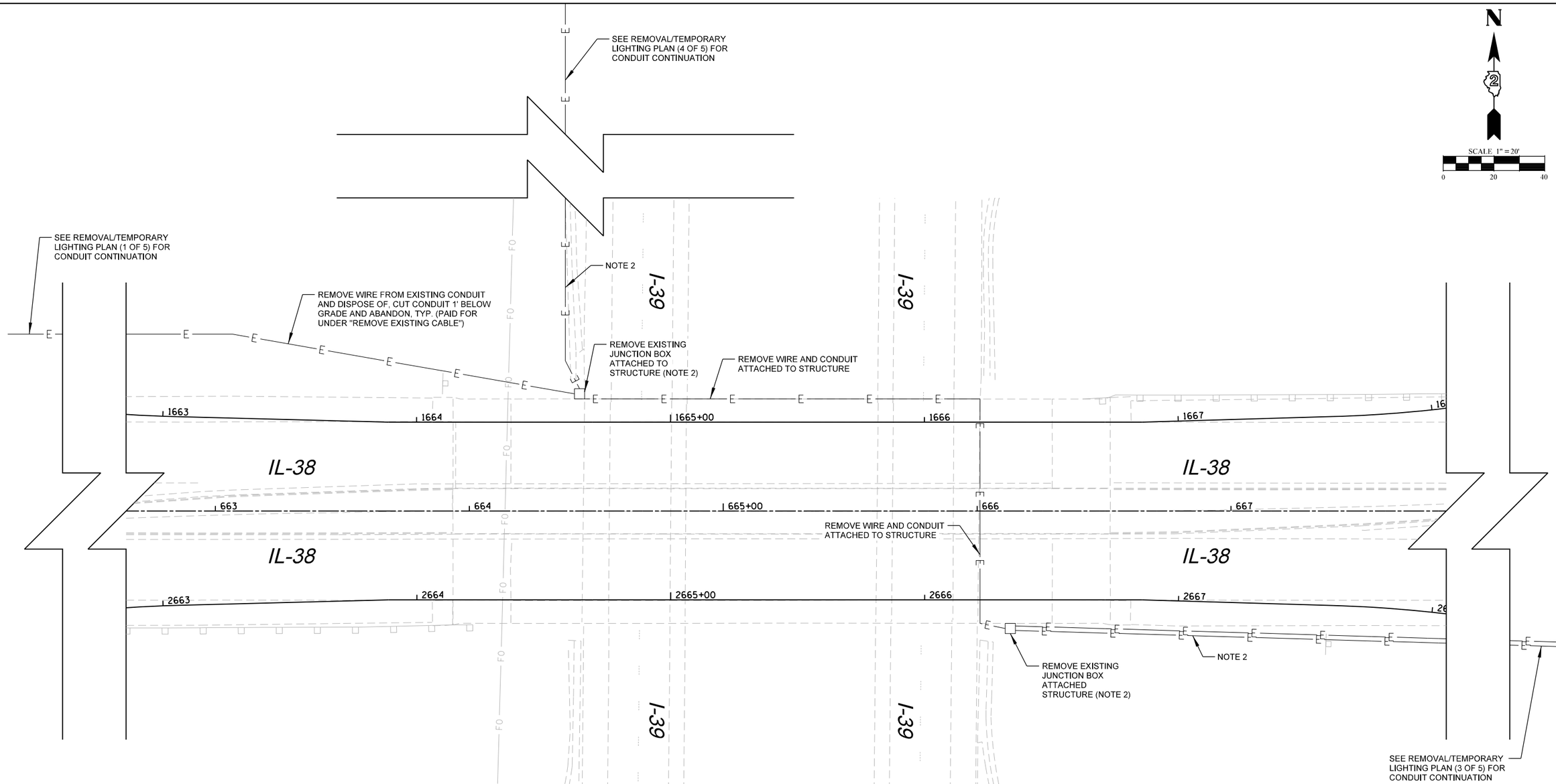



NOTES:

1. TEMPORARY COMBINATION LIGHTING SHALL BE INSTALLED AND FUNCTIONAL BEFORE EXISTING INTERSECTION LIGHTING IS REMOVED.
2. EXISTING ITEMS PERTAINING TO HIGH MAST RAMP LIGHTING (INCLUDING POLES, CONDUIT, JUNCTION BOXES, ECT.) SHALL BE REMOVED AFTER PROPOSED RAMP LIGHTING IS INSTALLED AND OPERATIONAL.
3. REMOVE EXISTING LIGHT POLE/FOUNDATION. EXISTING LIGHT POLE LUMINAIRE(S) SHALL BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
4. REMOVE EXISTING LIGHTING CONTROLLER, FOUNDATION, AND ELECTRIC SERVICE. EXISTING LIGHTING CONTROLLER TO BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING IDOT ELECTRICAL FACILITIES.

## LEGEND

- EXISTING LIGHT POLE
- EXISTING LIGHTING CONTROLLER
- EXISTING HIGH MAST LIGHT POLE
- EXISTING ELECTRIC SERVICE POLE
- EXISTING ITEM TO BE REMOVED
- -E- EXISTING CABLE IN CONDUIT

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\REM_D284N98_02.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

