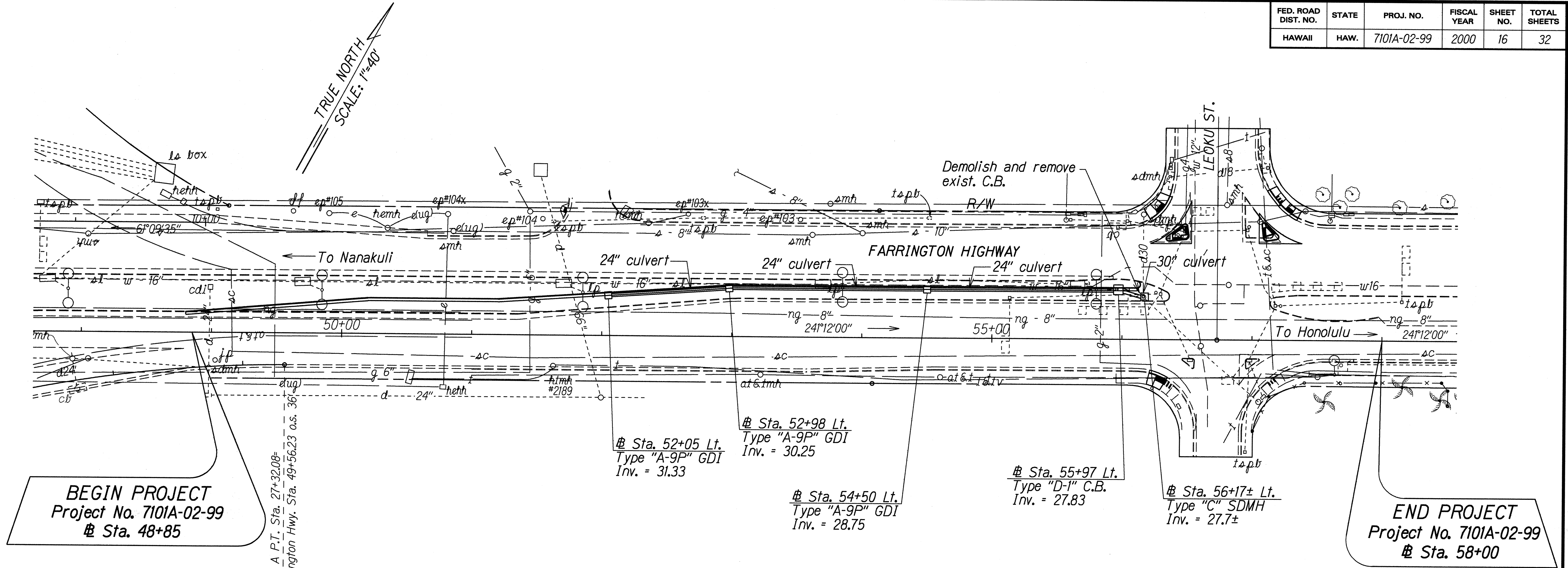


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-02-99	2000	16	32



Sta. 52+05 Lt.
Construct: Type "A-9P" GDIs
(For Typ. Det. See Sht. H3)
Install: 24" Culvert
(For Profile see Sht. No. H2)

Sta. 52+98 Lt.
Construct: Type "A-9P" GDI
(For Typ. Det. See Sht. H3)
Install: 24" Culvert
(For Profile see Sht. No. H2)

Sta. 54+50 Lt.
Construct: Type "A-9P" GDI
(For Typ. Det. See Sht. H3)
Install: 24" Culvert
(For Profile see Sht. No. H2)

Sta. 55+97 Lt.
Construct: Type "D-1" C.B.
(For Det. See Std. Plan H-02)
Install: 24" Culvert
(For Profile see Sht. No. H2)

Sta. 56+17± Lt.
Construct: Type "C" SDMH
(For Det. See Std. Plan H-05)
Demolish, Remove & Dispose: Existing C.B.

Estimated Quantities
Structure Excavation = 89 C.Y.
Bedcourse Material = 18 C.Y.
24" Culvert = 89 L.F.
Type "A-9P" GDI = 1 EA.
(4.00 ft. to 4.99 ft.)

Estimated Quantities
Structure Excavation = 149 C.Y.
Bedcourse Material = 30 C.Y.
24" Culvert = 148 L.F.
Type "A-9P" GDI = 1 EA.
(4.00 ft. to 4.99 ft.)

