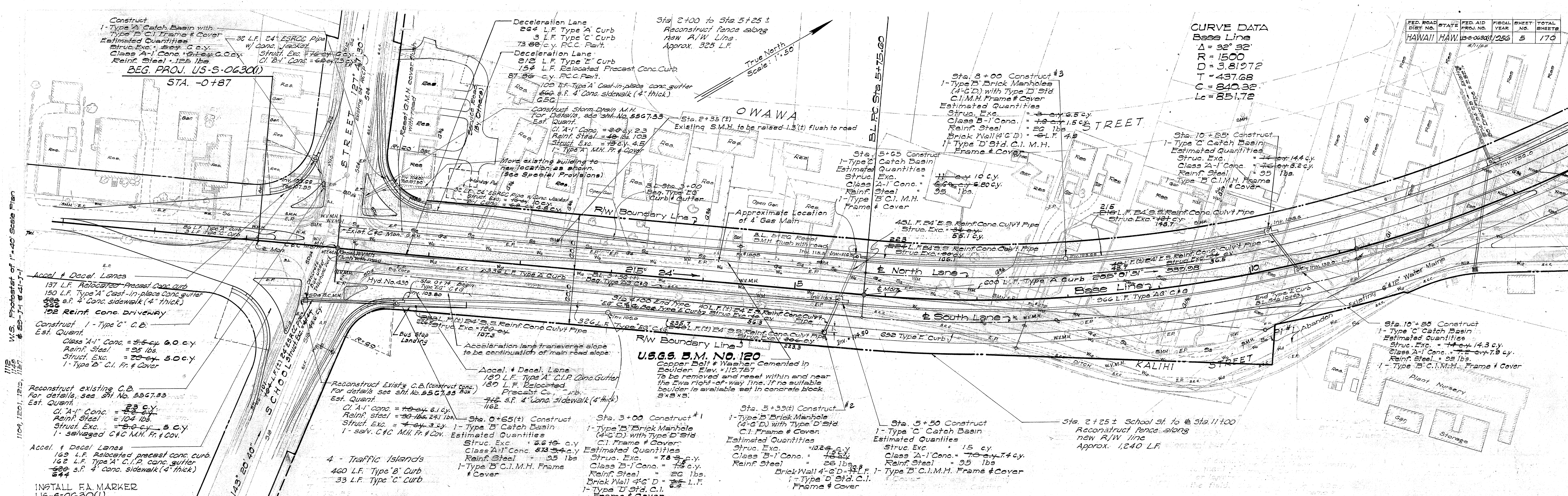




FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	15-0-0630(1)	1956	5	170

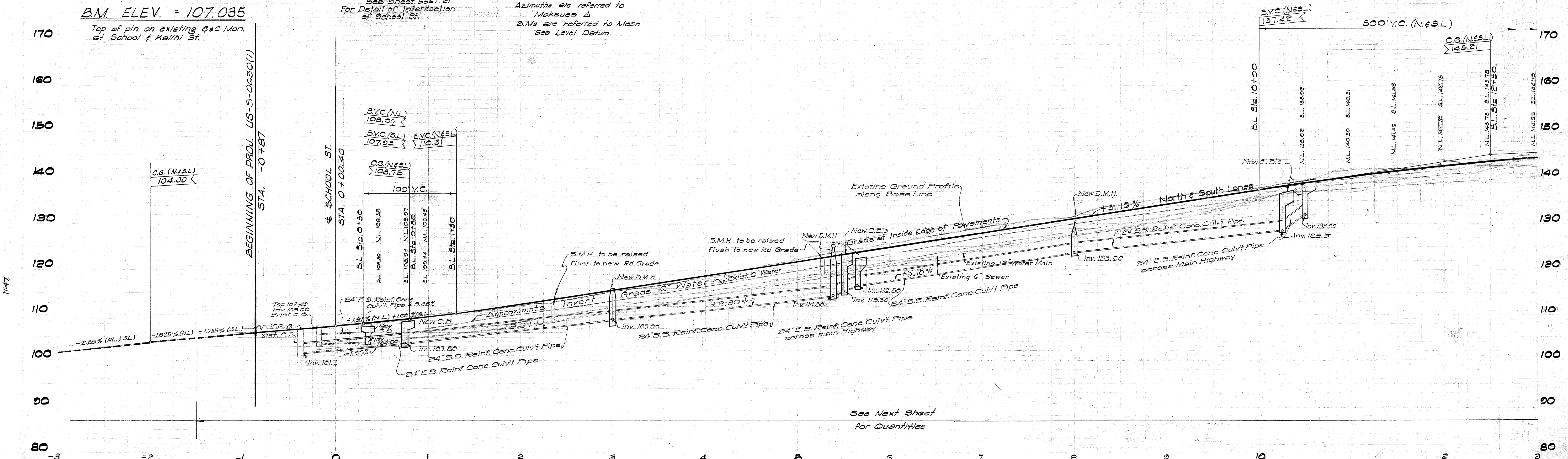
CURVE DATA
Base Line
 $\Delta = 32^\circ 32'$
 $R = 1500$
 $D = 3.81972$
 $T = 437.68$
 $C = 840.32$
 $L_c = 851.72$

U.S. Photostat of 1"=40' Scale Plan
#20-J1 8-41-J-1
11/2
11/2
104, 120, 120, 120

NOTE:
See Sheet 5567.21
For Detail of Intersection
of School St.

