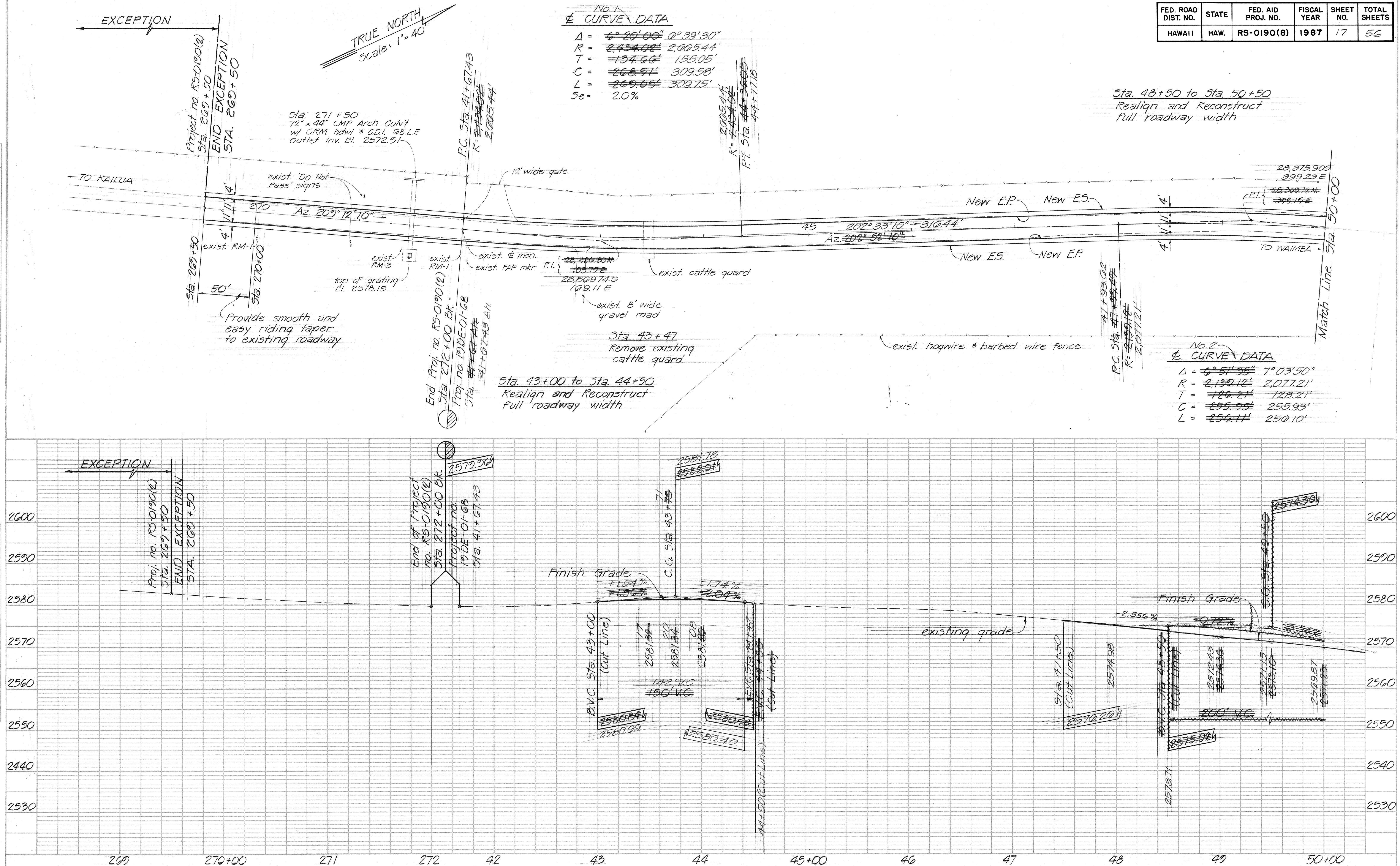


PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M.'S NOTED			
STRUCTURE NOTATIONS CHK'D.			
NO.			



