

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BRF-013-2(18)	1981	C.O. 9	

- ① Begin Waterline Sta. 0+00
Connection to existing 4" Waterline
1- 4" Transition Coupling

- ② Waterline Sta. 0+03
1- 4" 45° Bend, M.J. w/ Retainer Glands
1- Temporary 2" C.O. w/ M.J. Cap for testing (incidental to new pipe)
1- Concrete Block and necessary pipe nipples

- ③ Waterline Sta. 0+03

Relocate existing water meters by D.W.S.
Install new 1 1/4" Type B Service Lateral by Contractor
20 L.F. 1 1/4" Copper Pipe
2 ea. Standard 5/8" Meter and Box Installation
40 L.F. 1" Copper Pipe (Consumer Pipelines)
2 ea. 4" G.I. Pipe Sleeve, 30 Ft. (Incidental to Copper Lateral)

- ④ Waterline Sta. 0+10
1- 4" 45° Bend, M.J. w/ Retainer Glands
1- Concrete Block

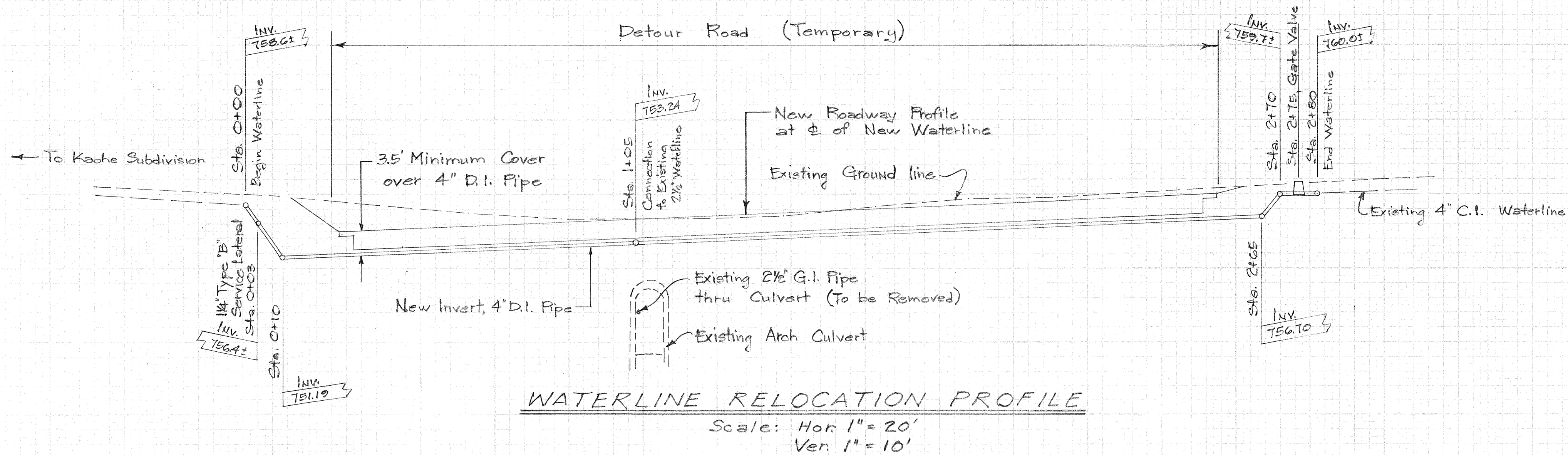
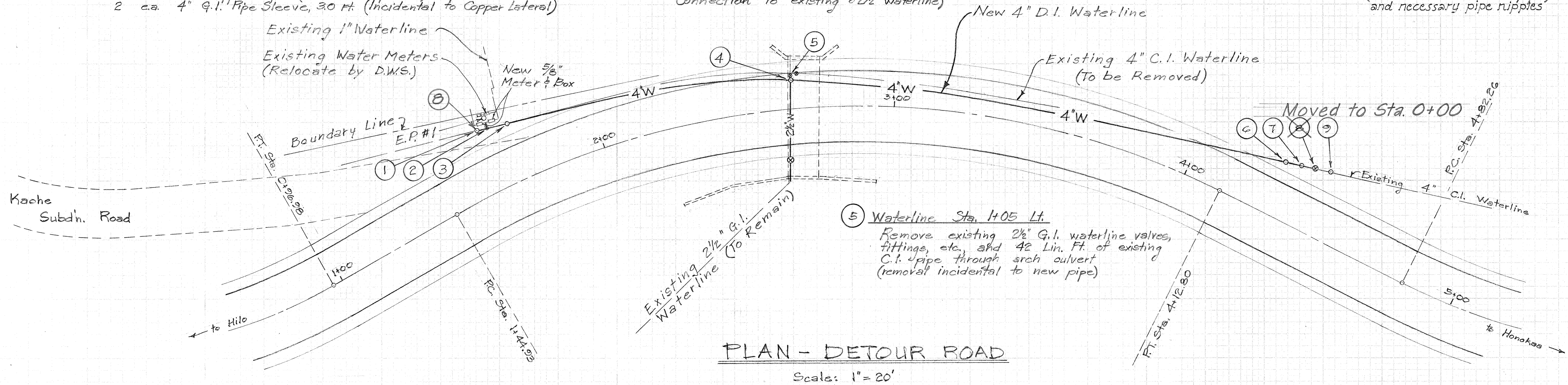
- ⑤ Waterline Sta. 1+05 Rt.
Connection to existing 2 1/2" G.I. waterline
1- 4" Service Saddle w/ 2" x 2 1/2" Corp. Stop
1- 2 1/2" G.I. Union
1- 2 1/2" Gate Valve
2- 2 1/2" x 2 1/2" 90° G.I. Elbow
1- 6" G.I. Pipe Sleeve
1- Brick Valve Box w/ C.I. Frame and Cover
1- Concrete Block
40 Lin. Ft. - 2 1/2" G.I. Pipe (Furnishing and installing incidental to connection to existing 2 1/2" waterline)

- ⑥ Waterline Sta. 2+65
1- 4" 45° Bend, M.J. w/ Retainer Glands
1- Concrete Block

- ⑦ Waterline Sta. 2+70
1- 4" 45° Bend, M.J. w/ Retainer Glands
1- Concrete Block

- ⑧ Waterline Sta. 0+00
1- 4" Gate Valve, M.J.
1- Frame and Cover
1- Concrete Block

- ⑨ End Waterline Sta. 2+80
Connection to existing 4" C.I. pipe
1- 4" Transition Coupling
1- Concrete Block
1- Temporary 2" C.O. w/ M.J. Cap for Testing (incidental to new pipe) and necessary pipe nipples



C.C.O. #2

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WATERLINE RELOCATION

Hawaii Belt Road
Aamau Stream Bridge Replacement
F.A. Proj. No. BRF-013-2(18)

Scale: As Shown Date: Oct. 1981
Sheet no. 1 of 1 Sheets

Approved by [Signature]
Manager, Dept. Water Supply

Date: 10/15/81

C.O. 9

TR-9

WATERLINE NOTES

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WATERLINE RELOCATION PROFILE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WATERLINE RELOCATION
PROFILE
Hawaii Belt Road
Aamau Stream Bridge Replacement
F.A. Proj. No. BRF-019-2(18)
Scale: As Shown Date: Nov. 1978

SHEET NO. 2 OF 2 SHEETS