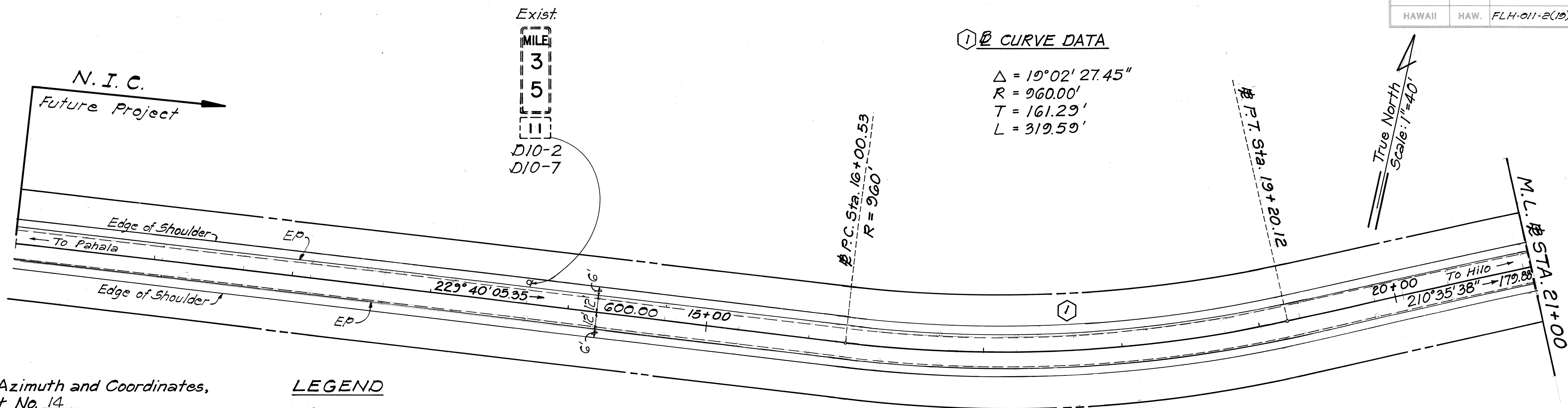


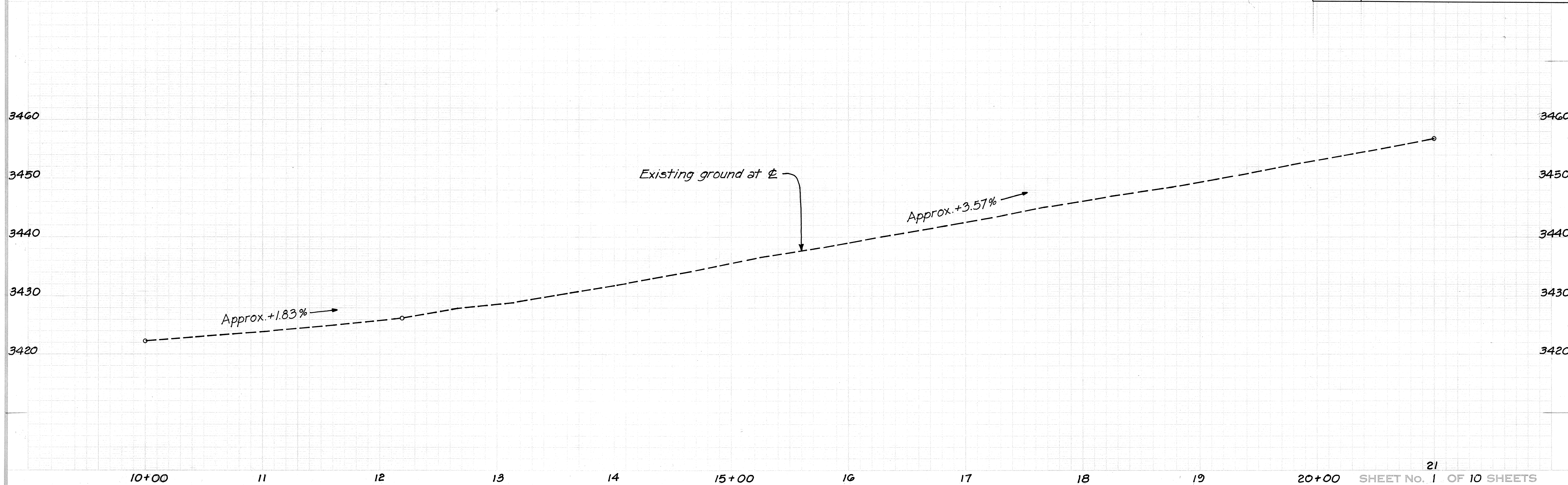
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(10)	1989	5	29



NOTE:
 Assumed Azimuth and Coordinates,
 See Sheet No. 14.
 See next sheet for Beginning of Project.

