# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### F.A.P. RTE. SECTION COUNTY TOTAL SHEET NO. HEET NO. 840A SIGNAL MAST ARM REP 2021-01 KANKAKEE 24 1 ILLINOIS CONTRACT NO. 66L28

### **INDEX OF SHEETS**

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- 16 SIGN SCHEDULE AND DETAILS
- 17-20 MAST ARM DETAILS
- 21-24 SOIL BORING LOG

### **HIGHWAY STANDARDS**

| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS            |
|-----------|---|
| 001006    | DECIMAL OF AN INCH AND OF A FOOT                        |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION              |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE                   |
| 701901-08 | TRAFFIC CONTROL DEVICES                                 |
| 720016-04 | MAST ARM MOUNTED STREET NAME SIGNS                      |
| 838001-01 | BREAKAWAY DEVICES                                       |
| 857001-01 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 873001-02 | TRAFFIC SIGNAL GROUNDING & BONDING                      |
| 876001-04 | PEDESTRIAN PUSH BUTTON POST                             |
| 877001-08 | STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'        |
| 878001-11 | CONCRETE FOUNDATION DETAILS                             |

TRAFFIC SIGNAL MOUNTING DETAILS

880006-01

 $\circ$ 

# 0 100' 200' 300'— 1"= 100' 0 50' 100' 1"= 50' 0 50' 100' 1"= 40' 0 50' 100' - 1"= 30' 0 50' 100' - 1"= 30' - 1"= 20'

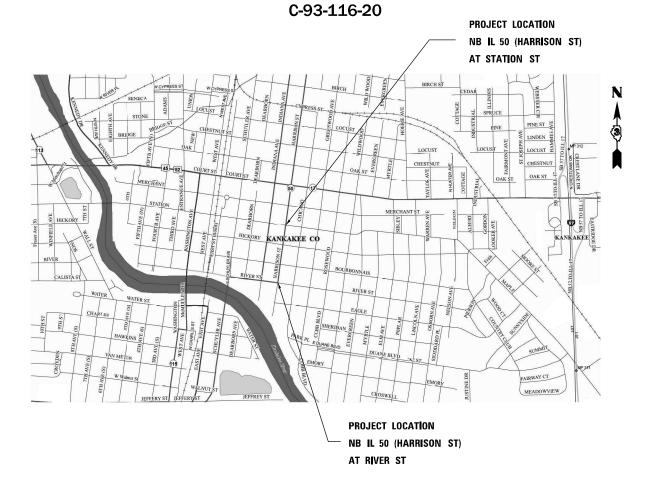
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

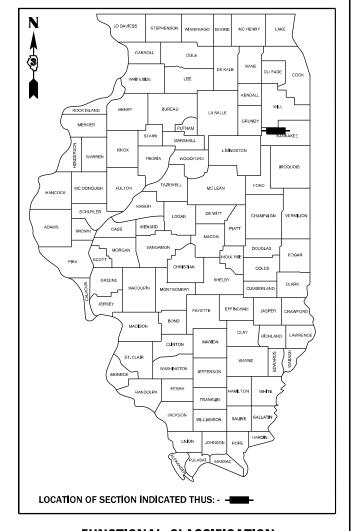
PROJECT ENGINEER: JACOB OYIER, P.E. UNIT CHIEF: STEPHENIE CARMIN DISTRICT 3 NO. (815) 434–6131 CONTRACT NO. 66L28

# PROPOSED HIGHWAY PLANS

FAP ROUTE 840A (IL 50 NB)
SECTION SIGNAL MAST ARM REP 2021-01
PROJECT NHPP-6D7T(213)
MAST ARM REPLACEMENT
KANKAKEE COUNTY

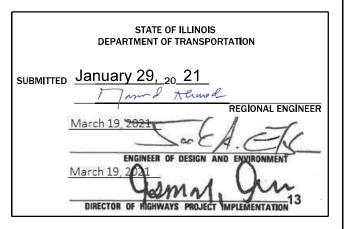


GROSS LENGTH = N/ANET LENGTH = N/A



D-93-081-20

# FUNCTIONAL CLASSIFICATION IL 50- OTHER PRINCIPAL ARTERIAL 2019 ADT = 2,200 P.V. = 94.1% S.U. = 3.2% M.U. = 2.7%



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**GENERAL NOTES** 

THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3. SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- AT&T AQUA ILLINOIS
- COMCAST INTERCARRIER NETWORKS
- COMED - CITY OF KANKAKEE

ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.

A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEM.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON. COST TO BE INCLUDED WITH THE TRAFFIC SIGNAL CONTROLLER PAY ITEM.

ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL PUSHED CONDUIT MAY BE P.V.C. OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND

THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER

ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.

ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 OF THE STANDARD SPECIFICATIONS.

BACKPLATES SHALL BE POLYCARBONATE, LOUVERED FORMED BACKPLATES.

ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND BLACK BRACKETS.

THE MAST ARM FOUNDATIONS SHALL BE LOCATED A MINIMUM 6' FROM THE FACE OF CURB OR A MINIMUM 18' FROM THE EDGE OF PAVEMENT TO THE FACE OF FOUNDATION WHERE THERE IS NO CURB, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN CURB AREA, THE FOUNDATION SHALL BE LOCATED MORE THAN 6', IF POSSIBLE, IF THE SIGNAL HEAD STILL LINES UP IN CENTER OF LANE.

ANY EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

### COMMITMENTS

| STATE OF ILLINOIS            |  |  |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|--|
| DEPARTMENT OF TRANSPORTATION |  |  |  |  |  |  |  |
| DISTRICT THREE               |  |  |  |  |  |  |  |
| AS BUILT INFORMATION         |  |  |  |  |  |  |  |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY:

DATE:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

INSPECTORS:

SCALE:

**EXAMINED BY:** 

DISTRICT CONSTRUCTION ENGINEER

24 2

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

FILE NAME = USER NAME = NOLASCOCJ DESIGNED -REVISED es\District 3\Projects\D366L28\CADData\D366L28-sht DRAWN REVISED -CHECKED -REVISED PLOT DATE = 1/29/2021 DATE REVISED

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

SECTION COUNTY **GENERAL NOTES** 840A SIGNAL MAST ARM REP 2021-01 KANKAKEE CONTRACT NO. 66L28 SHEET OF SHEETS STA. TO STA.

|          |  |       | Γ         | CONSTR. CODE |
|----------|--|-------|-----------|--------------|
|          |  |       | 80% FED   | FUND CODE    |
|          |  |       | 20% STATE | FEDERAL      |
|          |  |       |           | SAFETY       |
| CODE     |  |       | TOTAL     | 0021         |
| NO.      | ITEM   | UNIT  | QUANTITY  | URBAN        |
|          |  |       |           |              |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 550       | 550          |
| 42400800 | DETECTABLE WARNINGS  | SQ FT | 36        | 36           |
|          |  |       | 550       | 550          |
| 44000600 | SIDEWALK REMOVAL   | SQ FT | 550       | 550          |
| 67100100 | MOBILIZATION   | L SUM | 1         | 1            |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701                    | L SUM | 1         | 1            |
| 72000100 | SIGN PANEL - TYPE 1  | SQ FT | 28.5      | 28.5         |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801                    | L SUM | 1         | 1            |
| 72400310 | REMOVE SIGN PANEL - TYPE 1   | SQ FT | 45        | 45           |
| 81028340 | UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 93        | 93           |
|          |  |       |           |              |
| 81028370 | UNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 102       | 102          |
| 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 2         | 2            |
|          |  |       |           |              |
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 2235      | 2235         |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 2112      | 2112         |
|          | ·  |       |           |              |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 981       | 981          |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 3475      | 3475         |
|          |  |       |           |              |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 2378      | 2378         |

<sup>\*=</sup> SPECIALTY ITEM

| FILE NAME =   | USER NAME = Grunstadaj  | DESIGNED  | REVISED |                              |                                       | F.A.P. SECTION COUNTY TOTAL SHEET              |
|---|---|-----------|---------|------------------------------|---------------------------------------|--|
| pw:\\planroom.dot.lllinols.gov:PWIDOT\Documents\IDO | T offices\District 3\Projects\D366L28\CADData\D366L28-sht-SOC | QugrDRAWN | REVISED | STATE OF ILLINOIS            | SUMMARY OF QUANTITIES                 | 840A SIGNAL MAST ARM REP 2021-01 KANKAKEE 24 3 |
| 1   | PLOT SCALE = 100.0000 ' / in.                                 | CHECKED - | REVISED | DEPARTMENT OF TRANSPORTATION |                                       | CONTRACT NO. 66L28                             |
| Default   | PLOT DATE = 1/30/2021   | DATE      | REVISED |                              | SCALE: SHEET 1 OF 3 SHEETS STA TO STA | ILLINOIS FED. AID PROJECT                      |

|          |   |      | [         | CONSTR. CODE |
|----------|---|------|-----------|--------------|
|          |   |      | 80% FED   | FUND CODE    |
|          |   |      | 20% STATE | FEDERAL      |
|          |   |      |           | SAFETY       |
| CODE     |   |      | TOTAL     | 0021         |
| NO.      | ITEM  | UNIT | QUANTITY  | URBAN        |
|          |   |      |           |              |
| 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.          | EACH | 1         | 1            |
|          |   |      |           |              |
| 87600100 | PEDESTRIAN PUSH-BUTTON POST, TYPE I                   | EACH | 9         | 9            |
| 87700160 | STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.              | EACH | 2         | 2            |
|          |   |      |           |              |
| 87700170 | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.              | EACH | 3         | 3            |
|          |   |      |           |              |
| 87700200 | STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.              | EACH | 1         | 1            |
| 87800100 | CONCRETE FOUNDATION, TYPE A                           | FOOT | 3         | 3            |
|          |   |      |           |              |
| 87800400 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER          | FOOT | 53        | 53           |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER          | FOOT | 11        | 11           |
| 87000413 | CONCRETE TOUNDATION, TIPE E 30-INCH DIAMETER          | 1001 | 11        | 11           |
| 87900200 | DRILL EXISTING HANDHOLE                               | EACH | 14        | 14           |
|          |   | 1    |           |              |
| 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 10        | 10           |
| 88030100 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED  | EACH | 2         | 2            |
|          |   |      |           |              |
| 88102710 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED  | EACH | 16        | 16           |
| 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC    | EACH | 12        | 12           |
|          | TRAITE STOWNE BACKI LATE, LOUVENED, TORNIED FEASTIC   | LAGI | 12        | 12           |
| 88800100 | PEDESTRIAN PUSH-BUTTON                                | EACH | 16        | 16           |
|          |   |      |           |              |

|  |  | E        |         |                              |                       |                                 |                                  |                    |              |       |
|--|--|----------|---------|------------------------------|-----------------------|---------------------------------|----------------------------------|--------------------|--------------|-------|
| FILE NAME =  | USER NAME = Grunstadaj                                     | DESIGNED | REVISED |                              |                       |                                 | - 1                              | F.A.P. SECTION     | COUNTY TOTAL | SHEET |
| pw:\\planroom.dot.lilinols.gov:PWIDOT\Documents\IDOT | ffices\District 3\Projects\D366L28\CADData\D366L28-sht-SOQ | grDRAWN  | REVISED | STATE OF ILLINOIS            | SUMMARY OF QUANTITIES |                                 | 840A SIGNAL MAST ARM REP 2021-01 | KANKAKEE 24        | 4            |       |
|  | PLOT SCALE = 100.0000 ' / in.                              | CHECKED  | REVISED | DEPARTMENT OF TRANSPORTATION |                       |                                 |                                  |                    | CONTRACT NO. | 66L28 |
| Default  | PLOT DATE = 1/30/2021                                      | DATE     | REVISED |                              | SCALE:                | SHEET 2 OF 3 SHEETS STA TO STA. |                                  | ILLINOIS   FED. AI |              |       |

|          |  |       |           | CONSTR. CODE |
|----------|--|-------|-----------|--------------|
|          |  |       | 80% FED   | FUND CODE    |
|          |  |       | 20% STATE | FEDERAL      |
|          |  |       |           | SAFETY       |
| CODE     |  |       | TOTAL     | 0021         |
| NO .     | ITEM                                     | UNIT  | QUANTITY  | URBAN        |
|          |  |       |           | =            |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT       | FOOT  | 2378      | 2378         |
|          |  |       |           |              |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH  | 2         | 2            |
|          |  |       |           |              |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION      | EACH  | 6         | 6            |
|          |  |       |           |              |
| X7200075 | REMOVE AND REINSTALL SIGN PANEL          | SQ FT | 18        | 18           |
|          |  |       |           |              |
| X7230200 | INSTALL SIGN PANEL - TYPE 2              | SQ FT | 50        | 50           |
|          |  |       |           |              |
| X8950114 | MODIFY EXISTING CONTROLLER AND CABINET   | EACH  | 2         | 2            |
|          |  |       |           |              |
| Z0029602 | TEMPORARY SIGNING                        | L SUM | 26        | 26           |

| - 1 | FILE NAME =  | USER NAME = Grunstadaj                                      | DESIGNED _ | REVISED _ |
|-----|--|---|------------|-----------|
| - 1 | pw:\\planroom.dot.lllinols.gov:PWIDOT\Documents\IDOT | ffices\District 3\Projects\D366L28\CADData\D366L28-sht-SOQ. | grDRAWN _  | REVISED   |
| - 1 |  | PLOT SCALE = 100.0000 ' / in.                               | CHECKED -  | REVISED - |
|     | Default  | PLOT DATE = 1/30/2021                                       | DATE _     | REVISED _ |

|   | SUMMARY OF QUANTITIES |         |            |        |      |        | F.A.P.<br>RTE. | S |
|---|-----------------------|---------|------------|--------|------|--------|----------------|---|
|   |                       | 840A    | SIGNAL MAS |        |      |        |                |   |
| ٥ |                       |         |            |        |      |        |                |   |
|   | SCALE:                | SHEET 3 | OF 3       | SHEETS | STA. | TO STA |                |   |