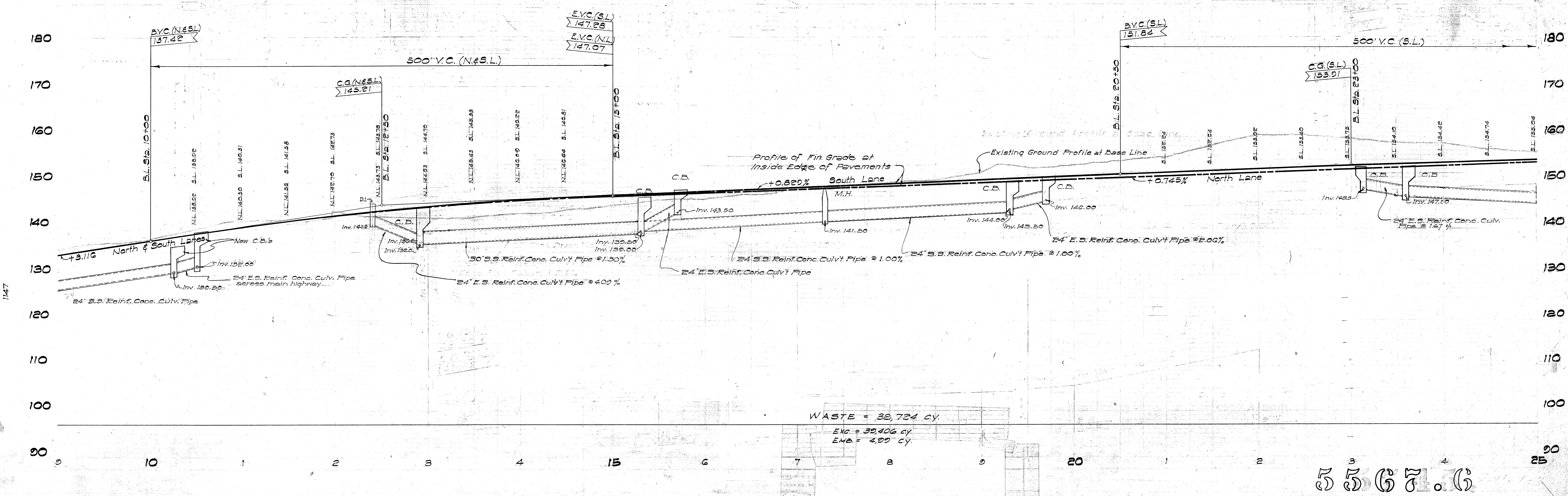
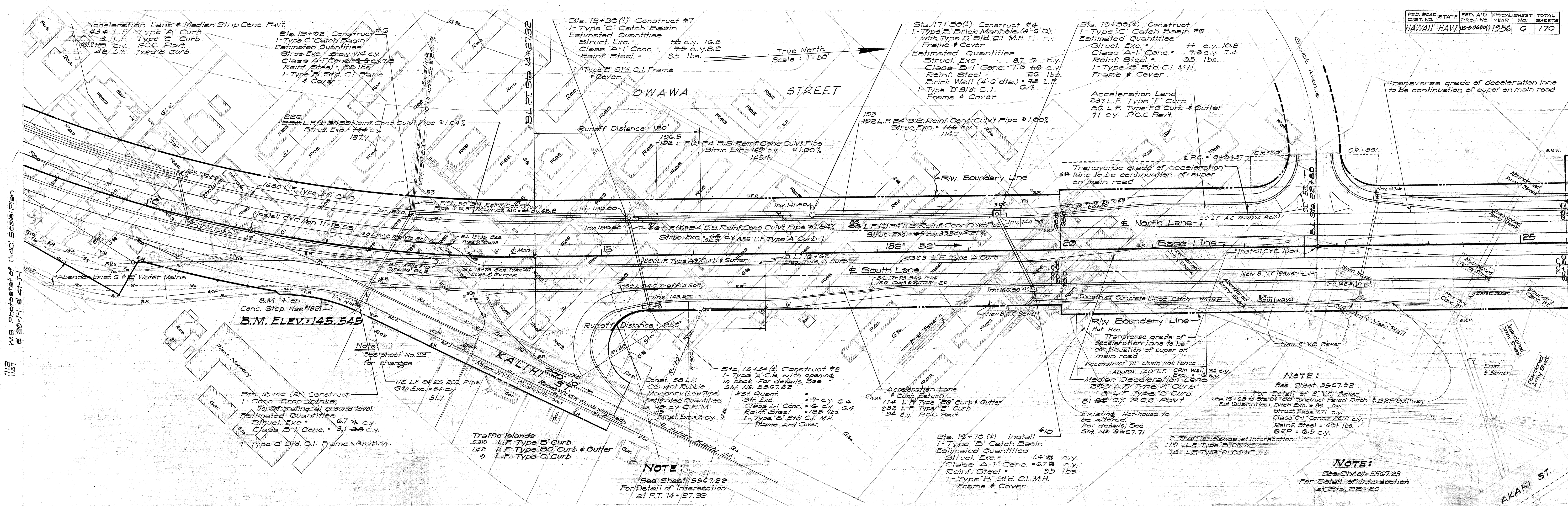
NOTE:
Azimuths are referred to
Mokuaea Δ
B.M.s are referred to Mean
Sea Level Datum.

B.M. ELEV. = 107.035
Top of pin on existing C&C Man.
at School & Kalihi St.



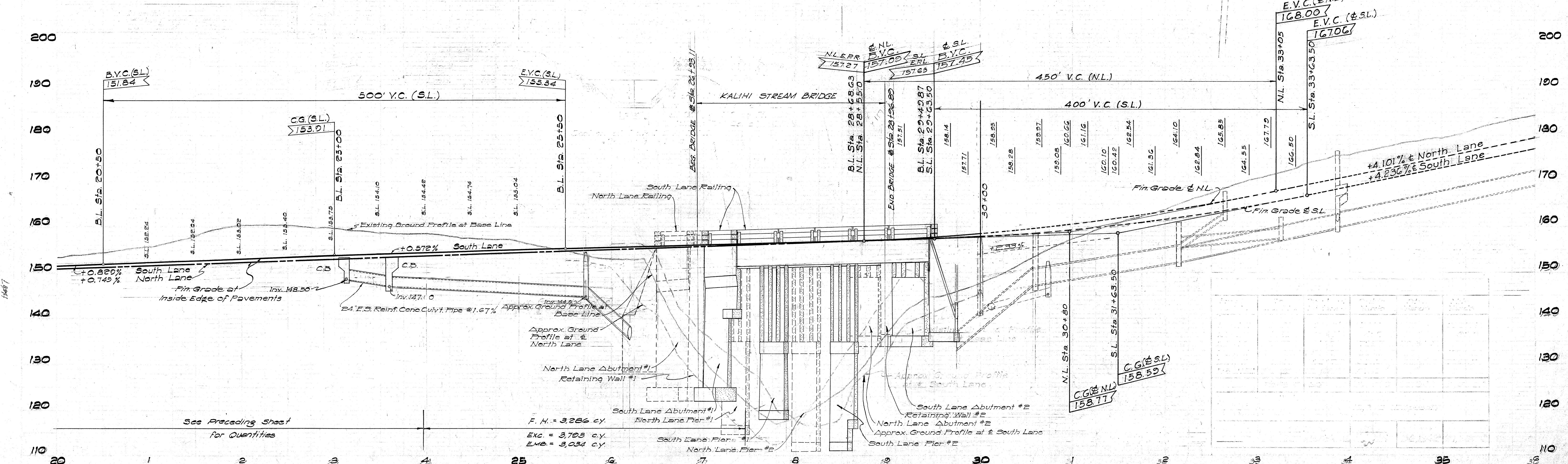
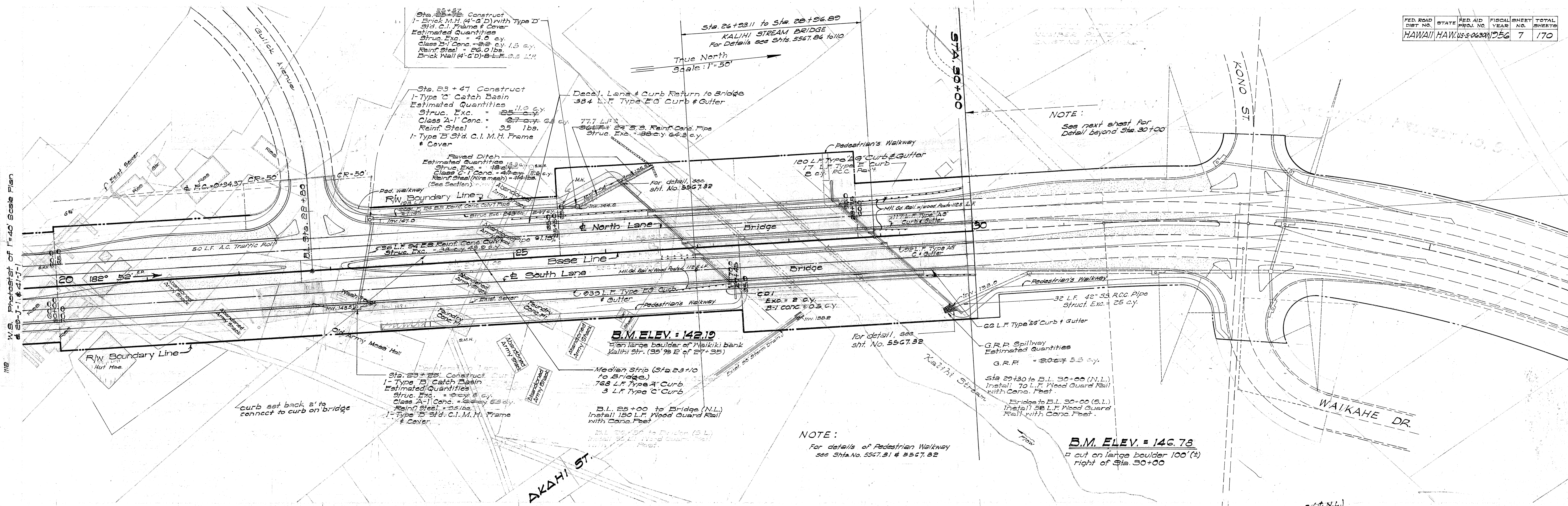
See Next Sheet
For Quantities