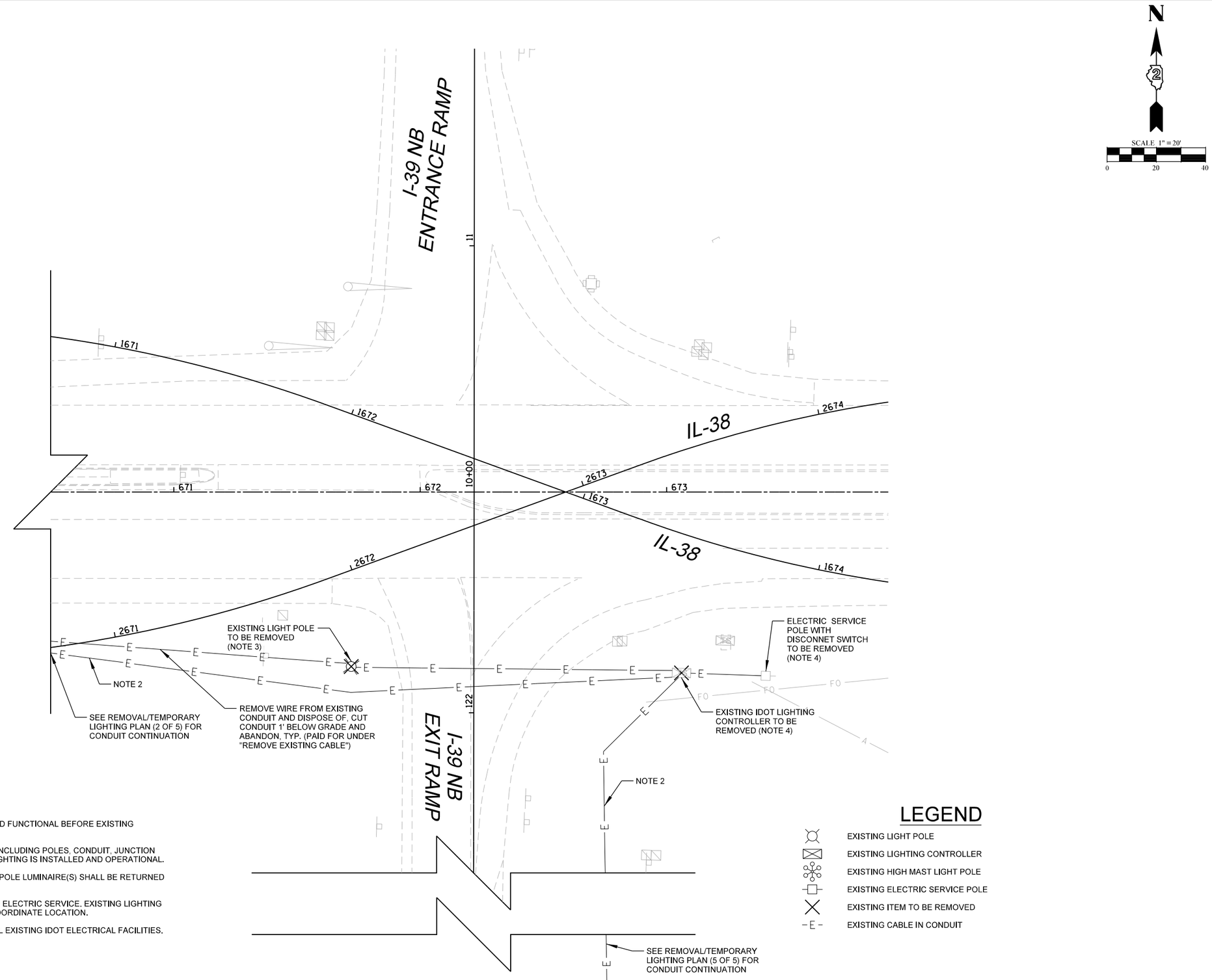
| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**REMOVAL/TEMPORARY PLAN (2 OF 5)**

SCALE: 1:40 | SHEET 2 OF 5 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 401 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |




NOTES:

1. TEMPORARY COMBINATION LIGHTING SHALL BE INSTALLED AND FUNCTIONAL BEFORE EXISTING INTERSECTION LIGHTING IS REMOVED.
2. EXISTING ITEMS PERTAINING TO HIGH MAST RAMP LIGHTING (INCLUDING POLES, CONDUIT, JUNCTION BOXES, ECT.) SHALL BE REMOVED AFTER PROPOSED RAMP LIGHTING IS INSTALLED AND OPERATIONAL.
3. REMOVE EXISTING LIGHT POLE/FOUNDATION. EXISTING LIGHT POLE LUMINAIRE(S) SHALL BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
4. REMOVE EXISTING LIGHTING CONTROLLER, FOUNDATION, AND ELECTRIC SERVICE. EXISTING LIGHTING CONTROLLER TO BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING IDOT ELECTRICAL FACILITIES.

## LEGEND

- EXISTING LIGHT POLE
- EXISTING LIGHTING CONTROLLER
- EXISTING HIGH MAST LIGHT POLE
- EXISTING ELECTRIC SERVICE POLE
- EXISTING ITEM TO BE REMOVED
- -E- EXISTING CABLE IN CONDUIT

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\REM_D264N98_03.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

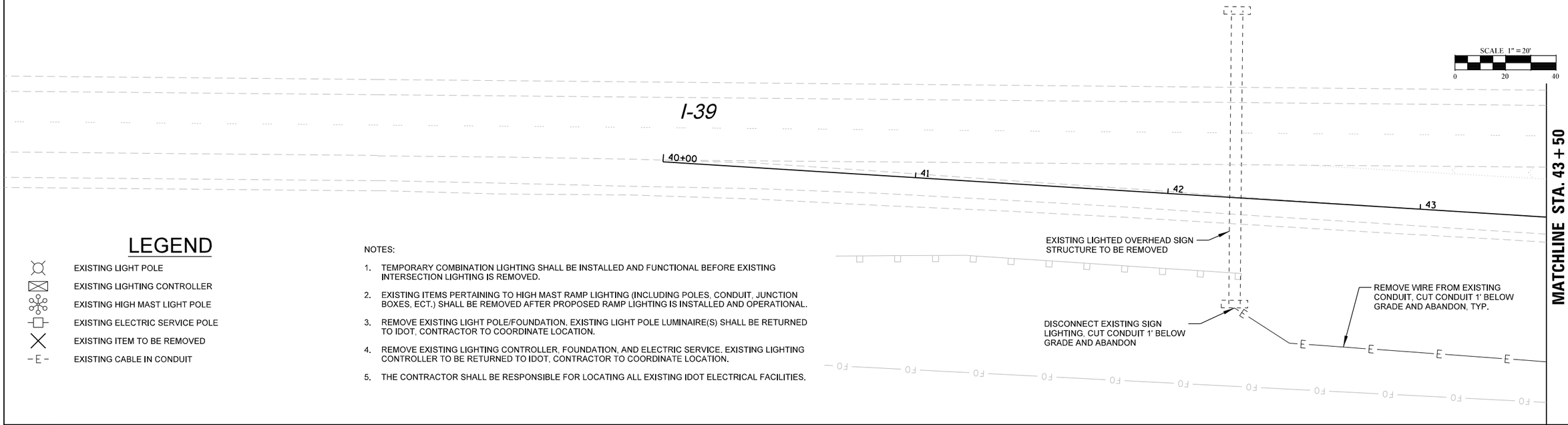

| | | | |
|---|---|---|---|
| USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**REMOVAL/TEMPORARY PLAN (3 OF 5)**

SCALE: 1:40 | SHEET 3 OF 5 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 402 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

