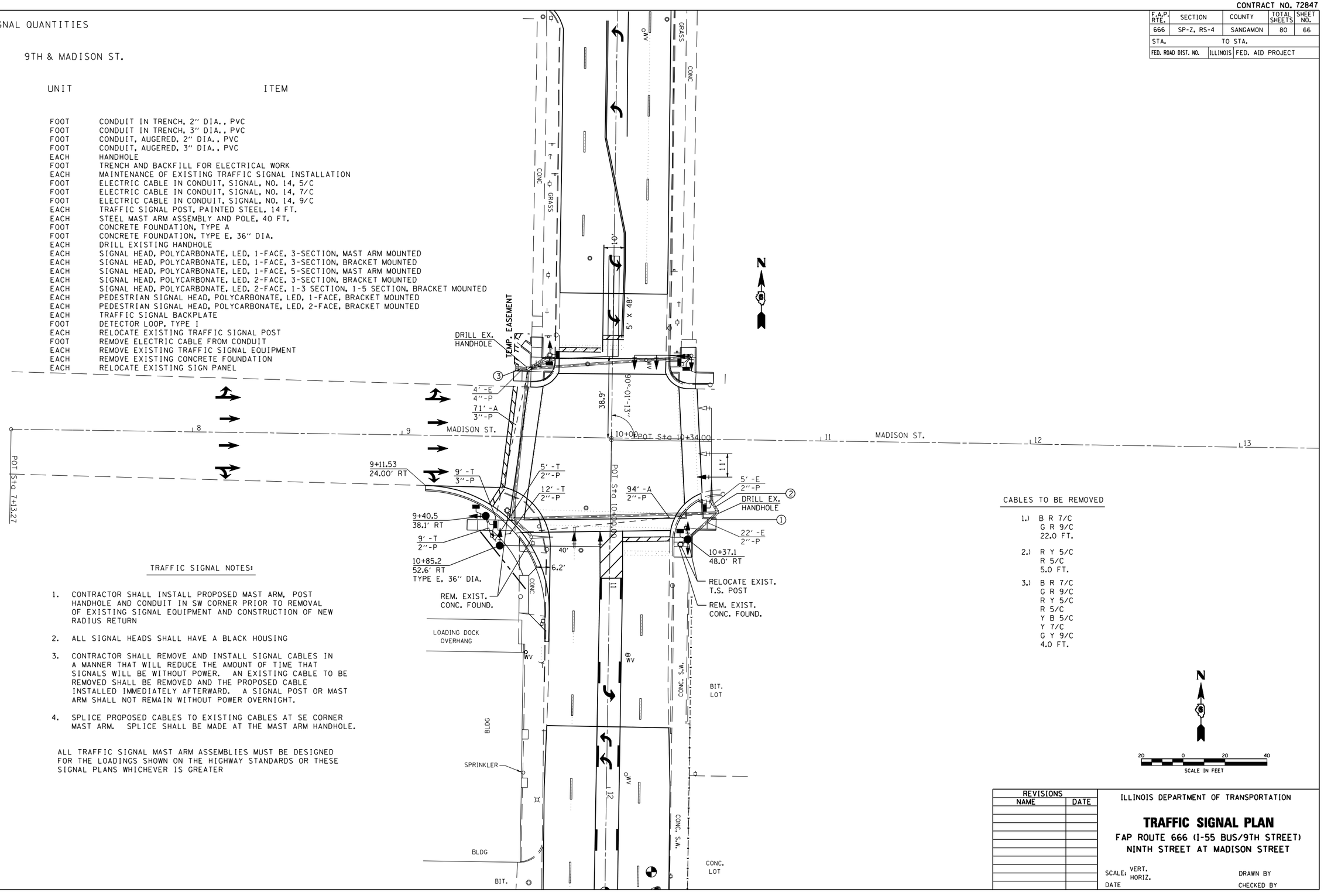
CONTRACT NO. 72847

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	SP-Z, RS-4	SANGAMON	80	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL QUANTITIES

LOCATION: 9TH & MADISON ST.

QUANTITY	UNIT	ITEM
26.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
9.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
94.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
71.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
1	EACH	HANDHOLE
35.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
181.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
418.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
375.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
1	EACH	TRAFFIC SIGNAL POST, PAINTED STEEL, 14 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
6.0	FOOT	CONCRETE FOUNDATION, TYPE A
13.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
2	EACH	DRILL EXISTING HANDHOLE
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
3	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
9	EACH	TRAFFIC SIGNAL BACKPLATE
179.0	FOOT	DETECTOR LOOP, TYPE I
1	EACH	RELOCATE EXISTING TRAFFIC SIGNAL POST
103.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	REMOVE EXISTING CONCRETE FOUNDATION
3	EACH	RELOCATE EXISTING SIGN PANEL



TRAFFIC SIGNAL NOTES:

1. CONTRACTOR SHALL INSTALL PROPOSED MAST ARM, POST HANDHOLE AND CONDUIT IN SW CORNER PRIOR TO REMOVAL OF EXISTING SIGNAL EQUIPMENT AND CONSTRUCTION OF NEW RADIUS RETURN
2. ALL SIGNAL HEADS SHALL HAVE A BLACK HOUSING
3. CONTRACTOR SHALL REMOVE AND INSTALL SIGNAL CABLES IN A MANNER THAT WILL REDUCE THE AMOUNT OF TIME THAT SIGNALS WILL BE WITHOUT POWER. AN EXISTING CABLE TO BE REMOVED SHALL BE REMOVED AND THE PROPOSED CABLE INSTALLED IMMEDIATELY AFTERWARD. A SIGNAL POST OR MAST ARM SHALL NOT REMAIN WITHOUT POWER OVERNIGHT.
4. SPLICE PROPOSED CABLES TO EXISTING CABLES AT SE CORNER MAST ARM. SPLICE SHALL BE MADE AT THE MAST ARM HANDHOLE.

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

CABLES TO BE REMOVED

1.) B R 7/C
G R 9/C
22.0 FT.

2.) R Y 5/C
R 5/C
5.0 FT.

3.) B R 7/C
G R 9/C
R Y 5/C
R 5/C
Y B 5/C
Y 7/C
G Y 9/C
4.0 FT.

N

20 0 20 40
SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN

FAP ROUTE 666 (I-55 BUS/9TH STREET)
NINTH STREET AT MADISON STREET

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

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

SUB