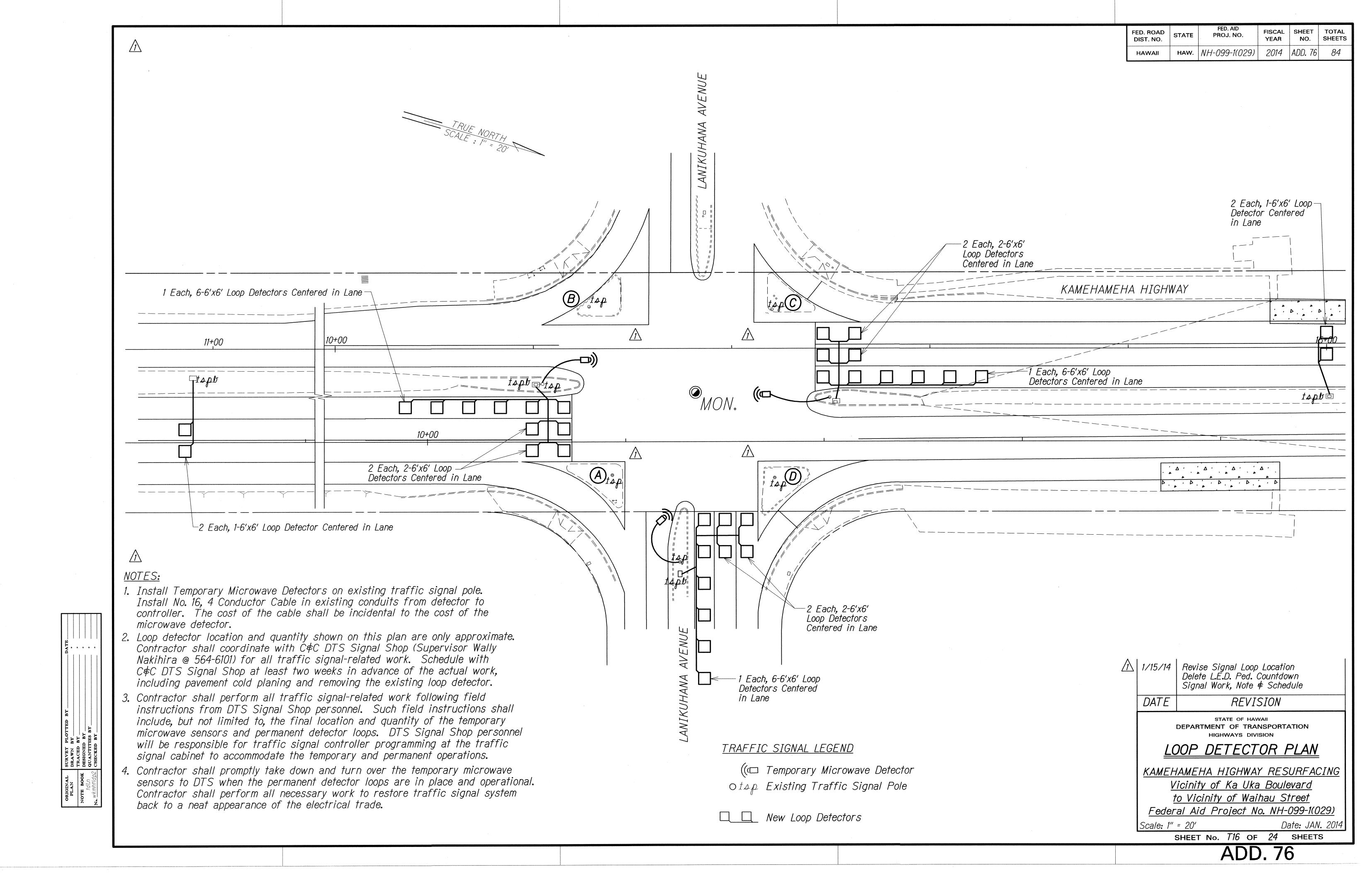