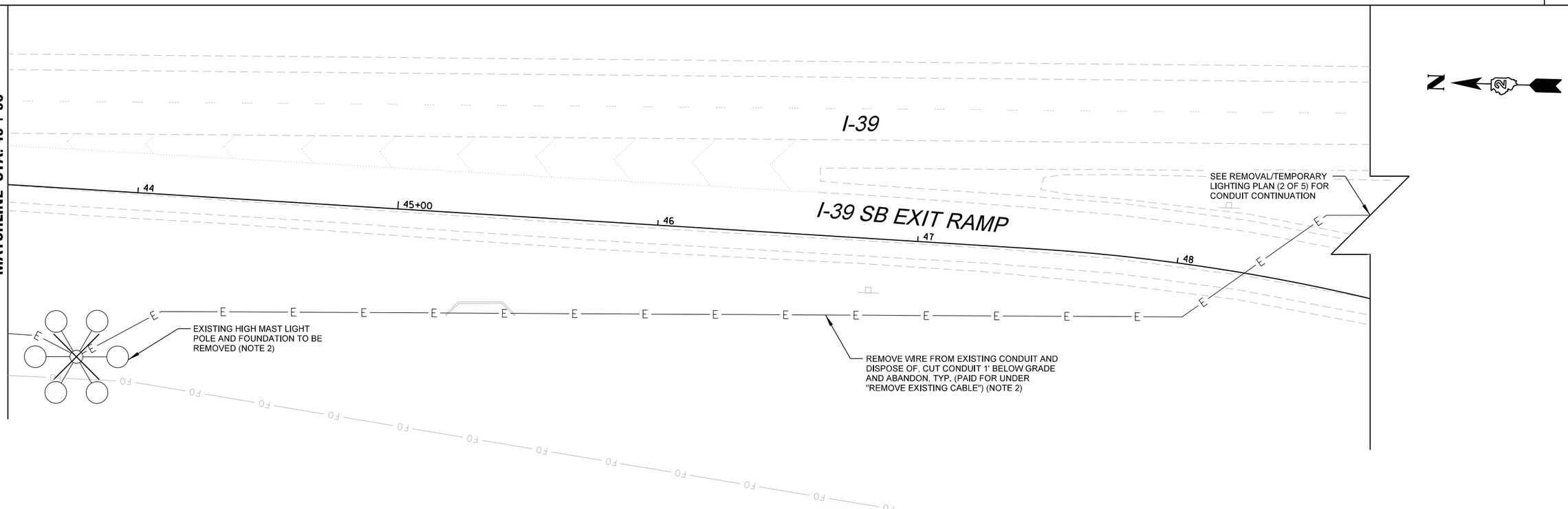



## LEGEND

- EXISTING LIGHT POLE
- EXISTING LIGHTING CONTROLLER
- EXISTING HIGH MAST LIGHT POLE
- EXISTING ELECTRIC SERVICE POLE
- EXISTING ITEM TO BE REMOVED
- E — EXISTING CABLE IN CONDUIT

NOTES:

1. TEMPORARY COMBINATION LIGHTING SHALL BE INSTALLED AND FUNCTIONAL BEFORE EXISTING INTERSECTION LIGHTING IS REMOVED.
2. EXISTING ITEMS PERTAINING TO HIGH MAST RAMP LIGHTING (INCLUDING POLES, CONDUIT, JUNCTION BOXES, ECT.) SHALL BE REMOVED AFTER PROPOSED RAMP LIGHTING IS INSTALLED AND OPERATIONAL.
3. REMOVE EXISTING LIGHT POLE/FOUNDATION. EXISTING LIGHT POLE LUMINAIRE(S) SHALL BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
4. REMOVE EXISTING LIGHTING CONTROLLER, FOUNDATION, AND ELECTRIC SERVICE. EXISTING LIGHTING CONTROLLER TO BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING IDOT ELECTRICAL FACILITIES.





CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | | | |
|---|---|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - |
| | DRAWN - RMS/RJJ | REVISED - |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - |

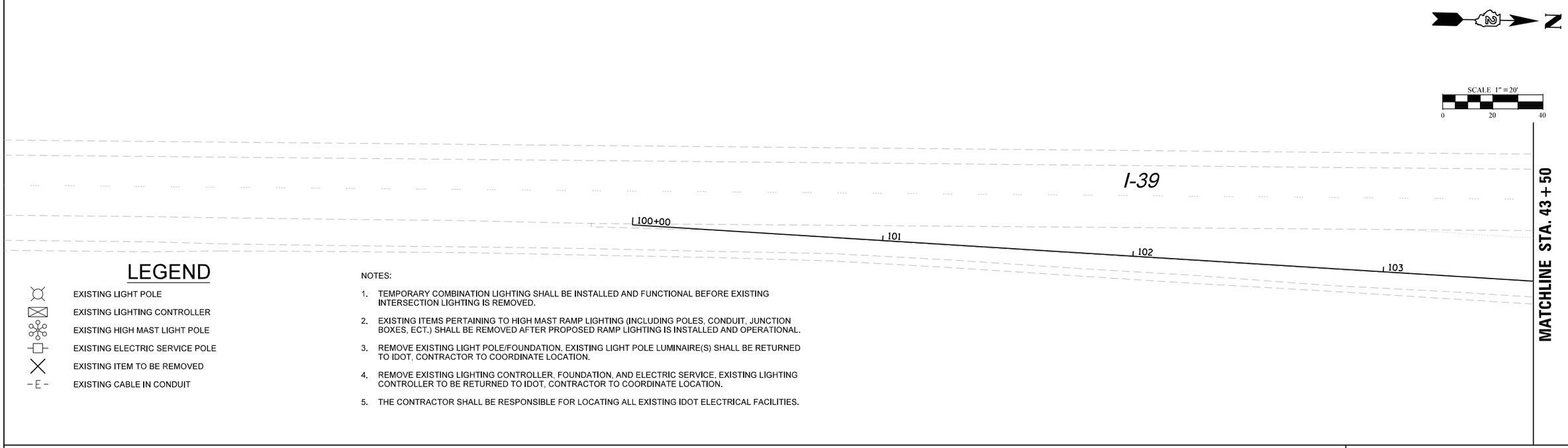
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**REMOVAL/TEMPORARY PLAN (4 OF 5)**

SCALE: 1:40 | SHEET 4 OF 5 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 403 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\REM_D284N98_04.sht

