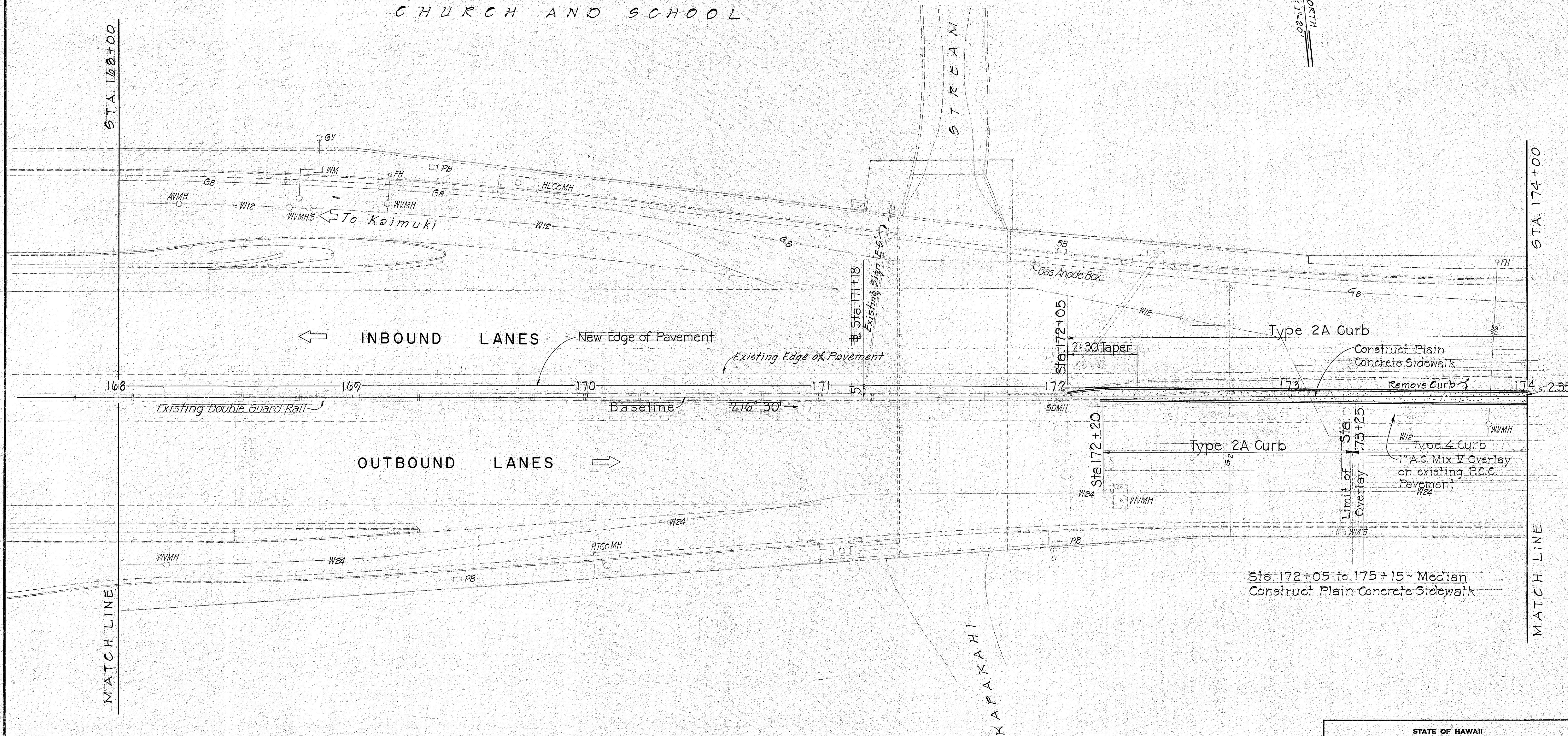


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-9001(28)	1978	4	39

TRUE NORTH
SCALE: 1"=20'

STAR OF THE SEA
CHURCH AND SCHOOL



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
APPROVED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