5567.5



5567.6

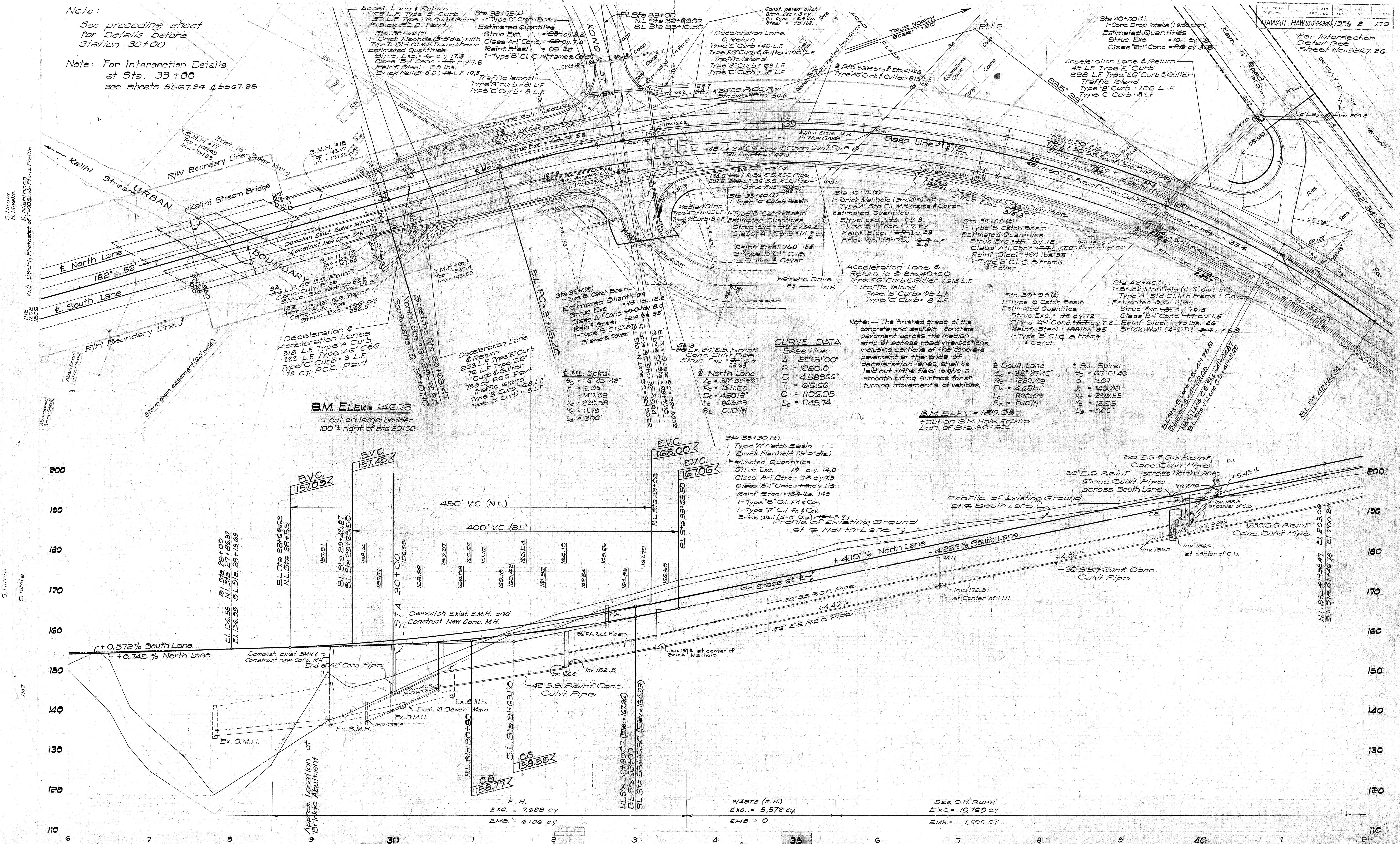
112
W.S. Profile of 1"=40' Scale Plan
4-20-57 11-24-57