Estimated Quantities
Structure Excavation = 144 C.Y.
Bedcourse Material = 29 C.Y.
24" Culvert = 143 L.F.
Type "A-9P" GDI = 1 EA.
(4.00 ft. to 4.99 ft.)

Estimated Quantities
Structure Excavation = 9 C.Y.
Bedcourse Material = 2 C.Y.
24" Culvert = 11 L.F.
Type "D-1" C.B. = 1 EA.
(4.00 ft. to 4.99 ft.)

Estimated Quantities
Type "C" SDMH = 1 EA.
(4.00 ft. to 4.99 ft.)

DRAINAGE NOTES:

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. The cost shall be incidental to the various Contract Items.
- The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
- For Culvert Trench Restoration Detail, see sht. no. H3.
- Demolishing, removing, and disposing existing catch basin at # Sta. 56+07± Lt. shall not be paid for separately, but considered incidental to Item 604.5115, Type "C" SDMH.
- For added reinforcing around existing and new culverts, see Standard Plan H-04.
- For Type "P" Cast Iron Frame and Cover and Manhole Rung details, see Standard Plan H-08.
- Concrete shall be Class A unless otherwise noted.
- Chamfer all exposed concrete edges 1".

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

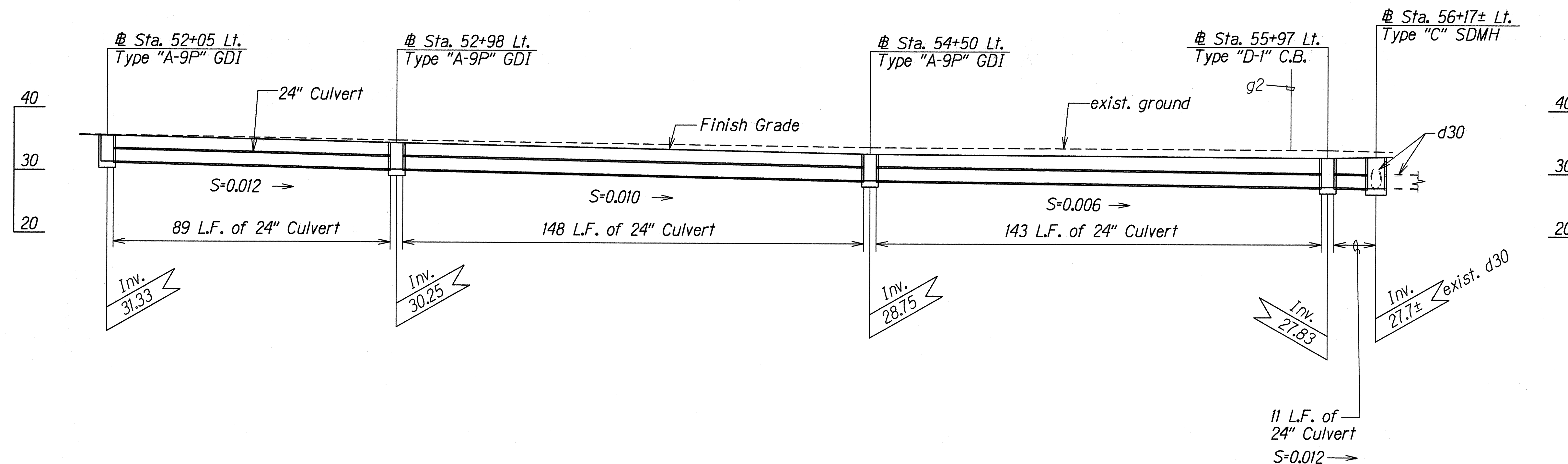
DRAINAGE PLAN

FARRINGTON HIGHWAY
Intersection Improvements at Leoku Street
Project No. 7101A-02-99

Scale: 1" = 40' Date: September, 1999

SHEET No. 16 OF 32 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-02-99	2000	17	32



PROFILE-FARRINGTON HIGHWAY # STA. 52+05 LT. TO
STA. 56+07± LT.

Scale: Horiz. 1"=20'
 Vert. 1"=10'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
013/0118/01	RECHECKED BY	
013/0118/01	QUANTITIES BY	
013/0118/01	CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE PROFILE

FARRINGTON HIGHWAY

Intersection Improvements at Leoku Street

Project No. 7101A-02-99

Scale: As Shown Date: September, 1999

SHEET No. H2 OF 3 SHEETS

