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| FILE NAME         | = |
| 4999-sht-soq8.dgn |   |
| 4999.1            |   |
| Default           |   |

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|------------|---|------------|
| USER NAME  | = | dolesak    |
| PLOT SCALE | = | 1:40       |
| PLOT DATE  | = | 10/24/2024 |

|          |   |           |
|----------|---|-----------|
| DESIGNED | - | KLB       |
| DRAWN    | - | DGO       |
| CHECKED  | - | KLB       |
| DATE     | - | 7/26/2024 |

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| REVISED | - | 10/24/2024 |
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|                                                   |
|---------------------------------------------------|
| STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION |
|---------------------------------------------------|

|                                      |                      |      |         |
|--------------------------------------|----------------------|------|---------|
| SUMMARY OF QUANTITIES                |                      |      |         |
| IRVING PARK ROAD – SCHILLER PARK, IL |                      |      |         |
| SCALE: N.T.S.                        | SHEET 8 OF 13 SHEETS | STA. | TO STA. |

|               |                |                           |                 |              |
|---------------|----------------|---------------------------|-----------------|--------------|
| F.A.U<br>RTE. | SECTION        | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
| 345B          | 15-00082-00-CH | COOK                      | 122             | 11           |
|               |                | CONTRACT NO. 61190        |                 |              |
|               |                | ILLINOIS FED. AID PROJECT |                 |              |

| SUMMARY OF QUANTITIES |   |          |                                                                |       |                   | CONSTRUCTION CODE                                |
|-----------------------|---|----------|----------------------------------------------------------------|-------|-------------------|--------------------------------------------------|
|                       |   |          |                                                                |       |                   | 80% FEDERAL / 20%<br>VILLAGE OF SCHILLER<br>PARK |
| #                     | * | CODE NO. | ITEM                                                           | UNIT  | TOTAL<br>QUANTITY | 0004                                             |
|                       | * | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                       | FOOT  | 305               | 305                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12"                      | FOOT  | 830               | 830                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24"                      | FOOT  | 120               | 120                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4"                   | FOOT  | 136               | 136                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER                              | EACH  | 116               | 116                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       |   | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL                      | EACH  | 102               | 102                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       |   | 78300201 | PAVEMENT MARKING REMOVAL - GRINDING                            | SQ FT | 46                | 46                                               |
|                       |   |          |                                                                |       |                   |                                                  |
|                       |   | 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING                      | SQ FT | 1,805             | 1,805                                            |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.                 | FOOT  | 1,769             | 1,769                                            |
|                       | * | 81028210 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.             | FOOT  | 850               | 850                                              |
|                       | * | 81028220 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.                 | FOOT  | 143               | 143                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81028240 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.                 | FOOT  | 362               | 362                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81028760 | UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. | FOOT  | 850               | 850                                              |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81400100 | HANDHOLE                                                       | EACH  | 4                 | 4                                                |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81400200 | HEAVY-DUTY HANDHOLE                                            | EACH  | 1                 | 1                                                |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81400300 | DOUBLE HANDHOLE                                                | EACH  | 2                 | 2                                                |
|                       |   |          |                                                                |       |                   |                                                  |
|                       | * | 81400730 | HANDHOLE, COMPOSITE CONCRETE                                   | EACH  | 17                | 17                                               |
|                       |   |          |                                                                |       |                   |                                                  |

\* SPECIALTY ITEM      # CONSTRUCTION CODE 0042

| SUMMARY OF QUANTITIES |   |          |                                                                                       |      |                   | CONSTRUCTION CODE                                |
|-----------------------|---|----------|---------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------------|
|                       |   |          |                                                                                       |      |                   | 80% FEDERAL / 20%<br>VILLAGE OF SCHILLER<br>PARK |
| #                     | * | CODE NO. | ITEM                                                                                  | UNIT | TOTAL<br>QUANTITY | 0004                                             |
|                       | * | 81603110 | UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE | FOOT | 3,465             | 3,465                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 82700100 | TRANSFORMER, GENERAL PURPOSE                                                          | EACH | 2                 | 2                                                |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 83600300 | LIGHT POLE FOUNDATION, 30" DIAMETER                                                   | FOOT | 72                | 72                                               |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 84200500 | REMOVAL OF LIGHTING UNIT, SALVAGE                                                     | EACH | 35                | 35                                               |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 84200804 | REMOVAL OF POLE FOUNDATION                                                            | EACH | 35                | 35                                               |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                                   | EACH | 2                 | 2                                                |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 86400100 | TRANSCEIVER - FIBER OPTIC                                                             | EACH | 1                 | 1                                                |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87300925 | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C                                          | FOOT | 1,233             | 1,233                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                                           | FOOT | 1,174             | 1,174                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                                           | FOOT | 1,507             | 1,507                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                                           | FOOT | 2,176             | 2,176                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                                           | FOOT | 695               | 695                                              |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                                     | FOOT | 1,777             | 1,777                                            |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C                                         | FOOT | 126               | 126                                              |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C                    | FOOT | 568               | 568                                              |
|                       |   |          |                                                                                       |      |                   |                                                  |
|                       | * | 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.                                          | EACH | 4                 | 4                                                |
|                       |   |          |                                                                                       |      |                   |                                                  |

\* SPECIALTY ITEM      # CONSTRUCTION CODE 0042

|                   |                        |                  |                      |
|-------------------|------------------------|------------------|----------------------|
| FILE NAME =       | USER NAME = dolesak    | DESIGNED - KLB   | REVISED - 10/24/2024 |
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| 4999.1            | PLOT SCALE = 1:40      | CHECKED - KLB    | REVISED +            |
| Default           | PLOT DATE = 10/24/2024 | DATE - 7/26/2024 | REVISED +            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IRVING PARK ROAD – SCHILLER PARK, IL

SCALE: N.T.S.      SHEET 9 OF 13 SHEETS      STA. TO STA.

|                    |                |          |                  |              |
|--------------------|----------------|----------|------------------|--------------|
| F.A.U<br>RTE.      | SECTION        | COUNTY   | TOTAL<br>SHEETS  | SHEET<br>NO. |
| 345B               | 15-00082-00-CH | COOK     | 122              | 12           |
| CONTRACT NO. 61J90 |                |          |                  |              |
|                    |                | ILLINOIS | FED. AID PROJECT |              |

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| FILE NAME          | = |
| 4999-sht-soq11.dgn |   |
| 4999.1             |   |
| Default            |   |

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|------------|--------------|
| USER NAME  | = dolesak    |
| PLOT SCALE | = 1:40       |
| PLOT DATE  | = 10/24/2024 |

