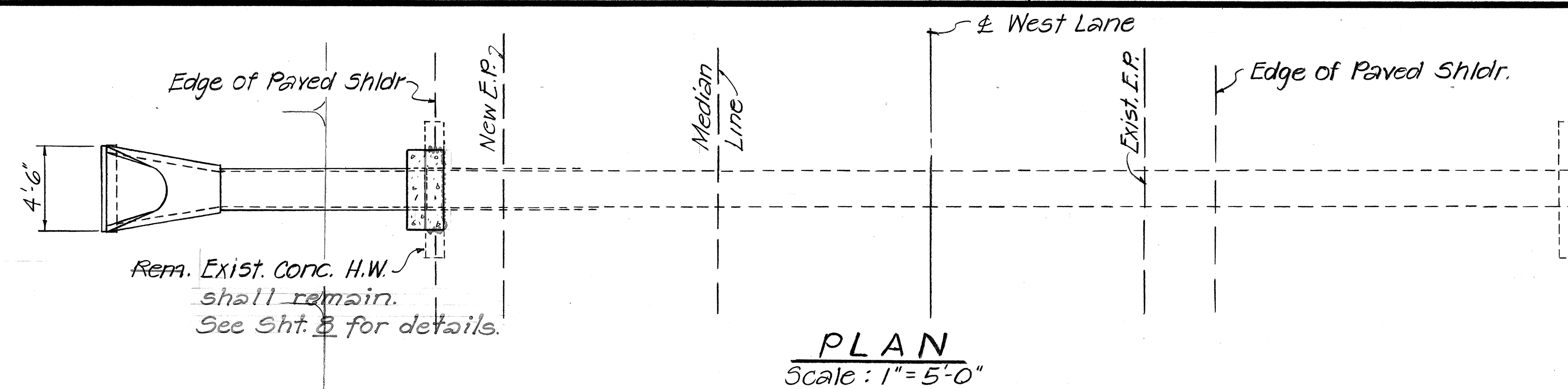
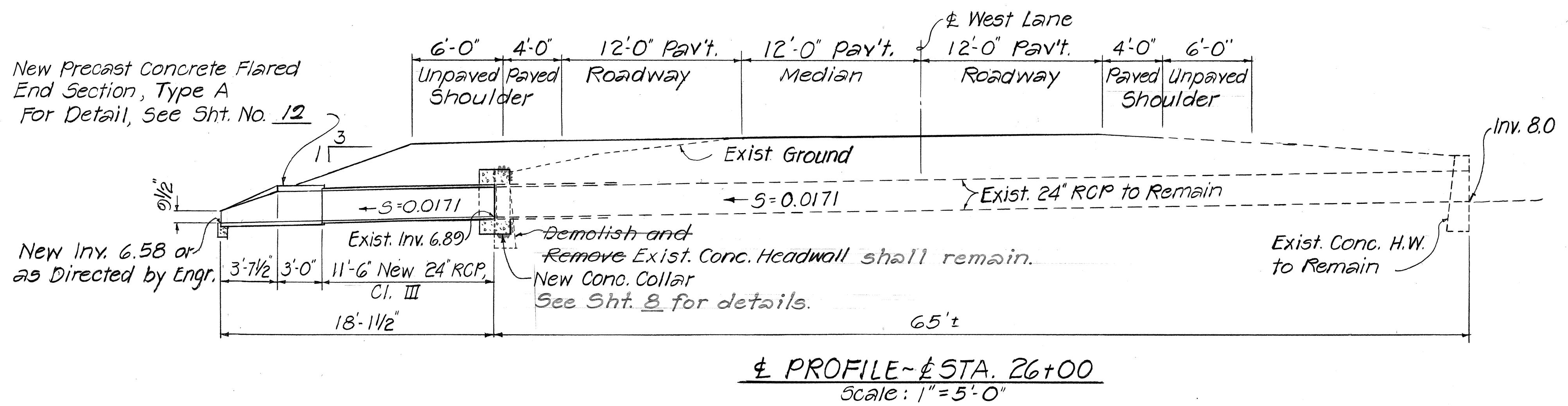
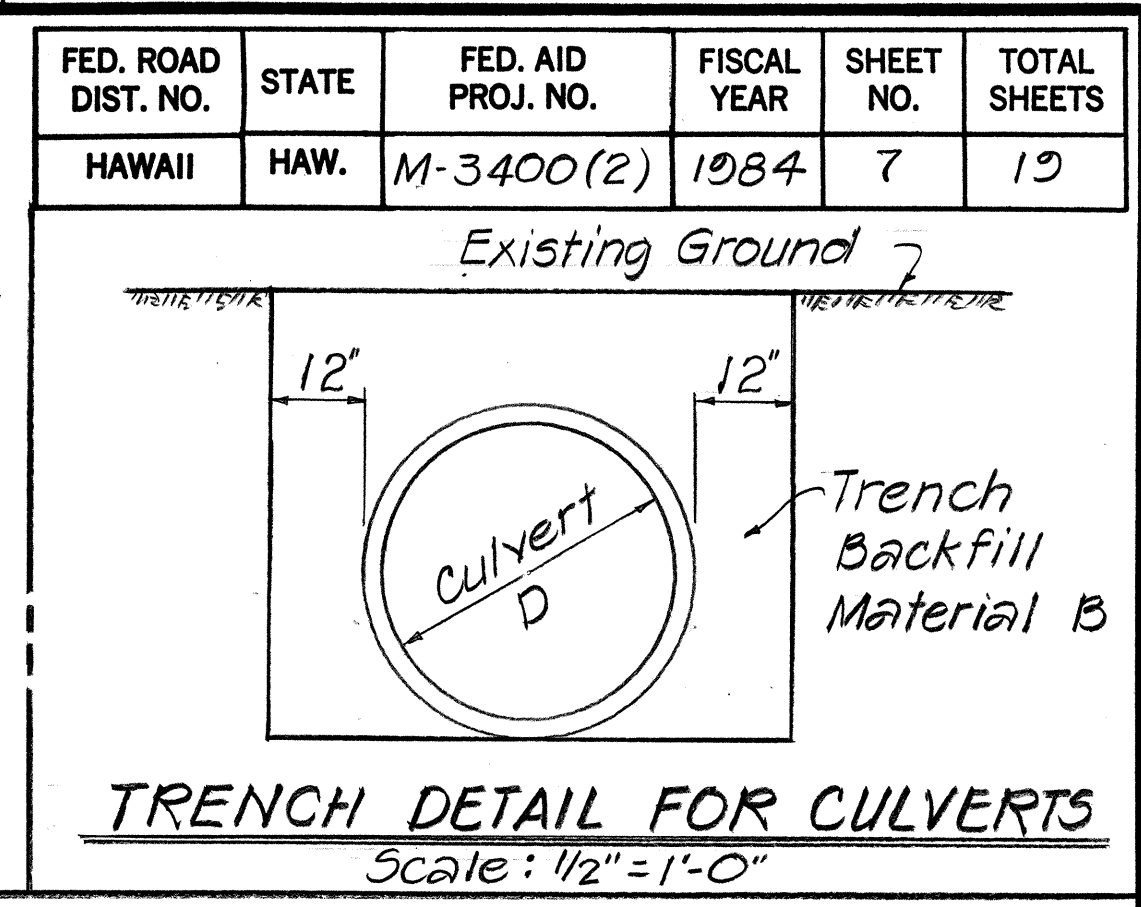