EXIST. HANDHOLE

| $\bowtie$     | EXIST. CONTROLLER                     |
|---------------|---------------------------------------|
| 0             | EXIST. STEEL MAST ARM                 |
| <b>©</b>      | EXIST. PEDESTRIAN PUSHBUTTON DETECTOR |
| $\rightarrow$ | EXIST. SIGNAL HEAD                    |
| +⊳            | EXIST. SIGNAL HEAD WITH BACKPLATE     |

- EXIST. SIGNAL HEAD, PEDESTRIAN

O EXIST, SIGNAL POST

⊗ EXIST. WOOD POLE

-- CONDUIT

PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT
PROP. HANDHOLE

PROP. CONTROLLER

• PROP. STEEL MAST ARM

PROP. PEDESTRIAN PUSHBUTTON DETECTOR

► PROP. SIGNAL HEAD

PROP. SIGNAL HEAD WITH BACKPLATE

■ PROP. SIGNAL HEAD, PEDESTRIAN

PROP. SIGNAL POST

PROP. WOOD POLE

# BILL OF MATERIALS NB IL 50 (HARRISON) AT STATION ST- NE QUAD

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 125      |
| SIDEWALK REMOVAL   | SQ FT | 125      |
| STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.                           | EACH  | 1        |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1        |
| UNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 19       |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 24       |
| DRILL EXISTING HANDHOLE  | EACH  | 3        |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 2        |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25     |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 141      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 107.5    |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 235      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 39       |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.                       | EACH  | 1        |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 522.5    |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2        |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED               | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 267      |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2        |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                       | FOOT  | 11       |
| CONCRETE FOUNDATION, TYPE A  | FOOT  | 3        |
| SIGN PANEL - TYPE 1  | SQ FT | 7.5      |
| REMOVE SIGN PANEL - TYPE 1   | SQ FT | 7.5      |
| TEMPORARY SIGNING  | L SUM | 5        |
| THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 20       |
| DETECTABLE WARNINGS  | SQ FT | 12       |
| MODIFY EXISTING CONTROLLER AND CABINET                             | EACH  | 1        |

# INSTALL 32' STEEL MAST ARM ASSEMBLY & POLE WITH 2 EACH 3 SECTION SIGNAL HEADS 19' UNDERGROUND CONDUIT 3" DIAMETER REMOVE CONCRETE FOUNDATION & MAST ARM ASSEMBLY & POLE WITH 2 EACH 3 SECTION HEAD INSTALL 16' TRAFFIC SIGNAL POST WITH 1 PED HEAD AND TYPE A FOUNDATION 3 EACH DRILL EXISTING HAND HOLE 3' UNDERGROUND CONDUIT PVC 1½" DIAMETER INSTALL PEDESTRIAN PUSH BUTTON POST TYPE 1 WITH W.B. PUSH BUTTON & SIGN 21' UNDERGROUND CONDUIT PVC 1½" DIAMETER 50 SO. FT. OF 4" PVC SIDEWALK REMOVAL & REPLACEMENT INSTALL PEDESTRIAN PUSH BUTTON POST TYPE 1 WITH S.B. PUSH BUTTON & SIGN MODIFY EXISTING CONTROLLER AND CABINET INSTALL PEDESTRIAN HEAD ON EXISTING TRAFFIC SIGNAL POST AND REMOVE 1 EXISTING PEDESTRIAN HEADS. INSTALL NEW 5 SECTION SIGNAL HEAD

# STATION STREET

| USER NAME = Grunstadaj      | DESIGNED | REVISED |                              | N.E. OUADRAN                            | NT OF HARRISON AVE. & STATION ST. |   | F.A.P. SECTION           |               | COUNTY   | T<br>SI |
|-----------------------------|----------|---------|------------------------------|---|-----------------------------------|---|--------------------------|---------------|----------|---------|
|                             | DRAWN    | REVISED | STATE OF ILLINOIS            | • |                                   | • | 840A SIGNAL MAST ARM REF | P 2021-01     | KANKAKEE | $\top$  |
| PLOT SCALE = 100.0000 '/in. | CHECKED  | REVISED | DEPARTMENT OF TRANSPORTATION | PROPOSED TRAFFIC PLAN                   |                                   |   |                          |               | CONTRA   | 4CT     |
| PLOT DATE = 2/4/2021        | DATE     | REVISED |                              | SCALE: SHEET _                          | OF SHEETS STA TO STA              |   | ILLINOI                  | IS FED. AID F | PROJECT  | _       |

© EXIST. PEDESTRIAN PUSHBUTTON DETECTOR

EXIST. SIGNAL HEAD

EXIST. SIGNAL HEAD WITH BACKPLATE

- EXIST. SIGNAL HEAD, PEDESTRIAN

EXIST. SIGNAL POST

-- CONDUIT

PROPO

PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT

PROP. HANDHOLE

PROP. CONTROLLER

• PROP. STEEL MAST ARM

PROP. PEDESTRIAN PUSHBUTTON DETECTOR

→ PROP. SIGNAL HEAD

→ PROP. SIGNAL HEAD WITH BACKPLATE

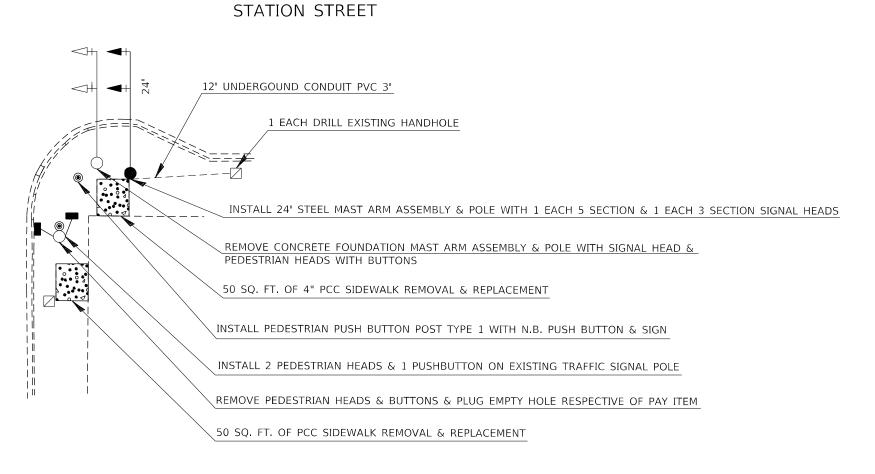
■ PROP. SIGNAL HEAD, PEDESTRIAN

PROP. SIGNAL POST

PROP. WOOD POLE

### <u>BILL OF MATERIALS</u> NB IL 50 (HARRISON) AT STATION ST - SE QUAD

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 100      |
| SIDEWALK REMOVAL   | SQ FT | 100      |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1        |
| UNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 12       |
| DRILL EXISTING HANDHOLE  | EACH  | 1        |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.                           | EACH  | 1        |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 1        |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED              | EACH  | 1        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25     |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 287      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 310      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 161      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 173      |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 931      |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2        |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 383      |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2        |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                       | FOOT  | 10       |
| REMOVE SIGN PANEL - TYPE 1   | SQ FT | 6        |
| INSTALL SIGN PANEL - TYPE 2  | SO FT | 12.5     |



| USER NAME = NOLASCOCJ       | DESIGNED - | REVISED - |
|-----------------------------|------------|-----------|
|                             | DRAWN -    | REVISED - |
| PLOT SCALE = 100.0000 '/in. | CHECKED -  | REVISED - |
| PLOT DATE = 1/29/2021       | DATE -     | REVISED - |

HARRISON AVENUE

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

| S.E. QUADRANT OF HARRISON AVE. & STATION ST. |       |         |        |        | F.A.P. SECTION COU |      | COUNTY                      | TOTAL<br>SHEETS | SHEET<br>NO. |   |
|--|-------|---------|--------|--------|--------------------|------|-----------------------------|-----------------|--------------|---|
| -  |       | PROPOSE | D TRAF | FIC PI | ΔN                 | 840A | SIGNAL MAST ARM REP 2021-01 | KANKAKEE        | 24           | 7 |
| PROPOSED TRAFFIC PLAN                        |       |         |        |        |                    |      | CONTRA                      | CT NO.          | 36L28        |   |
|  | SHEET | OF      | SHEETS | STA    | TO STA             |      | LUNIOIS EED AL              | DDOJECT         |              |   |



AVENUE

HARRISON

☐ EXIST. HANDHOLE☑ EXIST. CONTROLLER

O EXIST. STEEL MAST ARM

EXIST. PEDESTRIAN PUSHBUTTON DETECTOR

EXIST. SIGNAL HEAD

+⇒ EXIST. SIGNAL HEAD WITH BACKPLATE

- EXIST. SIGNAL HEAD, PEDESTRIAN

O EXIST, SIGNAL POST

 $\otimes$  EXIST. WOOD POLE

-- CONDUIT

) . ö 🦸

PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT

PROP. HANDHOLE

PROP. CONTROLLER

PROP. STEEL MAST ARM

PROP. PEDESTRIAN PUSHBUTTON DETECTOR

► PROP. SIGNAL HEAD

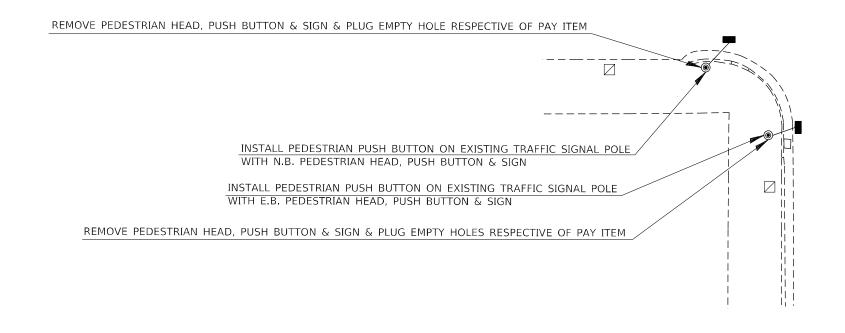
PROP. SIGNAL HEAD WITH BACKPLATE

■ PROP. SIGNAL HEAD, PEDESTRIAN

PROP. SIGNAL POST

PROP. WOOD POLE

# STATION STREET



# **BILL OF MATERIALS**

NB IL 50 (HARRISON) AT STATION ST - SW QUAD

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25     |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 460      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 474      |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 934      |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2        |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 442      |
| SIGN PANEL - TYPE 1  | SQ FT | 7.5      |
| REMOVE SIGN PANEL - TYPE 1   | SQ FT | 7.5      |
| TEMPORARY SIGNING  | L SUM | 3        |
| THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 20       |

| USER NAME = NOLASCOCJ       | DESIGNED - | REVISED - |                              |
|-----------------------------|------------|-----------|------------------------------|
|                             | DRAWN -    | REVISED - | STATE OF ILLINOIS            |
| PLOT SCALE = 100.0000 '/in. | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION |
| PLOT DATE = 1/29/2021       | DATE -     | REVISED - |                              |

| S.W    | •     |    | ARRISON<br>D TRAFF |      | & STATION ST.<br>N |
|--------|-------|----|--------------------|------|--------------------|
| SCALE: | SHEET | OF | SHEETS             | STA. | TO STA.            |

| F.A.P.<br>RTE | SEC.                       | TION     |         | COUNTY    | TOTAL<br>SHEETS | SHEE NO. |
|---------------|----------------------------|----------|---------|-----------|-----------------|----------|
| 840A          | SIGNAL MAST ARM REP 2021-0 |          |         | KANKAKEE  | 24              | 8        |
|               |                            |          |         | CONTRA    | CT NO.          | 66L28    |
|               |                            | ILLINOIS | FED. Al | D PROJECT |                 |          |

SCALE:

TRAFFIC SIGNALS LEGEND

EXIST. HANDHOLE  $\boxtimes$ EXIST. CONTROLLER EXIST. STEEL MAST ARM

EXIST. PEDESTRIAN PUSHBUTTON DETECTOR

EXIST. SIGNAL HEAD

EXIST. SIGNAL HEAD WITH BACKPLATE

EXIST. SIGNAL HEAD, PEDESTRIAN -

 $\bigcirc$ EXIST. SIGNAL POST

 $\otimes$ EXIST. WOOD POLE

CONDUIT

PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT

PROP. HANDHOLE

PROP. CONTROLLER

PROP. STEEL MAST ARM

PROP. PEDESTRIAN PUSHBUTTON DETECTOR

PROP, SIGNAL HEAD

PROP. SIGNAL HEAD WITH BACKPLATE

PROP. SIGNAL HEAD, PEDESTRIAN

PROP. SIGNAL POST

PROP. WOOD POLE

# BILL OF MATERIALS NB IL 50 (HARRISON) AT STATION ST - NW QUAD

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 50       |
| SIDEWALK REMOVAL   | SQ FT | 50       |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1        |
| UNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 20       |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 4        |
| DRILL EXISTING HANDHOLE  | EACH  | 2        |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 1        |
| STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.                           | EACH  | 1        |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 2        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25     |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 257      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 282      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 342      |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 881      |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2        |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 369      |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2        |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                       | FOOT  | 10       |
| SIGN PANEL - TYPE 1  | SQ FT | 7.5      |
| REMOVE SIGN PANEL - TYPE 1   | SQ FT | 6        |
| TEMPORARY SIGNING  | L SUM | 5        |
| INSTALL SIGN PANEL - TYPE 2  | SQ FT | 12.5     |
| DETECTABLE WARNINGS  | SQ FT | 12       |

CONTRACT NO. 66L28

REMOVE PEDESTRIAN HEAD & BUTTON AND PLUG EMPTY HOLE RESPECTIVE TO PAY TIEMS 50 SQ. FT. OF 4" PCC SIDEWALK REMOVAL & REPLACEMENT INSTALL PEDESTRIAN PUSHBUTTON POST TYPE 1 WITH S.B. PUSH BUTTON & SIGN 4' UNDERGROUND CONDUIT PVC  $1\frac{1}{2}$ " DIAMETER 2 EACH DRILL EXISTING HANDHOLE REMOVE CONCRETE FOUNDATION & MAST ARM ASSEMBLY & POLE WITH SIGNAL & PEDESTRIAN HEADS 20' UNDERGROUND CONDUIT PVC 3" DIAMETER INSTALL 24' STEEL MAST ARM ASSEMBLY & POLE WITH 2 EACH 3 SECTION SIGNAL HEADS ------STATION STREET

> USER NAME = Grunstadaj DESIGNED -REVISED DRAWN -REVISED -CHECKED -REVISED -PLOT DATE = 1/29/2021 DATE REVISED -

INSTALL 2 PEDESTRIAN HEADS & 1 PUSH BUTTON ON EXISTING TRAFFIC SIGNAL HEAD

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

SECTION N.W. QUADRANT OF HARRISON AVE. & STATION ST. 840A SIGNAL MAST ARM REP 2021-01 KANKAKEE 24 9 PROPOSED TRAFFIC PLAN OF \_\_ SHEETS STA. \_ TO STA.

# $\bowtie$ + HARRISON AVENUE -0 $\bigcirc$ $\otimes$ . 6 50 SQFT OF 4" PCC SIDEWALK REMOVAL & REPLACEMENT

REMOVE CONCRETE FOUNDATION & MAST ARM ASSEMBLY & POLE WITH SIGNAL & PED HEADS

INSTALL 26' STEEL MAST ARM ASSEMBLY & POLE WITH 2 EACH 3 SECTION

AND SIGN INCINDENTAL TO RESPECTIVE PAY ITEM

15' UNDERGROUND CONDUIT PVC 1½" DIA

ON EXISTING TRAFFIC SIGNAL POLE

RIVER STREET

2 EACH DRILL EXIST HANDHOLE

<del>'=</del>=======

INSTALL PEDESTRIAN PUSH BUTTON POST, TYPE I WITH W.B. PUSH BUTTON

TRAFFIC SIGNALS LEGEND

EXIST. HANDHOLE EXIST. CONTROLLER EXIST. STEEL MAST ARM EXIST. PEDESTRIAN PUSHBUTTON DETECTOR EXIST. SIGNAL HEAD EXIST. SIGNAL HEAD WITH BACKPLATE EXIST. SIGNAL HEAD, PEDESTRIAN EXIST, SIGNAL POST EXIST. WOOD POLE CONDUIT PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT PROP. HANDHOLE PROP. CONTROLLER PROP. STEEL MAST ARM PROP. PEDESTRIAN PUSHBUTTON DETECTOR PROP. SIGNAL HEAD PROP. SIGNAL HEAD WITH BACKPLATE PROP. SIGNAL HEAD, PEDESTRIAN PROP. SIGNAL POST PROP. WOOD POLE

### **BILL OF MATERIALS** NB IL 50 (HARRISON) AT RIVER ST - NE QUADRANT

| ITEM   | UNIT  | QUANTIT |
|--|-------|---------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 100     |
| SIDEWALK REMOVAL   | SQ FT | 100     |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                           | EACH  | 1       |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1       |
| JNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 28      |
| JNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 15      |
| DRILL EXISTING HANDHOLE  | EACH  | 2       |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 1       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 2       |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2       |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25    |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25    |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 297     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 311     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 388     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 144     |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 1140    |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2       |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED               | EACH  | 1       |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 279     |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2       |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                       | FOOT  | 11      |
| TEMPORARY SIGNING  | L SUM | 5       |
| THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 20      |
| DETECTABLE WARNINGS  | SQ FT | 6       |

| USER NAME = Grunstadaj      | DESIGNED | REVISED |
|-----------------------------|----------|---------|
|                             | DRAWN    | REVISED |
| PLOT SCALE = 100.0000 '/in. | CHECKED  | REVISED |
| PLOT DATE = 1/29/2021       | DATE     | REVISED |

EXISTING 3"

26'

50 SQFT. 4" PCC SIDEWALK REMOVAL

28' OF UNDERGOUND CONDUIT PVC 3" DIA.

& REPLACEMENT

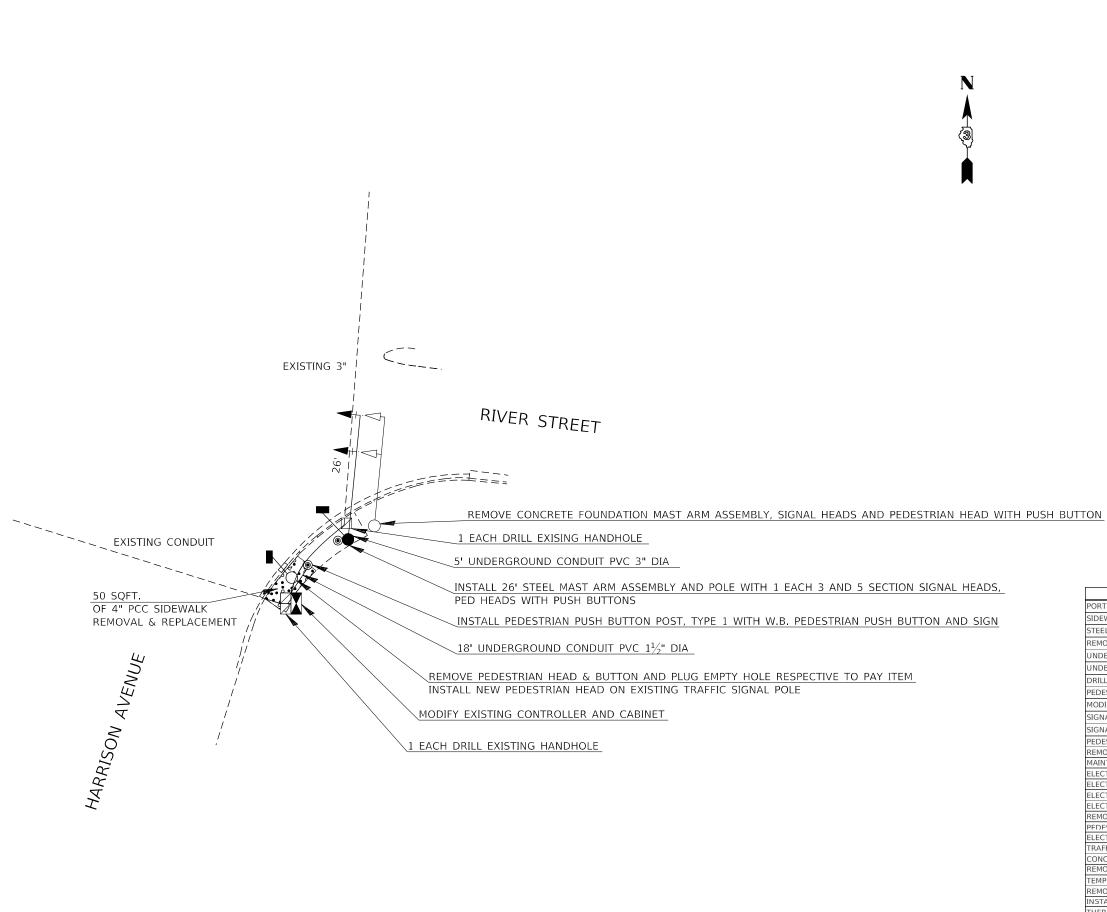
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

SCALE:

INSTALL 2 PEDESTRIAN HEADS AND 1 S.B. PEDESTRIAN PUSH BUTTON WITH SIGN AND 5 SECTION SIGNAL HEADS

REMOVE EXISTING PEDESTRIAN HEAD AND PLUG EMPTY HOLE RESPECTIVE TO PAY ITEM

| N.E. QUADRANT OF HARRISON AVE. & RIVER ST. |         |        |          |            | F.A.P.<br>RTE   |         |         | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |        |       |
|--|---------|--------|----------|------------|-----------------|---------|---------|----------|-----------------|--------------|--------|-------|
| PROPOSED TRAFFIC PLAN                      |         |        |          | 840A       | SIGNAL MAST ARM | M REP 2 | 2021-01 | KANKAKEE | 24              | 10           |        |       |
|  |         | ) OJLL | , 111/AI | I IO I LAN |                 |         |         |          |                 | CONTRA       | CT NO. | 66L28 |
| _  | SHEET _ | OF     | SHEETS   | STA        | TO STA          |         | IL.     | LLINOIS  | FED. AII        | PROJECT      |        |       |



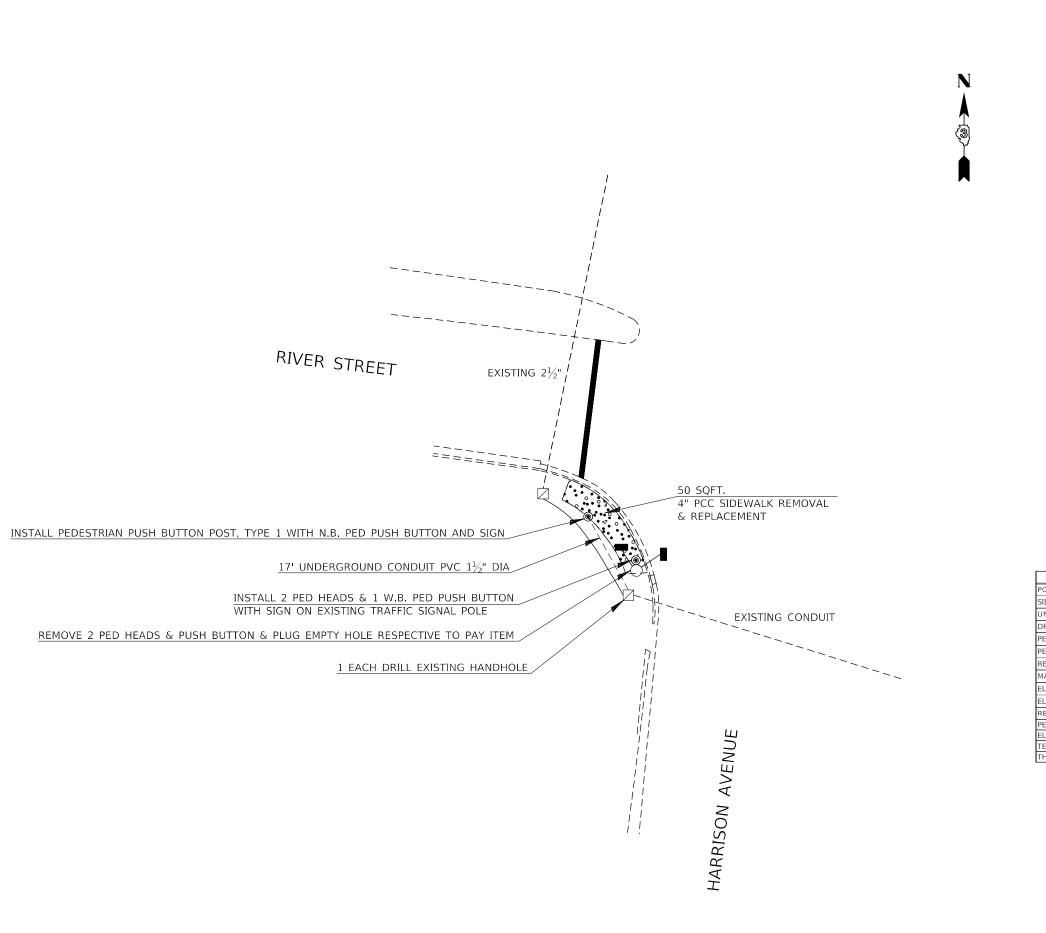
|                | EXIST. HANDHOLE                                   |
|----------------|---|
| $\bowtie$      | EXIST. CONTROLLER                                 |
| 0              | EXIST. STEEL MAST ARM                             |
| <b>©</b>       | EXIST. PEDESTRIAN PUSHBUTTON DETECTOR             |
| $\rightarrow$  | EXIST. SIGNAL HEAD                                |
| +>             | EXIST. SIGNAL HEAD WITH BACKPLATE                 |
| -0             | EXIST. SIGNAL HEAD, PEDESTRIAN                    |
| $\circ$        | EXIST. SIGNAL POST                                |
| $\otimes$      | EXIST. WOOD POLE                                  |
|                | CONDUIT   |
|                | PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT |
|                | PROP. HANDHOLE                                    |
| $\blacksquare$ | PROP. CONTROLLER                                  |
| •——            | PROP. STEEL MAST ARM                              |
| •              | PROP. PEDESTRIAN PUSHBUTTON DETECTOR              |
|                | PROP. SIGNAL HEAD                                 |
| · +            | PROP. SIGNAL HEAD WITH BACKPLATE                  |
| -              | PROP. SIGNAL HEAD, PEDESTRIAN                     |
| •              | PROP. SIGNAL POST                                 |
|                | PROP. WOOD POLE                                   |
|                |   |

