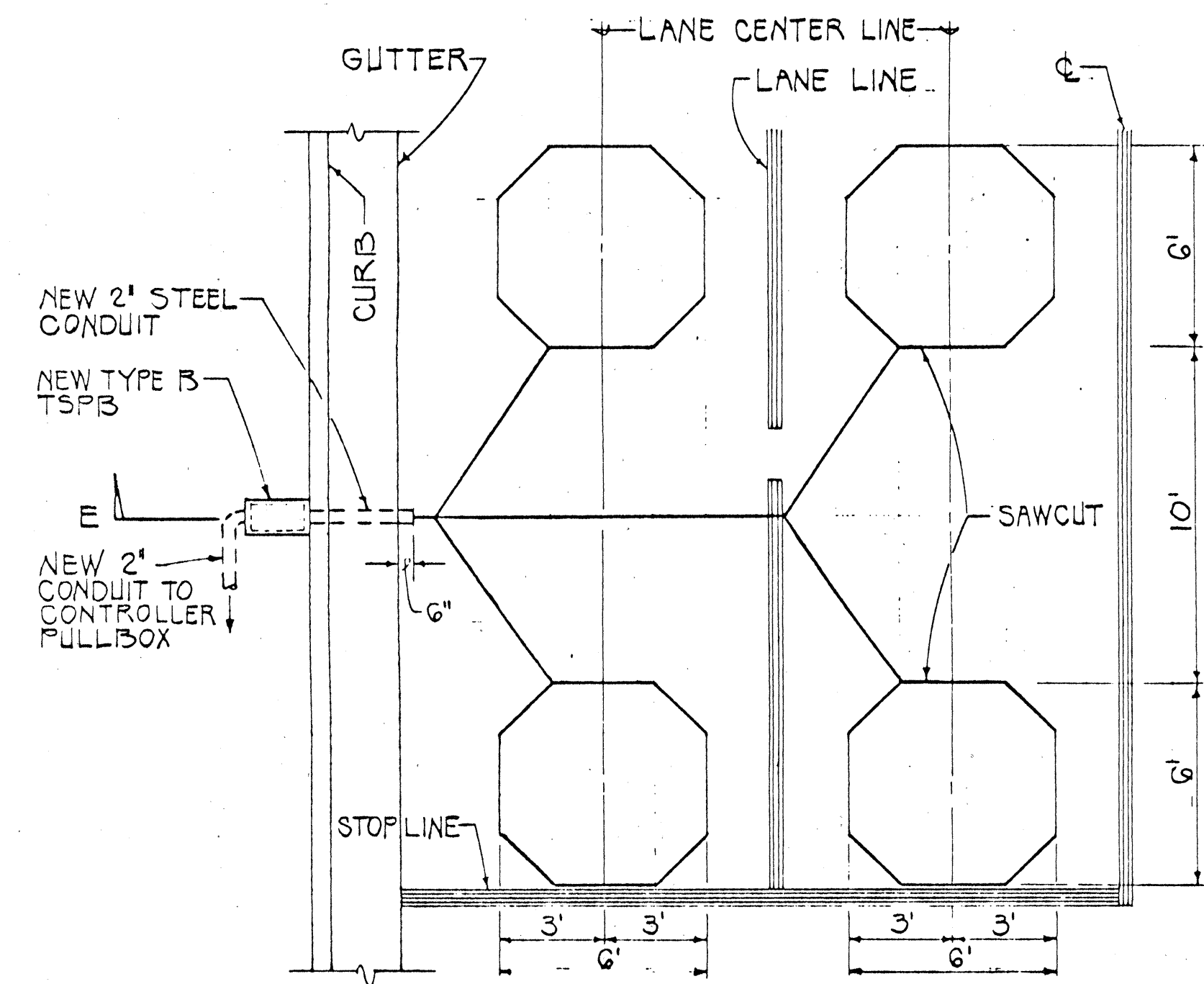
