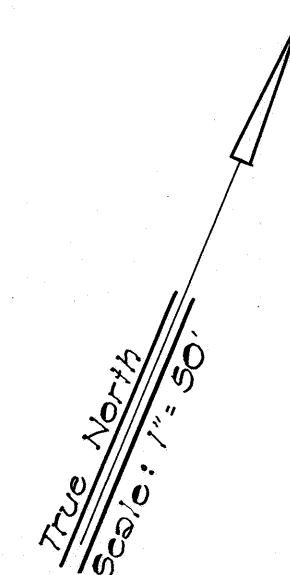


GENERAL NOTES

- All existing gratings to be salvaged.
- All existing guard rail posts to be salvaged.
- All salvaged materials shall be cleaned to the satisfaction of the Engineer and neatly stockpiled in the Highway Division Base Yard at Wailua.
- Guy wires for utility poles left of Sta. 16+00 to Sta. 25+50 to be relocated by others.
- Utility poles left of Sta. 5+00 to Sta. 8+00 to be relocated by others.
- Work involving the removal of all existing guard rails and guard rail posts, and salvaging, cleaning and stockpiling of gratings and guard rail posts will not be paid for directly, but shall be considered to be incidental to the various contract items.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	A-580-01-64	1965	3	12

BEG. OF PROJECT NO. A-580-01-64 PHASE I
STA. 0+00



Sta. 5+00 Rt.
Demolish existing C.D.I. (Incidental to Roadway Exc.). Extend existing 18" Culvert Pipe. Construct new C.D.I.
Estimated Quantities:
Struct. Exc. 10.0 c.y.
Class "A-1" Conc. 2.1 c.y.
18" RCCP cl. III 9.0 Lin. Ft.
For C.D.I. Detail, see this sheet

Sta. 8+17 to Sta. 8+29 Lt.
Install metal guard rail with concrete posts.
Est. Quant. = 12 Lin. Ft.
Actual 12.5 Lin. Ft.

Sta. 9+75 to Sta. 10+20 Lt.
Install metal guard rail with concrete posts.
Est. Quant. = 50 Lin. Ft.
Actual 25 Lin. Ft.

Sta. 11+45 to Sta. 22+00 Lt.
Install metal guard rail with concrete posts.
Est. Quant. = 1,075 Lin. Ft.
Actual 1050 Lin. Ft.

Sta. 4+90 to Sta. 7+50 Lt.
Install metal guard rail with concrete posts.
Est. Quant. = 325 Lin. Ft.
Actual 312.5 Lin. Ft.

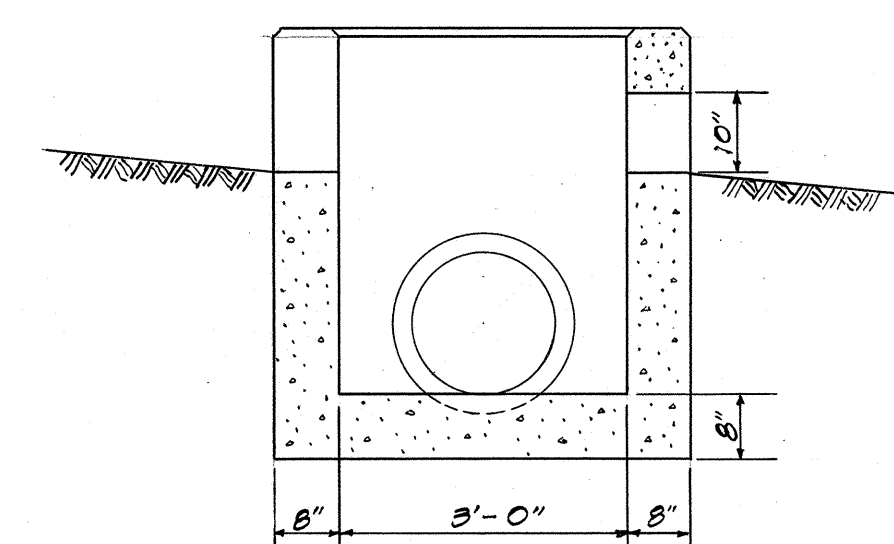
Sta. 10+00 Rt.
Demolish existing C.D.I. (Incidental to Roadway Exc.). Extend existing 18" Culvert Pipe. Construct new C.D.I.
Estimated Quantities:
Struct. Exc. = 9.0 c.y.
Class "A-1" Conc. = 1.7 c.y.
18" RCCP cl. III = 9.0 Lin. Ft.
For C.D.I. Detail, see this sheet

Curve Data R1 #2
Δ = 36° 06'
Δ/2 = 18° 03'
R = 350.00'
T = 179.84'
C = 340.83'
Lc = 346.34'

