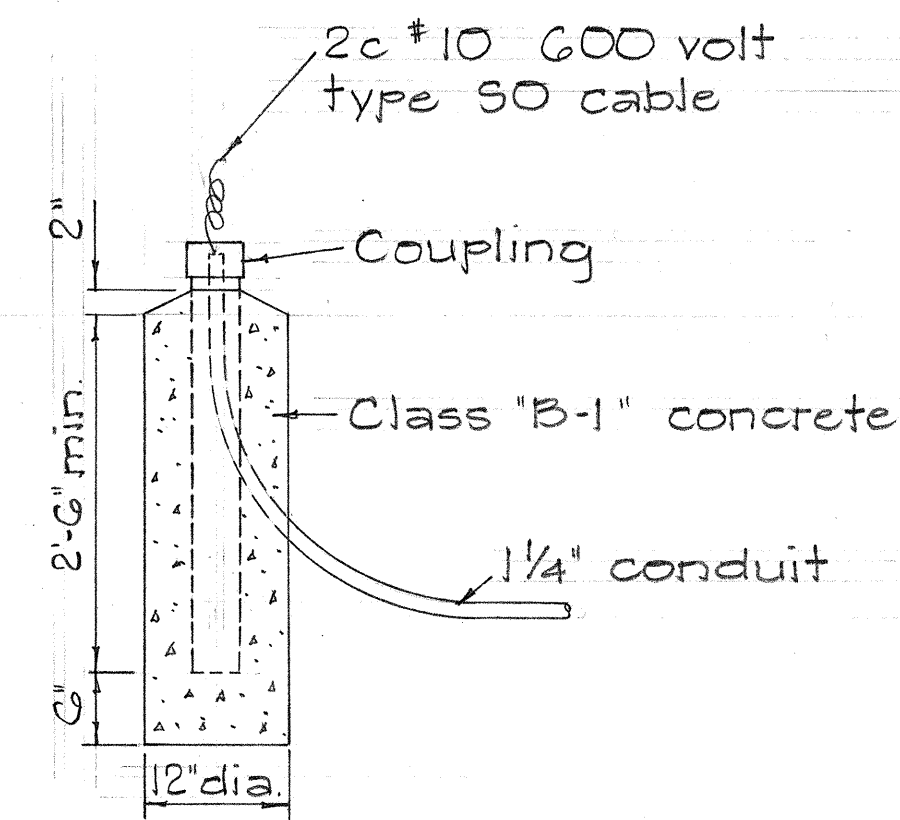
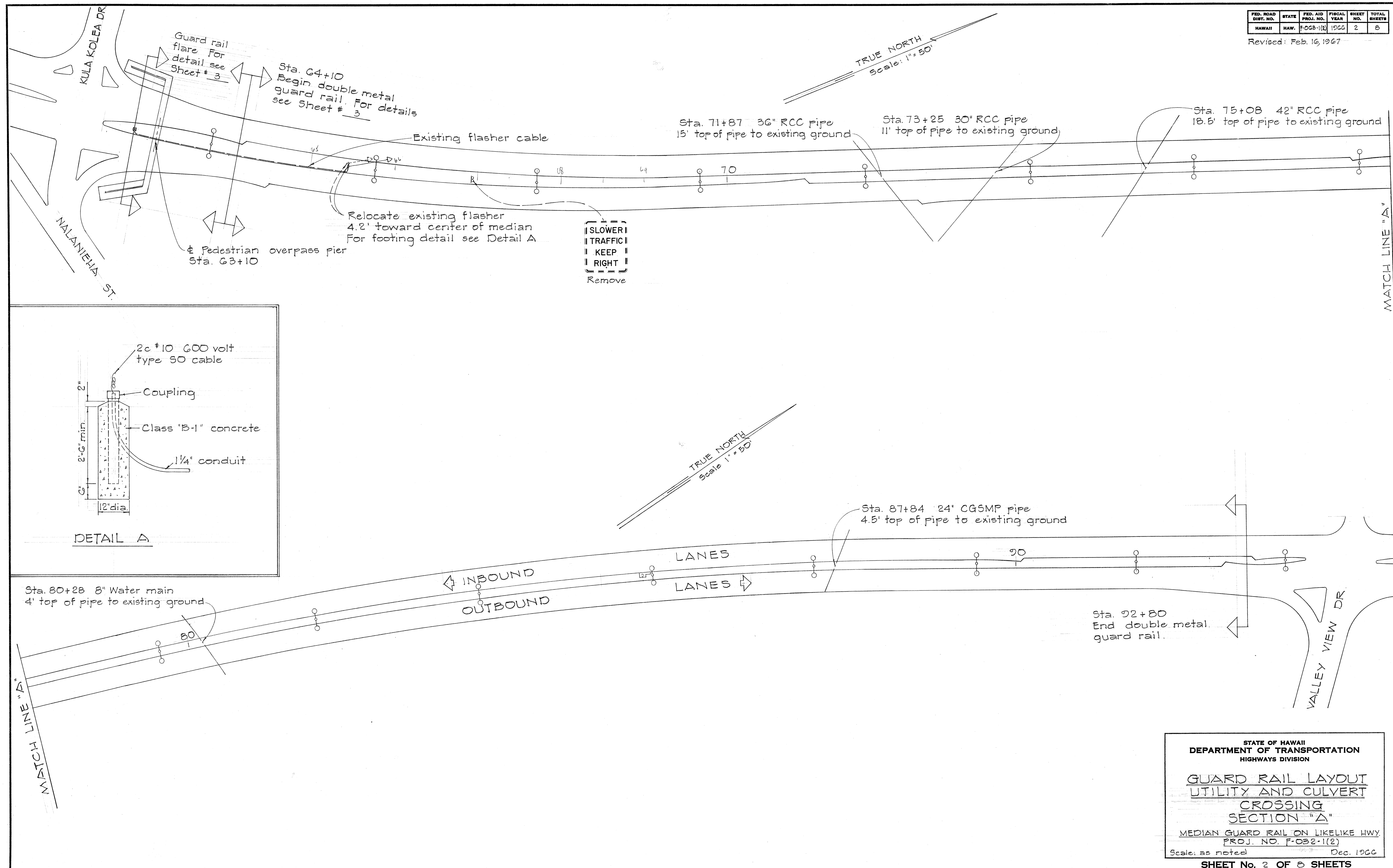


