

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(21) Unit 2	1967	122	217

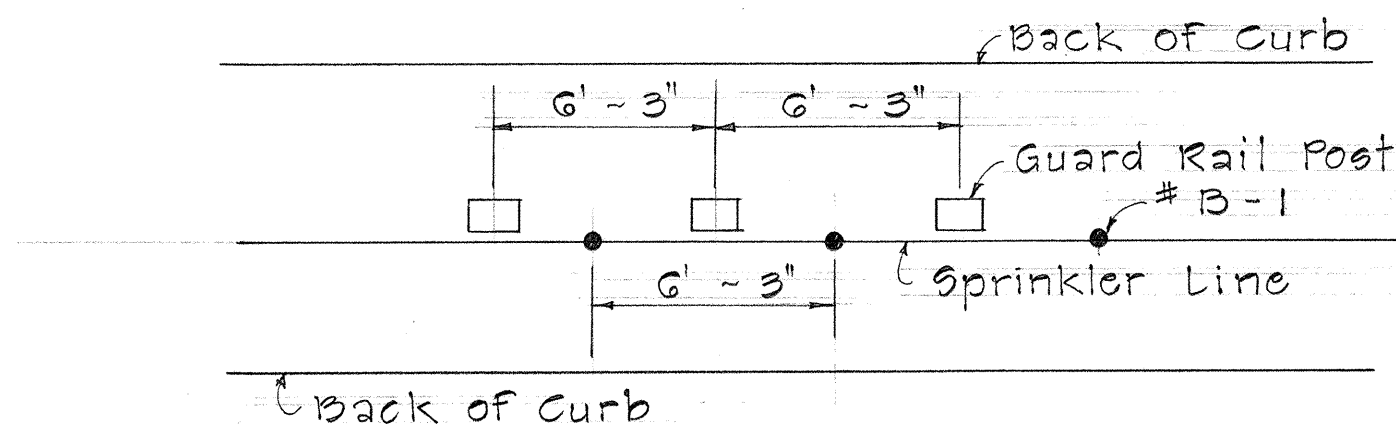
LEGEND AND SPRINKLER HEAD SPECIFICATIONS						
SYMBOL	NUMBER	TYPE	PRESSURE PSI	RADIUS OF COVERAGE	FLOW (GPM)	RISER
⋈	L - 8 F	Lawn - Full Circle	10	8'	2.0	½" I.P.S.
∨	L - 8 H	Lawn - Half Circle	10	8'	1.0	½" I.P.S.
∇	L - 8 Q	Lawn - Quarter Circle	10	8'	0.9	½" I.P.S.
▼	L - 10 F	Lawn - Full Circle	20	10'	3.0	½" I.P.S.
▽	L - 10 H	Lawn - Half Circle	20	10'	2.5	½" I.P.S.
∇	L - 10 Q	Lawn - Quarter Circle	20	10'	2.0	½" I.P.S.
•	B - 1	Bubbler	10		1.0	½" I.P.S.
○	S - 8 F	Shrubbery - Full Circle	10	8'	2.0	½" I.P.S.
◐	S - 8 H	Shrubbery - Half Circle	10	8'	1.0	½" I.P.S.
◑	S - 8 Q	Shrubbery - Quarter Circle	10	8'	0.9	½" I.P.S.
●	S - 10 F	Shrubbery - Full Circle	20	10'	3.0	½" I.P.S.
◑	S - 10 H	Shrubbery - Half Circle	20	10'	2.5	½" I.P.S.
∇	S - 10 Q	Shrubbery - Quarter Circle	20	10'	2.0	½" I.P.S.
⊗		Angle Control valve w/Type "A" Valve Box				
⊙		Atmospheric Vacuum Breaker				
⊠		Water Meter (Furnished & installed by BWS)				
⊞		Shut - Off Valve w/Box				

NOTES:

- "Pressure" is the minimum pressure, in pounds per square inch, which is available at the base of the last head. The operating pressure of acceptable heads must not exceed this value when operating at the tabulated flow and radius.
- "Radius of Coverage" is the minimum radius at the tabulated pressure.
- "Flow" is the maximum flow, in gallons per minute, which is discharged at the tabulated pressure.

GENERAL NOTES

- All pipes under the pavement shall be copper.
- Risers shall be 1/2" ϕ galvanized steel pipes, unless otherwise called for.
- Plugs shall be marked with a 1"x2"x12" redwood marker which shall be considered incidental to the cost for the various items of the sprinkler system.
- Pipe sleeves shall have an internal diameter of 1/8" greater than the outside diameter of the pipe passing through the sleeve, unless otherwise called for.
- Final location of meters, valves, pressure regulators and vacuum breakers shall be determined by the Engineer.
- Unless otherwise called for or directed by the Engineer, the center line of the feeder pipe shall be located 3" from the back of curbs or 12" from the fence line or guard rail posts.
- Pipes shall be galvanized steel and fittings shall be malleable iron, unless otherwise called for.
- When the consumers' water service will be interrupted, the Contractor shall notify each consumer and the Board of Water Supply concerning the time and duration of the shut-down.
- Asterisk (*) indicates work will be performed by BWS. Materials shall be furnished by the Contractor.
- See Sheet No. 45 for general water notes.
- See Sheet No. 129 for Type III Water Meter Box.



TYPICAL LAYOUT OF SPRINKLER HEADS
IN MEDIAN

Not to scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

INTERSTATE ROUTE H-1
VICTORIA ST. TO KEEAUMOKU ST.

