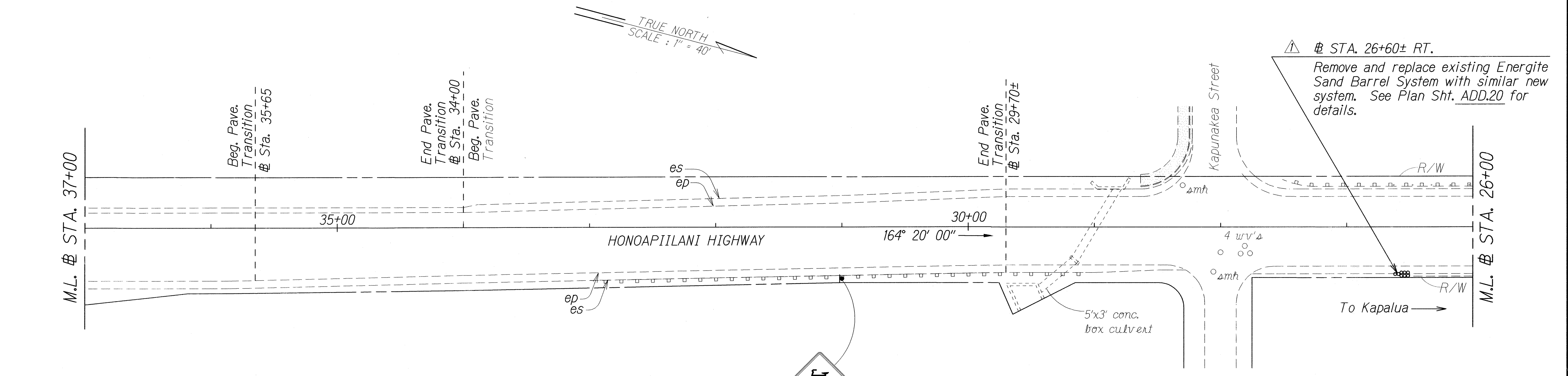
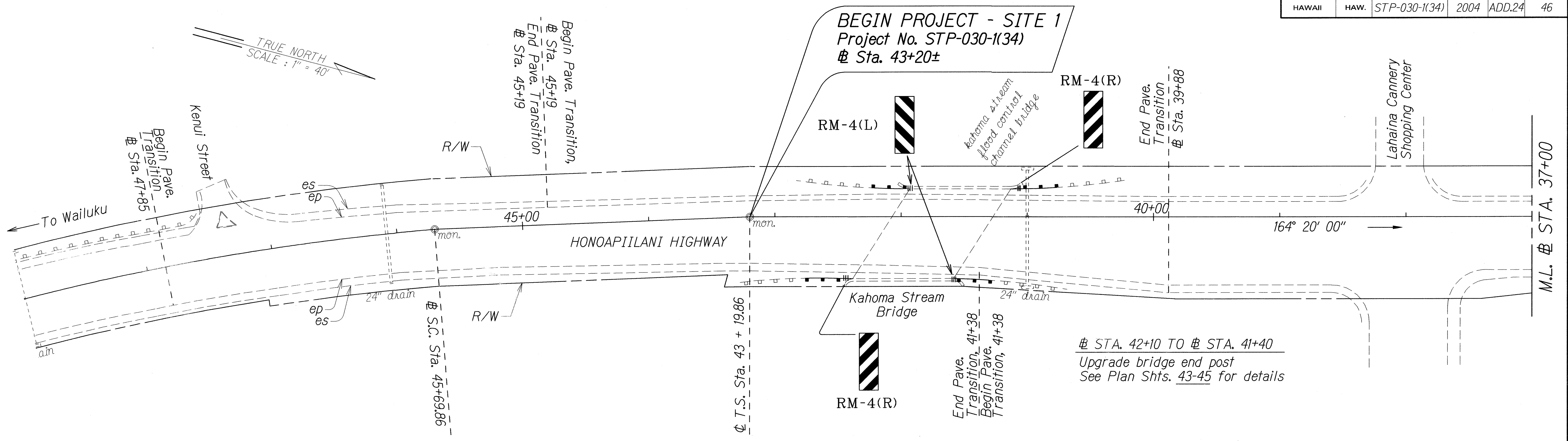


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	ADD.24	46



ORIGINAL PLAN	DATE
NOTED BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE

5-28-04	Edited callout.
DATE	REVISION

Install new sign
W11-1
(30"x30")

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

HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE I

Kahoma Stream Bridge to Honokahua Stream Bridge

Federal-Aid Project No. STP-030-1(34)

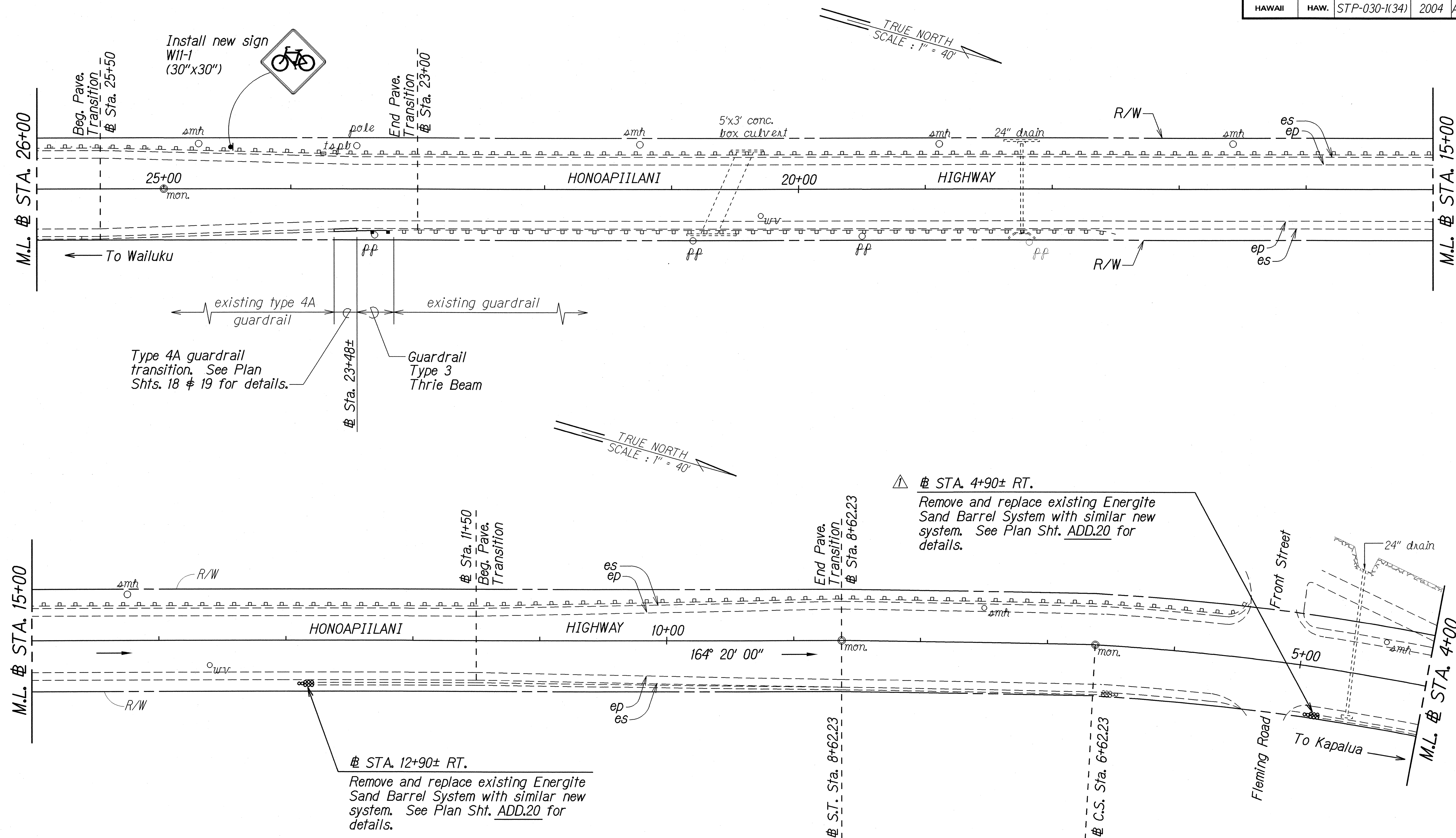
Scale: 1" = 40' Date: August, 2003

SHEET No. 1 OF 16 SHEETS

"AS-BUILT"