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-032-1(2)	1966	2	8

Revised: Feb. 16, 1967



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

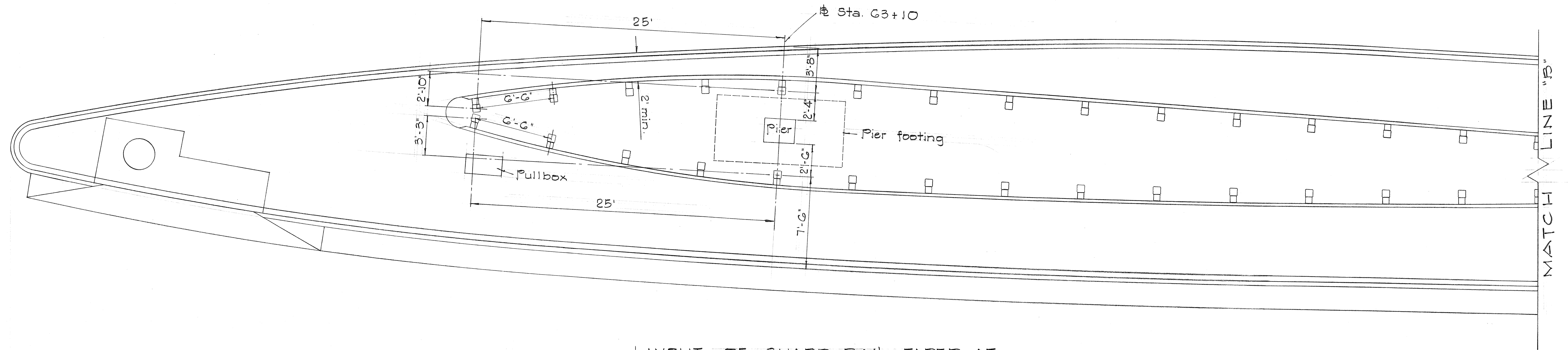
**GUARD RAIL LAYOUT
UTILITY AND CULVERT
CROSSING
SECTION "A"**

MEDIAN GUARD RAIL ON LIKELIKE HWY.
PROJ. NO. F-032-1(2)

Scale: as noted Dec. 1966

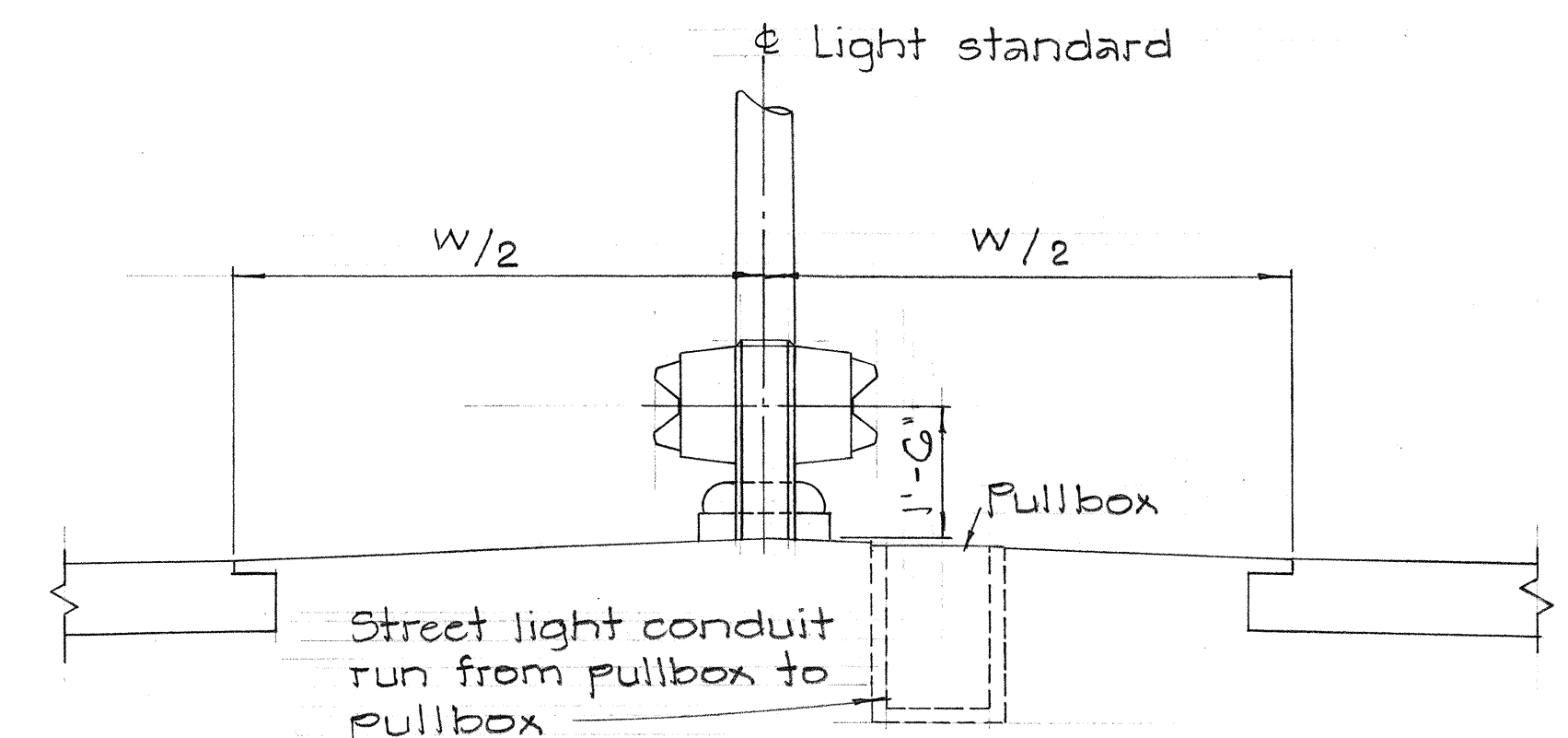
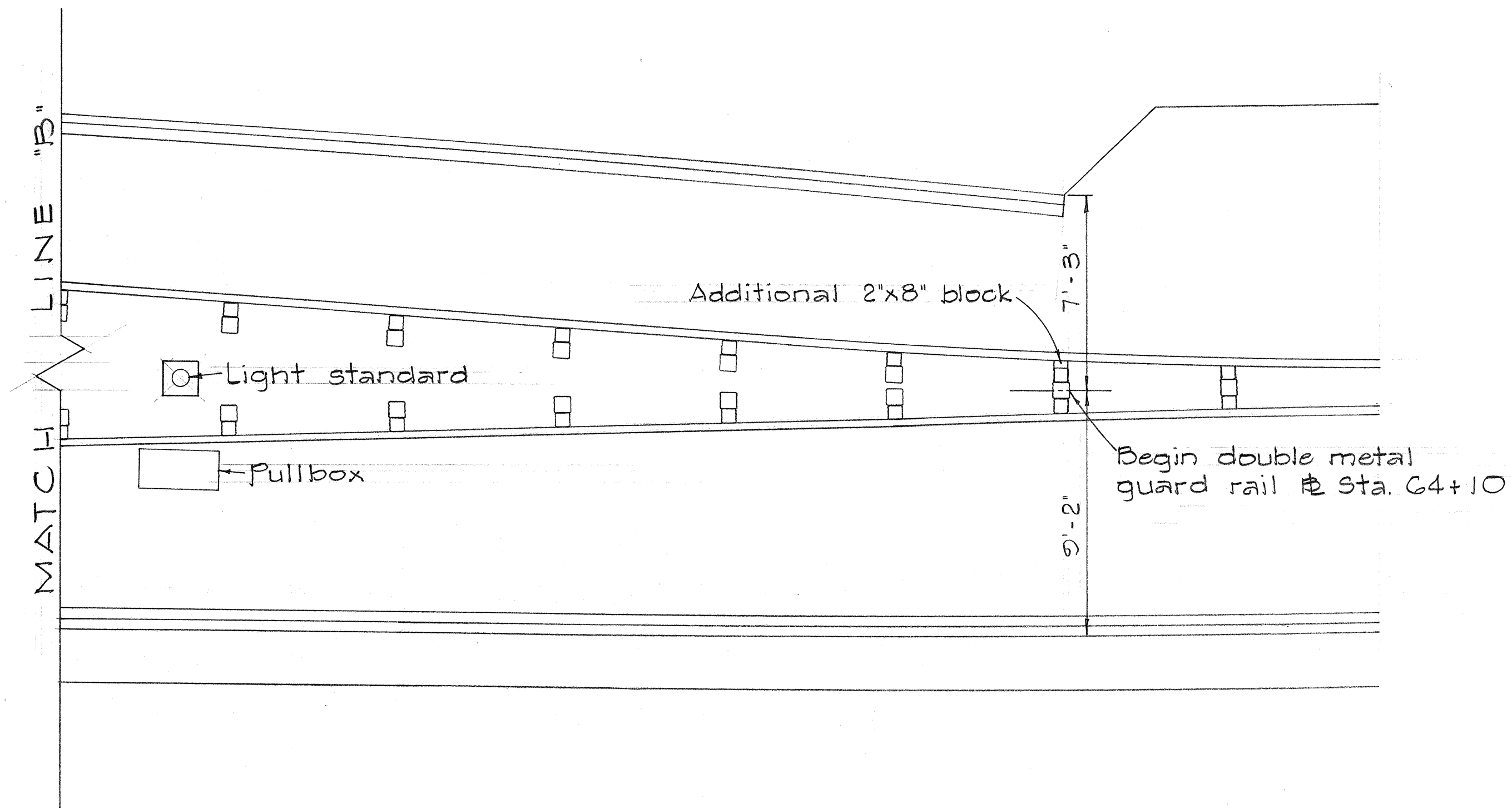
SHEET No. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(2)	1966	3	8



