

CONSTRUCTION NOTES:

- REMOVE AND REPLACE CONTROLLER AND CABINET ON NEW FOUNDATION.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- REMOVE EXISTING MAST ARM AND POLE ON SOUTHWEST CORNER AND REPLACE WITH DUAL MAST ARM AND POLE ON NEW FOUNDATION AS SHOWN.
- REMOVE EXISTING TRAFFIC SIGNAL POST ON NORTHEAST CORNER AND REPLACE WITH MAST ARM AND POLE ON NEW FOUNDATION AS SHOWN.
- REMOVE AND REPLACE TRAFFIC SIGNAL POSTS ON SOUTHEAST AND NORTHWEST CORNERS ON NEW FOUNDATIONS AS SHOWN.
- ADJUST THE HANDHOLE ON THE NORTHWEST AND SOUTHEAST CORNERS WITH NEW FRAMES AND LIDS.
- NEW AND EXISTING HANDHOLES SHALL BE UTILIZED AS SHOWN.
- ALL EXISTING SIGNAL CABLE IN CONDUIT SHALL BE REMOVED.
- EXISTING FOUNDATIONS SHALL BE REMOVED AS SHOWN.

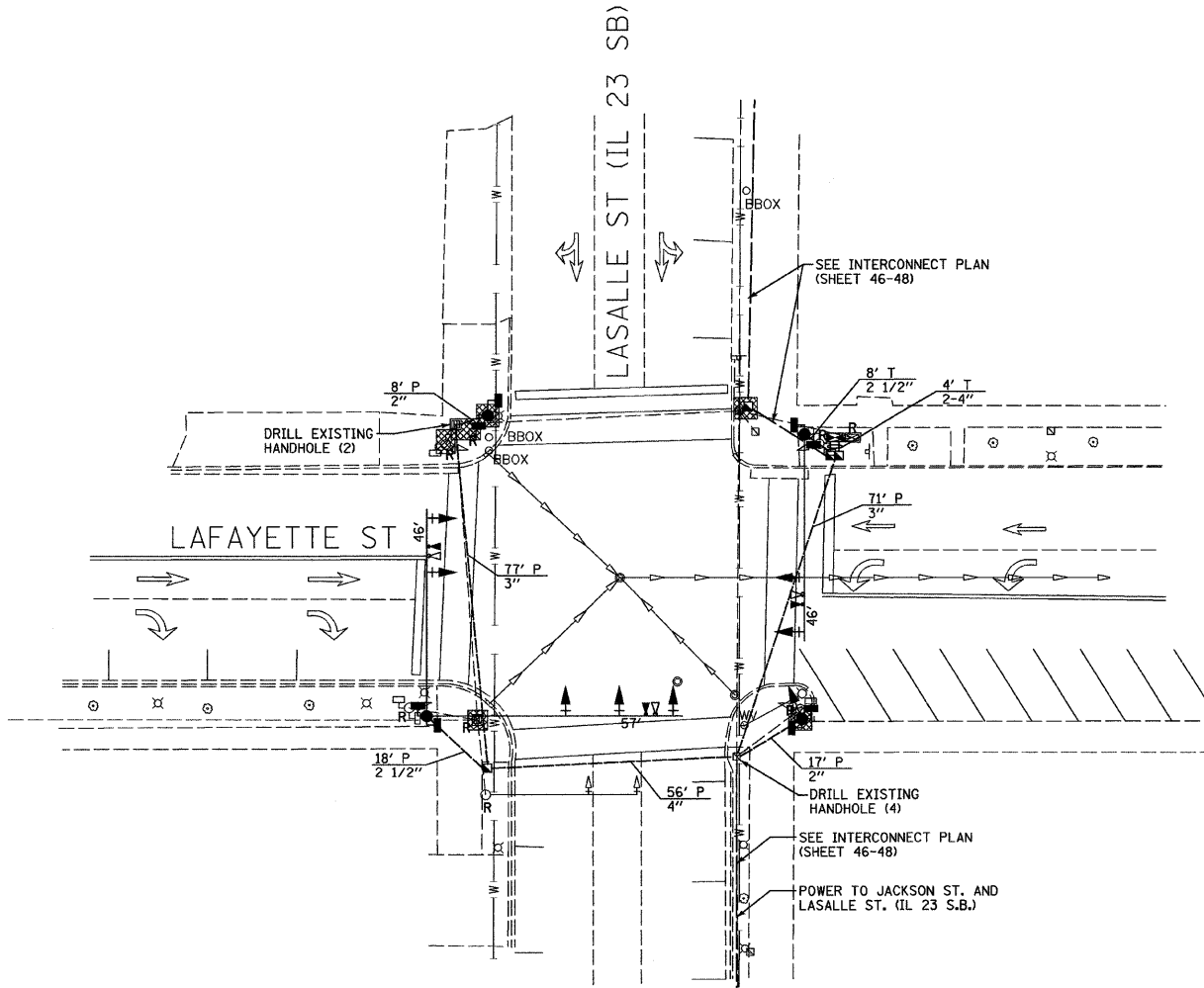
CONTRACTOR SHALL COORDINATE THE TEMPORARY OR PERMANENT RELOCATION OF ANY CONFLICTING SPRINKLER SYSTEM PIPING OR COMPONENTS IN THE SOUTHWEST CORNER WITH THE OWNER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.

THE USE OF BRACKET EXTENSIONS MAY BE REQUIRED TO ALIGN PEDESTRIAN SIGNAL HEADS WITH CROSSWALKS IN ORDER TO ENSURE PEDESTRIAN VISIBILITY. THE COST OF ANY ADDITIONAL BRACKET EXTENSIONS OR COMPONENTS SHALL BE CONSIDERED INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEM.

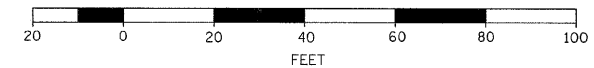
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
- 1 EACH - CONTROLLER AND CABINET W/ ALL CONTENTS
 - 4 EACH - TRAFFIC SIGNAL POST
 - 1 EACH - MAST ARM AND POLE
 - 4 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
 - 2 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
 - 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED

SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	118.9
44000600	SIDEWALK REMOVAL	SQ FT	122.5
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	4
72000100	SIGN PANEL - TYPE 1	SQ FT	45
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	8
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	8
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	25
81021340	CONDUIT PUSHED, 2 1/2" DIA., PVC	FOOT	18
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	148
81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	56
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	12
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
86000100	MASTER CONTROLLER	EACH	1
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
86400100	TRANSCEIVER-FIBER OPTIC	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1272
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1563.5
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	421.5
87502270	TRAFFIC SIGNAL POST, PAINTED STEEL 12 FT.	EACH	1
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT.	EACH	1
87700270	STEEL MAST ARM AND ASSEMBLY AND POLE, 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800415	CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	27
87900200	DRILL EXISTING HANDHOLE	EACH	6
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2205.5
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	306.5
X8730250	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C, TWISTED, SHIELDED	FOOT	596
XX002852	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
XX006533	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED, COUNTDOWN TIMER	EACH	8
XX006668	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	2
*3002044	STEEL MAST ARM AND ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 57 FT.	EACH	1



GRAPHIC SCALE



TRAFFIC SIGNALS LEGEND

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

LEGEND

	SIDEWALK REMOVAL AND REPLACEMENT
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL PLAN
 FAP 68 ALT (IL 23 SB)/LA SALLE ST
 AND LAFAYETTE STREET
 SECTION 35,51 & 48 CS, 12)TS
 LA SALLE COUNTY

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'
 DATE 11/08

DRAWN BY ARR
 CHECKED BY JLS