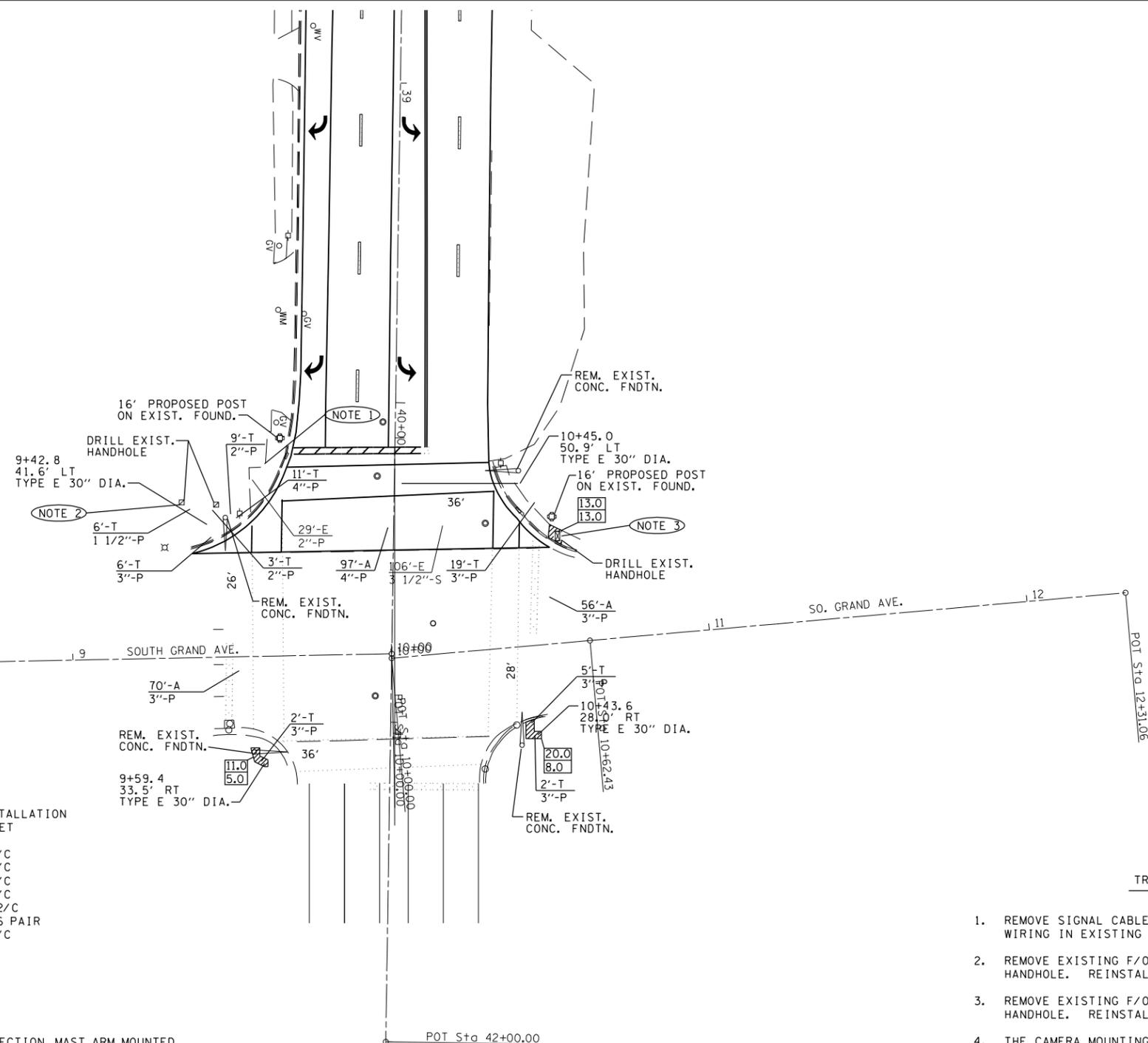


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	SP-Z, RS-4	SANGAMON	80	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC SIGNAL QUANTITIES

LOCATION: NINTH AND SOUTH GRAND

QUANTITY	UNIT	ITEM
26.0	SO FT	PORTLAND CEMENT CONCRETE SIDEWALK, 4"
44.0	SO FT	SIDEWALK REMOVAL
17 18.0	SO FT	SIGN PANEL, TYPE I
36.0	SO FT	SIGN PANEL, TYPE II
6.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
12.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
34.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
11.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
126.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
97.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
2	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
63.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	TRANSCEIVER - FIBER OPTIC
487.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
751.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
618.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
148.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
254.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
686.0	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 6 PAIR
32.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 3/C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.
3.0	FOOT	CONCRETE FOUNDATION, TYPE D
47.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
3	EACH	DRILL EXISTING HANDHOLE
8	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
16	EACH	TRAFFIC SIGNAL BACKPLATE
8	EACH	PEDESTRIAN PUSH-BUTTON
29.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
141.0	FOOT	REMOVE AND REINSTALL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
4	EACH	CAMERA MOUNTING ASSEMBLY

TRAFFIC SIGNAL NOTES:

1. REMOVE SIGNAL CABLES IN EXISTING CONDUIT. INSTALL PROPOSED WIRING IN EXISTING CONDUIT
2. REMOVE EXISTING F/O FROM EXISTING CABINET TO EXISTING HANDHOLE. REINSTALL TO PROPOSED CABINET.
3. REMOVE EXISTING F/O FROM EXISTING CABINET TO EXISTING HANDHOLE. REINSTALL TO PROPOSED CABINET.
4. THE CAMERA MOUNTING ASSEMBLIES SHALL BE OF THE CORRECT TYPE TO ATTACH TO THE HORIZONTAL ARMS OF THE PROPOSED MAST ARM ASSEMBLIES

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
 FAP ROUTE 666 (I-55 BUS/9TH STREET)
 NINTH STREET AT SOUTH GRAND AVE

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

\$SUB\$