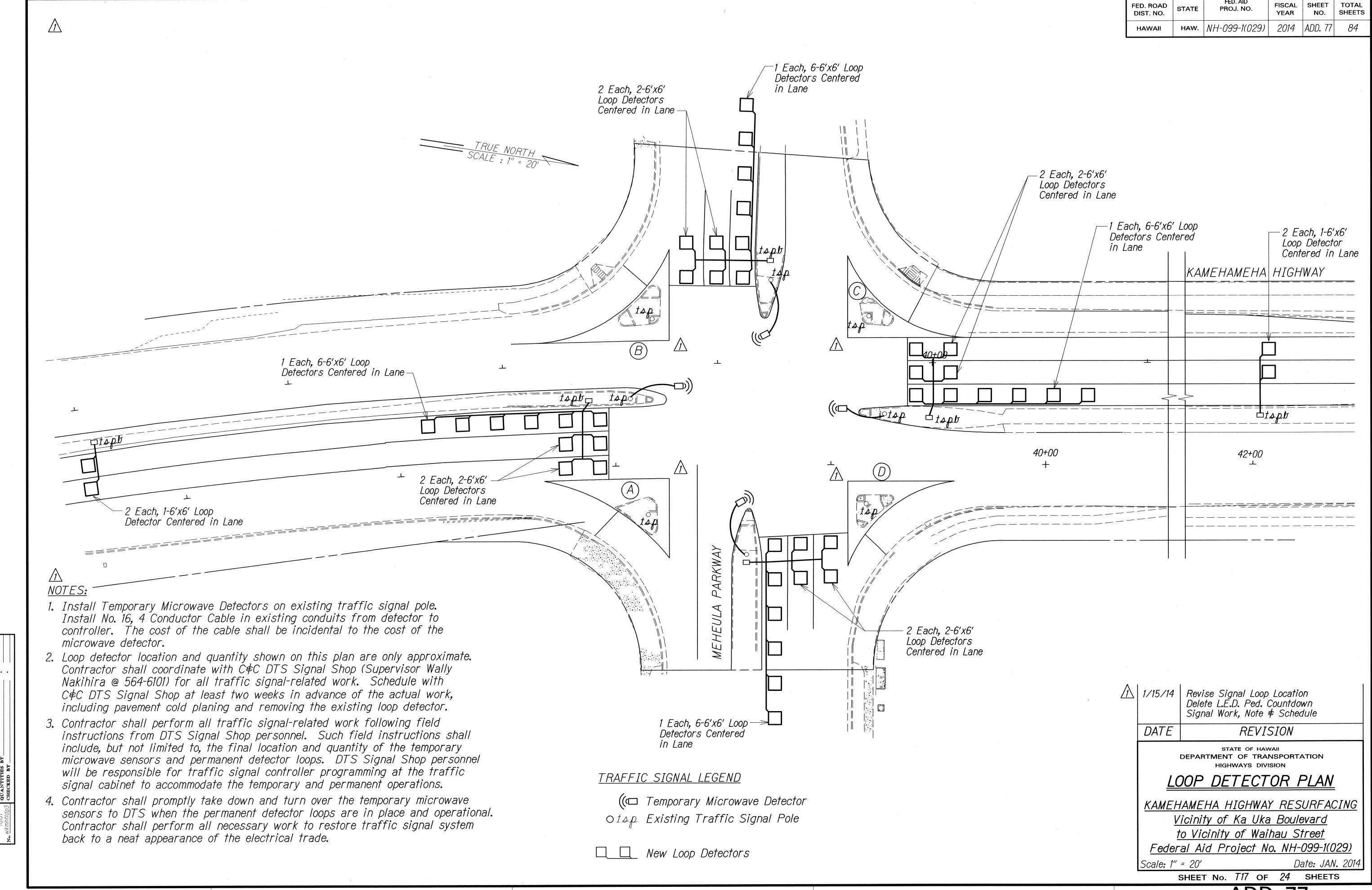
