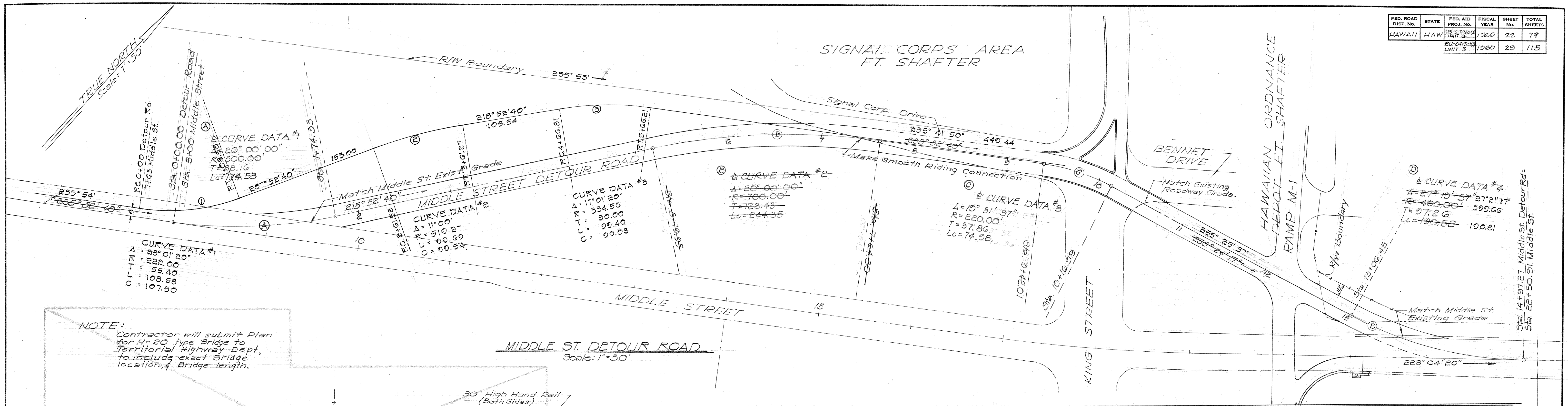
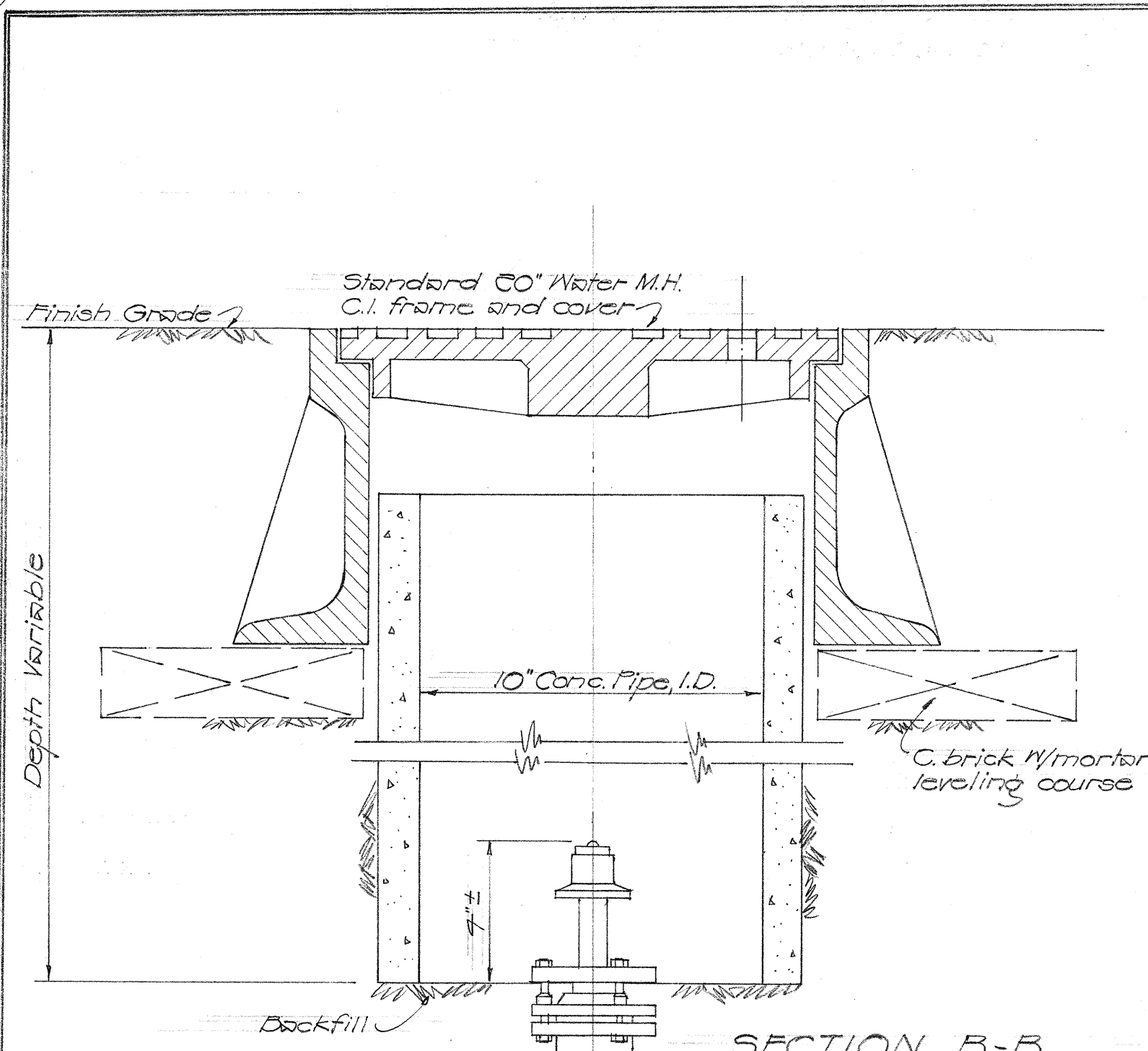