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| DESIGNED | - KLB       |
| DRAWN    | - DGO       |
| CHECKED  | - KLB       |
| DATE     | - 7/26/2024 |

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| REVISED | - 10/24/2024 |
| REVISED | -            |
| REVISED | +            |
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
IRVING PARK ROAD – SCHILLER PARK, IL

SCALE: N.T.S. SHEET 11 OF 13 SHEETS STA. TO STA.

|                           |                |        |                 |              |
|---------------------------|----------------|--------|-----------------|--------------|
| F.A.U<br>RTE.             | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 345B                      | 15-00082-00-CH | COOK   | 122             | 14           |
| CONTRACT NO. 61J90        |                |        |                 |              |
| ILLINOIS FED. AID PROJECT |                |        |                 |              |



| SUMMARY OF QUANTITIES |   |          |                                                                 |       |                   | CONSTRUCTION CODE                                |
|-----------------------|---|----------|-----------------------------------------------------------------|-------|-------------------|--------------------------------------------------|
|                       |   |          |                                                                 |       |                   | 80% FEDERAL / 20%<br>VILLAGE OF SCHILLER<br>PARK |
| #                     | * | CODE NO. | ITEM                                                            | UNIT  | TOTAL<br>QUANTITY | 0004                                             |
|                       | * | 88700200 | LIGHT DETECTOR                                                  | EACH  | 2                 | 2                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | 88700300 | LIGHT DETECTOR AMPLIFIER                                        | EACH  | 1                 | 1                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | 89502350 | REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT                | FOOT  | 1,877             | 1,877                                            |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X0322102 | TEMPORARY SIDEWALK RAMP                                         | EACH  | 6                 | 6                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | X0324085 | EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT  | 277               | 277                                              |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | X0325938 | TEMPORARY WIRELESS INTERCONNECT, COMPLETE                       | LSUM  | 1                 | 1                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X0327036 | BIKE PATH REMOVAL                                               | SQ YD | 68                | 68                                               |
|                       | * | X1400014 | CIRCUIT BREAKER IN STREET LIGHT CONTROLLER                      | EACH  | 2                 | 2                                                |
|                       | * | X1400150 | SERVICE INSTALLATION, GROUND MOUNTED, METERED                   | EACH  | 1                 | 1                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X1700112 | BRICK PAVER REMOVAL                                             | SQ FT | 3,233             | 3,233                                            |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X4022000 | TEMPORARY ACCESS (COMMERCIAL ENTRANCE)                          | EACH  | 14                | 14                                               |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X4023000 | TEMPORARY ACCESS (ROAD)                                         | EACH  | 4                 | 4                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | X5610712 | WATER MAIN REMOVAL, 12"                                         | FOOT  | 82                | 82                                               |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | X5640150 | FIRE HYDRANT ASSEMBLY COMPLETE                                  | EACH  | 1                 | 1                                                |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X6030310 | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)                        | EACH  | 11                | 11                                               |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       | * | X6331009 | REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL (SPECIAL)         | FOOT  | 97                | 97                                               |
|                       |   |          |                                                                 |       |                   |                                                  |
|                       |   | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL)                       | LSUM  | 1                 | 1                                                |
|                       |   |          |                                                                 |       |                   |                                                  |

\* SPECIALTY ITEM # CONSTRUCTION CODE 0042

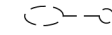
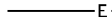
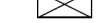
GENERAL LIGHTING NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT OR UNIT DUCT PAY ITEM.
3. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER. AT NO TIME SHALL THE ROADWAY BE LEFT UNLIT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL VILLAGE OF SCHILLER PARK HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE LOCATED AND MARKED IN THE AREA OF ANY UG TRENCHING OR BORING AND MAINTAINED AS NEEDED AND THIS WORK SHALL BE PAID FOR UNDER THE "MAINTENANCE OF LIGHTING SYSTEM" PAY ITEM.
5. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLES SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
6. BANNER ARMS SHALL NOT BE INSTALLED ON LIGHT POLES NEAR THE INTERSECTION OF OLD RIVER RD AND IRVING PARK RD.
7. LUMINAIRES SHALL BE PAID FOR UNDER PAY ITEM "LIGHTING UNIT COMPLETE, SPECIAL".
8. STAGE 1 - REMOVE ALL EXISTING LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ALONG THE WEST SIDE OF OLD RIVER ROAD, MAINTAIN EXISTING LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ON THE EAST SIDE OF OLD RIVER.
9. STAGE 2 - MAINTAIN ALL EXISTING LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ALONG THE NORTH SIDE OF IL 19 WEST OF OLD RIVER ROAD. INSTALL NEW LIGHTS (LIGHTING UNIT COMPLETE-SPECIAL AND FOUNDATION) ALONG THE NORTH SIDE OF IL 19 EAST OF OLD RIVER.
10. STAGE 3 - REMOVE EXISTING LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ON THE SOUTH SIDE OF IL 19. INSTALL ALL NEW LIGHTS (LIGHTING UNIT COMPLETE-SPECIAL AND FOUNDATION) ALONG THE SOUTH SIDE OF IL 19 PRIOR TO STARTING STAGE 4.
11. STAGE 4 - REMOVE ALL EXISTING LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ON THE NORTH SIDE OF IL 19. INSTALL ALL NEW LIGHTS (LIGHTING UNIT COMPLETE-SPECIAL AND FOUNDATION) ALONG THE NORTH SIDE OF IL 19 WEST OF OLD RIVER ROAD AND ALL NEW LIGHTS (LIGHTING UNIT COMPLETE-SPECIAL AND FOUNDATION) ON OLD RIVER ROAD. REMOVE ALL THE LIGHTS (LUMINAIRES, POLES, AND FOUNDATIONS) ON THE EAST SIDE OF OLD RIVER ROAD.
12. THE CONTRACTOR MAY HAVE TO PROVIDE TEMPORARY WIRING TO MAINTAIN EXISTING LIGHTS AS REQUIRED. THIS WILL BE PAID FOR UNDER THE "MAINTENANCE OF LIGHTING SYSTEM" PAY ITEM.
13. THE ELECTRICAL TRANSFORMERS SHALL BE INSTALLED IN THE EXISTING CONTROL CABINET AND INCLUDED UNDER THE "TRANSFORMER, GENERAL PURPOSE" PAY ITEM.
14. POLE SETBACKS, SHOWN IN THE PLANS AS "EOP" (EDGE OF PAVEMENT), ARE DEFINED AS THE SOLID OUTSIDE PAVEMENT MARKING LINE.
15. THE 20A GFI SPST BRANCH CIRCUIT BREAKERS SHALL BE INCLUDED UNDER THE "CIRCUIT BREAKER IN THE STREET LIGHTING CONTROLLER" PAY ITEM