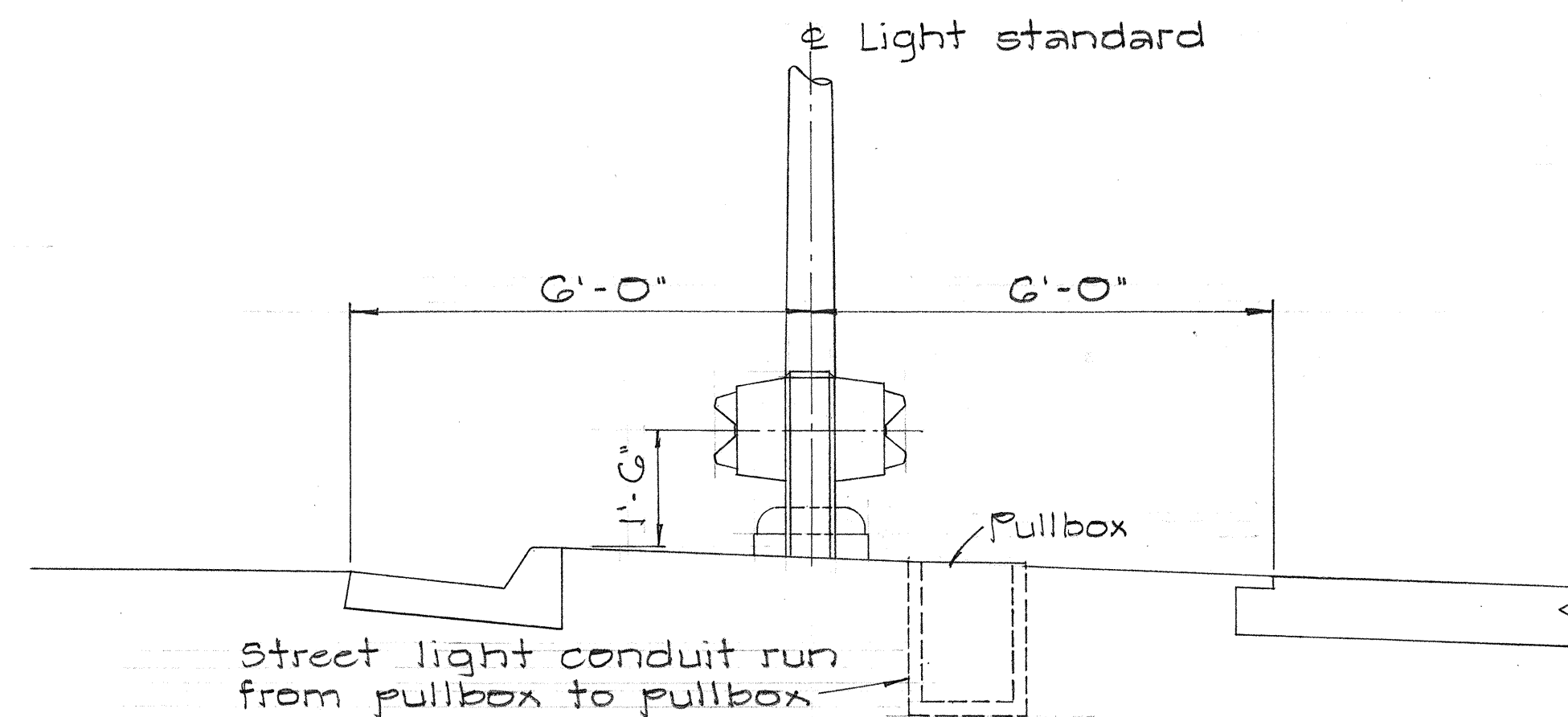
LAYOUT OF GUARD RAIL TAPER AT
PEDESTRIAN OVERPASS PIER

Scale: 1/4" = 1'-0"



