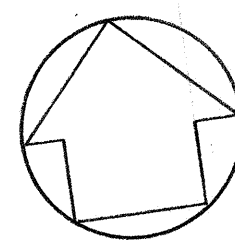


1. The Contractor shall be responsible for removing the sprinkler heads, valves and plastic pipes as shown on the plans.
2. The Contractor shall be responsible for any adjustment necessary to maintain the service of the remaining sprinkler systems.
3. Sprinkler heads, valves and plastic pipes shall be stockpiled at the Highway Lighting Sub-Station located in the vicinity of University Avenue, and will be paid for under Section 102 Sprinkler System.

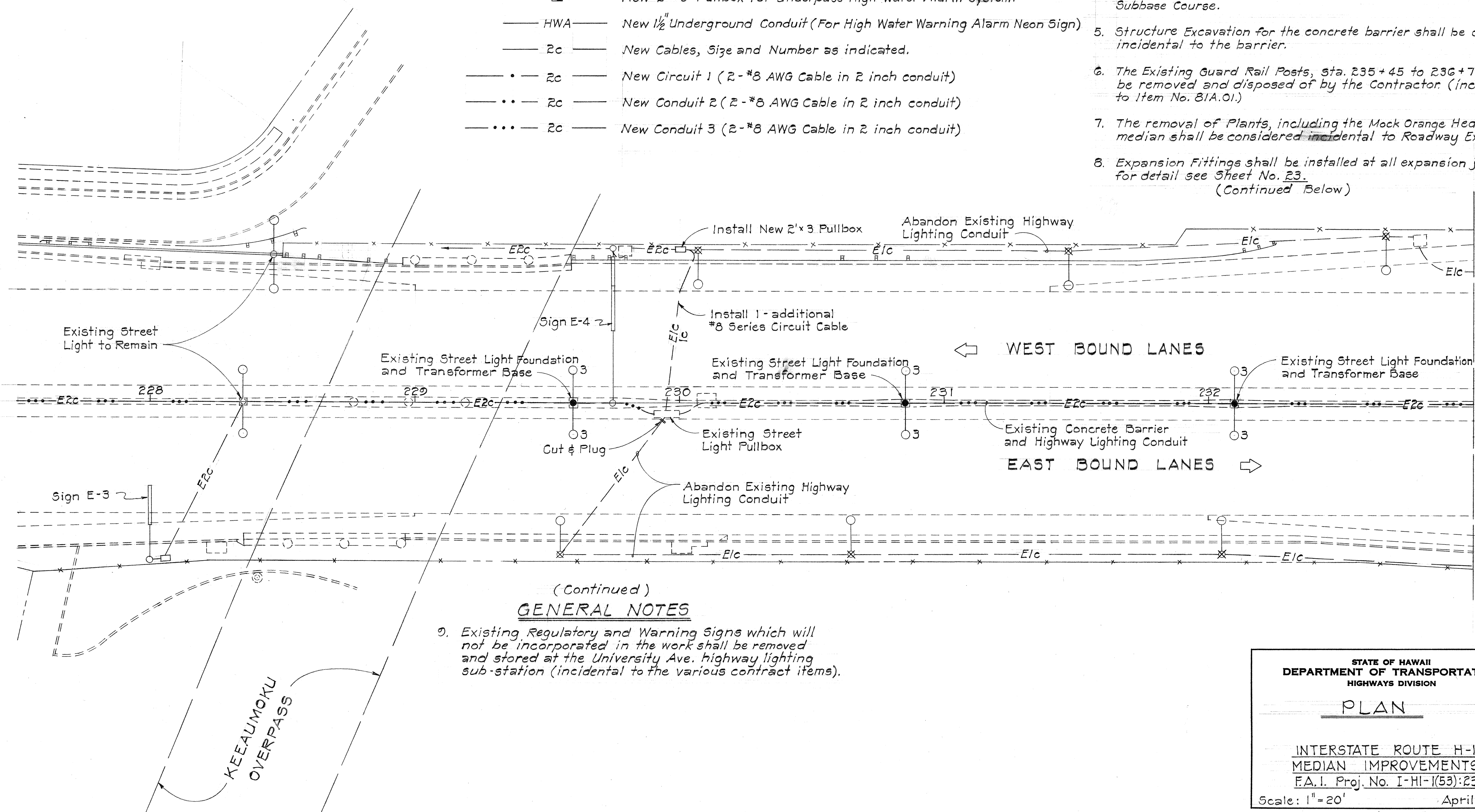


	Two Luminaires on one metal lamp post, each with a 12' bracket. Numerals indicates circuit to which connected.
	Two Luminaires on one metal lamp post, each with a 12' bracket. Numerals indicates circuit to which connected. (Between Sta. 220+60± to Sta. 234+00±)
	Existing Street Light Standard to Remain.
	Existing Street Light Standard to be Removed.
	400 Watt Mercury Vapor Luminaire.
	New Street Light Standard
	New 2' x 3' Pullbox for Highway Lighting System.
	New 2' x 3' Pullbox for Underpass High Water Alarm System.
	New 1 1/2" Underground Conduit (For High Water Warning Alarm Neon Sign)
	New Cables, Size and Number as indicated.
	New Circuit 1 (2-*8 AWG Cable in 2 inch conduit)