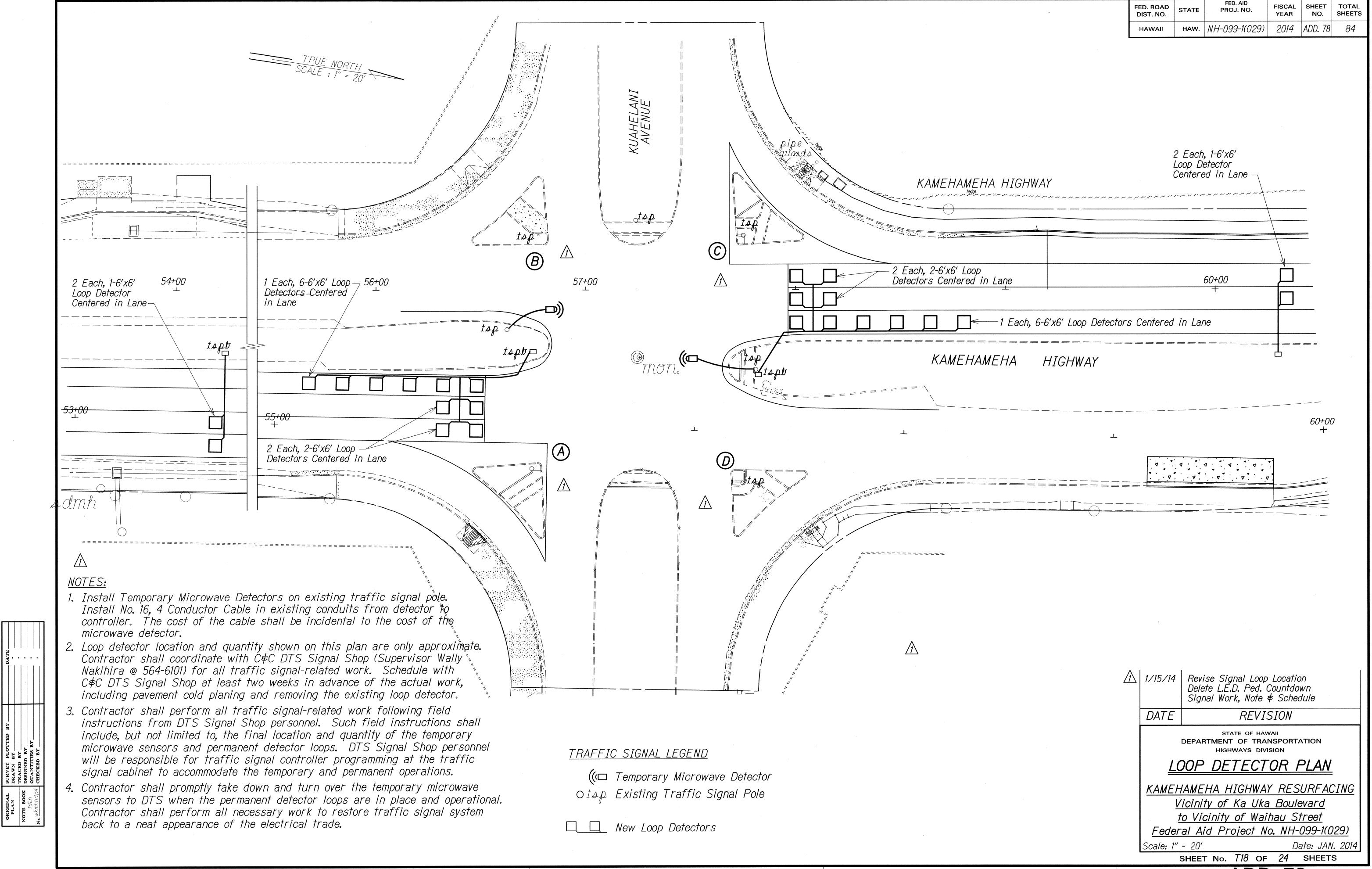