PLAN	SUBMITTED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

PROFILE	SUBMITTED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	18	56

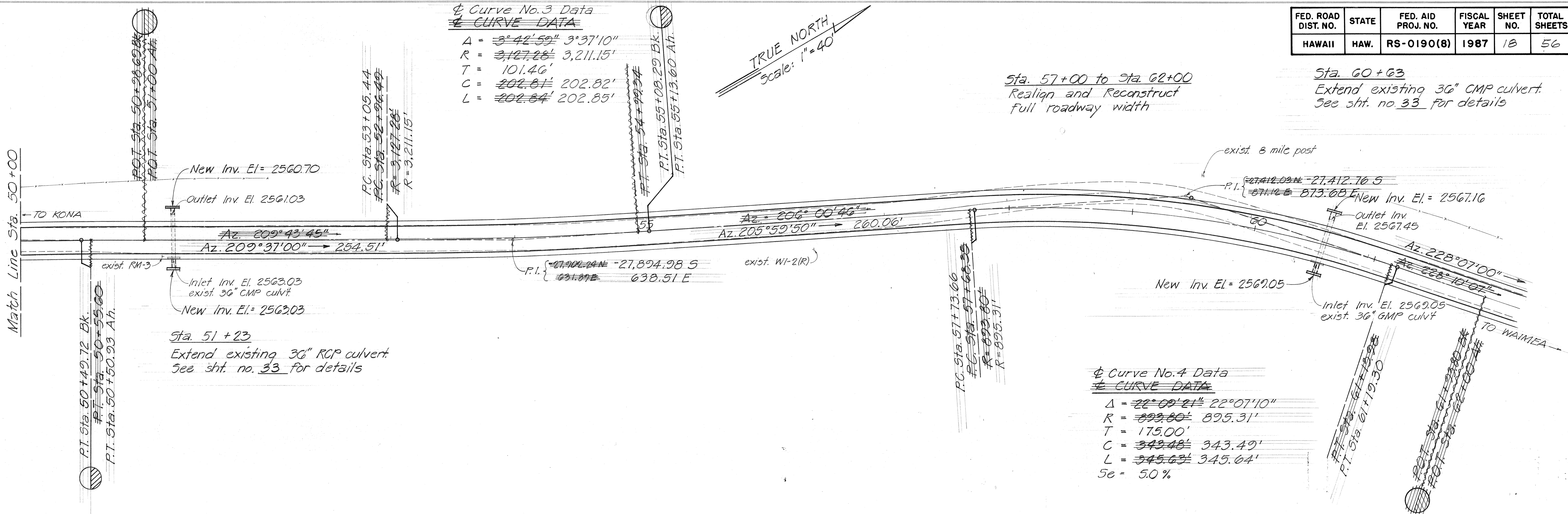
Curve No. 3 Data

$\Delta = 3^\circ 42' 59''$ $3^\circ 37' 10''$
 $R = 3,127.28'$ $3,211.15'$
 $T = 101.46'$
 $C = 202.81'$ $202.82'$
 $L = 202.84'$ $202.85'$

TRUE NORTH
 Scale: 1"=40'

Sta. 57+00 to Sta. 62+00
 Realignment and Reconstruct
 full roadway width

Sta. 60+63
 Extend existing 36" CMP culvert.
 See sht. no. 33 for details



Curve No. 4 Data

$\Delta = 22^\circ 09' 21''$ $22^\circ 07' 10''$
 $R = 899.60'$ $895.31'$
 $T = 175.00'$
 $C = 343.48'$ $343.49'$
 $L = 345.63'$ $345.64'$
 $Se = 5.0\%$