	New Conduit 2 (2-*8 AWG Cable in 2 inch conduit)
	New Conduit 3 (2-*8 AWG Cable in 2 inch conduit)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(53)-73	1969	2	39

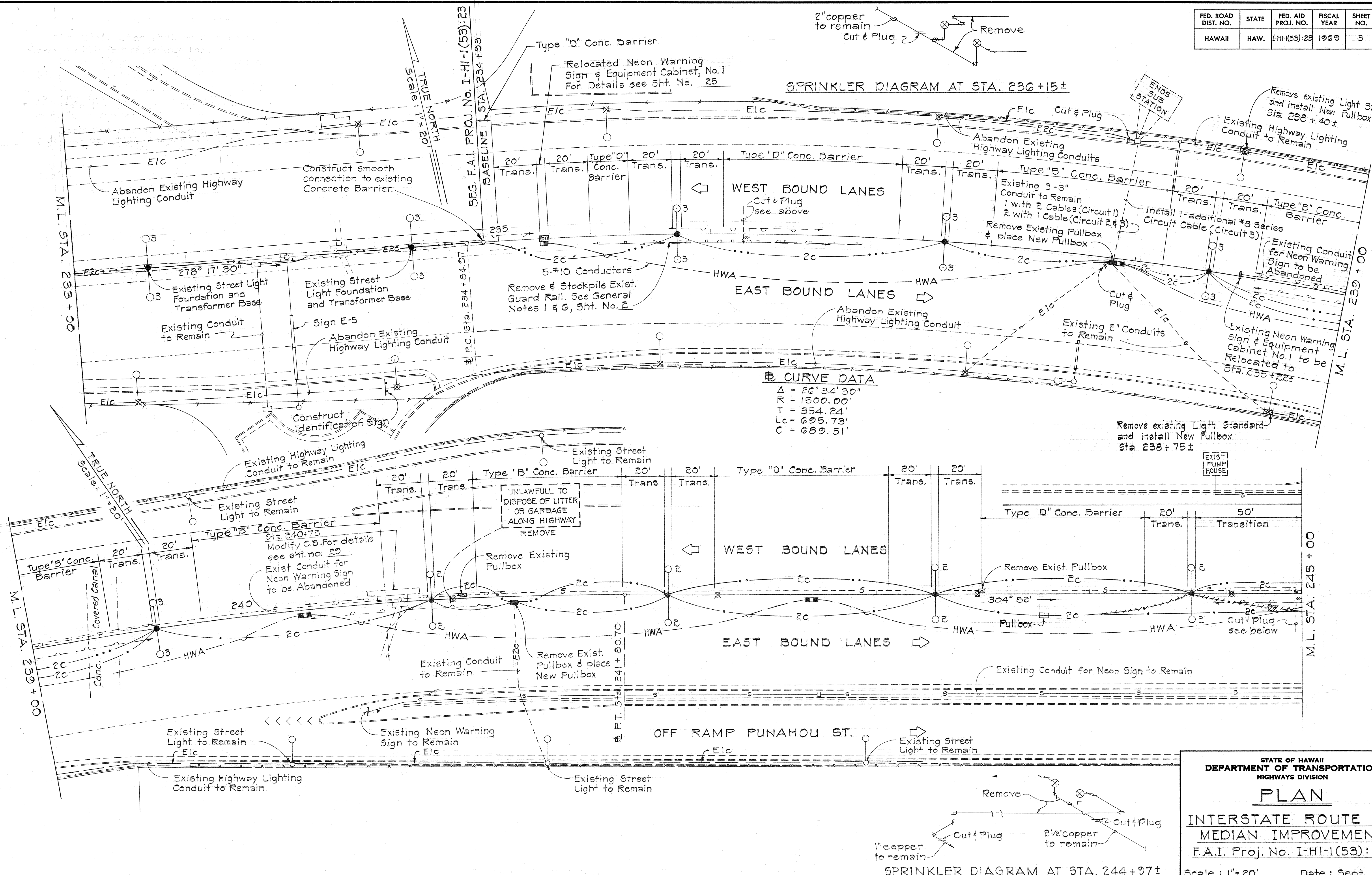
1. The Existing Chain Link Fence and Appurtenances and the Metal Guard Rail within the construction limits in the median, shall be stockpiled at the University Ave. highway lighting sub-station, left of baseline sta. 14+70.
2. The Existing Chain Link Fence Posts shall be disposed of by the Contractor. (Incidental to Item No. 82A.01)
3. For summary of Estimated Quantities for concrete barrier, see Sheet No. 14.
4. Roadway Excavation shall include the area needed to construct the A.C. Pavement, Untreated Base Course and the Select Borrow Subbase Course.
5. Structure Excavation for the concrete barrier shall be considered incidental to the barrier.
6. The Existing Guard Rail Posts, sta. 235+45 to 236+70, shall be removed and disposed of by the Contractor. (Incidental to Item No. 81A.01.)
7. The removal of Plants, including the Mock Orange Hedge in the median shall be considered incidental to Roadway Excavation.
8. Expansion Fittings shall be installed at all expansion joints. for detail see Sheet No. 23.