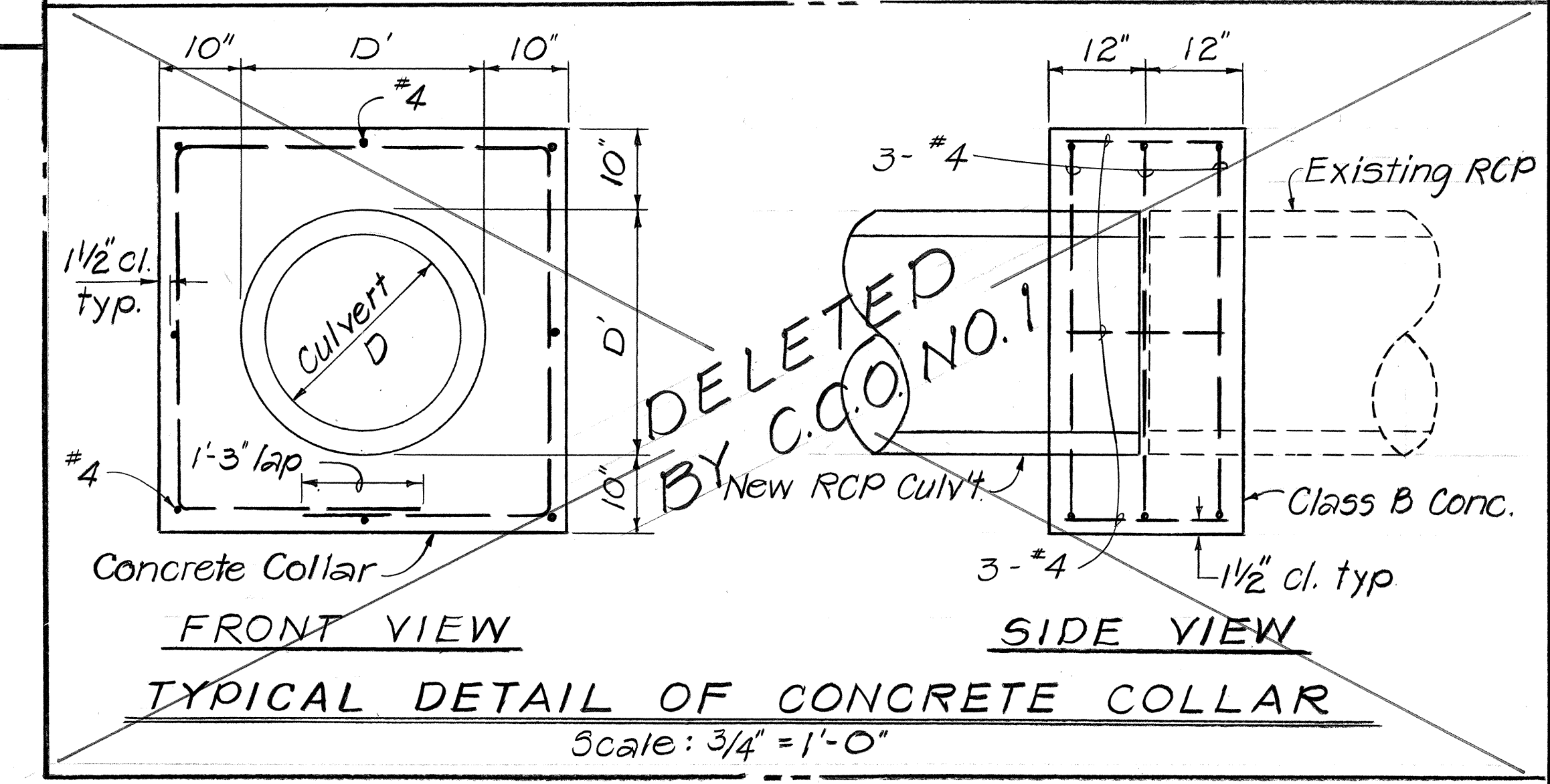
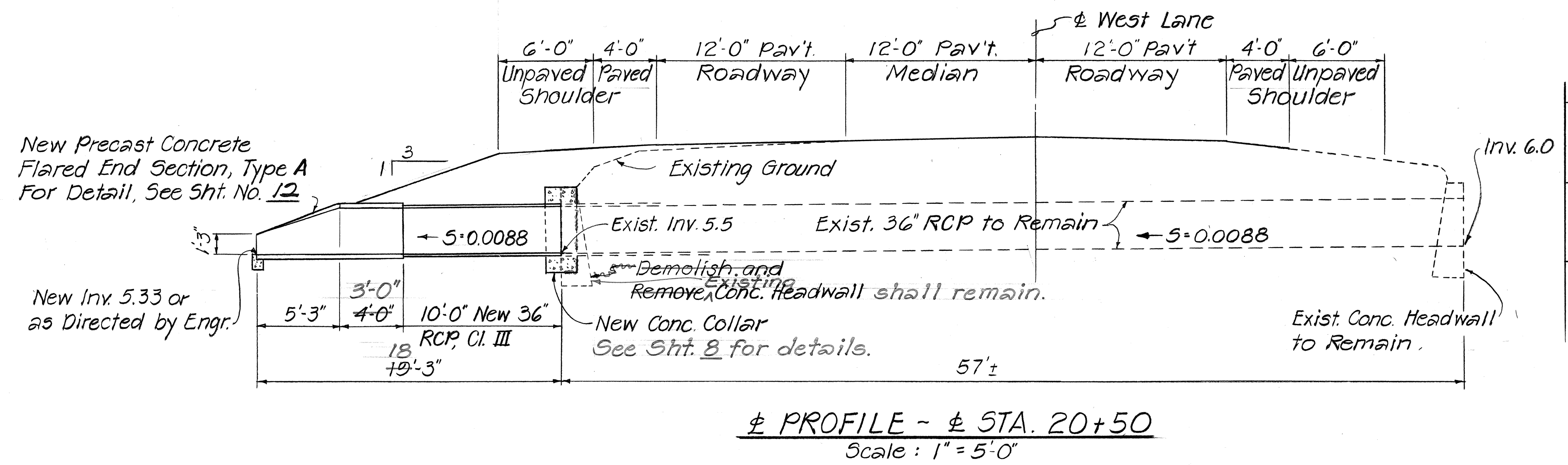
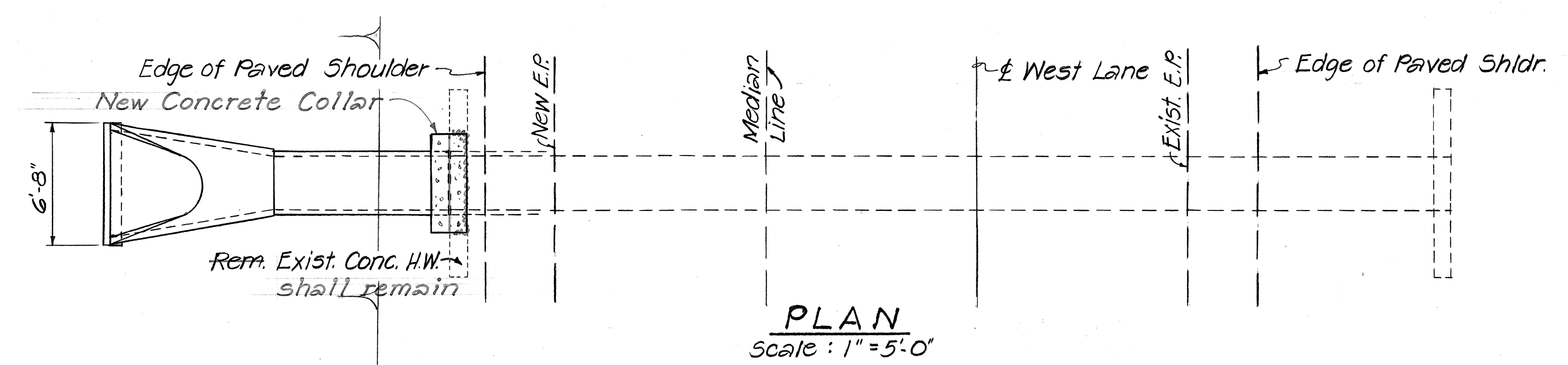
Sta. 26+00
Extend existing 24" Culvert w/ 24" RCP, Type III. Construct Conc. collar. For Det. See this Sht. Connect Precast Conc. Flared End Section. For Detail See Sht. No. 12