F.A.I. Proj. No. I-H-1 (21) Unit 2

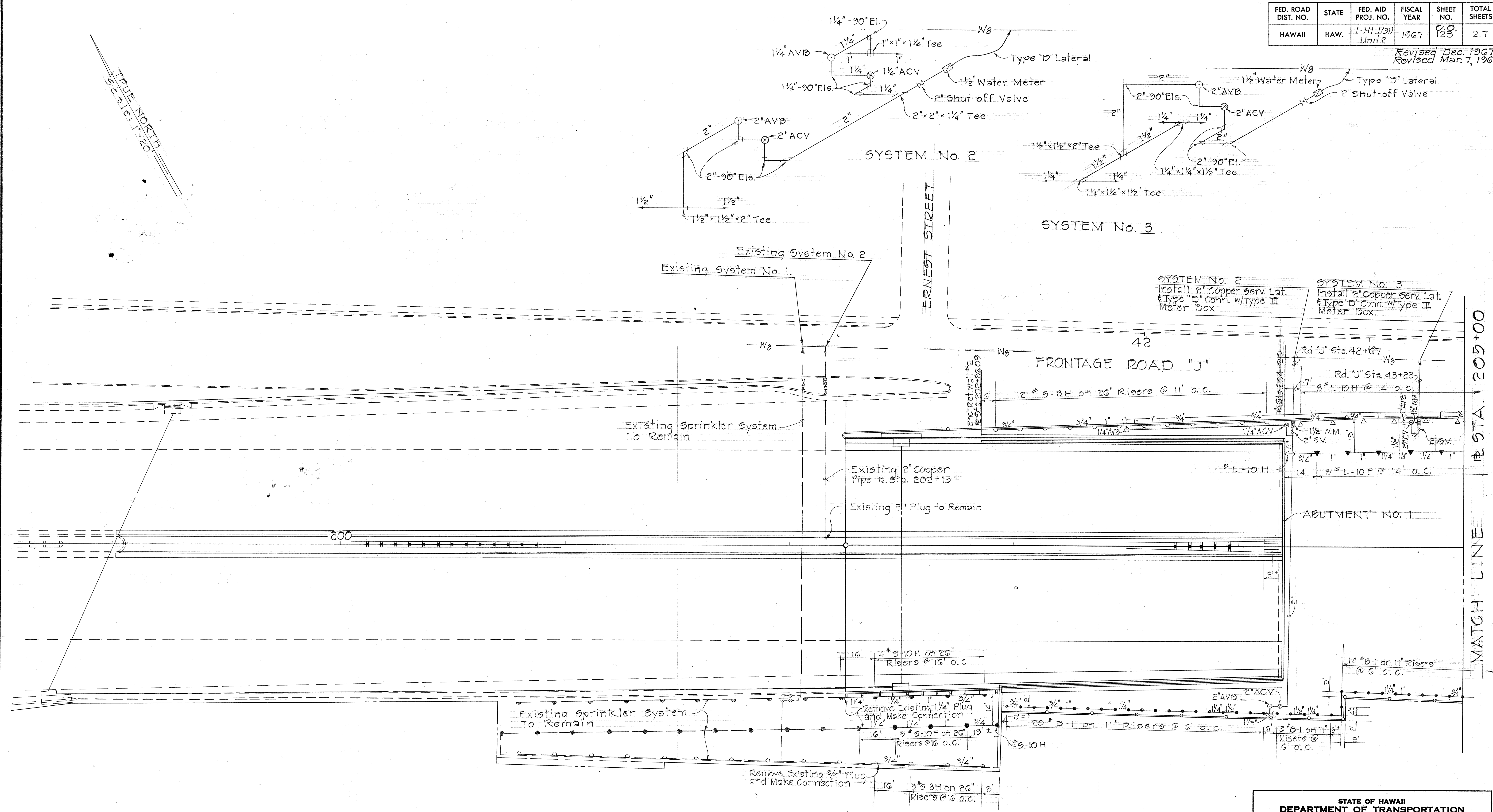
Date: April, 1967

SHEET No. 5-1 OF 10 SHEETS

122

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H1-1(31) Unit 2	1967	123	217

Revised Dec. 1967
Revised Mar. 7, 1969



MATCH LINE STA. 203+00

DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

INTERSTATE ROUTE H-1
(Victoria St. to Keeaumoku St.)
F.A.I. Proj. No. I-H1-1(31) Unit 2

Scale: As Shown Date: April, 1967

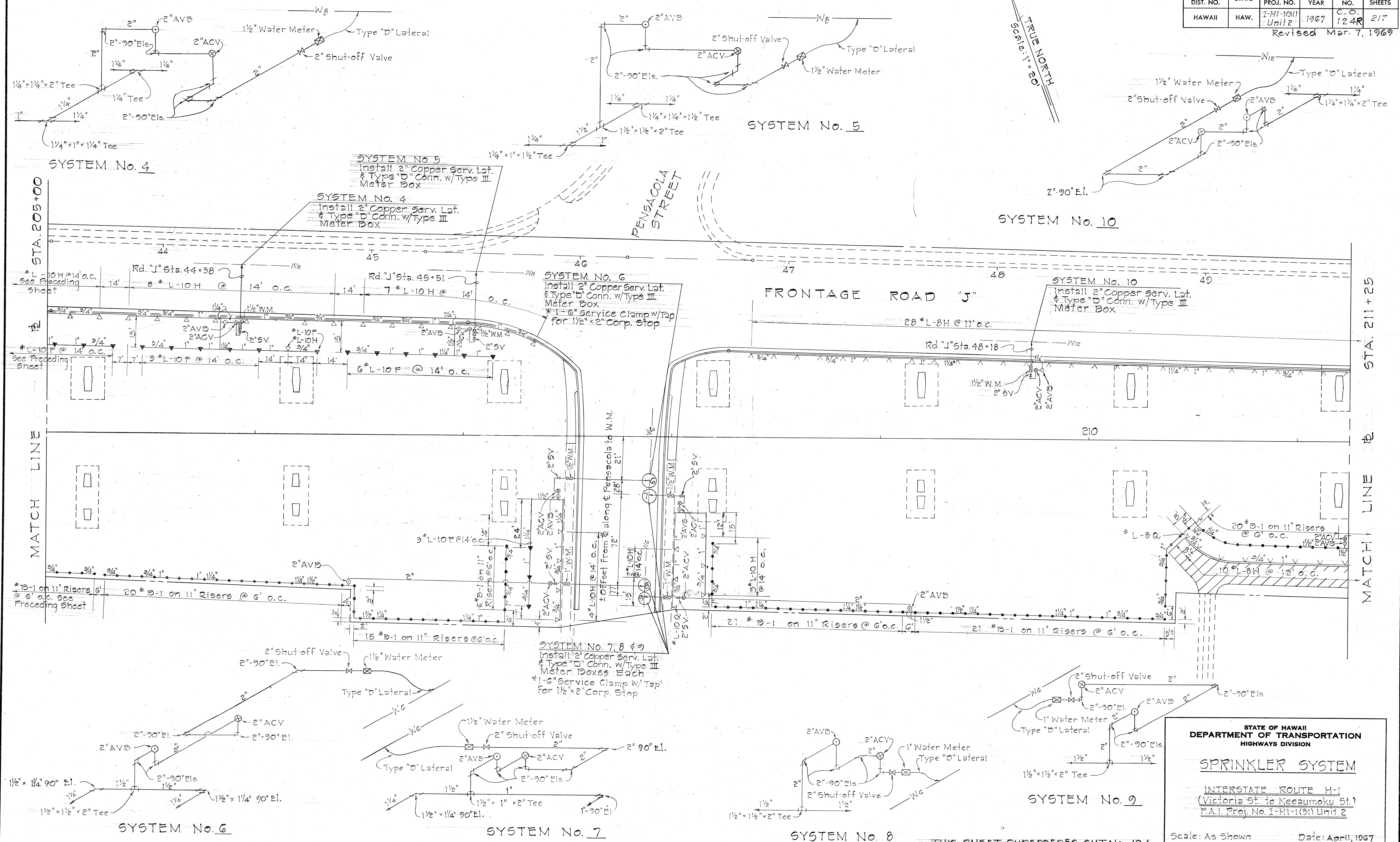
THIS SHEET SUPERSEDES SHT. NO. 123

SHEET No. 3 OF 10 SHEETS

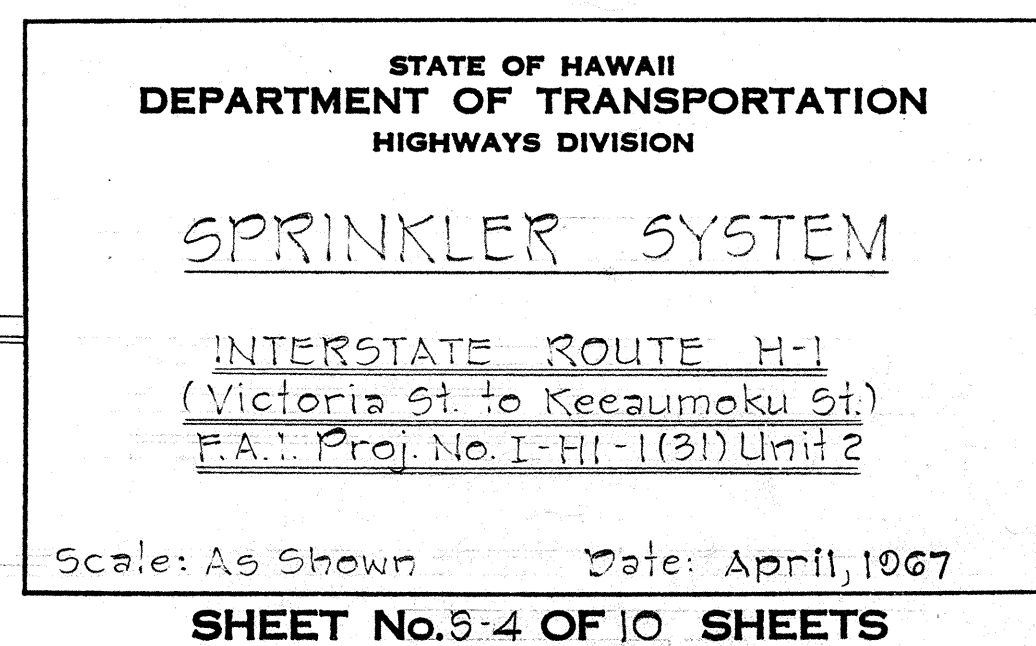
123

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(31) Unit 2	1967	C. O. 124R	217