(Continued Below)



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.	IHI-1(53):23	1968	3	30



CURVE DATA
 $\Delta = 26^{\circ} 34' 30''$
 $R = 1500.00'$
 $T = 354.24'$
 $L_c = 695.73'$
 $C = 689.51'$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

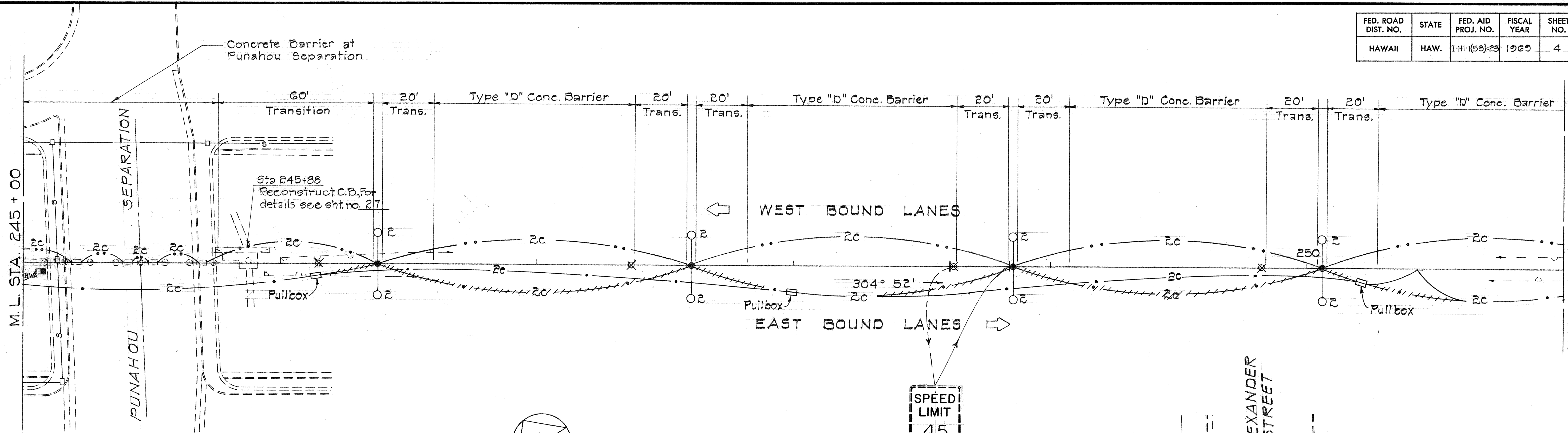
PLAN

INTERSTATE ROUTE H-1
MEDIAN IMPROVEMENT
F.A.I. Proj. No. I-HI-1(53): 23

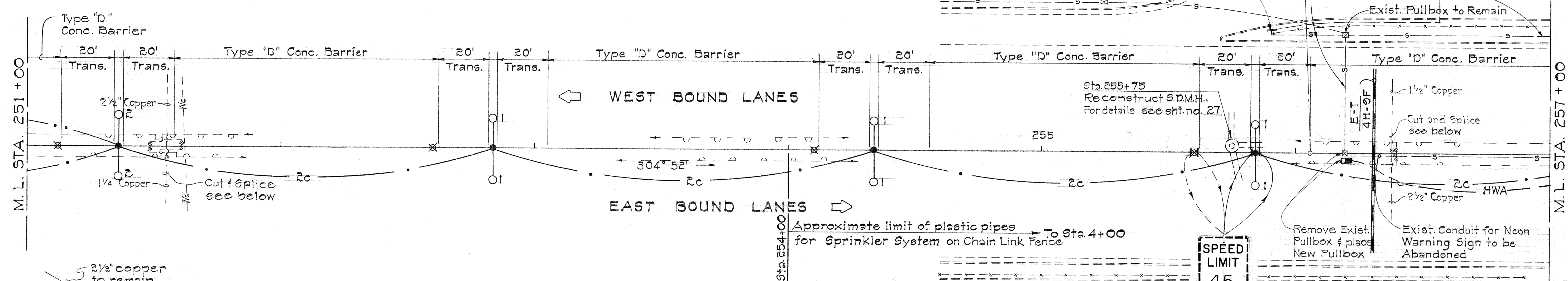
Scale: 1"=20' Date: Sept., 1968
SHEET No. 2 OF 7 SHEETS

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
APPROVED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(53):23	1968	4	30