ADD.24

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	ADD.25	46



ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK <i>melvay melp2dan</i>	DRAWN BY <i>jd</i> _____
	TRACED BY _____
	DESIGNED BY <i>lm</i> _____
	QUANTITIES BY _____
	CHECKED BY _____

	
5-28-04	<i>Edited callout.</i>
<i>DATE</i>	<i>REVISION</i>

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

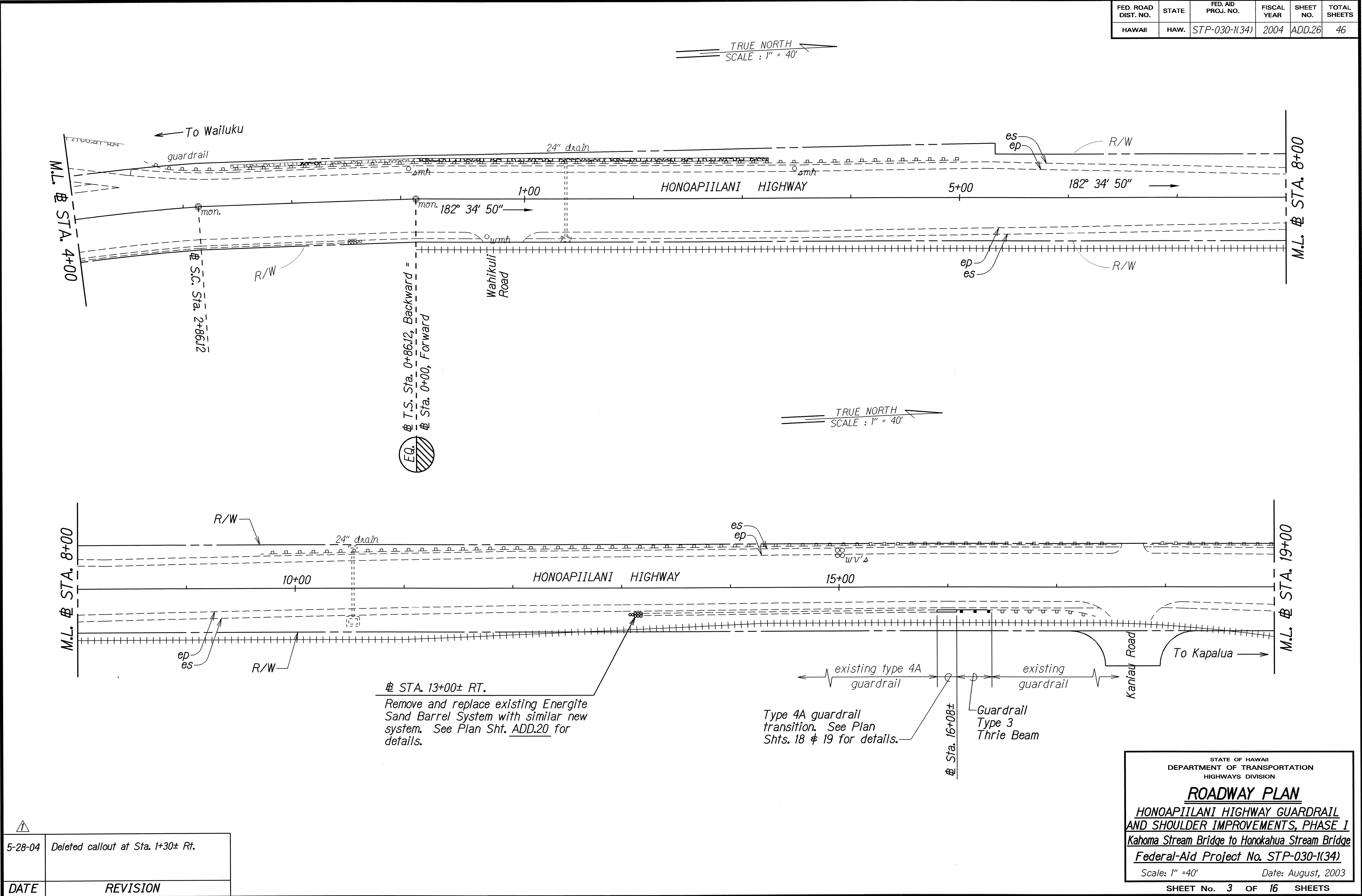
ROADWAY PLAN

**HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I**
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)

Scale: 1" = 40' Date: August, 2003

SHEET No. 2 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	ADD.26	46



DESIGNED BY	DATE
DRAWN BY	Aug. 03
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

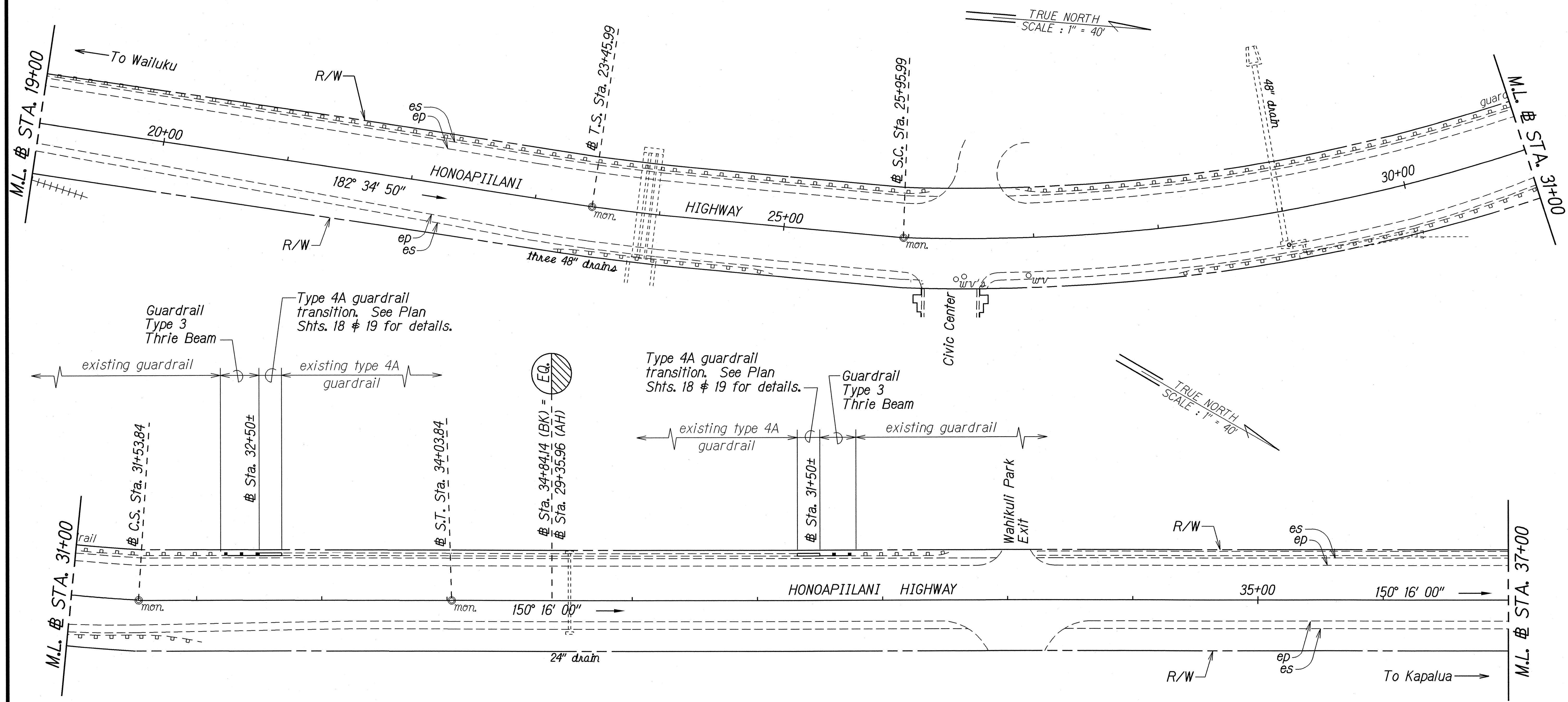
5-28-04	Deleted callout at Sta. 1+30± Rt.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
**HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I**
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