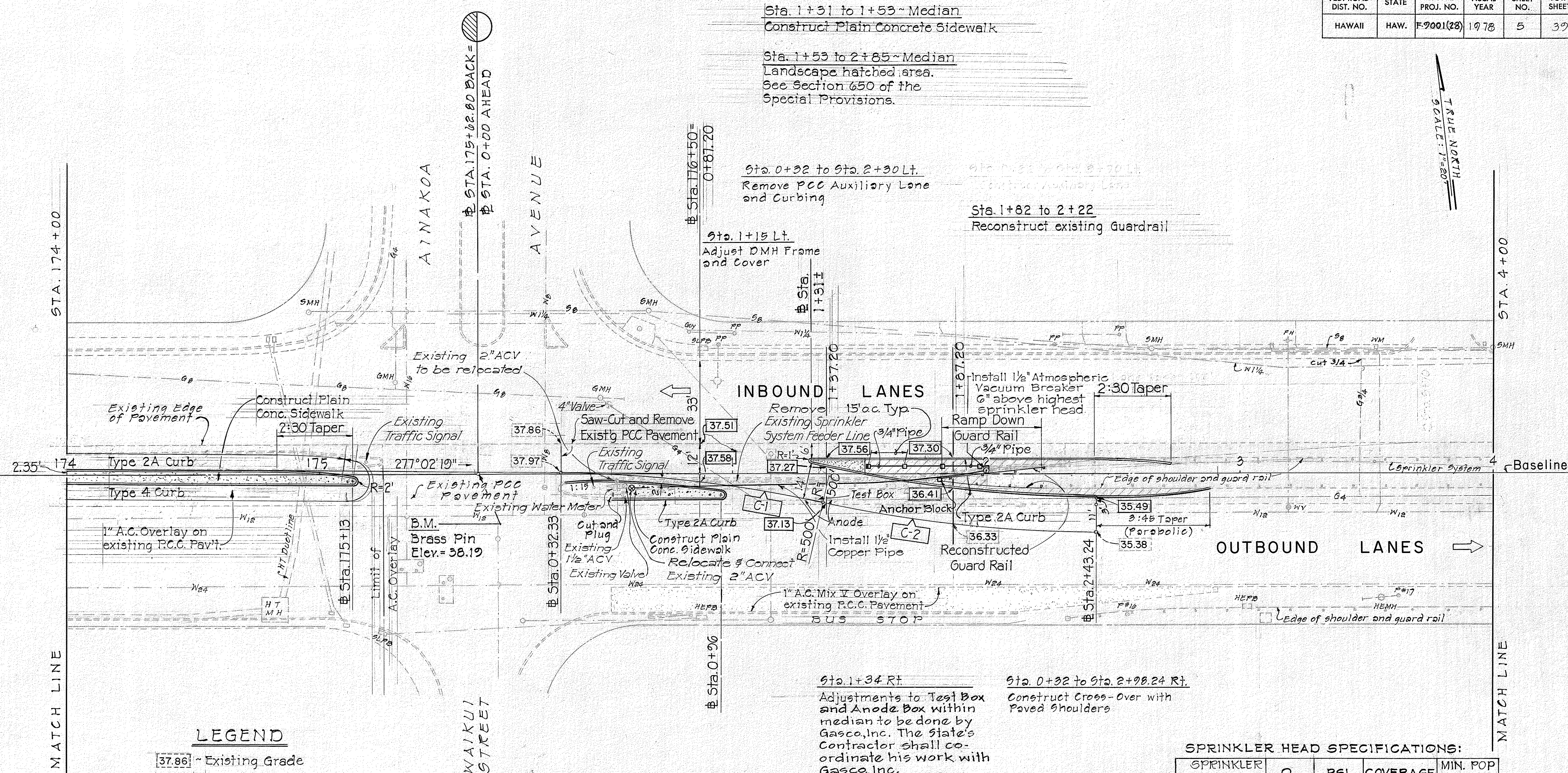
PLAN

KALANIANA'OLE HIGHWAY
CONTRA-FLOW LANE VICINITY OF AINAKOA AVE.
TO KIRKWOOD STREET

PROJECT NO. F-9001(28)