For Concrete Barrier Details at Punahou Separation See Sheet No. 13



SPRINKLER DIAGRAM AT STA. 251 + 55

SPRINKLER DIAGRAM AT STA. 256 + 38±

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

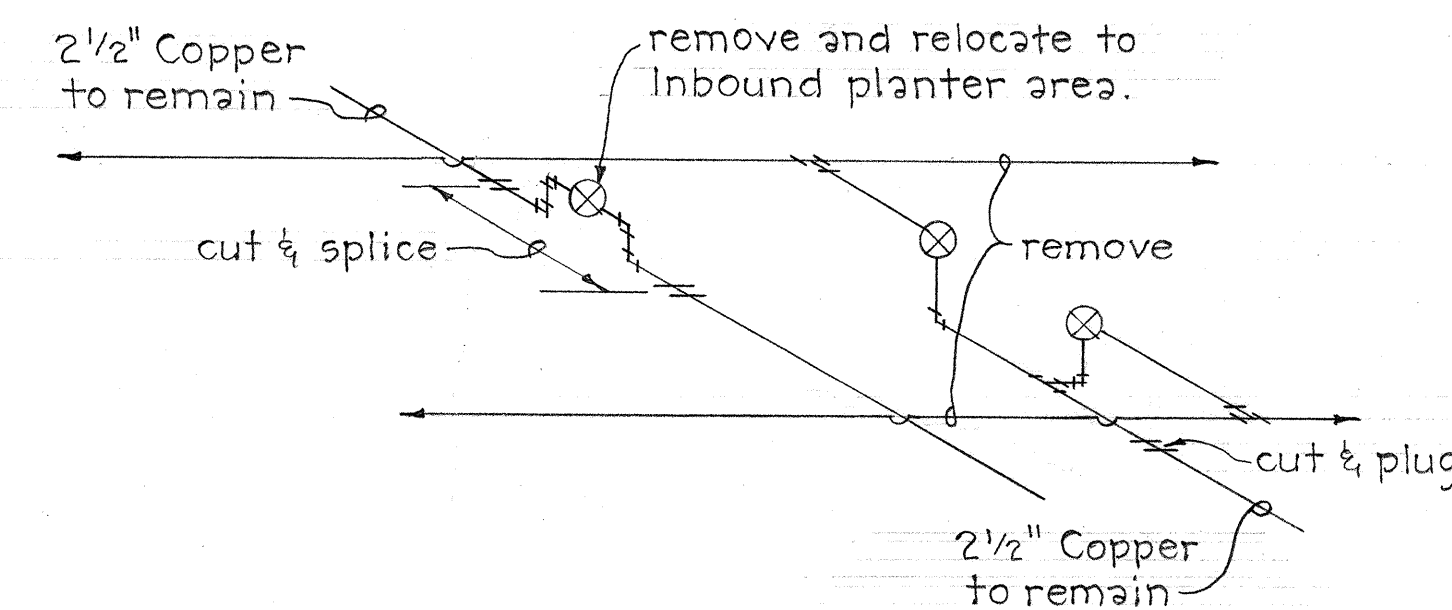
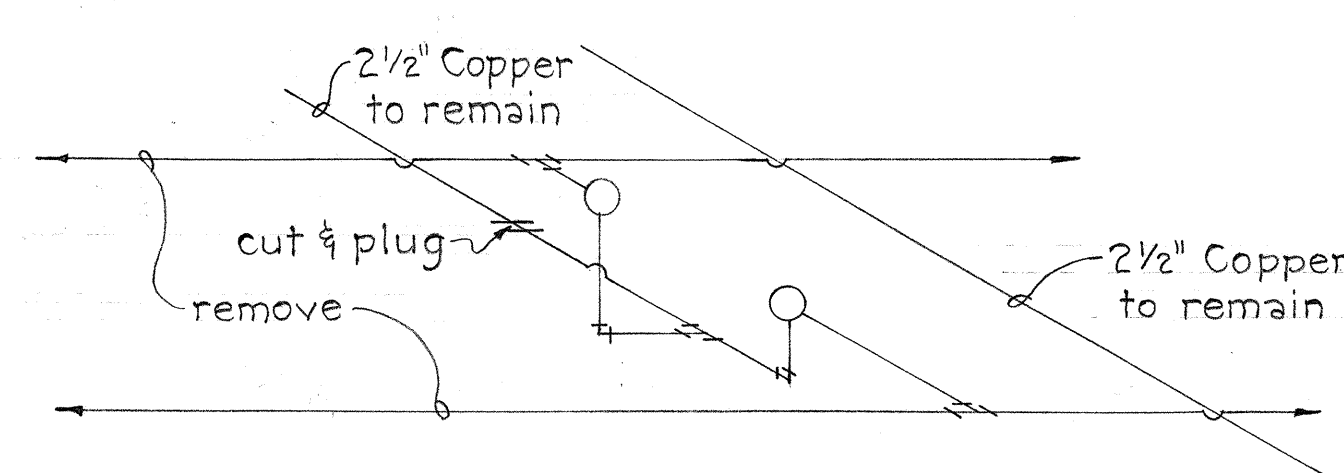
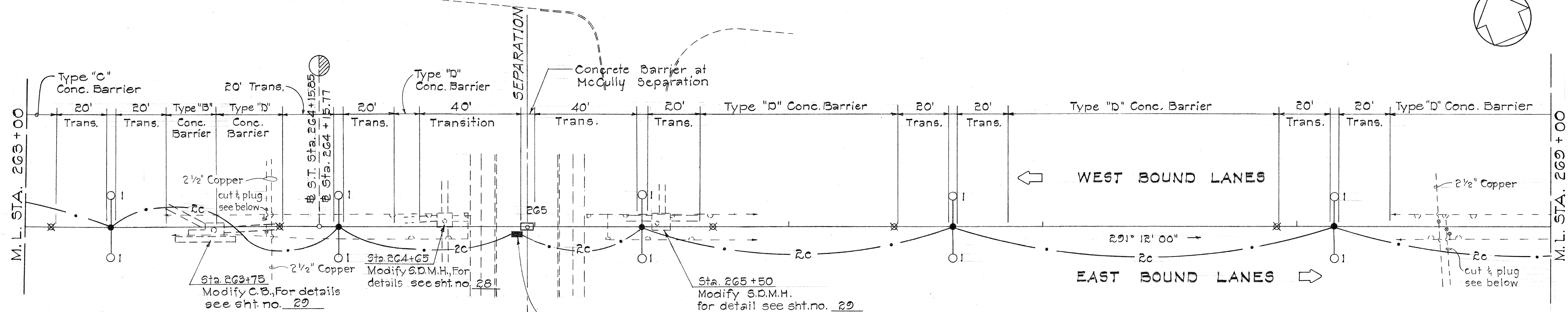
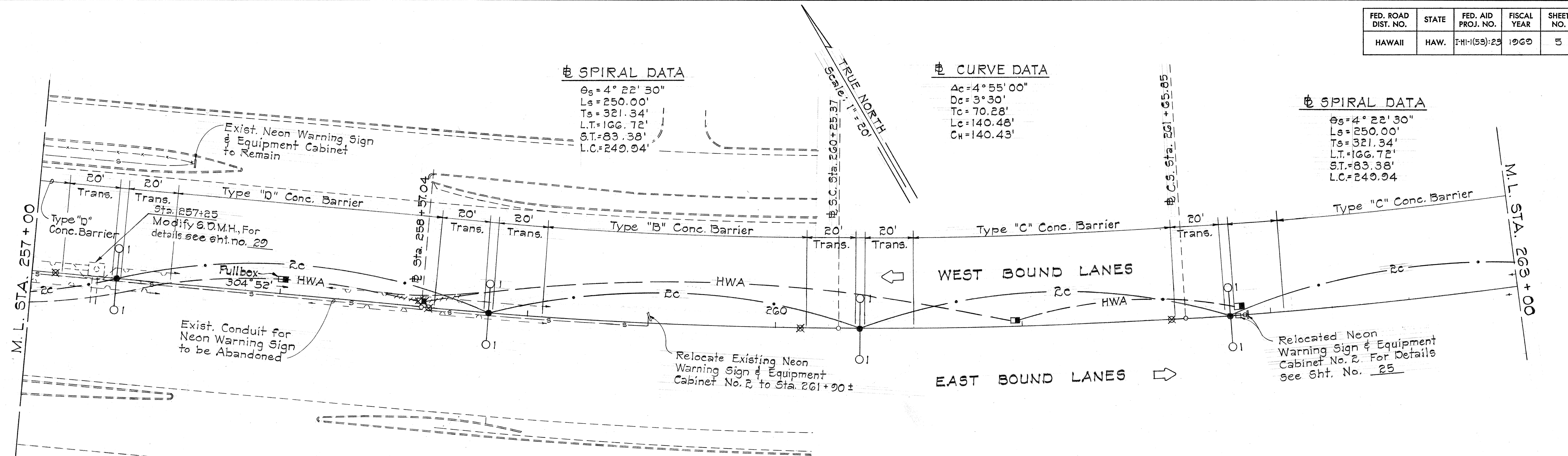
PLAN

