

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 2006-00275-00-PV		LaSALLE	218	114
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. 3 ILLINOIS		FED. AID PROJECT		

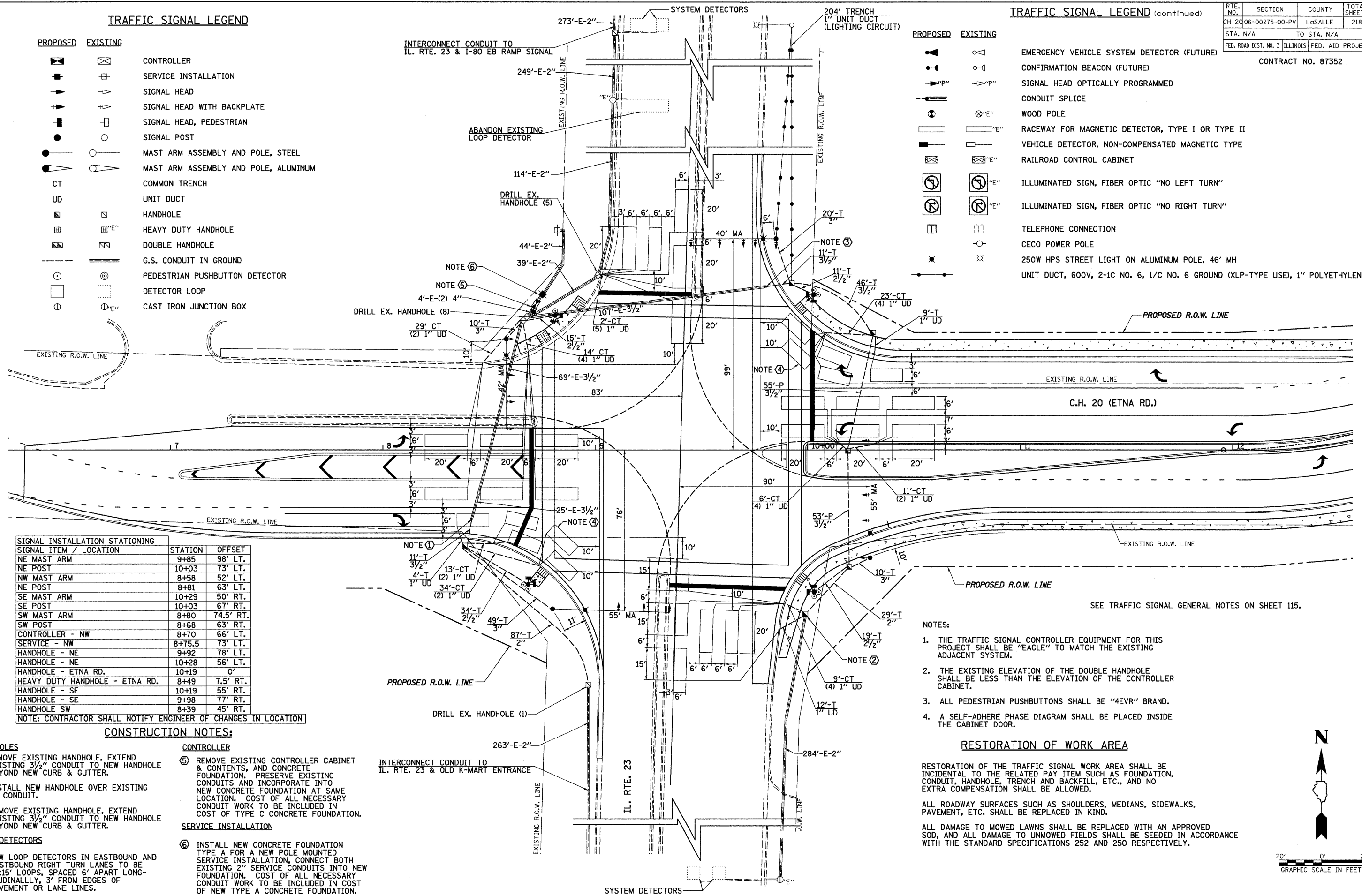
CONTRACT NO. 87352

**TRAFFIC SIGNAL LEGEND**

- | PROPOSED | EXISTING |                                      |
|----------|----------|--------------------------------------|
|          |          | CONTROLLER                           |
|          |          | SERVICE INSTALLATION                 |
|          |          | SIGNAL HEAD                          |
|          |          | SIGNAL HEAD WITH BACKPLATE           |
|          |          | SIGNAL HEAD, PEDESTRIAN              |
|          |          | SIGNAL POST                          |
|          |          | MAST ARM ASSEMBLY AND POLE, STEEL    |
|          |          | MAST ARM ASSEMBLY AND POLE, ALUMINUM |
| CT       |          | COMMON TRENCH                        |
| UD       |          | UNIT DUCT                            |
|          |          | HANDHOLE                             |
|          |          | HEAVY DUTY HANDHOLE                  |
|          |          | DOUBLE HANDHOLE                      |
|          |          | G.S. CONDUIT IN GROUND               |
|          |          | PEDESTRIAN PUSHBUTTON DETECTOR       |
|          |          | DETECTOR LOOP                        |
|          |          | CAST IRON JUNCTION BOX               |