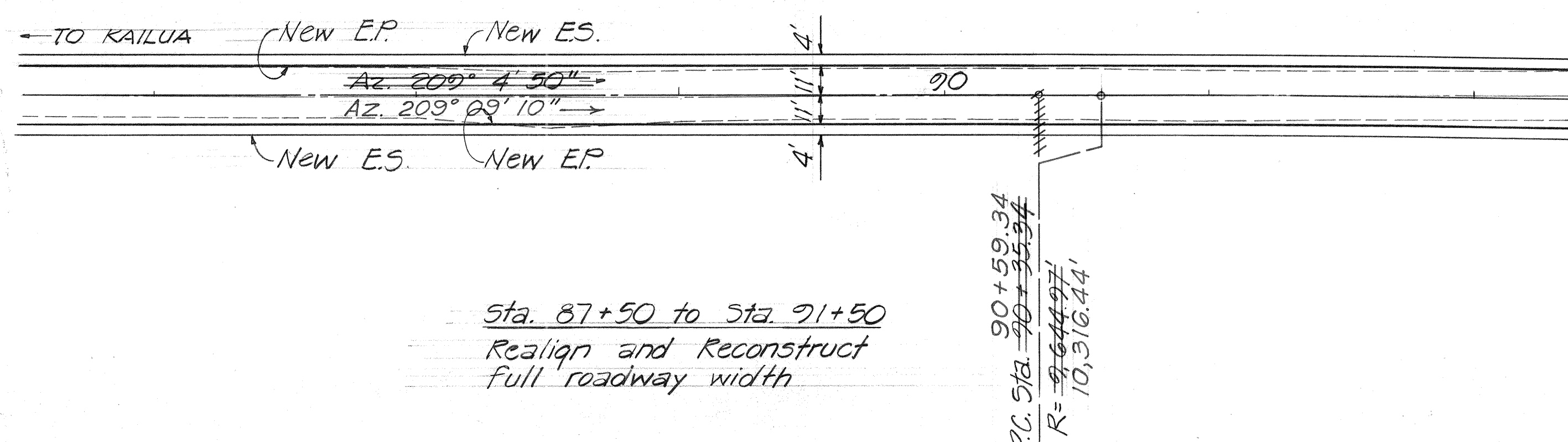
PLAN	DATE
SURVEYED	BY
NOTE BOOK	NO.
ALIGNED CHECKED	
RT. OF WAY CHECKED	

PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	
B.M.'S NOTED	
STRUCTURE NOTATION CHD.	

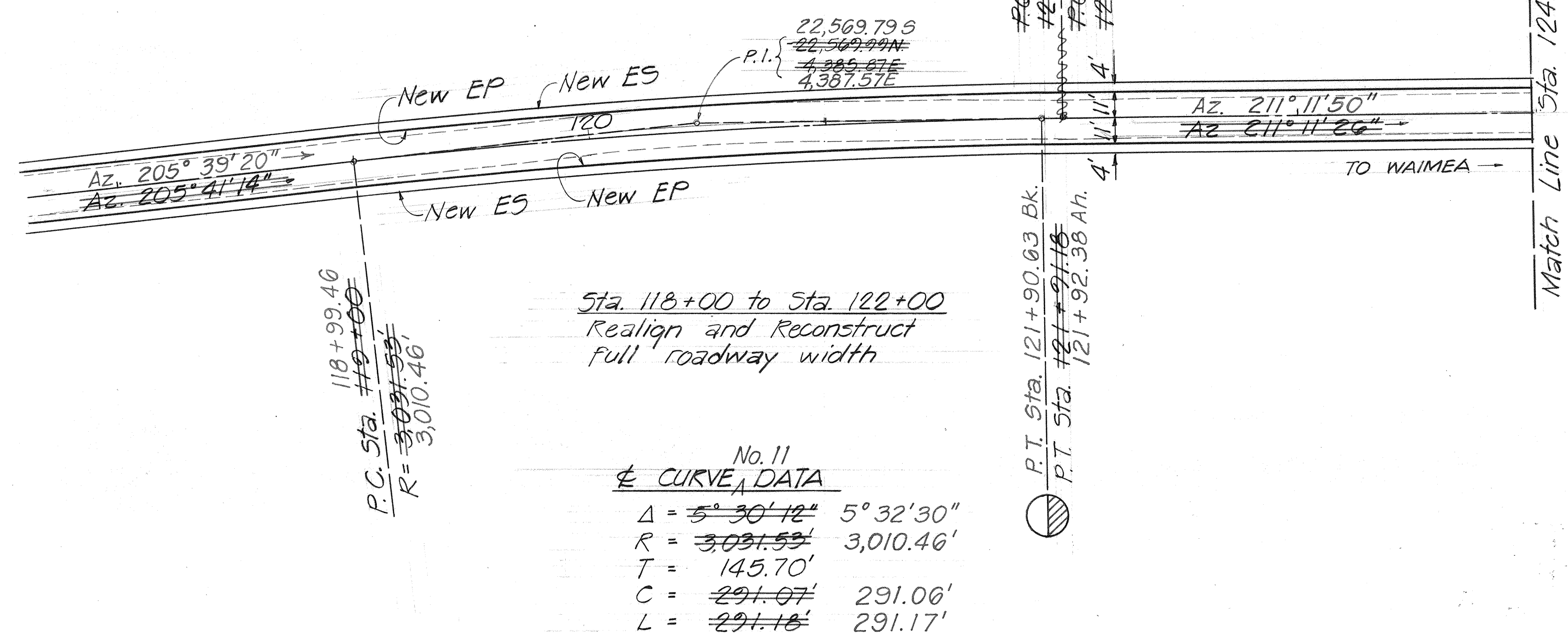
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	19	56