INTERSTATE ROUTE H-1
MEDIAN IMPROVEMENT
F.A.I. Proj. No. I-HI-1(53): 23

Scale: 1"=20' Date: Sept. 1968
SHEET No. 3 OF 7 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(53):23	1969	5	30



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

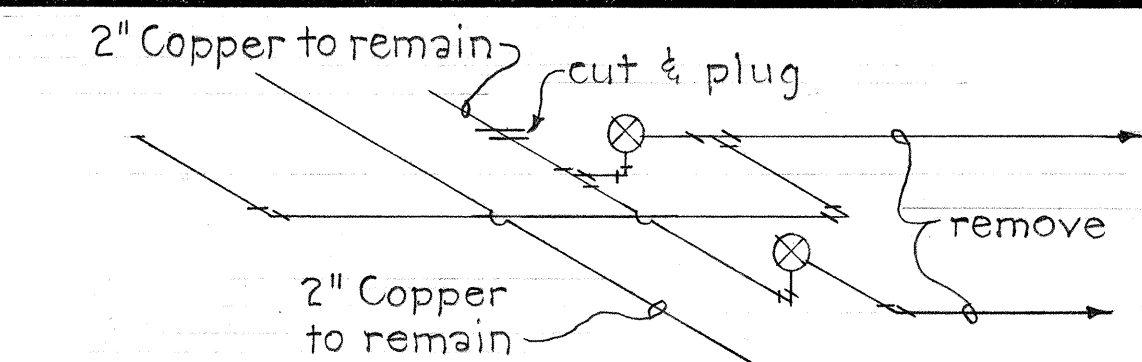
PLAN

INTERSTATE ROUTE H-1
MEDIAN IMPROVEMENT
F.A.I. Proj. No. I-H-1(53):23

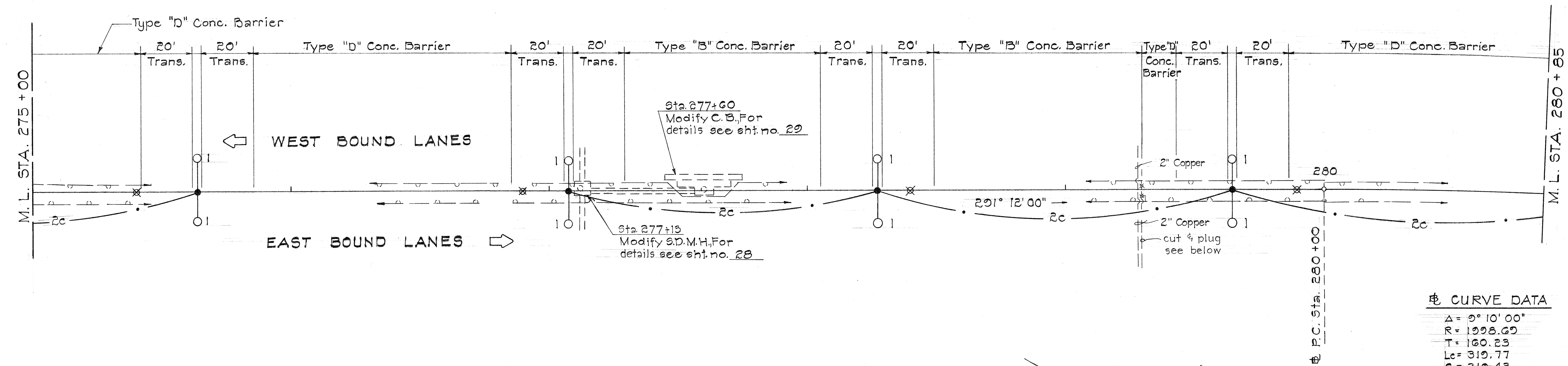
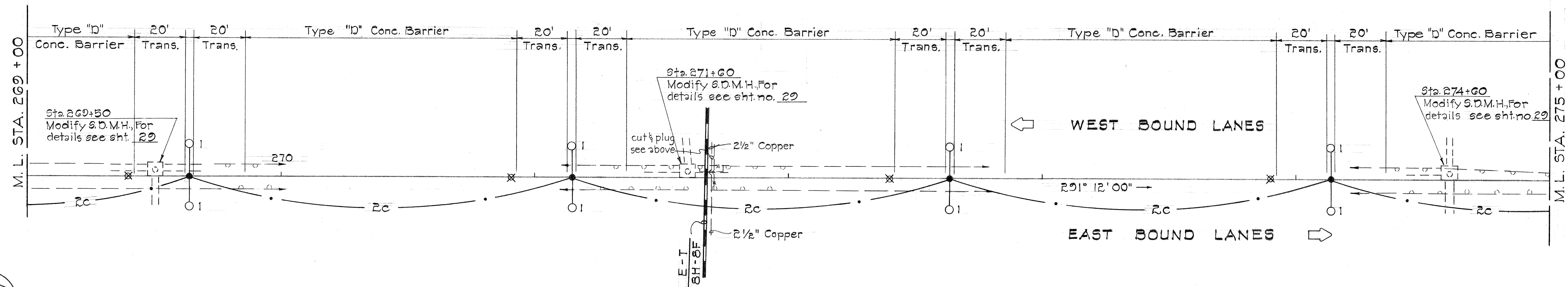
Scale: 1"=20' Date: Sept., 1968
SHEET No. 4 OF 7 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(53):23	1968	6	39

