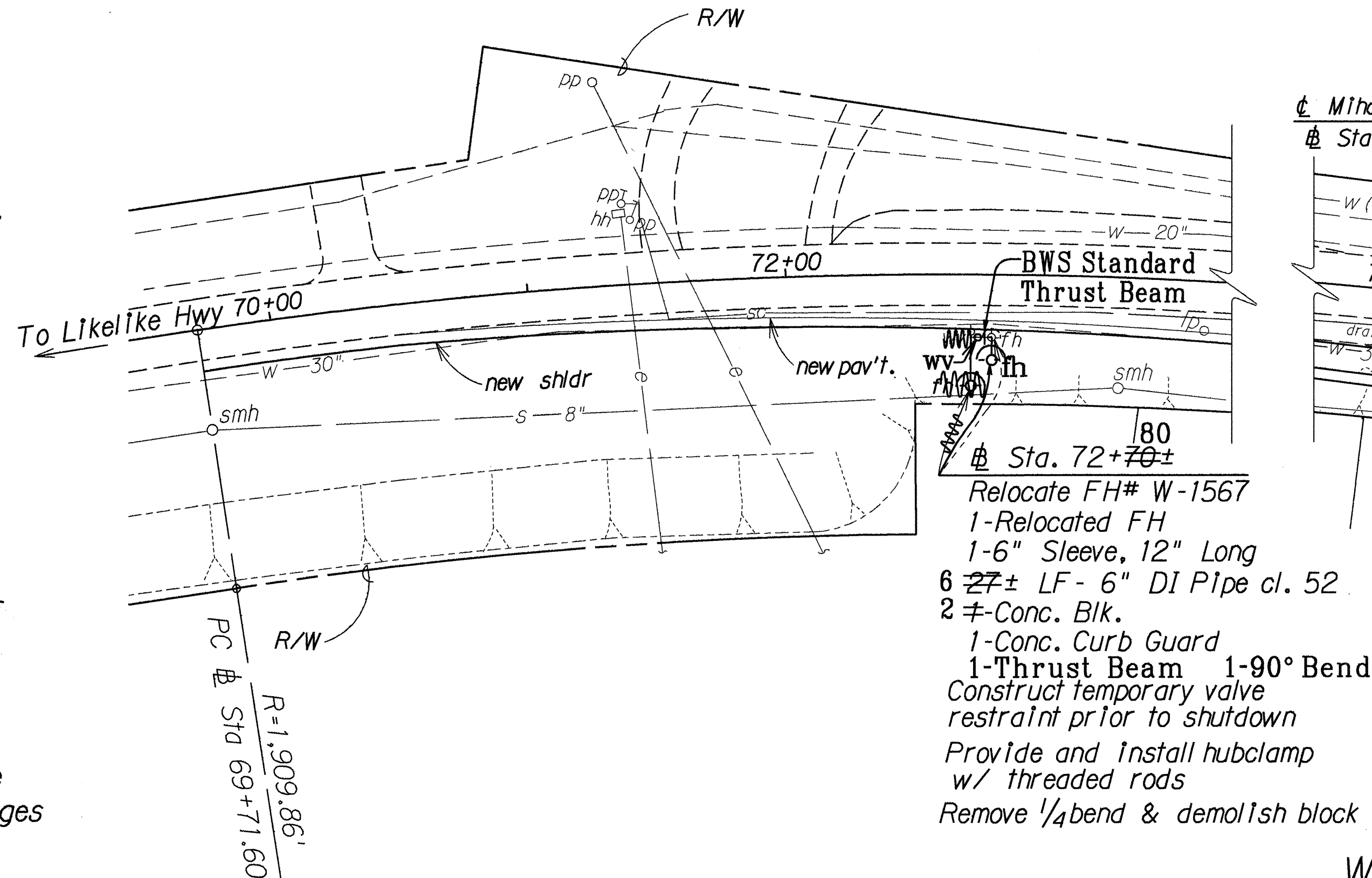


# BOARD OF WATER (BWS) NOTES:

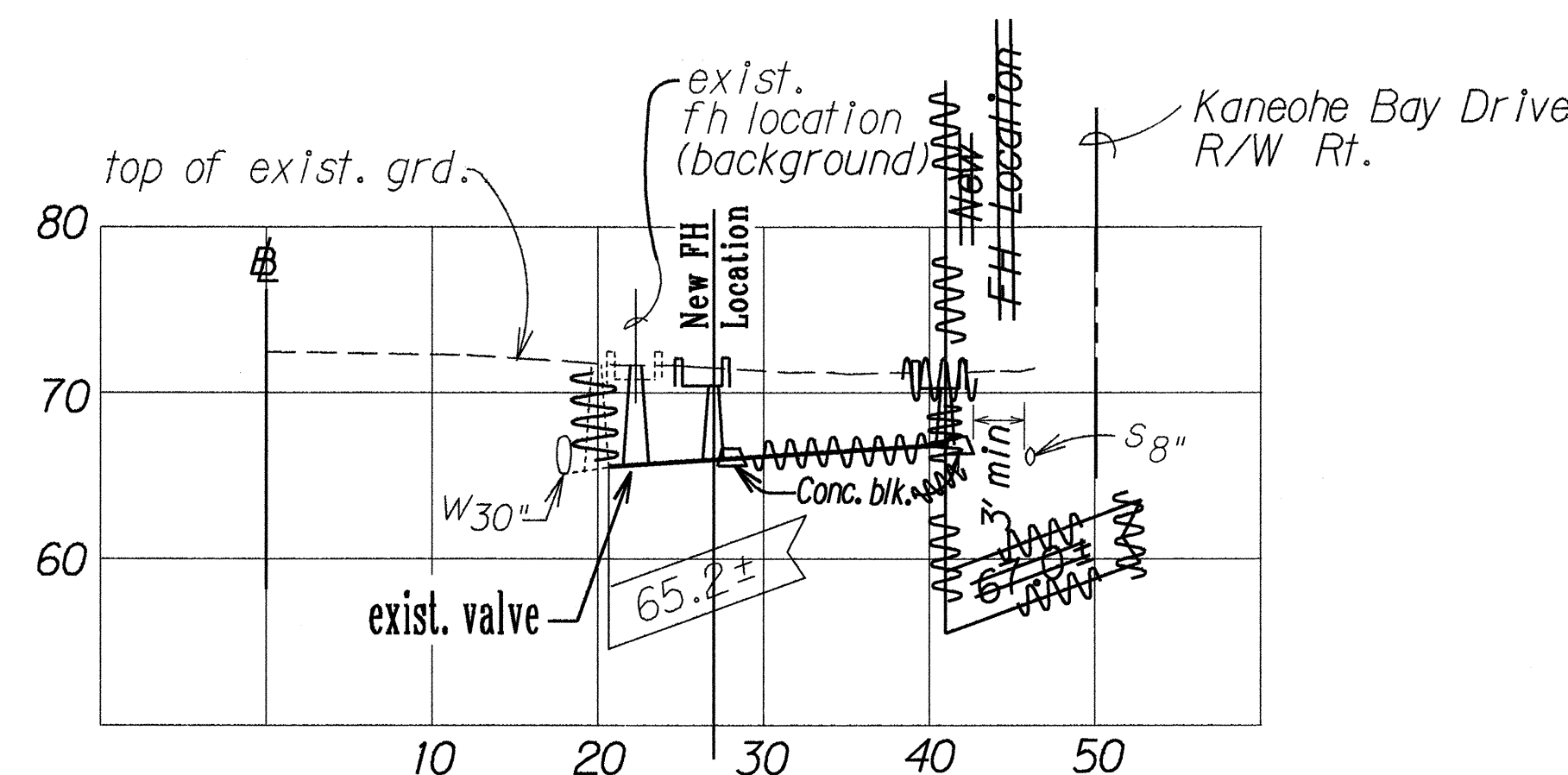
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65A-02-90	1992	6	9

- Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the City & County of Honolulu Board of Water Supply's "Water System Standards," Volume 1, Dated 1985 and the "Approved Material List and Standard Details for Water System Construction", Volume 2, Dated 1985, and all Subsequent Amendments and Additions.
- Prior to excavating for roadway, new drain, sewer, and other utility lines, the Contractor shall verify in the field the location of existing water main and appurtenances.
- The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the water system.
- All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply. All other features of the water system, such as lines, grades, fittings etc., and drainage and other features of Improvements shall not be the responsibility of the Board of Water Supply.
- The existence and location of underground utilities and structures as shown on the plans are from the latest available data but is not guaranteed as to the accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.
- Test pressure shall be prevailing line pressure, joints left exposed for 24 hours.
- The Contractor shall be responsible for the protection of all water lines during construction. The Contractor shall exercise extreme caution when excavating behind water lines, tees, bends and where exist a possibility of water line movement due to the removal of the supporting earth beyond the existing reaction blocks. The Contractor shall take whatever measure necessary to protect the water lines, such as constructing special reaction blocks (with BWS approval) and/or modifying his construction method.
- The Contractor shall verify all existing service lateral locations whether shown or not shown on the plans prior to commencing with any work and shall not assume that where no services are shown, none exists.
- Prior to installation, the Contractor shall submit for approval by Board of Water Supply, the manufacturer's certification that all cast Iron (gray or ductile) fittings for the project conform in all respects to the Water System Standards, dated 1985.
- Polygon shape for mechanical joint glands as described in AWWA Standard C111 shall be "straight-sided" or an approved equal on a job to job basis.
- Reapproval shall be required if this project is not under construction within a period of two years.
- The Contractor shall chlorinate the entire inside surface of each pipe and fitting with disinfection solution of 5 ounces of sodium hypochlorite mixed with 10 gallons of water.
- Any adjustments to the existing water system required during construction to meet requirements of BWS Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.