TRUE NORTH
Scale: 1" = 40'

TRUE NORTH
Scale: 1" = 40'



Sta. 87+50 to Sta. 91+50
Realign and Reconstruct
full roadway width



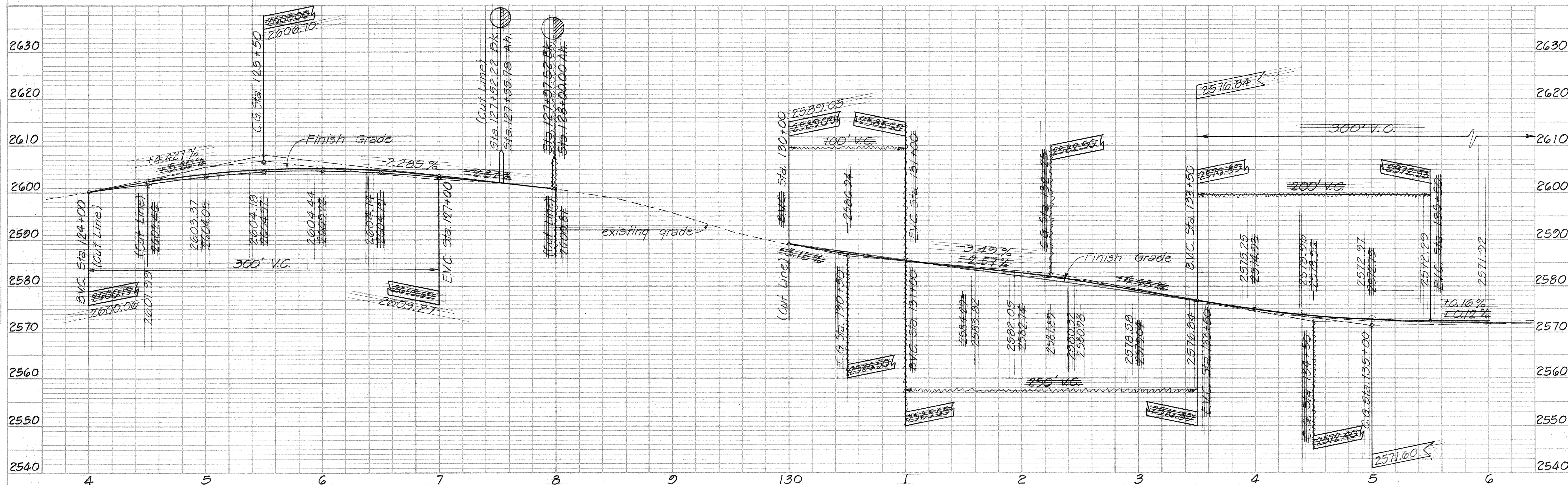
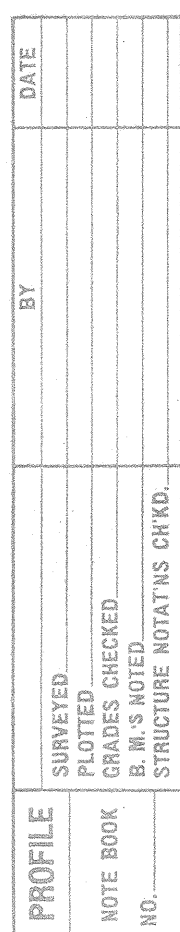
Sta. 118+00 to Sta. 122+00
Realign and Reconstruct
full roadway width

