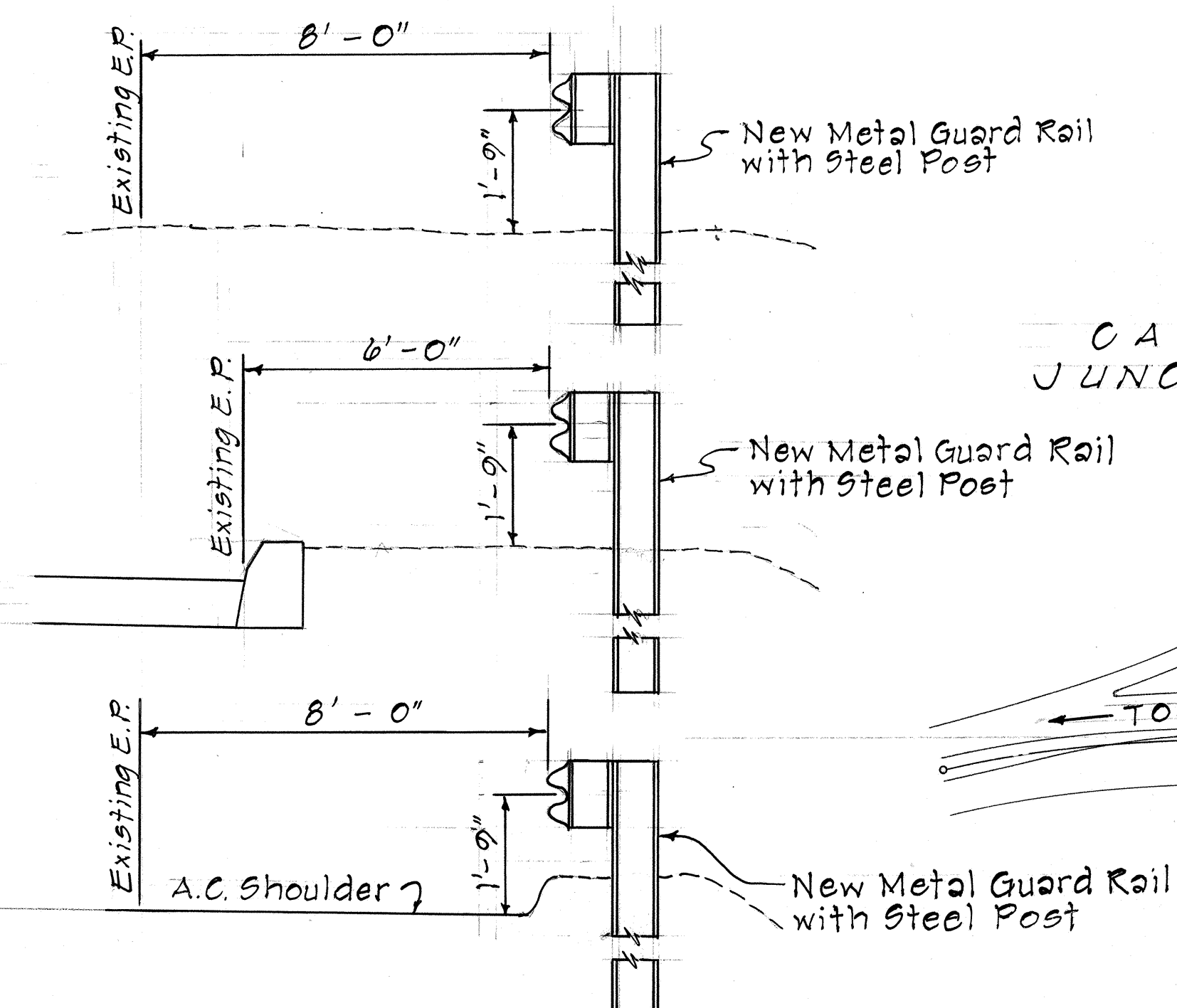


GENERAL NOTES

1. Replace all existing Wood Guard Rails with new Metal Guard Rails and Steel Posts as shown on plans (All Steel Posts shall be 5'-9" except where specified).
2. Removal of existing Wood Guard Rails shall be incidental to new Metal Guard Rails. Wood Guard Rails shall become the property of the Contractor.
3. Approximately 570 salvaged Concrete Posts shall be hauled and stockpiled as specified in the Special Provisions or as directed by the Engineer.
4. The Contractor shall not remove existing Wood Guard Rails (1,000 Ft. Maximum) from more than one location at any time.
5. The location of all Underground Cables are approximate only. The Contractor shall notify Hawaiian Telephone Company (Mr. H. Honma @ 546-3605) one (1) week prior to installation of Guard Rails in area where Underground Cables are located for toning and marking. Any damage to existing Cables shall be repaired at the expense of the Contractor.
6. If Guard Rail Posts are installed in any Concrete Spillway Inlet, the Contractor shall provide a 10"x10" opening in the Concrete to be backfilled with 4" A.C. (Incidental New Metal Guard Rails) Maximum spacing of Guard Rail Posts at Spillway Inlet shall not exceed 12'-6".
7. Any double or triple Spacer Blocks required for non-standard setting of Steel Posts to clear obstructions shall be incidental to Guard Rails.
8. Any damage to existing Utilities as shown on Plans or otherwise shall be repaired at the expense of the Contractor.
9. The Contractor will coordinate work to be performed by others, including treatment of Shoulders, through the Project Engineer.