TYPICAL GUARD RAIL DETAIL
AT UNCURBED MEDIAN

Scale: 1/2" = 1'-0"



TYPICAL GUARD RAIL DETAIL,
MEDIAN CURBED ON ONE SIDE ONLY

Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARD RAIL LAYOUT
AND TYPICAL DETAIL

SECTION "A"

MEDIAN GUARD RAIL ON LIKELIKE HWY.
PROJ. NO. F-063-1(2)

Scale: as noted Dec. 1966

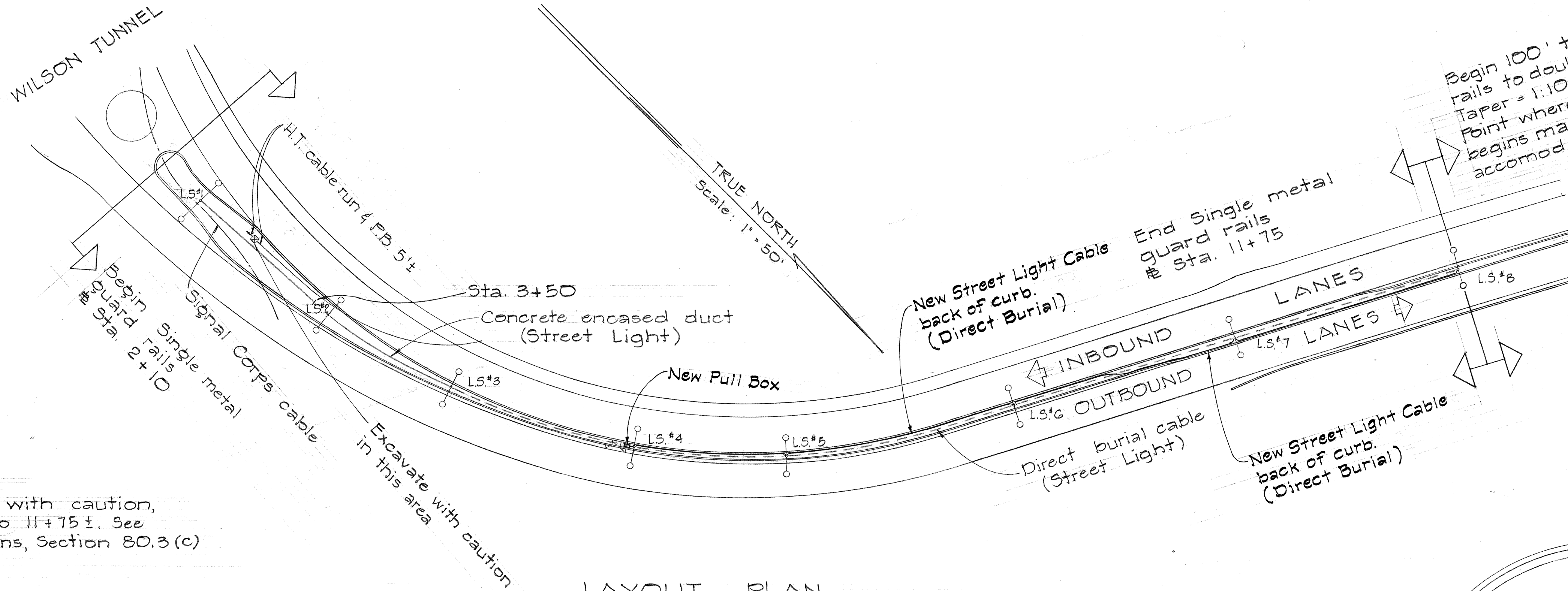
SHEET No. 3 OF 8 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

Revised: Feb. 16, 1967

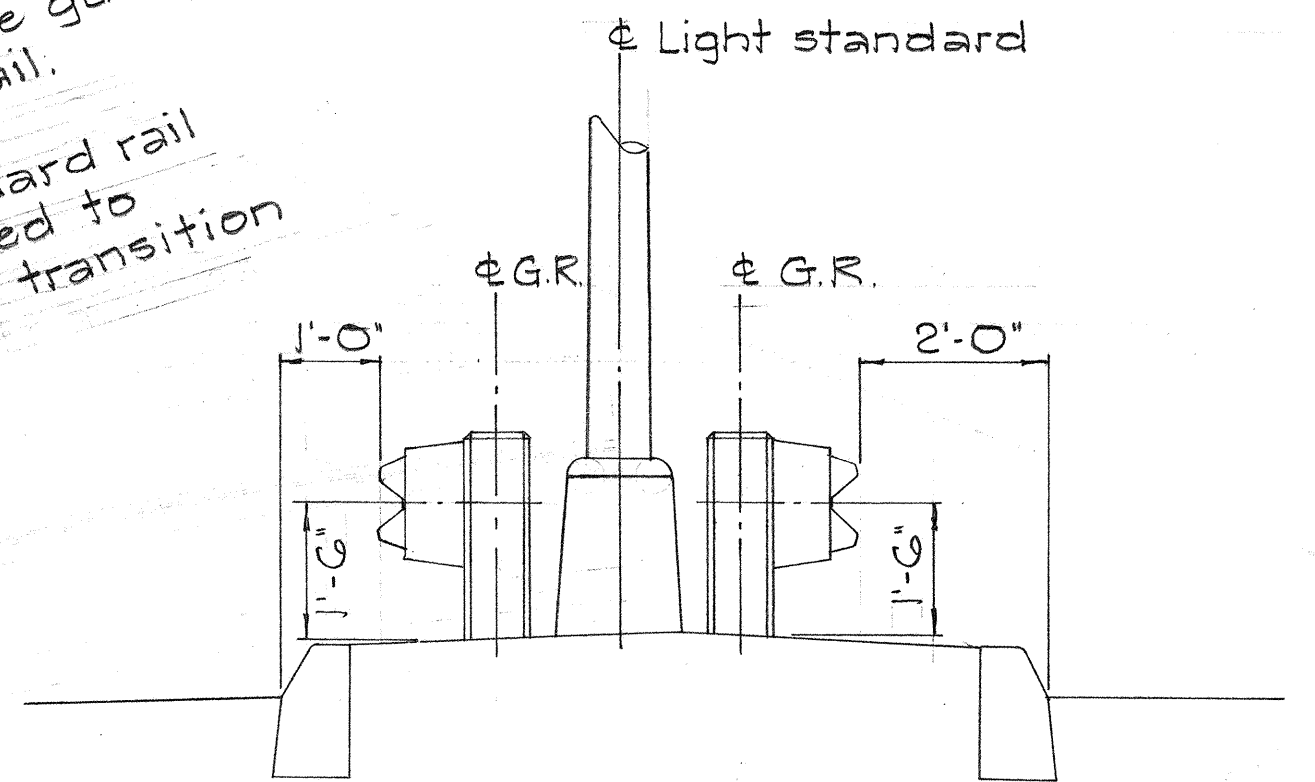
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(2)	1966	4	8