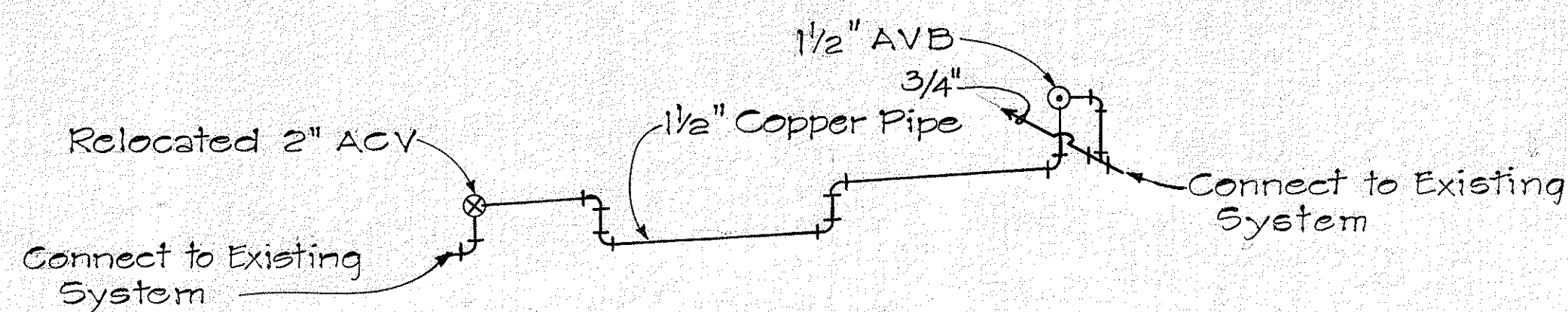
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-9001(28)	1978	5	39

TRUE NORTH
SCALE: 1"=50'



LEGEND

- [37.86] ~ Existing Grade
- [37.51] ~ New Grade
- [Hatched Area] ~ Area to be Landscaped



PIPE DIAGRAM
STA. 0+58 TO STA. 2+00

CURVE DATA		
	C-1	C-2
Δ	11° 54' 47"	12° 27' 06"
Δ/2	5° 57' 23.5"	6° 13' 33"
R	500	500
T	52.17	54.54
Lc	103.96	108.66
C	103.77	108.45

Sta. 1+34 Rt.

Adjustments to Test Box and Anode Box within median to be done by Gasco, Inc. The State's Contractor shall coordinate his work with Gasco, Inc.

Sta. 0+58 to Sta. 2+00

Install: Relocate, install and connect existing 2" ACV
3/4" PVC, Class 200 Pipe
ST-3 C&E Sprinkler Head
1/2" Atmospheric Vacuum Breaker
1/2" Copper Pipe, Type K

Estimated Quantities:

Relocating Existing Valve w/ Existing Valve Box = 1 Ea.
1/2-Inch Copper Pipe = 140 L.F.
1/2-Inch Atmospheric Vacuum Breaker = 1 Ea.
3/4-Inch PVC Pipe = 50 L.F.
ST-3 C&E Sprinkler Head = 4 Ea.

- Note: 1. Sprinkler line shall have a minimum cover of 24 inches in paved areas and 8 inches in median areas.
2. Cut and plug shall be considered incidental to various contract items.

Sta. 0+32 to Sta. 2+30.24 Rt.

Construct Cross-Over with Paved Shoulders

SPRINKLER HEAD SPECIFICATIONS:

SPRINKLER NO.	Q	PSI	COVERAGE	MIN. POP UP HT.
ST-3C	11-1.8	15-20	4' x 32'	2"
ST-3E	0.5-0.9	15-20	4' x 15'	2"

Install sprinkler head on swing joint.

STATE OF HAWAII
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PLAN

KALANIANA'OLE HIGHWAY
CONTRA-FLOW LANE VICINITY OF AINAKO'A AVE.
TO KIRKWOOD STREET

PROJECT NO. F-9001(28)

SHEET No. 3 OF 3 SHEETS

Exis