

WATERLINE NOTES

1. All materials and construction of waterline and appurtenances shall be in accordance with the Board of Water Supply, County of Kauai.
2. Water main shall be of 6" Asbestos Cement Pipe Class 150, with Cast Iron slip on fittings unless otherwise noted.
3. The minimum earth cover for water mains shall be 3'-0" unless otherwise directed by the Engineer.
4. Contractor shall have the approval from the Board of Water Supply, County of Kauai as to the type of Straight Coupling required.

Sta. 34+70 Lt.
Connect to existing 4" Galv. Waterline.
1- 6" C.I. Cap w/4" ipt Top 36 lb.
3- 4" Galv. 1/2 Bend 0.75 c.y.
3- Reaction Blocks
30 L.F. 4" Galv. Pipe
65 L.F. 6" A.C. Pipe
1- 4" Straight Coupling

Existg. 4" Galv. Pipeline
New 4" Galv. Pipeline
Straight Coupling - Payment incidental to the various items of work. (Type to be approved by B.W.S., County of Kauai)

Curve Data
 $\Delta = 47^\circ 13'$
 $\Delta/2 = 23^\circ 36' 30''$
 $R = 1000.00'$
 $T = 437.06'$
 $C = 800.96'$
 $LC = 824.09'$

TYPICAL SECTION SHOWING LOCATION OF NEW 6" A.C. PIPE

Scale: 1/2" = 1'-0"

4'-0" Shoulder Width
2'-0" 2'-0"
A.C. Paved Shoulder where required
Conc. Gutter where required
5'-3" Min. Cover
#14 TW Solid Copper Wire to be attached to all A.C. Pipes
6" A.C. Pipe

Sta. 33+17 Rt.
Remove existing 6" x 6" Tee and connect to existing 6" G.V.
6 L.F. 6" A.C. Pipe
1- 6" 1/4 Bend 110 lb.
1- Reaction Block 0.50 c.y.

Sta. 34+40
Remove or abandon existing 4" Galv. Pipeline as directed by the Engineer. (Incidental to the various contract items.)

Sta. 34+70 Rt.
1- 6" x 6" Tee 160 lb.
2- 6" G.V.
2- C.I. Valve Box w/ Conc. Slab
1- Conc. Block 0.25 c.y.

Sta. 42+30
Connect to existing 6" G.V.
1- G.M.O.A. (Incidental to 6" A.C. Pipe, Class 150)

Sta. 30+00 to 42+30
Remove or abandon existing 6" C.I. Pipeline as directed by the Engineer. (Incidental to the various contract items.)

Curve Data
 $\Delta = 78^\circ 19' 30''$
 $\Delta/2 = 39^\circ 09' 45''$
 $R = 575.00'$
 $T = 665.26'$
 $C = 870.05'$
 $LC = 986.76'$

5. Wherever connections to existing mains are shown in the plans, the Contractor shall expose the existing mains by hand excavation to verify their locations and depth prior to excavating trenches for new mains.

6. Prior to connecting to the existing pipelines, the new pipeline shall be chlorinated and flushed by the Kauai County Board of Water Supply. The Contractor shall notify the Board of Water Supply 12 hours prior to making the connection.

7. Connections to existing mains to be done by the Board of Water Supply.

8. Steel straps for reaction blocks, if required, shall be incidental to Item No. 503.201 Class "B" Concrete.

9. The Contractor shall restore all existing facilities, including landscaping, removed or damaged as a result of his operations. No additional payment shall be done for this work.

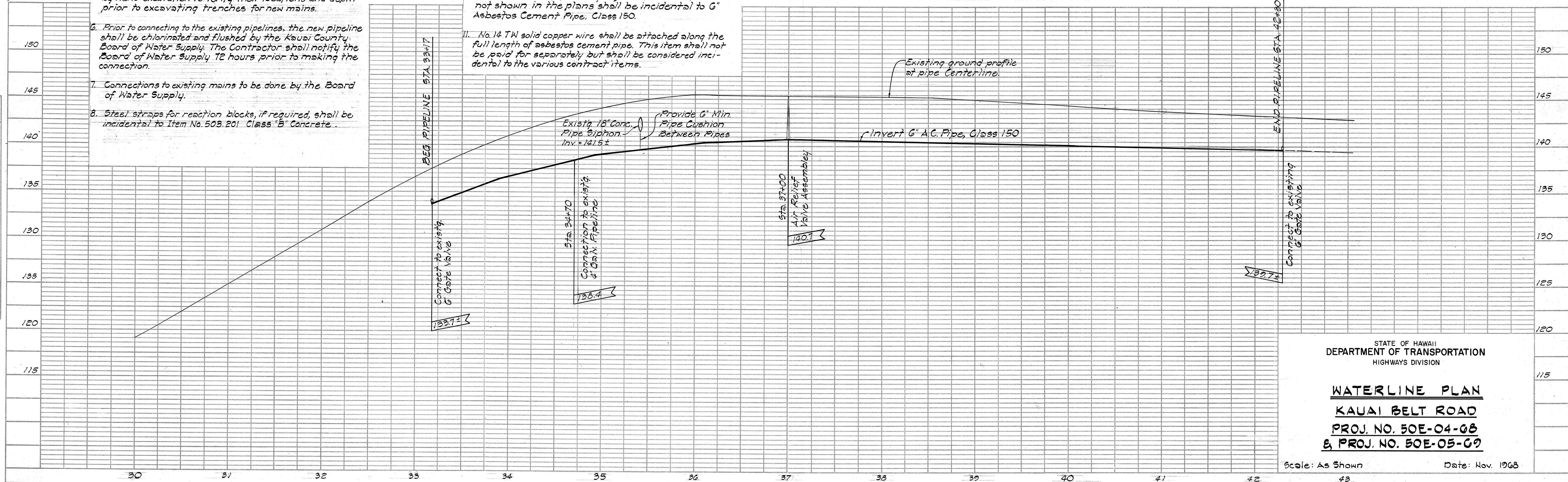
10. All miscellaneous pipe fitting required for connections but not shown in the plans shall be incidental to 6" Asbestos Cement Pipe, Class 150.

11. No. 14 TW solid copper wire shall be attached along the full length of asbestos cement pipe. This item shall not be paid for separately but shall be considered incidental to the various contract items.

12. Prior to commencing operations, the Contractor shall request the Kauai Board of Water Supply to locate the existing mains and appurtenances, if any. The Contractor shall expose all waterline crossings prior to excavating.

DATE	BY	SURVEYED	PLOTTED	ALIGNED	CHECKED	NO.

DATE	BY	PROFILE	SURVEYED	PLOTTED	STRUCTURE	NOTATION	NO.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WATERLINE PLAN
KAUAI BELT ROAD
PROJ. NO. 50E-04-08
& PROJ. NO. 50E-05-09

Scale: As Shown

Date: Nov. 1968