CONTRACT NO. 66831

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	28 N & I	LIVINGSTON	6	4
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION NOTES:

CONTRACTOR SHALL INSTALL FLASHER BEACONS ATOP THE STOP AHEAD SIGNS ALONG IL 170 IMEDIATELY NORTH AND SOUTH OF THE INTERSECTION WITH IL 17.

CONTRACTOR SHALL REPLACE THE EXISTING FLASHER BEACONS AND CONTROLLERS ATOP THE STOP AHEAD SIGNS ALONG IL 17 IMEDIATELY EAST AND WEST OF THE INTERSECTION WITH IL 170.

CONTRACTOR SHALL REPLACE THE EXISTING FLASHER BEACONS ATOP THE STOP SIGNS AS WELL AS FLASHER CONTROLLER AT THE INTERSECTION OF IL 17 AND IL 170.
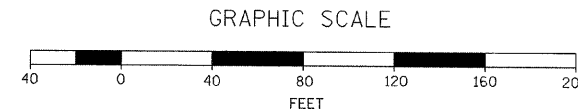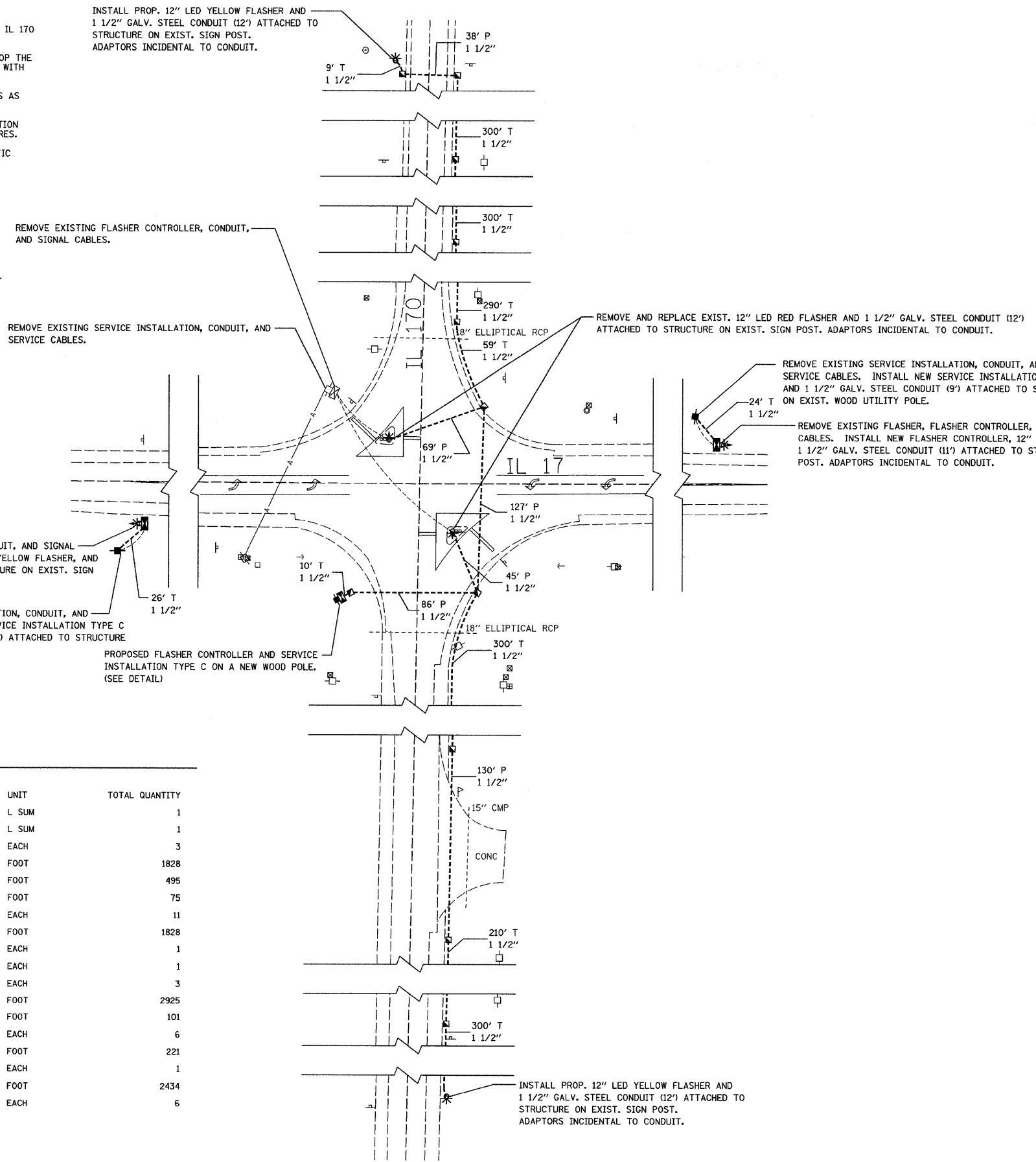
THE EXISTING SERVICE INSTALLATIONS FOR BOTH ADVANCE FLASHERS AND INTERSECTION FLASHERS SHALL BE REPLACED WITH NEW WEATHERPROOF STAINLESS STEEL ENCLOSURES.