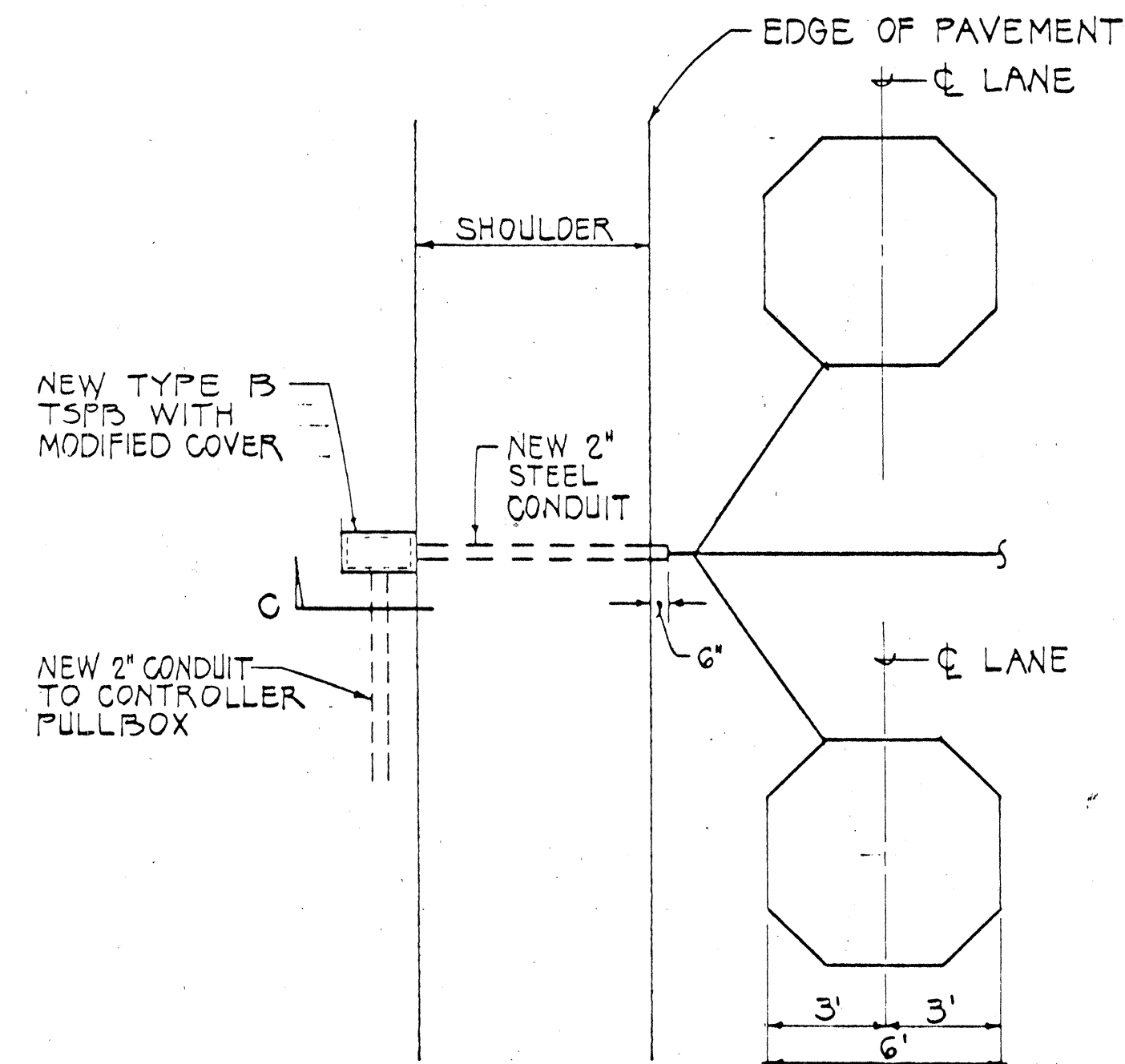