WILSON TUNNEL



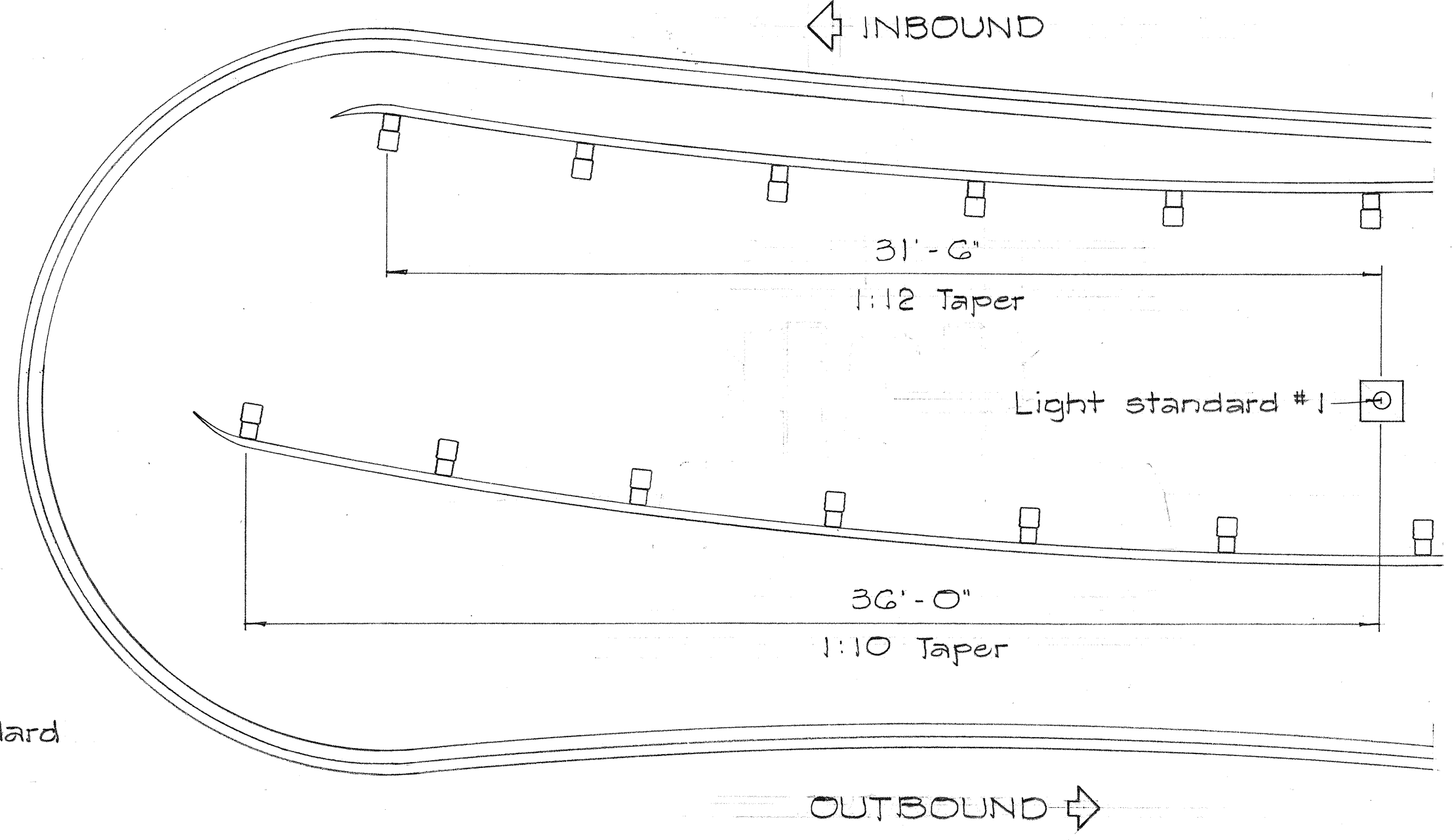
NOTE:
Excavate with caution,
Sta. 2+10 to 11+75 ±. See
Special Provisions, Section 80.3 (c)

