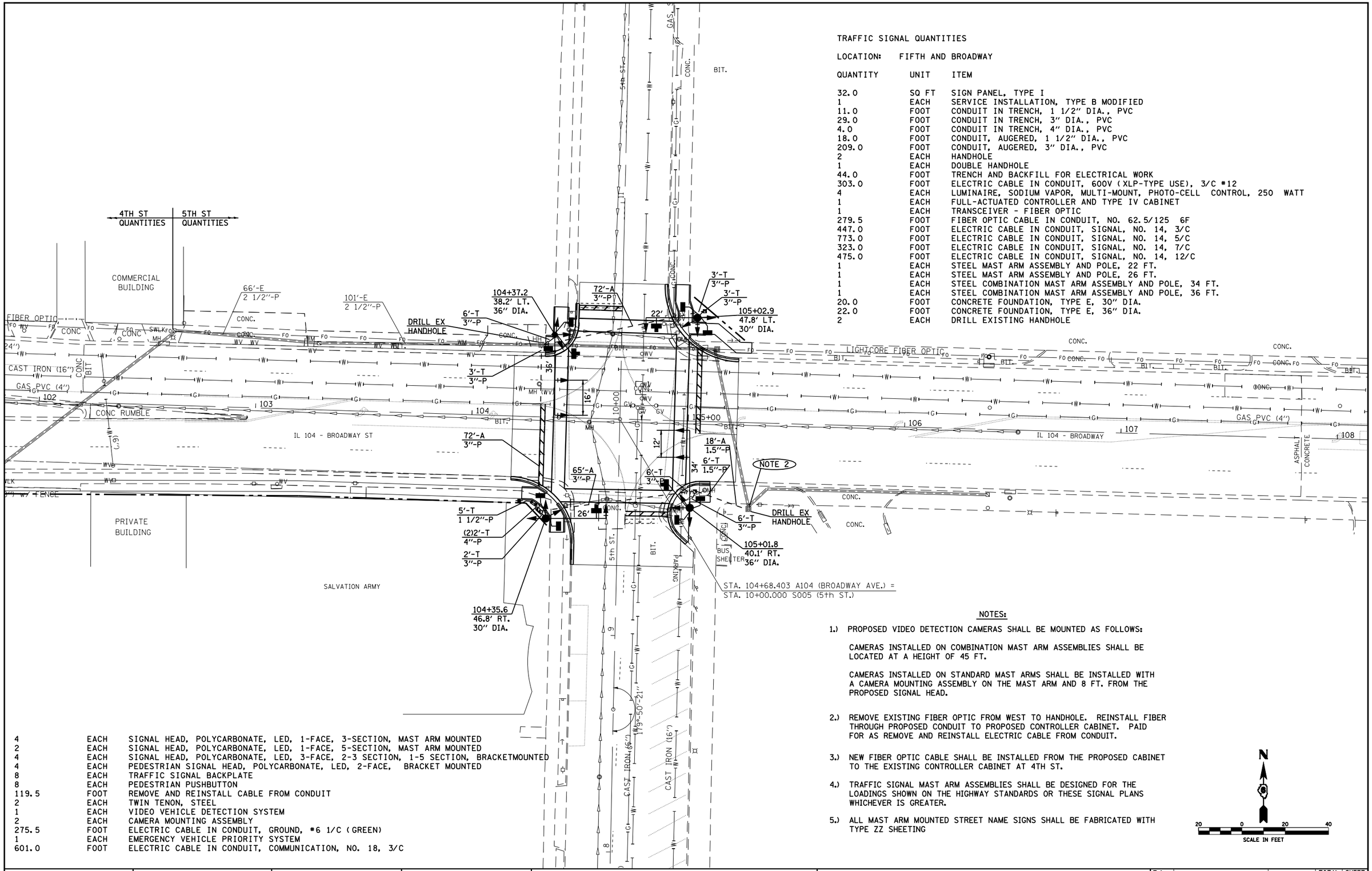

TRAFFIC SIGNAL QUANTITIES

LOCATION: FIFTH AND BROADWAY

QUANTITY	UNIT	ITEM
32.0	SQ FT	SIGN PANEL, TYPE I
1	EACH	SERVICE INSTALLATION, TYPE B MODIFIED
11.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
29.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
4.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
18.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
209.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
2	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
44.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
303.0	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3/C #12
4	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	TRANSCEIVER - FIBER OPTIC
279.5	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 6F
447.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
773.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
323.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
475.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.
20.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
22.0	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
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKETMOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
8	EACH	TRAFFIC SIGNAL BACKPLATE
8	EACH	PEDESTRIAN PUSHBUTTON
119.5	FOOT	REMOVE AND REINSTALL CABLE FROM CONDUIT
2	EACH	TWIN TENON, STEEL
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
2	EACH	CAMERA MOUNTING ASSEMBLY
275.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
1	EACH	EMERGENCY VEHICLE PRIORITY SYSTEM
601.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C

NOTES:

1.) PROPOSED VIDEO DETECTION CAMERAS SHALL BE MOUNTED AS FOLLOWS:

CAMERAS INSTALLED ON COMBINATION MAST ARM ASSEMBLIES SHALL BE LOCATED AT A HEIGHT OF 45 FT.

CAMERAS INSTALLED ON STANDARD MAST ARMS SHALL BE INSTALLED WITH A CAMERA MOUNTING ASSEMBLY ON THE MAST ARM AND 8 FT. FROM THE PROPOSED SIGNAL HEAD.

2.) REMOVE EXISTING FIBER OPTIC FROM WEST TO HANDHOLE. REINSTALL FIBER THROUGH PROPOSED CONDUIT TO PROPOSED CONTROLLER CABINET. PAID FOR AS REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT.

3.) NEW FIBER OPTIC CABLE SHALL BE INSTALLED FROM THE PROPOSED CABINET TO THE EXISTING CONTROLLER CABINET AT 4TH ST.

4.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.

5.) ALL MAST ARM MOUNTED STREET NAME SIGNS SHALL BE FABRICATED WITH TYPE ZZ SHEETING

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		DRAWN -	REVISED -
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	PLOT DATE = Jan-05-2009 09:52:00AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIAC SIGNAL DETAILS
(5TH & BROADWAY)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	•	ADAMS	37	30
		CONTRACT NO. 72A96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• D-6 INTERSECTION IMPROVEMENT