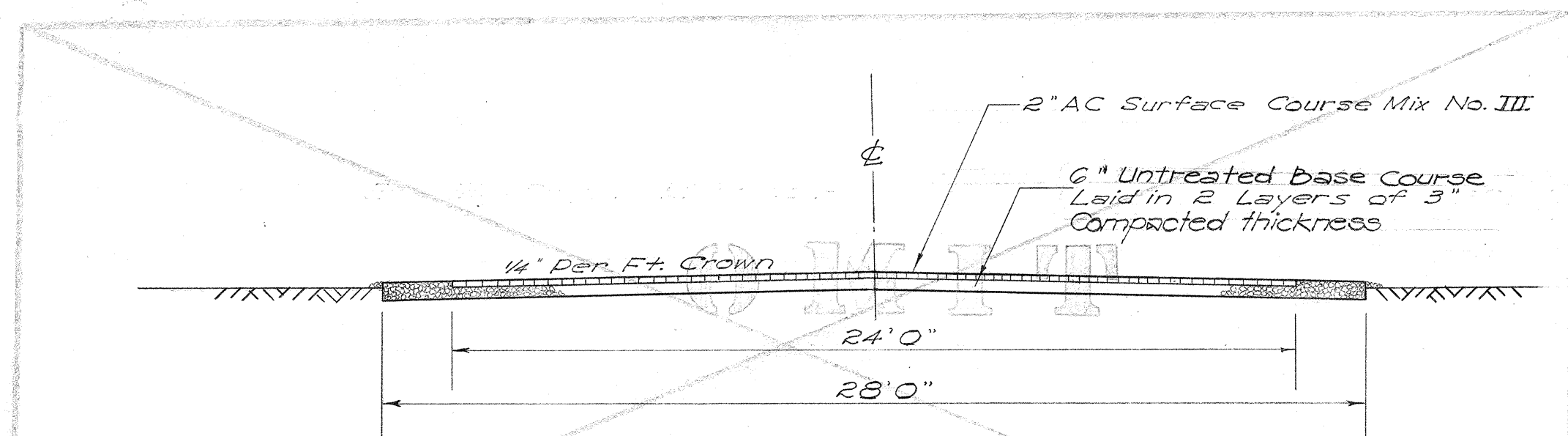
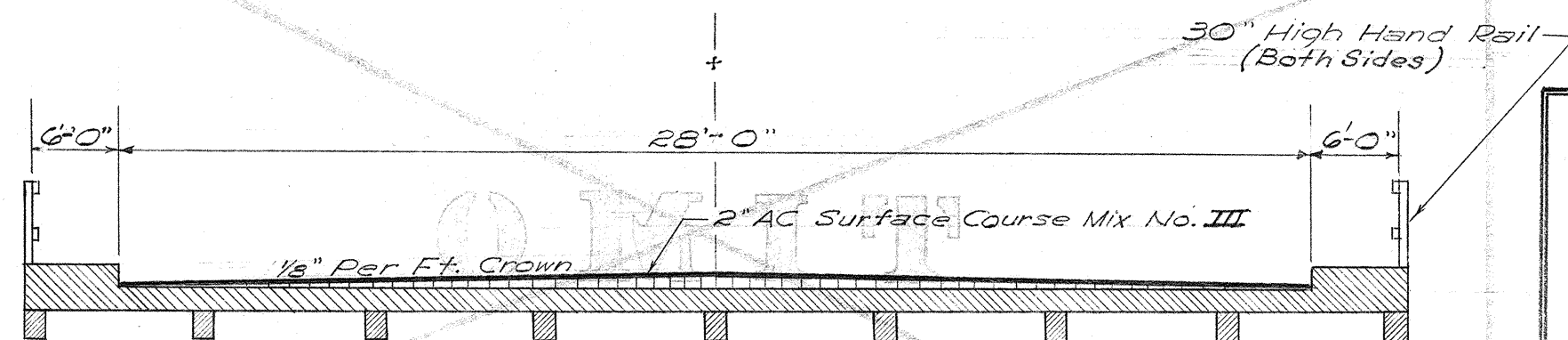


