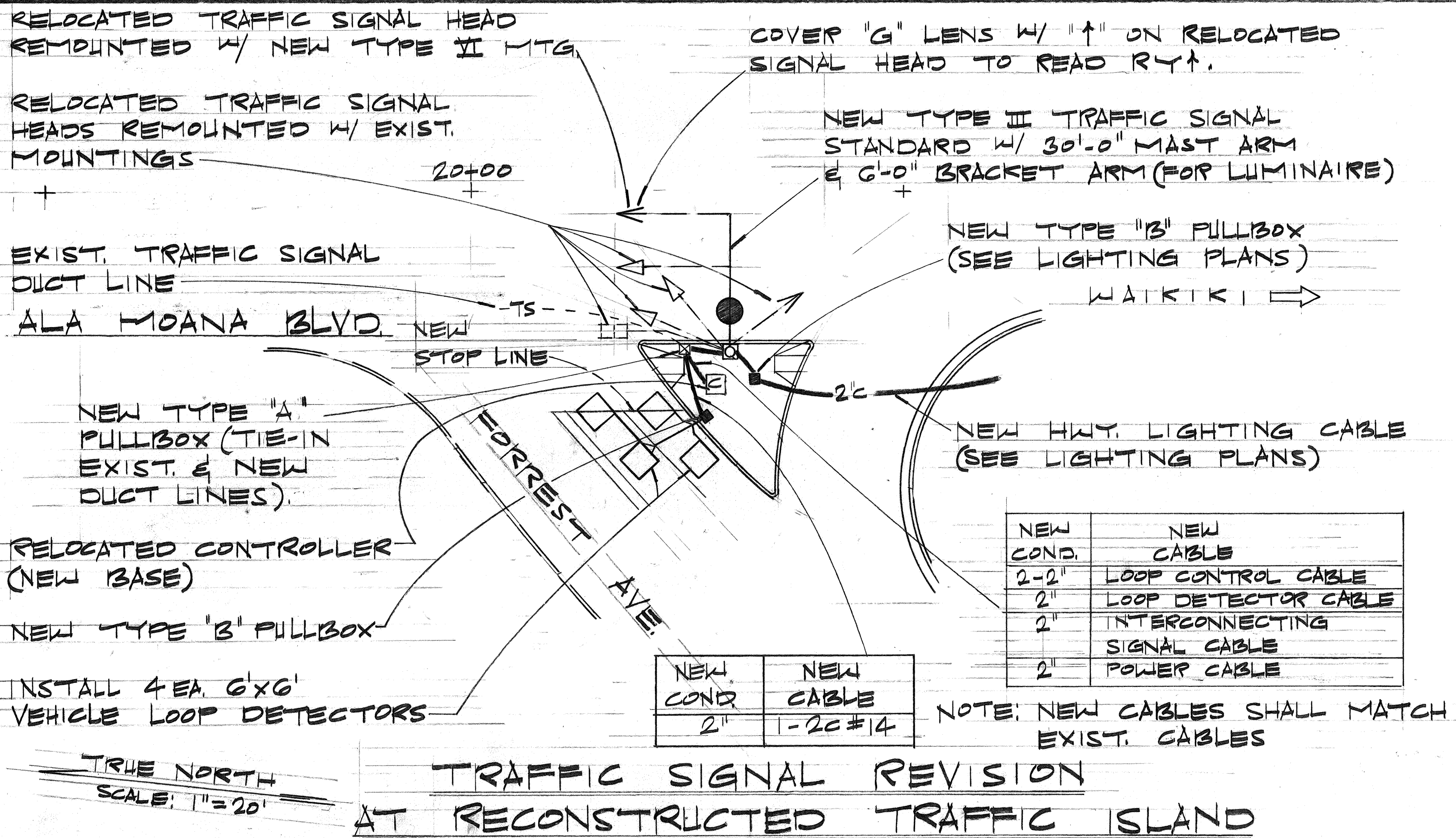