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
3 EACH - FLASHER CONTROLLER
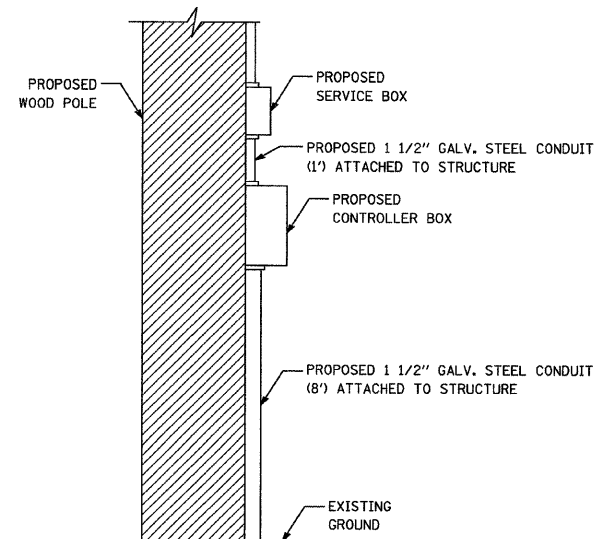4 EACH - SIGNAL HEAD, 1-FACE, 1-SECTION, POST MOUNTED
3 EACH - ELECTRICAL SERVICE

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
-□-	-■-	SERVICE INSTALLATION
⊠	⊞	FLASHER CONTROLLER
-------	----------	CONDUIT
⚘	⚘	SIGNAL HEAD WITH BACKPLATE
⊠	⊠	HANDHOLE
—A—		AERIAL CABLE

INSTALL PROP. 12" LED YELLOW FLASHER AND 1 1/2" GALV. STEEL CONDUIT (12') ATTACHED TO STRUCTURE ON EXIST. SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT.

38' P
1 1/2"

9' T
1 1/2"

300' T
1 1/2"

300' T
1 1/2"

290' T
1 1/2"

18" ELLIPTICAL RCP

59' T
1 1/2"

REMOVE EXISTING FLASHER CONTROLLER, CONDUIT, AND SIGNAL CABLES.

REMOVE EXISTING SERVICE INSTALLATION, CONDUIT, AND SERVICE CABLES.

REMOVE AND REPLACE EXIST. 12" LED RED FLASHER AND 1 1/2" GALV. STEEL CONDUIT (12') ATTACHED TO STRUCTURE ON EXIST. SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT.

REMOVE EXISTING SERVICE INSTALLATION, CONDUIT, AND SERVICE CABLES. INSTALL NEW SERVICE INSTALLATION TYPE C AND 1 1/2" GALV. STEEL CONDUIT (9') ATTACHED TO STRUCTURE ON EXIST. WOOD UTILITY POLE.

24' T
1 1/2"

REMOVE EXISTING FLASHER, FLASHER CONTROLLER, CONDUIT, AND SIGNAL CABLES. INSTALL NEW FLASHER CONTROLLER, 12" LED YELLOW FLASHER, AND 1 1/2" GALV. STEEL CONDUIT (11') ATTACHED TO STRUCTURE ON EXIST. SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT.

IL 17

69' P
1 1/2"

127' P
1 1/2"

45' P
1 1/2"

REMOVE EXISTING FLASHER, FLASHER CONTROLLER, CONDUIT, AND SIGNAL CABLES. INSTALL NEW FLASHER CONTROLLER, 12" LED YELLOW FLASHER, AND 1 1/2" GALV. STEEL CONDUIT (11') ATTACHED TO STRUCTURE ON EXIST. SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT.

26' T
1 1/2"

REMOVE EXISTING SERVICE INSTALLATION, CONDUIT, AND SERVICE CABLES. INSTALL NEW SERVICE INSTALLATION TYPE C AND 1 1/2" GALV. STEEL CONDUIT (9') ATTACHED TO STRUCTURE ON EXIST. WOOD UTILITY POLE.

PROPOSED FLASHER CONTROLLER AND SERVICE INSTALLATION TYPE C ON A NEW WOOD POLE. (SEE DETAIL)

10' T
1 1/2"

86' P
1 1/2"

18" ELLIPTICAL RCP

300' T
1 1/2"

130' P
1 1/2"

15" CMP

CONC

210' T
1 1/2"

300' T
1 1/2"

INSTALL PROP. 12" LED YELLOW FLASHER AND 1 1/2" GALV. STEEL CONDUIT (12') ATTACHED TO STRUCTURE ON EXIST. SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT.

GRAPHIC SCALE

40 0 40 80 120 160 200
FEET

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SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
80500300	SERVICE INSTALLATION, TYPE C	EACH	3
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	1828
81021320	CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	495
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	75
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	11
81900200	TRENCH BACKFILL FOR ELECTRICAL WORK	FOOT	1828
83057150	LIGHT POLE, WOOD, 30 FOOT, CLASS 4	EACH	1
85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	1
85801000	FLASHER CONTROLLER	EACH	3
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2925
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	101
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	6
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	221
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2434
Z0055300	RUMBLE STRIP	EACH	6

PROPOSED WOOD POLE

PROPOSED SERVICE BOX

PROPOSED 1 1/2" GALV. STEEL CONDUIT (1') ATTACHED TO STRUCTURE

PROPOSED CONTROLLER BOX

PROPOSED 1 1/2" GALV. STEEL CONDUIT (8') ATTACHED TO STRUCTURE

EXISTING GROUND

INTERSECTION CONTROLLER/SERVICE BOX INSTALLATION
N.T.S.

PLOT DATE = 04/08
FILE NAME = TSPLAN.DGN
PLOT SCALE = 1" = 40'
USER NAME = NOE