LAYOUT PLAN



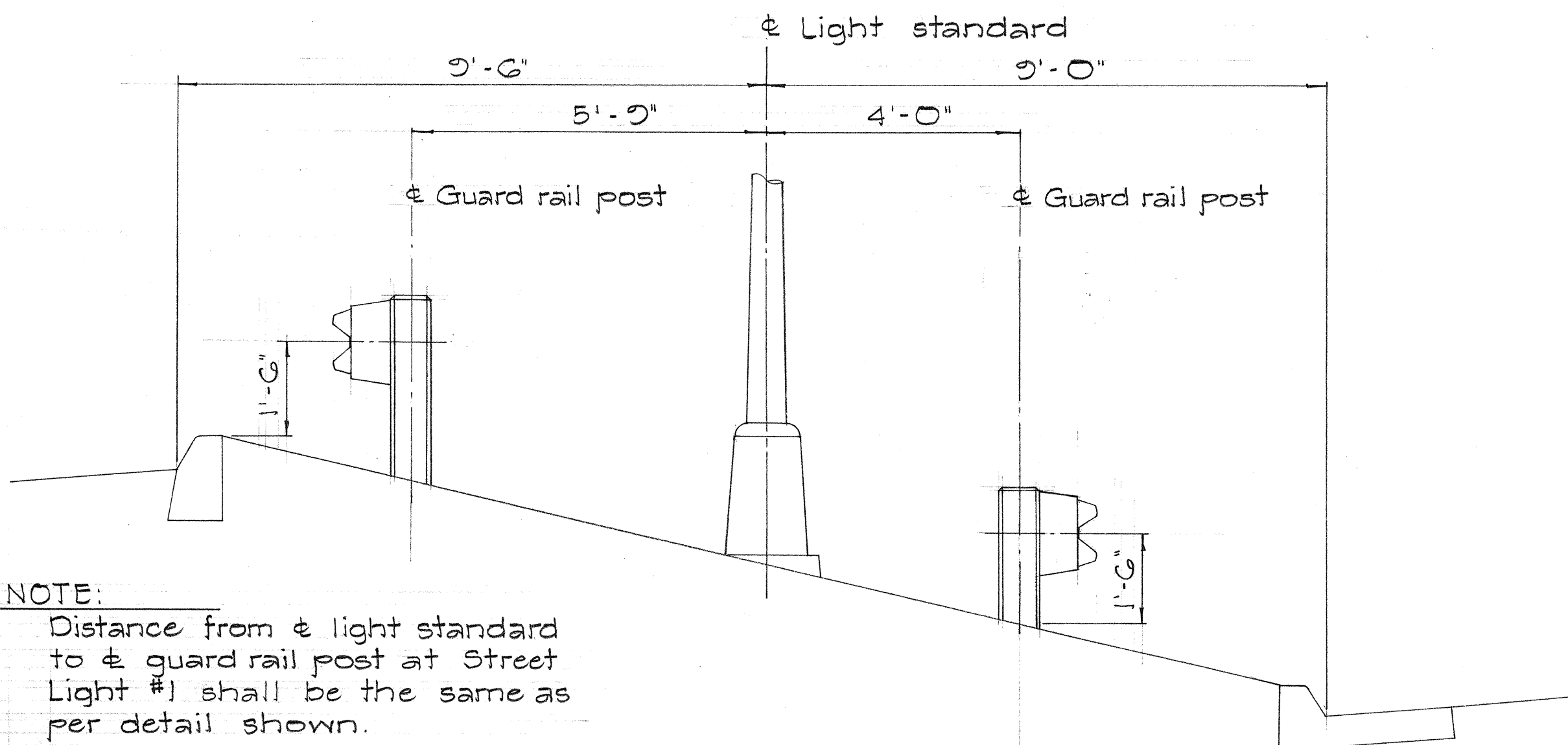
GUARD RAIL DETAIL AT
LIGHT STANDARD #7

Scale: 1/2" = 1'-0"



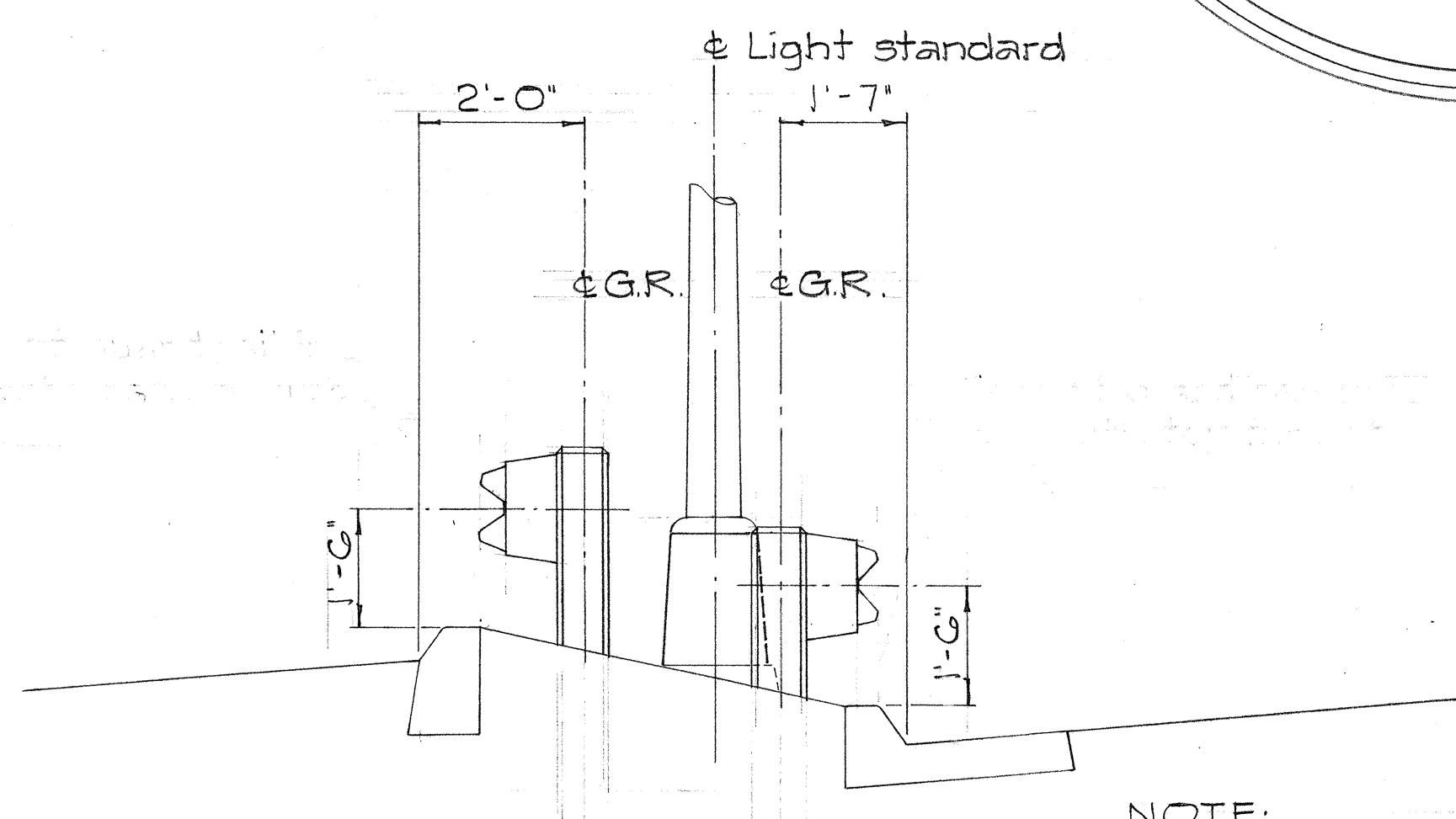
DETAIL OF GUARD RAIL TAPER

Scale: 1/4" = 1'-0"