SHEET No. 3 OF 16 SHEETS
ADD.26

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	27	46



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	aug. 03
FIELD NOTES	TRACED BY	
QUANTITIES BY	DESIGNED BY	
CHECKED BY	STATIONED BY	

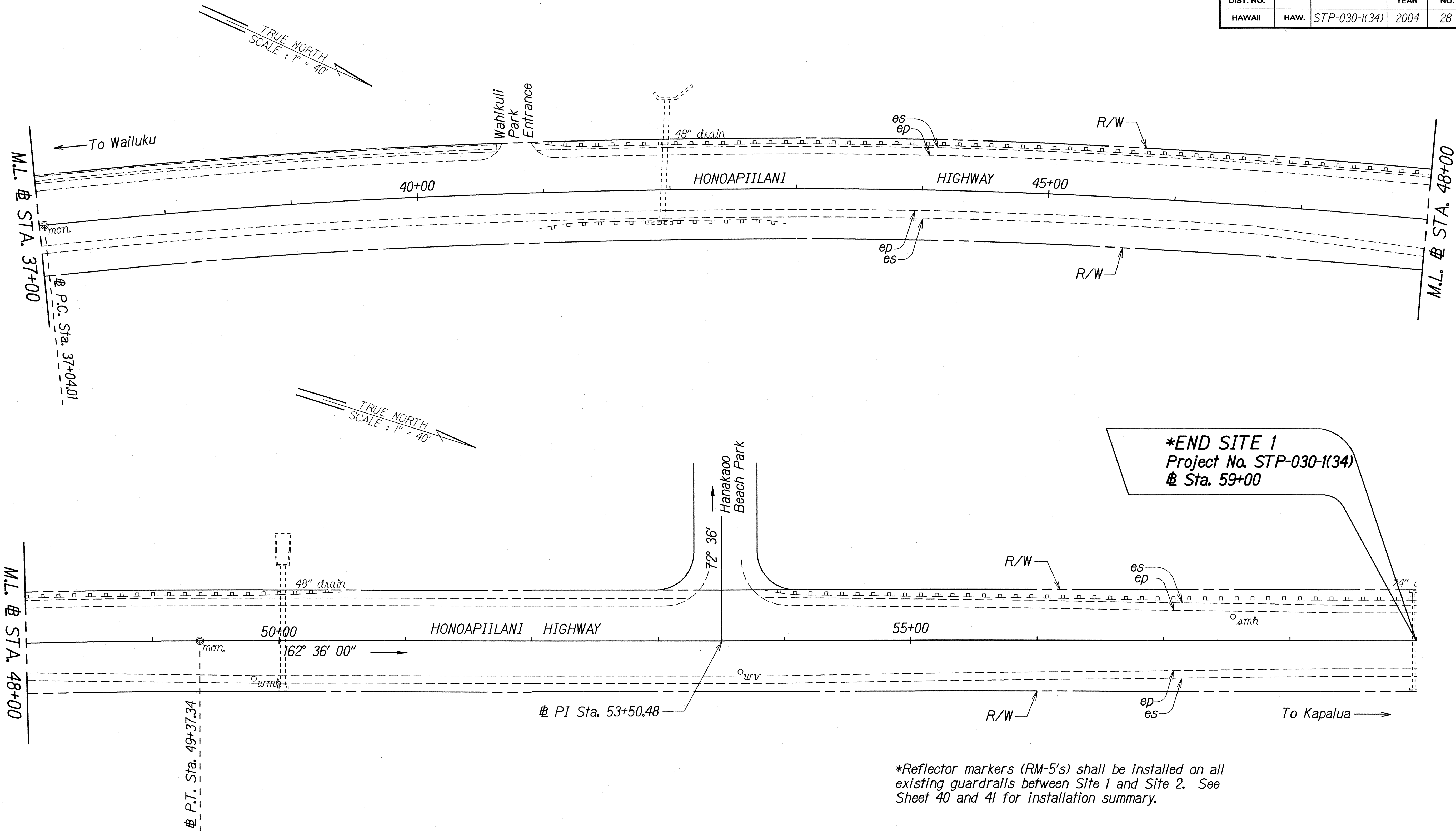
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
**HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I**
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)

Scale: 1" = 40' Date: August, 2003

SHEET No. 4 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	28	46



*Reflector markers (RM-5's) shall be installed on all existing guardrails between Site 1 and Site 2. See Sheet 40 and 41 for installation summary.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	AUG. 03
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

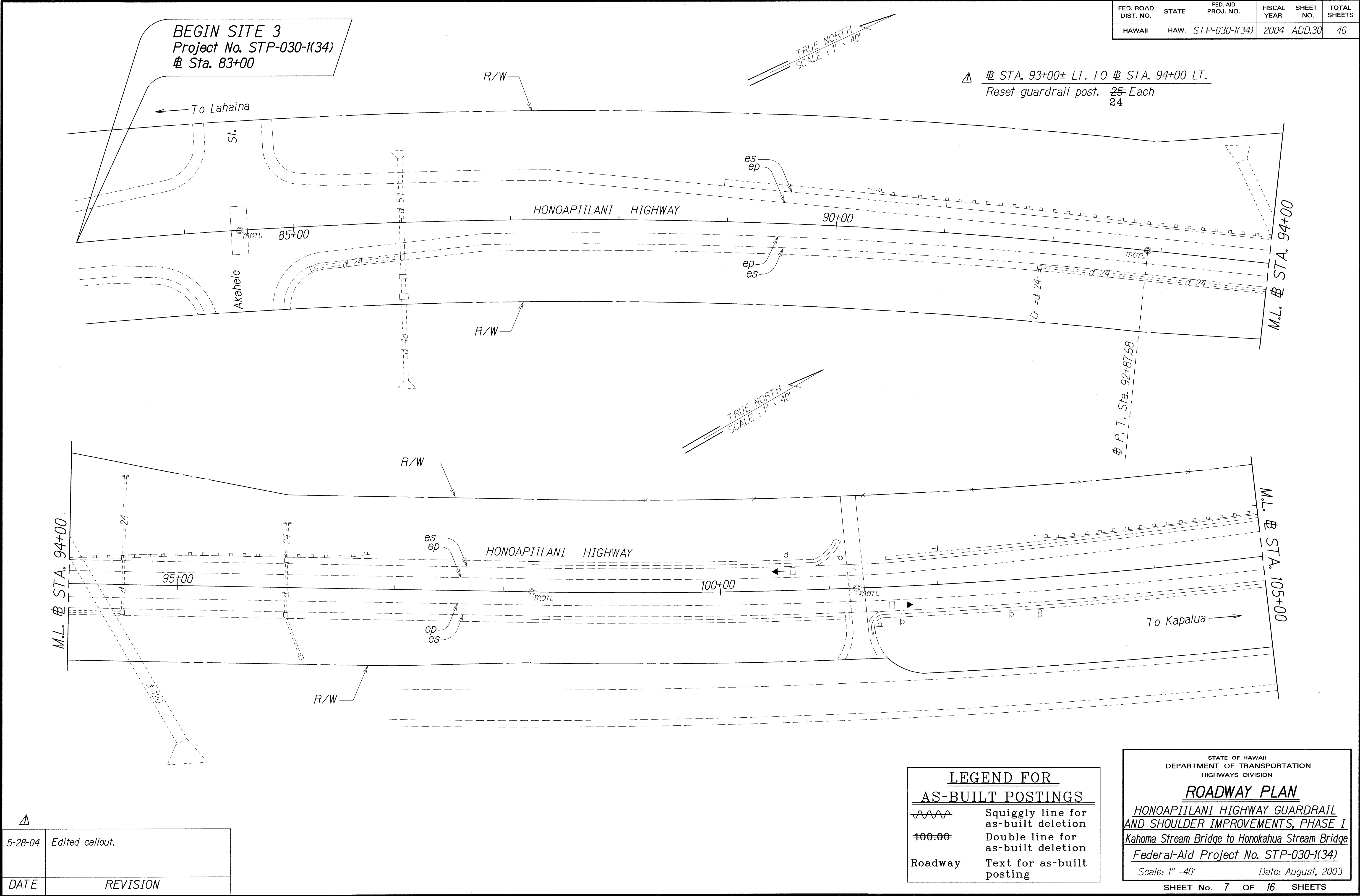
ROADWAY PLAN

HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)

