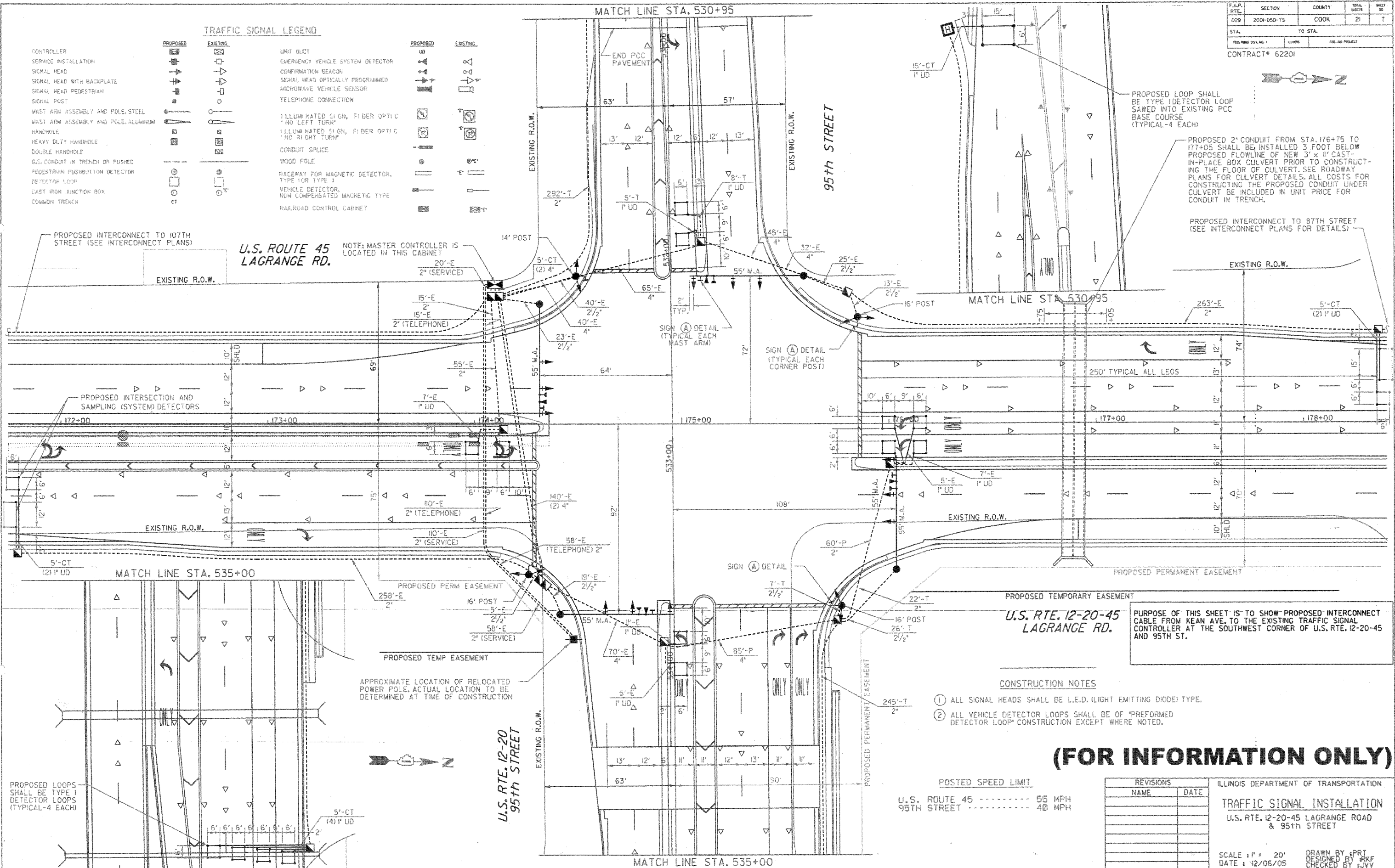


|                    |             |                |              |           |
|--------------------|-------------|----------------|--------------|-----------|
| F.S.P. DATE        | SECTION     | COUNTY         | TOTAL SHEETS | SHEET NO. |
| 029                | 2004-090-TS | COOK           | 21           | 7         |
| STA.               | TO STA.     |                |              |           |
| TREAS. DIST. NO. 1 | LANDS       | F.S.P. PROJECT |              |           |