ADD. 75

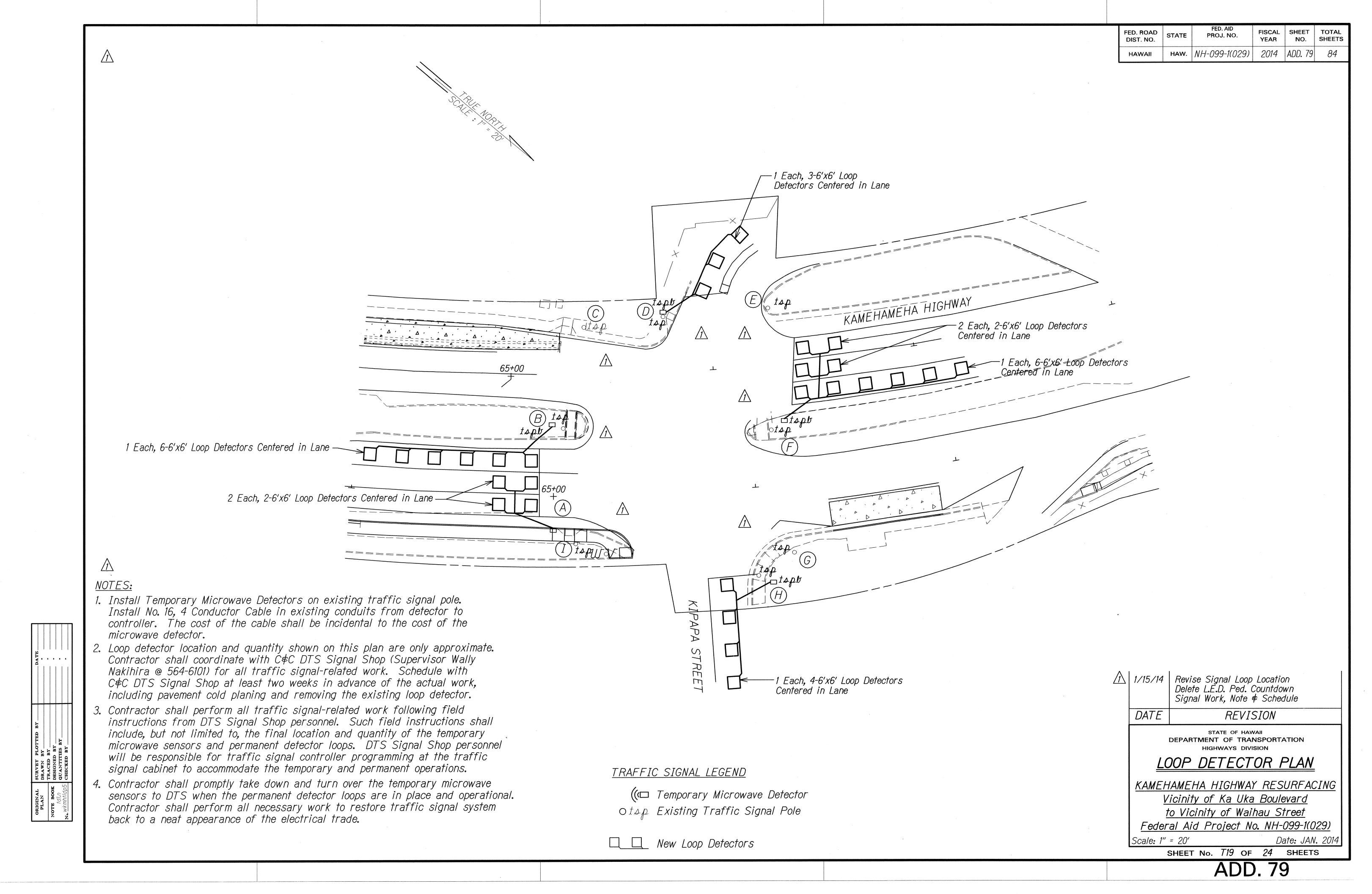


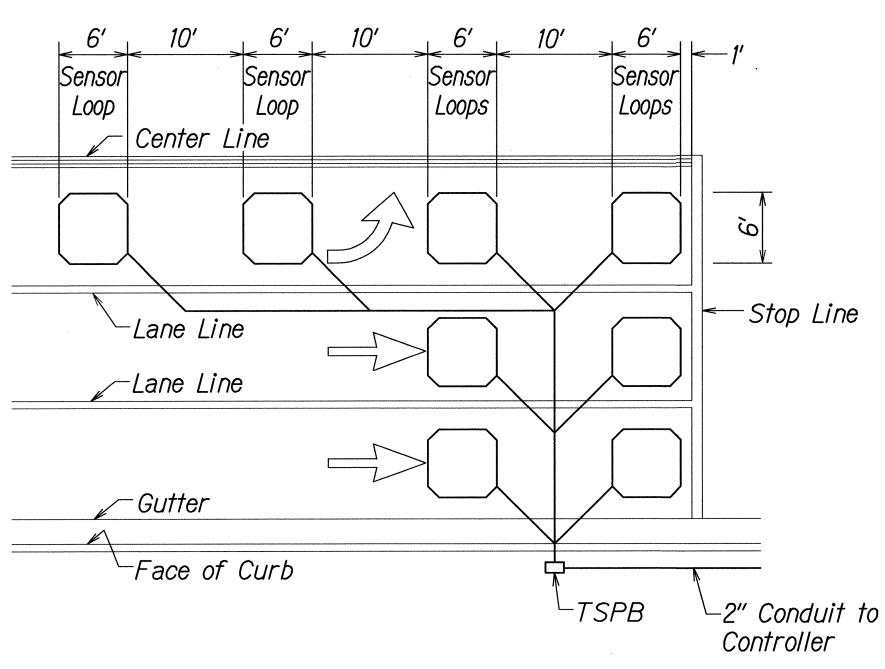


ADD. 77



ADD. 78

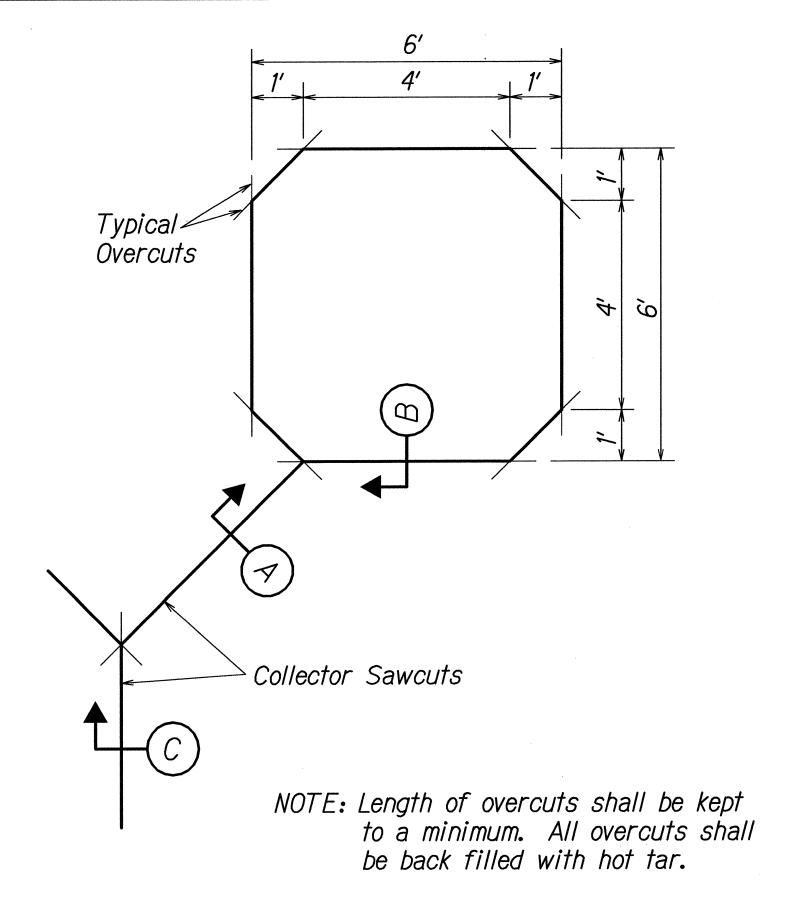