HIGHWAY STANDARDS

- 812001-01 RACEWAYS EMBEDDED IN STRUCTURE
- 814001-03 HANDHOLES
- 836001-04 LIGHT POLE FOUNDATION

LEGEND

-  PROPOSED DECORATIVE POLE, 40' MOUNTING HEIGHT, WITH 12' MAST ARM, DUAL DECORATIVE LUMINAIRES, BANNER ARMS AND DUPLEX OUTLET. SEE DETAILS ON SHEET L-09. POLE SHALL BE INSTALLED ON STANDARD 30" DIAMETER FOUNDATION. LUMINAIRE OPERATING VOLTAGE SHALL BE 240V.
-  EXISTING POST TOP LIGHT POLE TO REMAIN.
-  EXISTING POST TOP LIGHT POLE TO BE REMOVED (LUMINAIRES, POLES, AND FOUNDATIONS)
-  EXISTING DAVIT ARM LIGHT POLE AND LUMINAIRE TO REMAIN.
-  EXISTING UNIT DUCT TO REMAIN IN PLACE.
-  PROPOSED UNIT DUCT, SIZE AS INDICATED ON PLANS.
-  PROPOSED UNDERGROUND CONDUIT CASING, 2 1/2" DIA. LENGTH AS NOTED.
-  EXISTING LIGHTING CONTROLLER. OWNED BY VILLAGE OF SCHILLER PARK 240/480V SINGLE PHASE.
-  PROPOSED PULL BOX.

CABLE/CONDUIT SCHEDULE

- A UNIT DUCT, 600 V, 4-1/C NO. 4, 1/C NO. 6 GROUND (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE
- B UNIT DUCT, 600 V, 4-1/C NO. 4, 1/C NO. 6 GROUND (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE IN UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-1/2" DIA.

| LIGHTING ITEMS                                                                         |      |        |
|----------------------------------------------------------------------------------------|------|--------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.                                     | 850  | LF     |
| HANDHOLE, COMPOSITE CONCRETE                                                           | 17   | EA     |
| UNIT DUCT, 600V, 4-1C NO.4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE | 3465 | LF     |
| TRANSFORMER, GENERAL PURPOSE                                                           | 2    | EA     |
| CIRCUIT BREAKER IN STREET LIGHT CONTROLLER                                             | 2    | EA     |
| LIGHT POLE FOUNDATION, 30" DIAMETER                                                    | 72   | LF     |
| REMOVAL OF LIGHTING UNIT, SALVAGE                                                      | 35   | EA     |
| REMOVAL OF POLE FOUNDATION                                                             | 35   | EA     |
| MAINTENANCE OF LIGHTING SYSTEM                                                         | 10   | CAL MO |
| LIGHTING UNIT COMPLETE, SPECIAL                                                        | 12   | EA     |

INDEX OF SHEETS

- L-01 GENERAL NOTES, LEGEND, SCHEDULES AND INDEX OF SHEETS
- L-02 LIGHTING REMOVAL PLAN SHEETS - STA. 103+00 TO 113+00
- L-03 LIGHTING REMOVAL PLAN SHEETS - STA. 113+00 TO 116+00
- L-04 LIGHTING REMOVAL PLAN SHEETS - STA. 9+50 TO 13+00
- L-05 LIGHTING PLAN SHEETS - STA. 103+00 TO 113+00
- L-06 LIGHTING PLAN SHEETS - STA. 113+00 TO 116+00
- L-07 LIGHTING PLAN SHEETS - STA. 9+50 TO 13+00
- L-08 WIRING DIAGRAM
- L-09 LIGHT POLE DETAIL
- L-10 MISC ELECTRICAL DETAILS

SHEETS COVERED BY THIS SEAL:  
LIGHTING PLANS  
(SHEETS L-01 THRU L-10)



SIGNED: 2024.10.24 12:45:42-05'00'

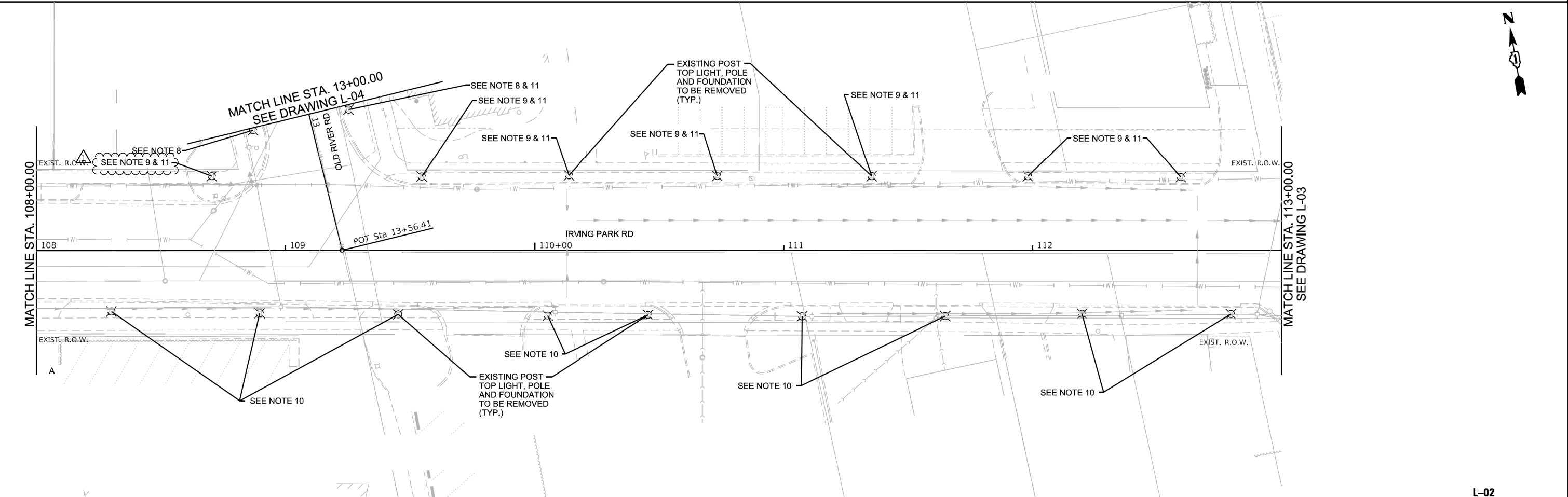
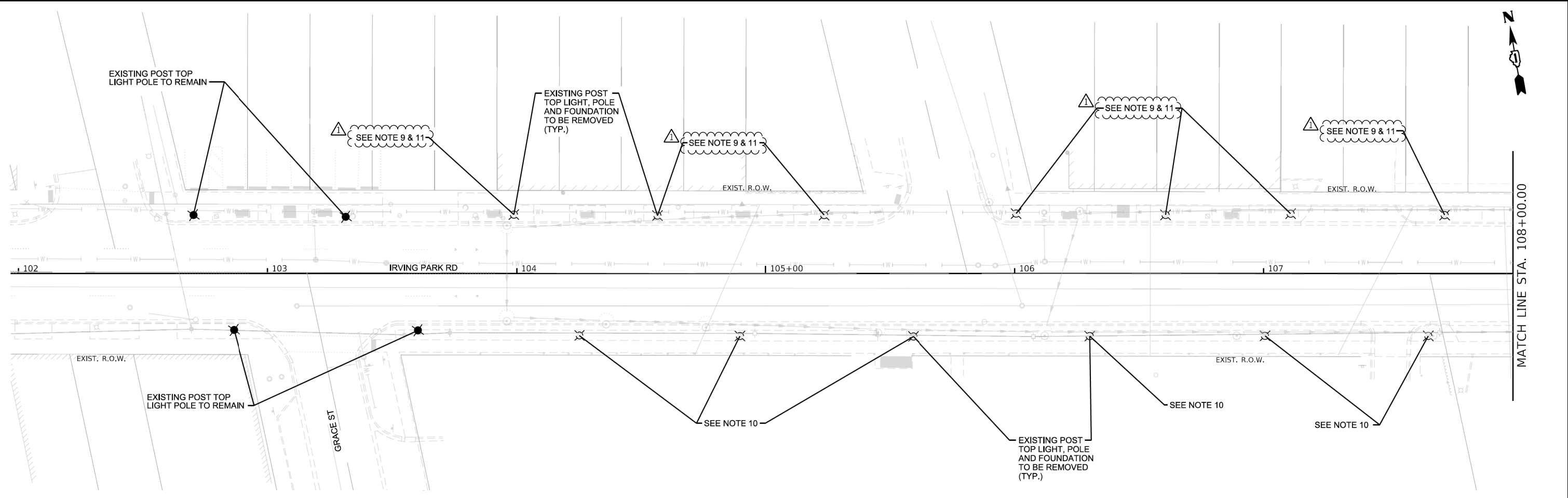
DATE: 10/24/24

