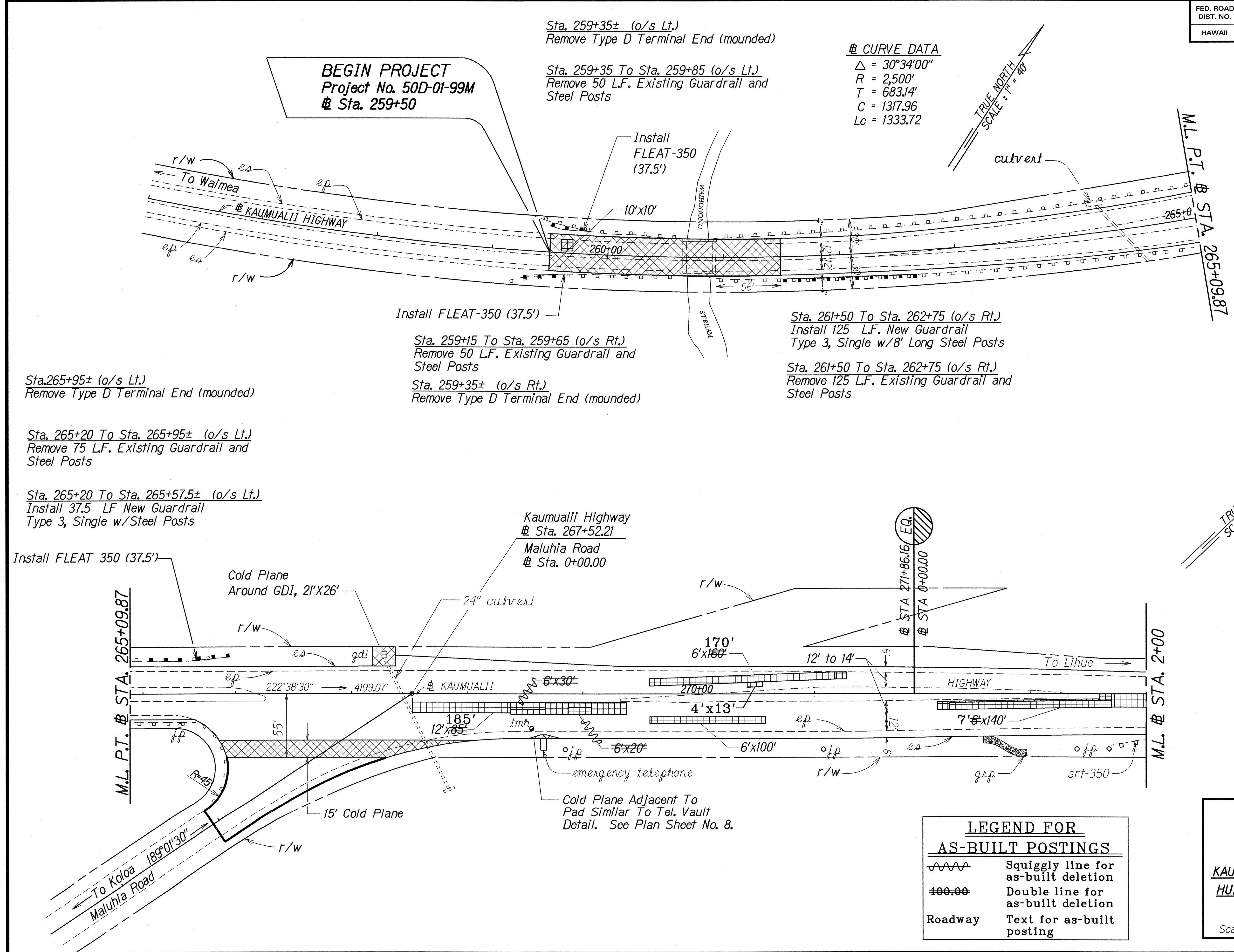


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-99M	1999	12	29



SURVEY PLOTTED BY	DATE
DRAWN BY	1998 Dec 23
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NUMERICAL	