No. 11
CURVE DATA

Δ	$5^{\circ} 30' 12''$	$5^{\circ} 32' 30''$
R	$3,010.53'$	$3,010.46'$
T	$145.70'$	
C	$291.07'$	$291.06'$
L	$291.18'$	$291.17'$



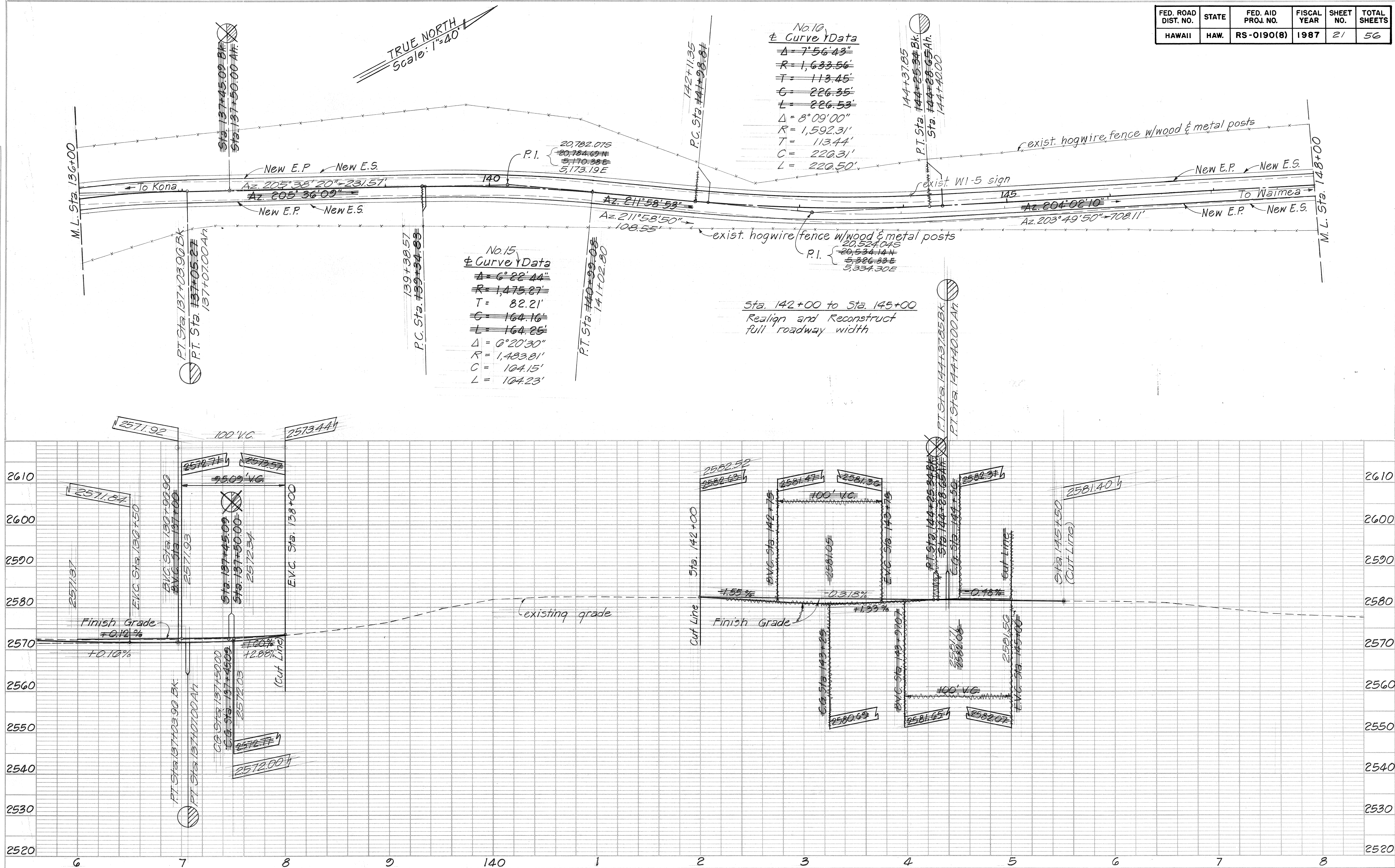
PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		