EXP. 11/30/2025

L-01

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|                                                                                                              |                              |                   |                      |                                                                      |                                                                    |                      |  |  |            |                |        |              |           |
|--------------------------------------------------------------------------------------------------------------|------------------------------|-------------------|----------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|----------------------|--|--|------------|----------------|--------|--------------|-----------|
|  <div>Wi-Skies, LLC</div> | USER NAME = pam              | DESIGNED - JF     | REVISED - 10/24/2024 | <div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div> | <div>LIGHTING PLAN SHEETS</div> <div>SCHILLER PARK, ILLINOIS</div> |                      |  |  | F.A.U RTE. | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|                                                                                                              |                              | DRAWN - FLP       | REVISED -            |                                                                      |                                                                    |                      |  |  | 345B       | 15-00082-00-CH | COOK   | 122          | 86        |
|                                                                                                              | PLOT SCALE = 40,0000 ' / in. | CHECKED - JDM     | REVISED -            |                                                                      | CONTRACT NO. 61J90                                                 |                      |  |  |            |                |        |              |           |
|                                                                                                              | PLOT DATE = 10/24/2024       | DATE - 07/24/2024 | REVISED -            |                                                                      | ILLINOIS   FED. AID PROJECT                                        |                      |  |  |            |                |        |              |           |
|                                                                                                              |                              |                   |                      |                                                                      | SCALE: None                                                        | SHEET 1 OF 10 SHEETS |  |  |            |                |        |              |           |



MODEL Default  
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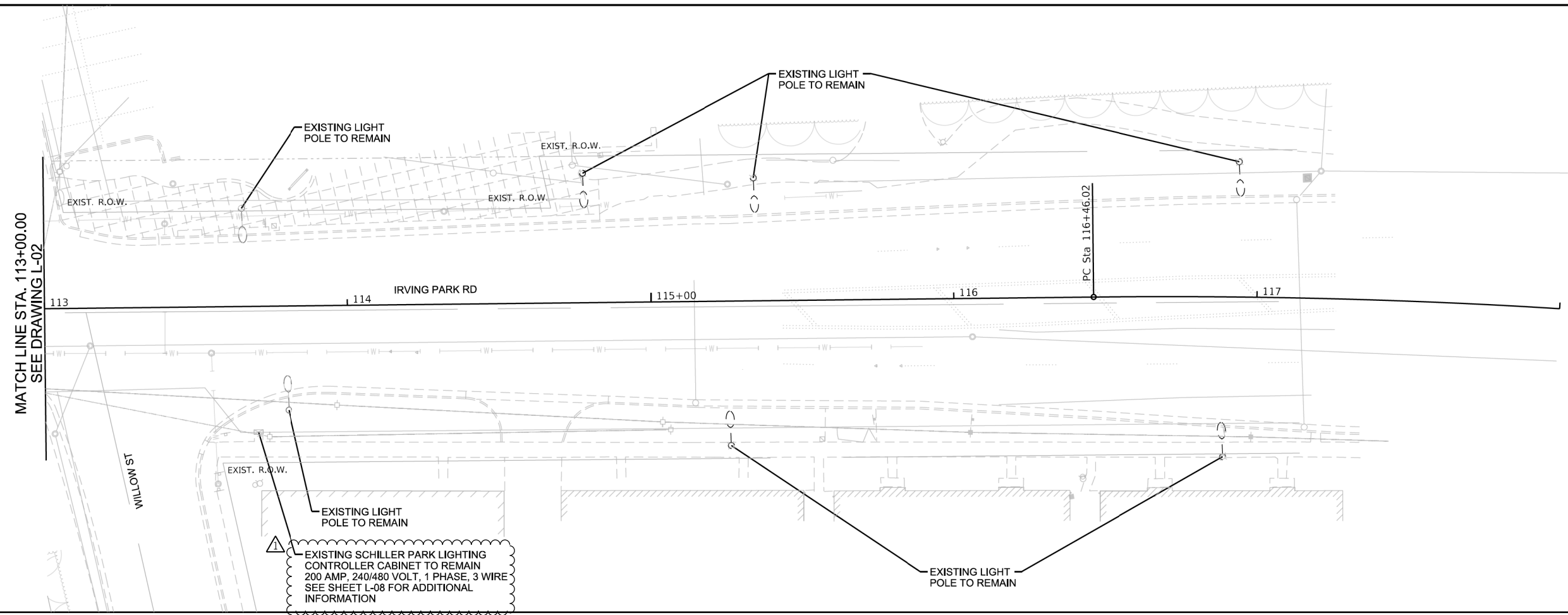
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|--|-----------------------------|-------------------|----------------------|
|  | USER NAME = pam             | DESIGNED - JF     | REVISED - 10/24/2024 |
|  |                             | DRAWN - FLP       | REVISED -            |
|  | PLOT SCALE = 40,0000' / in. | CHECKED - JDM     | REVISED -            |
|  | PLOT DATE = 10/23/2024      | DATE - 07/24/2024 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| LIGHTING REMOVAL PLAN SHEETS |                      |             |                |
|------------------------------|----------------------|-------------|----------------|
| SCHILLER PARK, ILLINOIS      |                      |             |                |
| SCALE: 1" = 40'              | SHEET 2 OF 10 SHEETS | STA. 103+00 | TO STA. 113+00 |