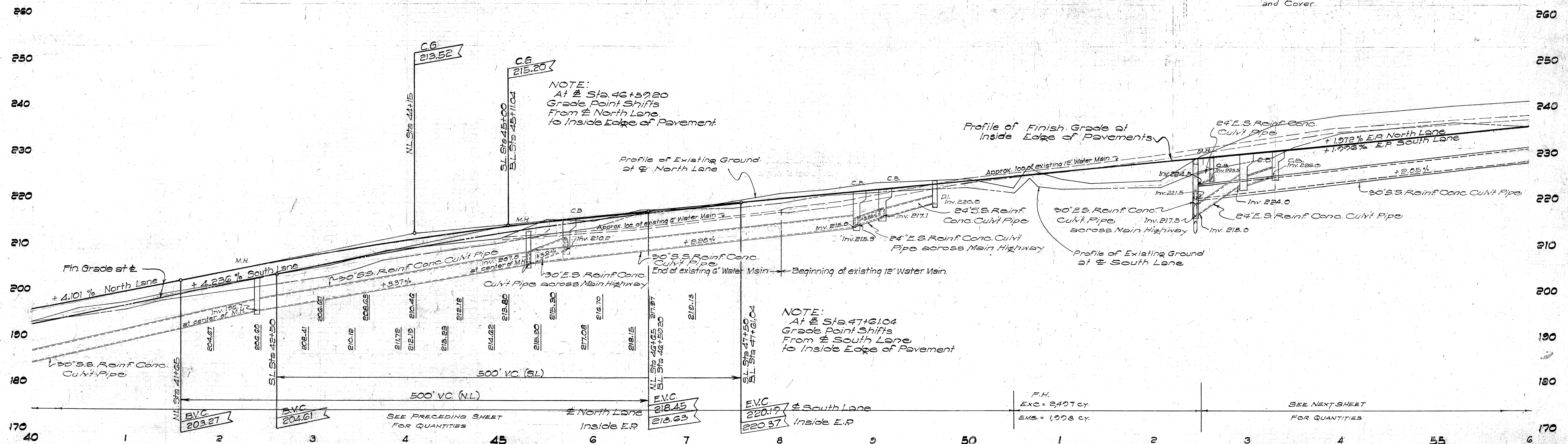
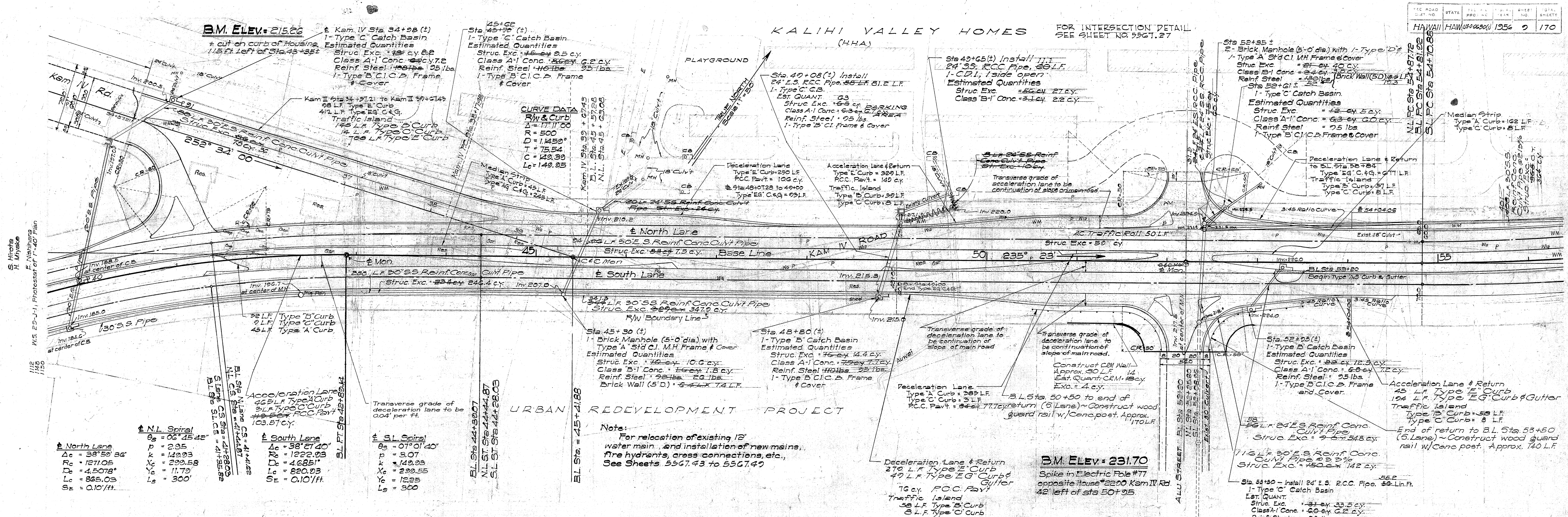
5567.8

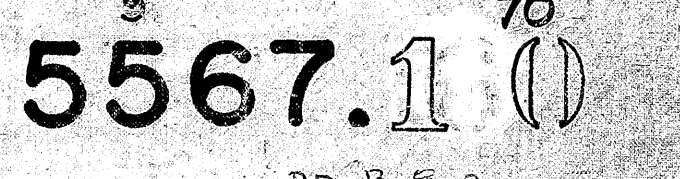
See preceding sheet
for Details before
Station 30+00.

Note: For Intersection Details
at Sta. 33+00
see sheets 5567.24 & 5567.25



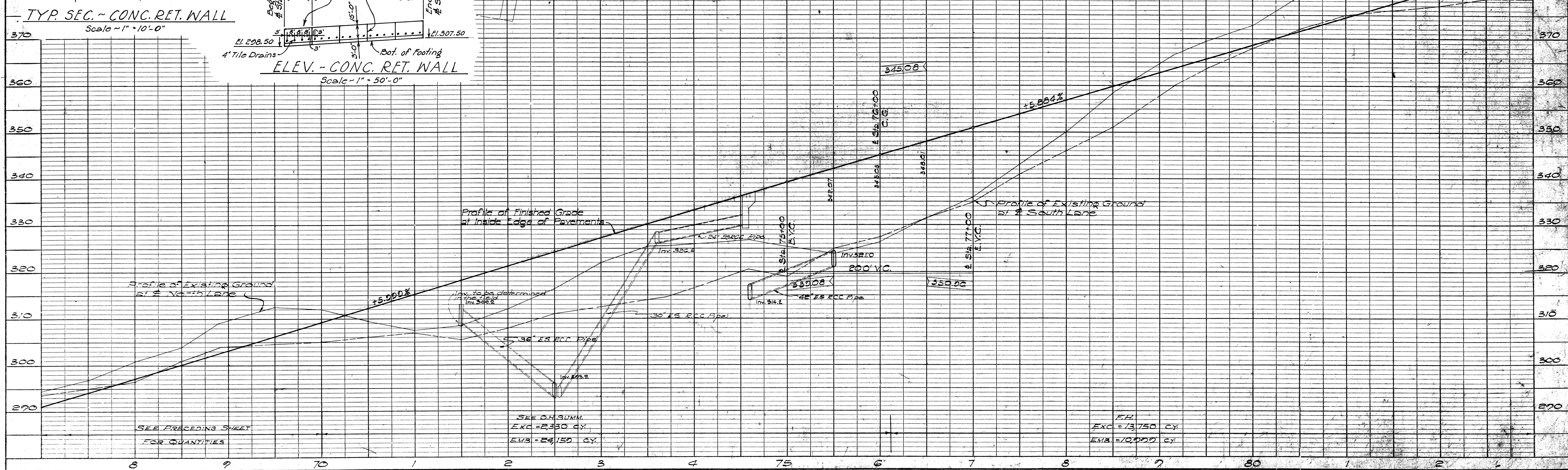
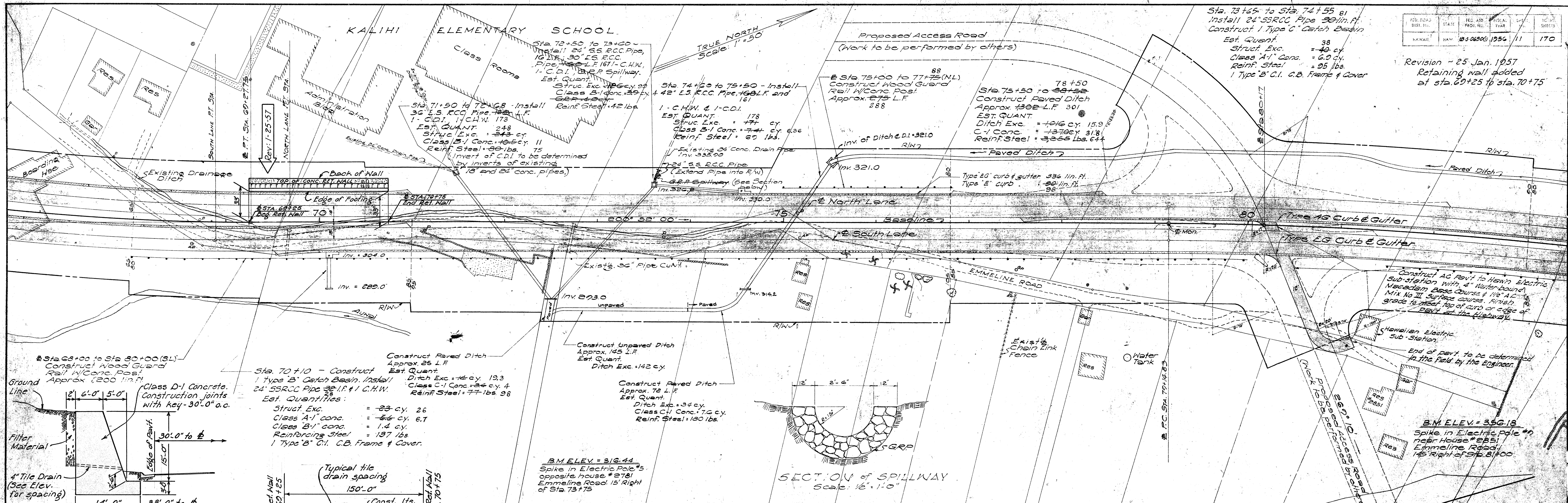
FOR INTERSECTION DETAIL
SEE SHEET NO. 55GT.27