CONTRACT# 62201

**TRAFFIC SIGNAL LEGEND**

- |                                  |                                   |  |  |
|----------------------------------|-----------------------------------|--|--|
| <b>PROPOSED</b>                  | <b>EXISTING</b>                   | <b>PROPOSED</b>                                    | <b>EXISTING</b>                                    |
| CONTROLLER                       | UNIT DUCT                         | EMERGENCY VEHICLE SYSTEM DETECTOR                  | CONFIRMATION BEACON                                |
| SERVICE INSTALLATION             | SIGNAL HEAD                       | SIGNAL HEAD OPTICALLY PROGRAMMED                   | MICROWAVE VEHICLE SENSOR                           |
| SIGNAL HEAD WITH BACKPLATE       | SIGNAL HEAD PEDESTRIAN            | SIGNAL POST  | TELEPHONE CONNECTION                               |
| SIGNAL HEAD WITH BACKPLATE       | MAST ARM ASSEMBLY AND POLE, STEEL | MAST ARM ASSEMBLY AND POLE, ALUMINUM               | ILLUMINATED SIGN, FIBER OPTIC<br>"NO LEFT TURN"    |
| HANDHOLE                         | HEAVY DUTY HANDHOLE               | DOUBLE HANDHOLE                                    | ILLUMINATED SIGN, FIBER OPTIC<br>"NO RIGHT TURN"   |
| G.S. CONDUIT IN TRENCH OR PUSHED | PEDESTRIAN PUSHBUTTON DETECTOR    | DETECTOR LOOP                                      | CONDUIT SPLICE                                     |
| CAST IRON JUNCTION BOX           | COMMON TRENCH                     | WOOD POLE  | RAILROAD CONTROL CABINET                           |
|                                  |                                   | CONDUIT FOR MAGNETIC DETECTOR,<br>TYPE 1 OR TYPE 2 | VEHICLE DETECTOR,<br>NON COMPENSATED MAGNETIC TYPE |



PROPOSED LOOP SHALL BE TYPE I DETECTOR LOOP SAWED INTO EXISTING PCC BASE COURSE (TYPICAL-4 EACH)

PROPOSED 2" CONDUIT FROM STA. 176+75 TO 177+05 SHALL BE INSTALLED 3 FOOT BELOW PROPOSED FLOWLINE OF NEW 3' x 11" CAST-IN-PLACE BOX CULVERT PRIOR TO CONSTRUCTING THE FLOOR OF CULVERT. SEE ROADWAY PLANS FOR CULVERT DETAILS. ALL COSTS FOR CONSTRUCTING THE PROPOSED CONDUIT UNDER CULVERT BE INCLUDED IN UNIT PRICE FOR CONDUIT IN TRENCH.

PROPOSED INTERCONNECT TO 87TH STREET (SEE INTERCONNECT PLANS FOR DETAILS)

**U.S. ROUTE 45 LAGRANGE RD.**

NOTE: MASTER CONTROLLER IS LOCATED IN THIS CABINET

**U.S. RTE. 12-20-45 LAGRANGE RD.**

PURPOSE OF THIS SHEET IS TO SHOW PROPOSED INTERCONNECT CABLE FROM KEAN AVE. TO THE EXISTING TRAFFIC SIGNAL CONTROLLER AT THE SOUTHWEST CORNER OF U.S. RTE. 12-20-45 AND 95TH ST.

**CONSTRUCTION NOTES**

- ALL SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE) TYPE.
- ALL VEHICLE DETECTOR LOOPS SHALL BE OF "PREFORMED DETECTOR LOOP" CONSTRUCTION EXCEPT WHERE NOTED.

**(FOR INFORMATION ONLY)**

POSTED SPEED LIMIT  
 U.S. ROUTE 45 ..... 55 MPH  
 95TH STREET ..... 40 MPH

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL INSTALLATION**  
 U.S. RTE. 12-20-45 LAGRANGE ROAD  
 & 95th STREET

SCALE: 1" = 20'  
 DATE: 12/06/05  
 DRAWN BY: PRT  
 DESIGNED BY: RKF  
 CHECKED BY: JVV