FILE HUBBLE RENFrajecto IN 1700/41/Ces

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9-14 DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

## TRAFFIC SIGNAL PLANS:

| PAGE*    | TS#            | INTERSECTION NAME  |
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| 15       | 6845           | IL ROUTE 59 AT IL ROUTE 173  |
| 16       | 6847           | IL ROUTE 173 AT WALMART ENTRANCE   |
| 17       | 6855           |  |
| 18       |                | IL ROUTE 173 AT SAVAGE ROAD/DEERCREST DRIVE  |
| 19<br>20 |                | IL ROUTE 173 AT DEEP LAKE ROAD US ROUTE 12-IL ROUTE 59 AT HARTIGAN ROAD                            |
| 21       | 558<br>559     | US ROUTE 12-1L ROUTE 59 AT HARTIGAN RUAD US ROUTE 12-1L ROUTE 59 AT IL ROUTE 134 (BIG HOLLOW ROAD) |
| 22       | 945            | US ROUTE 12 AT GRAND AVENUE  |
| 23       | 575<br>6850    | IL ROUTE 59 AT GRAND AVENUE/WASHINGTON STREET  |
| 2.4      | 12200          |  |
| 25       | 22130          |  |
|          |                |  |
| 27       | 12305<br>12315 |  |
| 28       | 13739          | II ROUTE RE AT LIRRARY LAND  |
| 29       | 13740          | IL ROUTE 83 AT CENTER STREET   |
| 30       | 13741          | IL ROUTE 83 AT FREDERICK ROAD  |
|          |                |  |
| 32       | 13746          | IL ROUTE 120 AT ALLEGHANY STREET   |
| 33       | 21990          | IL ROUTE 83 AT LAKE STREET   |
| 34       | 21993          | IL ROUTE 83 AT SHOREWOOD ROAD  |
| 35       |                | -IL ROUTE 120 AT IL ROUTE 134 DELETED  |
| 36<br>37 |                | -IL ROUTE 120 AT HAINSVILLE ROAD DELETED   |
| 38       | 6615<br>7080   |  |
|          | 22102          |  |
| 40       | 6617           | HS POUTE 45 AT SAMO LAKE DOAD/STEADMS SCHOOL DOAD  |
| 41       | 7075           | IL ROUTE 132 (GRAND AVENUE) AT GRANADA BLVD. /LINDENHURST DR.                                      |
|          | 7048           | IL ROUTE 173 AT HUNT CLUB ROAD   |
| 43       |                | US ROUTE 45 AT GRASS LAKE ROAD   |
| 44       | 21756          | US ROUTE 45 AT MILLBURN ROAD   |
| 45       | 6908           |  |
| 46       | 7090           | IL ROUTE 134 AT FAIRFIELD ROAD   |
| 47       | 21625          | IL ROUTE 134 AT HART ROAD IL ROUTE 120 AT WILSON ROAD  |
| 48       | 22255          | IL ROUTE 120 AT WILSON ROAD  |
| 49       | 12317          | IL ROUTE 83 AT BRIGHTON LANE/GRAYSLAKE HIGH SCHOOL   |
| 50       | 21 991         | IL ROUTE 83 AT MILLSTONE DRIVE/HOME DEPOT  |
| 51<br>52 | 6690           | TE ROUTE 85 AT HOOK ORIVE/OLD ROLLING ROAD DELETED US ROUT 45 AT ROLLING ROAD                      |
| 52<br>53 | 557            | IL ROUTE 134 AT WILSON ROAD  |
| 54       | 717            | IL ROUTE 59 AT MONAVILLE ROAD  |
| 55       | 6840           |  |
| 56       |                | IL ROUTE 59 AT BEACH GROVE ROAD  |
| 57       | 6912           | IL ROUTE 59 AT BEACH GROVE ROAD IL ROUTE 60 AT FAIRFIELD ROAD                                      |
| 58.      | 11940          | IL ROUTE 59 AT WILSON ROAD/RIDGE AVENUE  |
| 59       | 22250          | IL ROUTE 120 AT FAIRFIELD ROAD   |
| 60       | 14016          | IL ROUTE 21 AT NORTH FIRE STATION/ ADLER PARK  |
|          |                | -  |

## **GENERAL NOTES:**

- I. CONTRACTOR SHALL REPLACE BROKEN MOUNTING BRACKETS AT ALL
  RETROFIT SIGNAL HEAD INTERSECTIONS OR AS DIRECTED BY THE ENGINEER.
  THE COST OF THIS WORK SHALL BE INCLUDED IN THE CORRESPONDING
  SIGNAL HEAD, LED, RETROFIT PAY ITEM OF THE TYPE AND NUMBER OF
  SIGNAL HEADS, FACES, AND SECTIONS AS SPECIFIED IN THE PLANS.
- 2. CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY OF COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.
- 3. DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA FOR THE BELOW LISTED LOCATIONS, CONTRACTORSHALL NOTIFY THE VILLAGE AND RLR CAMERA COMPANY PRIOR TO THE START OF CONSTRUCTION. THE VILLAGE OR THE RLR CAMERA COMPANY SHALL MAKE THE CAMERA INOPERATIVE FOR THE TIME OF CONSTRUCTION, ANY RLR CAMERA EQUIPMENT THAT IS IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY ITS RESPECTIVE OWNERS PRIOR TO THE START OF CONSTRUCTION.

RLR CAMERA LOCATION:
559 - US ROUTE 12-IL ROUTE 59 AT IL ROUTE 134 (BIG HOLLOW RD.)

VILLAGE OF FOX LAKE 66 THILLEN DRIVE FOX LAKE, IL 60020 847-587-2237 REDFLEX TRAFFIC SYSTEMS, INC. 23751 N. 23RD AVE, STE 150 PHOENIX, AZ 85085-1854 623-207-2000

- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING BOLT PATTERN ON EXISTING FOUNDATIONS THAT ARE SPECIFIED TO BE RE-USED.
- 5. ANY ADDITIONAL CABLE LENGTHS NECESSARY FOR THE PROPOER INSTALLATION OF AN UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED DUE TO THE LARGER DISTANCE AWAY FROM THE CONTROLLER CABINET SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED PAY ITEM.
- 6.IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- 7. THE EXACT LOCATION OF ALL UTILITES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- 8. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND 100T.

|                         |   |          |     |                   |                              |                  |                 |         |              |                    |            | Kex         |
|-------------------------|---|----------|-----|-------------------|------------------------------|------------------|-----------------|---------|--------------|--------------------|------------|-------------|
|                         | USER MARIE = BUSERIE                      | DESIGNED | DW  | REVISED - 9/10/12 |                              |                  |                 |         | F.A.<br>RTÉ. | SECTION            | COUNTY     | TOTAL SHEET |
| Cessgo(AO\Sheet Files i | 12-804 Sheets MM Lake Los60185 LAKE Index | ORAWN -  | JOH | REVISED -         | STATE OF ILLINOIS            | ·                | INDEX OF SHEETS |         |              | 012-040TS          | LAKE       | 60 2        |
|                         | PLOT SCALE : FSCALE#                      | CHECKED  | KMM | REVISED           | DEPARTMENT OF TRANSPORTATION |                  |                 |         |              | CONTRACT NO. 60785 |            |             |
|                         | FEDT DATE > 12/19/2012                    | DATE     |     | REVISEO -         | ·                            | SCALE: SHEET NO. | OF SHEETS STA.  | TO STA, | l            |                    | ID PROJECT |             |