# **BILL OF MATERIALS**

NB IL 50 (HARRISON) AT RIVER ST - SE OUADRANT

| ITEM   | UNIT  | QUANTIT |
|--|-------|---------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 50      |
| SIDEWALK REMOVAL   | SQ FT | 50      |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                           | EACH  | 1       |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1       |
| JNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 5       |
| JNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 18      |
| DRILL EXISTING HANDHOLE  | EACH  | 2       |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 1       |
| MODIFY EXISTING CONTROLLER AND CABINET                             | EACH  | 1       |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 1       |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED              | EACH  | 1       |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2       |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25    |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25    |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 105.5   |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 119.5   |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                        | FOOT  | 86.5    |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 98.5    |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 410     |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2       |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 84.5    |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2       |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER                       | FOOT  | 11      |
| REMOVE SIGN PANEL - TYPE 1   | SQ FT | 6       |
| TEMPORARY SIGNING  | L SUM | 3       |
| REMOVE AND REINSTALL SIGN FANEL                                    | SO FT | 18      |
| NSTALL SIGN PANEL - TYPE 2   | SQ FT | 12.5    |
| THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 20      |
| DETECTABLE WARNINGS  | SQ FT | 6       |

| FILE NAME =                         | USER NAME = Grunstadaj  | DESIGNED                               | REVISED |   | S.E. OUADRANT OF HARRISON AVE. & RIVER ST. | F.A.P. SECTION COUNTY TOTAL SHEET NO |
|-------------------------------------|---|--|---------|---|--|--------------------------------------|
| pw:\\planroom.dot.illinois.gov:PWID | DOT\Documents\IDOT offices\District 3\Projects\D366L28\CADData\D366L28-sh | RIVER & DARAMISON PROP SIGNAL PLAN.dgn | REVISED | STATE OF ILLINOIS  PROPOSED TRAFFIC PLAN  PROPOSED TRAFFIC PLAN |  |                                      |
|                                     | PLOT SCALE = 100.0000 '/in.   | CHECKED                                | REVISED | DEPARTMENT OF TRANSPORTATION                                    | PROPOSED TRAFFIC PLAIN                     | CONTRACT NO. 66L28                   |
| Default                             | PLOT DATE = 1/29/2021   | DATE                                   | REVISED |   | SCALE: SHEET _ OF SHEETS STA TO STA        | ILLINOIS FED. AID PROJECT            |

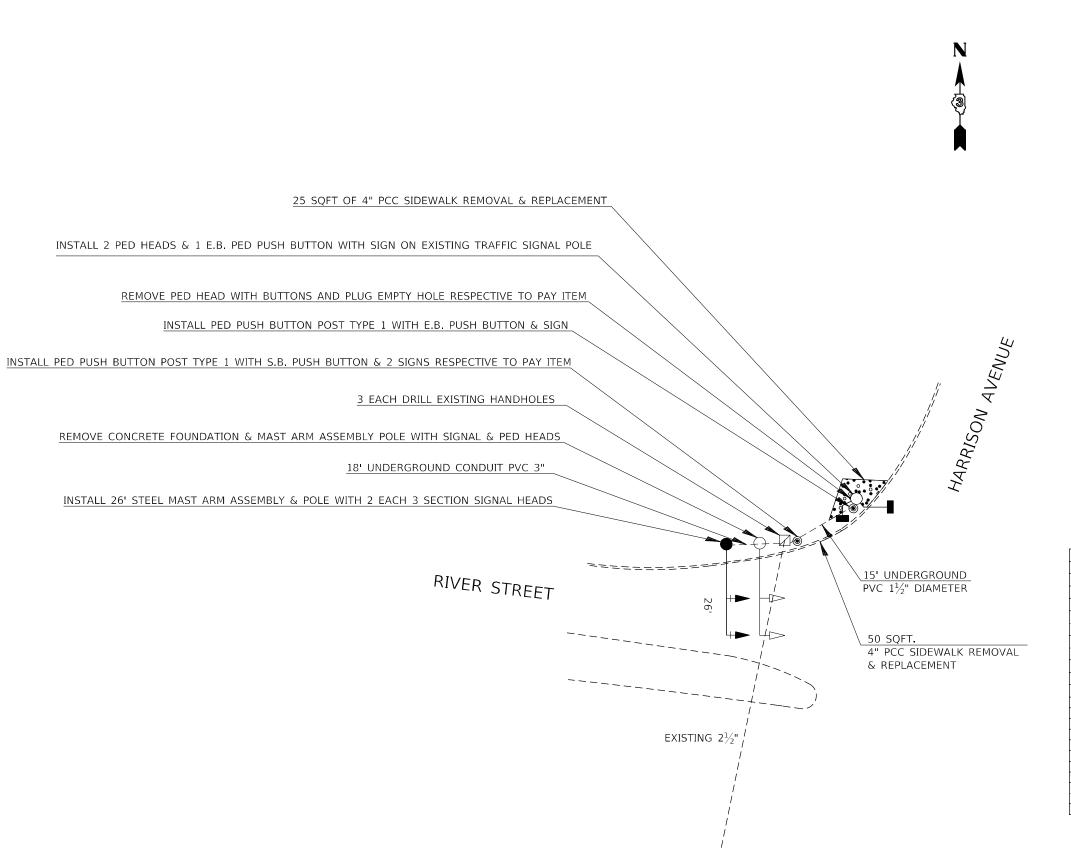


| _             |   |
|---------------|---|
|               | EXIST. HANDHOLE                                   |
| $\boxtimes$   | EXIST. CONTROLLER                                 |
| 0             | EXIST. STEEL MAST ARM                             |
| <b>©</b>      | EXIST. PEDESTRIAN PUSHBUTTON DETECTOR             |
| $\rightarrow$ | EXIST. SIGNAL HEAD                                |
| +>            | EXIST. SIGNAL HEAD WITH BACKPLATE                 |
| -0            | EXIST. SIGNAL HEAD, PEDESTRIAN                    |
| $\circ$       | EXIST, SIGNAL POST                                |
| $\otimes$     | EXIST. WOOD POLE                                  |
|               | CONDUIT   |
|               | PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT |
|               | PROP. HANDHOLE                                    |
|               | PROP. CONTROLLER                                  |
| •——           | PROP. STEEL MAST ARM                              |
| •             | PROP. PEDESTRIAN PUSHBUTTON DETECTOR              |
| -             | PROP. SIGNAL HEAD                                 |
| +-            | PROP. SIGNAL HEAD WITH BACKPLATE                  |
| 4             | PROP. SIGNAL HEAD, PEDESTRIAN                     |
| •             | PROP. SIGNAL POST                                 |
|               | PROP. WOOD POLE                                   |
|               |   |

# BILL OF MATERIALS NB IL 50 (HARRISON) AT RIVER ST - SW QUADRANT

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 50       |
| SIDEWALK REMOVAL   | SQ FT | 50       |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 17       |
| DRILL EXISTING HANDHOLE  | EACH  | 1        |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 1        |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED               | EACH  | 2        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25     |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25     |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 187      |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                        | FOOT  | 297.5    |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 187      |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2        |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 169      |
| TEMPORARY SIGNING  | L SUM | 5        |
| THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 40       |

| FILE NAME =  | USER NAME = Grunstadaj                                     | DESIGNED                                | REVISED |                              | S.W. QUADRANT OF HARRISON AVE. & RIVER ST. | F.A.P. SECTION                 | COUNTY TOTAL SHEET NO. |
|--|--|---|---------|------------------------------|--|--------------------------------|------------------------|
| pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT | T Offices\District 3\Projects\D366L28\CADData\D366L28-sht- | RIVER & DERIANTISON PROPSIGNAL PLAN.dgn | REVISED | STATE OF ILLINOIS            | PROPOSED TRAFFIC PLAN                      | 840A SIGNAL MAST ARM REP 2021- | -01 KANKAKEE 24 12     |
|  | PLOT SCALE = 100.0000'/in.                                 | CHECKED -                               | REVISED | DEPARTMENT OF TRANSPORTATION | THOTOSED THAIT TO LEAN                     |                                | CONTRACT NO. 66L28     |
| Default  | PLOT DATE = 2/4/2021                                       | DATE                                    | REVISED |                              | SCALE: SHEET _ OF _ SHEETS STA TO STA      | ILLINOIS FED.                  | . AID PROJECT          |