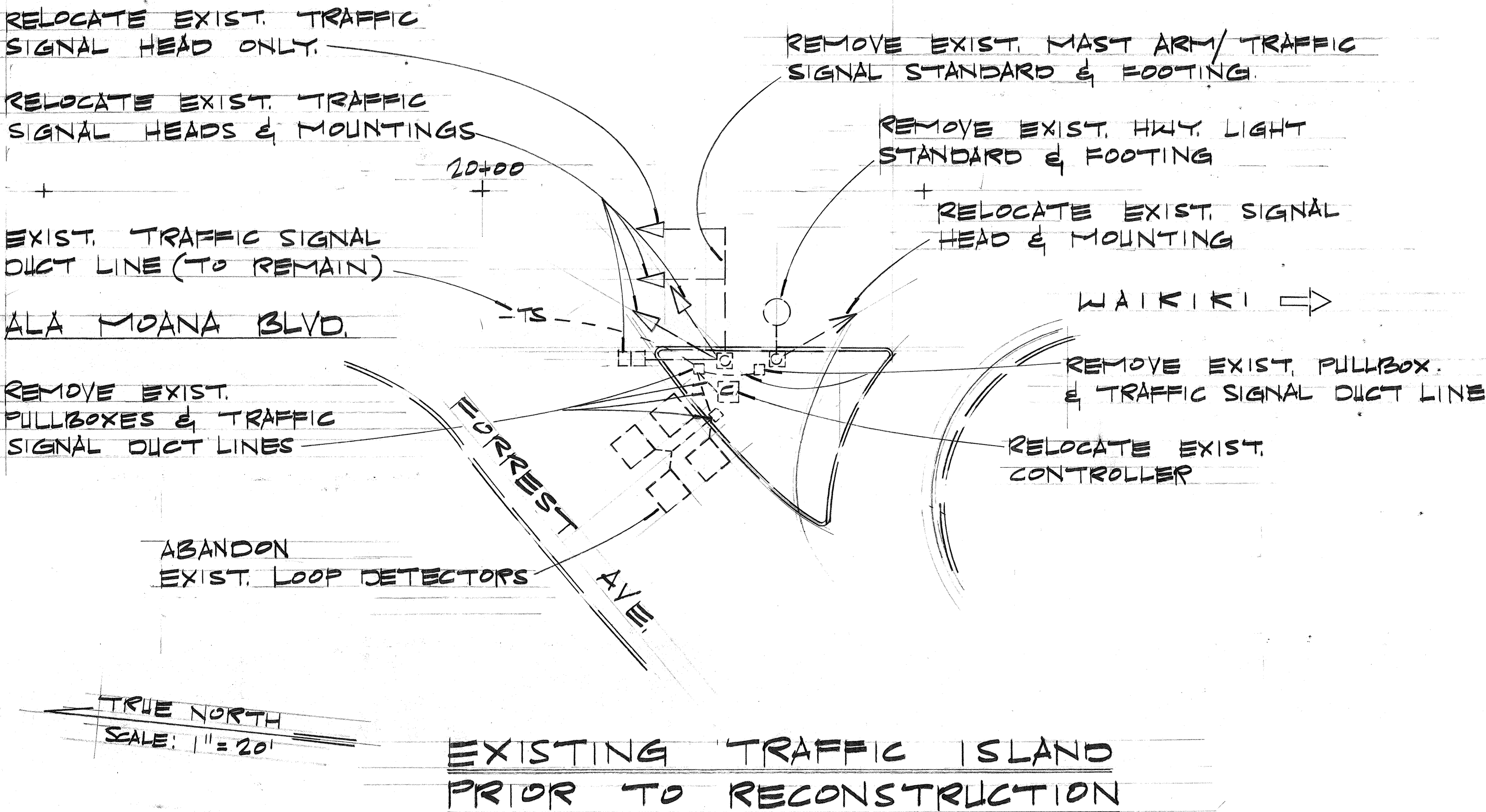