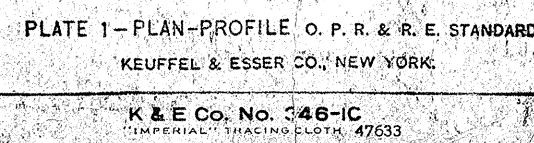


DATE	BY	REVISION
		1. PLAN
		2. NOTE BOOK
		3. ALIGNMENT CHECKED
		4. RT. OF WAY CHECKED
		5. NO.

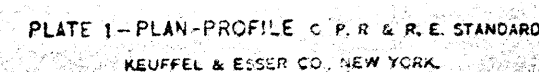
DATE	BY	REVISION
		1. PROFILE
		2. GRADES CHECKED
		3. IN M.S. NOTED
		4. STRUCTURE NOTATIONS CHD.
		5. NO.



PROFILE		BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
B. M'S NOTED			
NO.			
STRUCTURE NOTATION'S CH'ND.			

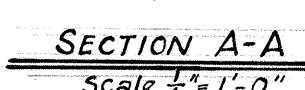
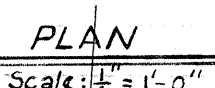


PROFILE		BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
B.M.'S CHECKED			
NO.	STRUCTURE NOTATIONS CHKD.		



5567.12A

REVISED: 7/8/57 - 36" Drain
9/13/57 - 8" Subdrain.
10/23/57 - Collector Ditch



Technical drawing of a square column section showing reinforcement details. The column has a 6-inch diameter opening. Reinforcement includes #4 bars at 12 inches on both walls, 12 #8 bars in the bottom, and 12 #8 bars in the top. Dimensions include 3'-0" height, 12" width, and 12" depth. A note indicates "Existing" on the left side.

SECTION B-B
Scale 1" = 1'-0"