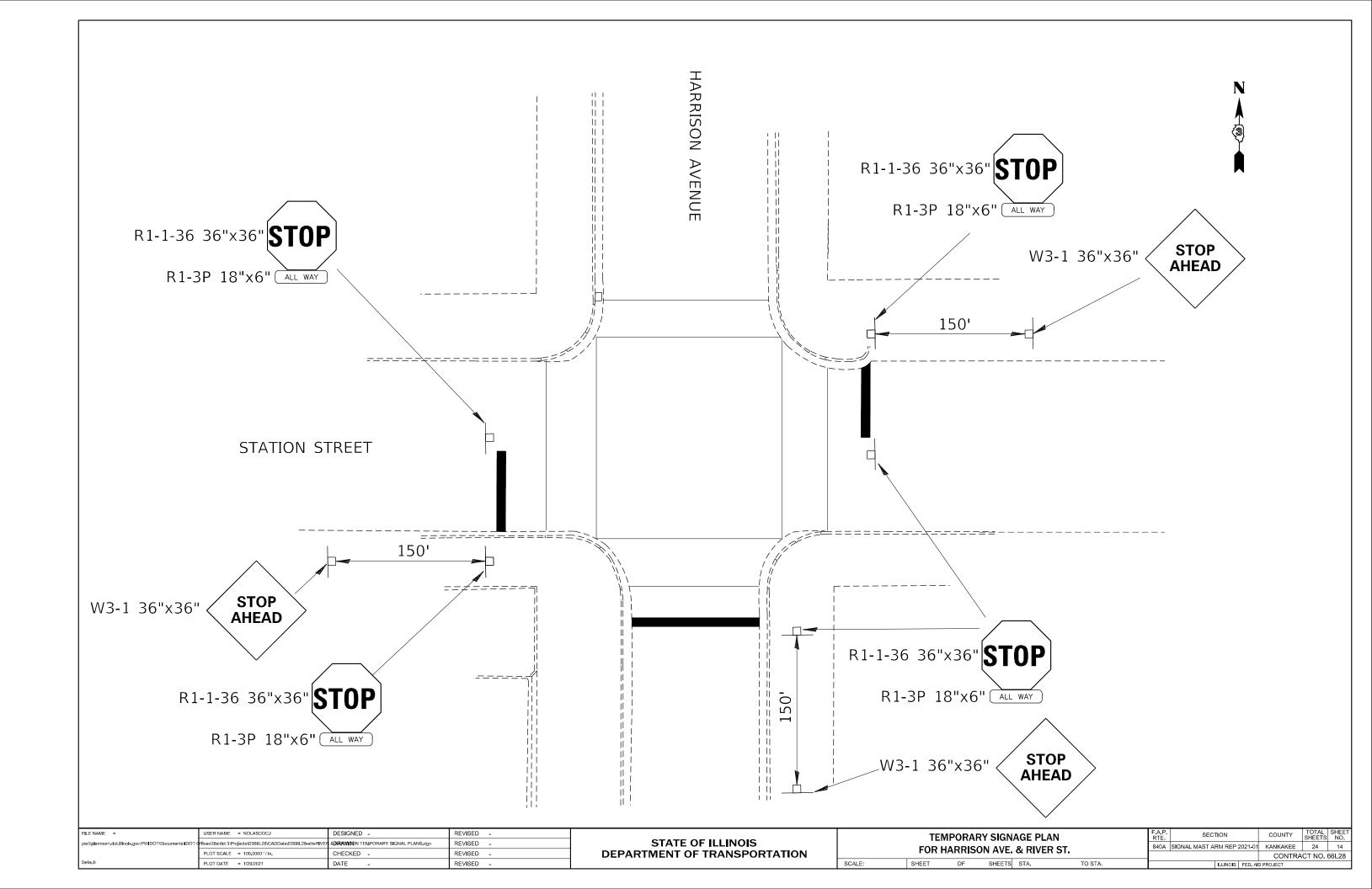


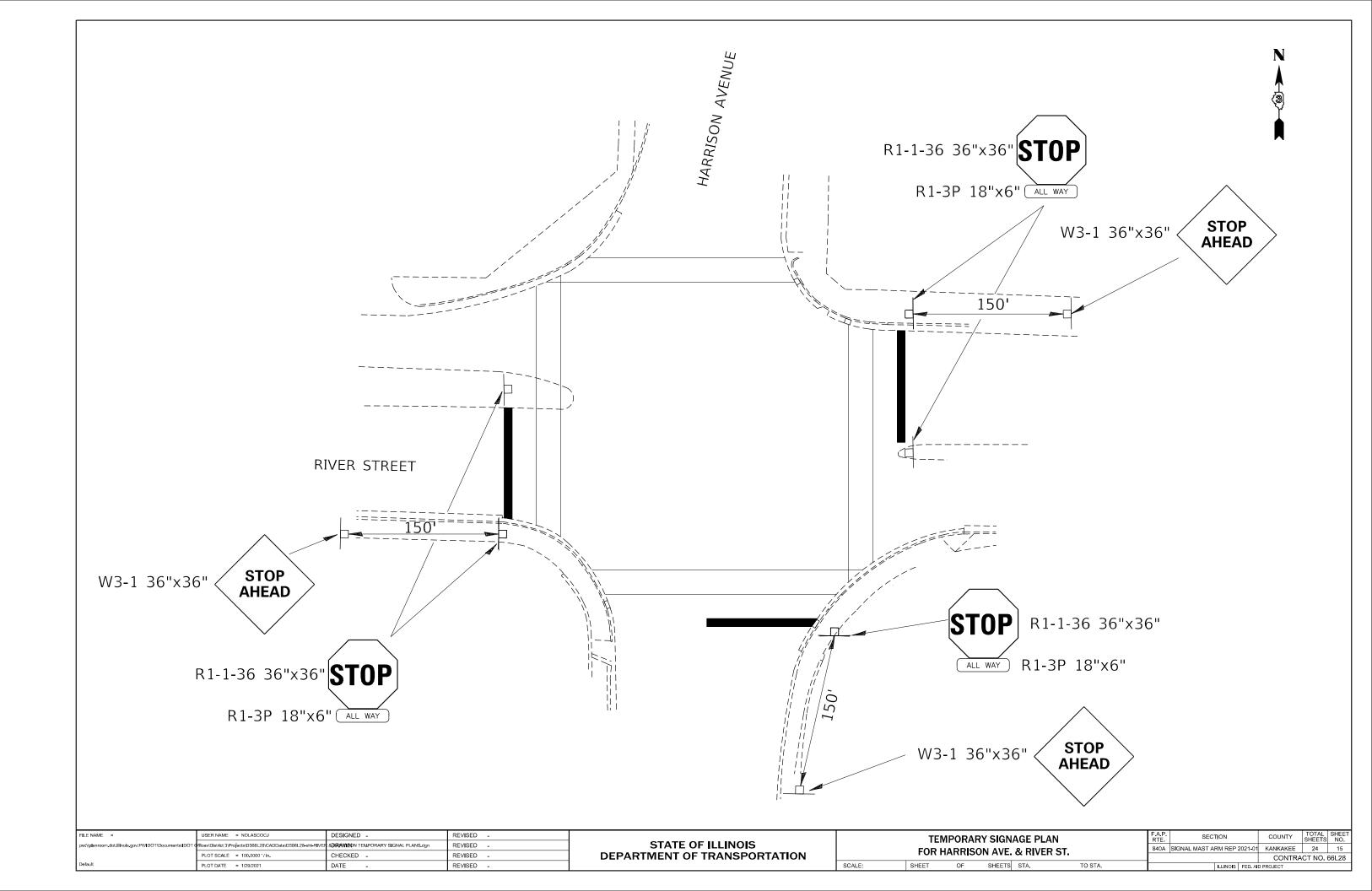
|               | EXIST. HANDHOLE                                   |
|---------------|---|
| $\bowtie$     | EXIST. CONTROLLER                                 |
| 0             | EXIST. STEEL MAST ARM                             |
| <b>©</b>      | EXIST. PEDESTRIAN PUSHBUTTON DETECTOR             |
| $\rightarrow$ | EXIST. SIGNAL HEAD                                |
| +>            | EXIST. SIGNAL HEAD WITH BACKPLATE                 |
| -0            | EXIST. SIGNAL HEAD, PEDESTRIAN                    |
| $\circ$       | EXIST, SIGNAL POST                                |
| $\otimes$     | EXIST. WOOD POLE                                  |
|               | CONDUIT   |
|               | PROPOSED CONCRETE SURFACE REMOVAL AND REPLACEMENT |
|               | PROP. HANDHOLE                                    |
|               | PROP. CONTROLLER                                  |
| •             | PROP. STEEL MAST ARM                              |
| •             | PROP. PEDESTRIAN PUSHBUTTON DETECTOR              |
| -             | PROP. SIGNAL HEAD                                 |
| +             | PROP. SIGNAL HEAD WITH BACKPLATE                  |
| 4             | PROP. SIGNAL HEAD, PEDESTRIAN                     |
| •             | PROP. SIGNAL POST                                 |
|               | PROP. WOOD POLE                                   |
|               |   |

# BILL OF MATERIALS NB IL 50 (HARRISON) AT RIVER ST - NW QUADRANT

| PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                           | SQ FT | 75   |
|--|-------|------|
| SIDEWALK REMOVAL   | SQ FT | 75   |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.                           | EACH  | 1    |
| REMOVE EXISTING CONCRETE FOUNDATION                                | EACH  | 1    |
| UNDERGROUND CONDUIT, PVC, 3" DIA.                                  | FOOT  | 18   |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                              | FOOT  | 15   |
| DRILL EXISTING HANDHOLE  | EACH  | 3    |
| PEDESTRIAN PUSH-BUTTON POST, TYPE I                                | EACH  | 2    |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED              | EACH  | 2    |
| PEDESTRIAN SIGNAL HEAD, LED. 1-FACE, BRACKET MOUNTED               | EACH  | 2    |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 0.25 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 0.25 |
| ELECTRIC CABLE IN CONDUIT, S'GNAL NO. 14 2C                        | FOOT  | 402  |
| ELECTRIC CABLE IN CONDUIT, SGNAL NO. 14 3C                         | FOOT  | 416  |
| ELECTRIC CABLE IN CONDUIT, S'GNAL NO. 14 5C                        | FOOT  | 463  |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C                        | FOOT  | 0    |
| REMOVE ELECTRIC CABLE FROM CONDUIT                                 | FOOT  | 1281 |
| PEDESTRIAN PUSH-BUTTON   | EACH  | 2    |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 384  |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC                 | EACH  | 2    |
| CONCRETE FOUNDATION, TYPE £ 30-INCH DIAMETER                       | FOOT  | 11   |
| TEMPORARY SIGNING  | EACH  | 5    |
| INSTALL SIGN PANEL - TYPE 2  | SQ FT | 12.5 |

| FILE NAME =  | USER NAME = NOLASCOCJ  | DESIGNED -                        | REVISED - |                              | N.W. QUADRANT OF HARRISON AVE. & RIVER ST. |       | F.A.P. | SECTION    |                | COUNTY    | TOTAL SHEETS | SHEET    |             |        |  |  |
|--|--|-----------------------------------|-----------|------------------------------|--|-------|--------|------------|----------------|-----------|--------------|----------|-------------|--------|--|--|
| pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT | Offices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVE | P. & DRAMISON PROPSIGNAL PLAN.dgn | REVISED - | STATE OF ILLINOIS            | PROPOSED TRAFFIC PLAN                      |       |        | 840A SIGNA | L MAST ARM REP | 2021-01 F | KANKAKEE     | 24       | 13          |        |  |  |
|  | PLOT SCALE = 100.0000'/in.                                   | CHECKED -                         | REVISED - | DEPARTMENT OF TRANSPORTATION |  |       |        |            |                |           | CONTRA       | CT NO. 6 | 6L28        |        |  |  |
| Default  | PLOT DATE = 1/29/2021  | DATE -                            | REVISED - |                              | SCALE:                                     | SHEET | OF     | SHEETS     | STA.           | TO STA.   |              | ILLINOIS | FED. AID PF | ROJECT |  |  |





| SIGN RE   | MOVAL AN  | ID REPLAC | EMENT SCH | <br>EDULE             |                       |                                       |
|---|-----------|-----------|-----------|-----------------------|-----------------------|---------------------------------------|
| LOCATION/TYPE                                   | SIZE      | QUANTITY  | REMOVE    | SIGN PANEL<br>TYPLE 1 | SIGN PANEL<br>TYPLE 2 | REMOVE AND<br>REINSTALL<br>SIGN PANEL |
|   | INCHES    | EACH      | SQ.FT.    | SQ.FT.                | SQ.FT.                | SQ.FT.                                |
| HARRISON AVE & STATION ST.                      |           |           |           |                       |                       |                                       |
| NORTHBOUND MAST ARM                             |           |           |           |                       |                       |                                       |
| STATION AVE STREET NAME                         | 48" × 18" | 1         | 6.0       |                       |                       |                                       |
| STATION AVE STREET NAME                         | 60" x 18" | 1         | 0.0       | 7.5                   |                       |                                       |
|   |           |           |           |                       |                       |                                       |
| WESTBOUND MAST ARM                              |           |           |           |                       |                       |                                       |
| HARRISON AVE STREET NAME                        | 48" x 18" | 1         | 6.0       |                       |                       |                                       |
| HARRISON AVE / ILLINOIS 50                      | 60" x 30" | 1         |           |                       | 12.5                  |                                       |
|   |           |           |           |                       |                       |                                       |
| EASTBOUND MAST ARM                              |           |           |           |                       |                       |                                       |
| HARRISON AVE STREET NAME                        | 48" x 18" | 1         | 6.0       |                       |                       |                                       |
| HARRISON AVE / ILLINOIS 50                      | 60" x 30" | 1         |           |                       | 12.5                  |                                       |
| N.E. OUADRANT ON PED. POLE                      |           |           |           |                       |                       |                                       |
| ONE WAY   | 30"x 36"  | 1         | 7.5       | 7.5                   |                       |                                       |
| 0112 11711                                      | 30 X 30   | -         | ,.,       | , 13                  |                       |                                       |
| S.W. QUADRANT ON PED. POLE                      |           |           |           |                       |                       |                                       |
| ONE WAY   | 30"x 36"  | 1         | 7.5       | 7.5                   |                       |                                       |
|   |           |           |           |                       |                       |                                       |
| HARRISON AVE & RIVER ST.                        |           |           |           |                       |                       |                                       |
| NORTHBOUND MAST ARM                             |           |           |           |                       |                       |                                       |
| RIVER ST. STREET NAME                           | 48" × 18" | 1         | 6.0       | 6.0                   |                       |                                       |
| WESTBOUND MAST ARM                              |           |           |           |                       |                       |                                       |
| HARRISON AVE STREET NAME                        | 48"× 18"  | 1         | 6.0       |                       |                       |                                       |
| HARRISON AVE / ILLINOIS 50                      | 60" × 30" | 1         | 0.0       |                       | 12.5                  |                                       |
| TARRESON AVE / TEETNOTS SO                      | 00 %      |           |           |                       | 12.3                  |                                       |
| EASTBOUND MAST ARM                              |           |           |           |                       |                       |                                       |
| HARRISON AVE STREET NAME                        | 48"× 18"  | 1         | 6.0       |                       |                       |                                       |
| HARRISON AVE / ILLINOIS 50                      | 60" x 30" | 1         |           |                       | 12.5                  |                                       |
|   | <u> </u>  | <u> </u>  |           |                       |                       |                                       |
| EASTBOUND MAST ARM ON POLE                      |           |           |           |                       |                       |                                       |
| GENERAL SERVICE SIGN MB-1                       | 36"x 36"  | 1         |           |                       |                       | 9.0                                   |
| FACTROUND MACT ARM ON BOLE                      |           |           |           |                       |                       |                                       |
| EASTBOUND MAST ARM ON POLE GENERAL SERVICE SIGN |           |           |           |                       |                       |                                       |
| (WRIGHT HOUSE SIGN)                             | 36"× 36"  | 1         |           |                       |                       | 9.0                                   |
|   |           |           |           |                       |                       |                                       |
| ТОТ   | AL        |           | 45.0      | 28.5                  | 50.0                  | 18.0                                  |



FOUR SIGNS REQUIRED - 12.5 SQ FT EACH TOP UPPER CASE/LOWER CASE LETTERING, 8" BOTTOM UPPER CASE/LOWER CASE LETTERING, 6" TYPE ZZ SHEETING



R10-3E 9" x 15"

8 REQUIRED LEFT ARROW

R10-3E 9" x 15" 8 REQUIRED RIGHT ARROW





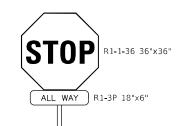
R10-12 24" X 30" SIGNS REQUIRED - 5 SO. F1

TYPE AP SHEETING REQUIRED

6 SIGNS REQUIRED - 5 SO. FT. EACH 5 SO. FT. EACH ONE WAY

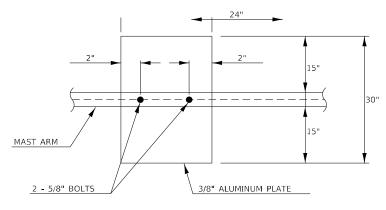
R6-2L 30" X 36" 2 SIGNS REQUIRED - 7.5 SO. FT.

