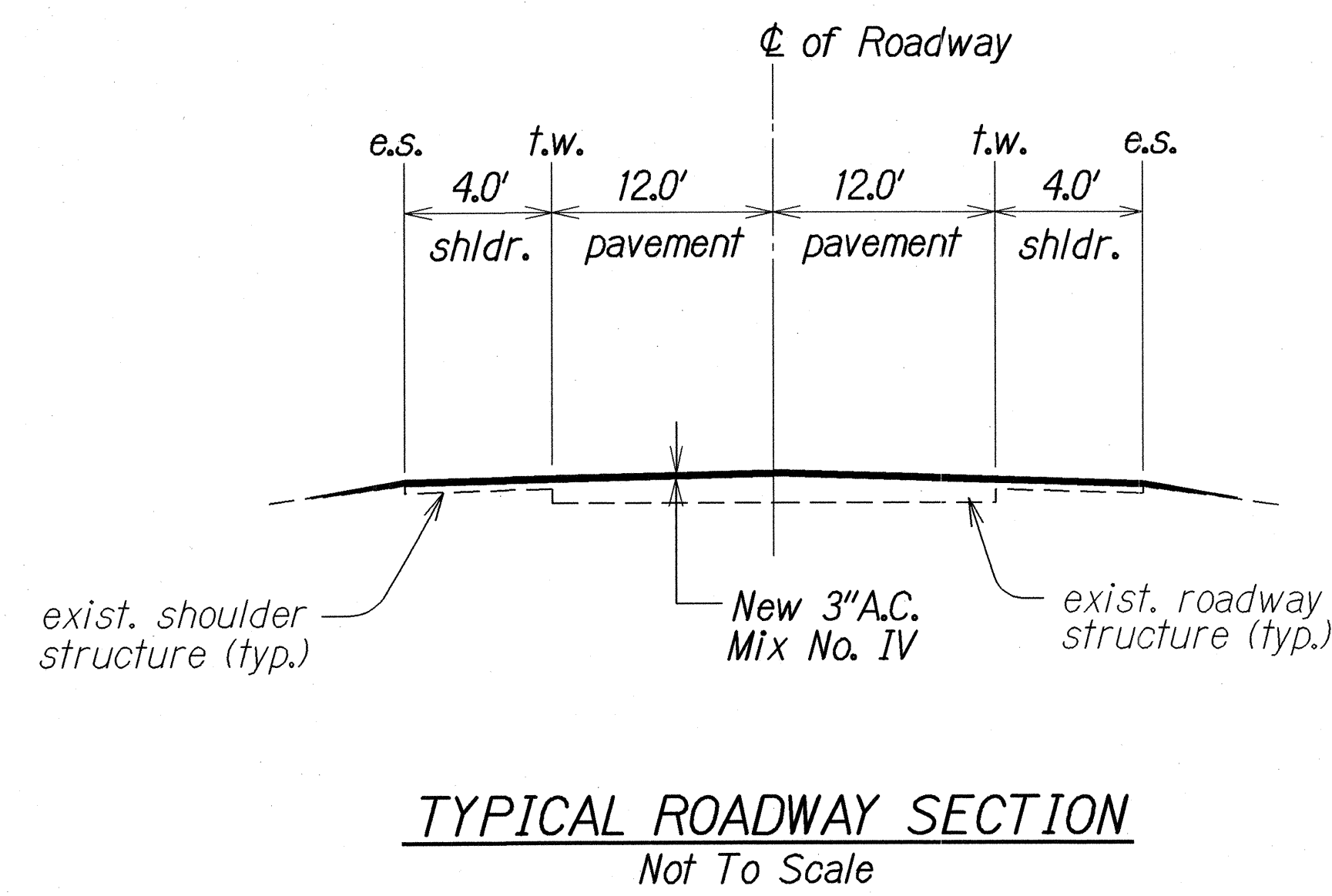


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19K-01-97M	1997	9	10



- NOTES FOR RETAINING WALL:**
- Surge Rocks shall be placed in 2'-0" lifts (± 6")
 - Geogrids shall be placed in 2'-0". The Geogrids can be one of the following or equivalent.
 - Tenax Corporation = MS220
 - Tensar Tech. Inc. = BX-1100
 - Contech Const. Product = BX-1100
 - Geogrids shall be considered incidental to Surge Rocks. The estimated quantity is 1,500 sy.
 - Clearing of debris behind the existing and the new proposed retaining walls shall be considered incidental to various contract items.
 - Excavating for the footing and pressure grouting of the existing stones shall be considered incidental to Reinforced Concrete Retaining Wall.
 - Face Rock to be 200-400 lbs.



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 CROSS SECTIONS

HAWAII BELT ROAD,

Emergency Repair To Seawall & Embankment,

Vicinity Of Kalalau Stream

Project No. 19K-01-97M

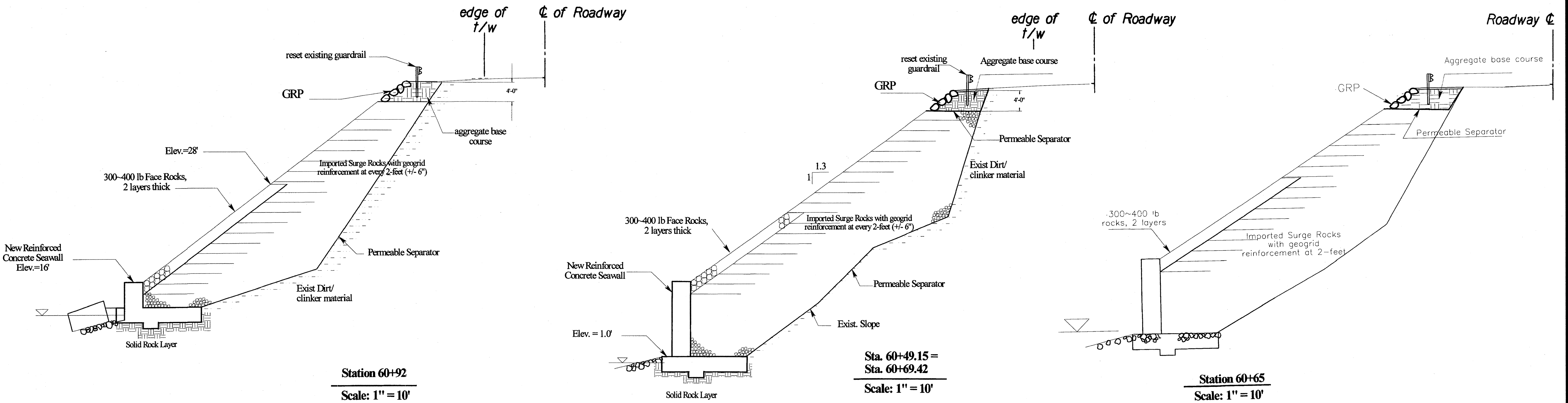
Scale: As Noted

Date: May 1997

DATE	REVISION
6-16-97	Replaced Handlaid Riprap with Face Rock and added Note No. 6 per Addendum No. 1.

SURVEY PLOTTED BY	DATE
DESIGNED BY	6/16/97
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19K-01-97M	1997	9S-1	10



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

This sheet prepared during
As-Built posting.

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL CROSS SECTIONS

HAWAII BELT ROAD,
Emergency Repair To Seawall & Embankment,
Vicinity Of Kalalau Stream
Project No. 19K-01-97M

Scale: As Noted

Date: May 1997

SHEET No. 1 OF 1 SHEETS

9S-1