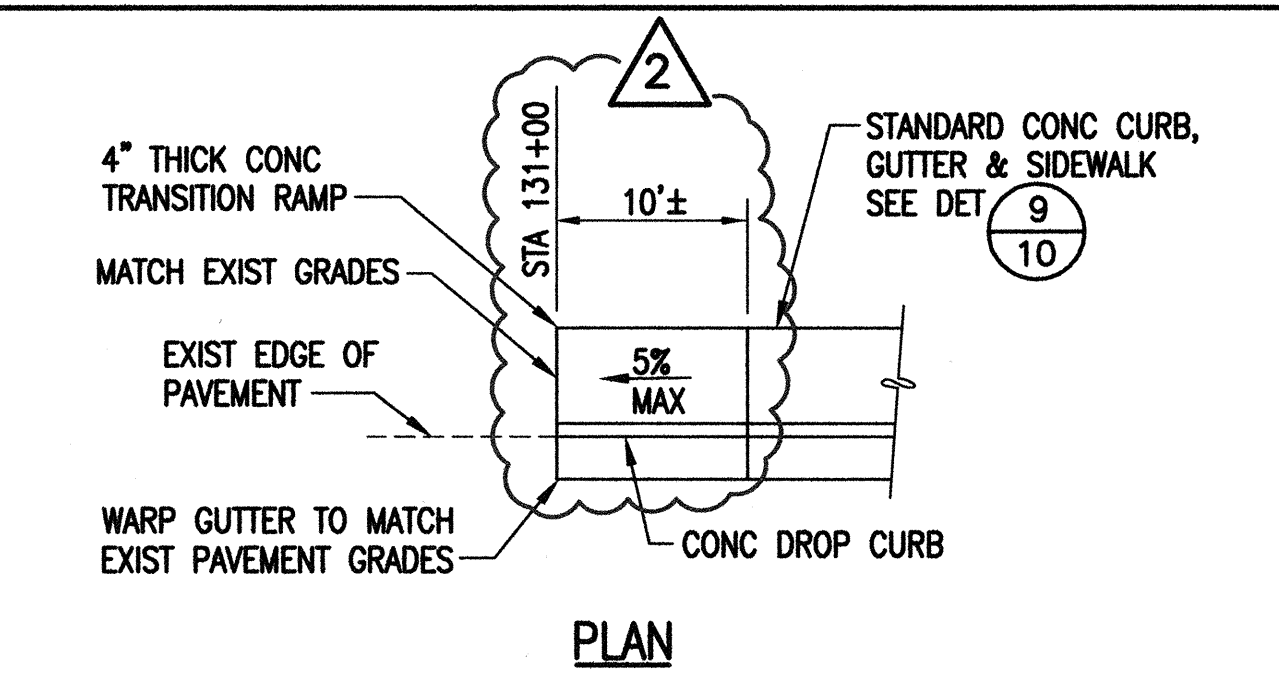