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HHS-092-1(12)	1978	28	59

GENERAL NOTES

1. THE EXACT LOCATION OF TRAFFIC SIGNAL STANDARD, MAST ARM, PULLBOXES, CONTROLLER BASE & CONDUITS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS & CONDITION OF EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE USED.
3. SEE PLAN SHTS. #49&50 FOR PARTIAL LISTING OF EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE & VERIFY LOCATIONS OF ALL EXISTING UTILITIES & UNDERGROUND STRUCTURES WITHIN THE AFFECTED WORK AREA.
4. THE CONTRACTOR SHALL STOCKPILE ALL TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED, AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL NOTIFY THE CITY & COUNTY OF HONOLULU AT LEAST 5 WORKING DAYS PRIOR TO START OF WORK TO COORDINATE & REVISE EXISTING TRAFFIC SIGNAL SYSTEM, NOTIFY MR. CARL HAGIHARA, DEPT. OF TRANSPORTATION SERVICES.
6. ALL EXISTING TRAFFIC SIGNAL SYSTEMS SHALL REMAIN IN OPERATION DURING CONSTRUCTION.
7. SIGNAL INDICATIONS:
RT↑ = ←--
RTG = <--
DW-W = □--
(PED.)



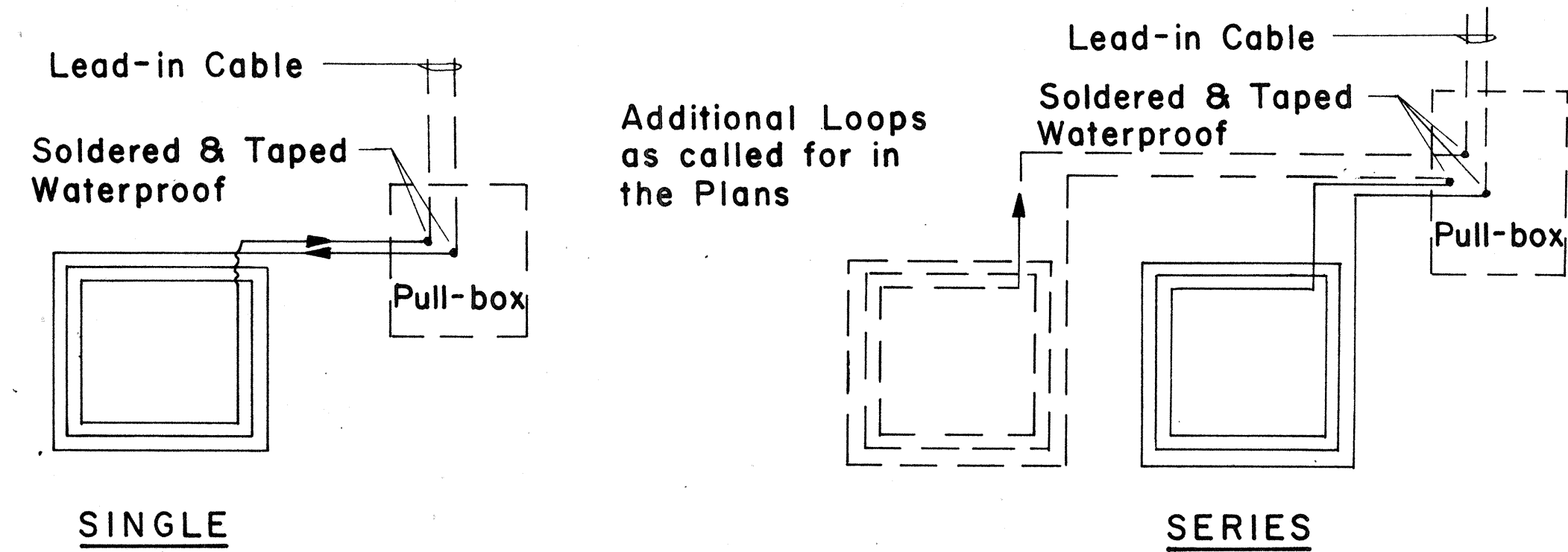
12-26-78	ADDED NEW LOOP DETECTORS
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