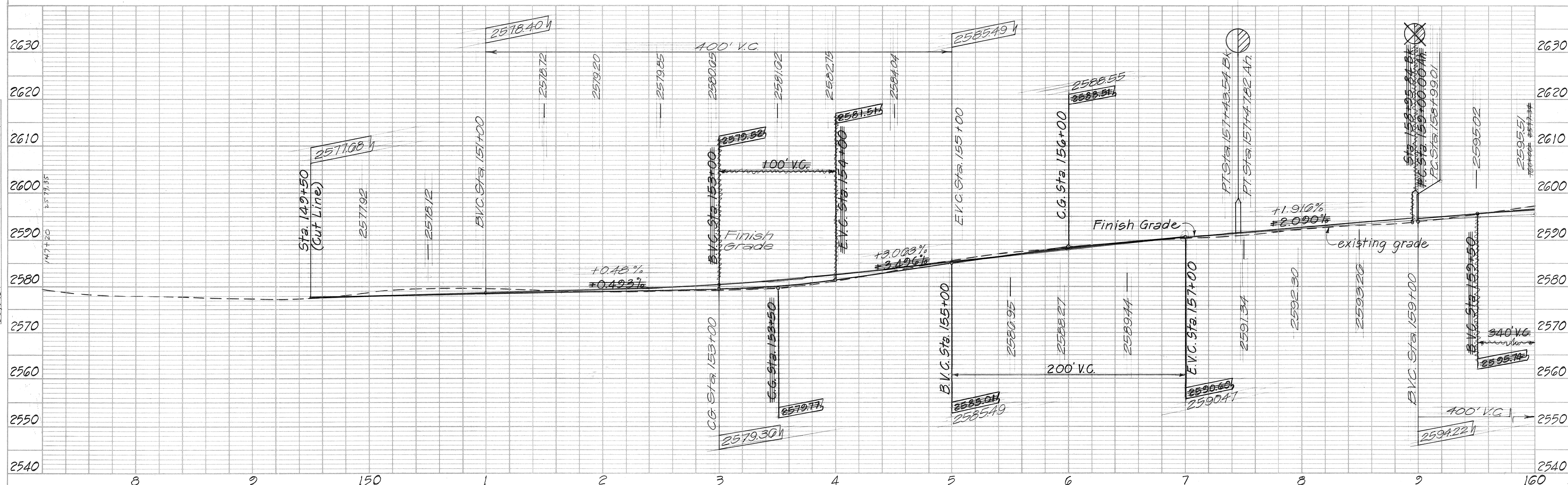
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	21	56

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED	<i>gso</i>	<i>Sept. 86</i>
NOTE BOOK		
B. M.'S NOTED		
STRUCTURE NOTATIONS CHK'D		
NO. 1326:		
56, 9-10		



Curve No. 18 Data
 $\Delta = 17^\circ 50' 20''$
 $R = 697.30'$
 $T = 110.06'$
 $C = 217.43'$
 $L = 218.32'$
 $Se = 5.0\%$