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HES-080-1(9)       | 1990        | 6         | 6            |

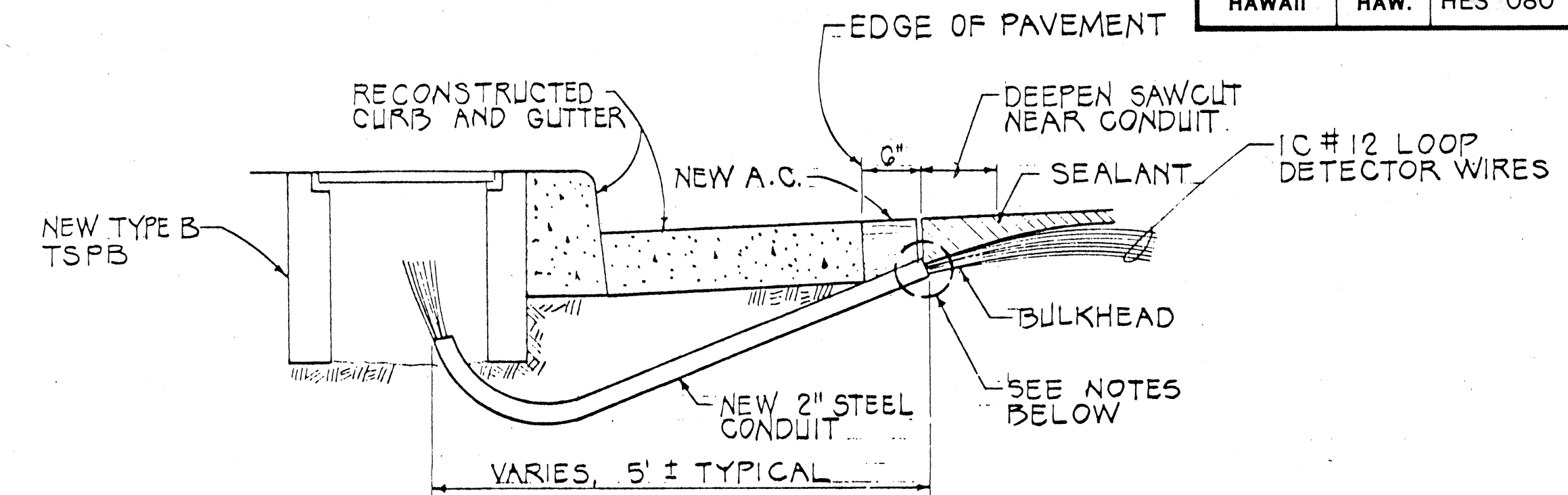


NOTE: ADD ONE PAIR OF LOOPS FOR EACH ADDITIONAL LANE

**TYPICAL LAYOUT AT STOPLINES**  
SCALE: 1/4" = 1'-0"

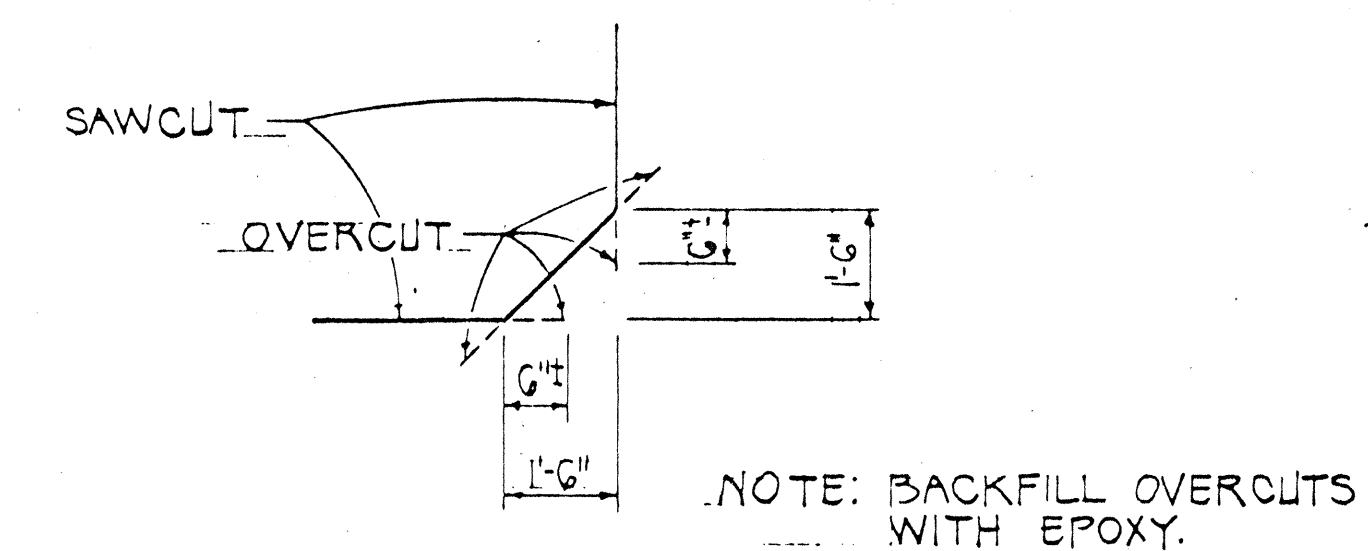