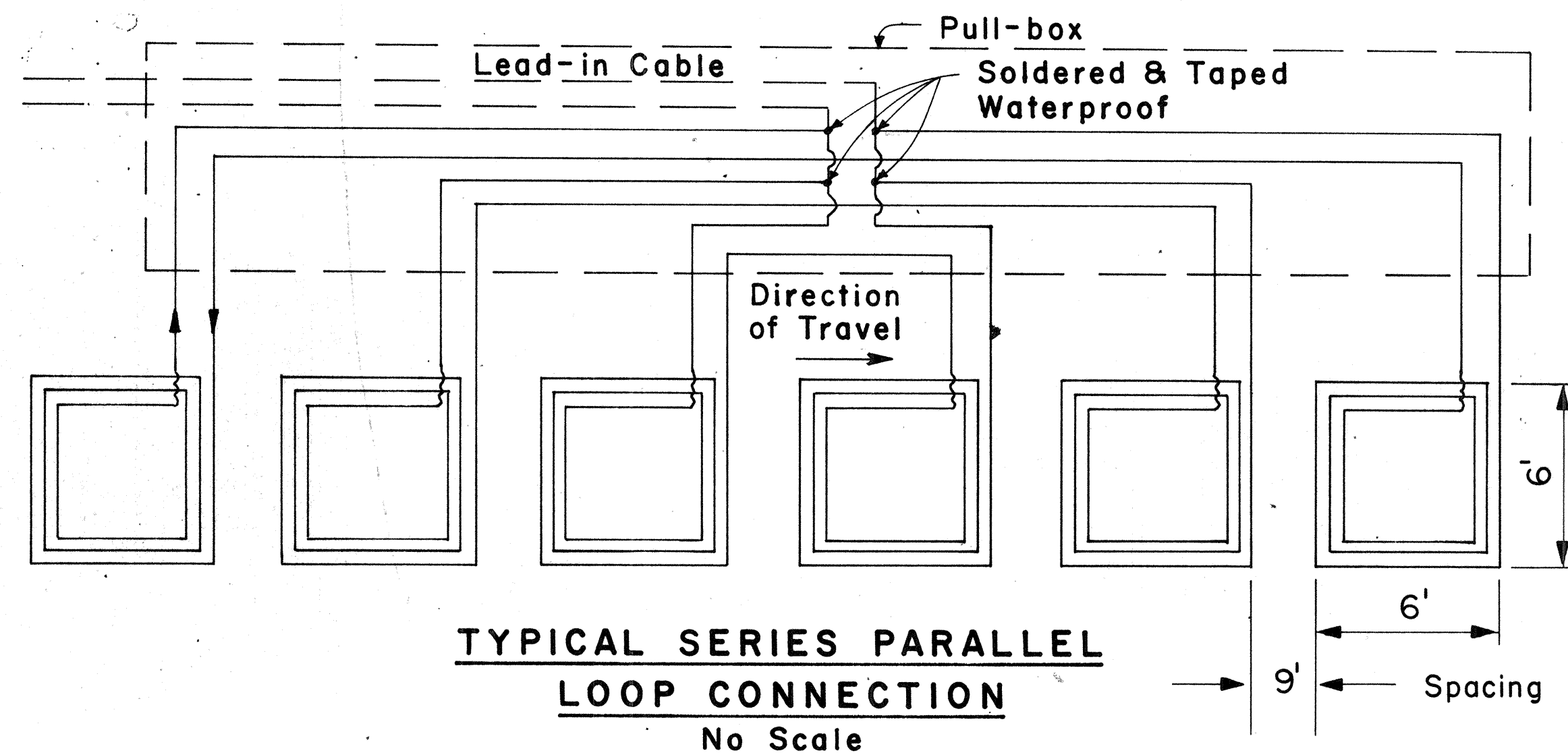
TRAFFIC SIGNAL
REVISION
ALA MOANA BLVD
SAFETY IMPROVEMENTS
PROJ. NO. HHS-092-1(12)
SCALE: 1"=20' JUNE 1978