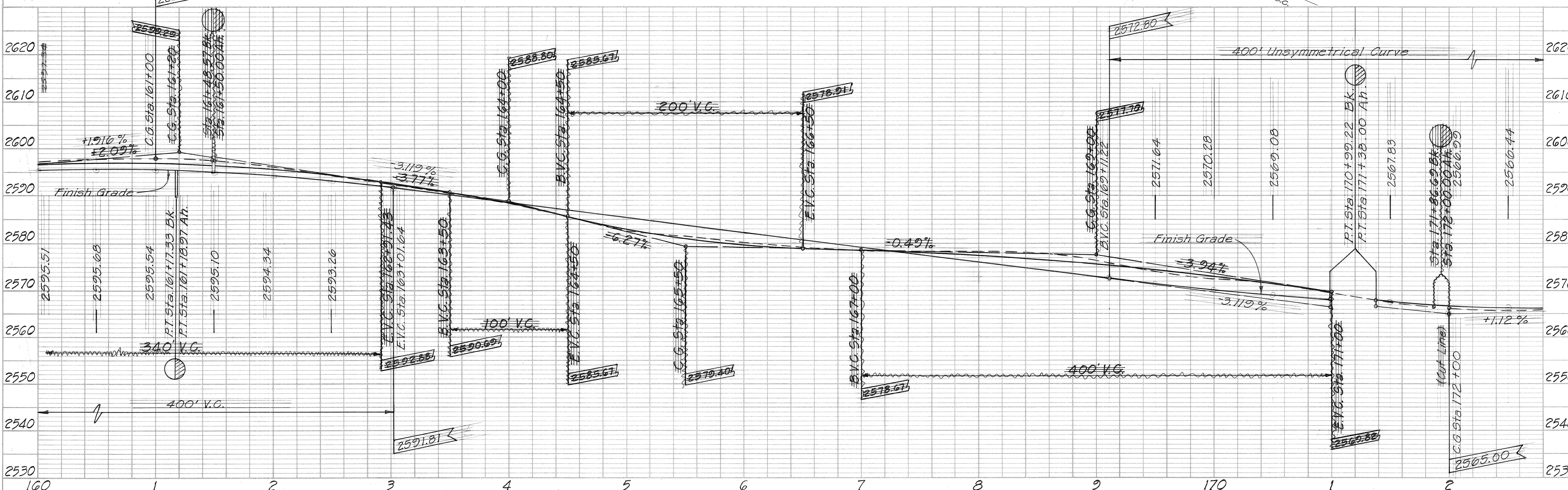
STA. 164+35 TO STA. 166+85
 Scarify existing Asphalt Concrete Pavement.
 Regrade, Roll, and Compact Scarified Area.
 Work shall be incidental to Roadway Excavation.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	23	56

Curve Data
 $\Delta = 17^\circ 47' 20''$
 $R = 703.30'$
 $T = 110.06'$
 $C = 217.43'$
 $L = 218.32'$
 $Se = 5.0\%$

Curve No. 19 Data
 $\Delta = 62^\circ 28' 21'' - 62^\circ 20' 20''$
 $R = 600.00'$
 $T = 363.18'$
 $C = 621.39'$
 $L = 653.16'$
 $Se = 8.0\%$

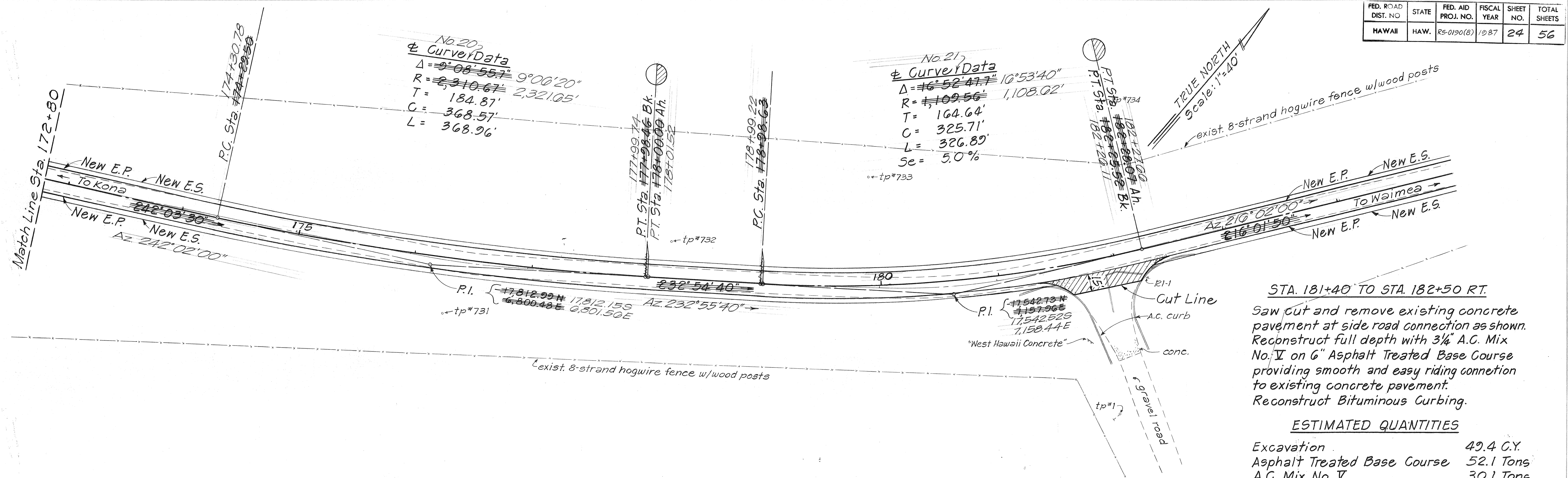
STA. 149+50 TO STA. 172+00
 Realign and Reconstruct full Roadway Width.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	24	56