Scale: 1" = 40' Date: August, 2003

SHEET No. 5 OF 16 SHEETS

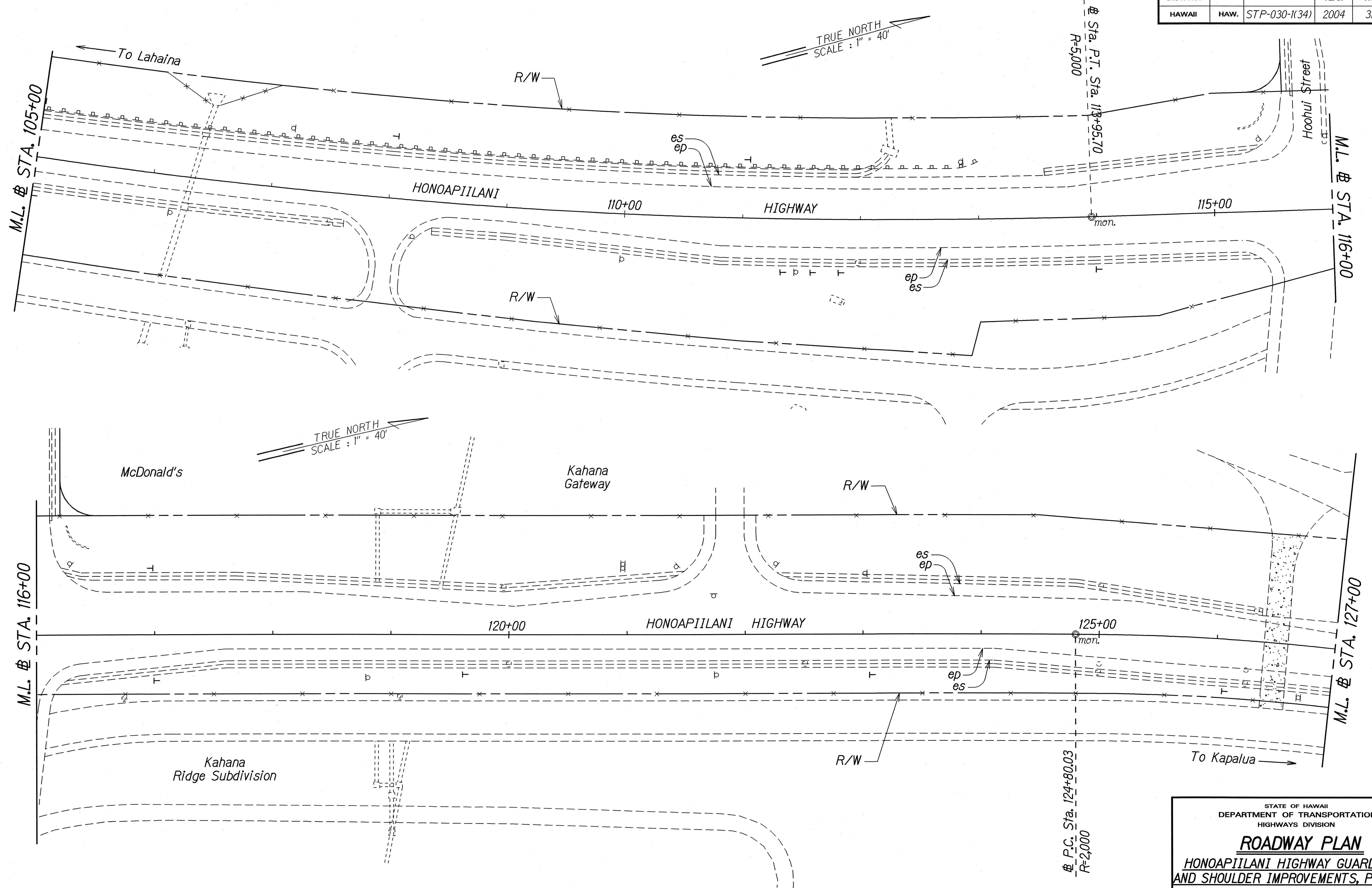
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	ADD.30	46



"AS-BUILT"

ADD.30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	31	46



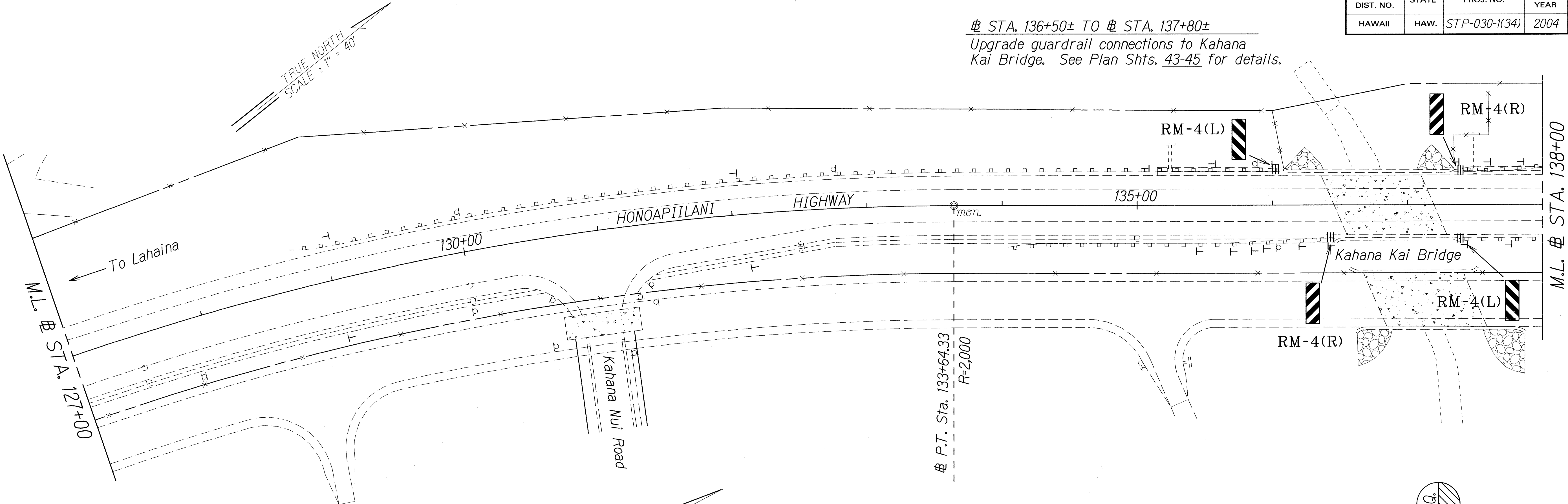
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
**HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I**
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