SHEET NO. 1 OF 1 SHEETS

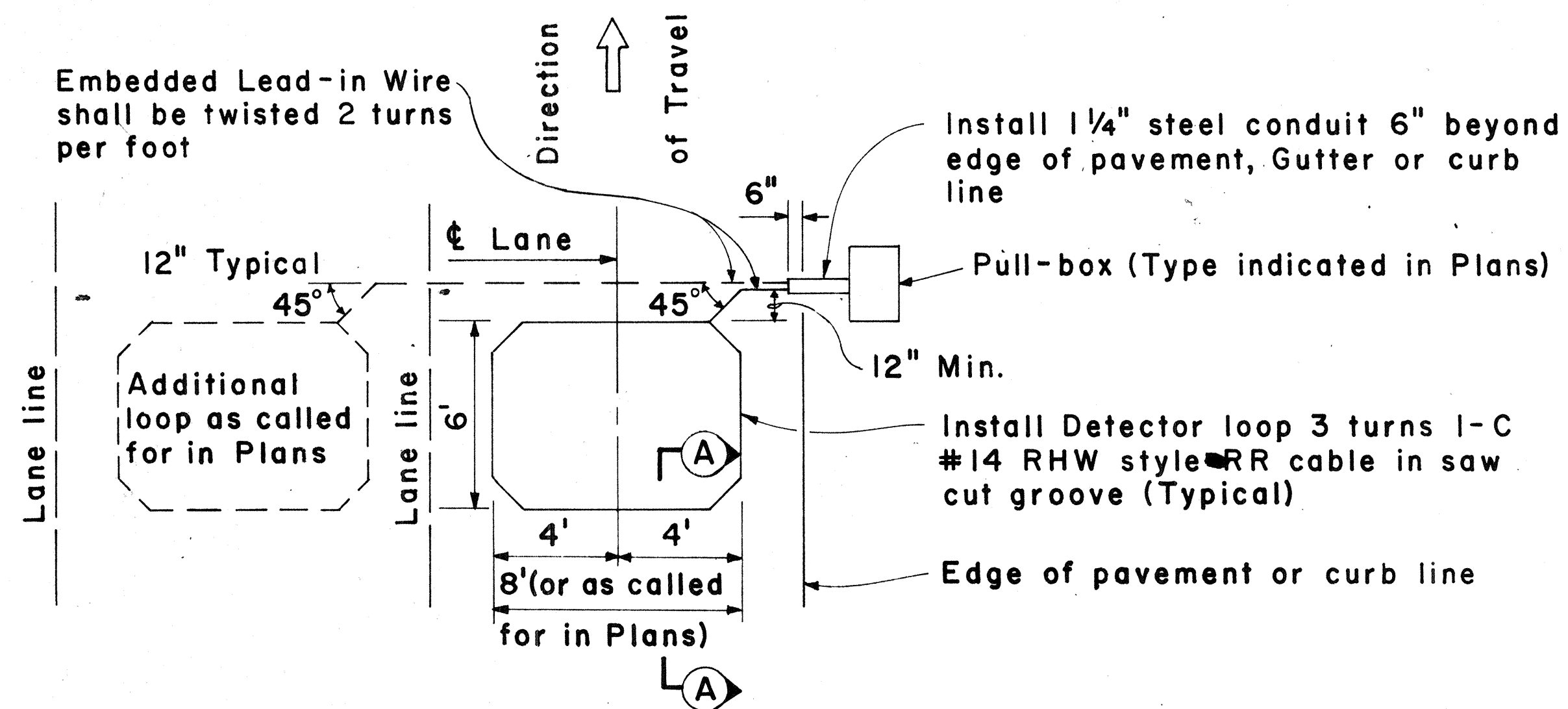
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HHS-0092-1(12)	1978	C.0.28 S-1	59