GUARD RAIL DETAIL AT
LIGHT STANDARD #2

Scale: 1/2" = 1'-0"



GUARD RAIL DETAIL AT
LIGHT STANDARDS #3, #4, #5, #6, #8

Scale: 1/2" = 1'-0"

NOTE:
1. At Street Light #8, curb and gutter on opposite side.
2. Guard rail height of 1'-0" to be measured from top of curb unless otherwise shown.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**GUARD RAIL LAYOUT
AND DETAILS AT
LIGHT STANDARDS
SECTION "B"**

MEDIAN GUARD RAIL ON LIKELIKE HWY.
PROJ. NO. F-063-1(2)

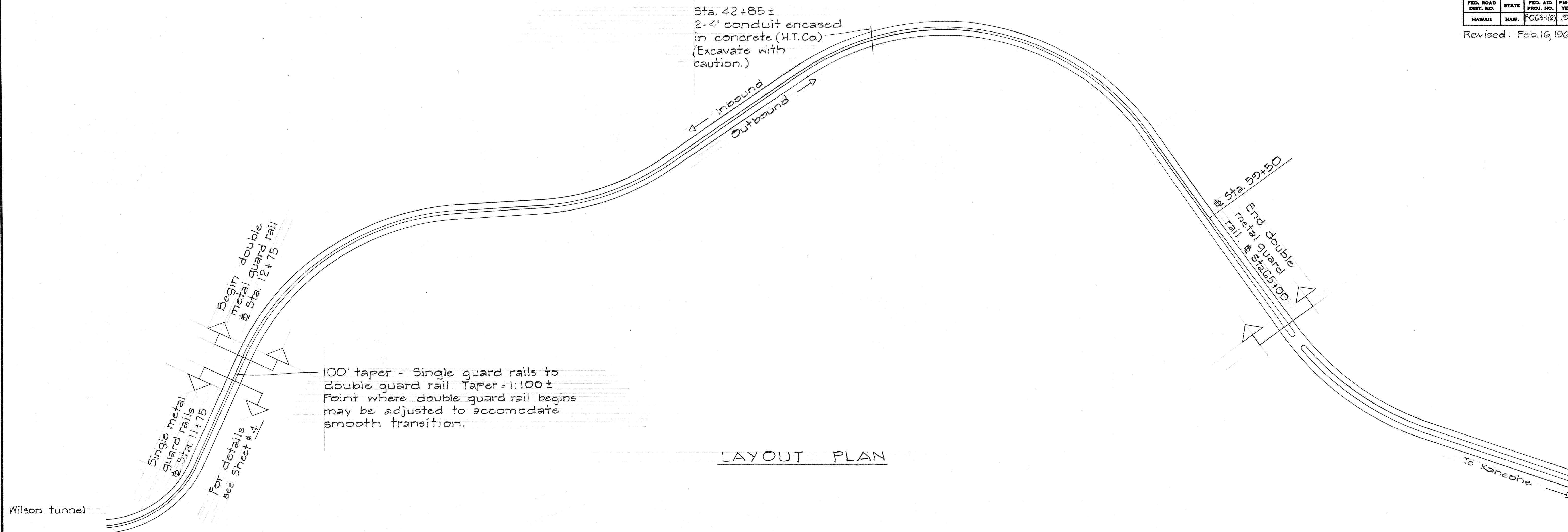
Scale: as noted Dec. 1966

SHEET No. 4 OF 8 SHEETS

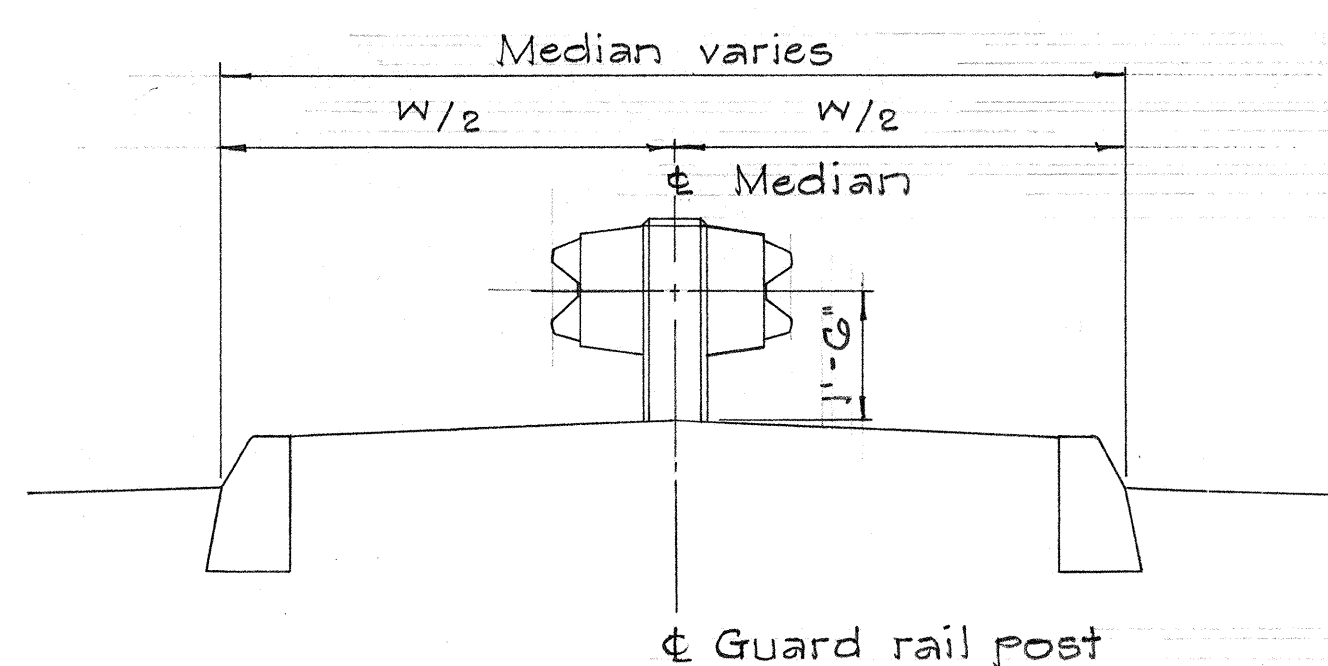
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F063-1(2)	1966	5	8

