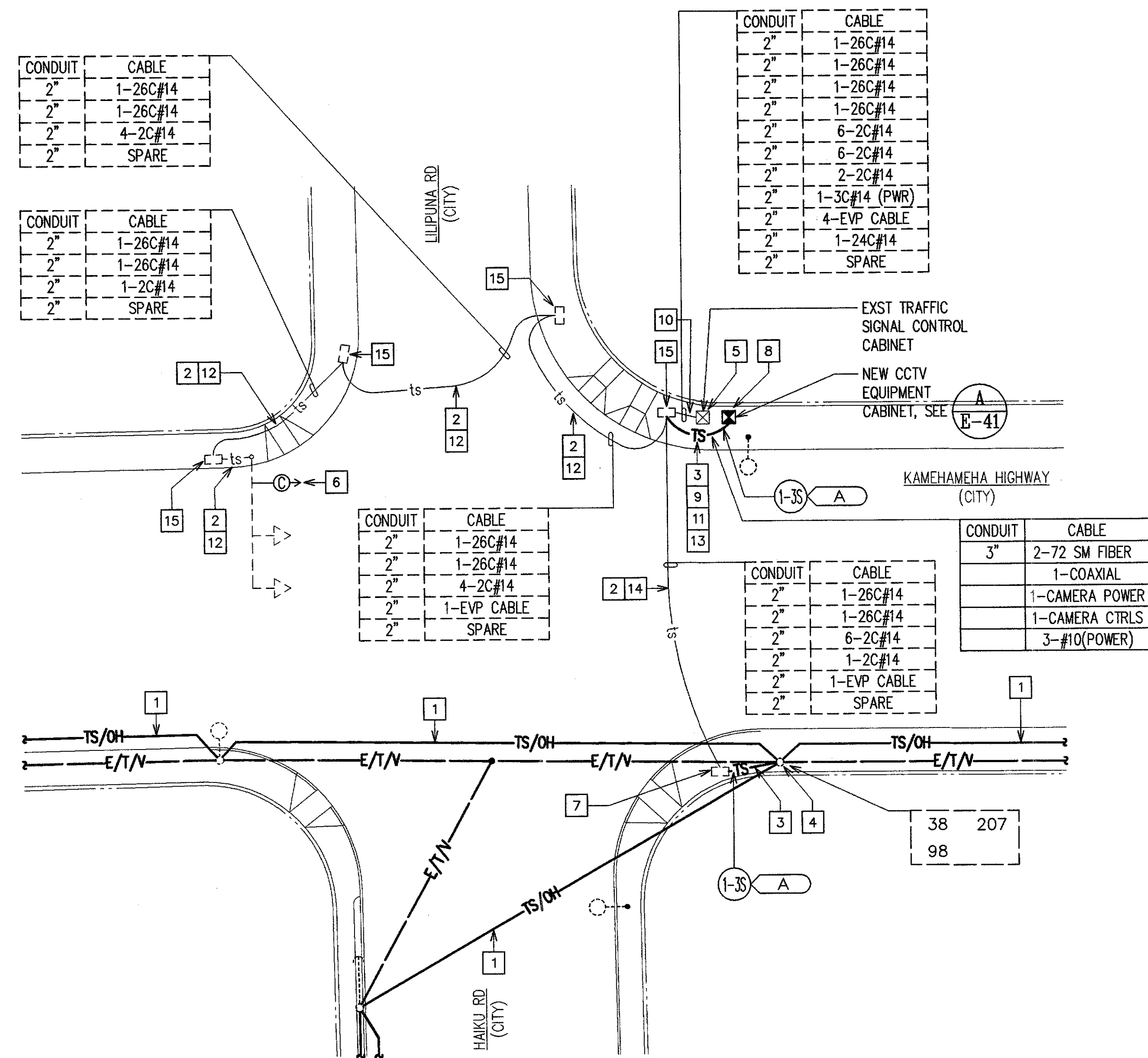


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	STP-0001 (30)	2007	38	89

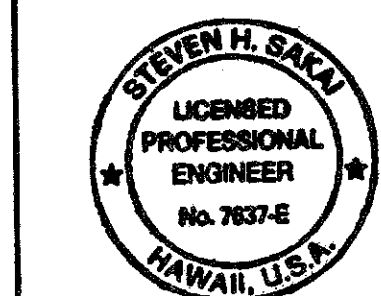
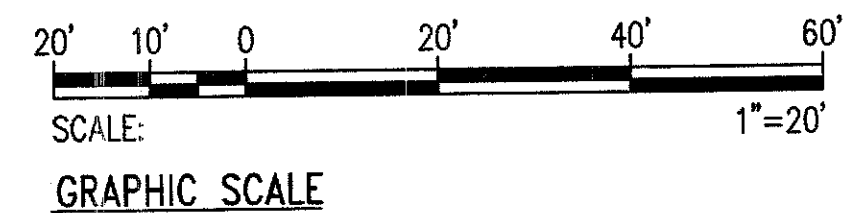