TYPICAL LOOP CONFIGURATIONS
No Scale

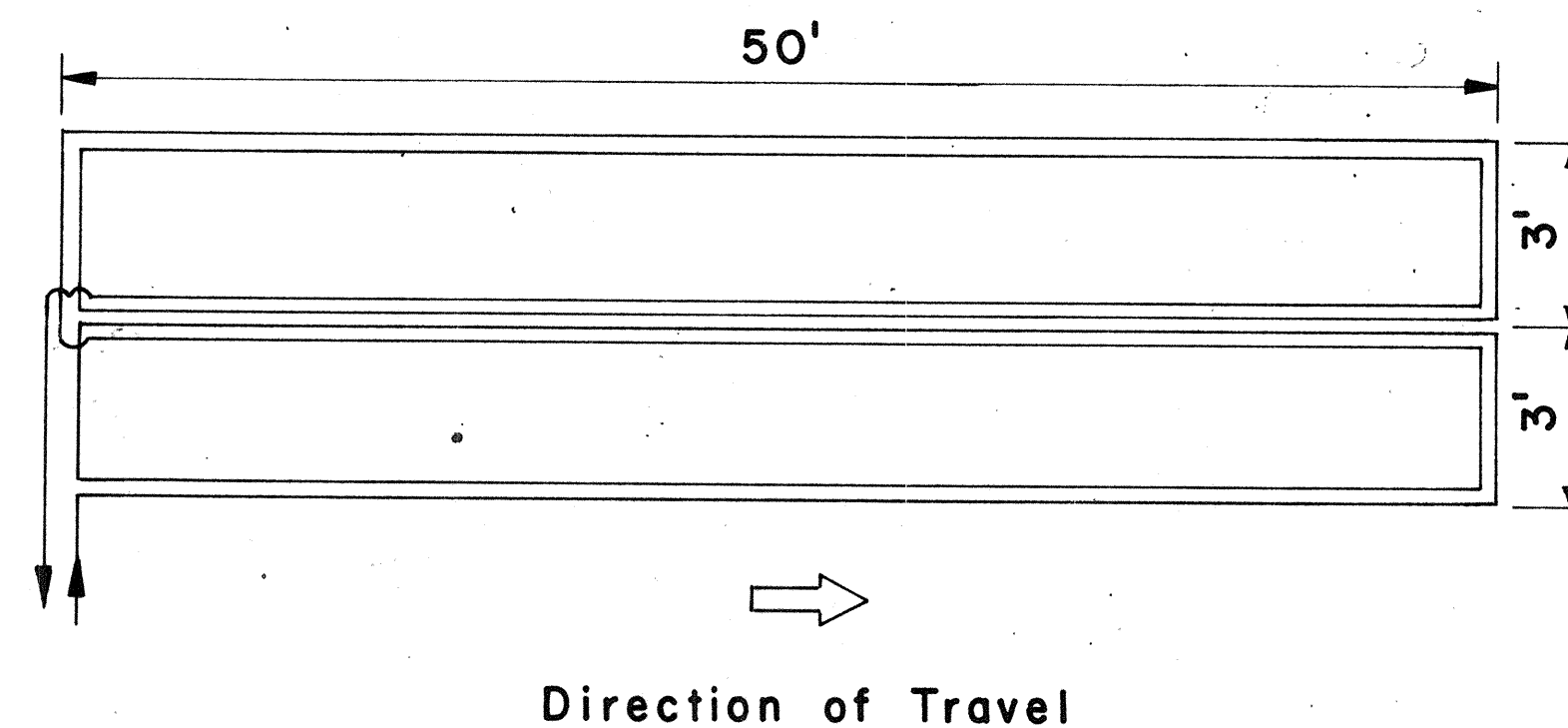


TYPICAL SERIES PARALLEL LOOP CONNECTION