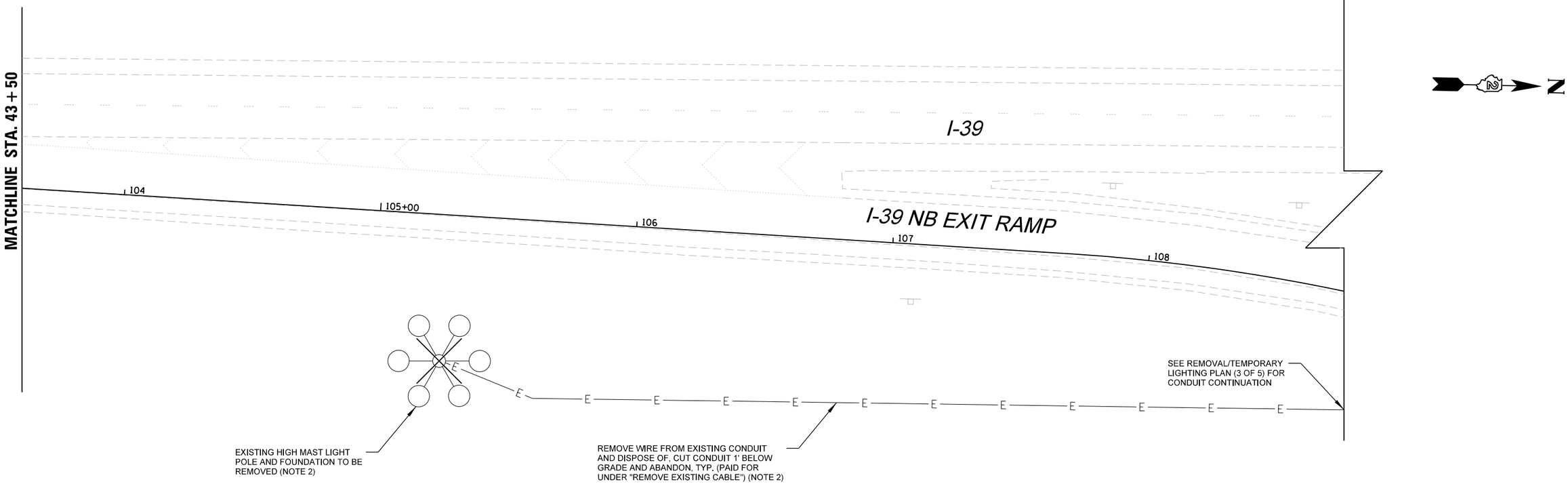



## LEGEND

- EXISTING LIGHT POLE
- EXISTING LIGHTING CONTROLLER
- EXISTING HIGH MAST LIGHT POLE
- EXISTING ELECTRIC SERVICE POLE
- EXISTING ITEM TO BE REMOVED
- -E- EXISTING CABLE IN CONDUIT

NOTES:

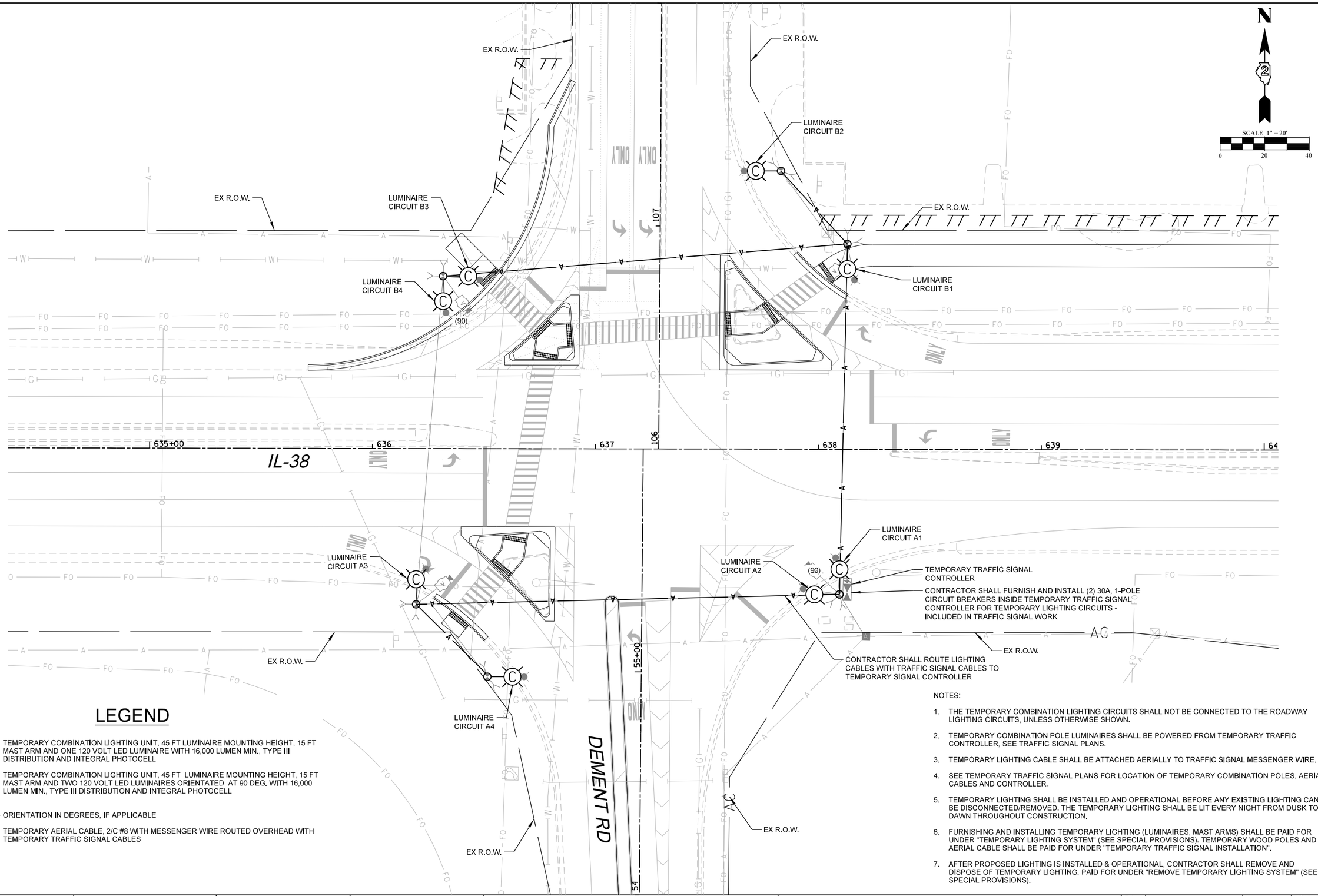
1. TEMPORARY COMBINATION LIGHTING SHALL BE INSTALLED AND FUNCTIONAL BEFORE EXISTING INTERSECTION LIGHTING IS REMOVED.
2. EXISTING ITEMS PERTAINING TO HIGH MAST RAMP LIGHTING (INCLUDING POLES, CONDUIT, JUNCTION BOXES, ECT.) SHALL BE REMOVED AFTER PROPOSED RAMP LIGHTING IS INSTALLED AND OPERATIONAL.
3. REMOVE EXISTING LIGHT POLE/FOUNDATION. EXISTING LIGHT POLE LUMINAIRE(S) SHALL BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
4. REMOVE EXISTING LIGHTING CONTROLLER, FOUNDATION, AND ELECTRIC SERVICE. EXISTING LIGHTING CONTROLLER TO BE RETURNED TO IDOT, CONTRACTOR TO COORDINATE LOCATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING IDOT ELECTRICAL FACILITIES.




MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\REM_D264N98_05.sht

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING REMOVAL/TEMPORARY PLAN (5 OF 5) |
| | | DRAWN - RMS/RJJ | REVISED - | | |
| | PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | SCALE: 1:40 SHEET 5 OF 5 SHEETS STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 404 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## LEGEND

- TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE 120 VOLT LED LUMINAIRE WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL
- TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO 120 VOLT LED LUMINAIRES ORIENTATED AT 90 DEG. WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL
- (90) ORIENTATION IN DEGREES, IF APPLICABLE
- — A — TEMPORARY AERIAL CABLE, 2/C #8 WITH MESSENGER WIRE ROUTED OVERHEAD WITH TEMPORARY TRAFFIC SIGNAL CABLES

NOTES:

1. THE TEMPORARY COMBINATION LIGHTING CIRCUITS SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS, UNLESS OTHERWISE SHOWN.
2. TEMPORARY COMBINATION POLE LUMINAIRES SHALL BE POWERED FROM TEMPORARY TRAFFIC CONTROLLER, SEE TRAFFIC SIGNAL PLANS.
3. TEMPORARY LIGHTING CABLE SHALL BE ATTACHED AERIALLY TO TRAFFIC SIGNAL MESSENGER WIRE.
4. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATION OF TEMPORARY COMBINATION POLES, AERIAL CABLES AND CONTROLLER.
5. TEMPORARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY EXISTING LIGHTING CAN BE DISCONNECTED/REMOVED. THE TEMPORARY LIGHTING SHALL BE LIT EVERY NIGHT FROM DUSK TO DAWN THROUGHOUT CONSTRUCTION.
6. FURNISHING AND INSTALLING TEMPORARY LIGHTING (LUMINAIRES, MAST ARMS) SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS). TEMPORARY WOOD POLES AND AERIAL CABLE SHALL BE PAID FOR UNDER "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
7. AFTER PROPOSED LIGHTING IS INSTALLED & OPERATIONAL, CONTRACTOR SHALL REMOVE AND DISPOSE OF TEMPORARY LIGHTING. PAID FOR UNDER "REMOVE TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS).


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

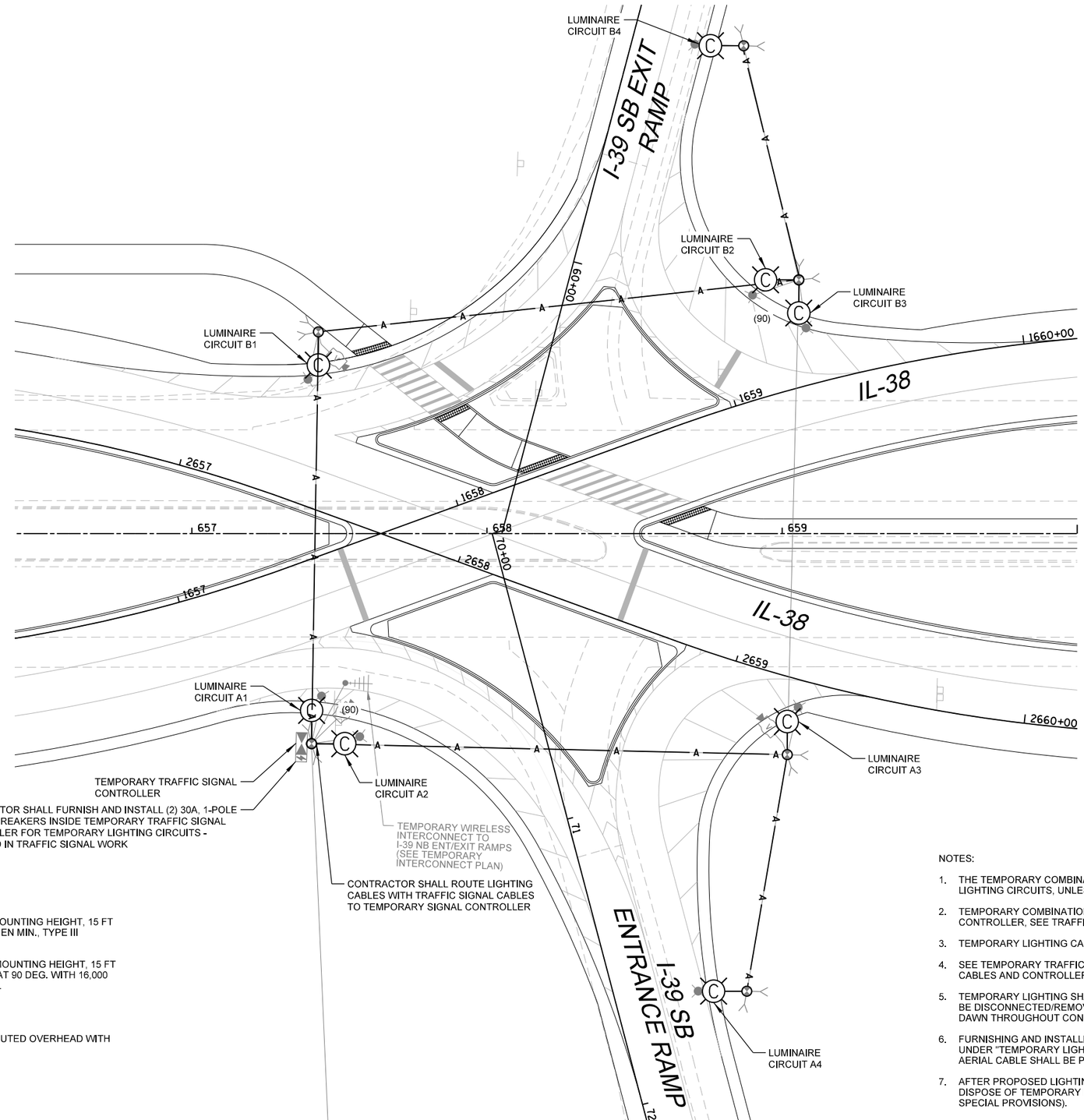
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**TEMPORARY INTERSECTION LIGHTING PLAN (1 OF 3)**

