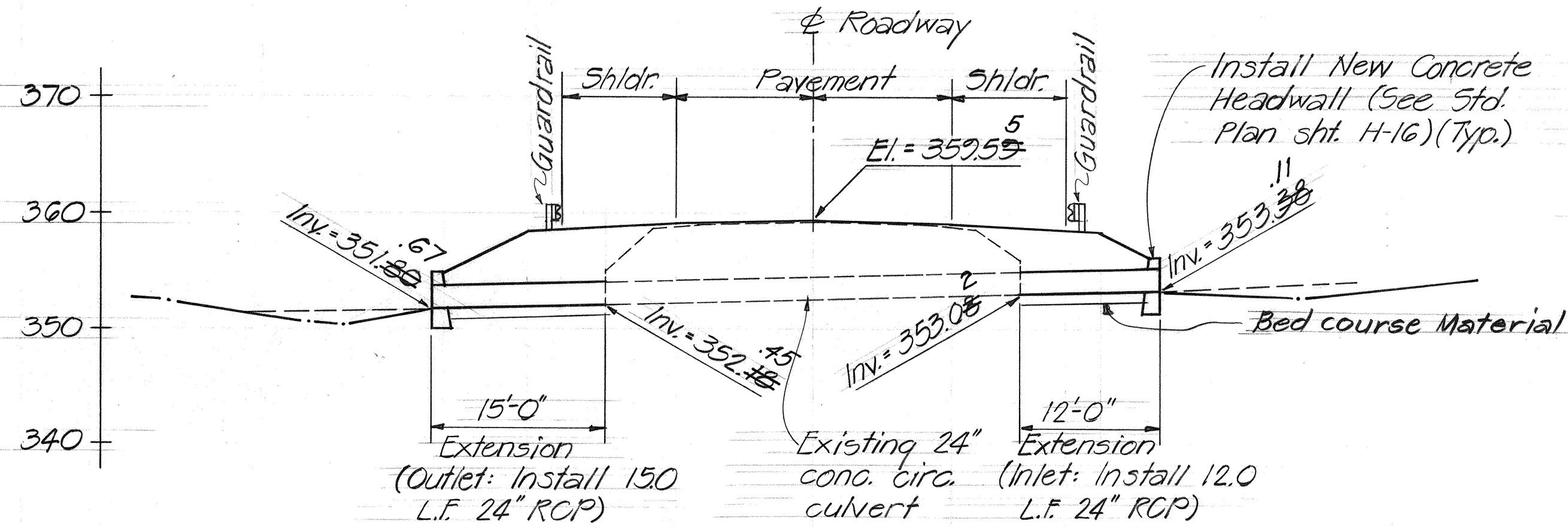
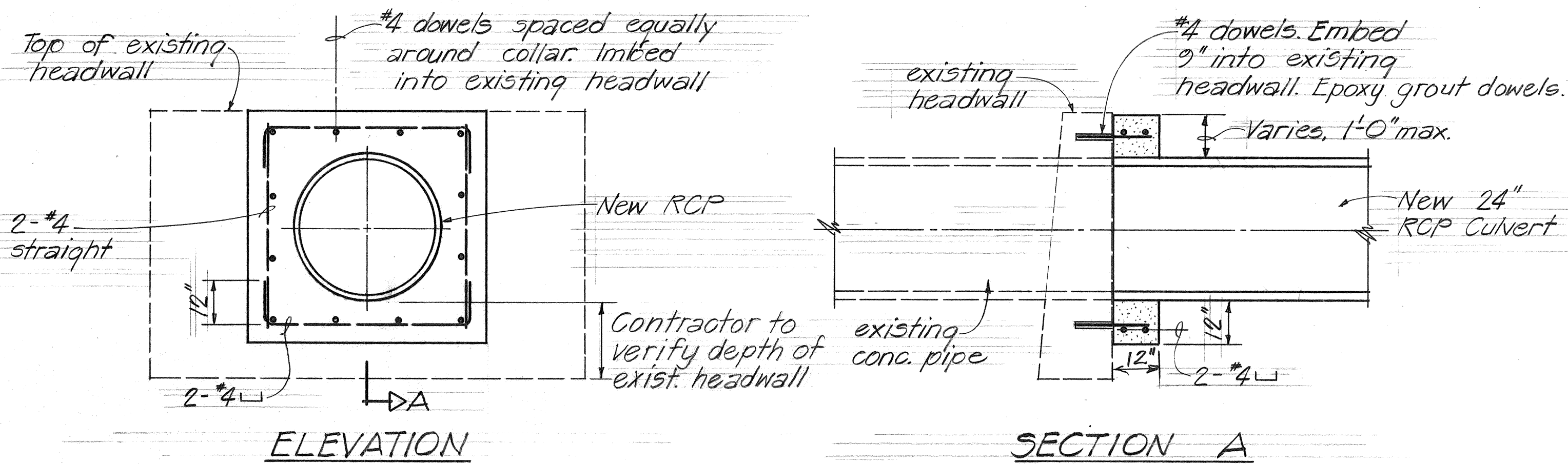