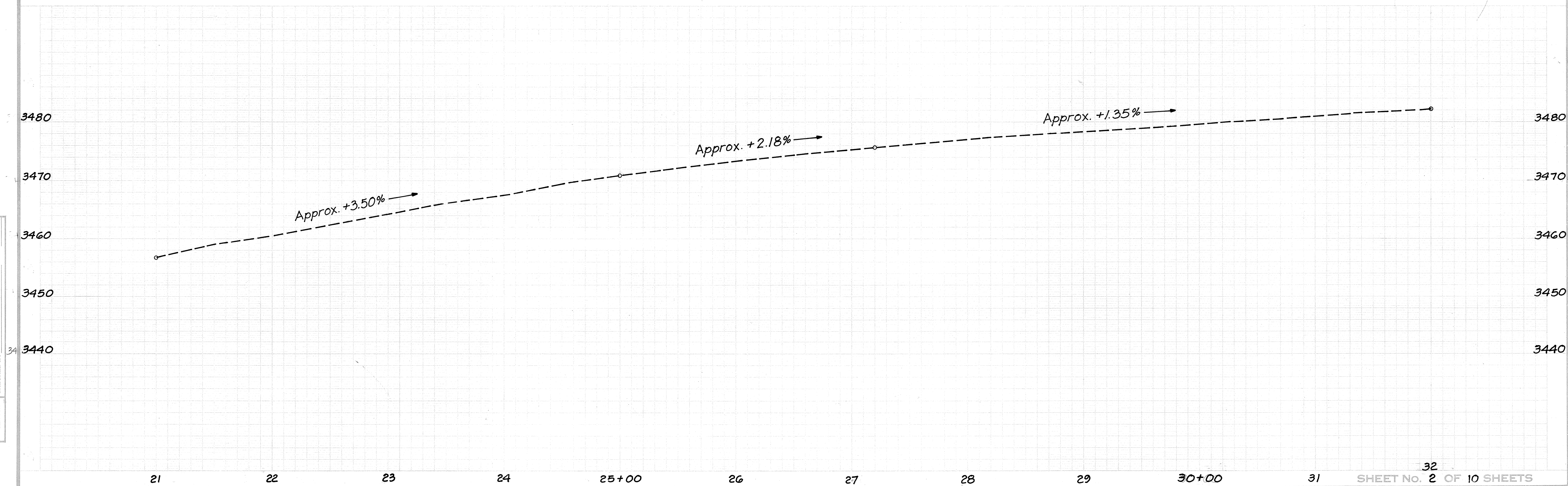
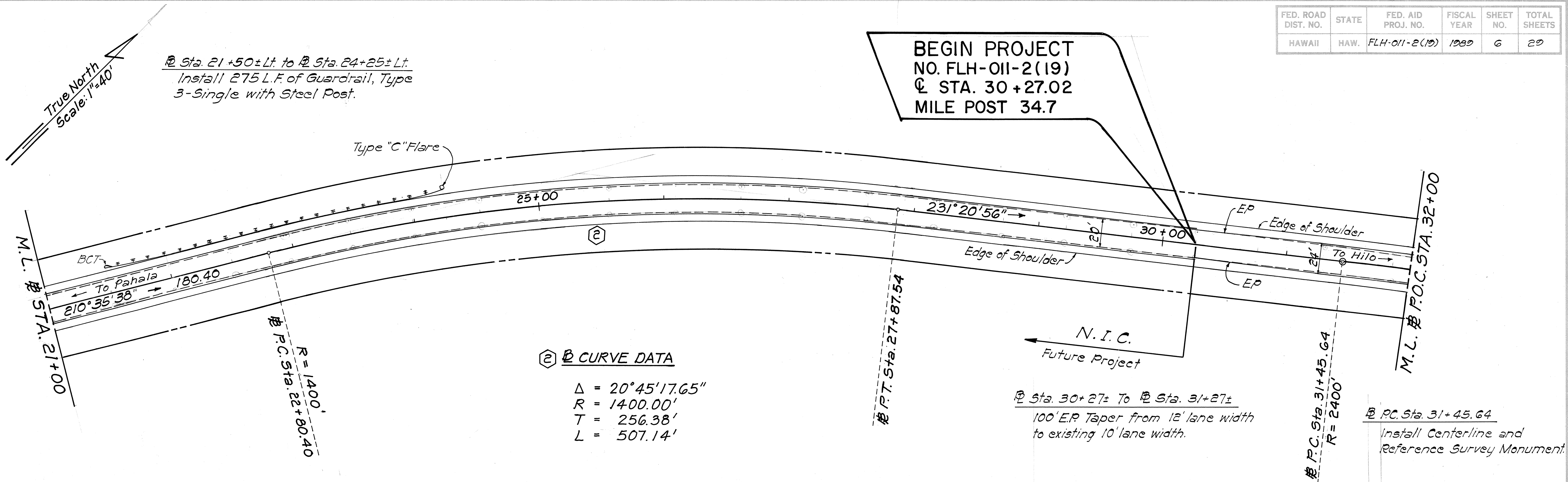
- LEGEND**
- - Existing Curve
 - ◇ - New Curve
 - ▨ - Reconstruction
 - ▧ - Realignment

10-19-89	Revised Azimuth from Sta. 10+00 to P.C. Sta. 16+00.53 and Curve Data ①
DATE	REVISION



