

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37C-01-75	1975	2	6

- GENERAL NOTES**
- The Contractor shall verify the locations of all utilities in the field.
 - Demolishing existing structures, and backfilling and embankment material shall not be paid for separately, but shall be considered incidental to the various contract items.

Sta. 5+52 ± 0/5 2.5' Rt.
Construct: Type GIG14 CD1
2' wide x 1' high opening on the backwall of the CD1 to accommodate existing swale. Earth swale to CD1 as required. (Incidental to various contract items)
Outlet Structure (For details see sht. no. 3)
Install: 36" RCP, Cl. III

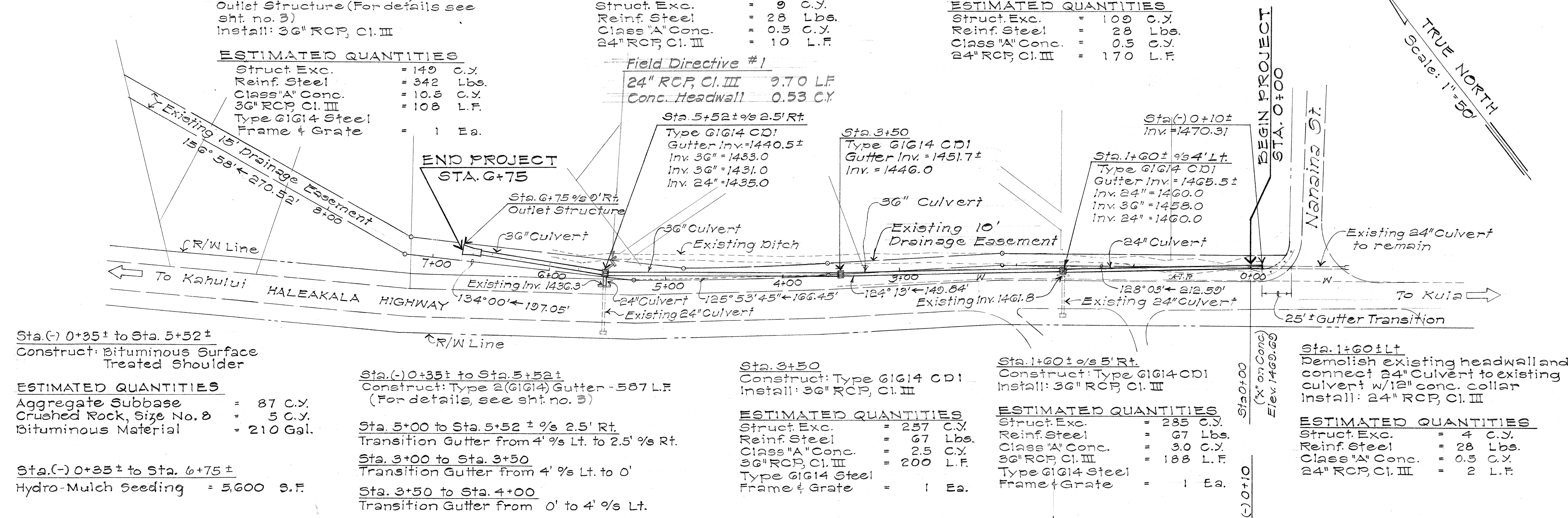
ESTIMATED QUANTITIES
Struct. Exc. = 140 C.Y.
Reinf. Steel = 342 Lbs.
Class "A" Conc. = 10.8 C.Y.
36" RCP, Cl. III = 108 L.F.
Type GIG14 Steel Frame & Grate = 1 Ea.

Sta. 5+52 ± Lt.
Demolish existing headwall and connect 24" Culvert to existing culvert w/12" conc. collar
Install: 24" RCP, Cl. III

ESTIMATED QUANTITIES
Struct. Exc. = 9 C.Y.
Reinf. Steel = 28 Lbs.
Class "A" Conc. = 0.5 C.Y.
24" RCP, Cl. III = 10 L.F.

Sta. (-) 0+10 ±
Demolish existing outlet struct. and connect 24" Culvert to existing culvert w/12" conc. collar (For details see sht. no. 3)
Install: 24" RCP, Cl. III

ESTIMATED QUANTITIES
Struct. Exc. = 109 C.Y.
Reinf. Steel = 28 Lbs.
Class "A" Conc. = 0.5 C.Y.
24" RCP, Cl. III = 170 L.F.



Sta. (-) 0+35 ± to Sta. 5+52 ±
Construct: Bituminous Surface
Treated Shoulder

ESTIMATED QUANTITIES
Aggregate Subbase = 87 C.Y.
Crushed Rock, Size No. 8 = 5 C.Y.
Bituminous Material = 210 Gal.

Sta. (-) 0+35 ± to Sta. 6+75 ±
Hydro-Mulch Seeding = 5,600 S.F.

Sta. (-) 0+35 ± to Sta. 5+52 ±
Construct: Type 2(GIG14) Gutter - 587 L.F.
(For details, see sht. no. 3)

Sta. 5+00 to Sta. 5+52 ± 0/5 2.5' Rt.
Transition Gutter from 4' 0" Lt. to 2.5' 0" Rt.

Sta. 3+00 to Sta. 3+50
Transition Gutter from 4' 0" Lt. to 0'

Sta. 3+50 to Sta. 4+00
Transition Gutter from 0' to 4' 0" Lt.

Sta. 3+50
Construct: Type GIG14 CD1
Install: 36" RCP, Cl. III

ESTIMATED QUANTITIES
Struct. Exc. = 257 C.Y.
Reinf. Steel = 67 Lbs.
Class "A" Conc. = 2.5 C.Y.
36" RCP, Cl. III = 200 L.F.
Type GIG14 Steel Frame & Grate = 1 Ea.

Sta. 1+60 ± 0/5 5' Rt.
Construct: Type GIG14 CD1
Install: 36" RCP, Cl. III

ESTIMATED QUANTITIES
Struct. Exc. = 285 C.Y.
Reinf. Steel = 67 Lbs.
Class "A" Conc. = 3.0 C.Y.
36" RCP, Cl. III = 188 L.F.
Type GIG14 Steel Frame & Grate = 1 Ea.

Sta. 1+60 ± Lt.
Demolish existing headwall and connect 24" Culvert to existing culvert w/12" conc. collar
Install: 24" RCP, Cl. III

ESTIMATED QUANTITIES
Struct. Exc. = 4 C.Y.
Reinf. Steel = 28 Lbs.
Class "A" Conc. = 0.5 C.Y.
24" RCP, Cl. III = 2 L.F.