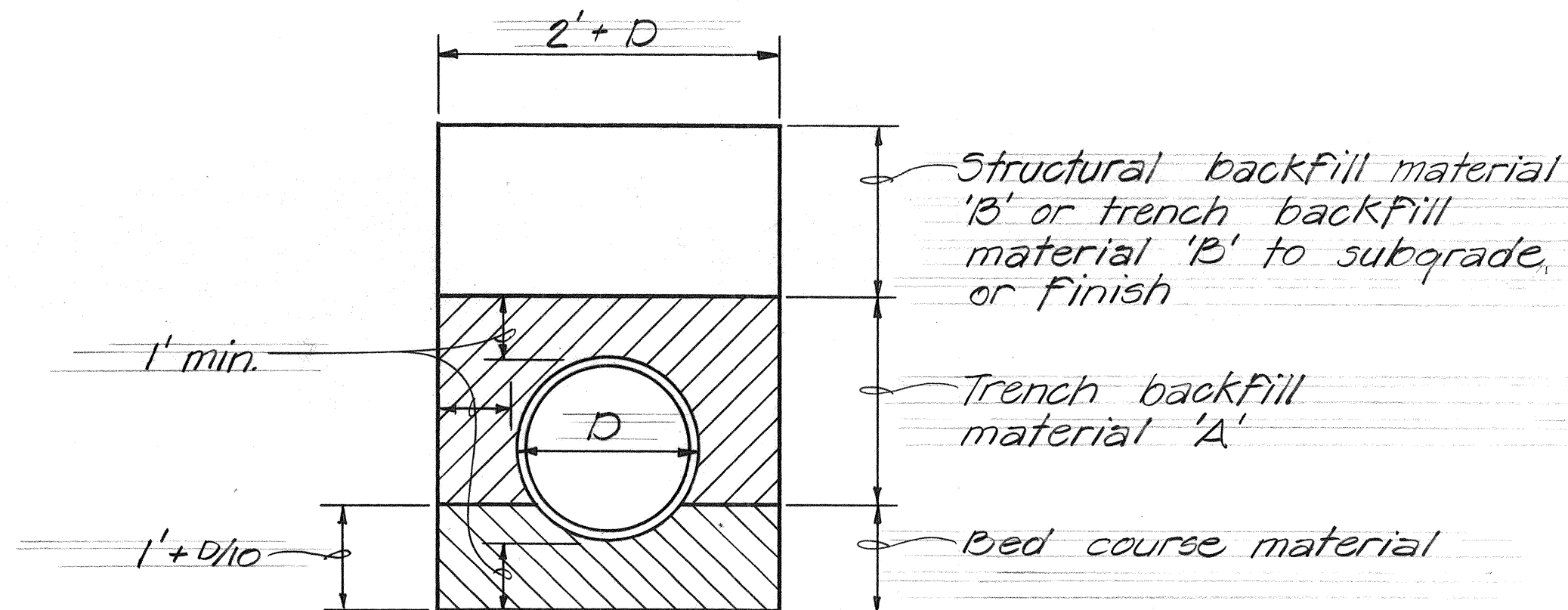
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0130(16)	1988	11	25



PROFILE & CULVERT
@ STA. 17+00
Scale: 1"=10'



CONCRETE COLLAR DETAIL
Not to Scale



SECTION ~ TRENCH BACKFILL
Not to Scale

ESTIMATED DRAINAGE QUANTITIES									
DRAINAGE FACILITY	DESCRIPTION								
	STA.	UNIT	Structure Excavation	Structure Backfill	Class 'A' Concrete	Reinforcing Steel	Bed Course Material	Trench Backfill Material 'A'	24-Inch Reinf. Concrete Pipe, Class III
A	17+00		6	4	4	157	5	2	27

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PIPE CULVERT DETAILS

AT & STA. 17+00

KEAAU-PAHOA ROAD

Paradise Park Section - Phase I

Fed. Aid Proj. no. RS-0130(16)

Scale As Noted Date: April 1988

SHEET NO. 1 OF 1 SHEETS

SURVEY PLOTTED BY

DATE

DRAWN BY

DESIGNED BY

CHECKED BY

ORIGINAL PLAN

NOTE BOOK

NO.