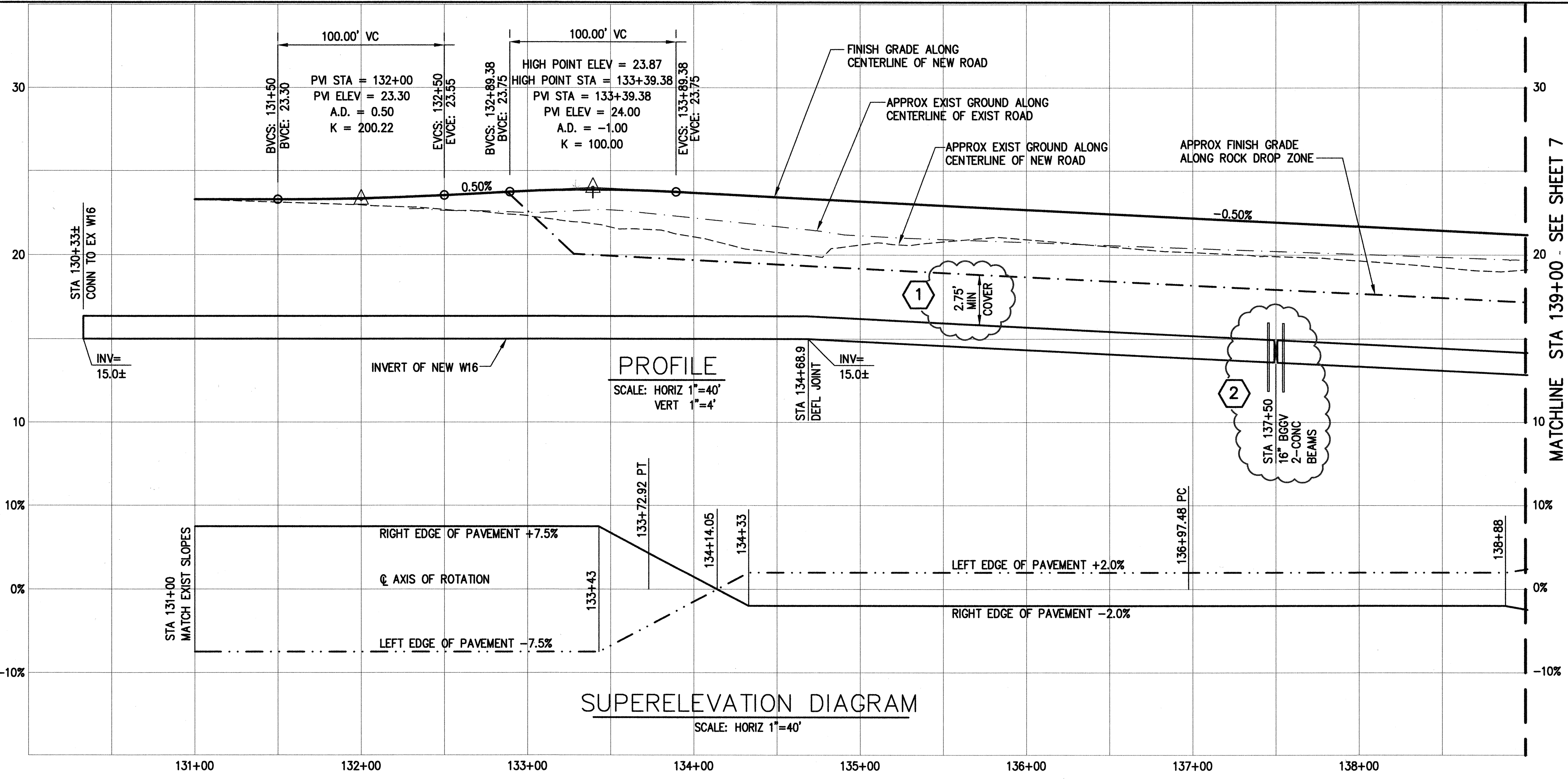
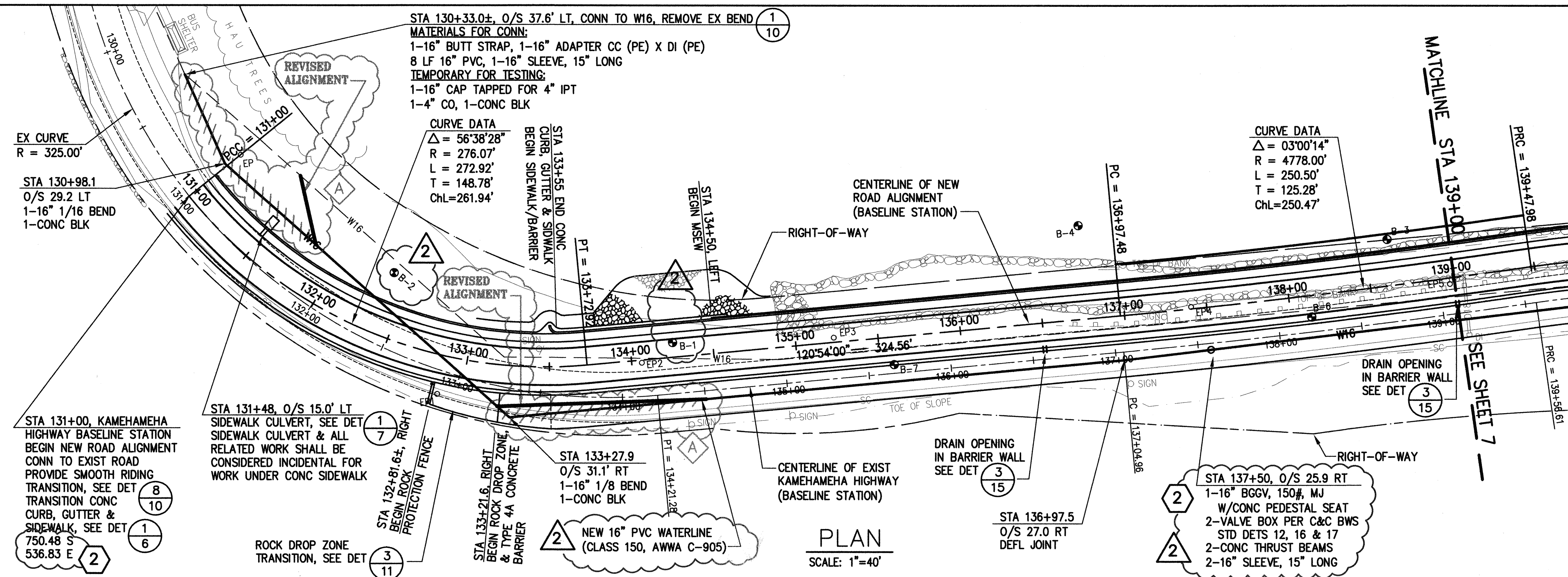
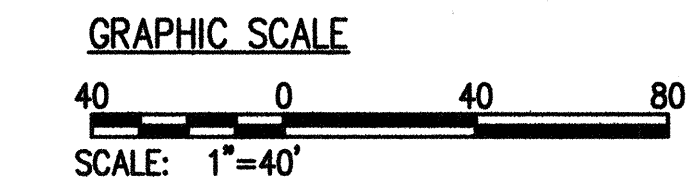