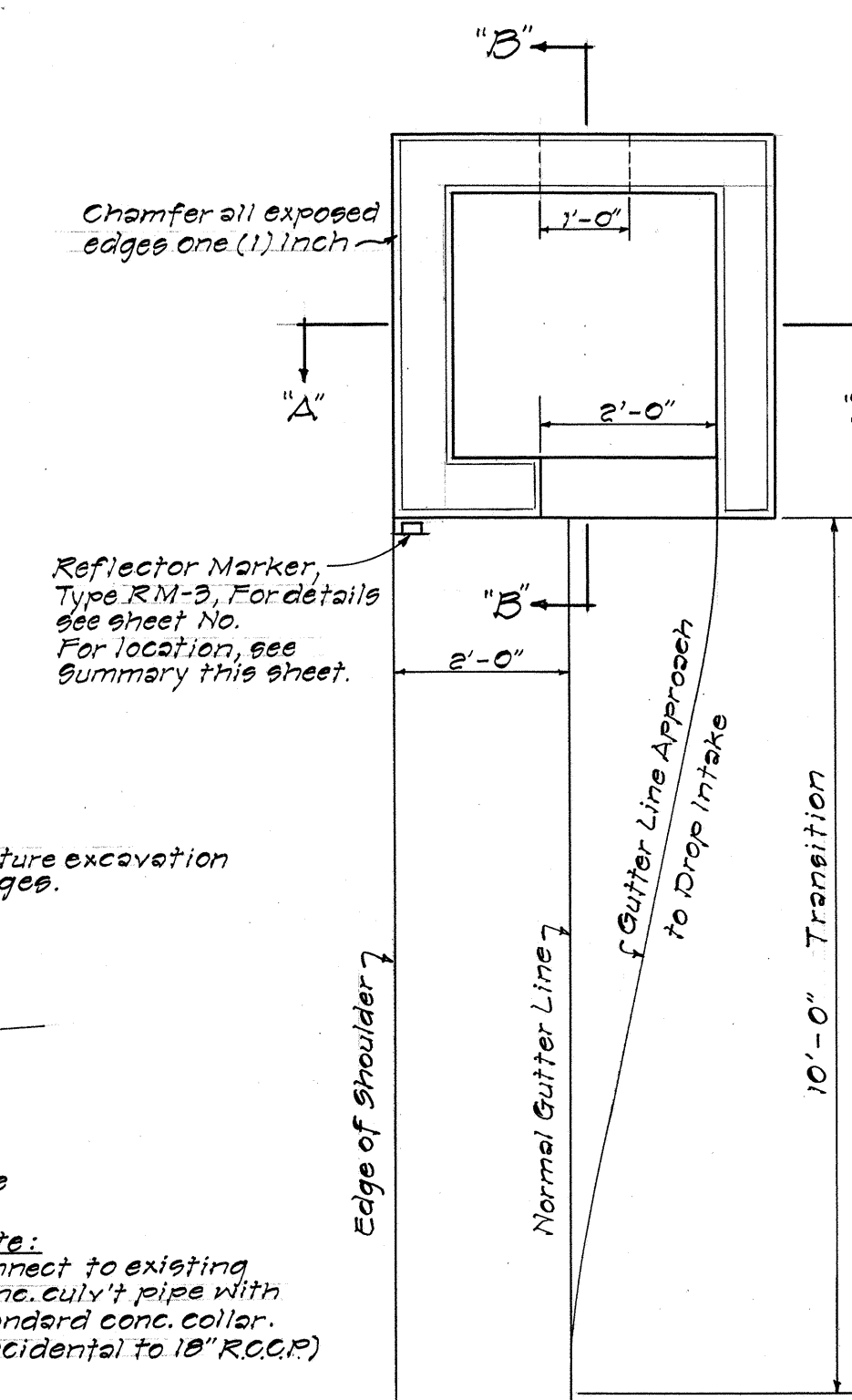
Curve Data R1 #1
Δ = 33° 55'
Δ/2 = 16° 57' 30"
R = 350.00'
T = 198.21'
C = 379.18'
Lc = 384.77'

Sta. 19+00 Rt.
Demolish existing C.D.I. (Incidental to Roadway Exc.). Extend existing 18" Culvert Pipe. Construct new C.D.I.
Estimated Quantities:
Struct. Exc. = 11.0 c.y.
Class "A-1" Conc. = 2.2 c.y.
18" RCCP cl. III = 10.0 Lin. Ft.
For C.D.I. Detail, see this sheet

Existing speed limit sign to be relocated as directed. This work to be incidental to the various contract items.
Relocated to Beg. of Project



SECTION "B-B"



PLAN

Excavate recess in roadway excavation slope for inlet to dimensions and form designed by the Engineer. This is Roadway Excavation.

Top limits of structure excavation other than at Bridges.

Note: Connect to existing conc. culv't pipe with standard conc. collar. (Incidental to 18" RCCP)

SUMMARY OF NEW C.D.I. INVERTS AND REFLECTOR MARKERS		
Location	New C.D.I. Inverts (Approx.)	Reflector Markers w/ Posts Type RM-3 Quantity (Each)
Sta. 5+00 Rt.	175.77	1
Sta. 10+00 Rt.	196.68	1
Sta. 19+00 Rt.	96.36	1
Sta. 20+00 Rt.	54.11	1
Sta. 25+00 Rt.	21.61	1
Sta. 25+50 Rt.		1
TOTAL		6

SECTION "A-A"

DETAIL OF NEW CONCRETE DROP INTAKE

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

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

PROFILE	DATE	BY
	SURVEYED	
	NOTE BOOK	
	GRADES CHECKED	
NO.	STRUCTURE NOTTING CHECKED	