SCALE: 1:40 | SHEET 1 OF 3 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 405 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\DOT\220626\CAD_Sheets\Elec\Full\TEMP_D264N98_01.sht




N

SCALE 1" = 20'

0 20 40

## LEGEND

TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE 120 VOLT LED LUMINAIRE WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL

TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO 120 VOLT LED LUMINAIRES ORIENTATED AT 90 DEG. WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL

(90) ORIENTATION IN DEGREES, IF APPLICABLE

— A — TEMPORARY AERIAL CABLE, 2/C #8 WITH MESSENGER WIRE ROUTED OVERHEAD WITH TEMPORARY TRAFFIC SIGNAL CABLES

NOTES:

1. THE TEMPORARY COMBINATION LIGHTING CIRCUITS SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS, UNLESS OTHERWISE SHOWN.
2. TEMPORARY COMBINATION POLE LUMINAIRES SHALL BE POWERED FROM TEMPORARY TRAFFIC CONTROLLER, SEE TRAFFIC SIGNAL PLANS.
3. TEMPORARY LIGHTING CABLE SHALL BE ATTACHED AERIALLY TO TRAFFIC SIGNAL MESSENGER WIRE.
4. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATION OF TEMPORARY COMBINATION POLES, AERIAL CABLES AND CONTROLLER.
5. TEMPORARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY EXISTING LIGHTING CAN BE DISCONNECTED/REMOVED. THE TEMPORARY LIGHTING SHALL BE LIT EVERY NIGHT FROM DUSK TO DAWN THROUGHOUT CONSTRUCTION.
6. FURNISHING AND INSTALLING TEMPORARY LIGHTING (LUMINAIRES, MAST ARMS) SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS). TEMPORARY WOOD POLES AND AERIAL CABLE SHALL BE PAID FOR UNDER "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
7. AFTER PROPOSED LIGHTING IS INSTALLED & OPERATIONAL, CONTRACTOR SHALL REMOVE AND DISPOSE OF TEMPORARY LIGHTING. PAID FOR UNDER "REMOVE TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS).


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | | | |
|---|---|---|---|---|---|
| USER NAME = nhowell@ndgren | | DESIGNED - | AJD/RJJ | REVISED - | |
| | | DRAWN - | RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | | CHECKED - | AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | | DATE - | | REVISED - | |

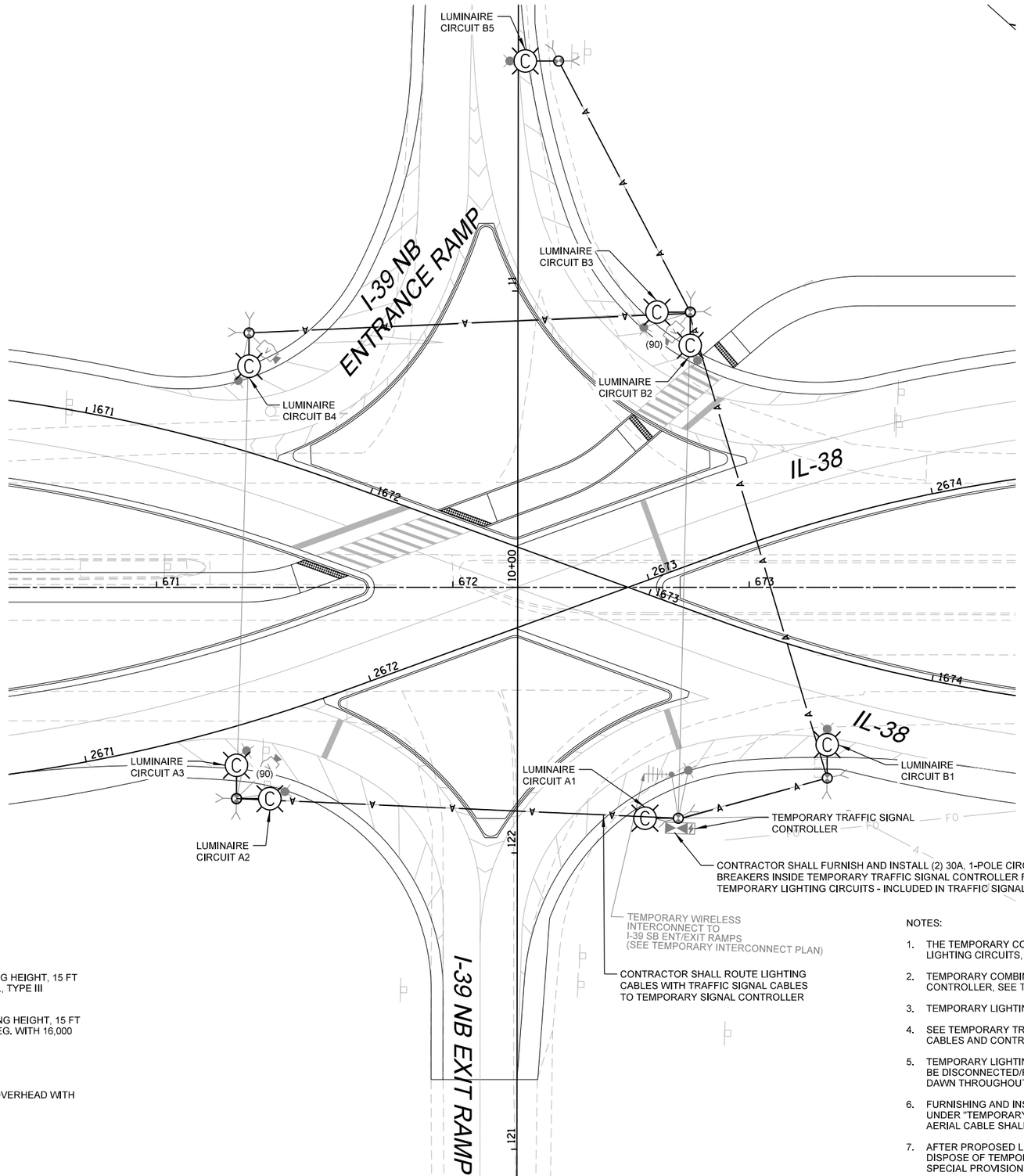
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**TEMPORARY INTERSECTION LIGHTING PLAN (2 OF 3)**