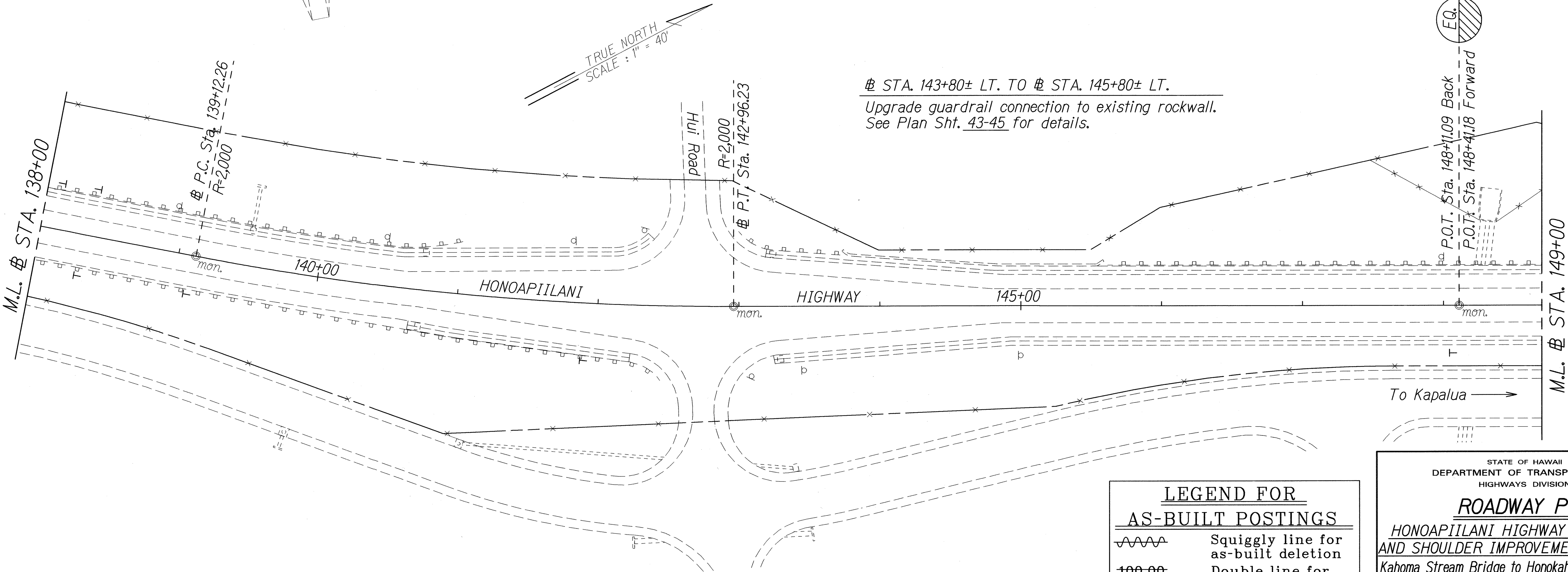
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	AUG. 03
me/ey	TRACED BY	
Strompelo	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	32	46

± STA. 136+50± TO ± STA. 137+80±
 Upgrade guardrail connections to Kahana Kai Bridge. See Plan Shts. 43-45 for details.



± STA. 143+80± LT. TO ± STA. 145+80± LT.
 Upgrade guardrail connection to existing rockwall. See Plan Sht. 43-45 for details.



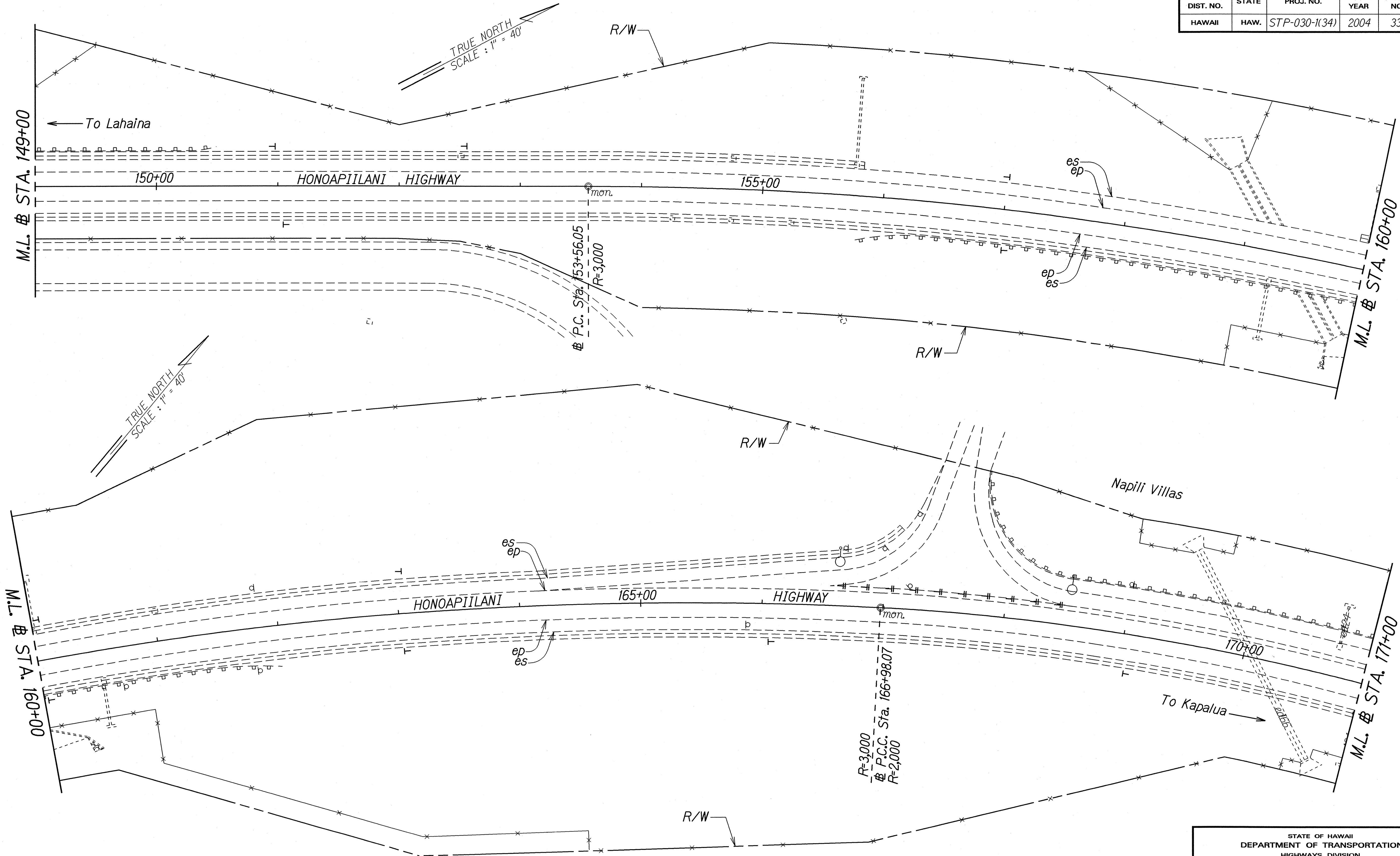
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	AUG. 03
DESIGNED BY	CHECKED BY	
STATIONING		

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
 HONOAPIʻILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE I
 Kahoma Stream Bridge to Honokahua Stream Bridge
 Federal-Aid Project No. STP-030-1(34)
 Scale: 1" = 40' Date: August, 2003
 SHEET No. 9 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	33	46