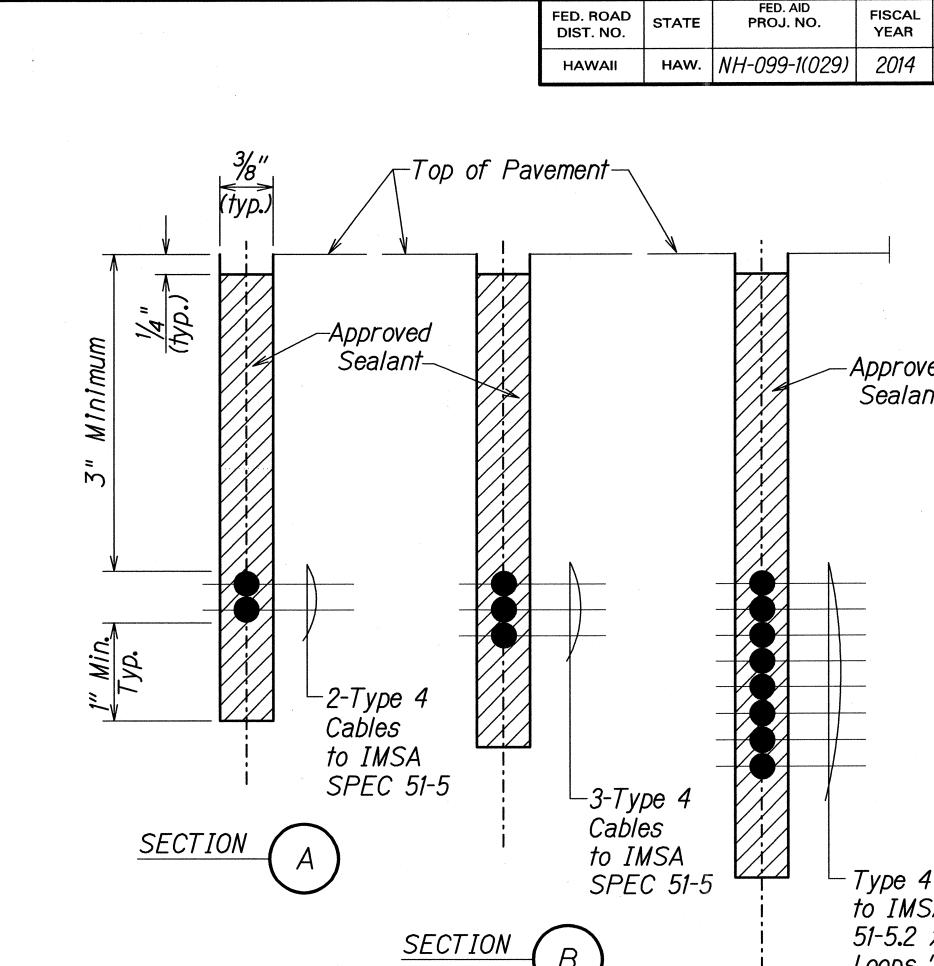
## NOTES:

- 1. Center sensor loops in lanes.
- 2. Collector cables shall be twisted 2 turns per foot.
- 3. Number of loops and locations vary. See project plans.
- 4. Number and locations of collector sawcuts may be varied in the field to suit.