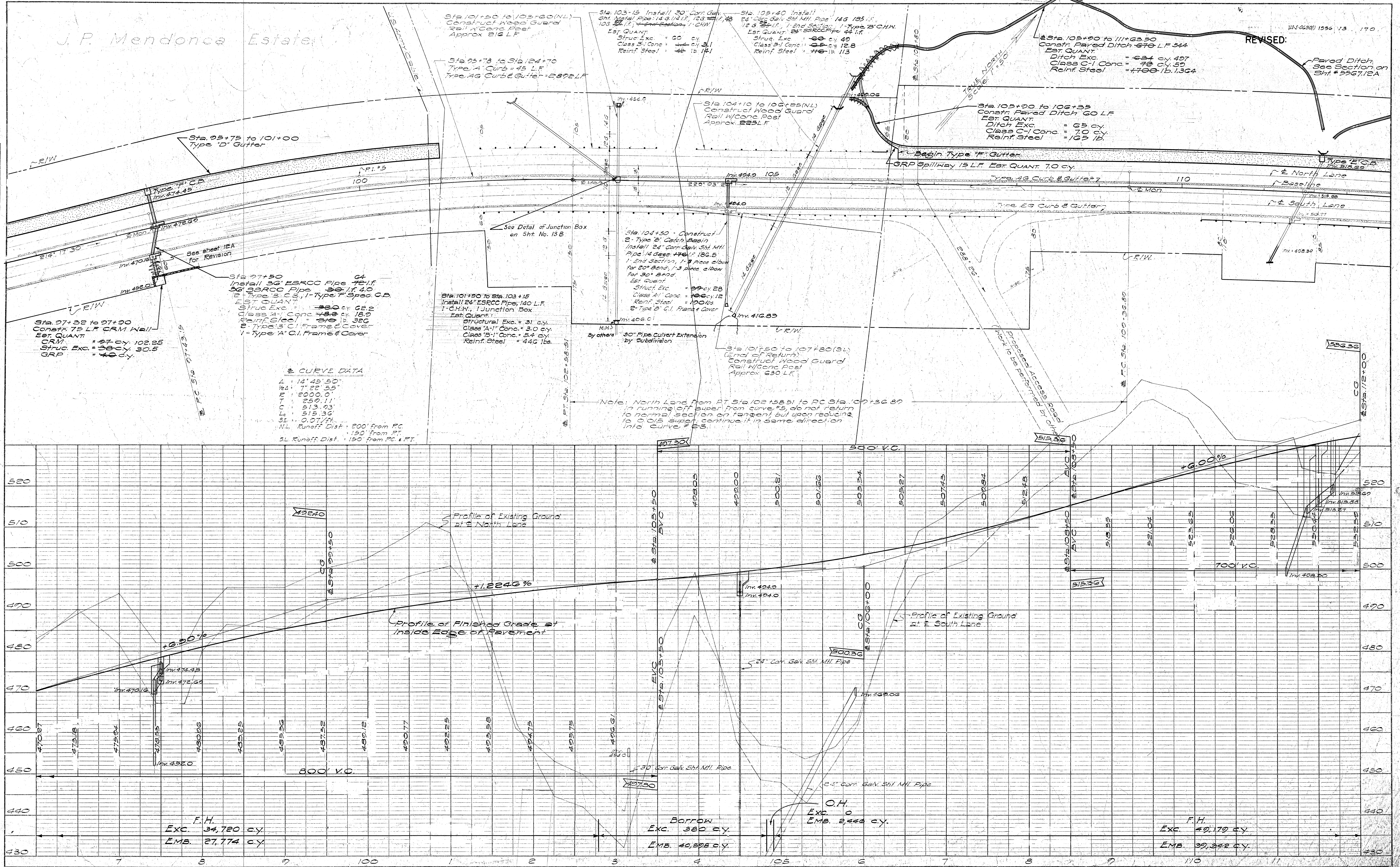


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25 32 23 50. 12x 470 10 470

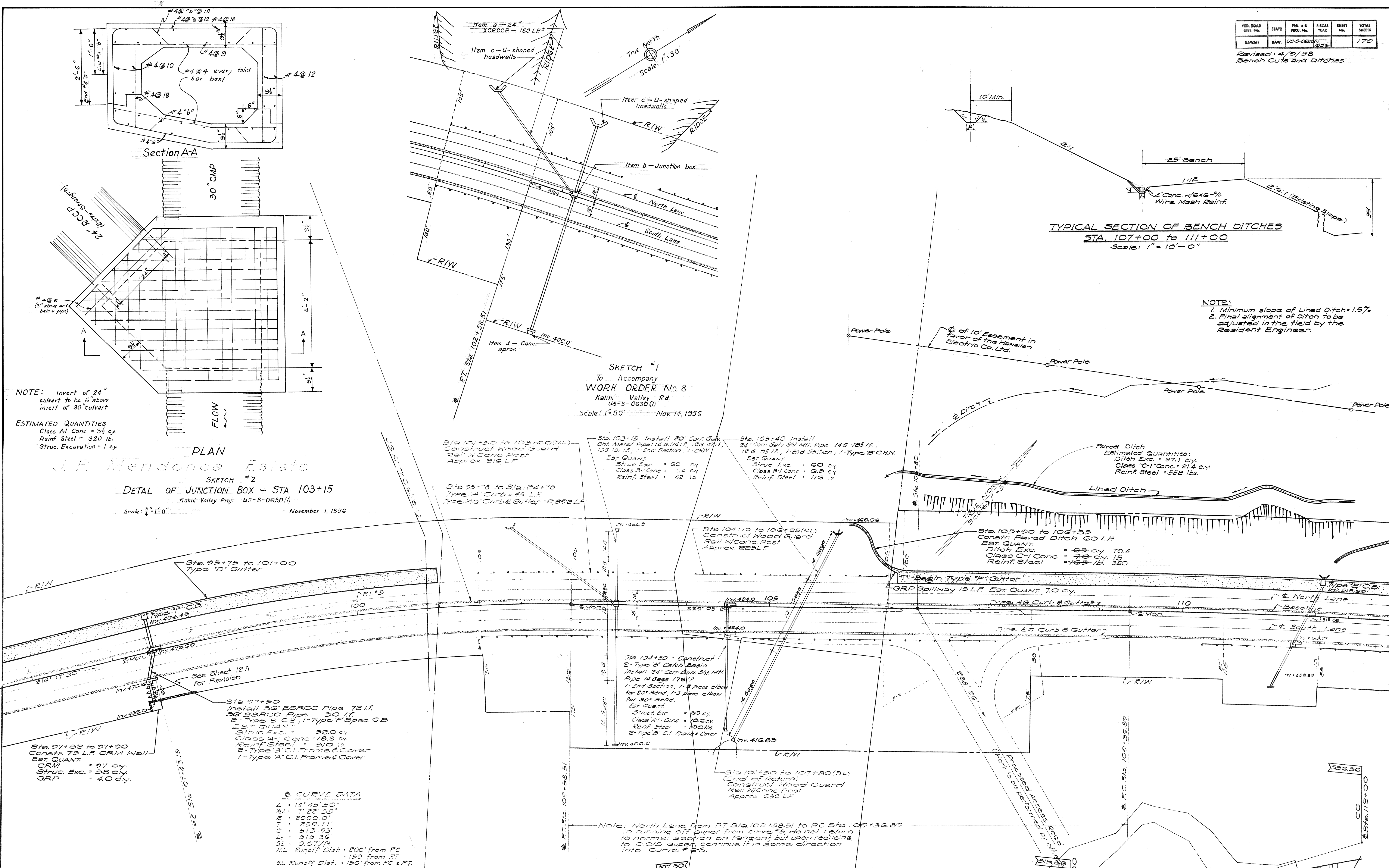
PLAN	DATE
SURVEYED	BY
NOTED	BY
ALIGNED	BY
CHECKED	BY
NO.	BY

PROFILE	DATE
SURVEYED	BY
NOTED	BY
GRADES CHECKED	BY
NO.	BY



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	MAW.	US-5-0630(1)	1958	170	170

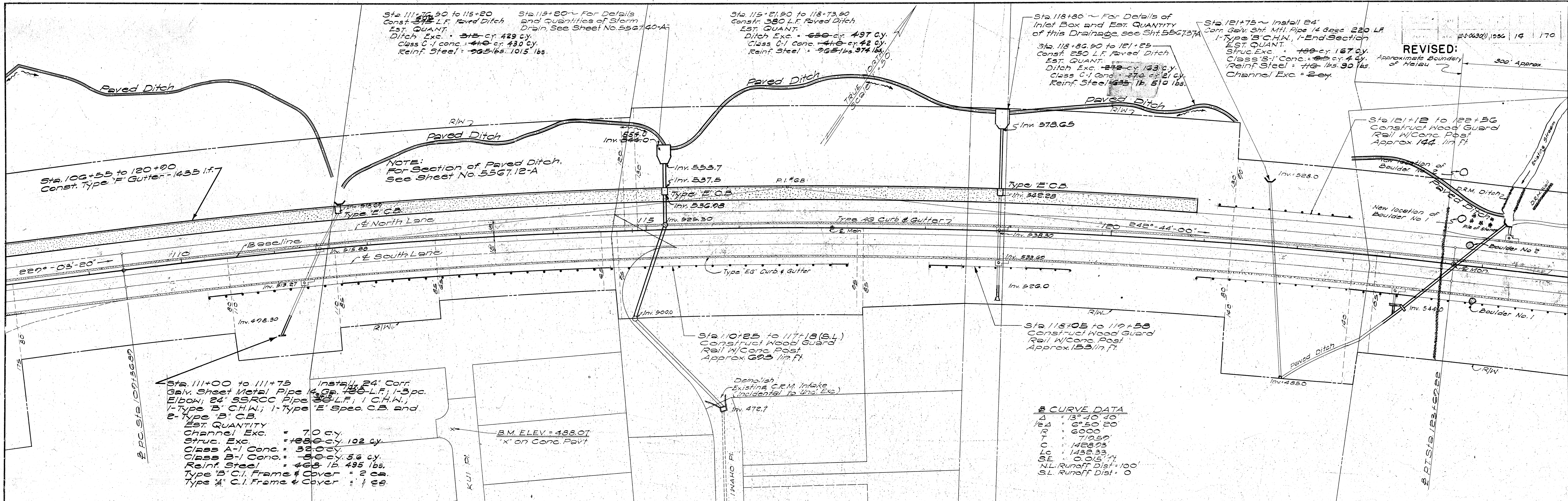
Revised: 4/2/58
Bench Cuts and Ditches



PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
ALIGNED		
CHECKED		
PT. OF WAY		
CHECKED		

5567.1313

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



PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	8 M.S. NOTED		
NO.	STRUCTURE NOTATIONS CH'KD.		