Revised Mar. 7, 1969



Revised: Mar. 7, 1969



THIS SHEET SUPERSEDES SHT. No. 125

Scale: As Shown Date: April, 1967

SHEET No.5-4 OF 10 SHEETS

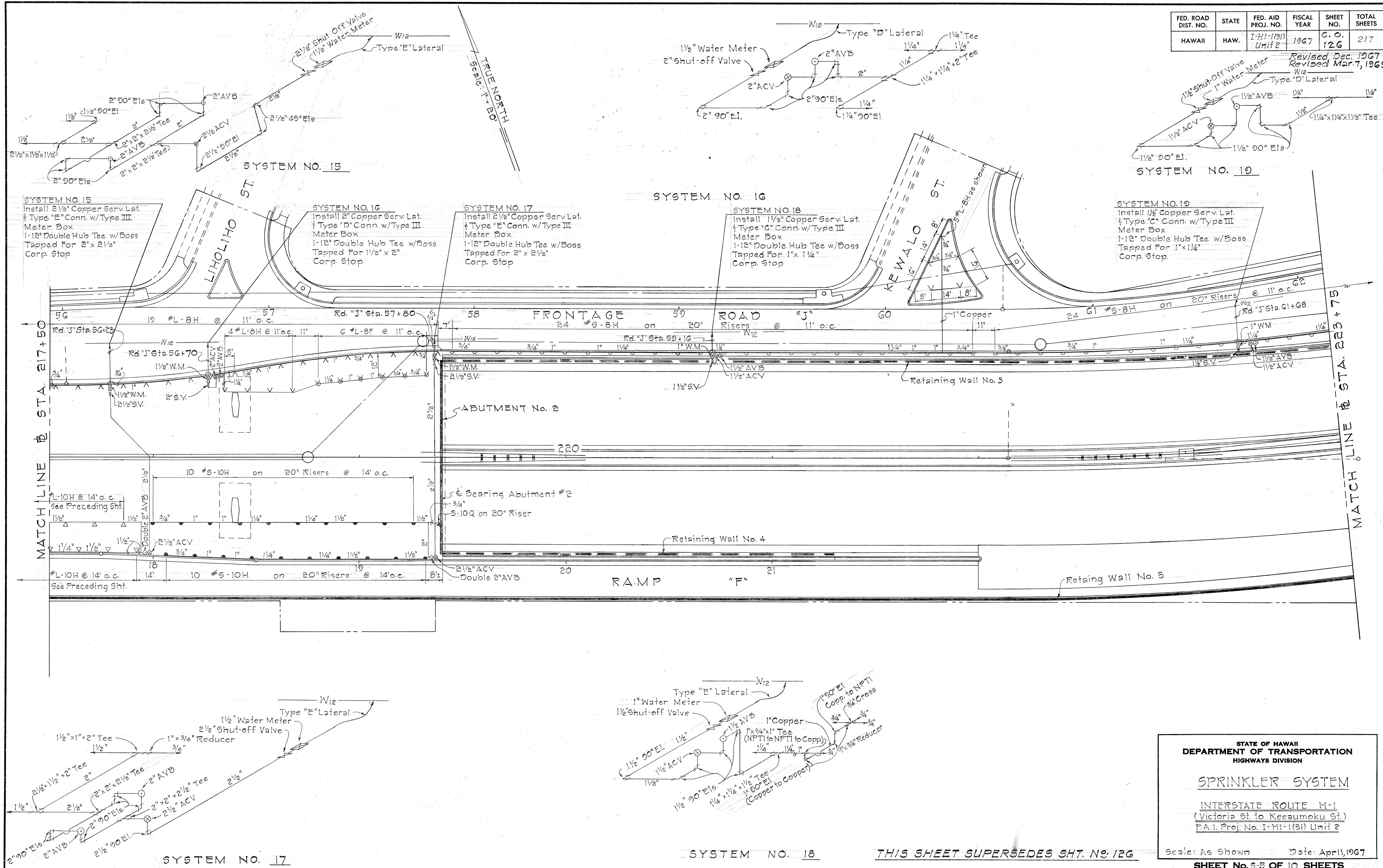
CO 125

PRINTED ON NO. 1050M CLEARBRIN

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(31) Unit 2	1967	C. O. 126	217

Revised Dec. 1967
Revised Mar. 7, 1969



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

INTERSTATE ROUTE H-1
(Victoria St. to Keeaumoku St.)
F.A.I. Proj. No. I-HI-1(31) Unit 2

Scale: As Shown Date: April, 1967

SHEET No. 5-5 OF 10 SHEETS

THIS SHEET SUPERSEDES SHT. NO. 126

C O 1 2 6

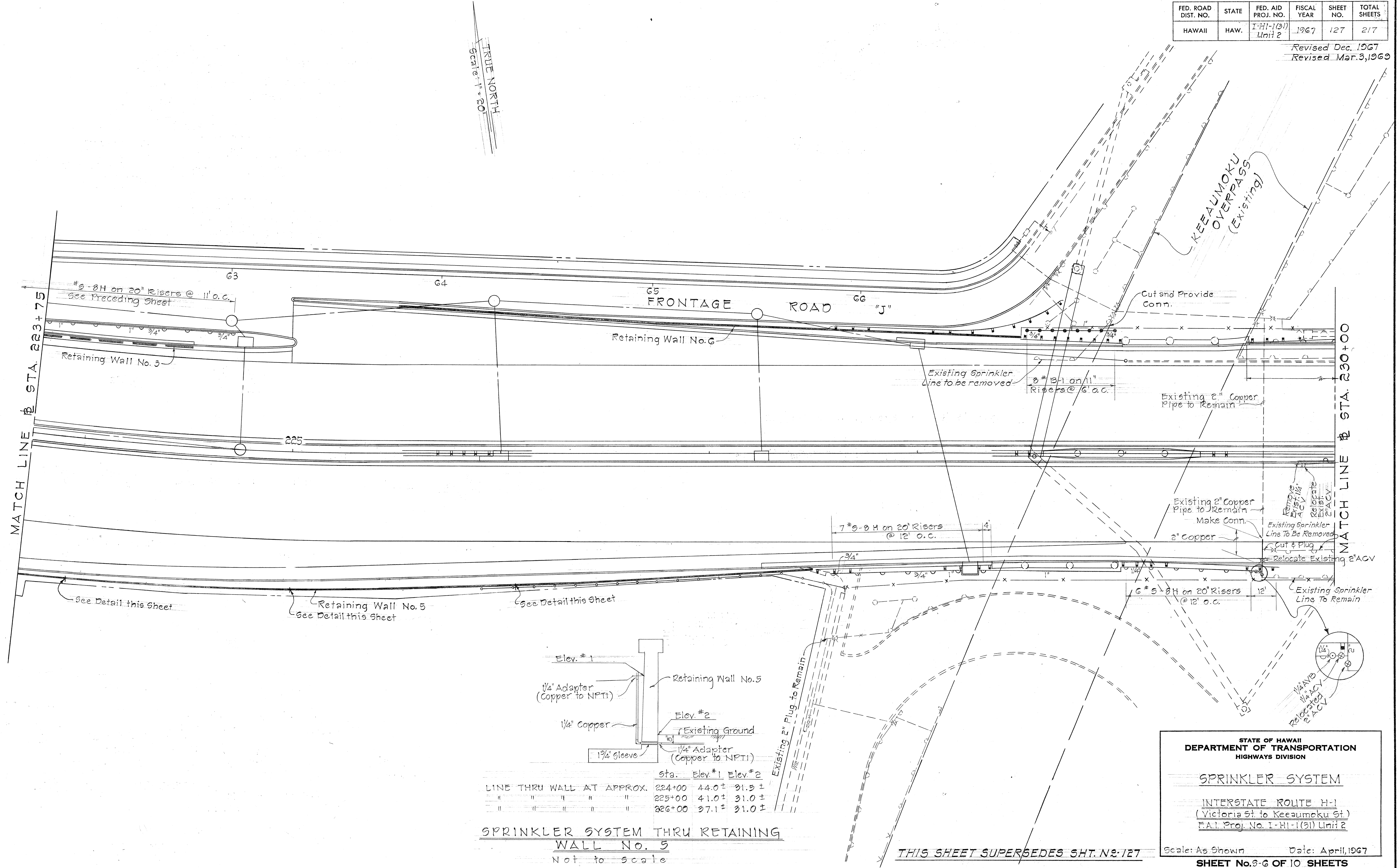
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HAWAII	HAW.	I-HI-1(31) Unit 2	1967	127	217