2 SIGNS REOUIRED - 7.5 SO. FT. EACH 7.5 SO. FT. EACH TYPE AP SHEETING REOUIRED



| MAST ARM REMOVAL AND REPLACEMENT SCHEDULE |                       |                     |                        |                    |                       |                      |  |  |  |  |
|---|-----------------------|---------------------|------------------------|--------------------|-----------------------|----------------------|--|--|--|--|
| LOCATION                                  | MAST<br>ARM<br>LENGTH | FOUNDATION<br>DEPTH | FOUNDATION<br>DIAMETER | SPIRAL<br>DIAMETER | QUANTITY OF<br>REBARS | SIZE<br>OF<br>REBARS |  |  |  |  |
| HARRISON AVE & STATION ST.                |                       |                     |                        |                    |                       |                      |  |  |  |  |
| NORTHBOUND MAST ARM                       | 32'                   | 11'                 | 36"                    | 30"                | 12                    | 7                    |  |  |  |  |
| WESTBOUND MAST ARM                        | 24'                   | 10'                 | 30"                    | 24"                | 8                     | 6                    |  |  |  |  |
| EASTBOUND MAST ARM                        | 24'                   | 10'                 | 30"                    | 24"                | 8                     | 6                    |  |  |  |  |
|   |                       |                     |                        |                    |                       |                      |  |  |  |  |
| HARRISON AVE & RIVER ST.                  |                       |                     |                        |                    |                       |                      |  |  |  |  |
| NORTHBOUND MAST ARM                       | 26'                   | 12'                 | 30"                    | 24"                | 8                     | 6                    |  |  |  |  |
| WESTBOUND MAST ARM                        | 26'                   | 12'                 | 30"                    | 24"                | 8                     | 6                    |  |  |  |  |
| EASTBOUND MAST ARM                        | 26'                   | 9'                  | 30"                    | 24"                | 8                     | 6                    |  |  |  |  |
|   |                       |                     |                        |                    |                       |                      |  |  |  |  |

| TEMPORARY SIGNAGE SCHEDULE |                                  |                                  |                                     |  |  |  |  |  |  |  |
|----------------------------|----------------------------------|----------------------------------|-------------------------------------|--|--|--|--|--|--|--|
| LOCATION                   | STOP SIGN<br>R1-1-36<br>36"x 36" | ALL WAY SIGN<br>R1-3P<br>18"x 6" | STOP AHEAD SIGN<br>W3-1<br>36"x 36" |  |  |  |  |  |  |  |
|                            |                                  |                                  |                                     |  |  |  |  |  |  |  |
| HARRISON AVE & STATION ST. |                                  |                                  |                                     |  |  |  |  |  |  |  |
| NORTHBOUND                 | 1                                | 1                                | 1                                   |  |  |  |  |  |  |  |
| WESTBOUND                  | 2                                | 2                                | 1                                   |  |  |  |  |  |  |  |
| EASTBOUND                  | 2                                | 2 2                              |                                     |  |  |  |  |  |  |  |
|                            |                                  |                                  |                                     |  |  |  |  |  |  |  |
| HARRISON AVE & RIVER ST.   |                                  |                                  |                                     |  |  |  |  |  |  |  |
| NORTHBOUND                 | 1                                | 1                                | 1                                   |  |  |  |  |  |  |  |
| WESTBOUND                  | 2                                | 2                                | 1                                   |  |  |  |  |  |  |  |
| EASTBOUND                  | 2                                | 2                                | 1                                   |  |  |  |  |  |  |  |
|                            |                                  |                                  |                                     |  |  |  |  |  |  |  |
| TOTAL                      | 10                               | 10                               | 6                                   |  |  |  |  |  |  |  |



DAMPENING PLATE DETAIL (NTS)
(TOP VIEW) INCIDENTAL TO MAST ARM QTY

SCALE:

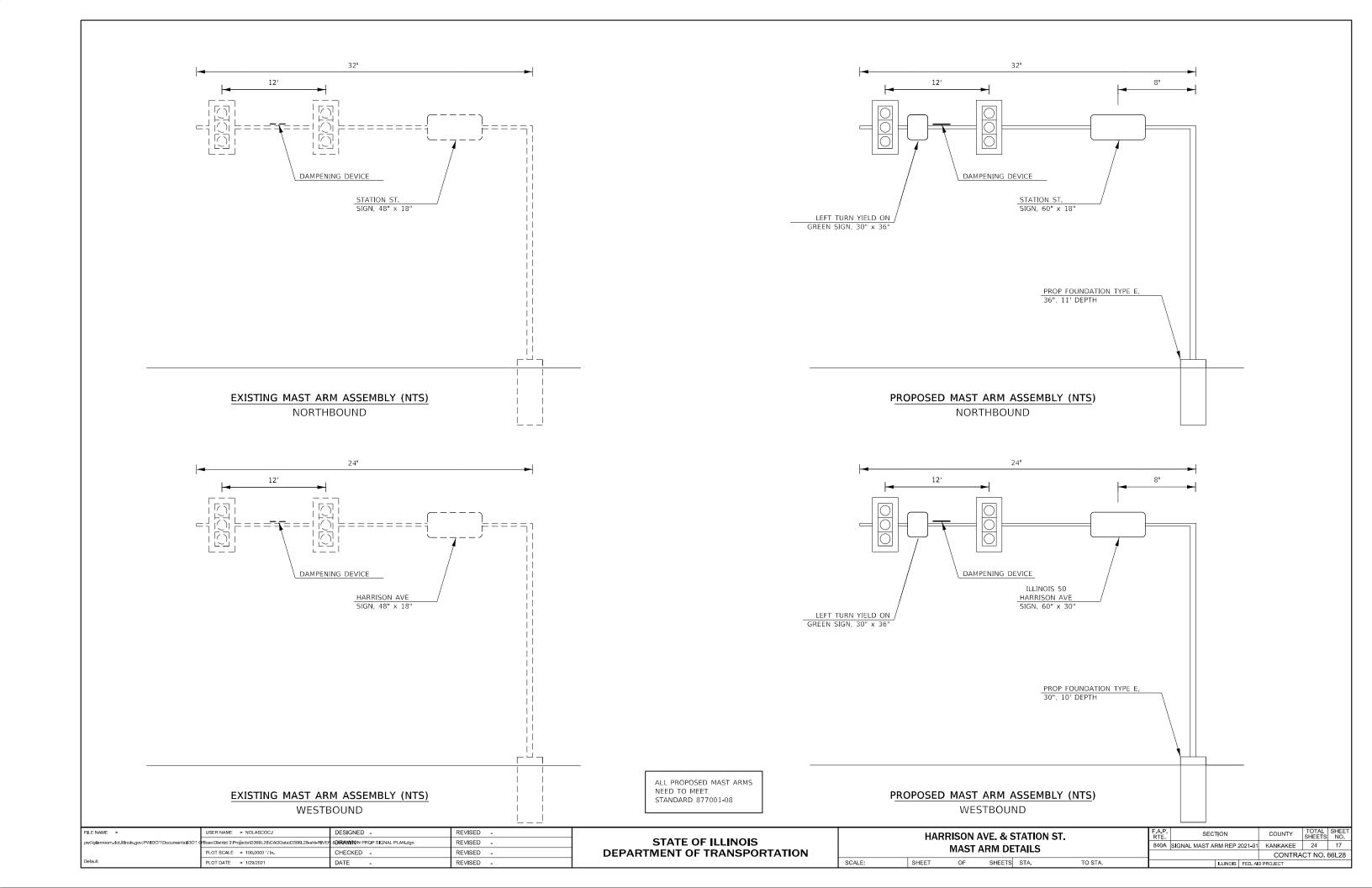
NOTES: ENGINEER SHALL FIELD DETERMINE EXACT LOCATION OF TEMPORARY SIGNAGE PLACEMENT PRIOR TO SIGN PANEL REMOVAL.

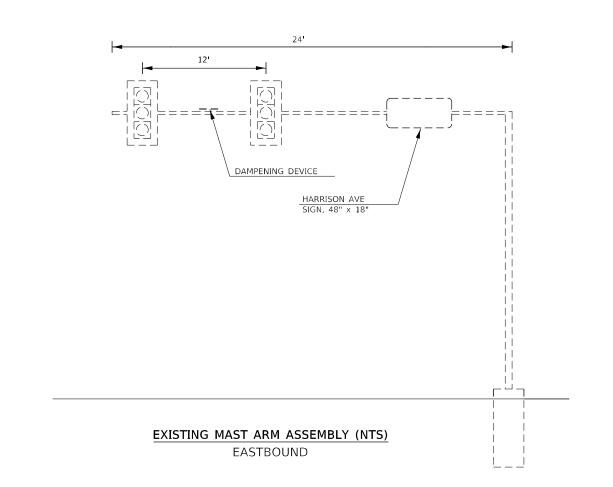
EACH COMPLETE SIGN POST SHALL INCLUDE THE SIGN PANELS AS SHOWN. PAYMENT FOR TEMPORARY SIGNAGE SHALL BE FOR EACH COMPLETE SIGN POST.

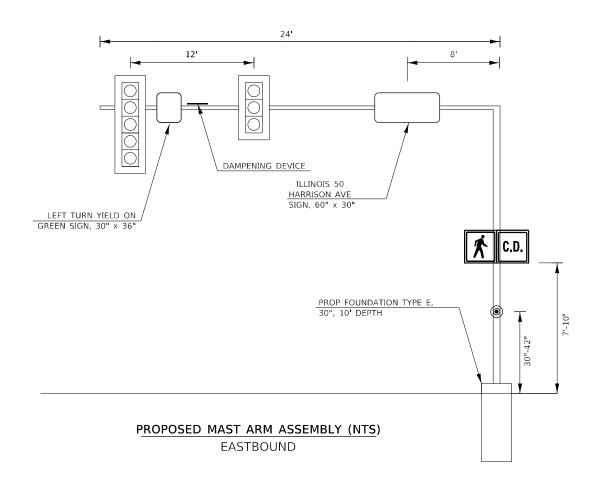
| FIL | E NAME =  | USER NAME = NOLASCOCJ  | DESIGNED -  | REVISED - |
|-----|---|--|---|-----------|
| pw: | :\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT | ffices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVEF | & <b>DFRAMIS</b> ФN PRQP S <b>I</b> GNAL PLAN.dgn | REVISED - |
|     |   | PLOT SCALE = 100.0000 '/in.                                  | CHECKED -   | REVISED - |
| Del | fault   | PLOT DATE = 1/29/2021  | DATE -  | REVISED - |

| STATE OF ILLINOIS            |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| OION 6 |      |                | ID DETAIL O | F.A.P.<br>RTE. | SEC-     | TION |    | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
|--------|------|----------------|-------------|----------------|----------|------|----|--------|-----------------|--------------|
| SIGNS  | 840A | SIGNAL MAST AF | RM REP      | 2021-01        | KANKAKEE | 24   | 16 |        |                 |              |
|        |      |                |             |                |          |      |    | CONTRA | CT NO.          | 36L28        |
| SHEET  | OF   | SHEETS         | STA.        | TO STA.        |          |      |    |        |                 |              |