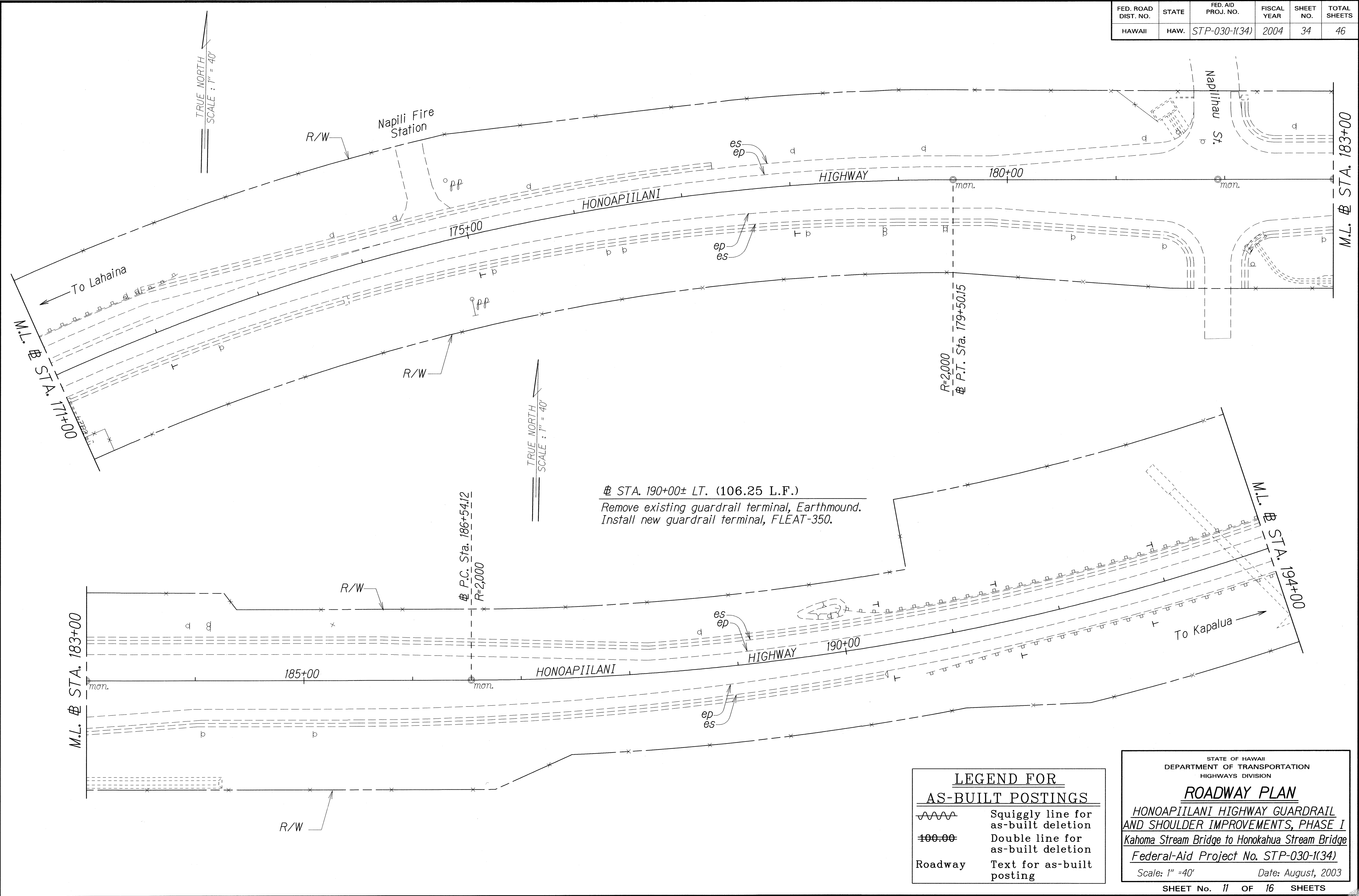
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	AUG. 03
QUANTITIES BY	CHECKED BY	
STATIONING		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

SHEET No. 10 OF 16 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	34	46



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	2003.03
	TRACED BY	
	DESIGNED BY	
NOTE BOOK	NOTED BY	
	CHECKED BY	

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

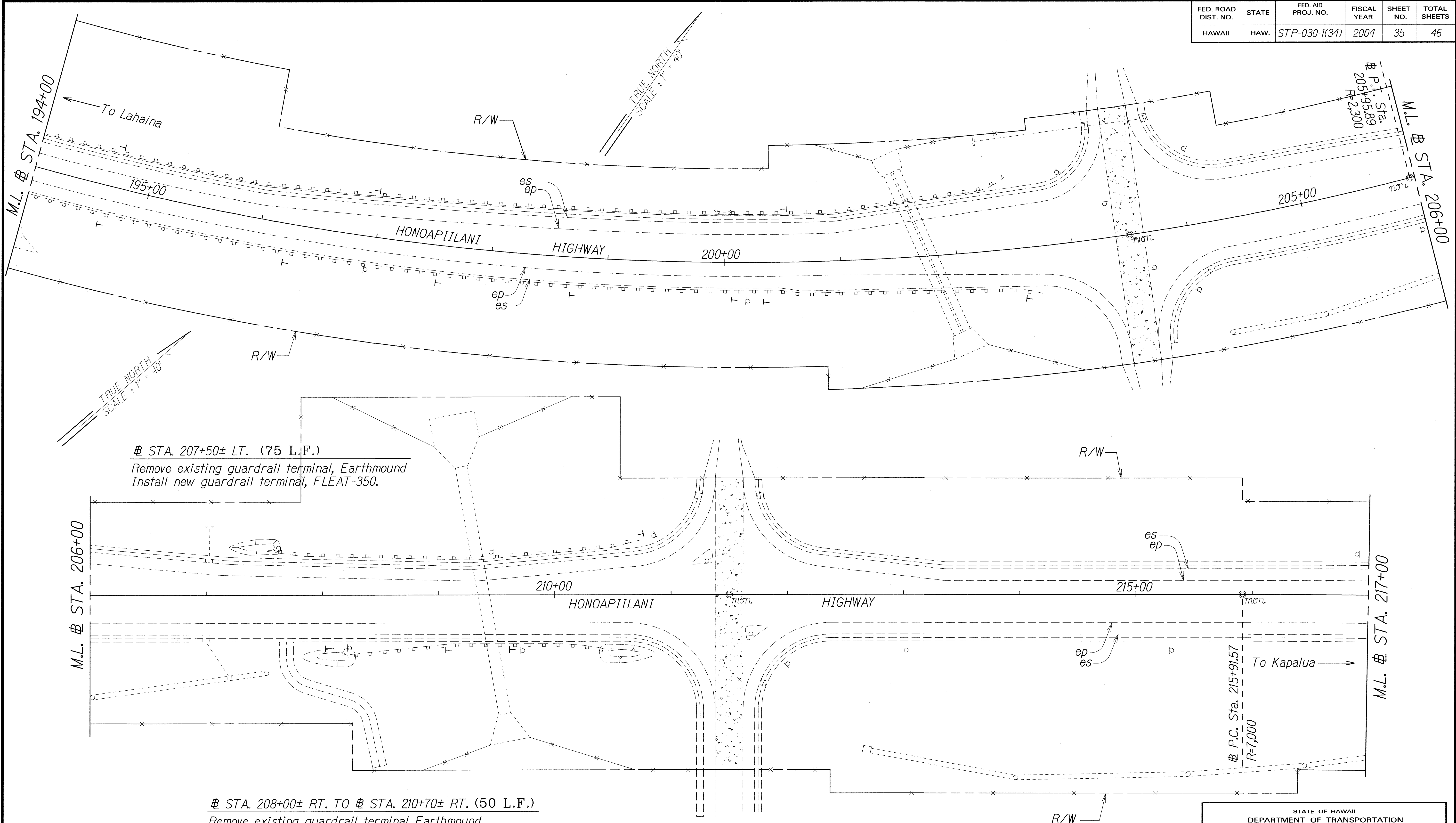
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

SHEET No. 11 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	35	46



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Aug. 03
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