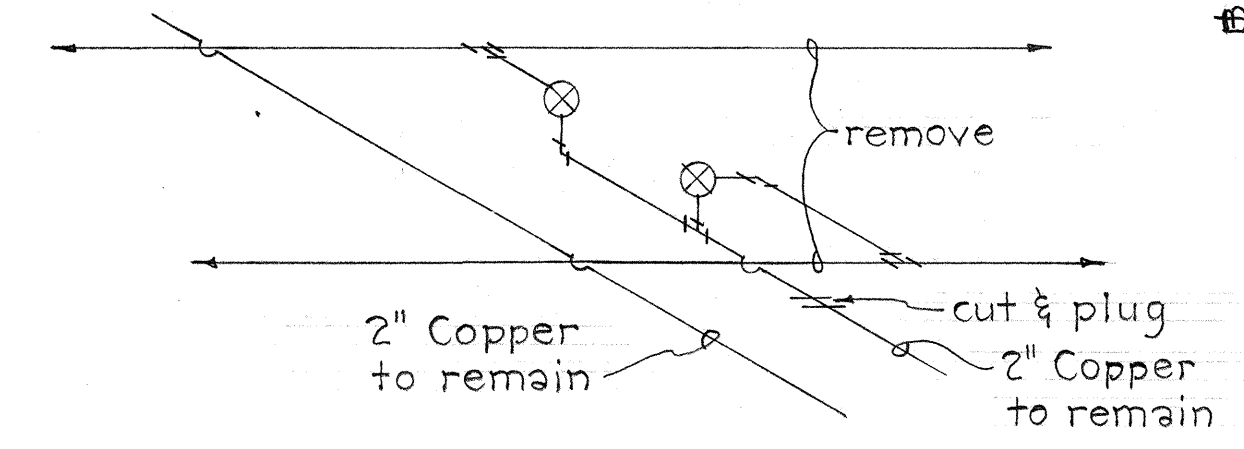


SPRINKLER DIAGRAM AT STA. 271+70±



CURVE DATA

$\Delta = 9^{\circ} 10' 00''$
$R = 1328.60$
$T = 160.23$
$L_c = 319.77$
$C = 319.43$



SPRINKLER DIAGRAM AT STA. 279+30±

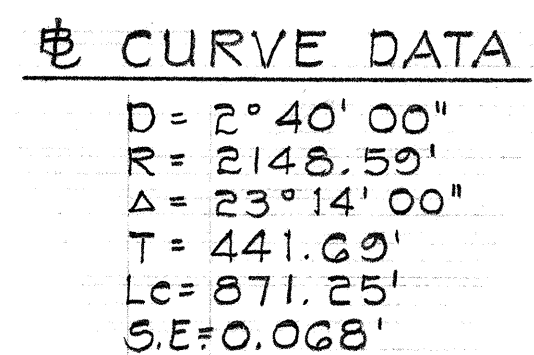
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