**TRAFFIC SIGNAL LEGEND (continued)**

- | PROPOSED | EXISTING |   |
|----------|----------|---|
|          |          | EMERGENCY VEHICLE SYSTEM DETECTOR (FUTURE)                                    |
|          |          | CONFIRMATION BEACON (FUTURE)  |
|          |          | SIGNAL HEAD OPTICALLY PROGRAMMED  |
|          |          | CONDUIT SPLICE  |
|          |          | WOOD POLE   |
|          |          | RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II                              |
|          |          | VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE                               |
|          |          | RAILROAD CONTROL CABINET  |
|          |          | ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"                                  |
|          |          | ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"                                 |
|          |          | TELEPHONE CONNECTION  |
|          |          | CECO POWER POLE   |
|          |          | 250W HPS STREET LIGHT ON ALUMINUM POLE, 46' MH                                |
|          |          | UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND (XLP-TYPE USE), 1" POLYETHYLENE |



SIGNAL INSTALLATION STATIONING	STATION	OFFSET
NE MAST ARM	9+85	98' LT.
NE POST	10+03	73' LT.
NW MAST ARM	8+58	52' LT.
NE POST	8+81	63' LT.
SE MAST ARM	10+29	50' RT.
SE POST	10+03	67' RT.
SW MAST ARM	8+80	74.5' RT.
SW POST	8+68	63' RT.
CONTROLLER - NW	8+70	66' LT.
SERVICE - NW	8+75.5	73' LT.
HANDHOLE - NW	9+92	78' LT.
HANDHOLE - NE	10+28	56' LT.
HANDHOLE - ETNA RD.	10+19	0'
HEAVY DUTY HANDHOLE - ETNA RD.	8+49	7.5' RT.
HANDHOLE - SE	10+19	55' RT.
HANDHOLE - SE	9+98	77' RT.
HANDHOLE SW	8+39	45' RT.

NOTE: CONTRACTOR SHALL NOTIFY ENGINEER OF CHANGES IN LOCATION

**CONSTRUCTION NOTES:**

- |   |  |
|---|--|
| <p><b>HANDHOLES</b></p> <p>① REMOVE EXISTING HANDHOLE, EXTEND EXISTING 3/2" CONDUIT TO NEW HANDHOLE BEYOND NEW CURB &amp; GUTTER.</p> <p>② INSTALL NEW HANDHOLE OVER EXISTING 2" CONDUIT.</p> <p>③ REMOVE EXISTING HANDHOLE, EXTEND EXISTING 3/2" CONDUIT TO NEW HANDHOLE BEYOND NEW CURB &amp; GUTTER.</p> <p><b>LOOP DETECTORS</b></p> <p>④ NEW LOOP DETECTORS IN EASTBOUND AND WESTBOUND RIGHT TURN LANES TO BE 6'x15' LOOPS, SPACED 6' APART LONGITUDINALLY, 3' FROM EDGES OF PAVEMENT OR LANE LINES.</p> | <p><b>CONTROLLER</b></p> <p>⑤ REMOVE EXISTING CONTROLLER CABINET &amp; CONTENTS, AND CONCRETE FOUNDATION. PRESERVE EXISTING CONDUITS AND INCORPORATE INTO NEW CONCRETE FOUNDATION AT SAME LOCATION. COST OF ALL NECESSARY CONDUIT WORK TO BE INCLUDED IN COST OF TYPE C CONCRETE FOUNDATION.</p> <p><b>SERVICE INSTALLATION</b></p> <p>⑥ INSTALL NEW CONCRETE FOUNDATION TYPE A FOR A NEW POLE MOUNTED SERVICE INSTALLATION, CONNECT BOTH EXISTING 2" SERVICE CONDUITS INTO NEW FOUNDATION. COST OF ALL NECESSARY CONDUIT WORK TO BE INCLUDED IN COST OF NEW TYPE A CONCRETE FOUNDATION.</p> |
|---|--|

**NOTES:**

1. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. THE EXISTING ELEVATION OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE CONTROLLER CABINET.
3. ALL PEDESTRIAN PUSHBUTTONS SHALL BE "4EVR" BRAND.
4. A SELF-ADHERE PHASE DIAGRAM SHALL BE PLACED INSIDE THE CABINET DOOR.

**RESTORATION OF WORK AREA**

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED.

ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND.

ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