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	STP-083-1(45)	2000	C.O. ADD. 6	39

- NOTES:**
- STA 133+21.6, RIGHT & STA 141+50, RIGHT - INSTALL QUADGUARD (TL-2) ATTENUATOR (2' WIDE) WITH TRANSITION TO CONCRETE BARRIER. INCLUDED IN THE COST OF THE QUADGUARD IS THE TRANSITION TO THE CONCRETE BARRIER.
 - STA 143+20, LEFT - REMOVE EXISTING GUARDRAIL AS REQ'D FOR THE NEW ROADWAY PAVEMENT. INSTALL QUADGUARD (TL-2) ATTENUATOR (2' WIDE) WITH 4' WIDTH CLEARANCE FROM THE CONCRETE SIDEWALK/BARRIER FACE. THE QUADGUARD SHALL BE INSTALLED ON THE SIDEWALK WITH THE CONCRETE PAD AT GRADE. 80 LINEAR FEET OF THE NEW METAL GUARDRAIL SHALL BE USED TO TIE IN THE ATTENUATOR TO THE EXISTING METAL GUARDRAIL. INCLUDED IN THE COST OF THE QUADGUARD ATTENUATOR IS THE TRANSITION TO THE METAL GUARDRAIL.

LEGEND FOR AS-BUILT POSTINGS

	Cross-hatch for as-built deletion
	Double line for as-built deletion
	Text for as-built posting



1-31-02	"AS-BUILT"	A
4-18-00	REVISION	2
4-13-00	REVISION	1
4-7-00	ADDENDUM	2
DATE	REVISION	

EARTH TECH

700 Bishop Street, Suite 900
Honolulu, HI 96813

GARY T. YAMAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 2997-C
HAWAII U.S.A.

[Signature]
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN AND PROFILE

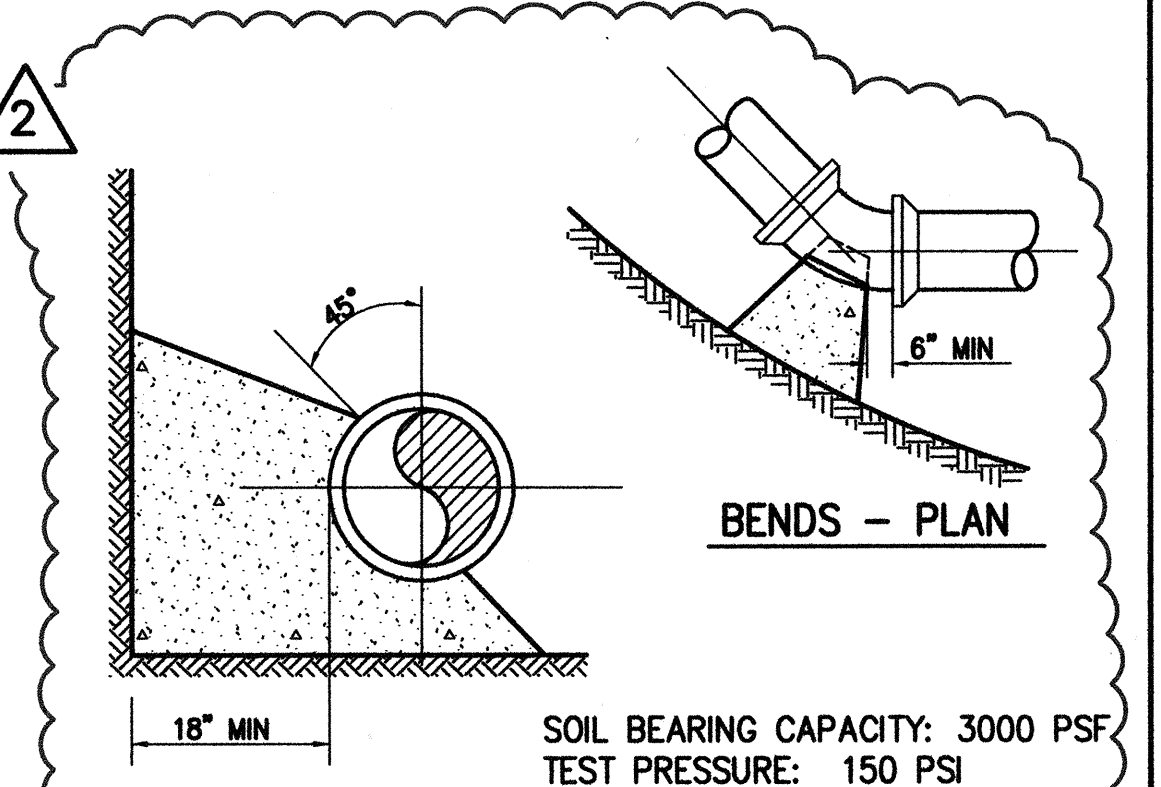
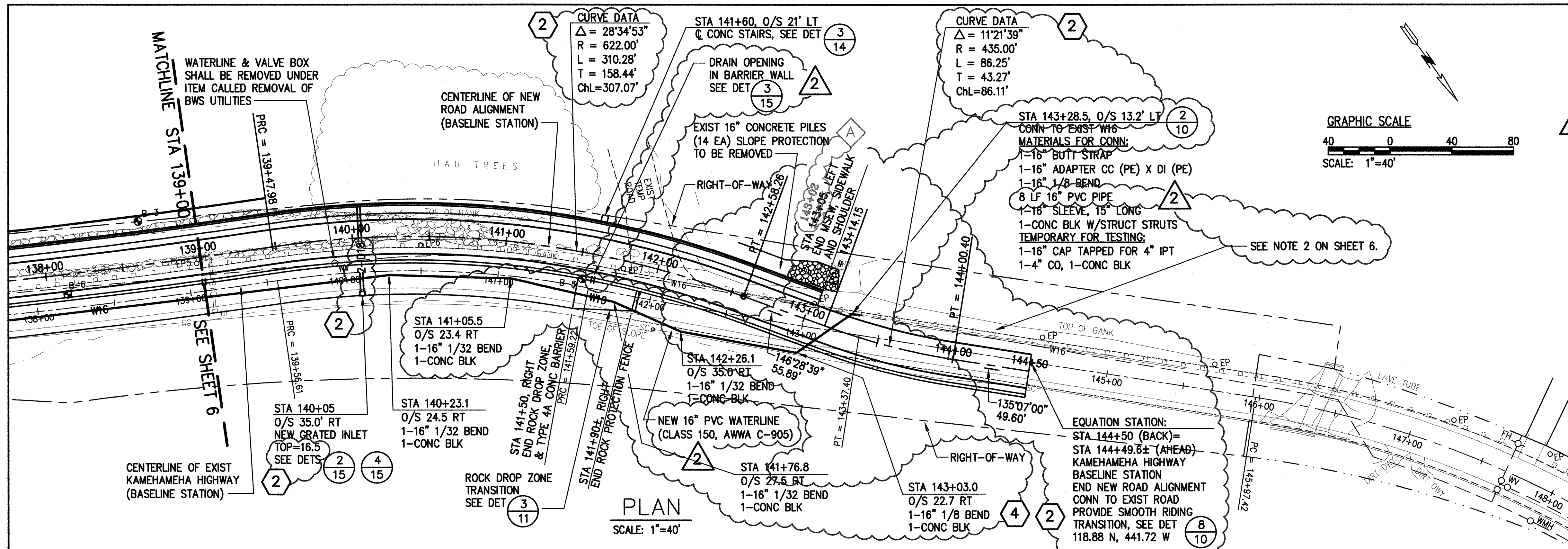
**KAMEHAMEHA HIGHWAY
WAIMEA BAY
EMERGENCY ROCKFALL REMEDIATION**