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 345B                      | 15-00082-00-CH | COOK   | 122          | 87        |
| CONTRACT NO. 61J90        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

L-02



MODEL Default  
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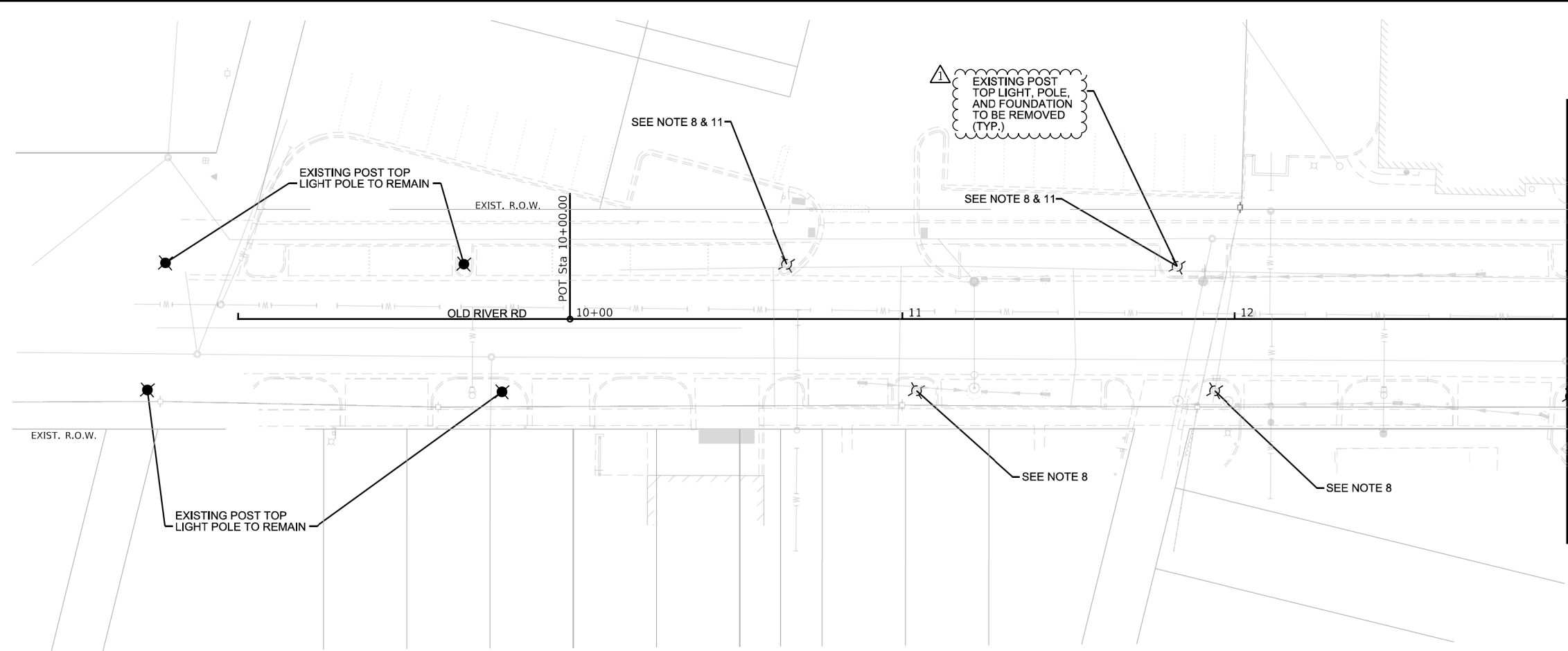
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|-----------------------------|-------------------|----------------------|
| USER NAME = pam             | DESIGNED - JF     | REVISED - 10/24/2024 |
|                             | DRAWN - FLP       | REVISED -            |
| PLOT SCALE = 40.0000' / in. | CHECKED - JDM     | REVISED -            |
| PLOT DATE = 10/23/2024      | DATE - 07/24/2024 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| LIGHTING REMOVAL PLAN SHEETS |                      |             |                |
|------------------------------|----------------------|-------------|----------------|
| SCHILLER PARK, ILLINOIS      |                      |             |                |
| SCALE: 1" = 40'              | SHEET 3 OF 10 SHEETS | STA. 113+00 | TO STA. 116+00 |

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 345B                      | 15-00082-00-CH | COOK   | 122          | 88        |
| CONTRACT NO. 61J90        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