**TYPICAL LAYOUT AT SHOULDER AREAS**  
SCALE: 1/4" = 1'-0"

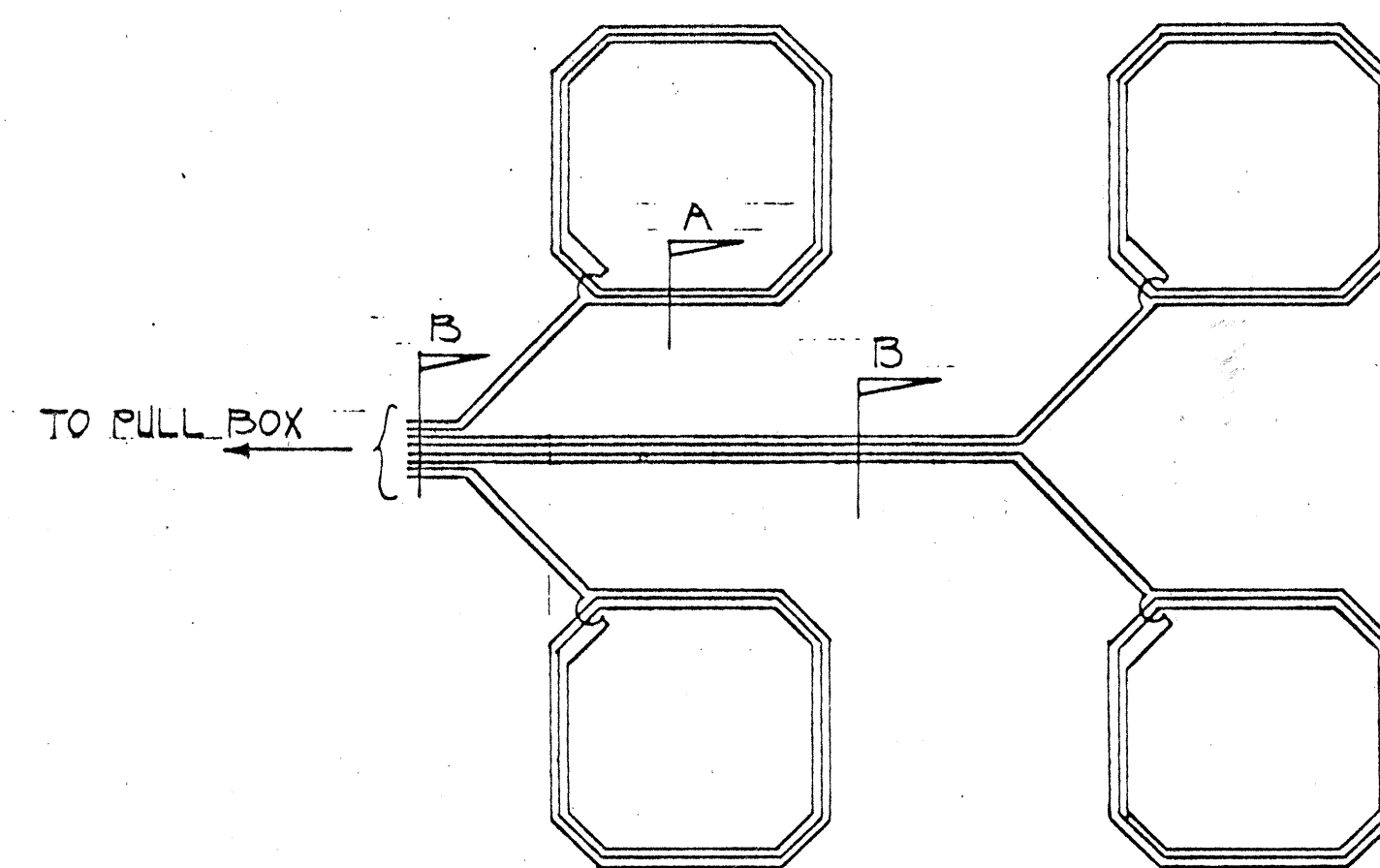


- NOTES:
1. SEAL ROADWAY END OF CONDUIT AFTER INSTALLATION OF CONDUCTORS.
  2. INSTALL BULKHEAD ACROSS CONDUIT TRENCH.
  3. PLACE APPROVED SEALANT IN SAWCUT.
  4. BACKFILL OVER CONDUIT WITH NEW A.C.
  5. RECONSTRUCT CURB AND GUTTER AS REQUIRED.