Revised Dec. 1967
Revised Mar. 3, 1969

TRUE NORTH
Scale: 1" = 60'

MATCH LINE @ STA. 223+75

MATCH LINE @ STA. 230+00



Sta.	Elev. #1	Elev. #2
LINE THRU WALL AT APPROX. 224+00	44.0 ±	31.5 ±
" " " " " 225+00	41.0 ±	31.0 ±
" " " " " 226+00	37.1 ±	31.0 ±

SPRINKLER SYSTEM THRU RETAINING WALL No. 5
Not to scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

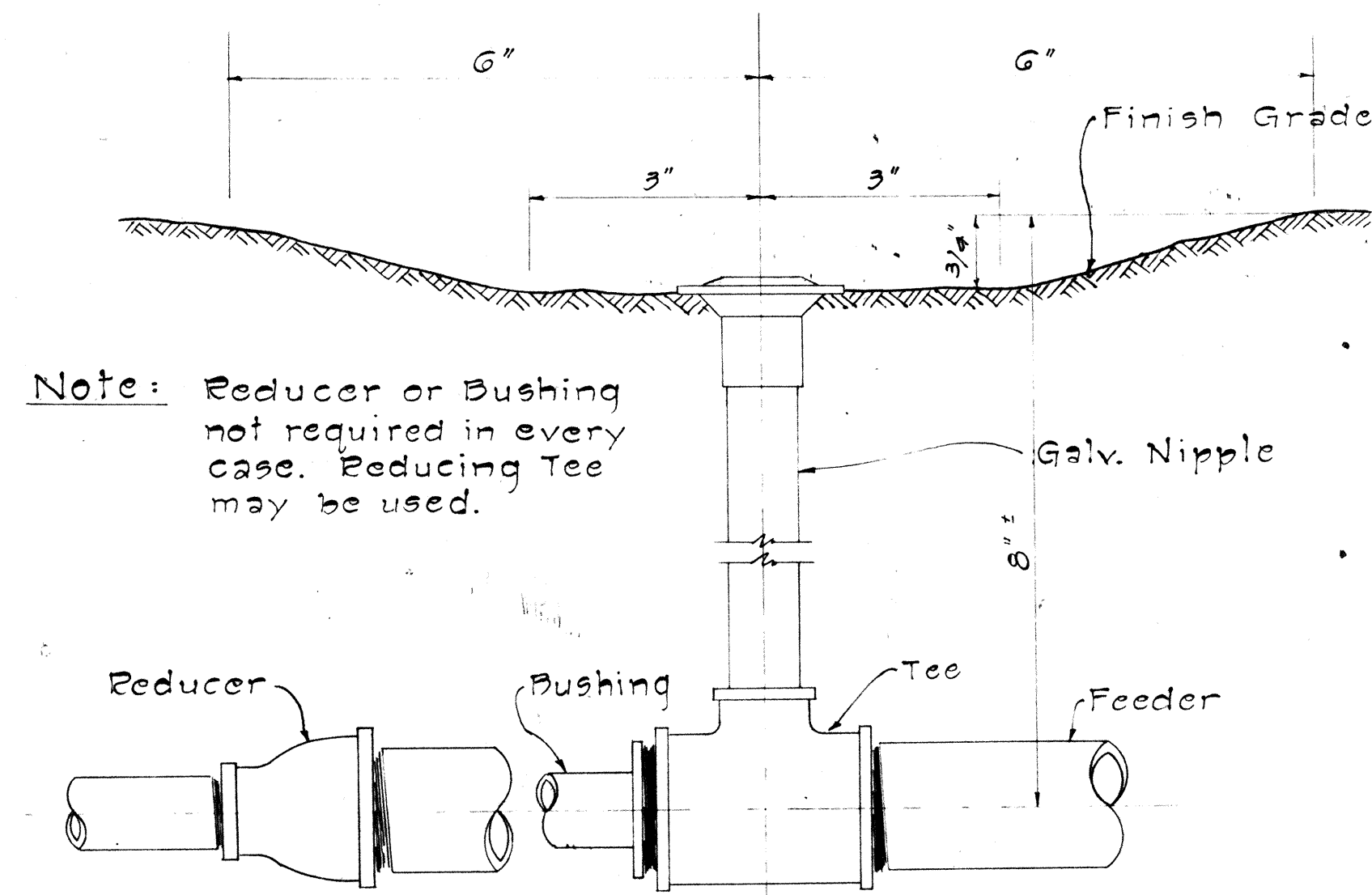
INTERSTATE ROUTE H-1
(Victoria St. to Keeaumoku St.)
F.A.I. Proj. No. I-HI-1(31) Unit 2

Scale: As Shown Date: April, 1967
SHEET No. 5-G OF 10 SHEETS

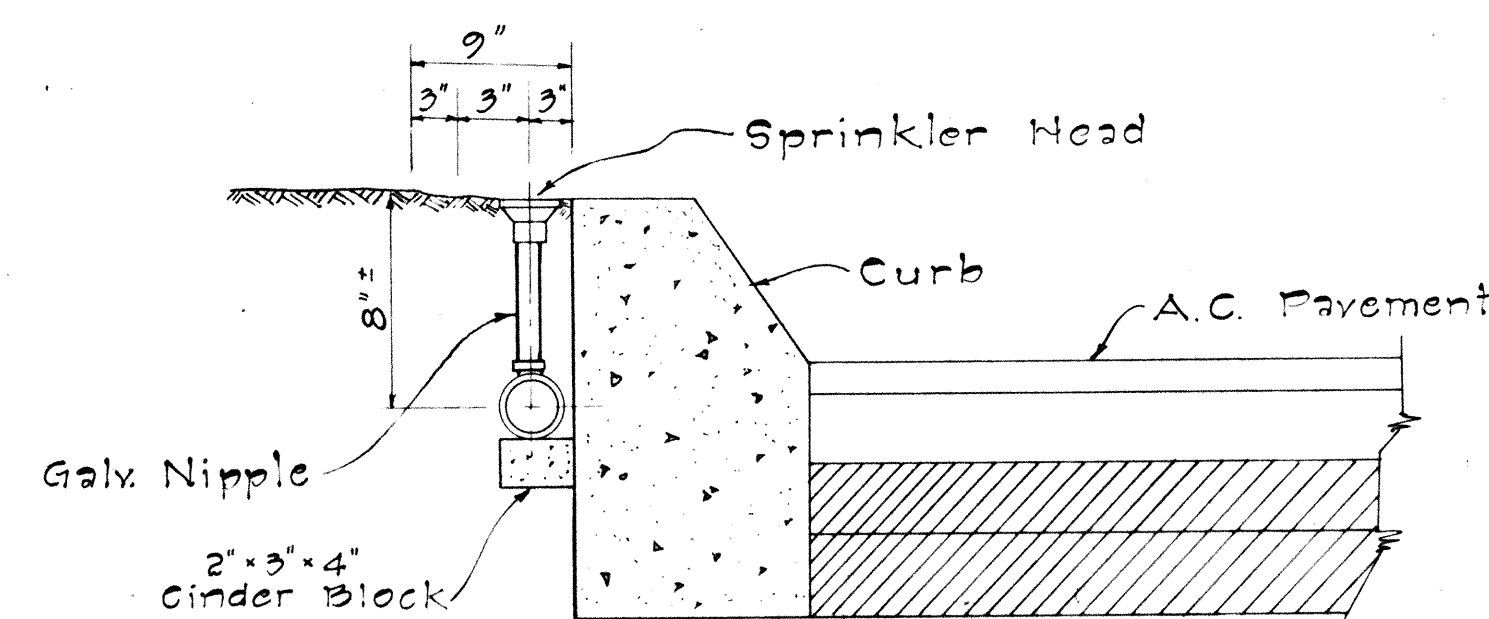
DESIGNED BY	DATE
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CHECKED BY	
NOTED BY	
NO.	