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

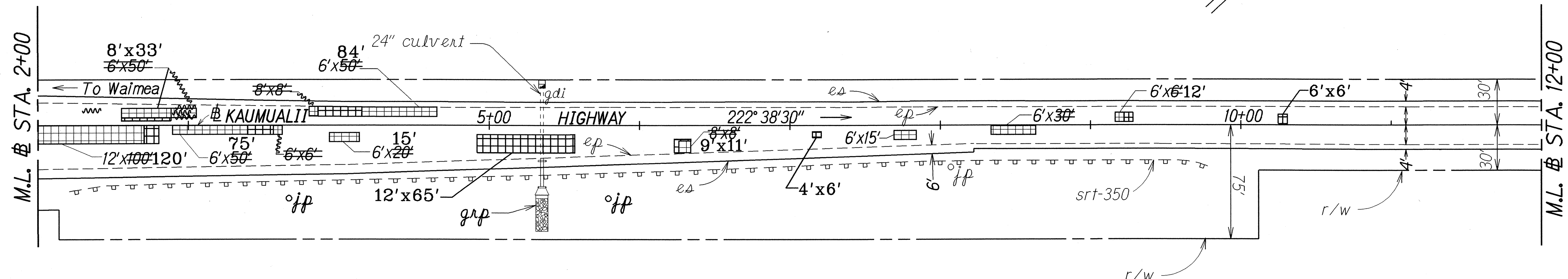
KAUMUALII HIGHWAY RESURFACING
HULEIA BRIDGE TO MALUHIA ROAD
PROJECT NO. 50D-01-99M

Scale: 1" = 40' Date: May, 1999

SHEET No. 1 OF 4 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-99M	1999	13	29



Sta. 20+77.5± (o/s Lt.)

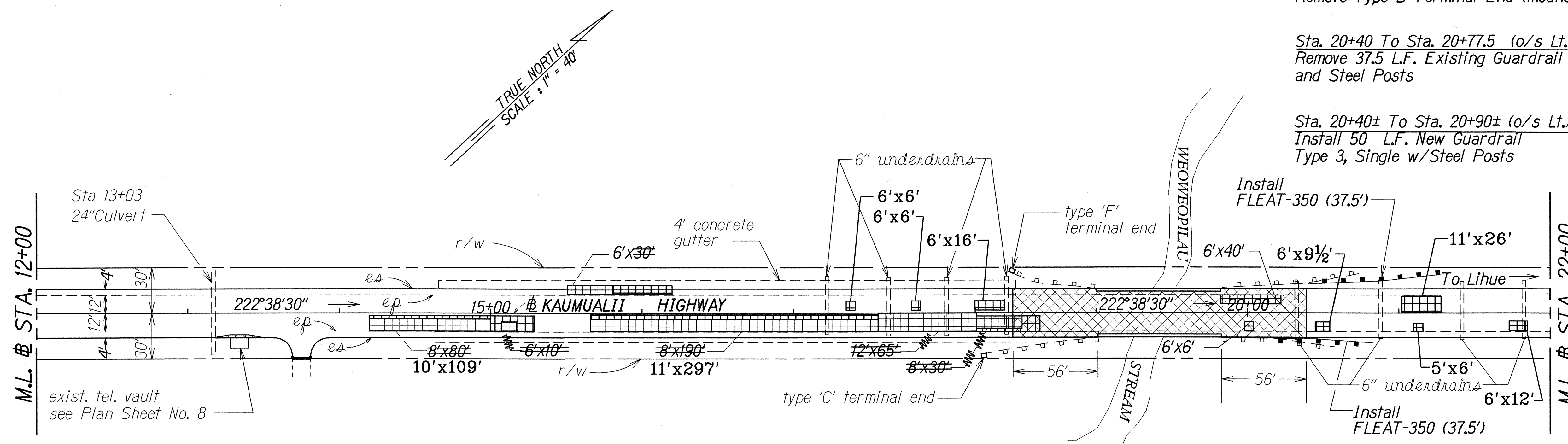
Std. 20-11.5- (07/5 Lf.)
Remove Type D Terminal End (mounded)

Sta. 20+40 To Sta. 20+77.5 (o/s Lt.)

*Remove 37.5 L.F. Existing Guardrail
and Steel Posts*

Sta. 20+40± To Sta. 20+90± (o/s Lt.)

Install 50 L.F. New Guardrail
Type 3, Single w/Steel Posts



Sta. 20+20± To Sta. 20+45± (o/s Rt.)

Install 25 L.F. Metal Guardrail
Type 3, Single w/Steel Posts

Sta. 20+20± To Sta. 20+57.5± (o/s Rt.)