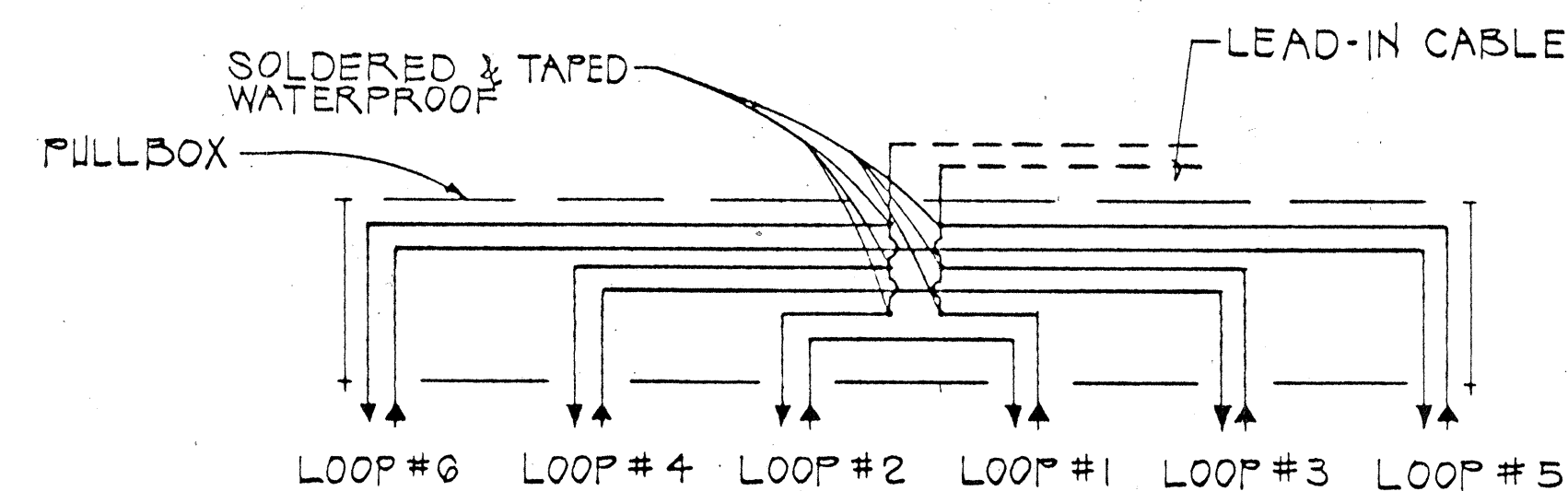
**SECTION E**  
NOT TO SCALE



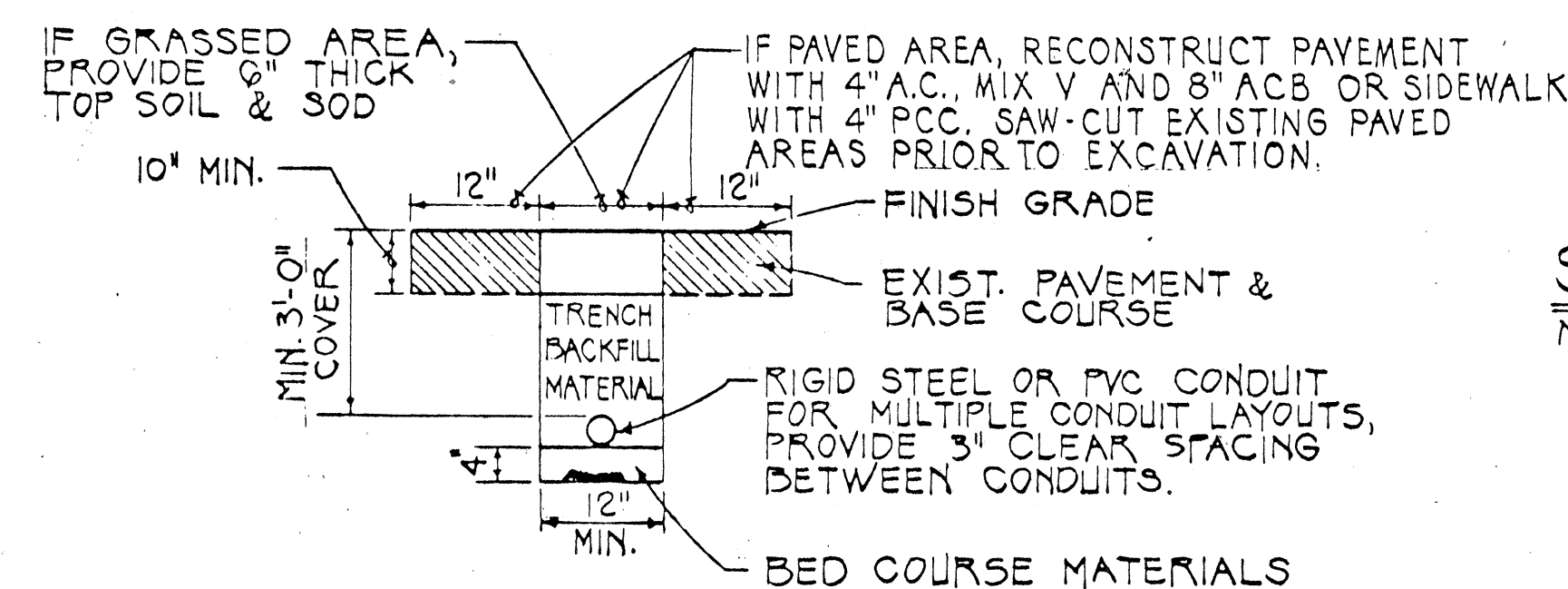
**DETAIL OF SAWCUT AT CORNERS**  
NOT TO SCALE



**WIRING DIAGRAM**  
NOT TO SCALE



**DETAIL "A"**  
**TYPICAL SERIES-PARALLEL LOOP CONNECTION**

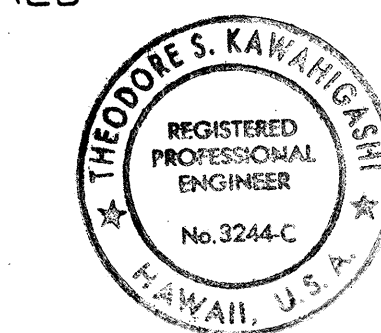


**SECTION C**  
NOT TO SCALE

NOTE: ALL CONDUITS UNDER ROADWAYS SHALL BE STEEL OR PVC SCHEDULE 80

**SECTION A**  
NOT TO SCALE

**SECTION B**  
NOT TO SCALE



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Theodore S. Kawahigashi*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**LOOP DETECTOR DETAILS**

KAMEHAMEHA HIGHWAY  
TRAFFIC SIGNALS AT  
AVOCADO STREET / OHAI STREET  
FED. AID PROJECT NO. HES-080-1(9)

SCALE: NONE DATE: APR. 1990

SHEET NO. 1 OF 1 SHEETS