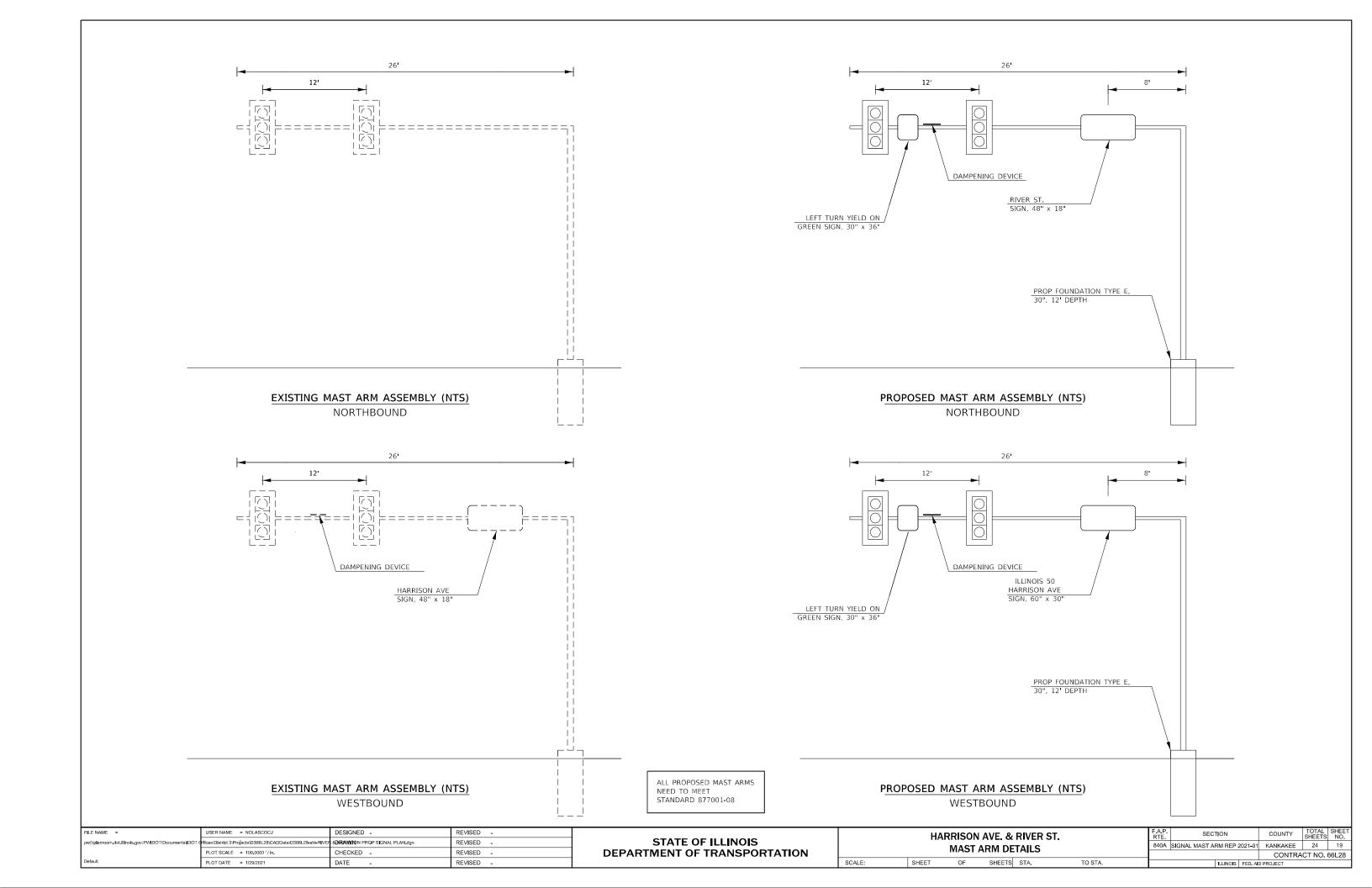


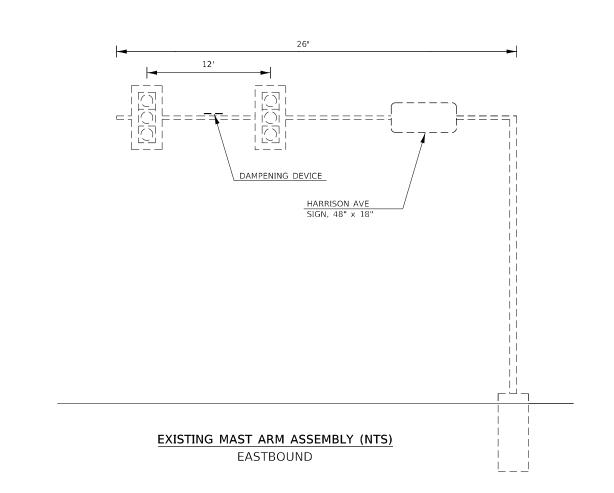


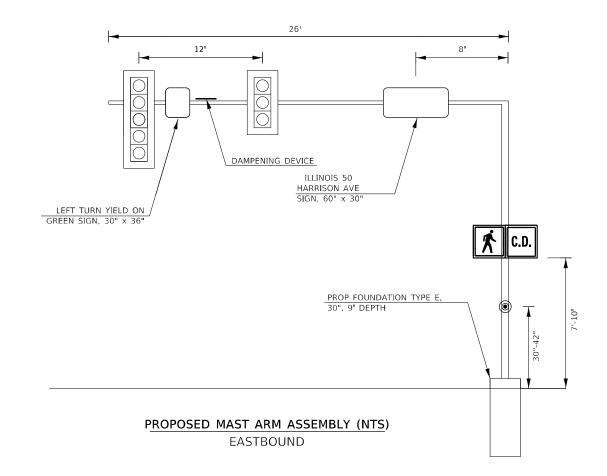


ALL PROPOSED MAST ARMS NEED TO MEET STANDARD 877001-08

|                | FILE NAME =  | USER NAME = NOLASCOCJ                                       | DESIGNED -  | REVISED - |                              |                                     | HAR                  | RISON / | \\F & \ | STATION ST | 7 | F.A.P             | SECTION                     | COUNTY          | TOTAL   | SHEET |
|----------------|--|---|---|-----------|------------------------------|-------------------------------------|----------------------|---------|---------|------------|---|-------------------|-----------------------------|-----------------|---------|-------|
|                | pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT ( | ffices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVE | R & <b>DFRANMS</b> ФN PRQP S <b>I</b> GNAL PLAN.dgn | REVISED - | STATE OF ILLINOIS            | MAST ARM DETAILS                    |                      |         |         |            |   |                   | SIGNAL MAST ARM REP 2021-01 | 021-01 KANKAKEE |         | 18    |
|                |  | PLOT SCALE = 100.0000 '/in.                                 | CHECKED -   | REVISED - | DEPARTMENT OF TRANSPORTATION |                                     | IVIAST ARIVI DETAILS |         |         |            | - |                   |                             | CONTRA          | ACT NO. | 66L28 |
| Default PLOT D |  | PLOT DATE = 1/29/2021                                       | DATE -  | REVISED - |                              | SCALE: SHEET OF SHEETS STA. TO STA. |                      |         |         | TO STA.    |   | ILLINOIS FED. AID |                             |                 |         |       |







ALL PROPOSED MAST ARMS NEED TO MEET STANDARD 877001-08

| FILE N  | NAME =  | USER NAME = NOLASCOCJ  | DESIGNED -                                   | REVISED - |                              |                  | НΔΙ   | RRISON | AVE. & RIVER ST |                         | F.A.P.                      | SECTION          | COUNTY    | TOTAL S     | SHEET                                 |
|---------|---|--|--|-----------|------------------------------|------------------|-------|--------|-----------------|-------------------------|-----------------------------|------------------|-----------|-------------|---------------------------------------|
| pw:\\pl | olanroom.dot.illinois.gov:PWIDOT\Documents\IDOT | Offices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVE | F. & <b>DFRAMIS</b> ION PROP SIGNAL PLAN.dgn | REVISED - | STATE OF ILLINOIS            |                  |       |        |                 | 840A SIGNAL MAST ARM RI | SIGNAL MAST ARM REP 2021-01 | KANKAKEE         | 24        | 20          |                                       |
|         |   | PLOT SCALE = 100.0000'/in.                                   | CHECKED -                                    | REVISED - | DEPARTMENT OF TRANSPORTATION | MAST ARM DETAILS |       |        |                 |                         |                             |                  |           | RACT NO. 66 | ـــــــــــــــــــــــــــــــــــــ |
| Default | ılt   | PLOT DATE = 1/29/2021  | DATE -                                       | REVISED - |                              | SCALE:           | SHEET | OF     | SHEETS STA.     | TO STA.                 |                             | ILLINOIS FED. AI | D PROJECT |             |                                       |

| (V) | Illinois Department of Transportation |
|-----|---------------------------------------|
|     | Division of Highways                  |

Page <u>1</u> of <u>1</u>

| Division of Highways  |                      |             |                            |                       |   |                              | Date      | 8/29/91 |
|---|----------------------|-------------|----------------------------|-----------------------|---|------------------------------|-----------|---------|
| ROUTE IL 50   | DESCR                | IPTION      | Tra                        | affic Sig             | nals at IL 50 SB (Rive<br>(Harrison Ave)  | er St) & IL 50 NB            | LOGGED BY |         |
| SECTION   |                      | LOCAT       | TION                       | NW 1/                 | 4, SEC. 5, TWP. 30N,  | RNG. 13W, 2 <sup>nd</sup> PM | ,         |         |
| COUNTY Kankakee DF  | RILLING ME           | THOD        |                            |                       | de , Longitude<br>Auger   | HAMMER TYPE                  | <b>=</b>  |         |
| STRUCT. NO  | —   E<br>P<br>T<br>H | o<br>W<br>S | U<br>C<br>S<br>Qu<br>(tsf) | M<br>O<br>I<br>S<br>T | Surface Water Elev. Stream Bed Elev.  Groundwater Elev.: First Encounter Upon Completion After Hrs. | ft                           |           |         |
| Brown Sandy Loam to Brown Till  |                      |             |                            |                       |   |                              |           |         |
| Buff Colored Limestone Material  Auger Stopped with Spade Bit End of Boring |                      |             |                            |                       |   |                              |           |         |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



# **SOIL BORING LOG**

Page <u>1</u> of <u>1</u>

Date 8/29/91

| IDOT   |      |            |                       | _                          | rr 0:                        | 1 III 50 0D (D)  | 00 0 0 50 10                 | Date0/29/91_ |
|--|------|------------|-----------------------|----------------------------|------------------------------|--|------------------------------|--------------|
| ROUTE IL 50  | DE   | SCR        | PTION                 | I ra                       | TIC SIG                      | nals at IL 50 SB (Rive<br>(Harrison Ave)   | rSt) & IL 50 NB              | LOGGED BY    |
| SECTION  |      | _ 1        | OCAT                  | ION                        | NW 1                         | 4, SEC. 5, TWP. 30N, lide , Longitude  | RNG. 13W, 2 <sup>nd</sup> PN | l,           |
| COUNTY Kankakee DRIL   | LING | ME         | THOD                  |                            |                              |  | _ HAMMER TYP                 | E            |
| STRUCT. NO   | -    | DEPTH (ft) | B<br>L<br>O<br>W<br>S | U<br>C<br>S<br>Qu<br>(tsf) | M<br>O<br>I<br>S<br>T<br>(%) | Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs. | ft                           |              |
| Sidewalk ,   |      |            |                       |                            |                              |  |                              |              |
| Brown Silty Loam   |      |            |                       | 1.0                        | 22                           |  |                              |              |
| Brown Dry Blocky (Broken in<br>Pieces) Silty Clay Loam Till? |      | _          |                       | LP.                        | 25                           |  |                              |              |
| Augered Yellow Brown Weathered                               |      |            |                       | 4.5                        | 27                           |  |                              |              |
| Limestone Till Mix   |      |            |                       | P                          |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | -5         |                       |                            |                              |  |                              |              |
| Weathered Top Limestone                                      |      |            |                       |                            |                              |  |                              |              |
| Stop Auger (Spade Bit)                                       |      | _          |                       |                            |                              |  |                              |              |
| End of Boring  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      | _          | 1                     |                            |                              |  |                              |              |
|  |      | _          | 1                     |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | -10        |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      | -15        |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | -10        |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |
|  |      | _          |                       |                            |                              |  |                              |              |
|  |      |            |                       |                            |                              |  |                              |              |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

| FILE NAME =  | USER NAME = NOLASCOCJ  | DESIGNED - | REVISED - |                              | HARRISON AVE, & RIVER ST. |       |    |        |      |         | F.A.P. | SECTION                     | COUNTY        | TOTAL SHEET |
|--|--|------------|-----------|------------------------------|---------------------------|-------|----|--------|------|---------|--------|-----------------------------|---------------|-------------|
| pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT | ctiplanroom.dot.lillnois.gov:PWIDOTiDocumentsVIDOT offices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVEP & BRAVISON PROP SIGNAL PLAN.dgn |            |           | STATE OF ILLINOIS            |                           | 117   |    |        |      |         | 840A   | SIGNAL MAST ARM REP 2021-01 | KANKAKEE      | 24 21       |
|  | PLOT SCALE = 100.0000 '/ in.   | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION | SOIL BORING LOG           |       |    |        |      |         |        | CONTR                       | ACT NO. 66L28 |             |
| Default  | PLOT DATE = 1/29/2021  | DATE -     | REVISED - |                              | SCALE:                    | SHEET | OF | SHEETS | STA. | TO STA. |        | ILLINOIS FED. AIC           | PROJECT       |             |