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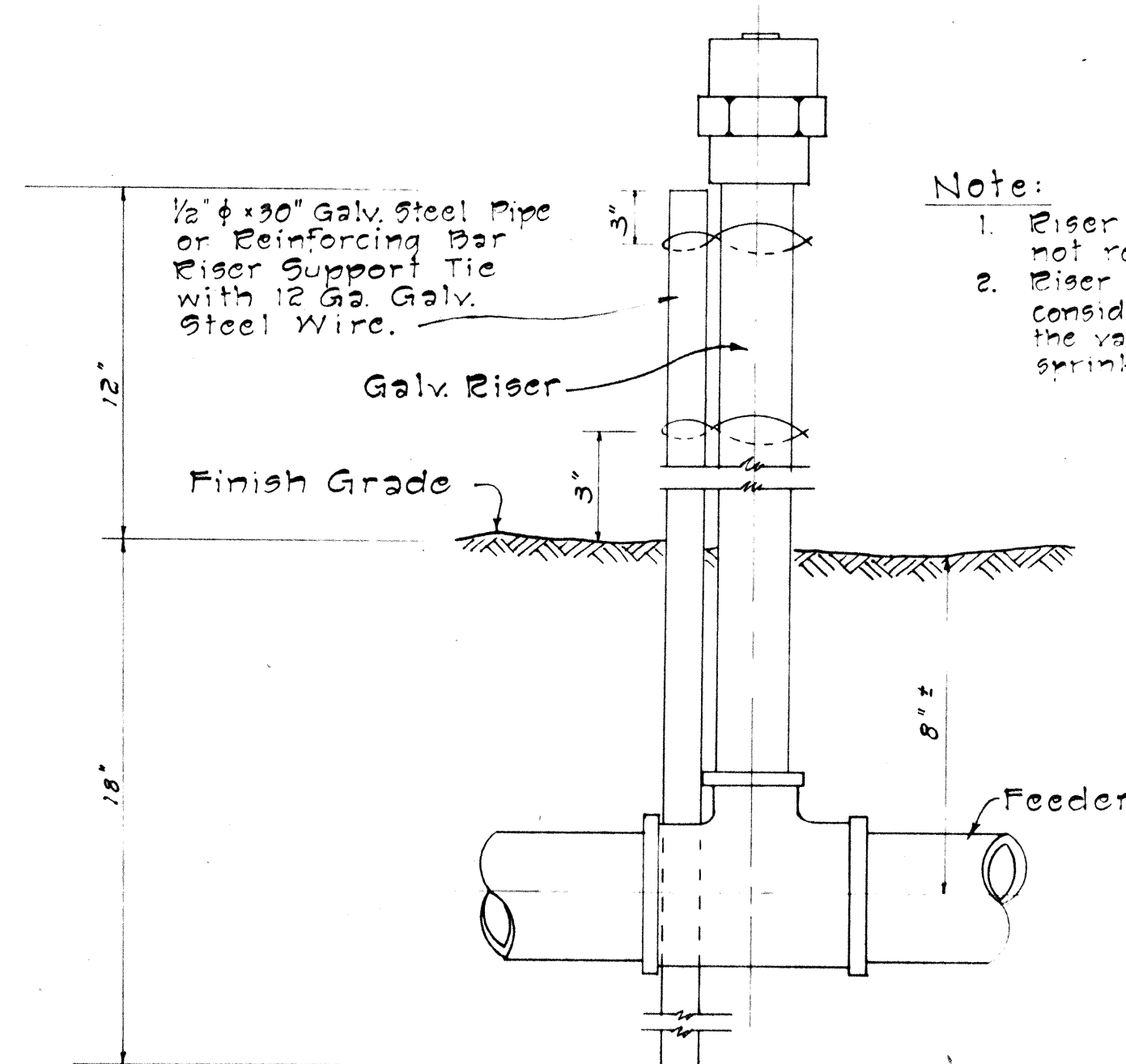
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(31) Unit 2	1967	129	217



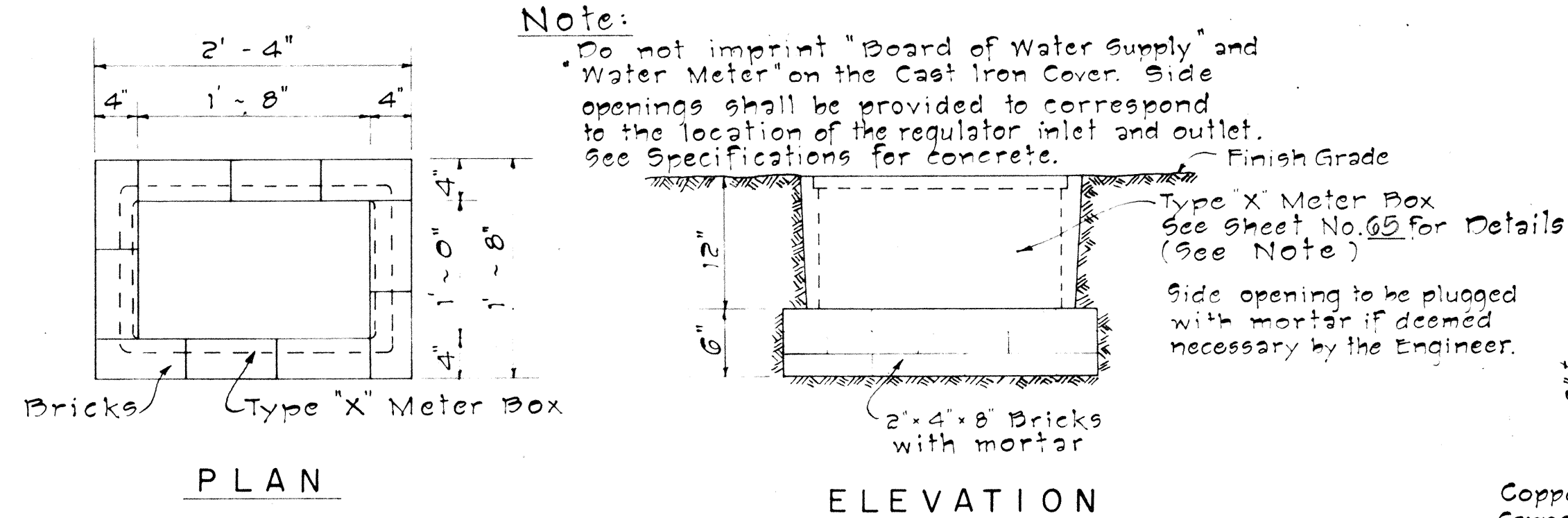
CONNECTION OF SPRINKLER HEAD TO FEEDER
Not to Scale