Revised: Feb. 16, 1967



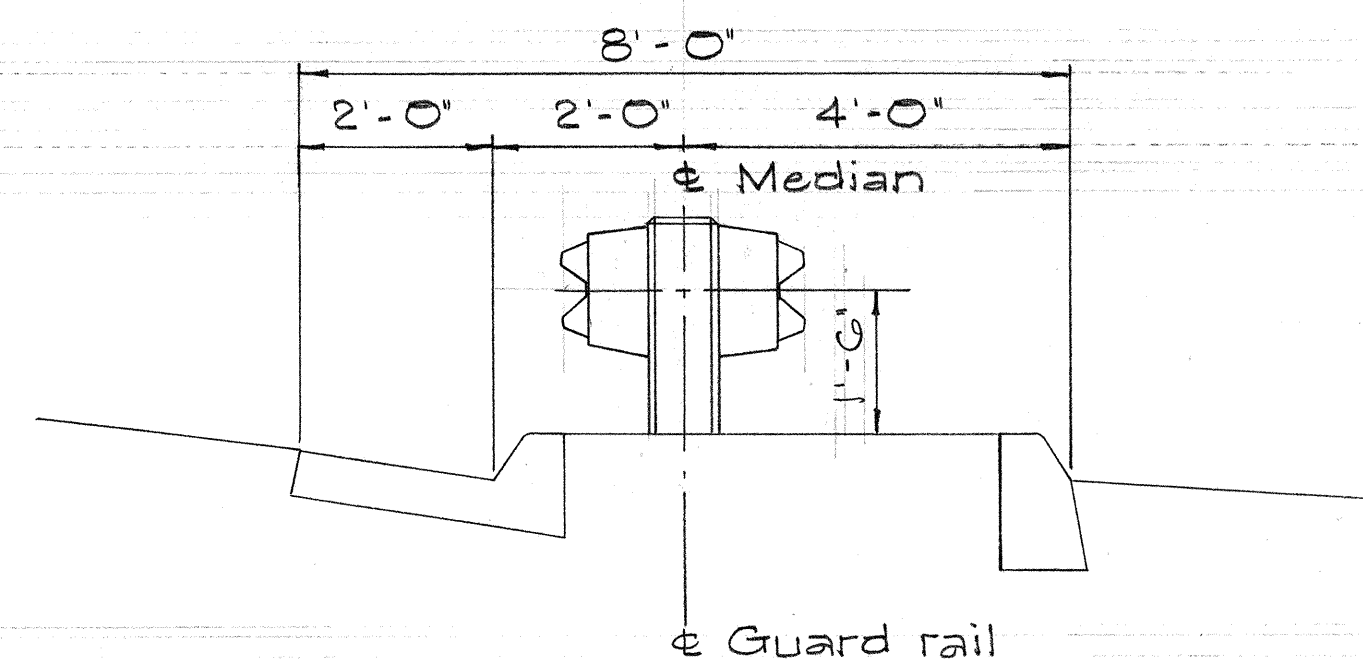
LAYOUT PLAN



TYPICAL DETAIL, MEDIAN WITHOUT GUTTER

Sta. 12+75 - Sta. 65+00

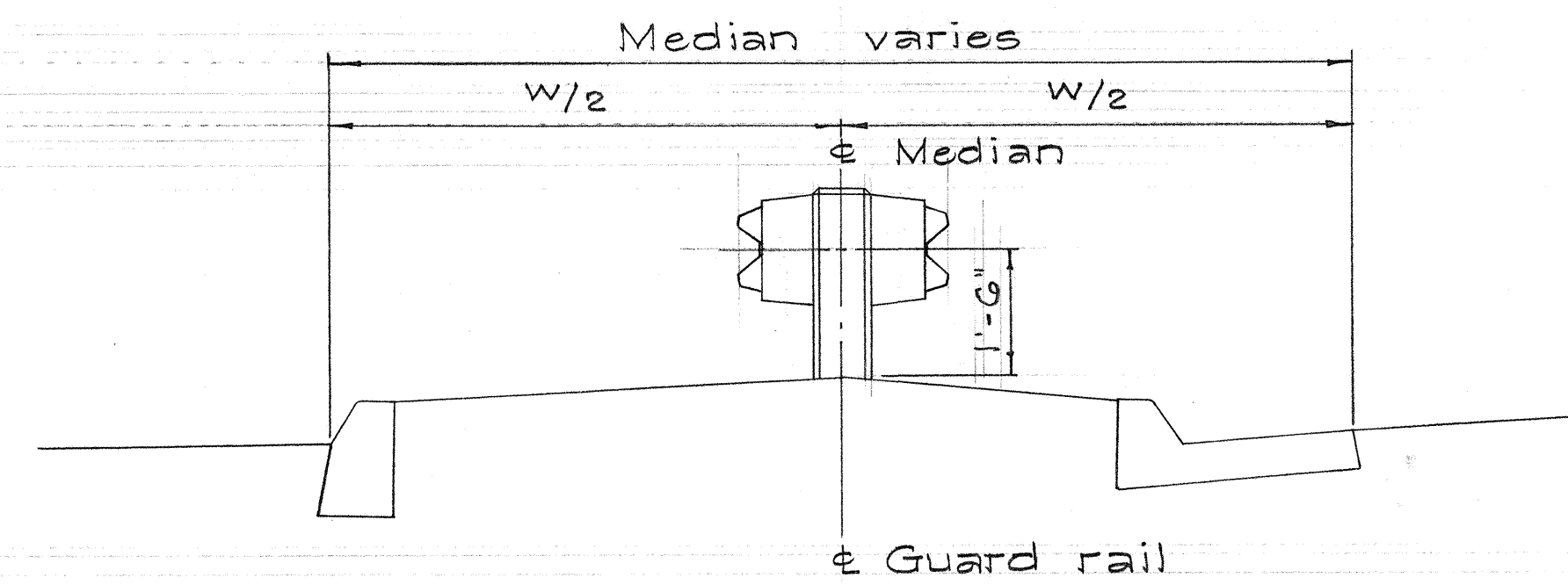
Scale: 1/2" = 1'-0"



TYPICAL DETAIL, MEDIAN WITH GUTTER

Sta. 12+75 - Sta. 59+50

Scale: 1/2" = 1'-0"



TYPICAL DETAIL, MEDIAN WITH GUTTER

Sta. 59+50 - Sta. 65+00

Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARD RAIL LAYOUT
AND TYPICAL DETAILS

SECTION "B"

MEDIAN GUARD RAIL ON LIKELIKE HWY.
PROJ. NO. F-063-1(2)

Scale: as noted Dec. 1966

SHEET No. 5 OF 8 SHEETS