

CONSTRUCTION NOTES:

REMOVE AND REPLACE EXISTING CONTROLLER AND CABINET ON EXISTING FOUNDATION.

INSTALL UNINTERRUPTABLE POWER SUPPLY.

REMOVE TWO(2) EXISTING TRAFFIC SIGNAL POSTS ON THE NORTHWEST CORNER AND REPLACE WITH A TRAFFIC SIGNAL POST ON NEW FOUNDATION AS SHOWN.

REMOVE EXISTING TRAFFIC SIGNAL POST AND COMBINATION MAST ARM AND POLE ON THE NORTHEAST CORNER AND REPLACE WITH A DUAL COMBINATION MAST ARM AND POLE ON A NEW FOUNDATION AS SHOWN.

REMOVE TWO(2) EXISTING TRAFFIC SIGNAL POSTS ON THE SOUTHEAST CORNER AND REPLACE WITH A COMBINATION MAST ARM AND POLE ON A NEW FOUNDATION AS SHOWN.

REMOVE EXISTING TRAFFIC SIGNAL POST AND COMBINATION MAST ARM AND POLE ON THE SOUTHWEST CORNER AND REPLACE WITH A COMBINATION MAST ARM AND POLE ON A NEW FOUNDATION AS SHOWN.

REMOVE AND REPLACE CABLE IN EXISTING CONDUIT WHERE SHOWN.

INSTALL NEW CONDUIT AND CABLE WHERE NOTED.

EXISTING HANDHOLES SHALL BE UTILIZED AS SHOWN.

EXISTING FOUNDATIONS SHALL BE REMOVED AS SHOWN.

INSTALL NEW EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENT ON PROPOSED TRAFFIC SIGNAL STRUCTURES AS SHOWN.

REMOVE AND REPLACE EXISTING SERVICE INSTALLATION AT EXISTING LOCATION AS SHOWN.

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:

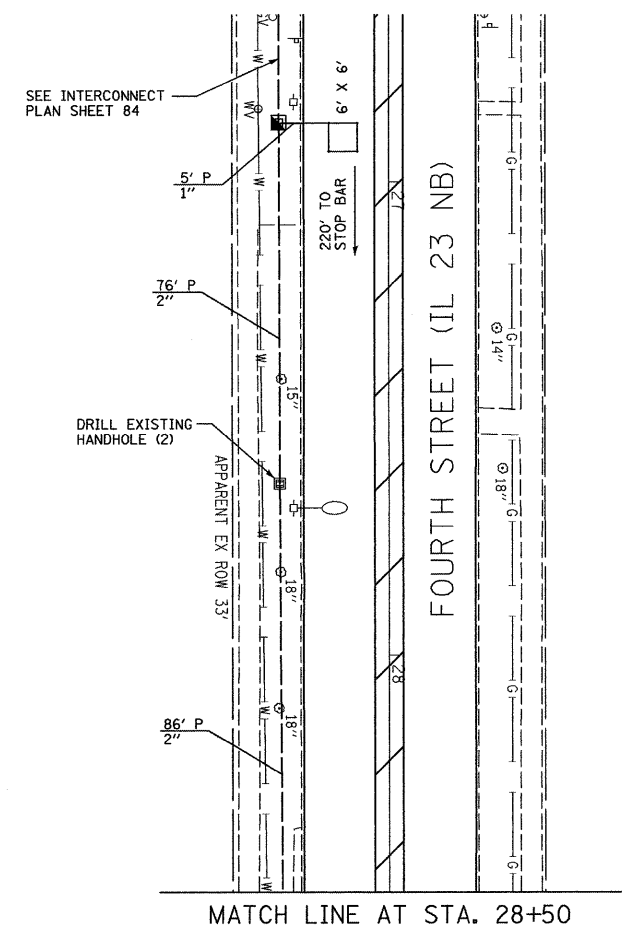
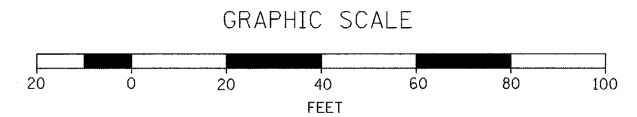
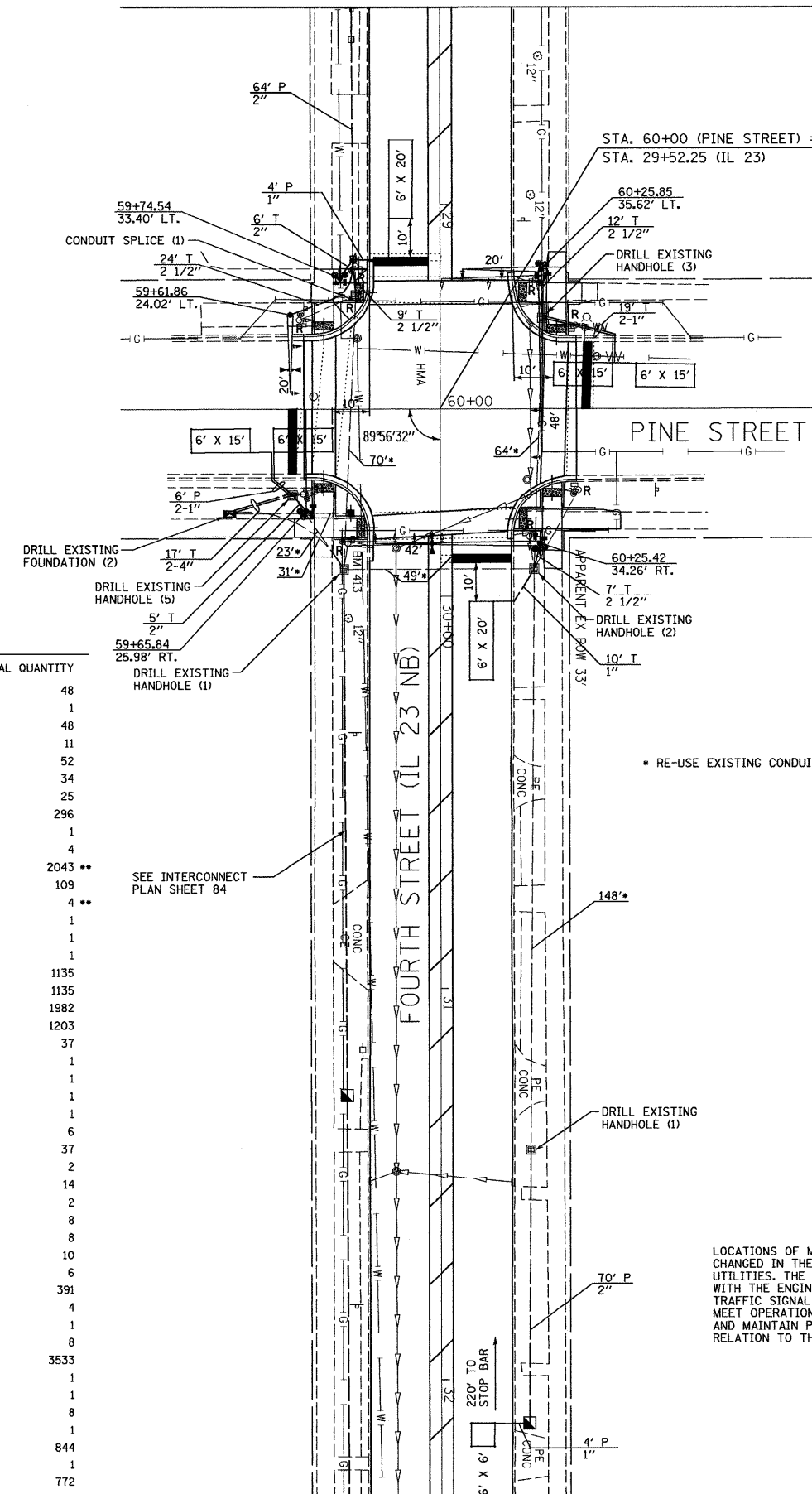
- 6 EACH - TRAFFIC SIGNAL POST
- 2 EACH - COMBINATION MAST ARM AND POLE
- 8 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
- 4 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
- 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
- 4 EACH - EMERGENCY VEHICLE PRIORITY SYSTEM
- 1 EACH - SERVICE INSTALLATION

** NOTE - LIGHTING AT SE & NW CORNERS IS 90% FED/10% STATE FUNDS
ALL OTHER LIGHTING IS 100% CITY COST

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
72000200	SIGN PANEL - TYPE 2	SQ FT	48
80500200	SERVICE INSTALLATION, TYPE B	EACH	1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	48
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	11
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	52
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	34
81021300	CONDUIT PUSHED, 1" DIA., PVC	FOOT	25
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	296
813030100	CONDUIT SPLICE	EACH	1
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2043 **
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	109
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4 **
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1135
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1135
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1982
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1203
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	37
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37
87900100	DRILL EXISTING FOUNDATION	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	14
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
88500100	INDUCTIVE LOOP DETECTOR	EACH	6
88600100	DETECTOR LOOP, TYPE I	FOOT	391
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3533
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	844
*3002187	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL ARMS, 20 FT. AND 48 FT.	EACH	1
*3002214	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C	FOOT	772

MATCH LINE AT STA. 28+50



LOCATIONS OF MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		CONDUIT
		SIGNAL HEAD WITH BACKPLATE
		STEEL MAST ARM
		COMBINATION STEEL MAST ARM
		TRAFFIC SIGNAL POST
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON
		RELOCATED LIGHT DETECTOR W/CONFIRMATION BEACON