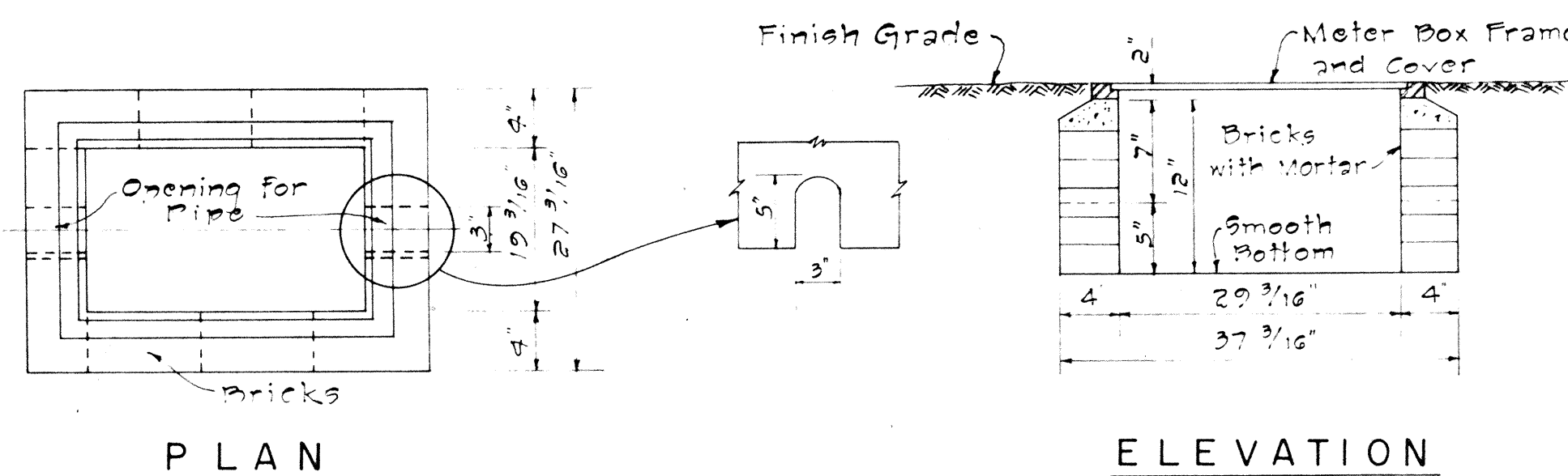
TYPICAL DETAIL OF SPRINKLER HEAD AT CONC. CURB
Not to Scale