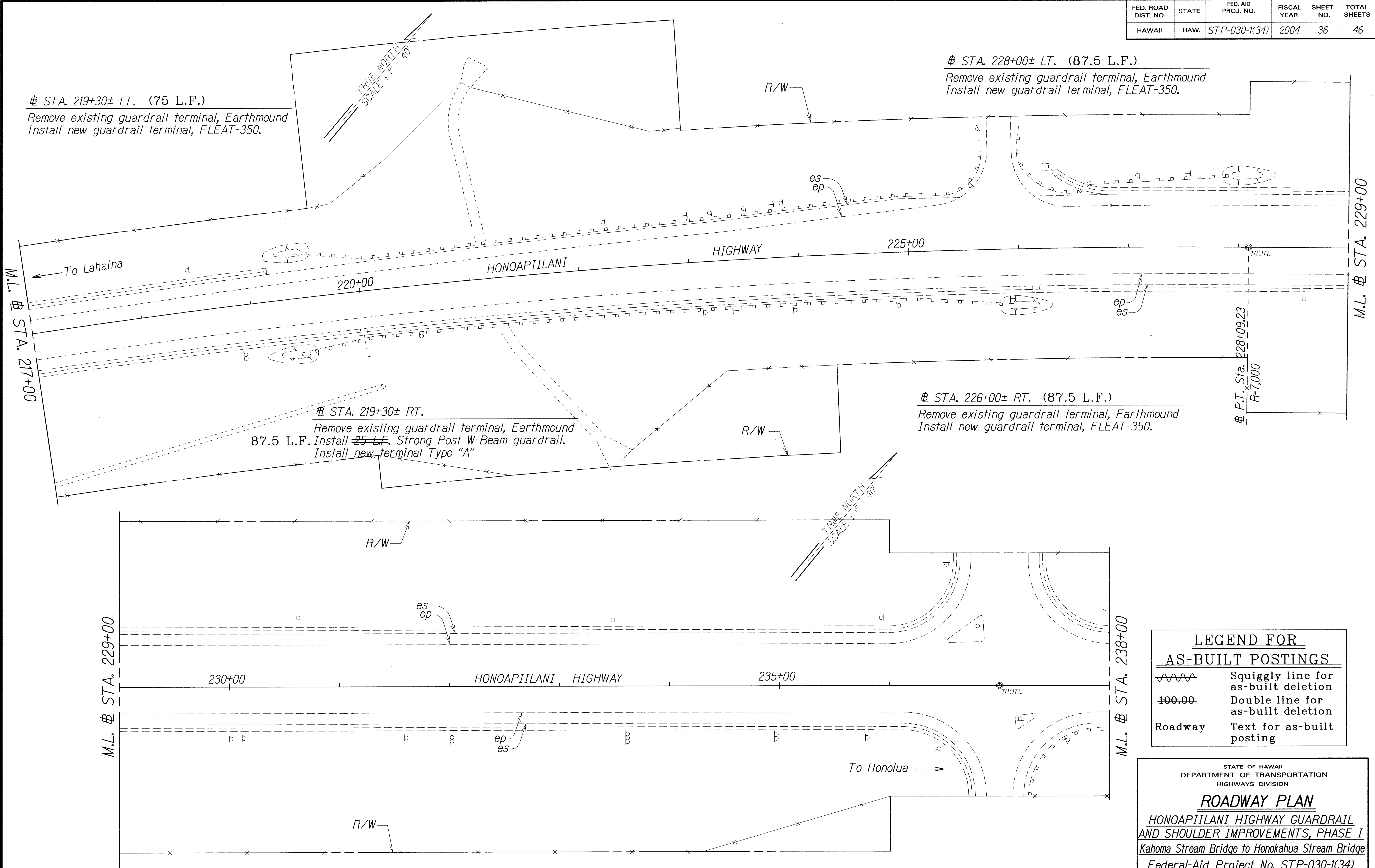
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokakua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	36	46



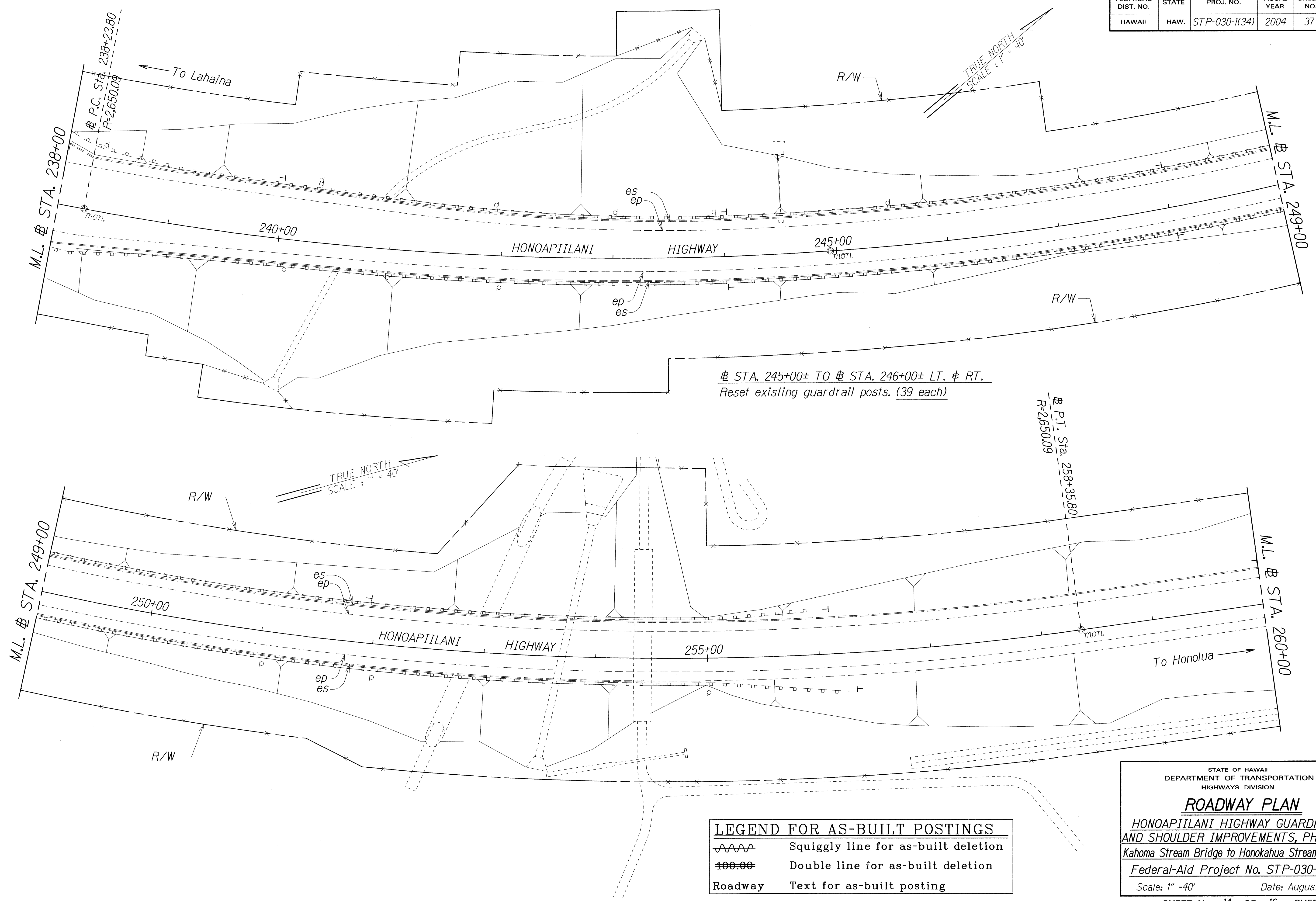
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	aug. 03
me/ey	TRACED BY	
me/ey	DESIGNED BY	
me/ey	CHECKED BY	

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	
HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE 1	
Kahoma Stream Bridge to Honokahua Stream Bridge	
Federal-Aid Project No. STP-030-1(34)	
Scale: 1" = 40'	Date: August, 2003

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	37	46



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	2003.03
DESIGNED BY	TRACED BY	
CHECKED BY		