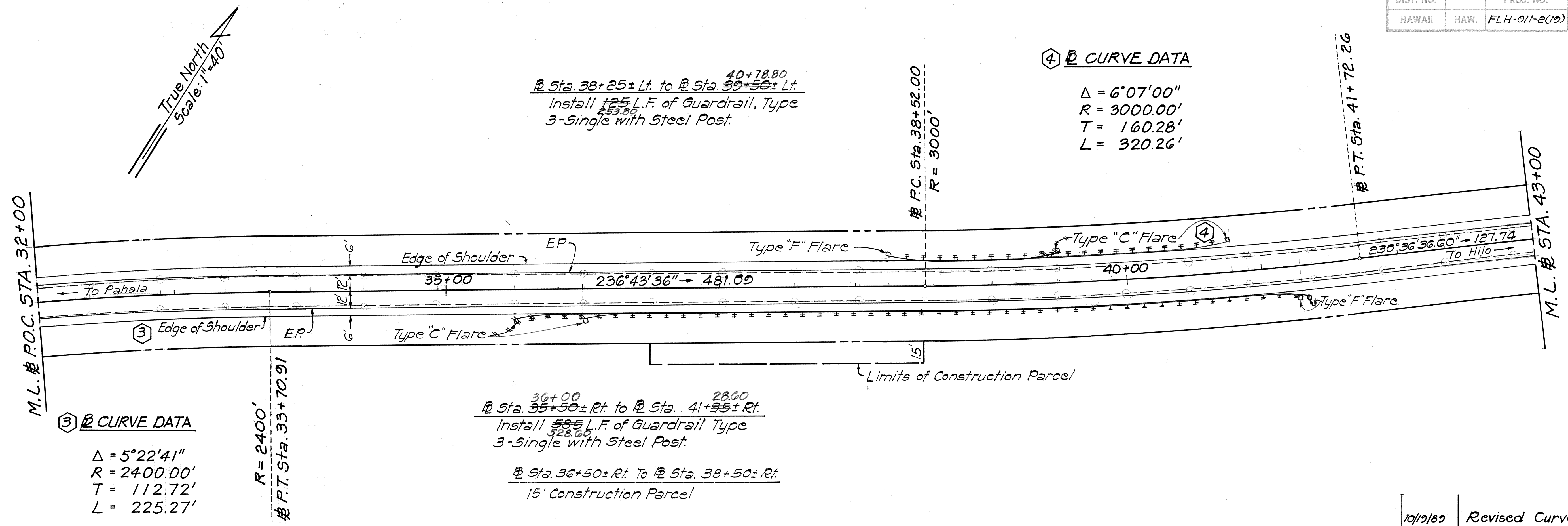
ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(19)	1989	6	29



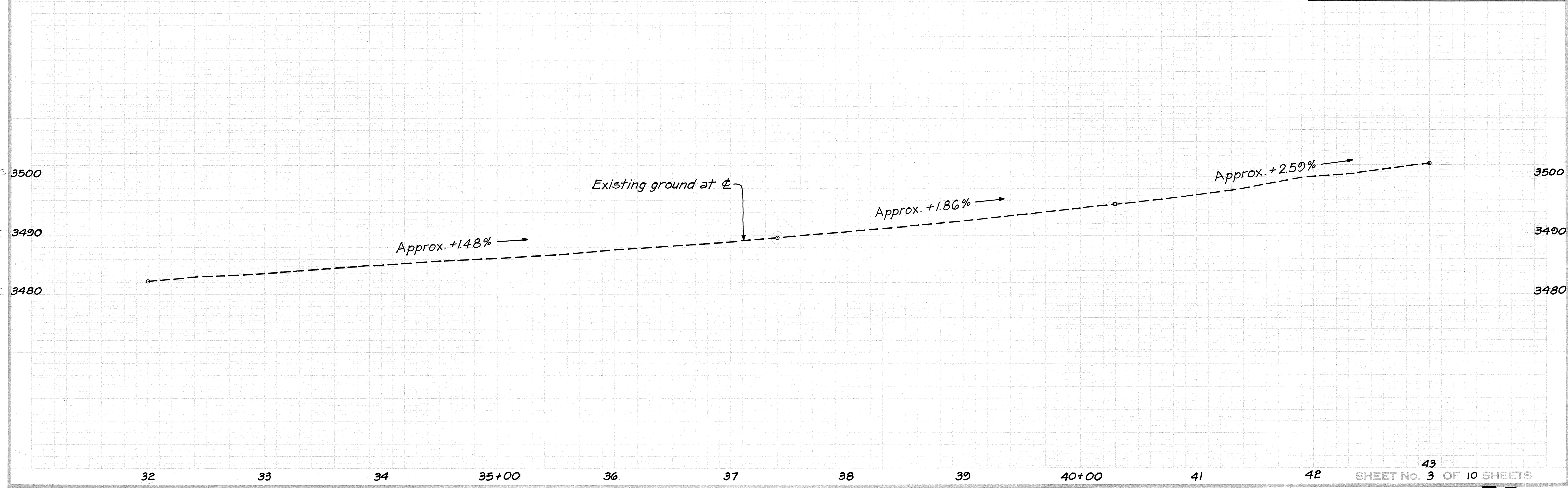
ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(10)	1989	7	20



10/19/89	Revised Curve Data ④
DATE	REVISION

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



RELOCATE Existing Sign & Post
ELEVATION
3500 FT
1067 M

Realign Roadway
Sta. 43+25± Lt. to Sta. 48+75± Lt.
Install 550 LF of Guardrail Type 3-Single with Steel Post.

Reconstruct Roadway
Sta. 43+34.15 to Sta. 44+52.28
Sta. 47+07.71 to Sta. 49+29.78
Sta. 56+43.90 (Bk.) to Sta. 57+63.77

Curve Data
Exist.
⑥ CURVE DATA
Δ = 21°05'45"
R = 600.00'
T = 111.72'
L = 220.91'