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	US-5-0720(3)	1960	22	79
		BU-065(1)	UNIT 3	23	115



NOTE:
Contractor will submit Plan for H-20 type Bridge to Territorial Highway Dept. to include exact Bridge location, & Bridge length.

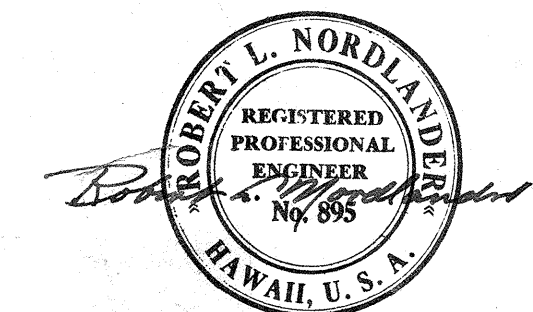


Temporary 4" x 3" Water connection (To be done before start of construction Phase I) & cover over pipe required
Materials required:
170 L.F. 4" Mechanical joint C.I. pipe
1-4" 1/4 Bend M.J.
5-4" 1/2 Bend M.J.
7-Conc. blocks
1-4" plug tapped for 1/2" pipe thread (M.J.)
1-4" cap tapped for 1/2" pipe thread (M.J.)
1-4" temporary clevis
6-4" sleeve 15" long (L.J.)
1-4" x 3" Tee (M.J.)
1-4" x 3" reducer (M.J. & M.J.)
1-3" connecting piece (M.J. & threaded)
1-7" connecting piece (M.J. & P.E.)
3-4" G.V. H.E. (Rauo)
5-Temporary valve box

Temp. location of 42" water line
Construct 42" Water Line (detour) in conjunction with construction Phase I of Structure C-D
260 Lin. Ft. of 42" C.I. pipe required
Construction Joint Sta. 10+15
Construction Phase II
Service to be installed before Phase I
Construct 42" Water Line in conjunction with construction Phase II of Structure C-D

NOTE:
See Water Plan and Profile Sht. No. 3 of 5 for details.
This temporary line to be laid according to the standards of DWS and requires a minimum cover of 3 feet.

COORDINATED CONSTRUCTION OF 42" WATER LINE & STRUCTURE C-D
Scale: 1" = 50'



W.D. Finck 8/7/57
ASSISTANT CHIEF ENGINEER
BOARD OF WATER SUPPLY

BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

MIDDLE ST. DETOUR RD. & TEMPORARY 42" WATER LINE (AT STRUCTURE "C-D")

MOANALUA ROAD US-5-0720(3) UNIT 3
MIDDLE STREET BU-065-(1) UNIT 3

Sheet No. 41 DELETED
SHEET No. 1 OF 1 SHEETS

DATE	12/15/57
SURVEY PLOTTED BY	Legacy
DESIGNED BY	W.D.F.
DRAWN BY	W.D.F.
CHECKED BY	W.D.F.
QUANTITIES CHECKED BY	W.D.F.
NO.	

S526.22

S161.29