PLAN	DATE	BY
SURVEYED	Sept. 26	J.S.
NOTED		
PLANNED		
NOTED		
PLANNED		

PROFILE	DATE	BY
SURVEYED	Sept. 26	J.S.
NOTED		
PLANNED		
NOTED		
PLANNED		

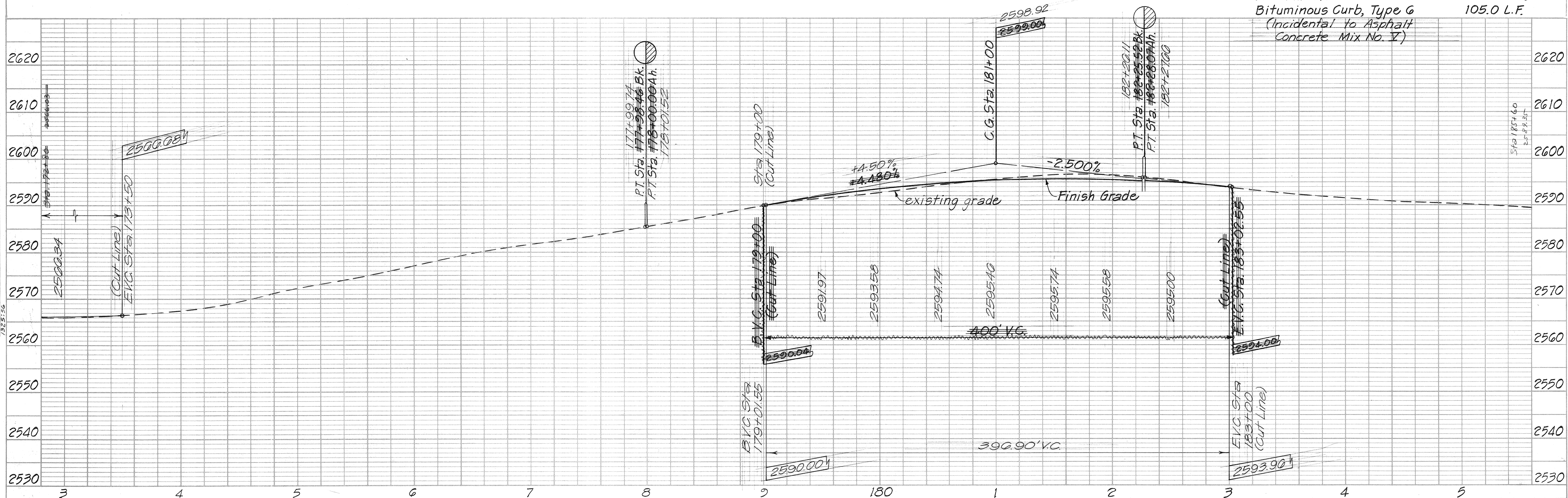


STA. 181+40 TO STA. 182+50 RT.

Saw cut and remove existing concrete pavement at side road connection as shown. Reconstruct full depth with 3 1/4" A.C. Mix No. II on 6" Asphalt Treated Base Course providing smooth and easy riding connection to existing concrete pavement. Reconstruct Bituminous Curbing.

ESTIMATED QUANTITIES

Excavation	49.4 C.Y.
Asphalt Treated Base Course	52.1 Tons
A.C. Mix No. II	30.1 Tons
Bituminous Curb, Type G	105.0 L.F.
(Incidental to Asphalt Concrete Mix No. II)	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0190(8)	1987	25	56

PLAN	DATE	BY	SYMBOLS	NOTES
NO. 1306	Aug. 86			RT. OF WAY CHECKED.
W/32.5'-37.40'				

PROFILE	DATE	BY	SYMBOLS	NOTES
NO. 1306	Oct. 86			STRUCTURE NOTATION CHKD.
W/32.5'-37.40'				