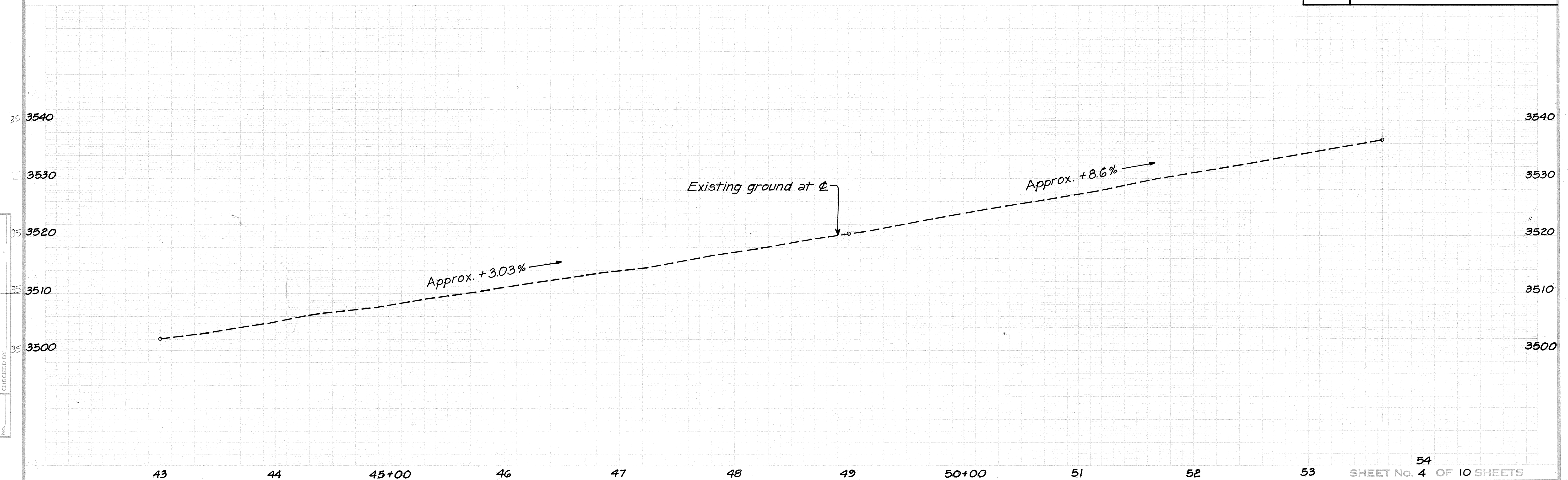
② CURVE DATA
Δ = 10°24'09.65"
R = 820.00'
T = 140.18'
L = 277.69'
SE = 8.0%

⑤ CURVE DATA
Exist.
Δ = 10°27'12"
R = 1400.00'
T = 128.07'
L = 255.43'

⑦ CURVE DATA
Δ = 10°27'12.37"
R = 1000.00'
T = 91.48'
L = 182.45'
SE = 7.6%

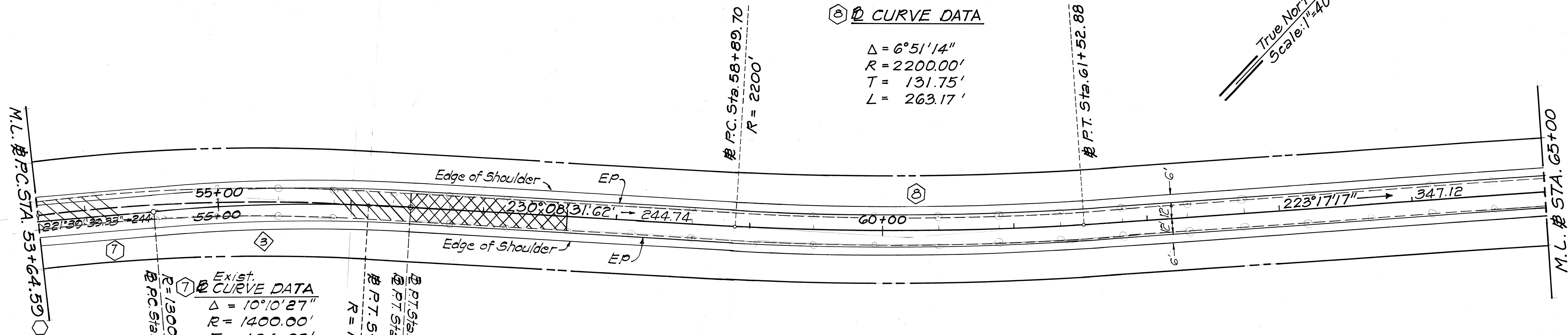
Other Notes:
Type "F" Flare
Type "C" Flare
Edge of Shoulder
M.L. Sta. 43+00
M.L. Sta. 53+64.59
True North
Scale: 1" = 40'

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2000	1989	9	29

True North
Scale: 1"=40'



⑧ CURVE DATA
 $\Delta = 6^\circ 51' 14''$
 $R = 2200.00'$
 $T = 131.75'$
 $L = 263.17'$

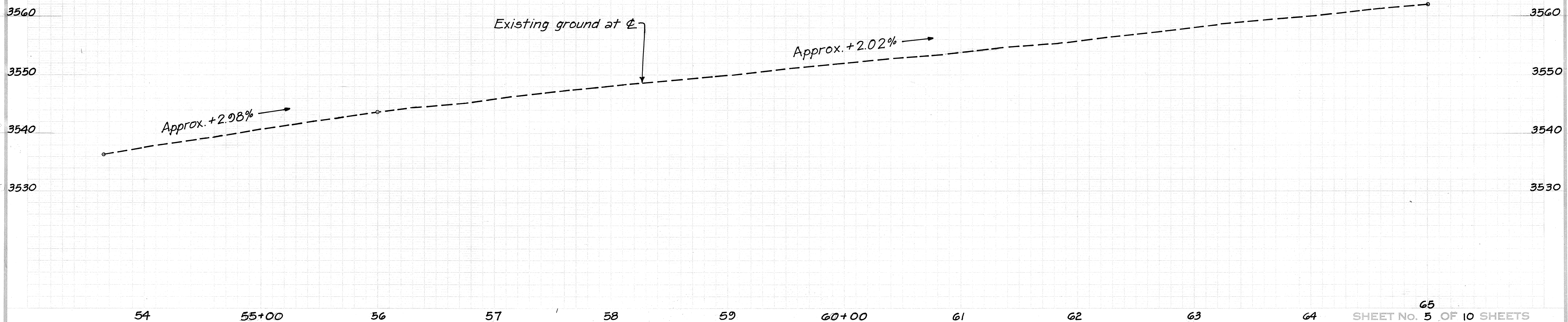
⑦ EXIST. CURVE DATA
 $\Delta = 10^\circ 10' 27''$
 $R = 1400.00'$
 $T = 124.63'$
 $L = 248.60'$