No Scale

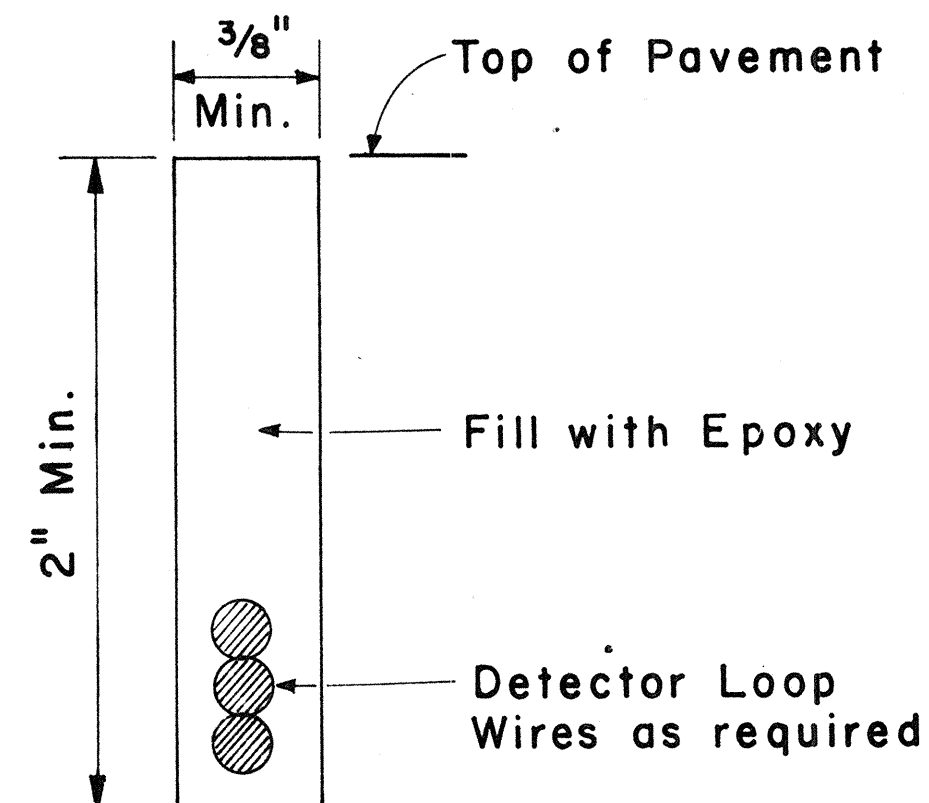


PLAN - MULTIPLE LOOP LAYOUT
Scale : 1/4" = 1' - 0"

