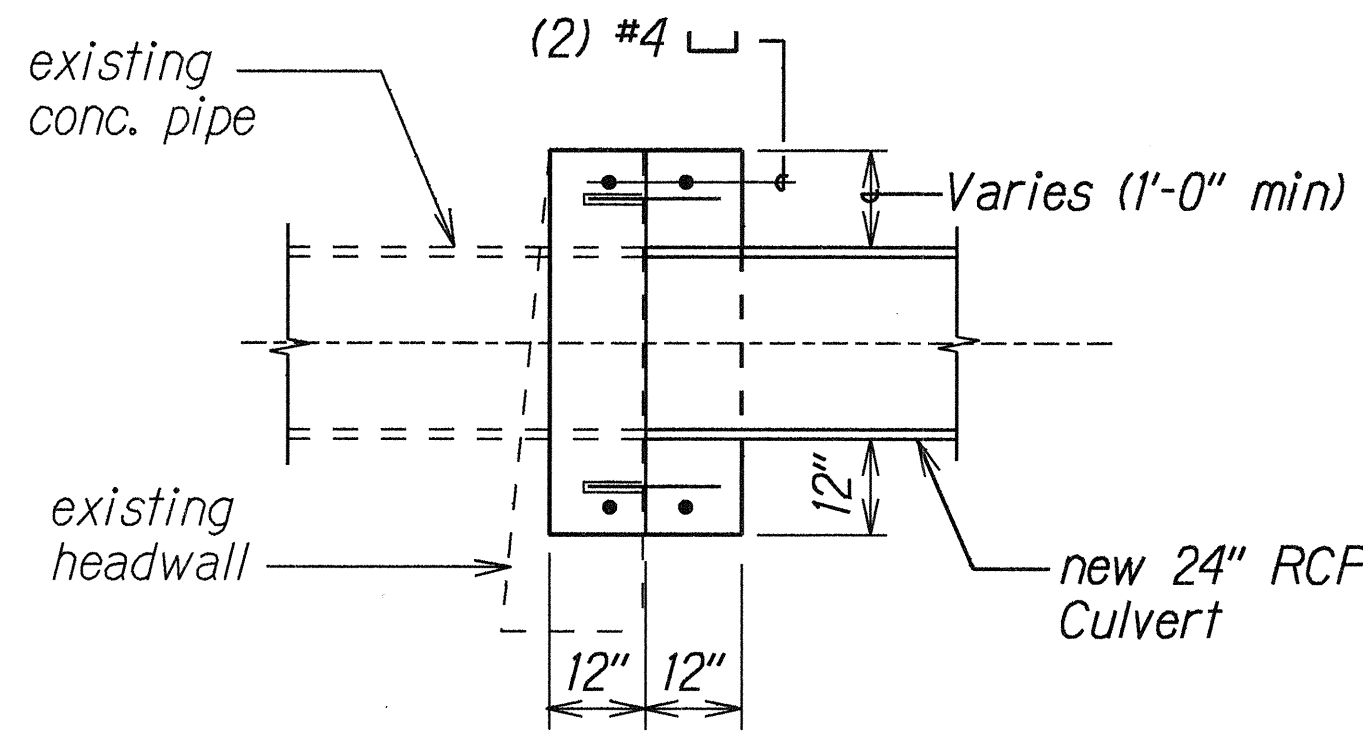
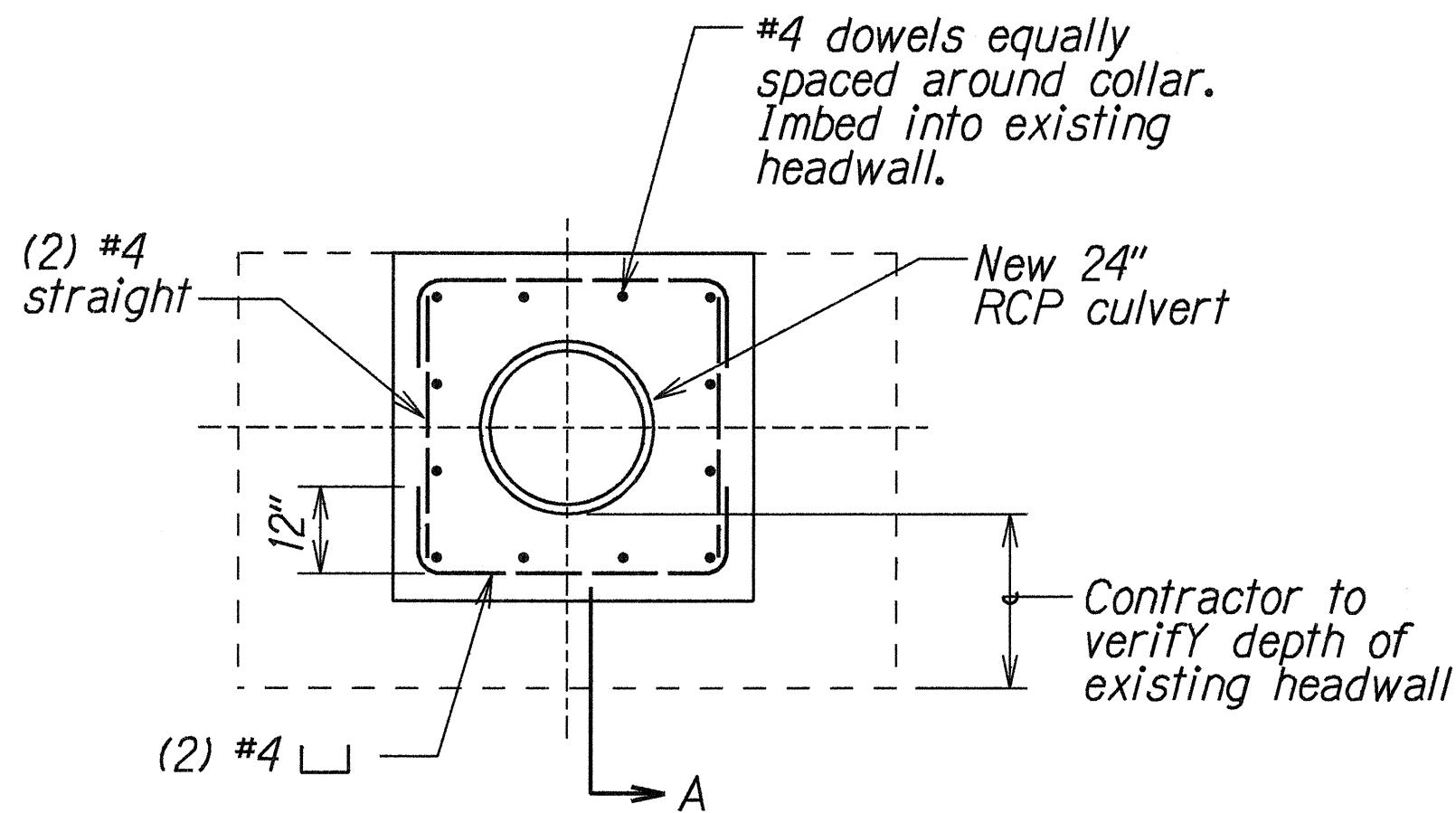
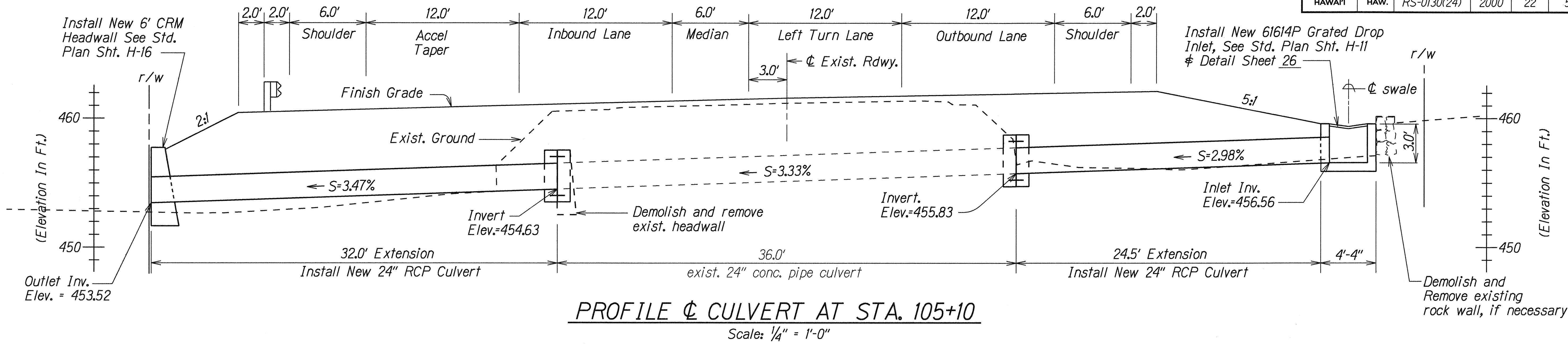
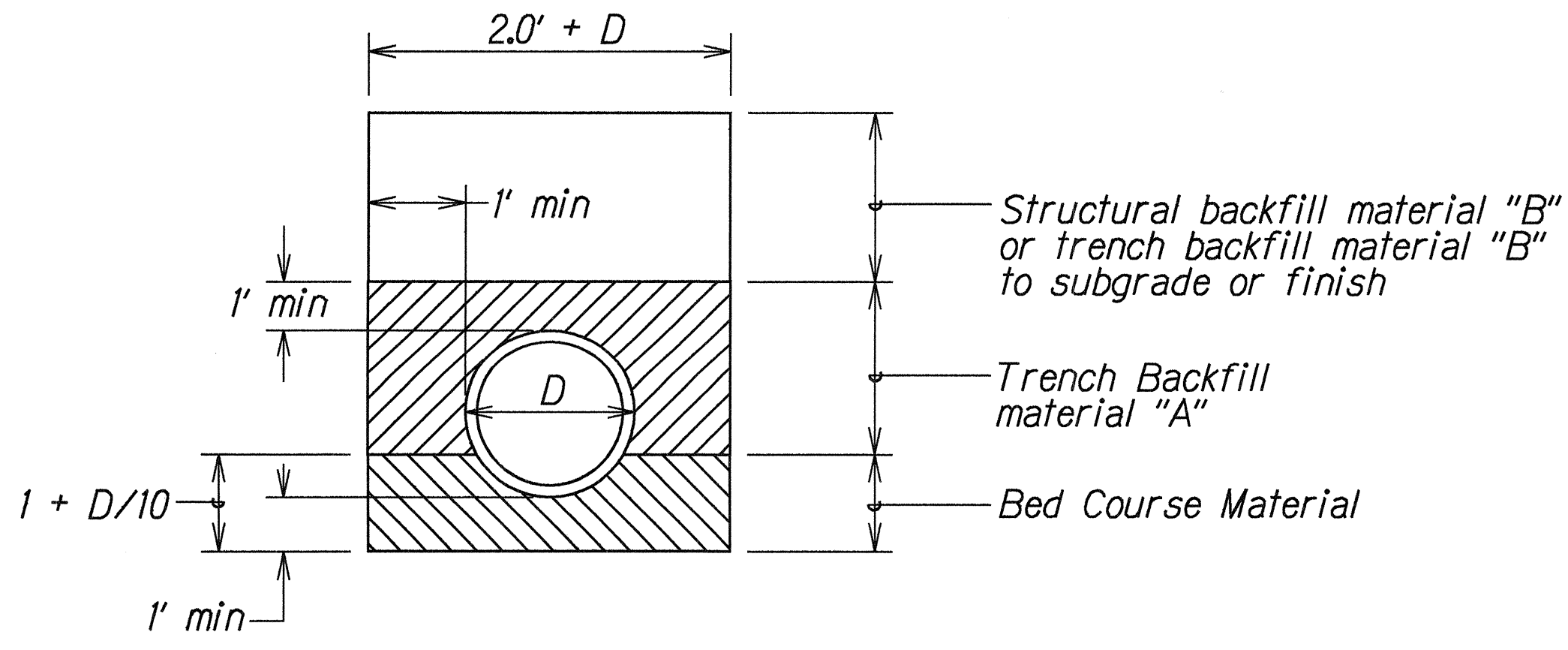


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0130(24)	2000	22	55



CONCRETE COLLAR DETAIL

Scale: $\frac{1}{2}" = 1'-0"$



ESTIMATED DRAINAGE QUANTITIES									
DRAINAGE FACILITY	DESCRIPTION	Structure Excavation	Structure Backfill	Class "A" Concrete	Reinforcing Steel	Bed Course Material	Trench Backfill Material "A"	24-inch Reinf. Concrete Pipe, Class III	CRM
☒	Station	C.Y.	C.Y.	C.Y.	L.F.	C.Y.	C.Y.	L.F.	C.Y.
	105+10	71	24	2	100	12	20	57	5

- NOTE :
- Drop Inlet and Grate to Conform to State Standards, See Standard Plan Sheet H-11 & H-13.
 - See Sheet 19, Makuu Side Road Plan for Swale Limits.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PIPE CULVERT DETAIL
AT STA. 105+10
KEA'AU-PĀHOA ROAD
PARADISE PARK SECTION-PHASE II & III
F.A. PROJECT NO. RS-0130(24)

Scale: As Shown
Date: May, 2000

SHEET No. 1 OF 1 SHEETS

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	DESIGNED BY	
4/10/2001	CHECKED BY	
No. 100		