DETAIL OF SPRINKLER HEAD ON RISER
Not to Scale

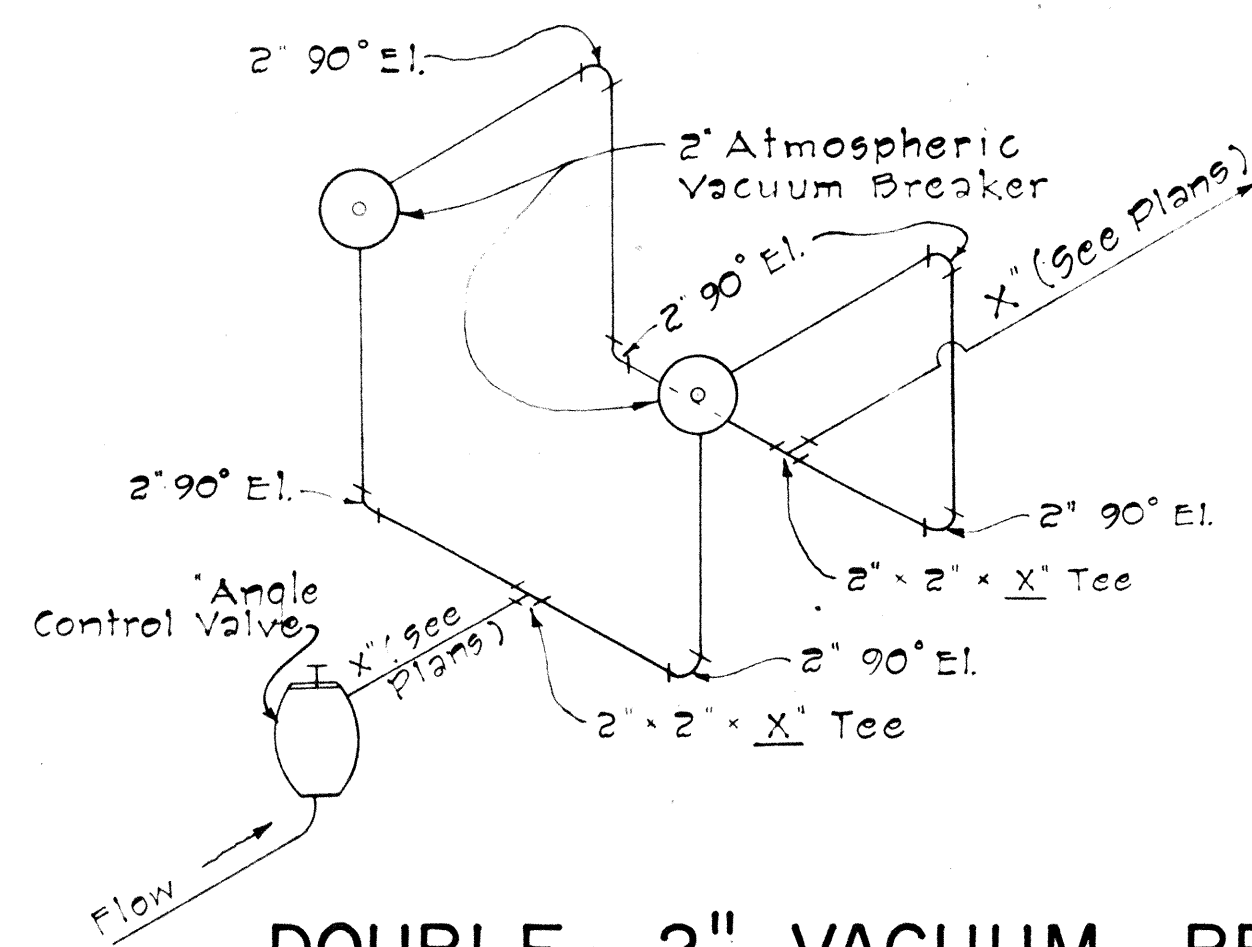


PRESSURE REGULATOR BOX
Not to Scale

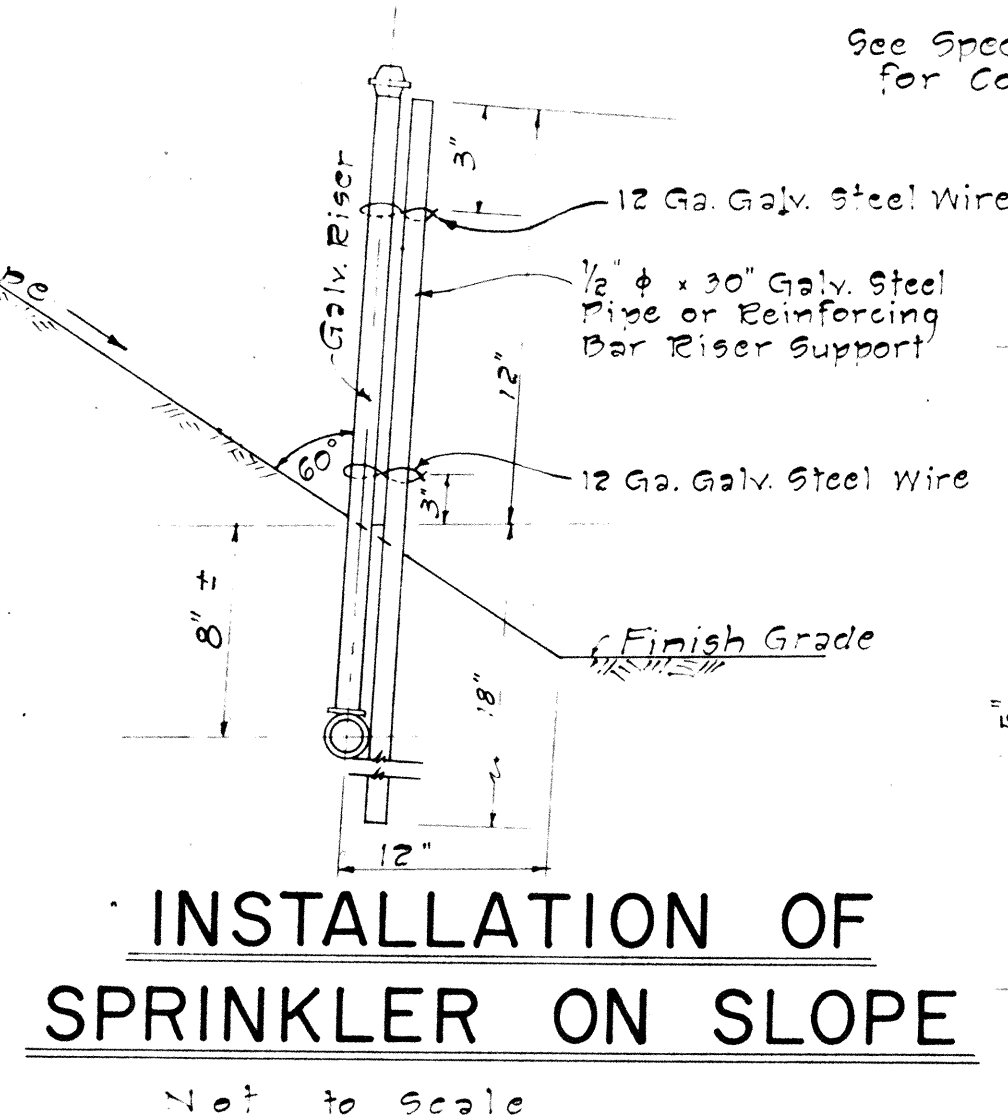


TYPE III METER BOX
Not to Scale

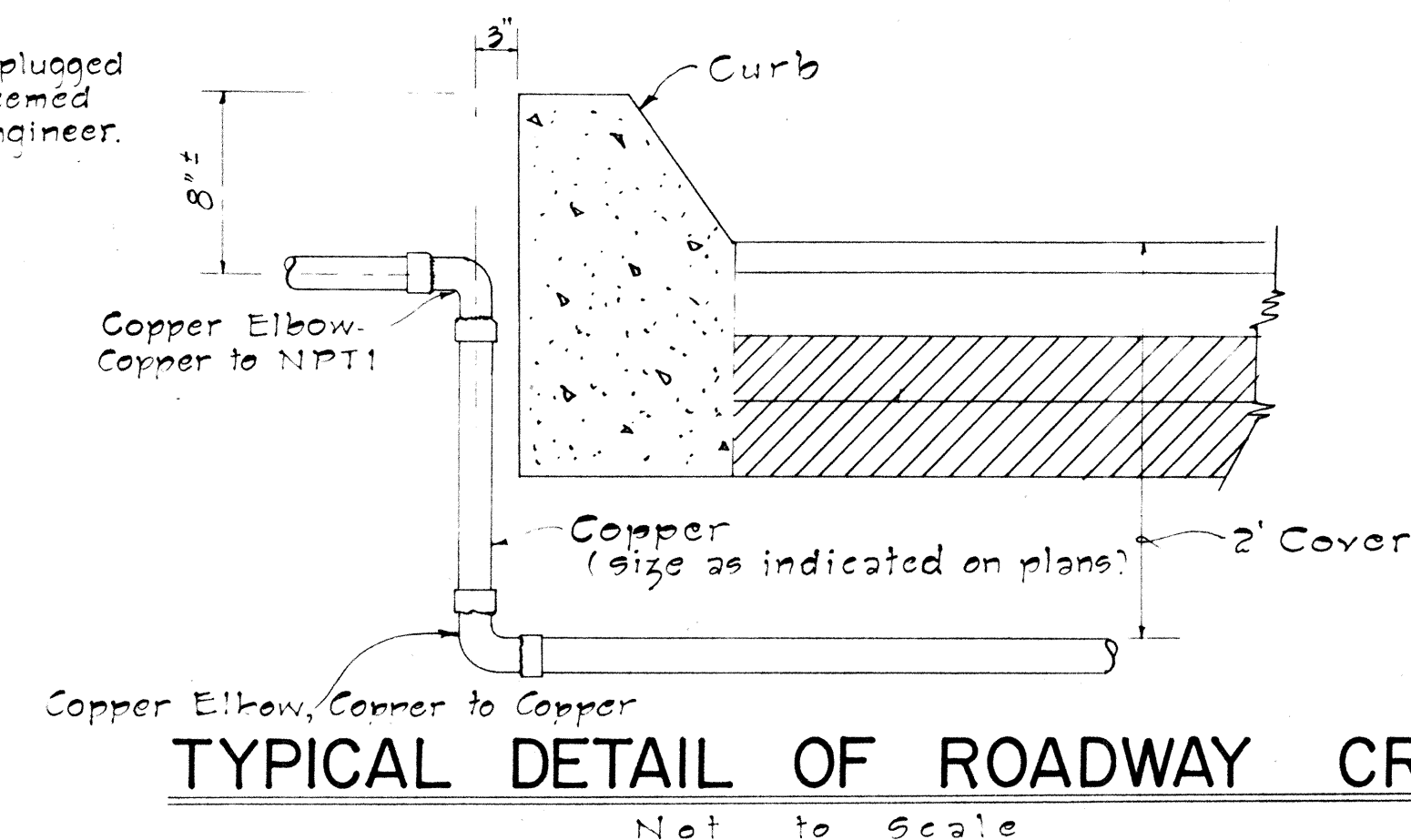
TYPICAL LAYOUT OF 2 1/2" SERVICE LATERAL AND CONNECTION (TYPE "E")
Not to Scale