Remove 37.5 L.F. Existing BCT

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

KAUMUALII HIGHWAY RESURFACING
HULEIA BRIDGE TO MALUHIA ROAD
PROJECT NO. 50D-01-99M

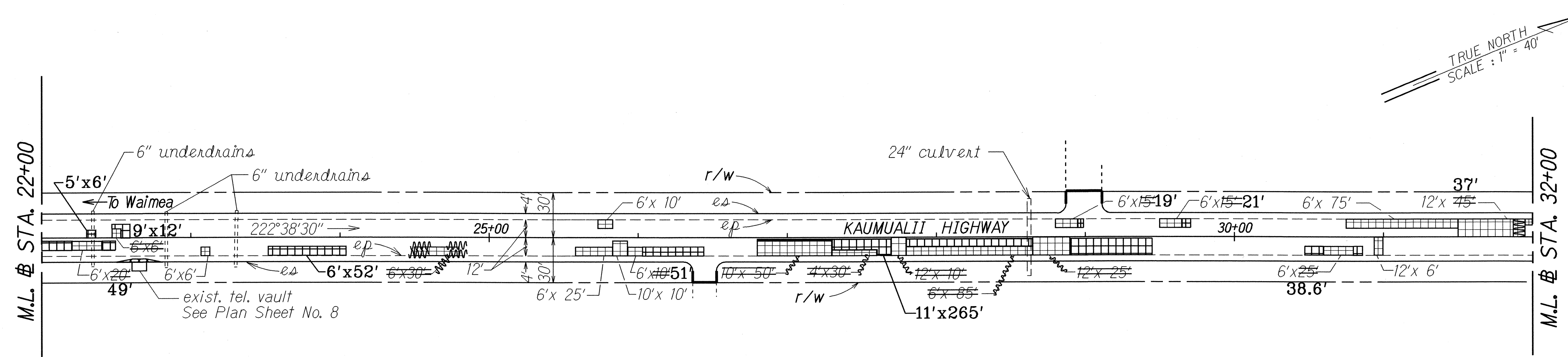
Scale: 1" = 40' Date: May, 1999

SHEET No. 2 OF 4 SHEETS

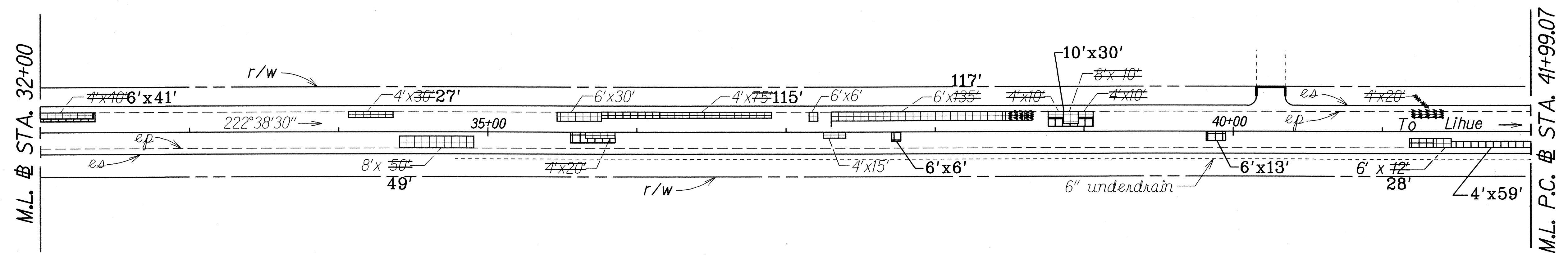
"AS-BUILT"

13

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-99M	1999	14	29



TRUE NORTH
SCALE: 1" = 40'



TRUE NORTH
SCALE: 1" = 40'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/15/98
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	

USR2/HEDDA/HWY/
dkm/03/03.dgn

**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

**KAUMUALII HIGHWAY RESURFACING
HULEIA BRIDGE TO MALUHIA ROAD
PROJECT NO. 50D-01-99M**

Scale: 1"=40' Date: May, 1999

SHEET No. 3 OF 4 SHEETS

"AS-BUILT"

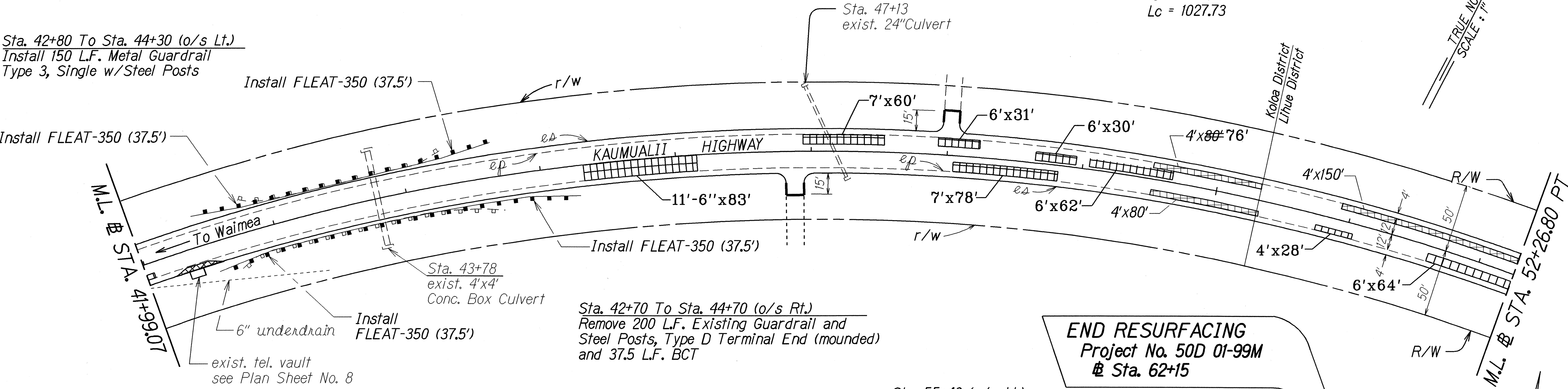
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-99M	1999	15	29