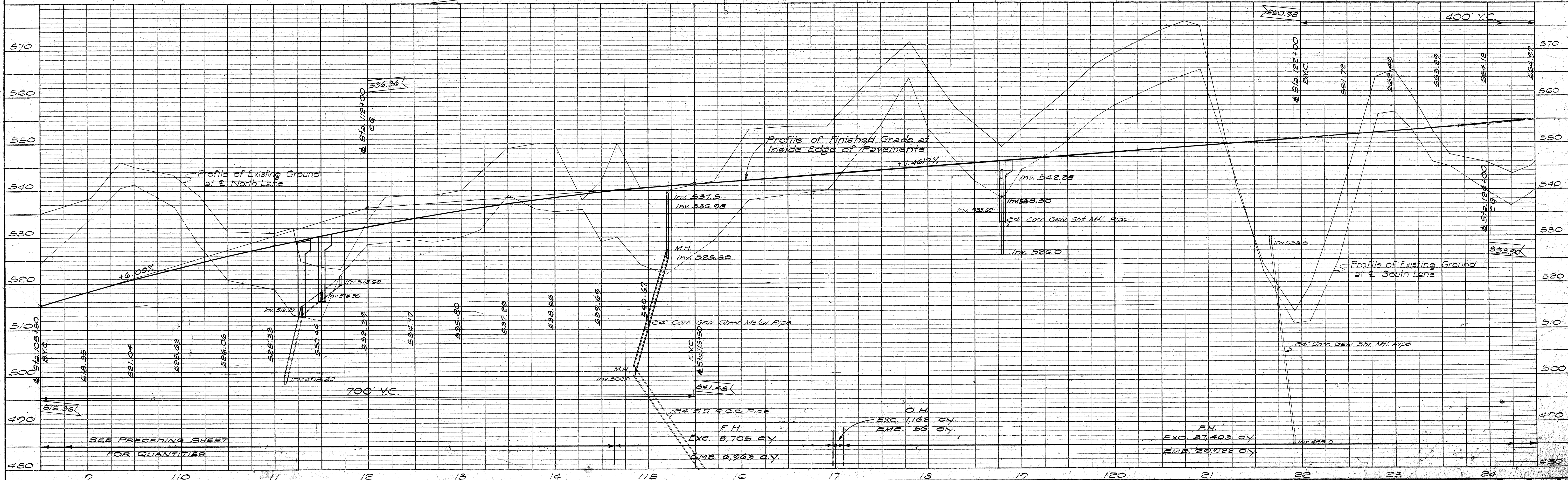


PLATE 1-PLAN-PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

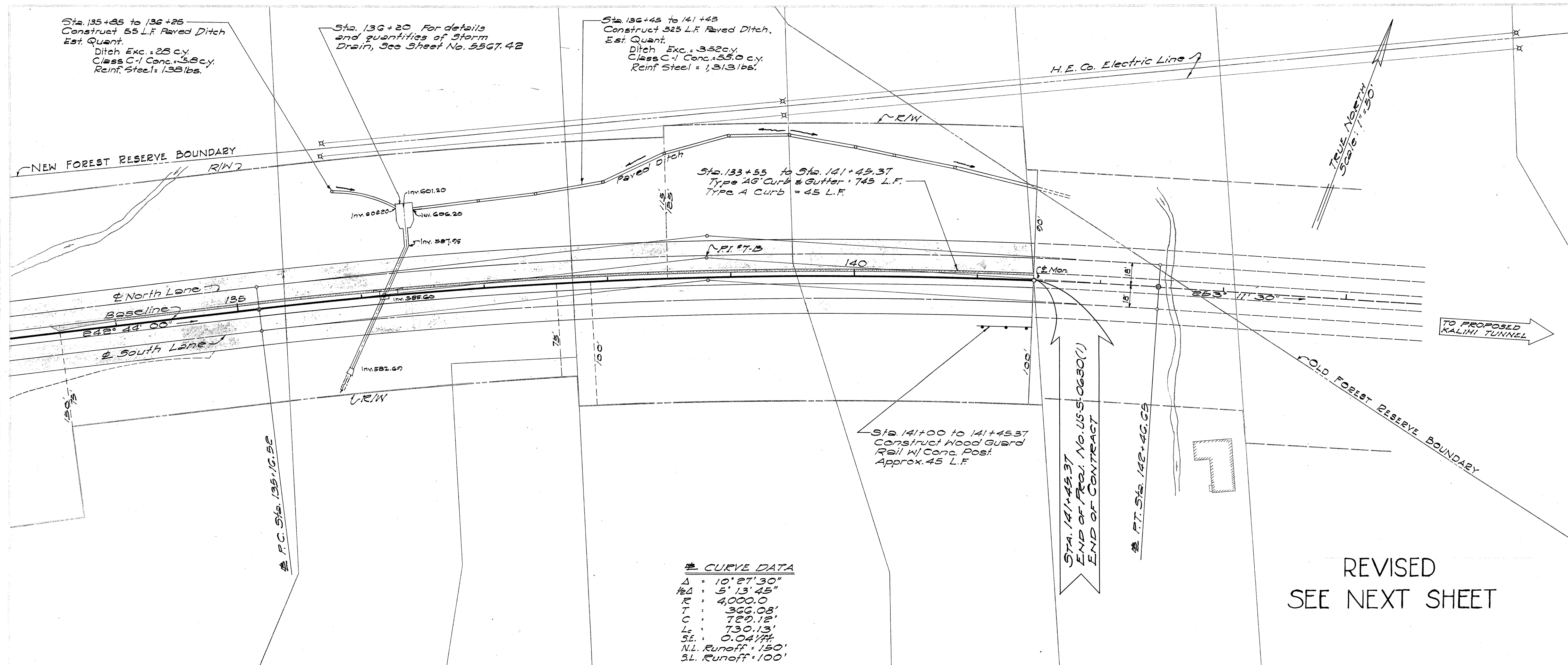
5567.14A

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
GRADES CHECKED		
B. M'S NOTED		
NO.		
STRUCTURE NOTATIONS CH'KD.		



