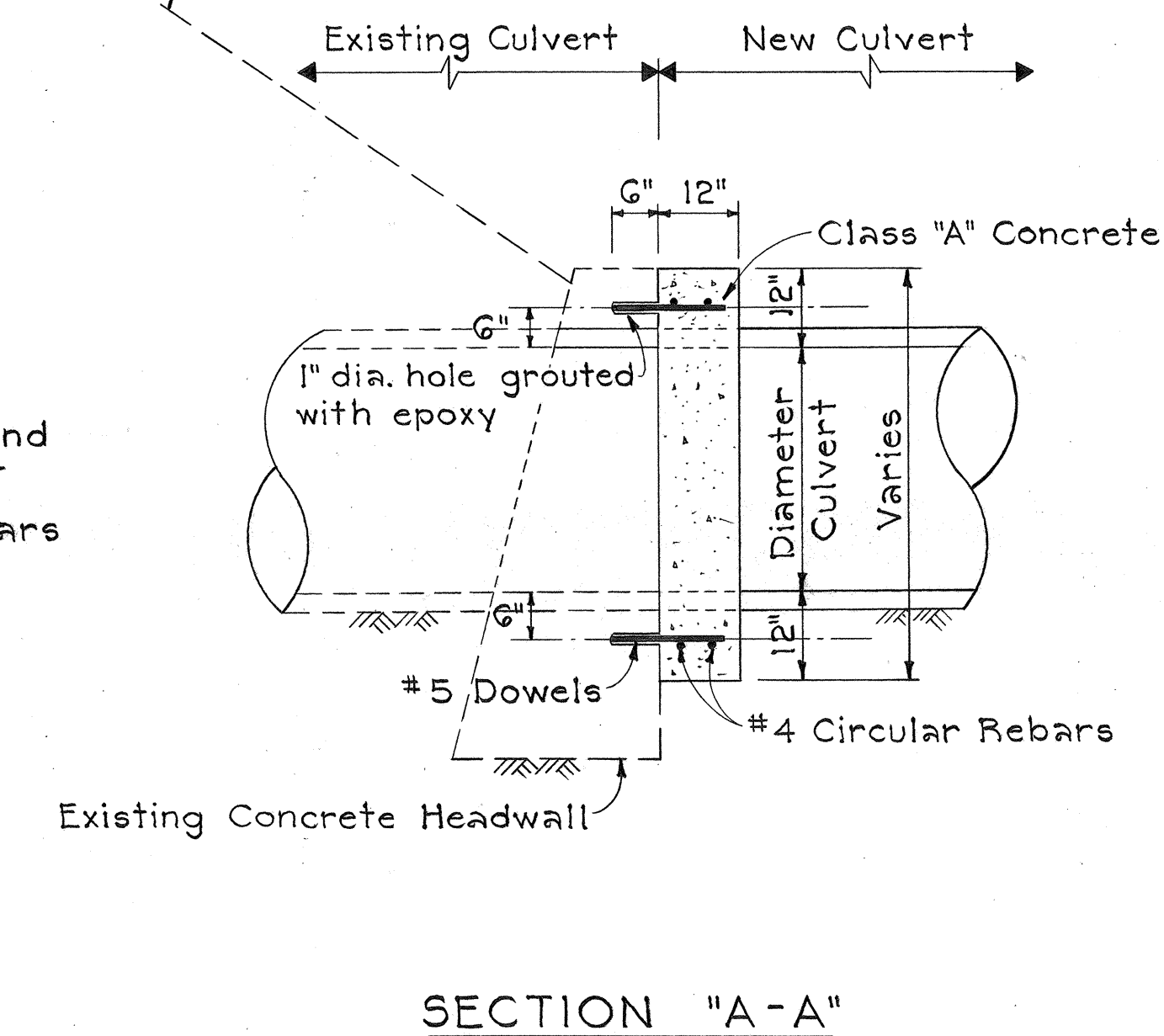
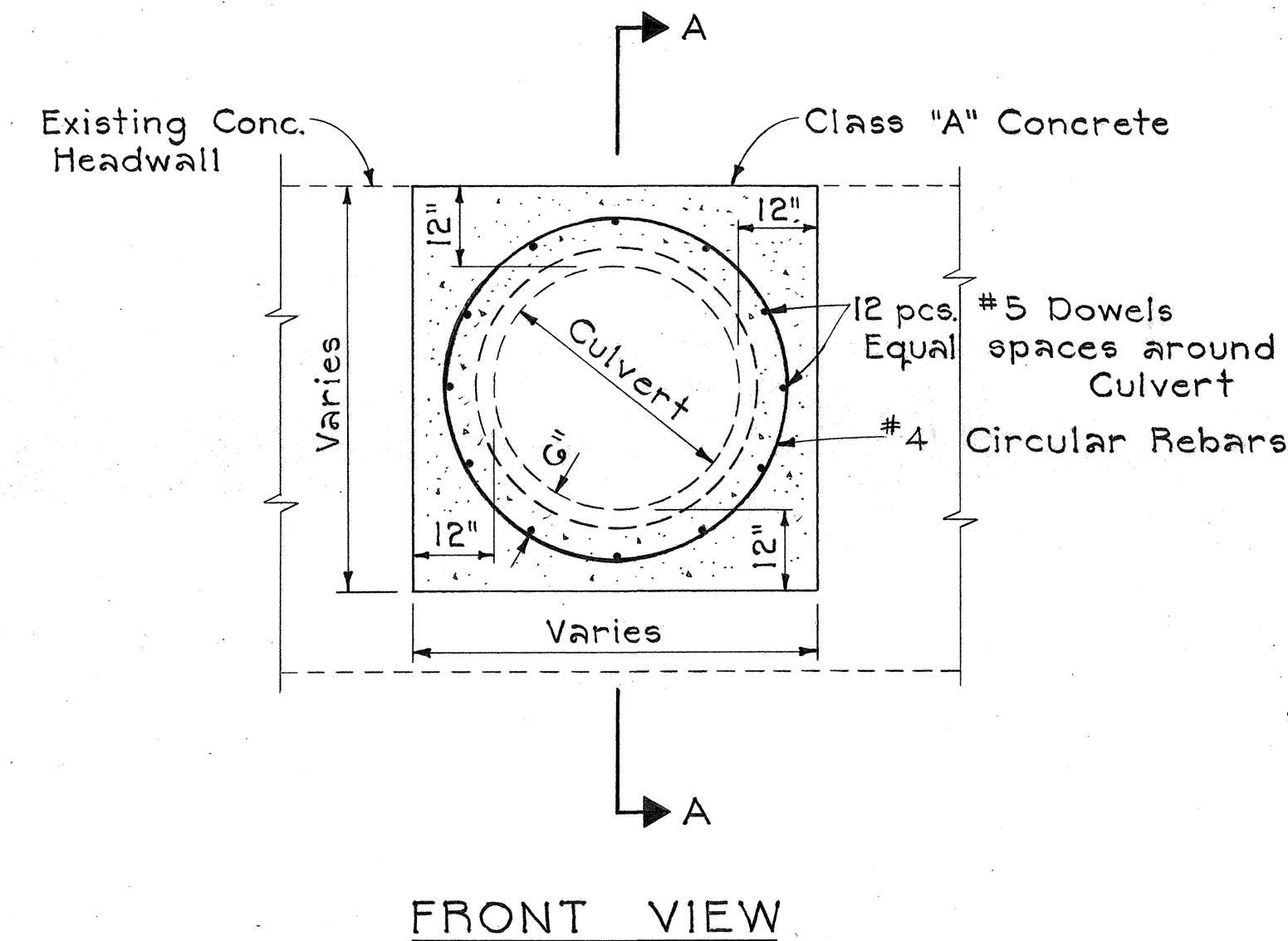
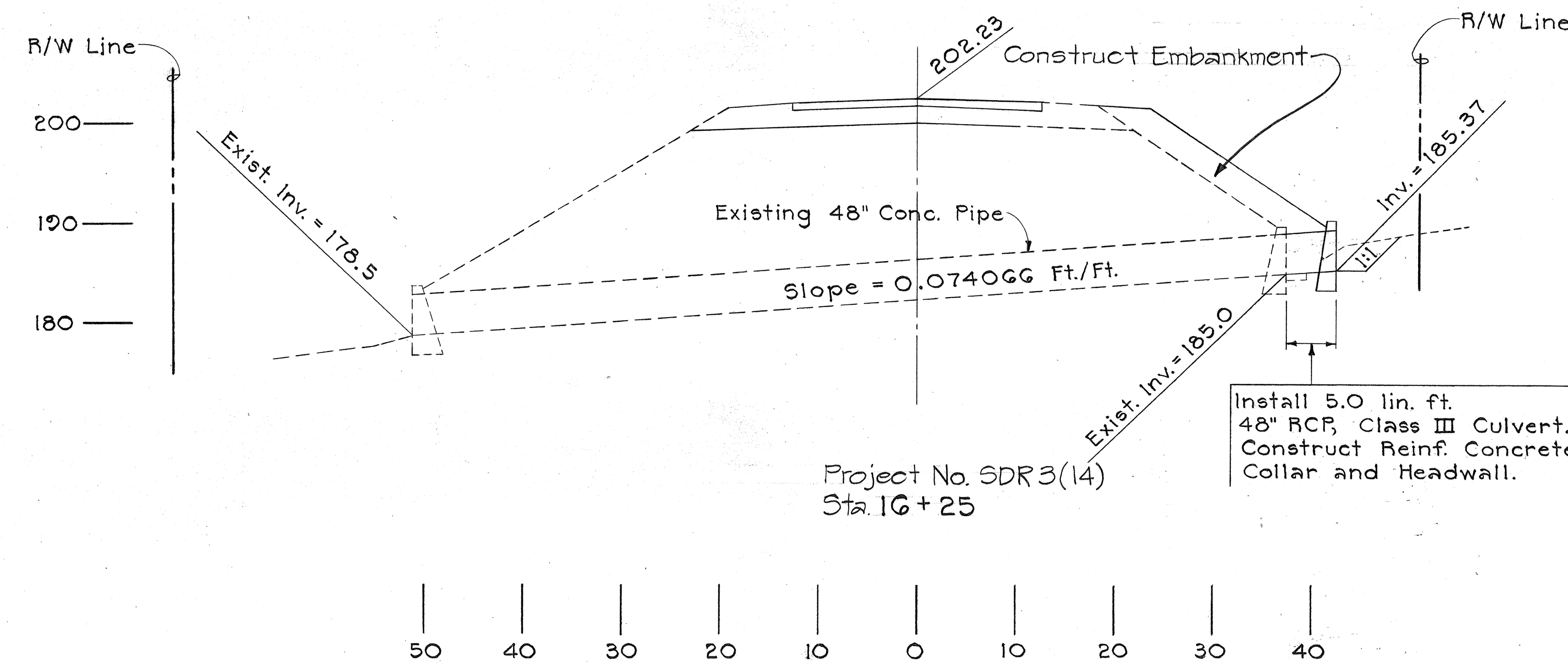
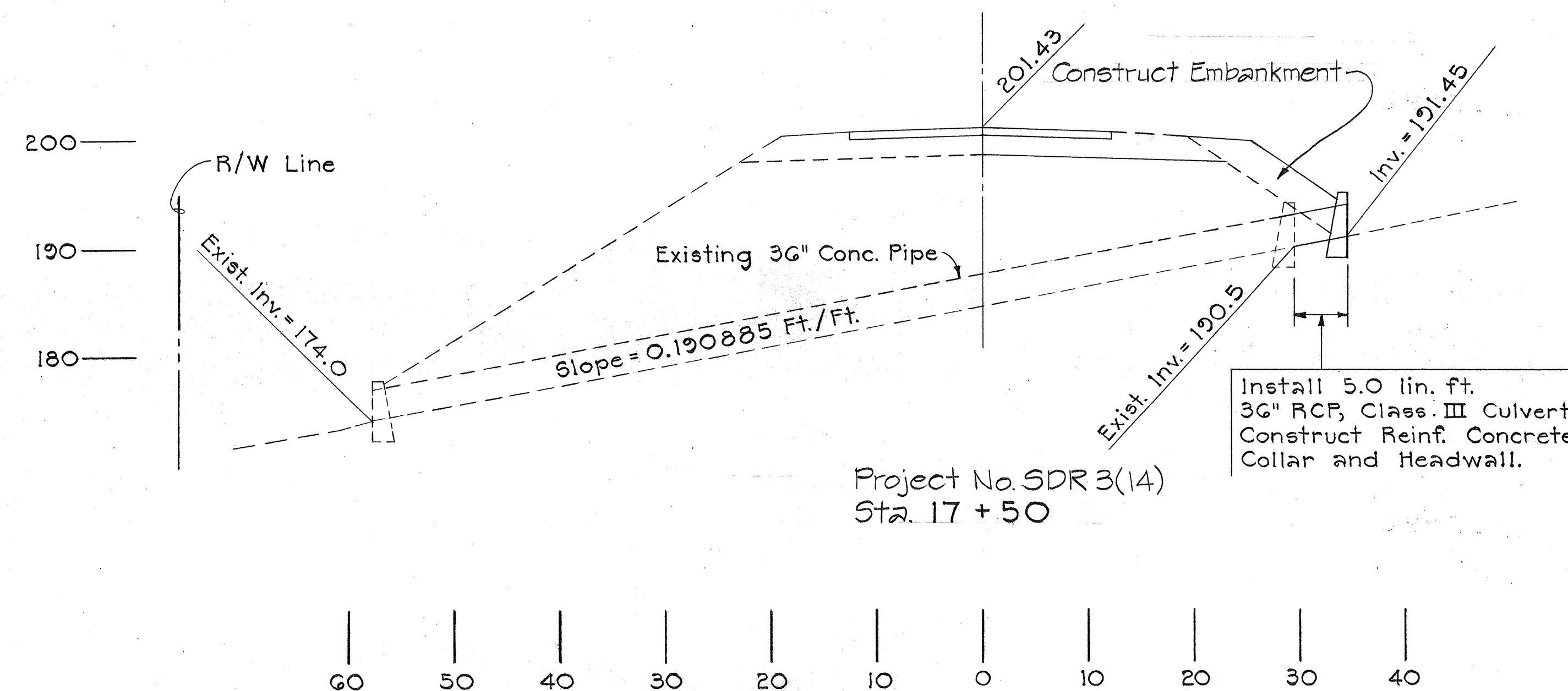


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ROS-019-2(15)	1978	7	20



DETAIL OF CONCRETE COLLAR
Scale: 1/2" = 1'-0"



Note:

- Item No. 203.0200, Imported Borrow, Sta. 15+25 to Sta. 18+50 approximately 600 c.y. to be paid as lump sum.
- Structural Excavation, Backfill, Bed Course Material, and Ditch & Channel Excavation shall be incidental to the pipe culvert installation.
- For Concrete Headwall details, see sht. no. 20. Reinforcing Steel for Headwall will be incidental to that item.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

9/15/78	Notes No. 1, 2, & 3 added
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DRAINAGE PLAN
AHOE TO WAIKAUMALO BRIDGES
FEDERAL AID PROJECT No. ROS-019-2(15)
Scale: As Noted Date: Apr. 1978
SHEET NO. 1 OF 1 SHEETS