Sta.42+80± (o/s Lt.)
Remove Type D Terminal End (mounded)

Sta. 42+80 To Sta. 44+30 (o/s Lt.)
Remove 150 L.F. Existing Guardrail and Steel Posts

Sta. 42+80 To Sta. 44+30 (o/s Lt.)
Install 150 L.F. Metal Guardrail
Type 3, Single w/Steel Posts

CURVE DATA
Δ = 39°15'23"
R = 1500.000
T = 534.96
C = 1007.75
Lc = 1027.73



END RESURFACING
Project No. 50D 01-99M
Sta. 62+15

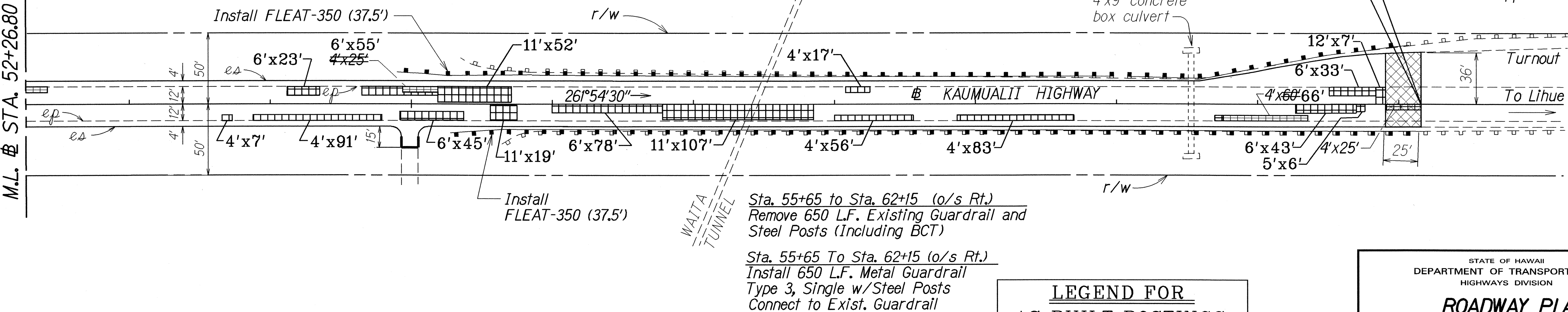
Sta. 42+70 To Sta. 44+70 (o/s Rt.)
Remove 200 L.F. Existing Guardrail and Steel Posts, Type D Terminal End (mounded) and 37.5 L.F. BCT

Sta. 42+90 To Sta. 44+90 (o/s Rt.)
Install 200 L.F. Metal Guardrail
Type 3, Single w/Steel Posts
Connect

Sta. 55+40 (o/s Lt.)
Remove Type D Terminal End (mounded)

Sta. 55+40 To Sta. 62+15 (o/s Lt.)
Remove 675 L.F. Existing Guardrail and Steel Posts

Sta. 55+27.5 To Sta. 62+15 (o/s Lt.)
Install 687.5 L.F. Metal Guardrail
Type 3, Single w/Steel Posts
Connect to Exist. Guardrail



Sta. 55+65 to Sta. 62+15 (o/s Rt.)
Remove 650 L.F. Existing Guardrail and Steel Posts (Including BCT)

Sta. 55+65 To Sta. 62+15 (o/s Rt.)
Install 650 L.F. Metal Guardrail
Type 3, Single w/Steel Posts
Connect to Exist. Guardrail

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

KAUMUALII HIGHWAY RESURFACING
HULEIA BRIDGE TO MALUHIA ROAD
FEDERAL AID PROJECT NO.

Scale: 1"=40' Date: May, 1999

SHEET No. 4 OF 4 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
USP2/4/99	DRWN BY	10/15/98
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

"AS-BUILT"