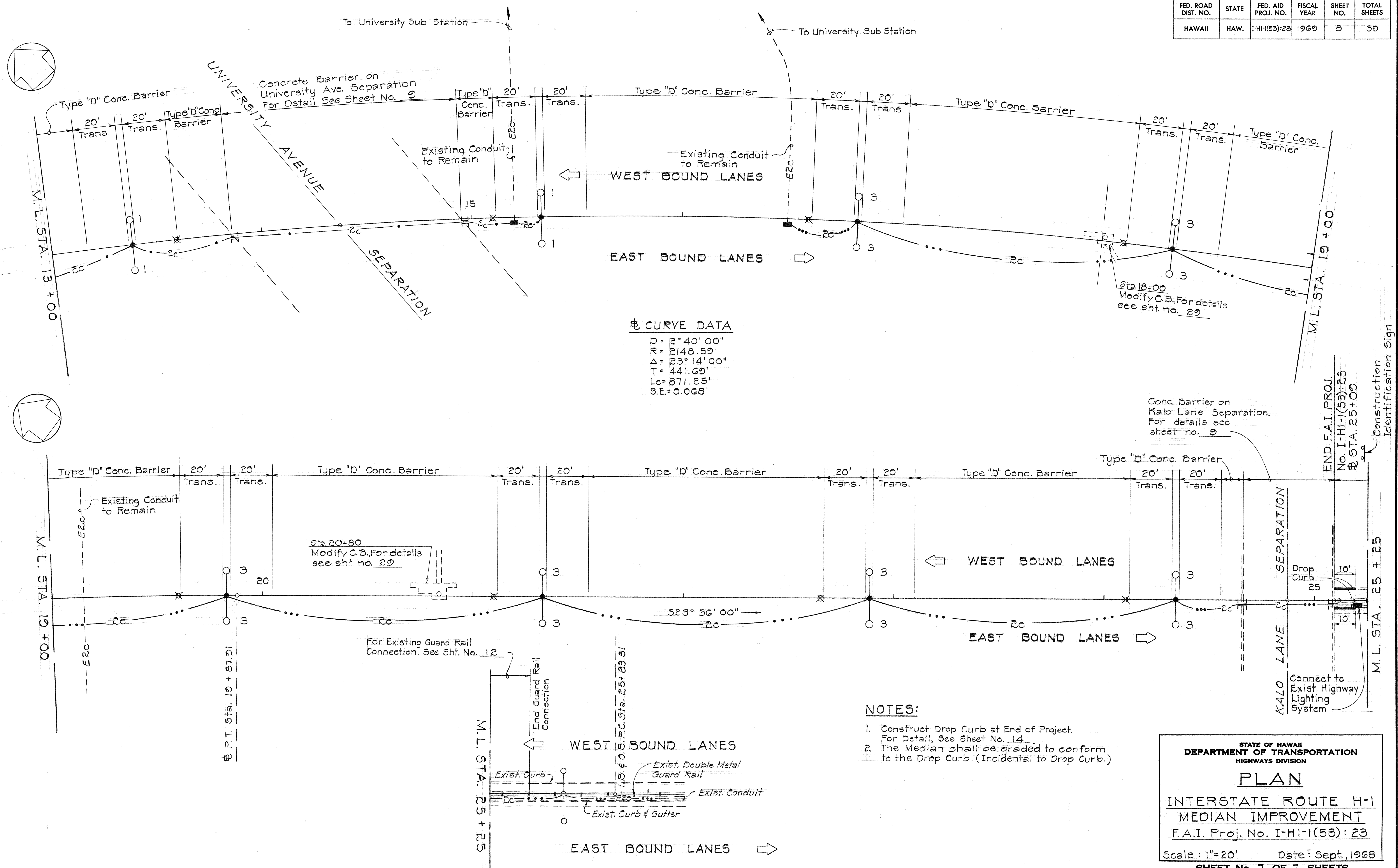
INTERSTATE ROUTE H-1
MEDIAN IMPROVEMENT
F.A.I. Proj. No. I-H-1(53):23
Scale: 1"=20' Date: Sept., 1968
SHEET No. 5 OF 7 SHEETS

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



PRINTED ON NO. 1000H CLEARPRINT

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



NOTES:

1. Construct Drop Curb at End of Project.
For Detail, See Sheet No. 14.
2. The Median shall be graded to conform
to the Drop Curb. (Incidental to Drop Curb.)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE ROUTE H-1
MEDIAN IMPROVEMENT
F.A.I. Proj. No. I-HI-1(53): 23

Scale: 1"=20' Date: Sept. 1968

SHEET No. 7 OF 7 SHEETS