FH RELOCATION PLAN

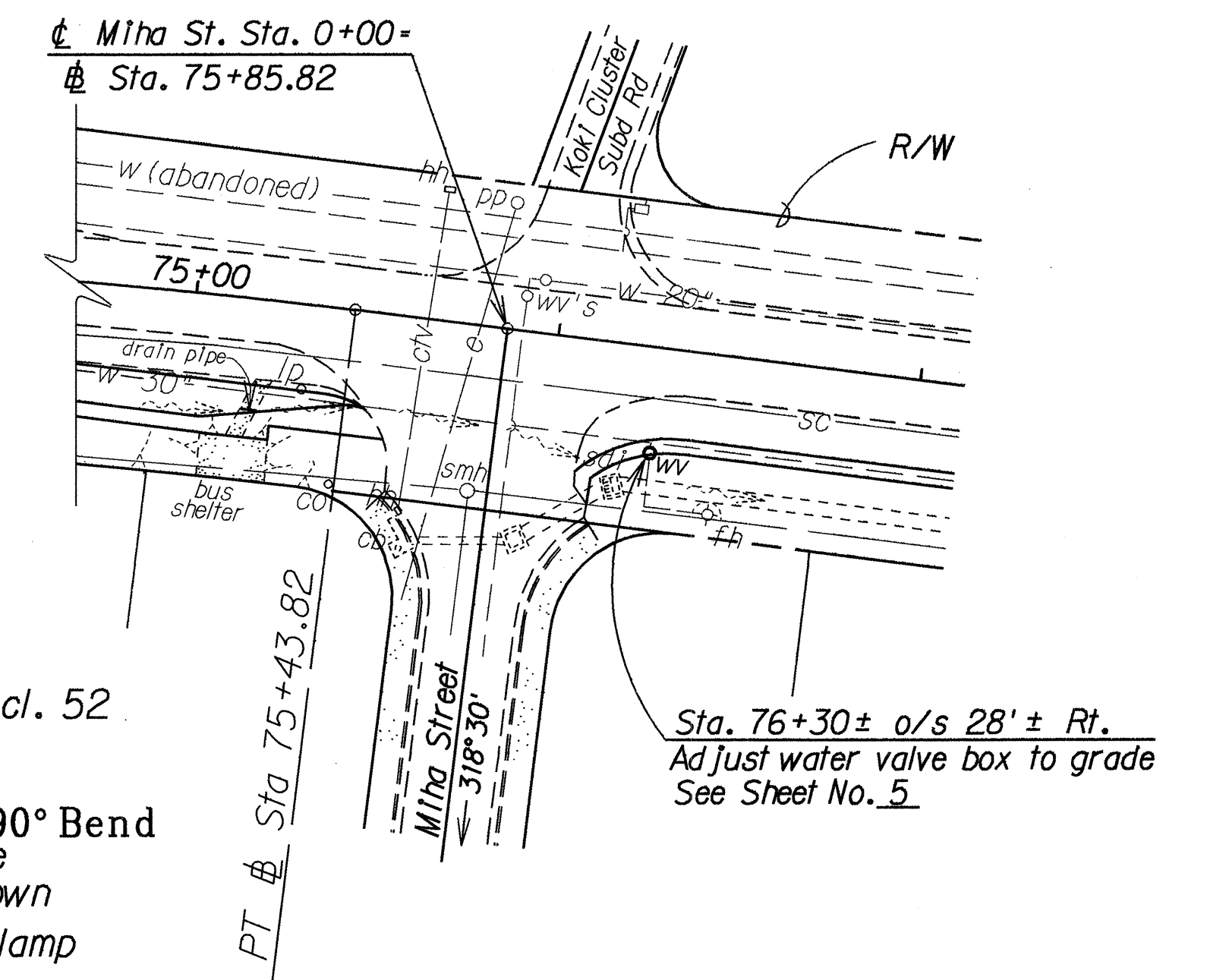
Scale: 1" = 40'



FH RELOCATION PROFILE

Sta. 72+70± 80

Scale: 1" = 10'



WATER VALVE BOX ADJUSTMENT

AT MIHA STREET

Scale: 1" = 40'

WATER METER SCHEDULE

HOUSE No. at Kaneohe Bay Dr.	SERVICE No.	METER No.
45-040	640-51095-1	90032562
45-042	640-51145-1	89022361
45-044	640-51195-1	88020079
45-048	640-51245-1	89030132
45-052	640-51295-1	21909856

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

APPROVED:

CHIEF, PLANNING & ENGINEERING, BWS

DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**BWS NOTES**

Kaneohe Bay Drive  
Intersection Improvements at Miha Street  
Project No. 65A-02-90

Scale: As Shown Date: Oct 1991  
SHEET NO. 1 OF 1 SHEETS