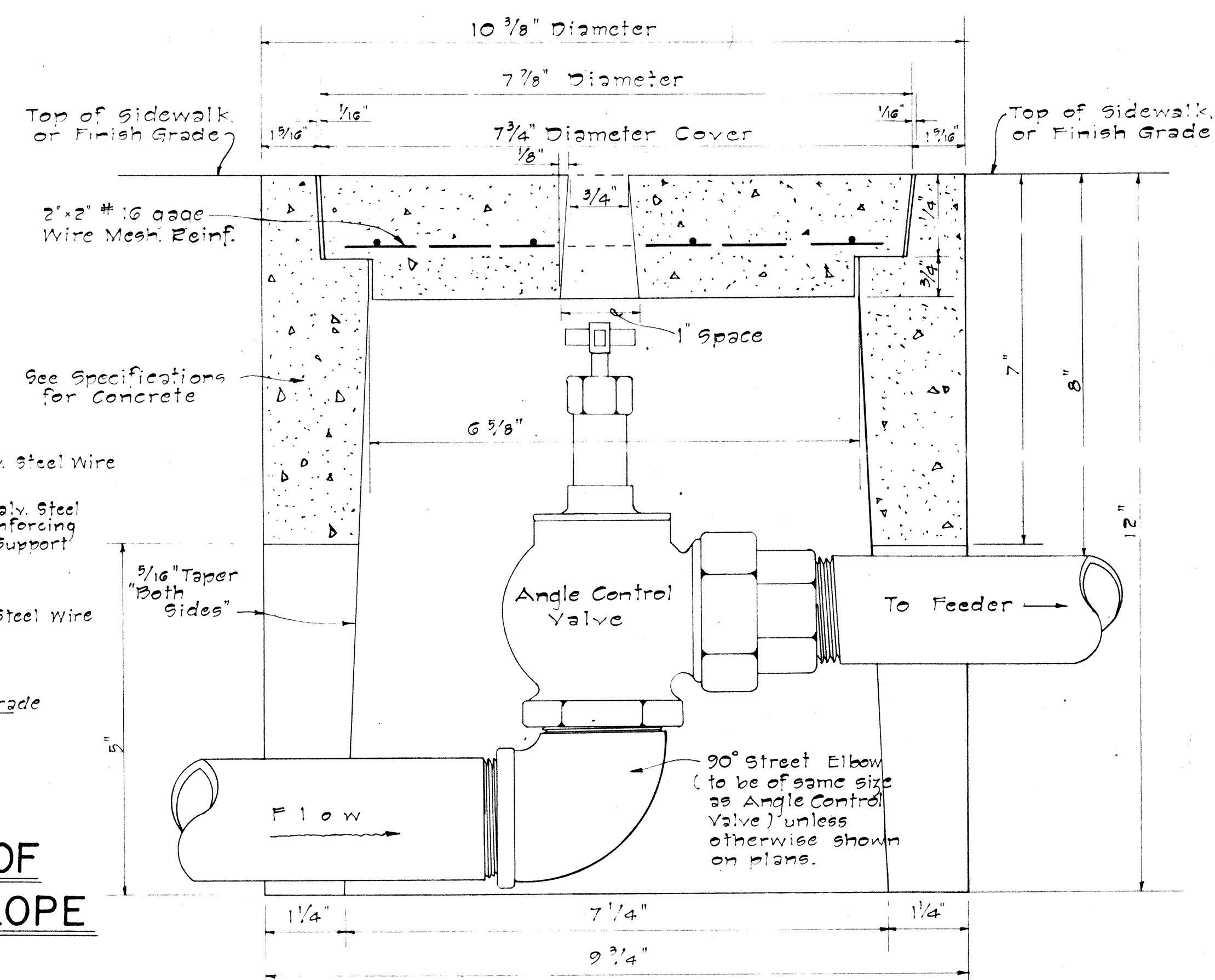
DOUBLE - 2" VACUUM BREAKER (ATMOSPHERIC TYPE)
Not to Scale



INSTALLATION OF SPRINKLER ON SLOPE
Not to Scale



TYPICAL DETAIL OF ROADWAY CROSSING
Not to Scale



TYPE "A" VALVE BOX
Not to Scale

- Notes:
1. Location of side openings shall correspond to the location of the valve inlet and valve outlet.
 2. When the angle control valve is located in the sidewalk area, the valve shall be located at a sufficient depth so as to allow the cover to be replaced with the valve wide open.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

INTERSTATE ROUTE H-1
(Victoria St. to Keeaumoku St.)
F.A.I. Proj. No. I-H-1(31) Unit 2

Scale: As Shown Date: April, 1967

SHEET No. 6-8 OF 10 SHEETS

SPRINKLER

SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(31) Unit 2	1967	130	217

Revised: Dec. , 1967
Revised: Mar. 3, 1969
Revised: Mar. 7, 1969

SYSTEM NO.	METER LOCATION	ESTIMATED QUANTITIES																																		REMARKS																																																																																		
		1401	100.08	100.10	100.11	100.13	100.15	100.23	100.26	100.27	100.28	102.01	GALVANIZED STEEL PIPE							COPPER PIPE					SPRINKLER HEADS				102.270	ANGLE CONTROL VALVE W/TYPE "A" VALVE BOX					SHUT-OFF VALVE W/TYPE "A" VALVE BOX			ATMOSPHERIC VACUUM BREAKER				102.630	102.640																																																																											
		Struct. Exc. Other Than At Bridges	Furnishing & Installing C.I. Fittings	Furnish & Install 1/2 Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 2 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Type III Meter Box Including C.I. Frame & Cover Fittings	Furnish & Install 1 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 2 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/4" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/4" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/2" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. 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Main	Furnish & Install 1 1/4" Copper Svc. Lat. w/ Copper Svc. Conn. Off. Exst. Main	Furnish & Install 1 1/2" Copper

All the quantities shown are original theoretical quantities. For actual quantities, refer to project ledger and/or computation book.

THIS SHEET SUPERSEDES SHEET NO. 130.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
SPRINKLER SYSTEM
INTERSTATE ROUTE H-1
VICTORIA ST. TO KEEAUMOKU ST.
F.A.I. Proj. No. I-HI-1(31) Unit 2
Date: April, 1967
SHEET No. 5-0 OF 10 SHEETS

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SPRINKLER

SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(31) Unit 2	1967	131	217

Revised: Dec. 1967
Revised: Mar. 3, 1967

SYSTEM NO.	METER LOCATION	ESTIMATED QUANTITIES																																	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		1401 Struct. Exc. Other Than At Bridges	100.08 Furnishing & Installing C.I. Fittings	100.10 Furnish & Install 1 1/2" Copper Svc. Lat. w/ 1 1/2" Copper Svc. Conn. Off. New Main	100.11 Furnish & Install 2" Copper Svc. Lat. w/ 2" Copper Svc. Conn. Off. New Main	100.13 Furnish & Install 2 1/2" Copper Svc. Lat. w/ 2 1/2" Copper Svc. Conn. Off. New Main	100.15 Furnishing & Installing 3" Copper Svc. Lat. w/ 3" Copper Svc. Conn. Off. New Main	100.25 Furnishing & Installing 4" Copper Svc. Lat. w/ 4" Copper Svc. Conn. Off. New Main	100.26 Furnish & Install 1 1/2" Copper Svc. Lat. w/ 1 1/2" Copper Svc. Conn. Off. Exist. Main	100.27 Furnish & Install 2" Copper Svc. Lat. w/ 2" Copper Svc. Conn. Off. Exist. Main	100.28 Furnish & Install 2 1/2" Copper Svc. Lat. w/ 2 1/2" Copper Svc. Conn. Off. Exist. Main	102.031 Cushion Material For Sprinkler System	GALVANIZED STEEL PIPE						COPPER PIPE						SPRINKLER HEADS		102.270 Bubble Head	ANGLE CONTROL VALVE W/TYPE "A" VALVE BOX					SHUT-OFF VALVE W/TYPE "A" VALVE BOX			ATMOSPHERIC VACUUM BREAKER				102.630 Relocation of Existing Sprinkler Lines	102.640 Relocating Existing Valve																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
UNIT USED	C.Y.	Lbs.	Ea.	Ea.	Ea.	Ea.	Lbs.	Ea.	Ea.	Ea.	C.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Ea.	Ea.		Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.	Ea.

All the quantities shown are original theoretical quantities. For actual quantities, refer to project ledger and/or computation book.

THIS SHEET SUPERSEDES SHEET NO. 131.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
SPRINKLER SYSTEM
INTERSTATE ROUTE H-1
VICTORIA ST. TO KEEAUMOKU ST.
F.A.I. Proj. No. I-H1-1(31) Unit 2
Date: April, 1967
SHEET No. 9-10 OF 10 SHEETS
C O 131