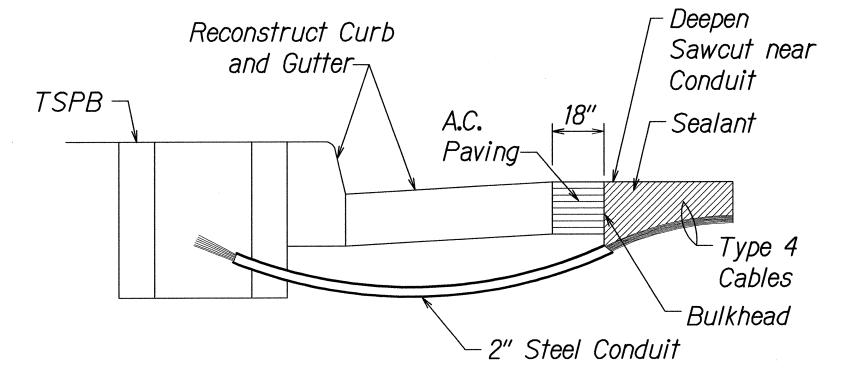
## TYPICAL SENSOR LOOP LAYOUT



TYPICAL SENSOR LOOP SAWCUT DETAIL



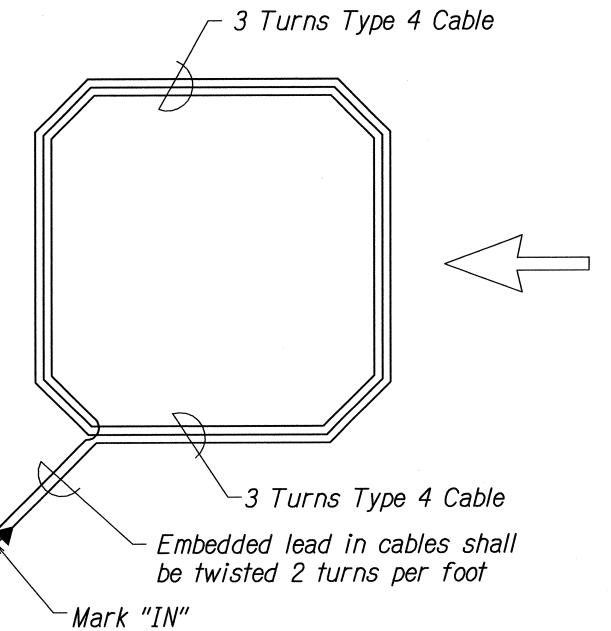
TYPICAL SECTION THROUGH SENSOR LOOP Not to Scale



## NOTES ON CONSTRUCTION AT END OF SAWCUT

- 1. Seal roadway end of conduit after installation of conductors.
- 2. Install bulkhead across conduit trench.
- 3. Place hot tar in sawcut.
- 4. Backfill over conduit with new A.C.
- 5. Reconstruct curb and gutter as required.

DETAIL OF SENSOR LOOP INSTALLATION AT EDGE OF ROADWAY



TYPICAL SENSOR LOOP WIRING DIAGRAM

Not to Scale



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

FISCAL YEAR

-Approved Sealant

Type 4 Cables to IMSA SPEC

51-5.2 x No. of

Loops "Upstream"

80

## LOOP DETECTOR DETAILS

<u>SECTION</u>

KAMEHAMEHA HIGHWAY RESURFACING Vicinity of Ka Uka Boulevard to Vicinity of Waihau Street

Federal Aid Project No. NH-099-1(029) Scale: As Shown Date: Sept. 2013

SHEET No. T20 OF 24 SHEETS