## KAMEHAMEHA HWY/HAIKU RD/LILIPUNA RD CCTV PLANS

SCALE: 1"=20'

### ITEMS OF WORK:

1. PROVIDE NEW 72-STRAND FIBER OPTIC TRAFFIC SIGNAL CABLE INSTALLED BETWEEN EXISTING HECO POLES.
2. PROVIDE NEW TRAFFIC CONTROL WIRING IN EXISTING TRAFFIC SIGNAL CONDUIT. TYPE AS INDICATED.
3. NEW UNDERGROUND TRAFFIC CONTROL RACEWAY AND WIRING. 3" CONDUIT, WIRING AS INDICATED.
4. NEW FIBER OPTIC CABLE RISER AT EXISTING HECO POLE. PROVIDE 3" GRS CONDUIT RISER AT POLE, FROM FINISHED GRADE TO 30" BELOW CONNECTION POINT. SEAL AROUND CABLE AT END OF RISER. SEE DETAIL C/E-42.
5. EXISTING TRAFFIC SIGNAL CONTROL CABINET. CONNECT TO EXISTING POWER CIRCUIT AND EXTEND TO NEW CCTV EQUIPMENT CABINET.
6. PROVIDE NEW CAMERA ON EXISTING MAST ARM. SEE DETAIL A/E-42 FOR MOUNTING.
7. BREAK AND PATCH EXISTING TRAFFIC SIGNAL PULLBOX FOR INSTALLATION OF NEW CONDUIT.
8. NEW VIDEO EQUIPMENT CABINET. LOCATE MINIMUM OF 4'-0" FROM EXISTING TRAFFIC SIGNAL CABINET.
9. SAWCUT AND PATCH SIDEWALK FOR NEW CONDUIT INSTALLATION.
10. PROVIDE 2#10, 1#10 GROUND FOR NEW VIDEO EQUIPMENT CABINET POWER, IN EXISTING CONDUIT.
11. NEW 3"C, PROVIDE CCTV POWER CABLE, CCTV CONTROL CABLE, COAXIAL VIDEO CABLE AND TWO 72-STRAND FIBER OPTIC CABLES EACH WITH 1" DIAMETER INNER DUCT.
12. INSTALL NEW CCTV POWER CABLE AND COAXIAL VIDEO CABLE IN EXISTING CONDUIT. CONTRACTOR TO COORDINATE WITH DTS TRAFFIC SIGNAL AND TECHNOLOGY DIVISION, ANY INTERRUPTION TO THE EXISTING TRAFFIC SIGNAL SYSTEM. SEE TRAFFIC CONTROL PLANS.
13. PROVIDE 2#10, 1#10 GROUND FOR NEW VIDEO EQUIPMENT CABINET POWER, IN NEW 2" CONDUIT.
14. INSTALL TWO NEW 72-STRAND FIBER OPTIC CABLE IN EXISTING CONDUIT. CONTRACTOR TO COORDINATE WITH DTS TRAFFIC SIGNAL AND TECHNOLOGY DIVISION, ANY INTERRUPTION TO THE EXISTING TRAFFIC SIGNAL SYSTEM. SEE TRAFFIC CONTROL PLANS.
15. EXISTING TRAFFIC SIGNAL PULLBOX.



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.  
LIC. EXPIRATION: 4/30/08

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU  
FEDERAL AID NO. STP-0001(30)  
COMPUTERIZED TRAFFIC CONTROL SYSTEM  
PHASE 9

KAMEHAMEHA HWY/HAIKU RD/LILIPUNA RD CCTV PLANS

ENGINEER	GTN	DATE	MARCH 2007
DRAFTSMAN	SS	SCALE	AS NOTED
CHK. BY		REF.	
APPROVED:		APPROVED:	
DIRECTOR		DIVISION ENGINEER	