FEDERAL-AID PROJECT NO. STP-083-1(45)
Scale: As Shown Date: April 2000

SHEET No. 6 OF 39 SHEETS

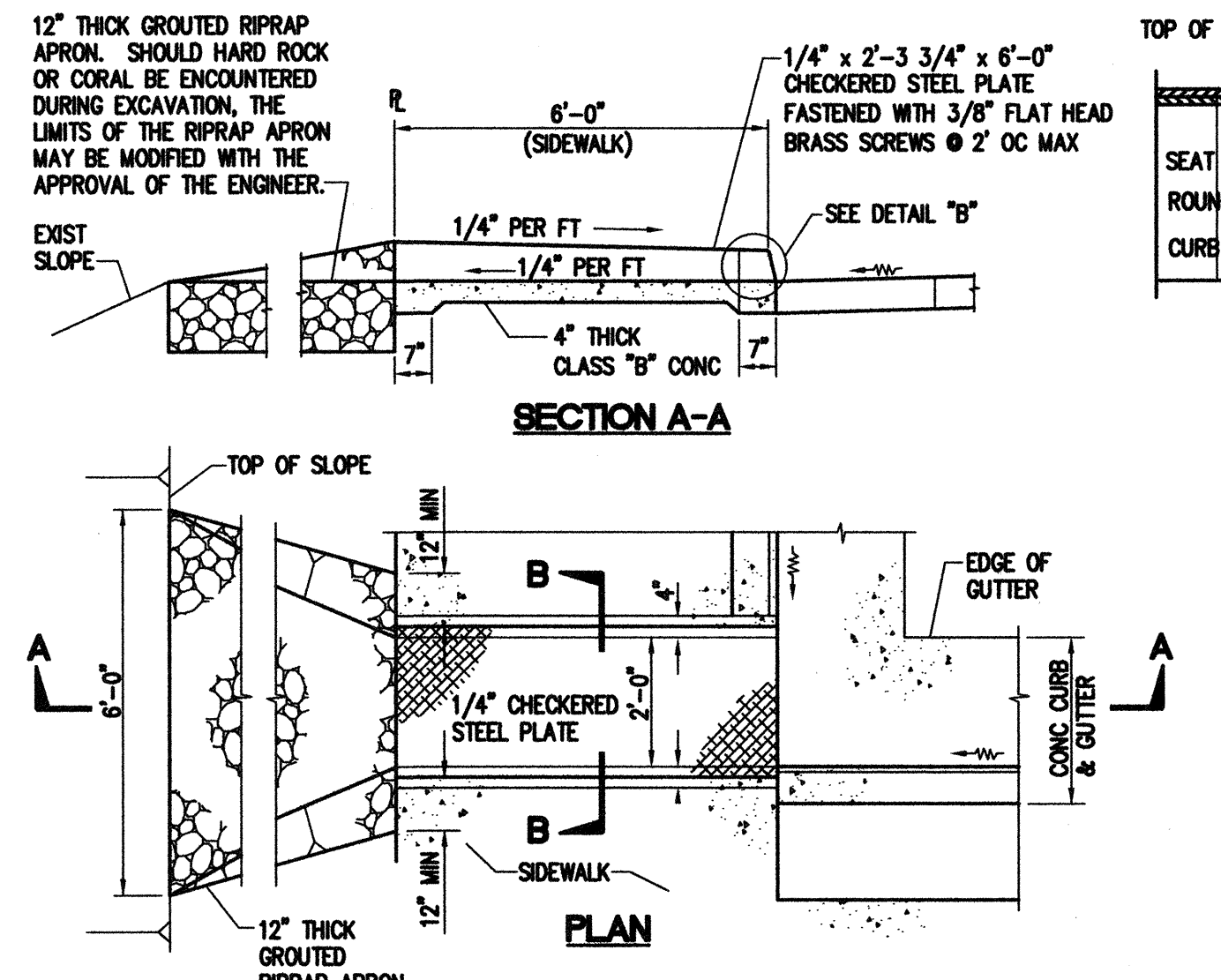
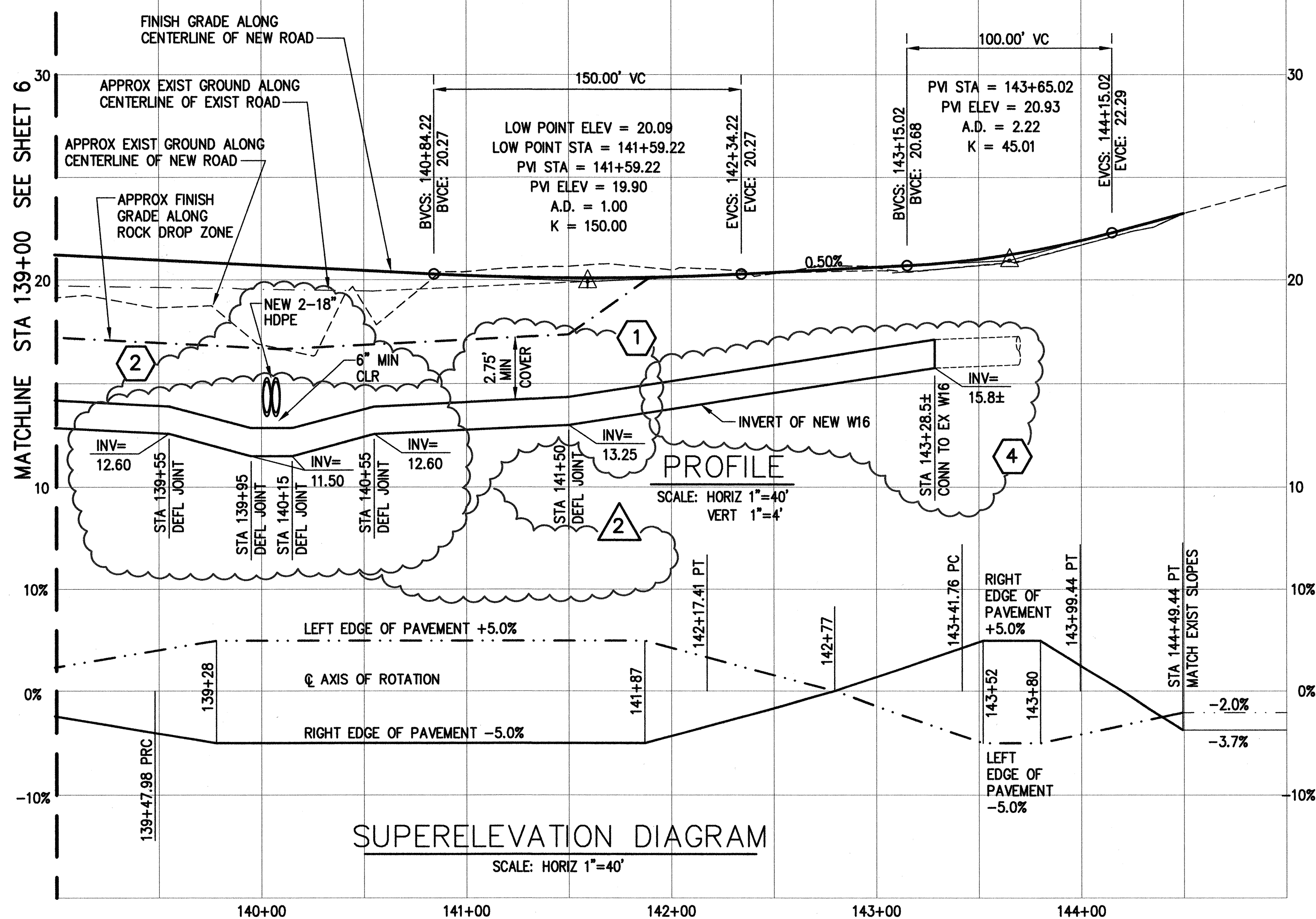
ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	STP-083-1(45)	2000	C.O. ADD. 7	39



FITTING SIZE (INCHES)	HORIZONTAL BENDS REQ'D BEARING AREA IN SF			
	90°	45°	22 1/2°	11 1/4°
16"	24	13	6.5	3.5

CONC THRUST BLOCK
NOT TO SCALE



SIDEWALK CULVERT DETAIL
NOT TO SCALE

LEGEND FOR AS-BUILT POSTINGS		
	Cross-hatch for as-built deletion	
	Double line for as-built deletion	
Text	Text for as-built posting	
DATE	REVISION	
1-31-02	"AS-BUILT"	A
5-2-00	REVISION	4
4-18-00	REVISION	2
4-13-00	REVISION	1
4-7-00	ADDENDUM	2

EARTH TECH
700 Bishop Street, Suite 900
Honolulu, HI 96813
GARY T. YAMAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 2997-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN AND PROFILE
KAMEHAMEHA HIGHWAY
WAIMEA BAY
EMERGENCY ROCKFALL REMEDIATION
FEDERAL-AID PROJECT NO. STP-083-1(45)
Scale: As Shown Date: April 2000
SHEET No. 7 OF 39 SHEETS

SURVEY PLOTTED BY: DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
NOTE BOOK No. _____