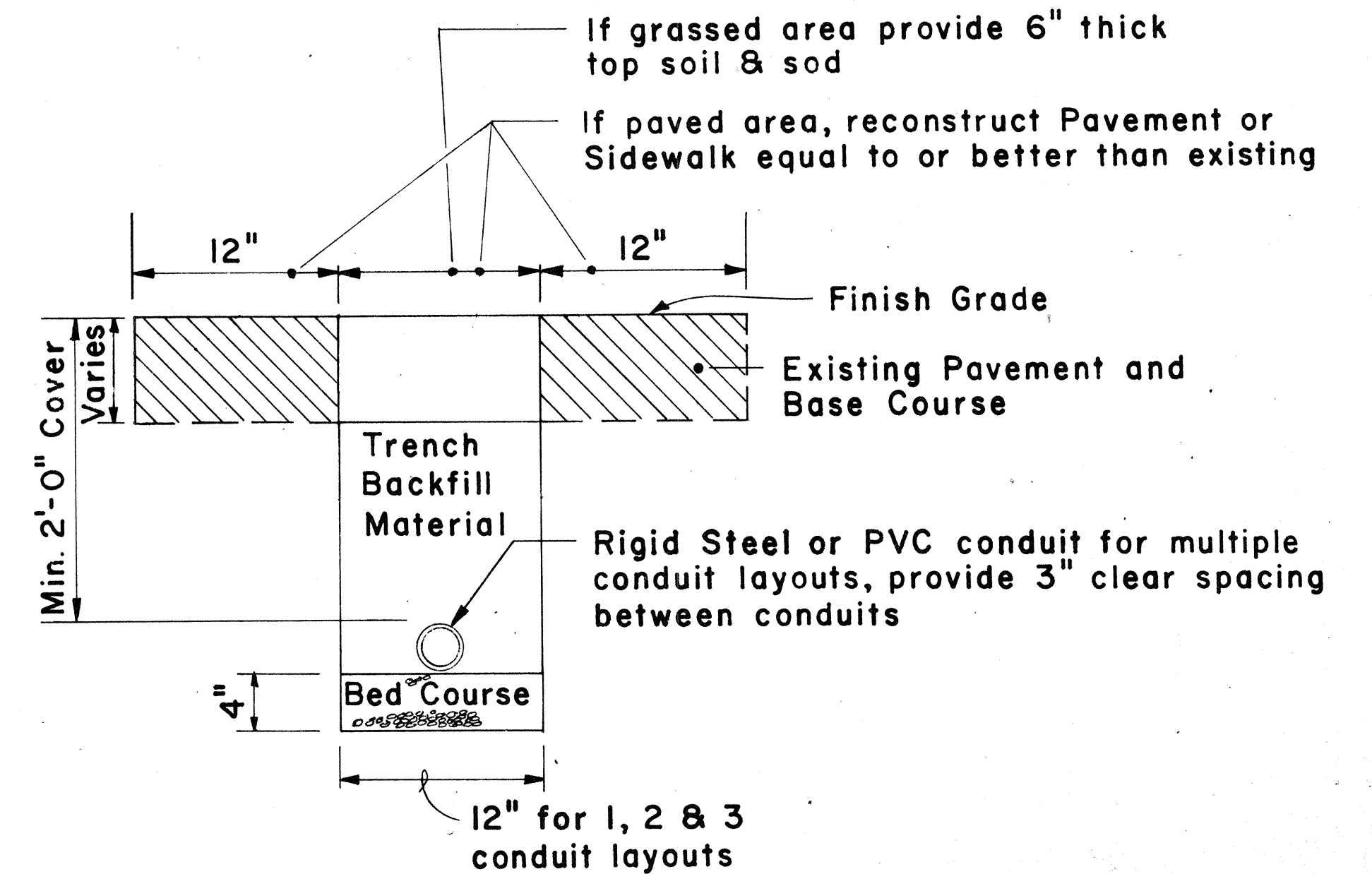
DETECTION LOOP
Scale : As Shown



WIRING FOR 6' x 50' LOOP DETECTOR
No Scale



Detector Loop Saw-Cut SECTION A-A (TYPICAL)
No Scale



TYPICAL TRENCH SECTION FOR CONDUIT
Scale : 1 1/2" = 1' - 0"

NOTE:

1. All conduits under roadways shall be steel or PVC schedule 80. All other conduits shall be steel or PVC schedule 40.

APPROVAL RECOMMENDED:
Eishi Tanaka 3/4/76
TRAFFIC ENGINEER DATE

APPROVED:
Hubert B. Balentine 2-2-78
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE
1	Add dimensions to Loop Configurations	H.T.	9-22-76

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
TRAFFIC SIGNAL SYSTEM MISCELLANEOUS DETAILS

Scale : As Noted
SHEET NO. OF SHEETS DT 405

C.0.28 S-1