ESTIMATED QUANTITIES
Struc. Exc. ----- 16.7 c.y.
24" RCP, Cl. III ----- 11.6 l.f.
Precast Conc. End Sect. --- 1 ea.



GENERAL NOTES

1. Elevations of culverts and grades to be verified by Contractor.
2. New inverts shall be shown or as directed by the Engineer.
3. Culvert alignment shall be same as existing or as directed by Engineer.
4. The outlet condition of the culvert shall be graded to the satisfaction of the Engineer. This work shall be considered incidental to precast concrete flared end section.
5. Reinforced concrete collar shall be considered incidental to the culvert.
6. Demolishing and removal of existing concrete headwalls shall not be paid for separately but shall be considered incidental to the various contract items.



Sta. 20+50
Extend existing 36" culvert with 36" RCP, Cl. III. Construct conc. collar. For Detail See this Sht. Connect Precast Concrete Flared End Section. For detail, See Sht. No. 12

ESTIMATED QUANTITIES
Struc. Exc. ----- 22 c.y.
36 RCP, Cl. III ----- 10 l.f.
Precast Conc. End Sect. --- 1 ea.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DRAINAGE DETAILS

PLAN AND PROFILE, GEN. NOTES,
CONC. COLLAR & TRENCH DETAILS

KAHULUI BEACH RD, INTERSECTION
IMPROVEMENTS AT KANALOA AVE
F.A. PROJ. NO. M-3400(2)
Scale: As Noted Sept. 1983

SHEET NO. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	