Page <u>1</u> of <u>1</u>

| DOT IDOT  |           |             |             |                       | Date 9/19/90  |
|---|-----------|-------------|-------------|-----------------------|---|
| ROUTE IL 50 (Harrison Ave)                        | DESC      | RIPTION     | N           | L 50 N                | IB (Harrison Ave) & Station Street in<br>Kankakee LOGGED BY         |
| SECTION   |           | LOCA        | TION _      | NW 1                  | /4, SEC. 5, TWP. 30N, RNG. 13W, 2 <sup>nd</sup> PM, Ide , Longitude |
| COUNTY Kankakee DR                                | RILLING M | ETHOD       |             | Latito                | Push HAMMER TYPE  |
| STRUCT. NO  | -   F     | L<br>O<br>W | U<br>C<br>S | M<br>O<br>I<br>S<br>T | Surface Water Elev ft Stream Bed Elev ft Groundwater Elev.:         |
| Station Offset Ground Surface Elev                | -         | t) (/6")    |             | (%)                   | First Encounter ft Upon Completion ft After Hrs. ft                 |
| Dark Brown Dry Crumbly Silty<br>Clay Loam To Loam |           | 1           |             |                       |   |
|   |           |             |             |                       |   |
|   | _         |             |             | 7                     |   |
|   | _         | $\perp$     |             |                       |   |
|   | _         | 7           |             |                       |   |
|   |           | -5          | 0.7<br>\ P  | 23                    |   |
| Light Brown Well Graded Sand                      |           |             | ட           |                       |   |
| Brown Sand and Fine Gravel                        |           |             |             | 7                     |   |
| Silty Clay Till & Gravel Mix                      |           | 1           |             | 16                    |   |
| Sitty Clay Till & Graver With                     | -         |             | 1.0         | 19                    |   |
|   | ·—        | _           |             |                       |   |
|   |           | 10          | 2.5         | 21                    |   |
| Push Refusal at 10.5'<br>End of Boring            |           | 4           | P           |                       |   |
|   | _         |             |             |                       |   |
|   |           |             |             |                       |   |
|   | ,         |             |             |                       |   |
| 5   |           | 15          |             |                       |   |
| e f   |           |             |             |                       |   |
|   |           |             |             |                       |   |
| Push Refusal at 10.5' End of Boring               |           | $\dashv$    |             |                       |   |
| 3   | _         | 7           |             |                       |   |
| 2   |           | =           |             |                       |   |
|   | 3         |             |             |                       |   |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



# **SOIL BORING LOG**

Page <u>1</u> of <u>1</u>

IL 50 NB (Harrison Ave) & Station Street in

Date 9/19/90

| ROUTE IL 50 (Harrison Ave)                                   | DESC   | RIPTION               | ·'                         | L 50 N                | B (Harrison Ave) & Station<br>Kankakee  | LOGGED BY                  |
|--|--------|-----------------------|----------------------------|-----------------------|---|----------------------------|
| SECTION  |        | LOCAT                 | ION _                      | NW 1/                 | 4, SEC. 5, TWP. 30N, RNG.<br>de , Longitude   | . 13W, 2 <sup>nd</sup> PM, |
| COUNTY Kankakee DRII   | LING M | METHOD                |                            |                       |   | AMMER TYPE                 |
| STRUCT. NO   | -   F  | L<br>O<br>W<br>H<br>S | U<br>C<br>S<br>Qu<br>(tsf) | M<br>O<br>I<br>S<br>T | Surface Water Elev. Stream Bed Elev.  Groundwater Elev.: First Encounter Upon Completion After Hrs. | ft                         |
| Dry Crumbly Brown Loam                                       |        |                       |                            |                       | 1000  |                            |
| Brown, Yellow / Brown, Gray Silty<br>Clay Loam to Silty Loam |        | -5                    | 0.7-2.5<br>P               |                       |   |                            |
| Brown Till / Gravel Mix Push Refusal at 10.5'                |        | 10                    | 3.5<br>P                   | 14                    |   |                            |
| Push Refusal at 10.5° End of Boring                          |        | 155                   |                            |                       |   |                            |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

| FILE NAME =   | USER NAME = NOLASCOCJ   | DESIGNED - | REVISED -  |                              |           | НД                | RRISON | ۵VF & ۹ | STATION                         | ST      | FAP           | SECTIO   | ON            | COUNTY    | TOTAL  | SHEE  |
|---|---|------------|--|------------------------------|-----------|-------------------|--------|---------|---------------------------------|---------|---------------|----------|---------------|-----------|--------|-------|
| pw:\\planroom.dot.illlinois.gov:PWIDOT\Documents\IDOT | nts/IDOT Offices/District 3/Projects/D366L28/CADData/D366L28-sht-RIVEF & DRAMSON PROP SIGNAL PLAN.dgn |            | ffices\District 3\Projects\D366L28\CADData\D366L28-sht-RIVER & PRAMISON PROP SIGNAL PLAN.dgn |                              | REVISED - | STATE OF ILLINOIS |        | I I A   | 840A SIGNAL MAST ARM REP 2021-0 |         | 1 REP 2021-01 | KANKAKEE | 24            | 22        |        |       |
|   | PLOT SCALE = 100.0000 '/in.   | CHECKED -  | REVISED -  | DEPARTMENT OF TRANSPORTATION |           | SOIL BORING LOG   |        |         |                                 |         |               |          |               | CONTRA    | CT NO. | ∂6L28 |
| Default   | PLOT DATE = 1/29/2021   | DATE -     | REVISED -  |                              | SCALE:    | SHEET             | OF     | SHEETS  | STA.                            | TO STA. |               | IL       | LINOIS FED. A | D PROJECT |        |       |

| (P) | Illinois Department of Transportation |
|-----|---------------------------------------|
|     | Division of Highways                  |

Page <u>1</u> of <u>1</u>

| Division of Highways                           | atioi   | •       |             |             | DOM:   |                          | Date | 9/19/90 |
|--|---------|---------|-------------|-------------|--|--------------------------|------|---------|
| ROUTE IL 50 (Harrison Ave)                     | DESCR   | RIPTION | N           | IL 50 N     | B (Harrison Ave) & Station S<br>Kankakee           | Street in                |      |         |
| SECTION  |         | LOCAT   | TION        | NW 1/       | 4, SEC. 5, TWP. 30N, RNG.                          | 13W, 2 <sup>nd</sup> PM, |      |         |
| COUNTY Kankakee DRIL                           | LING ME | THOD    |             |             | de , Longitude<br>Push HA                          | AMMER TYPE               |      |         |
| STRUCT. NO                                     | P       | L       | U<br>C<br>S | M<br>O<br>I | Surface Water Elev<br>Stream Bed Elev              | ft ft                    |      |         |
| StationOffset                                  | н       |         | Qu          | S<br>T      | Groundwater Elev.: First Encounter Upon Completion | ft                       |      |         |
| Ground Surface Elev.                           | ft (ft) | (/6**)  | (tsf)       | (%)         | After Hrs  | ft ft                    |      |         |
| 4" Concrete, Sand Bedding                      |         |         |             | 40          |  |                          |      |         |
| Dark Brown Silty Clay                          | _       |         | <0.5        | 12          |  |                          |      |         |
|  | _       | 1       | · ·         | 1           |  |                          |      |         |
| Black Silty Clay                               | _       |         | 0.7         | 38          |  |                          |      |         |
| Brown Silty Clay                               |         |         | 1.0         | 21          |  |                          |      |         |
| Diowii Siity Ciay                              | =       |         | P           |             |  |                          |      |         |
|  |         |         |             | 1           |  |                          |      |         |
| Daniel Oill                                    | -5      | _       | <0.2        | 23          |  |                          |      |         |
| Brown Silt                                     | -       |         | \ P         | 23          |  |                          |      |         |
|  | -       | 1       | <u> </u>    | 1           |  |                          |      |         |
|  |         |         |             |             |  |                          |      |         |
| Brown Silty Clay                               |         |         | 1.0         | 24          |  |                          |      |         |
| Yellow / Brown, Gray Silt                      | -       |         | 1.U         | 24          |  |                          |      |         |
|  | -       | 1       | _           | 1           |  |                          |      |         |
|  |         |         | 4.0         | 24          |  |                          |      |         |
| Brown / Gray Silty Clay Brown / Gray Fine Sand | -10     | -       | 1.2<br>P    | 21          |  |                          |      |         |
| Push Refusal at 10.5'                          |         |         |             | <u> </u>    |  |                          |      |         |
| End of Boring                                  | _       |         |             |             |  |                          |      |         |
|  | -       | -       |             |             |  |                          |      |         |
|  | _       |         |             |             |  |                          |      |         |
|  |         | 1       |             |             |  |                          |      |         |
|  |         |         |             |             |  |                          |      |         |
|  |         | -       |             |             |  |                          |      |         |
|  | 10      | ľ       |             |             |  |                          |      |         |
|  | -18     |         |             |             |  |                          |      |         |
|  | _       | 4       |             |             |  |                          |      |         |
|  | -       | -       |             |             |  |                          |      |         |
|  | _       | 1       |             |             |  |                          |      |         |
|  | _       |         |             |             |  |                          |      |         |
|  |         |         |             |             |  |                          |      |         |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

**SOIL BORING LOG** 

Page <u>1</u> of <u>1</u>

Date 9/19/90

| ROUTE IL 50 (Harrison Ave)   | DESCR       | IPTION                         | 1                          | L 50 N                       | B (Harrison Ave) & Sta<br>Kankakee   | ation Street in              | LOGGED BY |
|--|-------------|--------------------------------|----------------------------|------------------------------|--|------------------------------|-----------|
| SECTION  | 1           | LOCAT                          | ION                        | NW 1/                        | 4, SEC. 5, TWP. 30N, I   | RNG. 13W, 2 <sup>nd</sup> PM | ,         |
| COUNTY Kankakee DRILI  | LING ME     | THOD                           |                            | Hol                          | low Stem Auger   | HAMMER TYPE                  | E         |
| STRUCT. NO   | P<br>T<br>H | B<br>L<br>O<br>W<br>S<br>(/6") | U<br>C<br>S<br>Qu<br>(tsf) | M<br>O<br>I<br>S<br>T<br>(%) | Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs. | ft                           |           |
| Brown Sandy Loam to Sand  Top of Limestone - Auger Refusal End of Boring |             |                                |                            |                              |  |                              |           |
| OL BORING IL SI NB (PARKISUN AVE.) & SI ALION SI REE.                    |             |                                |                            |                              |  |                              |           |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

|                              | DESIGNED - REVISED - |  |
|------------------------------|----------------------|--|
| - STATE OF ILLINOIS          | DRAWN - REVISED -    |  |
| DEPARTMENT OF TRANSPORTATION | CHECKED - REVISED -  |  |
| -                            | DATE - REVISED -     |  |

| HARE  | RISON A | VE. & S | TATIO | N ST.   | F.A.P.<br>RTE | SECTION               |         | COUNTY   | TOTAL<br>SHEETS | SHEE<br>NO. |
|-------|---------|---------|-------|---------|---------------|-----------------------|---------|----------|-----------------|-------------|
|       | SOILE   | BORING  | LOG   |         | 840A          | SIGNAL MAST ARM REP 2 | 021-01  | KANKAKEE | 24              | 23          |
|       | JOIL    | JONING  | LOG   |         |               |                       |         | CONTRA   | CT NO.          | 66L28       |
| SHEET | OF      | SHEETS  | STA.  | TO STA. |               | ILLINOIS              | EED AID | PROJECT  |                 |             |



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|   | Date      | 9/19/90 |
|---|-----------|---------|
| IL 50 NB (Harrison Ave) & Station Street in |           |         |
| Kankakee                                    | LOGGED BY |         |

ROUTE IL 50 (Harrison Ave) DESCRIPTION LOCATION NW 1/4, SEC. 5, TWP. 30N, RNG. 13W, 2<sup>nd</sup> PM, Latitude , Longitude Hollow Stem Auger COUNTY Kankakee DRILLING METHOD HAMMER TYPE STRUCT. NO. Surface Water Elev. L O W S c Stream Bed Elev. Qu T BORING NO. 5 (N.E. Quad.) Groundwater Elev.: Station \_\_ First Encounter Upon Completion
After \_\_\_\_ Hrs. Offset ft (ft) (/6") (tsf) (%) Ground Surface Elev. Augered Sample Limestone - Auger Refusal End of Boring -15

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

|  | DESIGNED - | REVISED - | l |
|--|------------|-----------|---|
|  | DRAWN -    | REVISED - |   |
|  | CHECKED -  | REVISED - |   |
|  | DATE -     | REVISED - |   |
|  |            |           |   |

| STATE OF ILLINOIS            |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| HAF   | RRISON A | VE. & S | TATION | ST.    | F.A.P.<br>RTE | SECT           | ION   |
|-------|----------|---------|--------|--------|---------------|----------------|-------|
|       | SOIL     | BORING  | LOG    |        | 840A          | SIGNAL MAST AF | M REF |
|       | JOIL     | BOILING | LOG    |        |               |                |       |
| CHEET | OF       | опесто  | CTA    | ATS OT |               |                |       |

| RTE. | SEC.          | TION     |                         | COUNTY   | SHEETS | NO.   |  |  |
|------|---------------|----------|-------------------------|----------|--------|-------|--|--|
| 840A | SIGNAL MAST A | RM REP   | 2021 <b>-</b> 01        | KANKAKEE | 24     | 24    |  |  |
|      |               |          |                         | CONTRA   | CT NO. | 66L28 |  |  |
|      |               | ILLINOIS | LINOIS FED. AID PROJECT |          |        |       |  |  |