



**CONTRACT 60I31**  
**INTERCONNECT SCHEDULE OF QUANTITIES**

| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.            | FOOT | 2223     |
| HANDHOLE  | EACH | 4        |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C              | FOOT | 4412     |
| DRILL EXISTING HANDHOLE                                   | EACH | 1        |
| REMOVE EXISTING HANDHOLE                                  | EACH | 5        |
| TEMPORARY OPTIMIZE TRAFFIC SIGNAL SYSTEM                  | EACH | 1        |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F   | FOOT | 4412     |
| FIBER OPTIC CABLE ON MESSENGER, NO. 62.5/125, MM12F SM24F | FOOT | 1289     |

CONNECTION TO **G4S** TECHNOLOGY) EXISTING ILLINOIS TOLLWAY FIBER OPTIC NETWORK (SEE ROADWAY LIGHTING PLANS, CONTRACT 60I31)

- NOTES:
- ALL FIBER OPTIC AND TRACER CABLE BETWEEN NORTH AURORA RD. AND DIEHL RD. SHALL BE INSTALLED UNDER CONTRACT 60R31. ALL FIBER OPTIC AND TRACER CABLE BETWEEN DIEHL RD. AND FERRY RD. SHALL BE INSTALLED UNDER CONTRACT 60I31.
  - ALL CONDUIT AND HANDHOLES SOUTH OF IL RTE 59 STA. 3982+61, INCLUDING HANDHOLE AT STA. 3982+61, SHALL BE INSTALLED UNDER CONTRACT 60R30.
  - ALL CONDUIT AND HANDHOLES NORTH OF STA. 4044+90, INCLUDING HANDHOLE AT STA. 4044+90, SHALL BE INSTALLED UNDER CONTRACT 60I31.
  - ALL CONDUIT AND HANDHOLES BETWEEN STA. 3982+61 AND 4044+90 SHALL BE INSTALLED UNDER CONTRACT 60R31.
  - RESIDENT ENGINEER TO VERIFY THAT ALL FIBER OPTIC CABLE TERMINATIONS HAVE BEEN MADE PRIOR TO TRANSFER OF MAINTENANCE TO IDOT.
  - ECONOLITE SYSTEM #106 AND ECONOLITE SYSTEM #25 SHALL NOT BE MERGED AND WILL FUNCTION AS COMPLETELY INDEPENDENT SYSTEMS.

\* THIS LOCATION IS PART OF THE SPECIFIED CONTRACT WITHIN THE SHOWN INTERCONNECT SYSTEM

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

|   |                      |                   |           |
|---|----------------------|-------------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$ | DESIGNED - DW     | REVISED - |
| K:\Projects\090059\Design\Sheet Files\679rwa59INTschemNdd.dgn |                      | DRAWN - JDH       | REVISED - |
| PLOT SCALE = \$SCALE\$  |                      | CHECKED - KMM     | REVISED - |
| PLOT DATE = 10/11/2012  |                      | DATE - 10/15/2012 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC**  
**IL ROUTE 59-NORTH AURORA ROAD TO FERRY ROAD**  
 SCALE: NONE SHEET NO. 50 OF 53 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION           | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|--------------------|--------------|-----------|
| 338                       | (112 & 113) WRS-5 | DUPAGE             | 963          | 465       |
| <b>TS-49</b>              |                   | CONTRACT NO. 60I31 |              |           |
| ILLINOIS FED. AID PROJECT |                   |                    |              |           |