L-03



MODEL Default  
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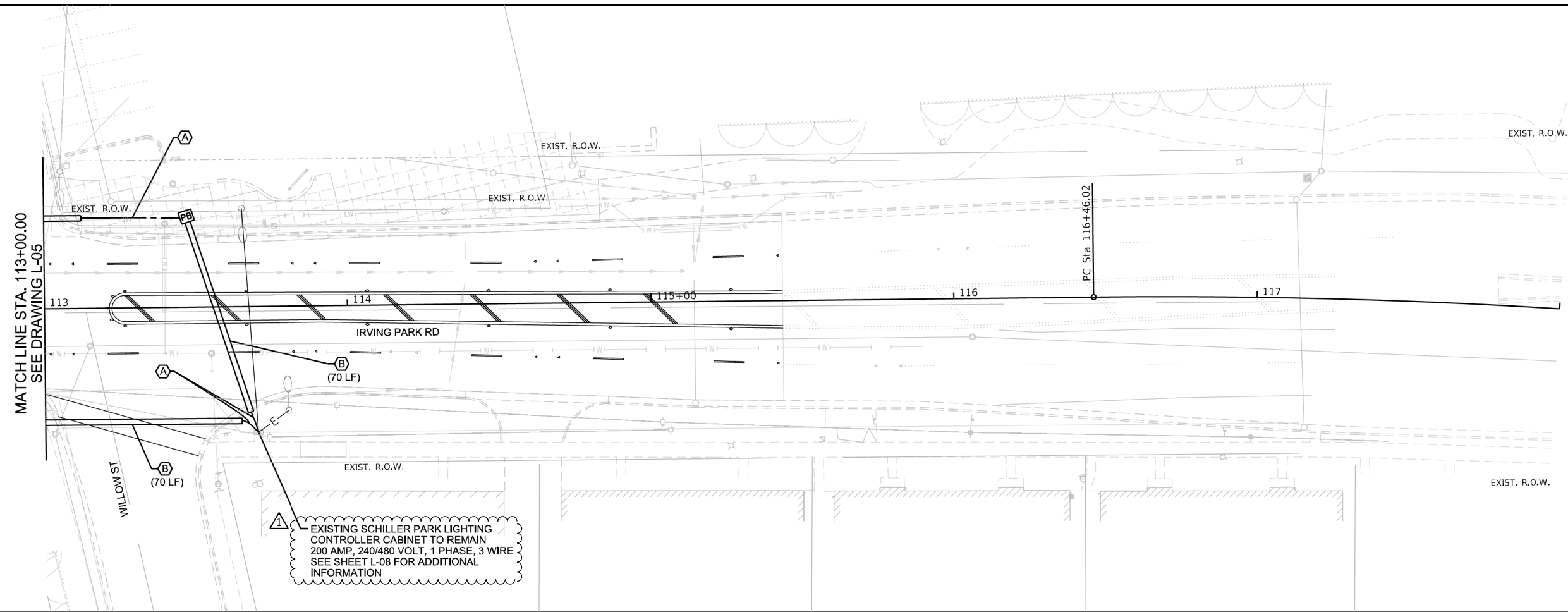
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|-----------------------------|-------------------|----------------------|
| USER NAME = pam             | DESIGNED - JF     | REVISED - 10/24/2024 |
|                             | DRAWN - FLP       | REVISED -            |
| PLOT SCALE = 40.0000' / in. | CHECKED - JDM     | REVISED -            |
| PLOT DATE = 10/23/2024      | DATE - 07/24/2024 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN SHEETS  
SCHILLER PARK, ILLINOIS

SCALE: 1" = 40'    SHEET \$X535 OF 10 SHEETS    STA. 9+50    TO STA. 13+00.

| F.A.U<br>RTE.             | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|---------------------------|----------------|--------|-----------------|--------------|
| 345B                      | 15-00082-00-CH | COOK   | 122             | 89           |
| CONTRACT NO. 61J90        |                |        |                 |              |
| ILLINOIS FED. AID PROJECT |                |        |                 |              |



MODEL Default  
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Wi-Skies, LLC

|                             |                   |                      |
|-----------------------------|-------------------|----------------------|
| USER NAME = pam             | DESIGNED - JF     | REVISED - 10/24/2024 |
|                             | DRAWN - FLP       | REVISED -            |
| PLOT SCALE = 40.0000' / in. | CHECKED - JDM     | REVISED -            |
| PLOT DATE = 10/23/2024      | DATE - 07/24/2024 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN SHEETS  
SCHILLER PARK, ILLINOIS

SCALE: 1" = 40'  
SHEET 6 OF 10 SHEETS  
STA. 113+00 TO STA. 116+00

|                           |                           |                |                     |                 |
|---------------------------|---------------------------|----------------|---------------------|-----------------|
| F.A.U. RTE.<br>345B       | SECTION<br>15-00082-00-CH | COUNTY<br>COOK | TOTAL SHEETS<br>122 | SHEET NO.<br>91 |
| CONTRACT NO. 61J90        |                           |                |                     |                 |
| ILLINOIS FED. AID PROJECT |                           |                |                     |                 |

L-06

MODEL: Default  
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|               |                   |
|---------------|-------------------|
| USER NAME     | = pam             |
| DESIGNED      | - JF              |
| DRAWN         | - FLP             |
| PLotted SCALE | = 40,0000 " / in. |
| CHECKED       | - JDM             |
| PLotted DATE  | = 10/23/2024      |
| DATE          | - 07/24/2024      |

|         |              |
|---------|--------------|
| REVISED | - 10/24/2024 |
| REVISED | -            |
| REVISED | -            |
| REVISED | -            |

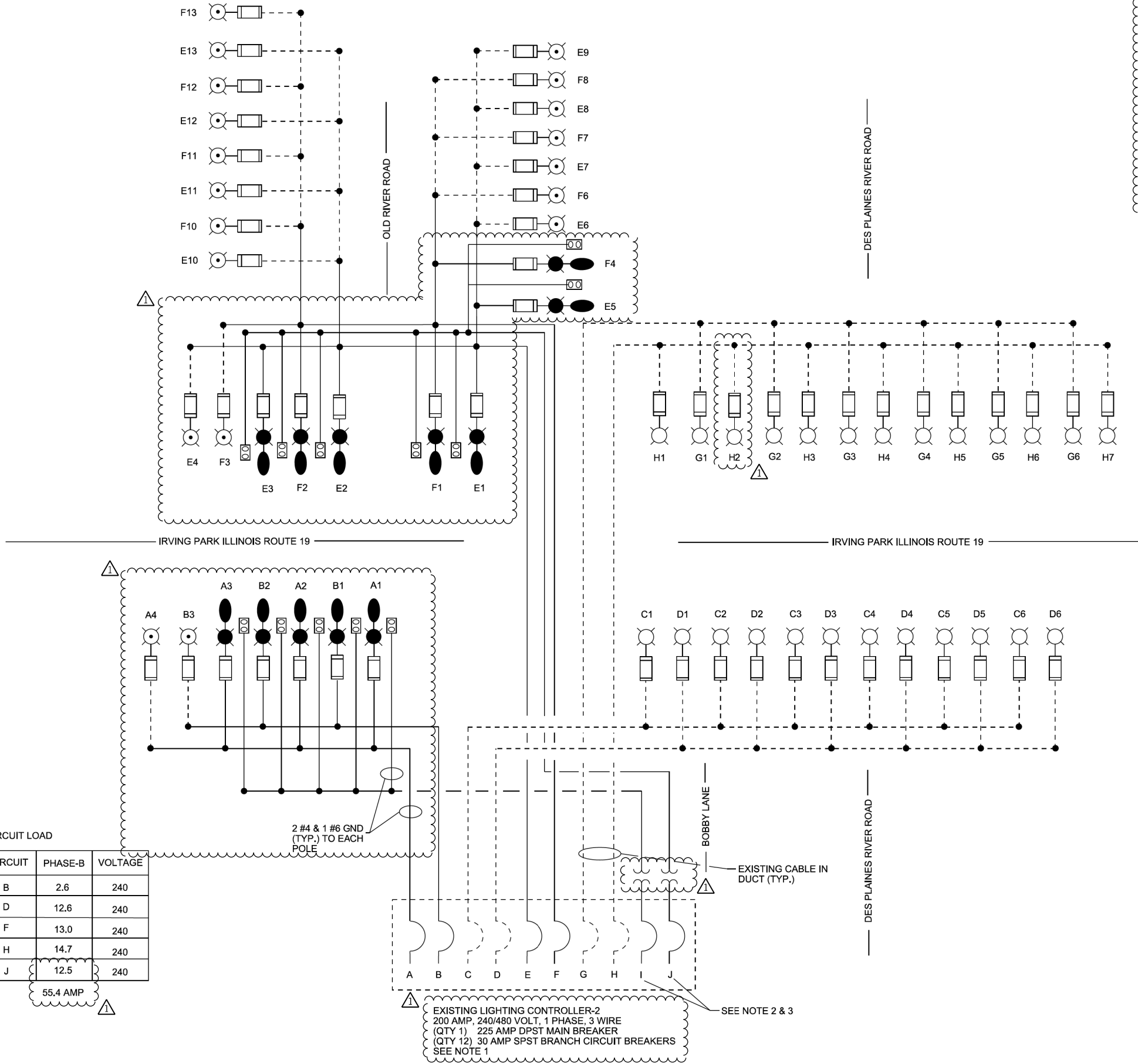
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM  
SCHILLER PARK, ILLINOIS