③ CURVE DATA
 $\Delta = 8^\circ 28' 52.30''$
 $R = 1300.00'$
 $T = 96.39'$
 $L = 192.43'$
 $S.E. = 6.7\%$

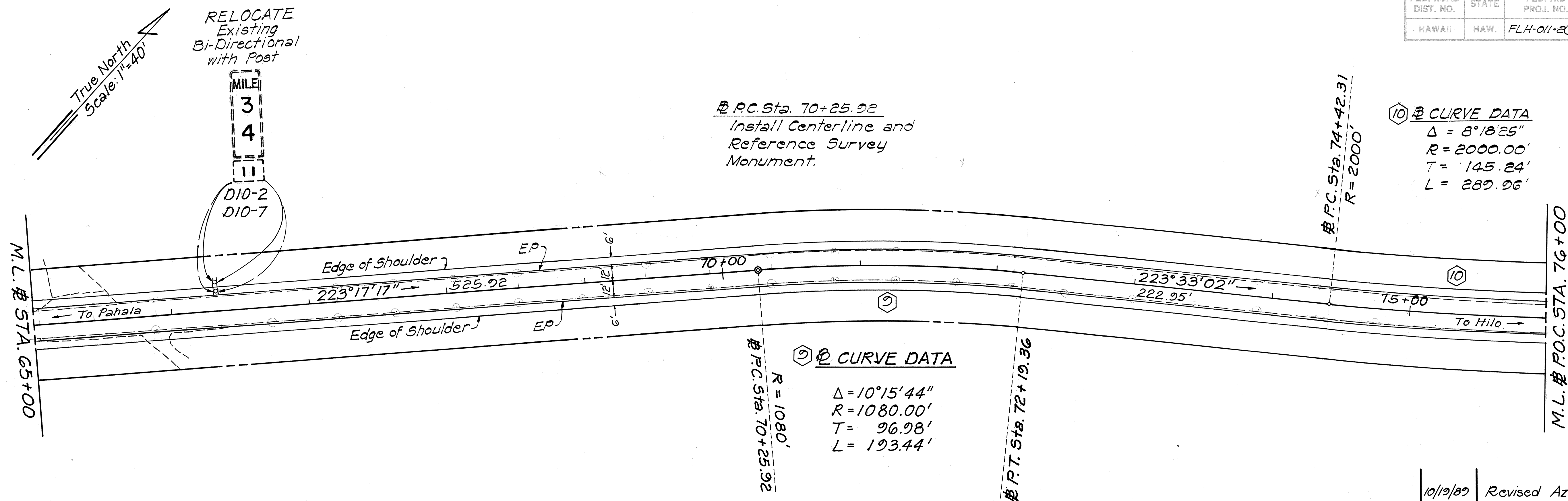
② P.T. STA. 56+44.9647
 P.T. STA. 56+43.9086
 $R = 1400'$

10/19/89	Revised Curve Data ⑧
DATE	REVISION

ORIGINAL PLAN	DATE
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

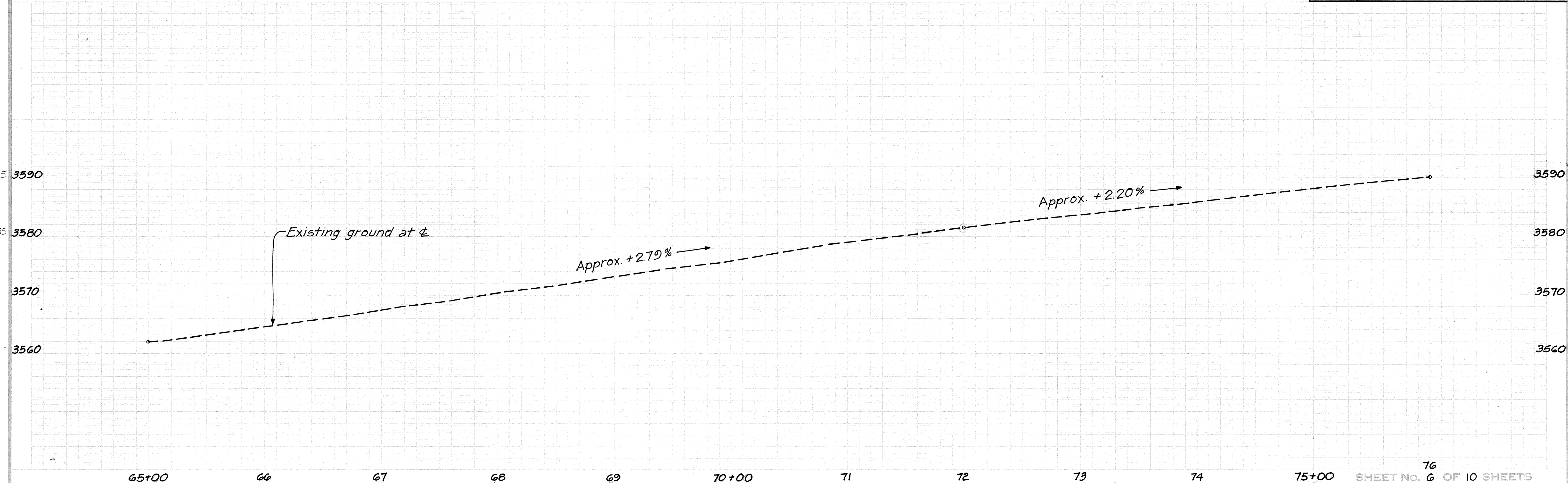


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(10)	1989	10	29



10/19/89	Revised Azimuth between Sta. 65+00 and Sta. 70+25.92. Added distance of 222.95 between Sta. 72+19.36 and Sta. 74+42.31
DATE	REVISION