5567.15A

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	US-S-0630(1)	1954	16	170



- GENERAL NOTES**
1. All Manholes within the roadway prism shall be adjusted to new grades as directed by the Engineer.
 2. Location of Underground Utilities shown on the plans are approximate only. Contractor shall verify locations of same.
 3. Top slab of Catch Basin shall be sloped to the finished grades of sidewalk, shoulder or median strip.
 4. Concrete Curb Transition where type of curb changes or where curb is adjacent to Catch Basins shall be not less than 10'-0" to Catch Basins shall be not less than 10'-0".
 5. Location and Invert of Drainage Structures shall be adjusted to meet field conditions.
 6. All Buildings shall be demolished by the Contractor as incidental to Undersigned Excavation.
 7. Azimuths referred to Mokuauia Δ.
 8. Bench Marks referred to mean sea level datum.

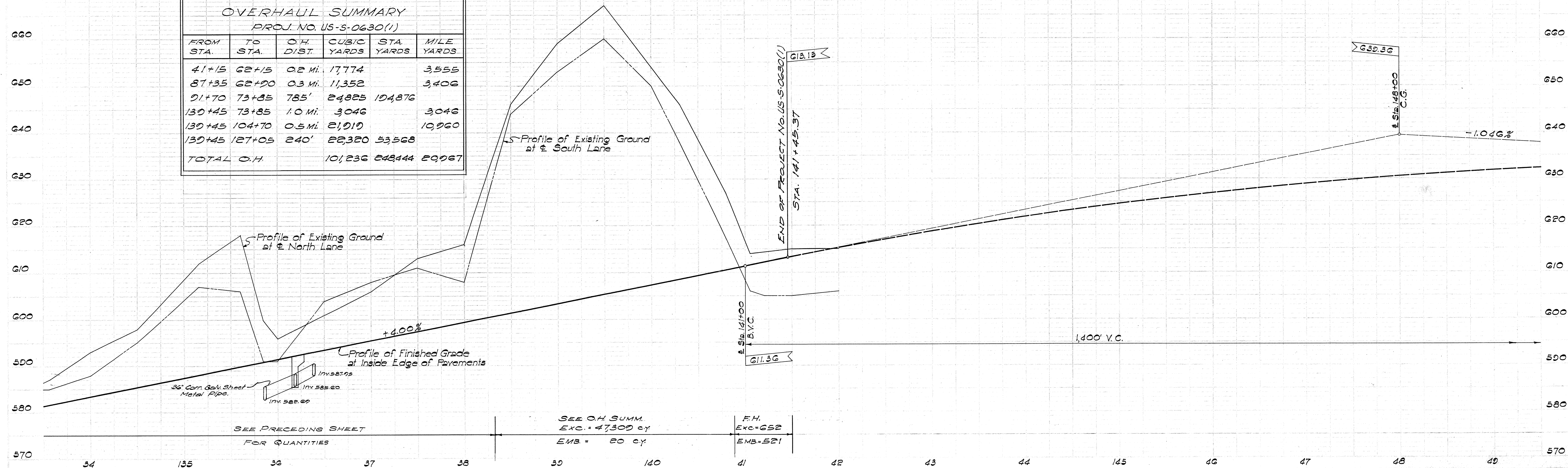
CURVE DATA

Δ	10° 27' 30"
RA	5' 13' 45"
TR	4,000.0'
TC	366.08'
LC	789.12'
LS	730.13'
SE	0.041%
N.L. Runoff	150'
S.L. Runoff	100'

REVISED
SEE NEXT SHEET

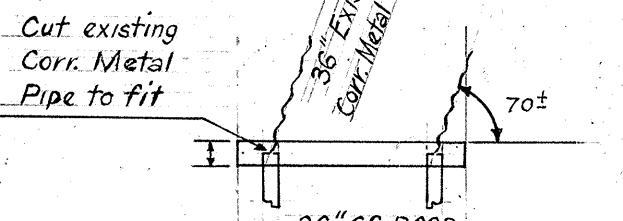
OVERHAUL SUMMARY
PROJ. NO. US-S-0630(1)

FROM STA.	TO STA.	O.H. DIST.	CUBIC YARDS	STA. YARDS	MILE YARDS
41+15	62+15	0.2 Mi.	17,774		3,555
87+35	62+00	0.3 Mi.	11,352		3,406
91+70	73+85	785'	24,825	104,876	
130+45	73+85	1.0 Mi.	3,046		3,046
130+45	104+70	0.5 Mi.	2,010		10,960
130+45	127+05	240'	22,320	53,568	
TOTAL O.H.			10,236	248,444	60,967

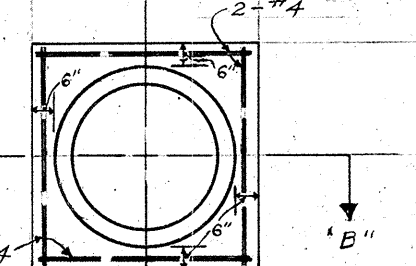


GENERAL NOTES

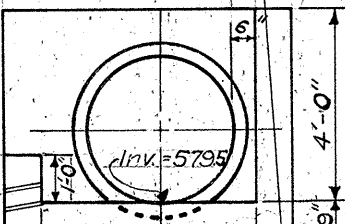
1. All Manholes within the roadway prism shall be adjusted to new grades as directed by the Engineer.
2. Location of Underground Utilities shown on the plans are approximate only. Contractor shall verify locations of same.
3. Top slab of Catch Basin shall be sloped to the finished grades of sidewalk, shoulder or median strip.
4. Concrete Curb Transition where type of curb changes or where curb is adjacent to Catch Basins shall be not less than 10'-0".
5. Location and Invert of Drainage Structures shall be adjusted to meet field conditions.
6. All Buildings shall be demolished by the Contractor as incidental to Unclassified Excavation.
7. Azimuths referred to Mokuaea Δ.
8. Bench Marks referred to mean sea level datum.



SECTION "B-B"



COLLAR DETAIL



SECTION "A-A"

PLAN 36" DRAIN OUTLET
Scale 1/4" = 1'-0"

CURVE DATA

Δ	10° 27' 30"
RA	5' 13' 45"
R	4000.0
L	366.08'
LC	720.12'
SL	730.13'
SL	0.0417%
N.L. Runoff	150'
S.L. Runoff	100'

OVERHAUL SUMMARY

PROJ. NO. US-S-0630(1)

FROM STA.	TO STA.	O.H. DIST.	CUBIC YARDS	STA. YARDS	MILE YARDS
41+15	62+15	0.2 MI.	17,774		3,555
87+35	62+20	0.3 MI.	11,352		3,406
91+70	73+85	0.8 MI.	24,825	104,876	
130+45	73+85	1.0 MI.	3,046		3,046
130+45	104+70	0.5 MI.	21,019		10,960
130+45	127+05	0.40	22,320	33,568	
TOTAL O.H.			101,236	643,444	29,967

Profile of Existing Ground at North Lane

Profile of Finished Grade at Inside Edge of Pavements

SEE PRECEDING SHEET FOR QUANTITIES

900' Y.C.

O.H. EXC. 11,287 CY
EMB. 130 CY

F.H. EXC. 4,169 CY
EMB. 3,947 CY