SCALE: None SHEET 8 OF 10 SHEETS

|                           |                |        |                 |              |
|---------------------------|----------------|--------|-----------------|--------------|
| F.A.U<br>RTE.             | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 345B                      | 15-00082-00-CH | COOK   | 122             | 93           |
| CONTRACT NO. 61J90        |                |        |                 |              |
| ILLINOIS FED. AID PROJECT |                |        |                 |              |

| CONTROLLER-2 CIRCUIT LOAD |         |          |         |         |          |
|---------------------------|---------|----------|---------|---------|----------|
| CIRCUIT                   | PHASE-A | VOLTAGE  | CIRCUIT | PHASE-B | VOLTAGE  |
| A                         | 3.2     | 240      | B       | 2.6     | 240      |
| C                         | 12.6    | 240      | D       | 12.6    | 240      |
| E                         | 14.9    | 240      | F       | 13.0    | 240      |
| G                         | 12.6    | 240      | H       | 14.7    | 240      |
| I                         | 12.5    | 240      | J       | 12.5    | 240      |
| TOTAL                     |         | 55.8 AMP |         |         | 55.4 AMP |



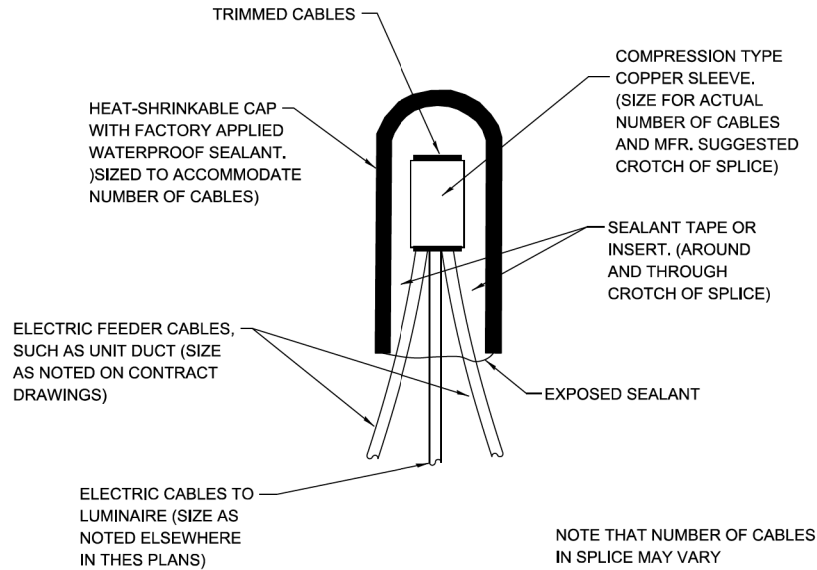
### WIRING DIAGRAM NOTES

1. ALL EXISTING BREAKERS AND EQUIPMENT WITHIN SERVICE CABINET SHALL REMAIN IN PLACE FOR CIRCUITS A, B, C, D, E, F, G, AND H.
2. FOR CIRCUITS I & J, REPLACE EXISTING 30A SPST BRANCH CIRCUIT BREAKERS WITH 20A GFI SPST BRANCH CIRCUIT BREAKERS.
3. CIRCUITS I & J ARE TO UTILIZE THE #6 GND WIRE ROUTED TO POLES VIA CIRCUITS A, B, E, AND F. THIS CONFIGURATION MEANS 4#4 AND 1#6 GND WILL BE RUN IN THE SAME 1-1/2" UNIT DUCT AS SHOWN ON SHEET L-01 IN THE CABLE/CONDUIT SCHEDULE.