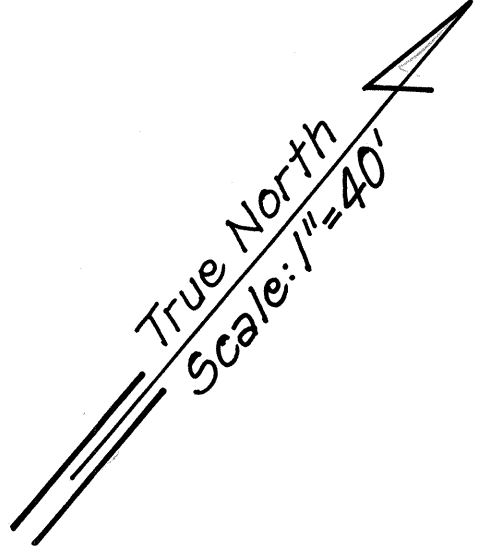
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(12)	1989	11	20

10 **CURVE DATA**
 $\Delta = 8^{\circ}18'25''$
 $R = 2000.00'$
 $T = 145.24'$
 $L = 289.96'$

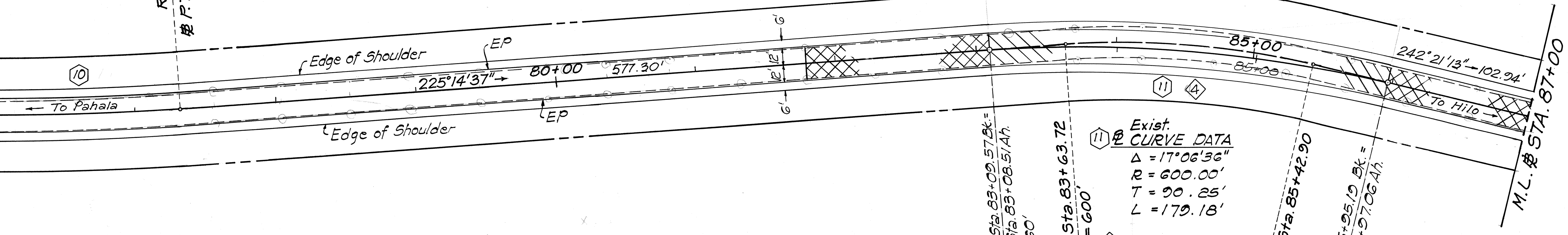
$R = 2000'$
P.T. Sta. 77+32.27



20
Sta. 81+80.36 To Sta. 83+09.57 (Bk.)
Sta. 85+25.19 (Bk.) To Sta. 87+51.42
Reconstruct Roadway

Sta. 83+09.57 Bk. To Sta. 85+25.19 Bk.
Realign Roadway

M.L. P.O.C. Sta. 76+00



P.C. Sta. 83+09.57 Bk. =
P.C. Sta. 83+08.51 A.H.
 $R = 960'$

P.C. Sta. 83+63.72
 $R = 600'$

11 **Exist. CURVE DATA**
 $\Delta = 17^{\circ}06'36''$
 $R = 600.00'$
 $T = 90.25'$
 $L = 179.18'$
CURVE DATA
 $\Delta = 17^{\circ}06'36.05''$
 $R = 960.00$
 $T = 144.42$
 $L = 286.68$
S.E. = 7.7%

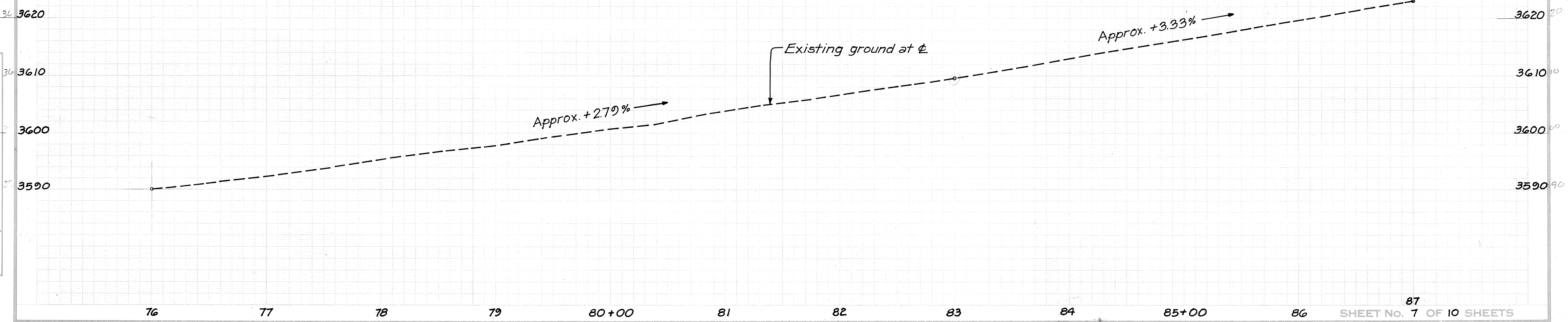
P.T. Sta. 85+42.90

P.T. Sta. 85+25.19 Bk. =
P.T. Sta. 85+27.06 A.H.