TYPICAL GUARD RAIL SECTIONS

Not To Scale

OUTBOUND GUARD RAILS TO BE INSTALLED FROM:

Sta. 212+14 to Sta. 221+40	1,341 L.F.
Sta. 222+90 to Sta. 224+00	
Sta. 228+50 to Sta. 231+55	
Sta. 224+00 to Sta. 228+50	450 L.F.
(Guard Rail with 8' Metal Posts)	
Anchor Blocks	4 Each

NO INBOUND GUARD RAILS OR ANCHOR BLOCKS TO BE INSTALLED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-72	1972	2	11

CASTLE JUNCTION

TO NUUANU

BEG. OF PROJ. NO. HWY-0-02-72
STA. 211+00

Reset Route Marker in back of new Metal Guard Rails

TRUE NORTH
SCALE: 1"=100'

Existing Guard Rails to remain

Type "C" Flare and bury into cut slope

INBOUND LANE

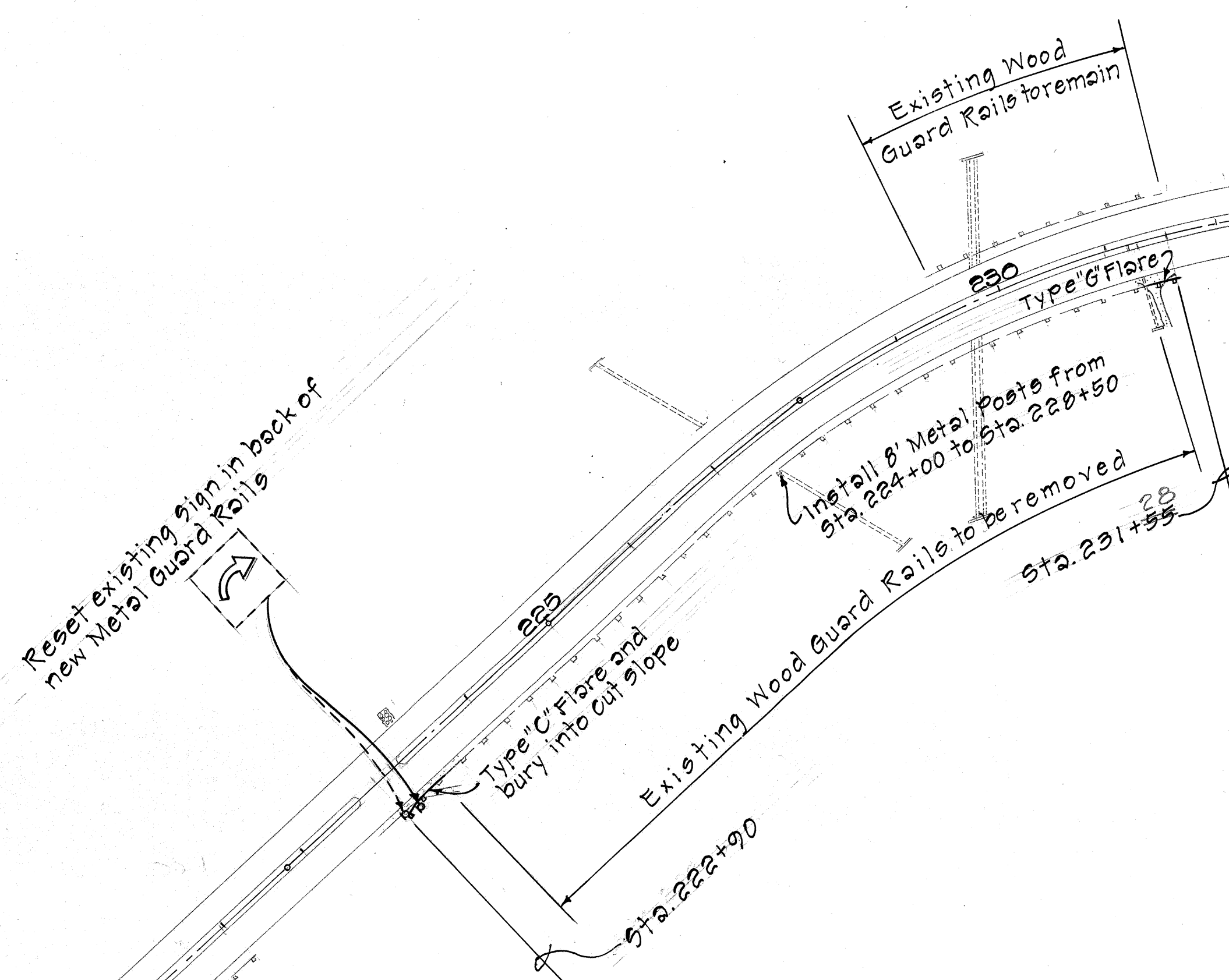
OUTBOUND LANE

Existing Wood Guard Rails to be removed

Sta. 212+14

Sta. 221+40

TRUE NORTH
SCALE: 1"=100'



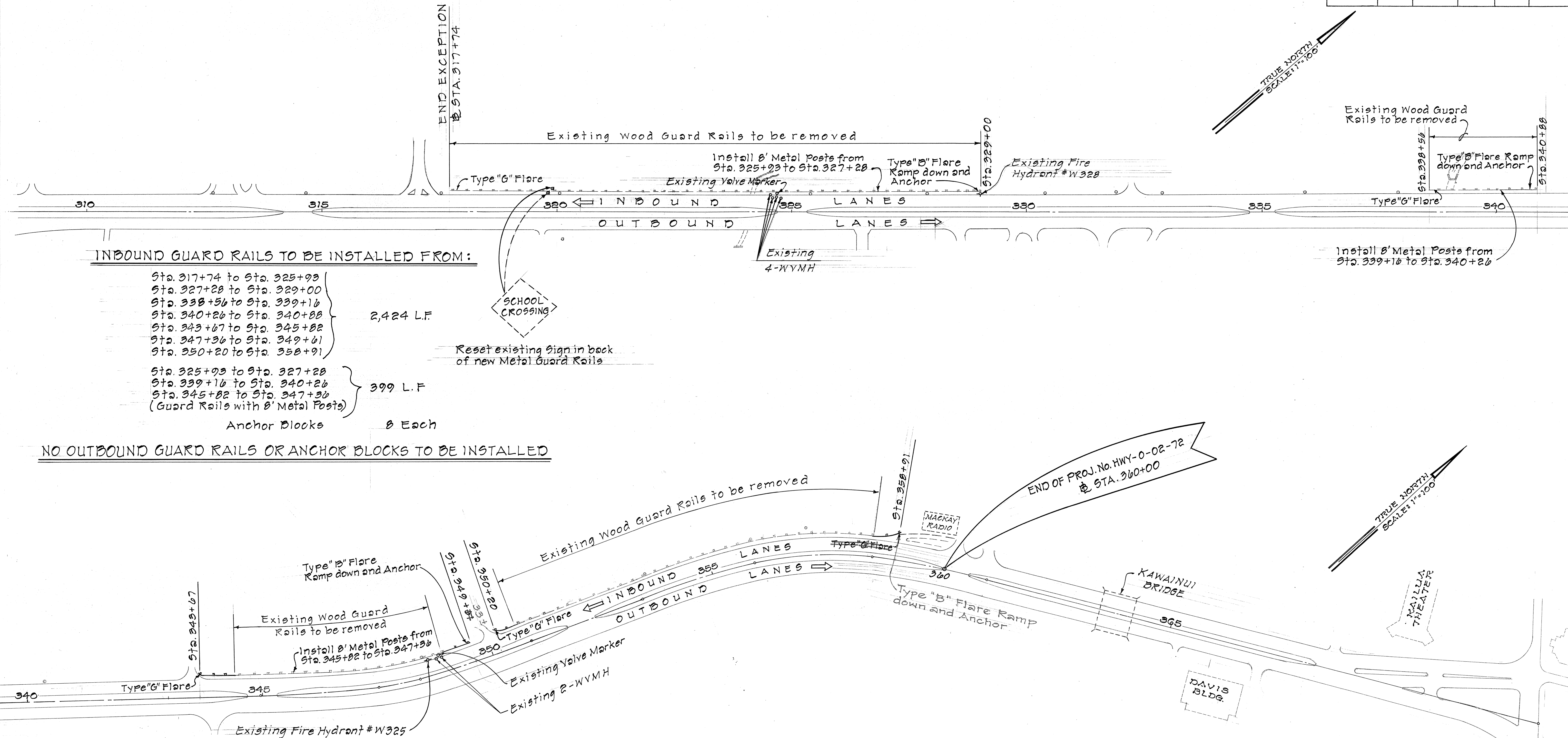
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

PROJECT NO. HWY-0-02-72

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-72	1972	4	11



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

PROJECT NO. HWY-0-02-72
SHEET No. 3 OF 3 SHEETS