SCALE: 1:40 | SHEET 2 OF 3 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 406 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\DOT\229628\CAD_Sheets\Electical\TEMP_D264N98_02.sht




## LEGEND

TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE 120 VOLT LED LUMINAIRE WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL

TEMPORARY COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO 120 VOLT LED LUMINAIRES ORIENTATED AT 90 DEG. WITH 16,000 LUMEN MIN., TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL

(90) — ORIENTATION IN DEGREES, IF APPLICABLE

— A — TEMPORARY AERIAL CABLE, 2/C #8 WITH MESSENGER WIRE ROUTED OVERHEAD WITH TEMPORARY TRAFFIC SIGNAL CABLES

NOTES:

1. THE TEMPORARY COMBINATION LIGHTING CIRCUITS SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS, UNLESS OTHERWISE SHOWN.
2. TEMPORARY COMBINATION POLE LUMINAIRES SHALL BE POWERED FROM TEMPORARY TRAFFIC CONTROLLER, SEE TRAFFIC SIGNAL PLANS.
3. TEMPORARY LIGHTING CABLE SHALL BE ATTACHED AERIALLY TO TRAFFIC SIGNAL MESSENGER WIRE.
4. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATION OF TEMPORARY COMBINATION POLES, AERIAL CABLES AND CONTROLLER.
5. TEMPORARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY EXISTING LIGHTING CAN BE DISCONNECTED/REMOVED. THE TEMPORARY LIGHTING SHALL BE LIT EVERY NIGHT FROM DUSK TO DAWN THROUGHOUT CONSTRUCTION.
6. FURNISHING AND INSTALLING TEMPORARY LIGHTING (LUMINAIRES, MAST ARMS) SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS). TEMPORARY WOOD POLES AND AERIAL CABLE SHALL BE PAID FOR UNDER "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
7. AFTER PROPOSED LIGHTING IS INSTALLED & OPERATIONAL, CONTRACTOR SHALL REMOVE AND DISPOSE OF TEMPORARY LIGHTING. PAID FOR UNDER "REMOVE TEMPORARY LIGHTING SYSTEM" (SEE SPECIAL PROVISIONS).


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

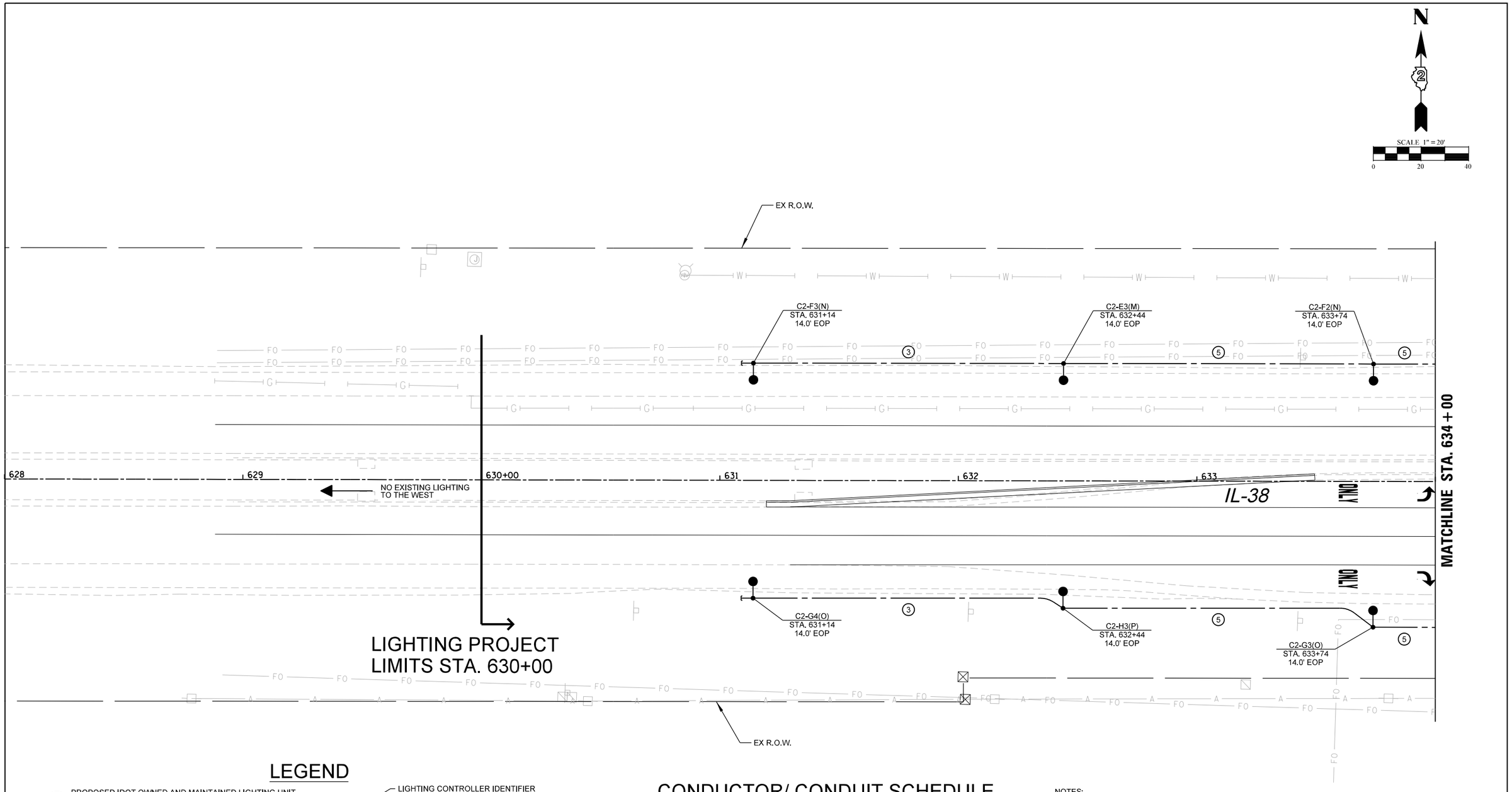
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**TEMPORARY INTERSECTION LIGHTING PLAN (3 OF 3)**

SCALE: 1:40 | SHEET 3 OF 3 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 407 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\EDOT\229628\CAD_Sheets\Electrical\TEMP_D264N98_03.sht




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\DOT\220628\CAD_Sheets\Electrical\LGT_D284N98_01.shl

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | | |
|---|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - | AJD/RJJ | REVISED - | |
| | DRAWN - | RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - | AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (1 OF 17)**

SCALE: 1:40 | SHEET 1 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 408 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

# LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)

C1-A1(I) / STA. 1+00 / 3.0' EOP

- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

MATCHLINE STA. 107 + 90

MATCHLINE STA. 634 + 00

MATCHLINE STA. 640 + 00

N

SCALE 1" = 20'

0 20 40

TEMP EASEMENT

EX R.O.W.