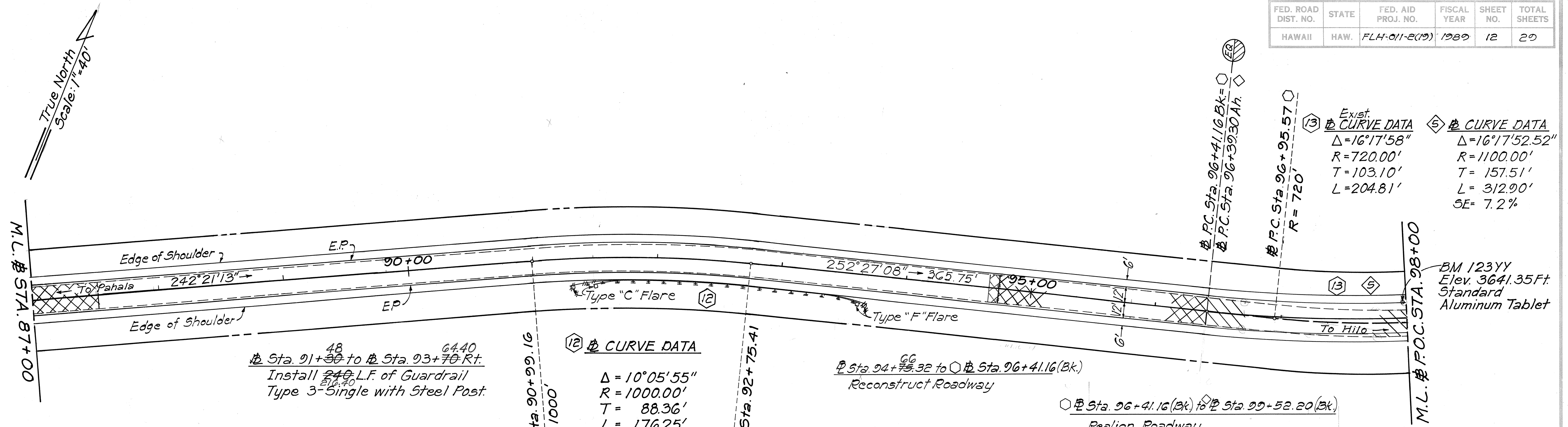
10/19/89 Added distance of 577.30 between Sta. 77+32.27 and 83+09.57.
Added Azimuth and Distance between Sta. 85+27.06 & Sta. 87+00.

DATE	REVISION
------	----------

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(12)	1989	12	20



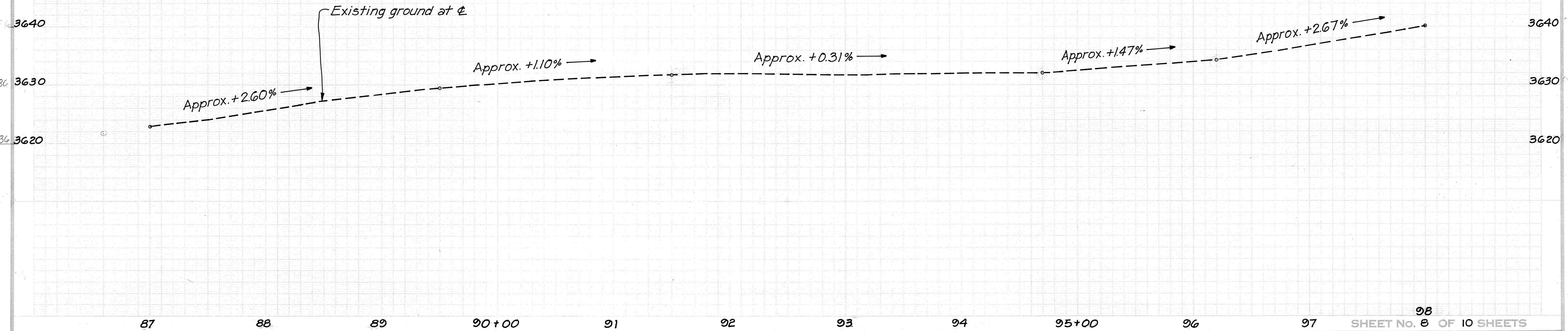
DATE	REVISION
10/19/89	Added 365.75' between Sta. 92+75.41 and Sta. 96+41.16

Sta. 98+00 ± Lt.

Relocate existing HVN/P BM 123 YY

See General Note #7, Sheet No. 3

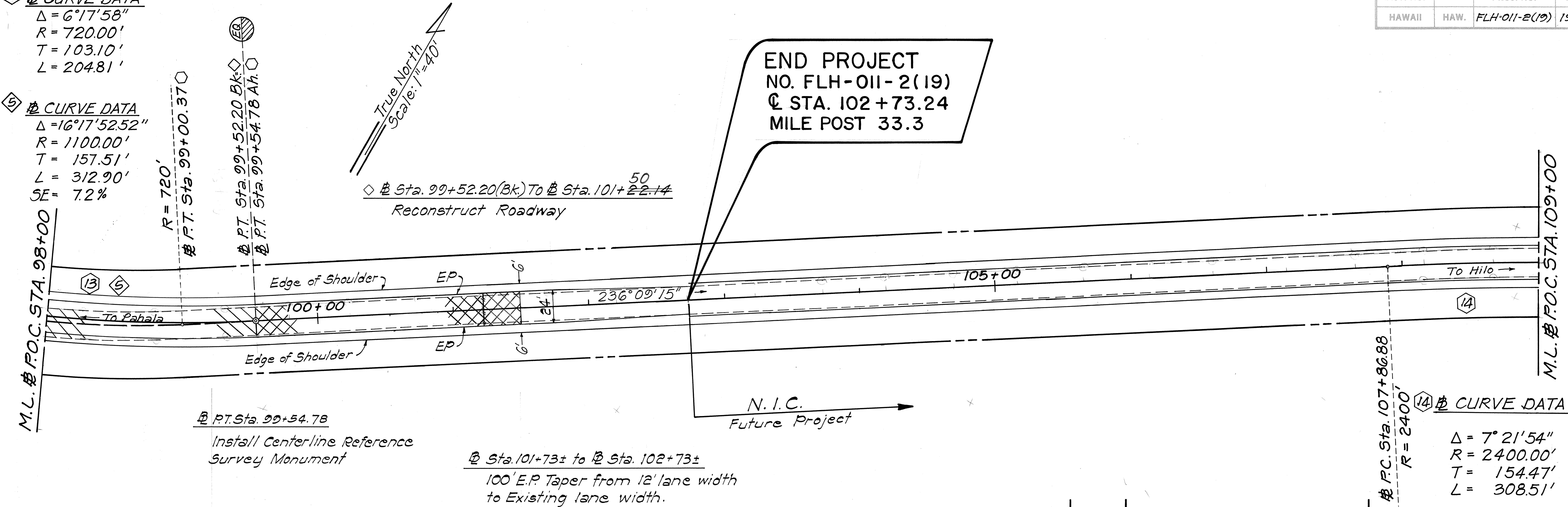
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	