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

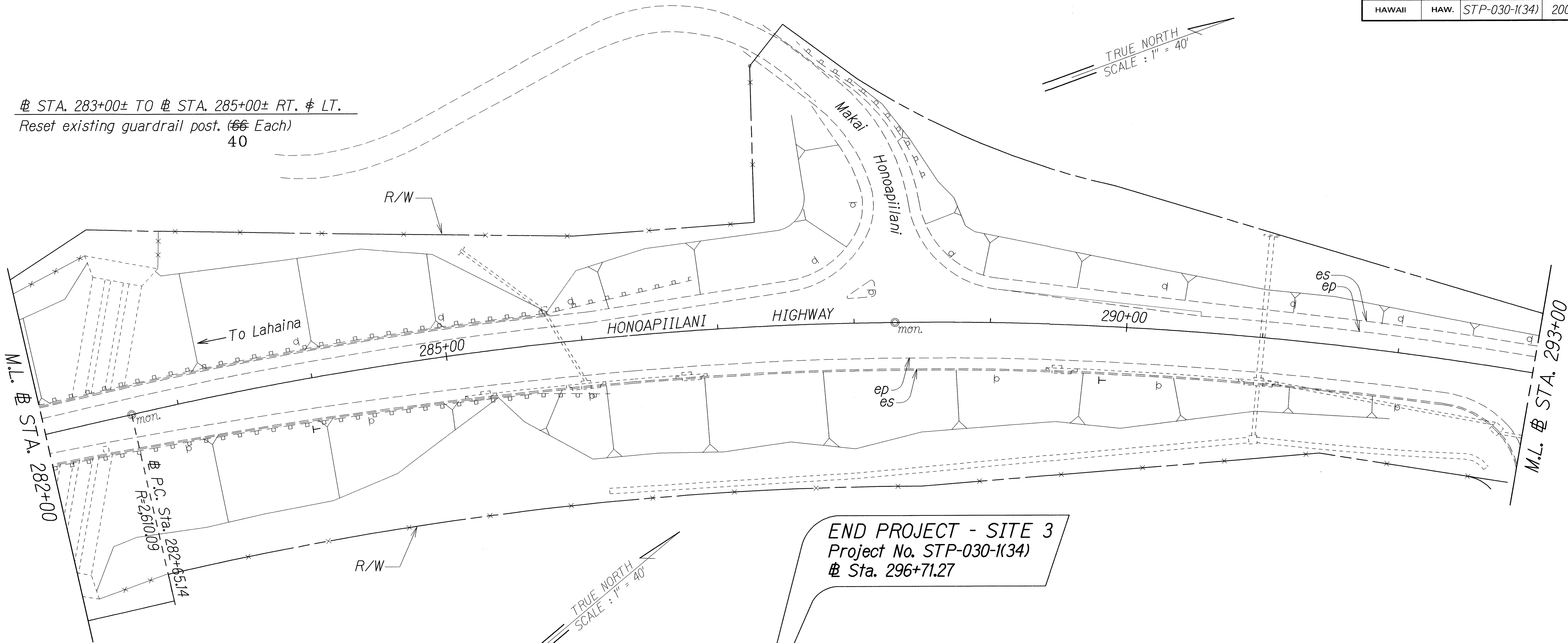
ROADWAY PLAN
HONOAPIILANI HIGHWAY GUARDRAIL
AND SHOULDER IMPROVEMENTS, PHASE I
Kahoma Stream Bridge to Honokahua Stream Bridge
Federal-Aid Project No. STP-030-1(34)
Scale: 1" = 40' Date: August, 2003

SHEET No. 14 OF 16 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(34)	2004	39	46

STA. 283+00± TO # STA. 285+00± RT. & LT.
 Reset existing guardrail post. (66 Each)
 40



END PROJECT - SITE 3
 Project No. STP-030-1(34)
 # Sta. 296+71.27

Length (Varies)

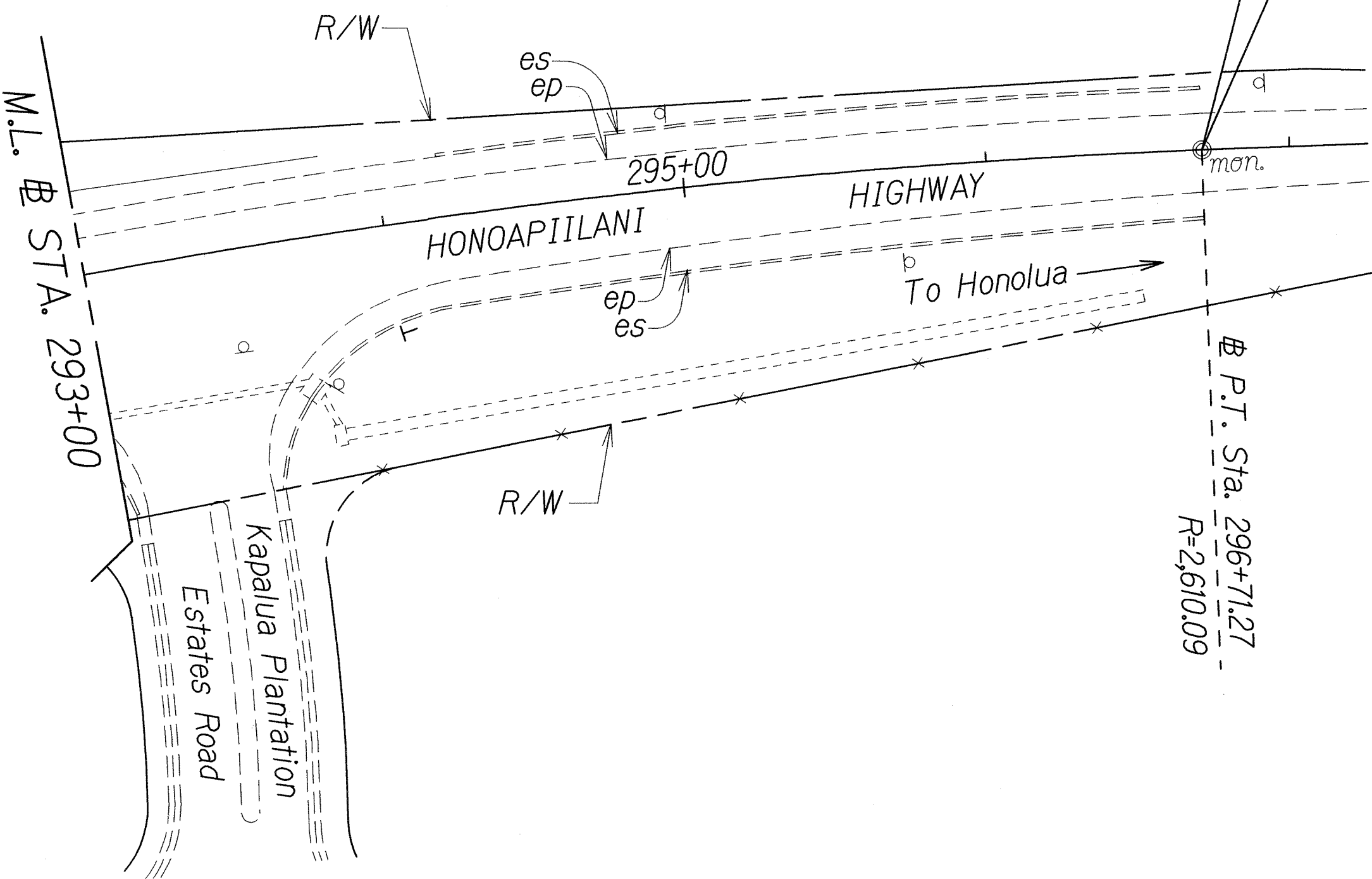
FLEAT-350
 (new)
 37'-6"

Remove Existing Guardrail
 (Extra Work, CCO 1)

Remove Existing
 Earthmound and
 End Terminal
 (Contract Work)

Typical Section of Additional Guardrail Removal
 To Properly Install New End Treatments with Proper Flares.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	aug. 03
me/ey	TRACED BY	
me/ey	QUANTITIES BY	
me/ey	CHECKED BY	



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	
HONOAPIILANI HIGHWAY GUARDRAIL AND SHOULDER IMPROVEMENTS, PHASE I	
Kahoma Stream Bridge to Honokahua Stream Bridge	
Federal-Aid Project No. STP-030-1(34)	
Scale: 1" = 40'	Date: August, 2003
SHEET No. 16 OF 16 SHEETS	

"AS-BUILT"