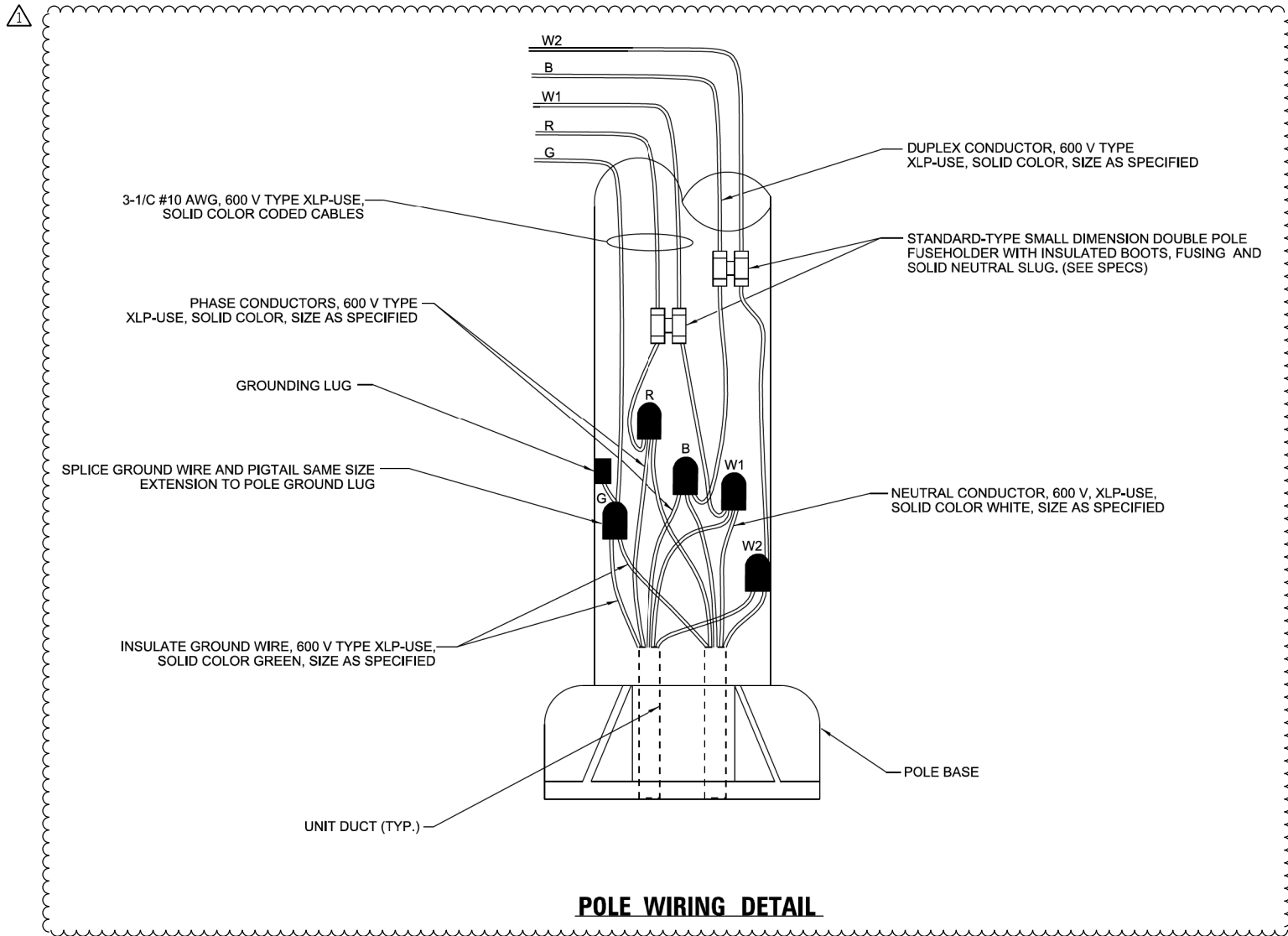
### WIRING DIAGRAM LEGEND

- LUMINAIRE, 30W & 105W
- LUMINAIRE, 250W HPS
- LUMINAIRE, 400W HPS
- FUSE, 5A 400W HPS  
FUSE, 3A 250W HPS AND LED
- CIRCUIT BREAKER
- 2 1/C #4 & 1/C #6 GND
- EXISTING UNIT DUCT AND CABLE TO REMAIN
- CONNECTION
- GFCI DUPLEX OUTLET, 120V
- TRANSFORMER, 3kVA, 1 PHASE  
240:480V PRIMARY, 120:240V SECONDARY

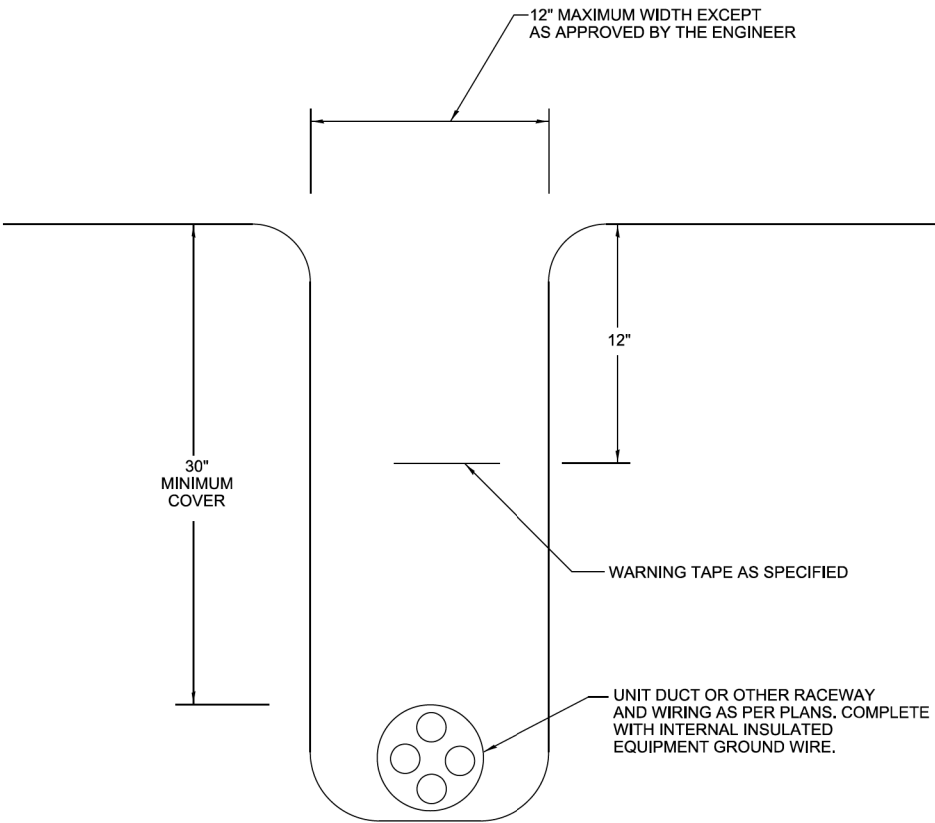
L-08



TYPICAL SPLICE DETAIL



POLE WIRING DETAIL



TYPICAL WIRING IN TRENCH DETAIL

MODEL Default  
FILE Name: C:\Users\pam\Wi-Skies Dropbox\Wi-Skies, LLC\Projects\22311 Irving Park and Old River Intersection\CADD\9999-std-light-L10.dgn



|                             |                   |                      |
|-----------------------------|-------------------|----------------------|
| USER NAME = pam             | DESIGNED - JF     | REVISED - 10/24/2024 |
|                             | DRAWN - FLP       | REVISED -            |
| PLOT SCALE = 0.1666 ' / in. | CHECKED - JDM     | REVISED -            |
| PLOT DATE = 10/23/2024      | DATE - 07/24/2024 | REVISED -            |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS  
SCHILLER PARK, ILLINOIS

SCALE: None SHEET 10 OF 10 SHEETS

|                           |                |        |                 |              |
|---------------------------|----------------|--------|-----------------|--------------|
| F.A.U<br>RTE.             | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 345B                      | 15-00082-00-CH | COOK   | 122             | 95           |
| CONTRACT NO. 61J90        |                |        |                 |              |
| ILLINOIS FED. AID PROJECT |                |        |                 |              |