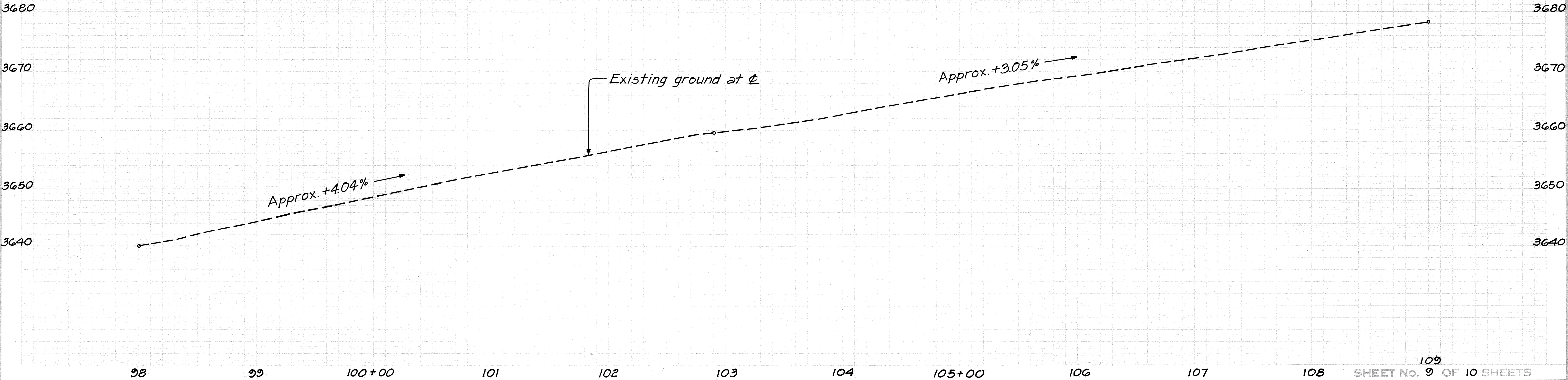
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-2(19)	1989	13	29

13 *Exist*
 CURVE DATA
 $\Delta = 6^{\circ}17'58''$
 $R = 720.00'$
 $T = 103.10'$
 $L = 204.81'$

5 CURVE DATA
 $\Delta = 16^{\circ}17'52.52''$
 $R = 1100.00'$
 $T = 157.51'$
 $L = 312.90'$
 $SE = 7.2\%$



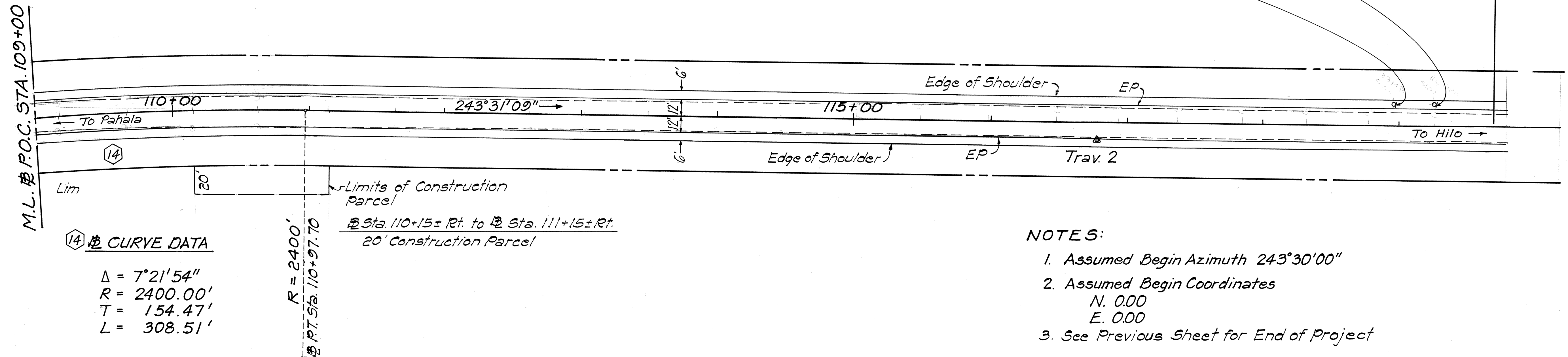
10/19/89	Revised Curve Data	5
DATE	REVISION	



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FLH-011-E(10)	1989	14	29

True North
Scale: 1"=40'



- NOTES:**
1. Assumed Begin Azimuth $243^{\circ}30'00''$
 2. Assumed Begin Coordinates
N. 0.00
E. 0.00
 3. See Previous Sheet for End of Project

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