C2-A7

C2-F1

C2-E1

C2-E2(M)
STA. 635+04
14.0' EOP

C2-A1 & B1

C2-A2(I)
STA. 639+45
14.0' EOP

WALKWAY

PROPOSED CONCRETE HANDHOLE

ONLY

IL-38

634 635+00 636 637 638 639

106 107

100' - 3" RGS

105' - 3" RGS

C2-H2(P)
STA. 635+04
14.0' EOP

C2-H1 & G2

C2-C1

C2-D1(L)
STA. 639+45
14.0' EOP

PROPOSED CITY OF ROCHELLE 100A-120/240V-1Ø PEDESTAL MOUNTED LIGHTING CONTROLLER "C2"

PROPOSED SERVICE CONDUIT WITH 2/C #2, 1/C #2 N XLP-TYPE USE CABLES IN 2" RGS (NOTE 7)

PROPOSED SERVICE POLE

C2-G1

85' - 5" RGS

L 55+00

DEMENT RD

NO EXISTING LIGHTING TO THE SOUTH

54

AC

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
847 823-0500

| | | | |
|---|---|---|---|
| USER NAME = rjezierny | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/25/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (2 OF 17)**

SCALE: 1:40 | SHEET 2 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 409 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

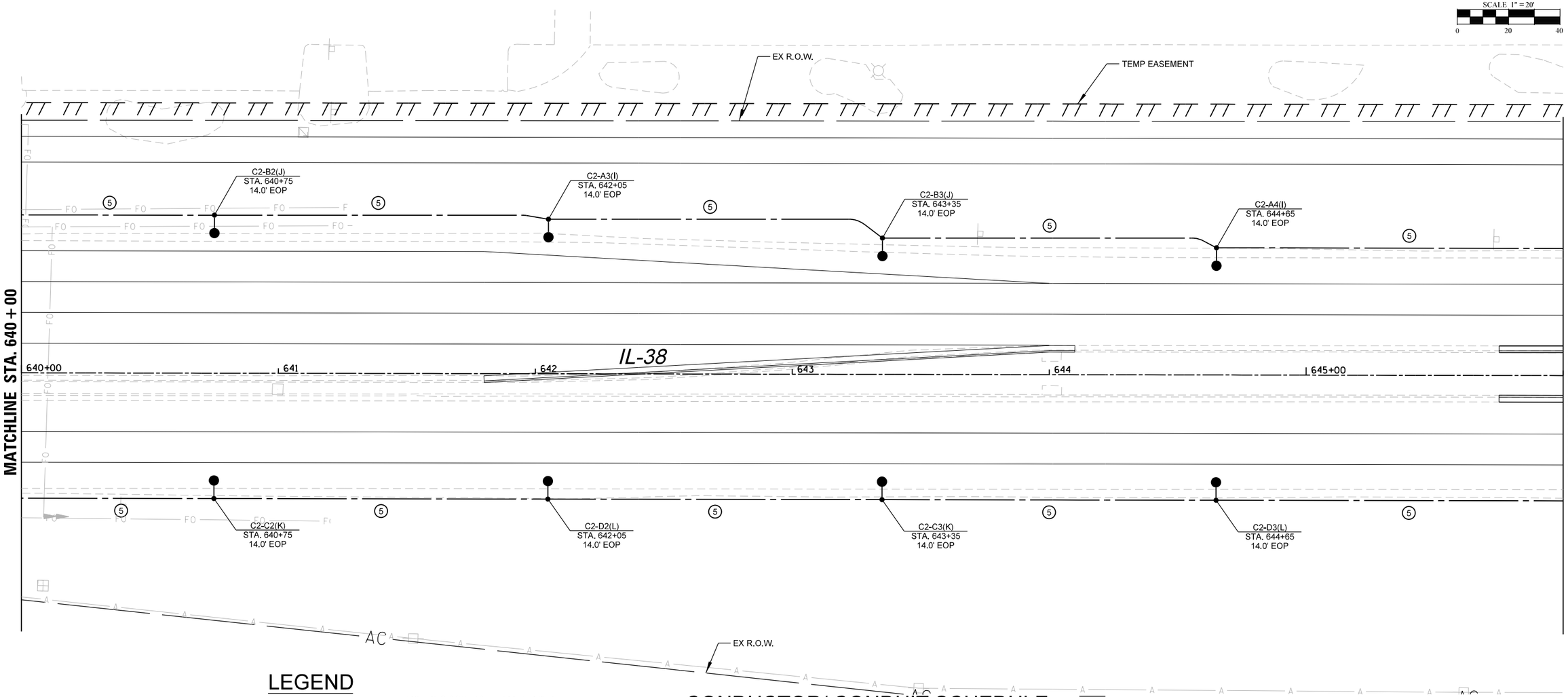
MODEL: Default
FILE NAME: N:\IDOT\220926\CAD_Sheets\Electrical\L_GT_926sht_N98_02.sht

N

2

SCALE 1" = 20'

0 20 40




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES
- G(90) LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- C1-A1(I) STA. 1+00 3.0' EOP — RECEPTCLE CIRCUIT IDENTIFIER; STATION; SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\DOT\2206828\CAD_Sheets\Electical\L.GT_D264N98_03.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (3 OF 17)**

SCALE: 1:40 | SHEET 3 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 410 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

N

SCALE 1" = 20'

0 20 40

EX R.O.W.

TEMP EASEMENT

C2-B4(J)
STA. 646+15
14.0' EOP

C2-A5(I)
STA. 647+65
14.0' EOP

C2-B5(J)
STA. 649+15
14.0' EOP

C2-A6(I)
STA. 650+65
14.0' EOP

MATCHLINE STA. 646 + 00

646 647 648 *IL-38* 649 650+00 651

MATCHLINE STA. 652 + 00

C2-C4(K)
STA. 646+15
14.0' EOP

C2-D4(L)
STA. 647+65
14.0' EOP

C2-C5(K)
STA. 649+15
14.0' EOP

C2-D5(L)
STA. 650+65
14.0' EOP

EX R.O.W.

AC

## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES
- G(90) — LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)

C1-A1(I) / STA. 1+00 / 3.0' EOP

- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\ROI\220628\CAD_Sheets\ElectRoadLGT_D284N98_04.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

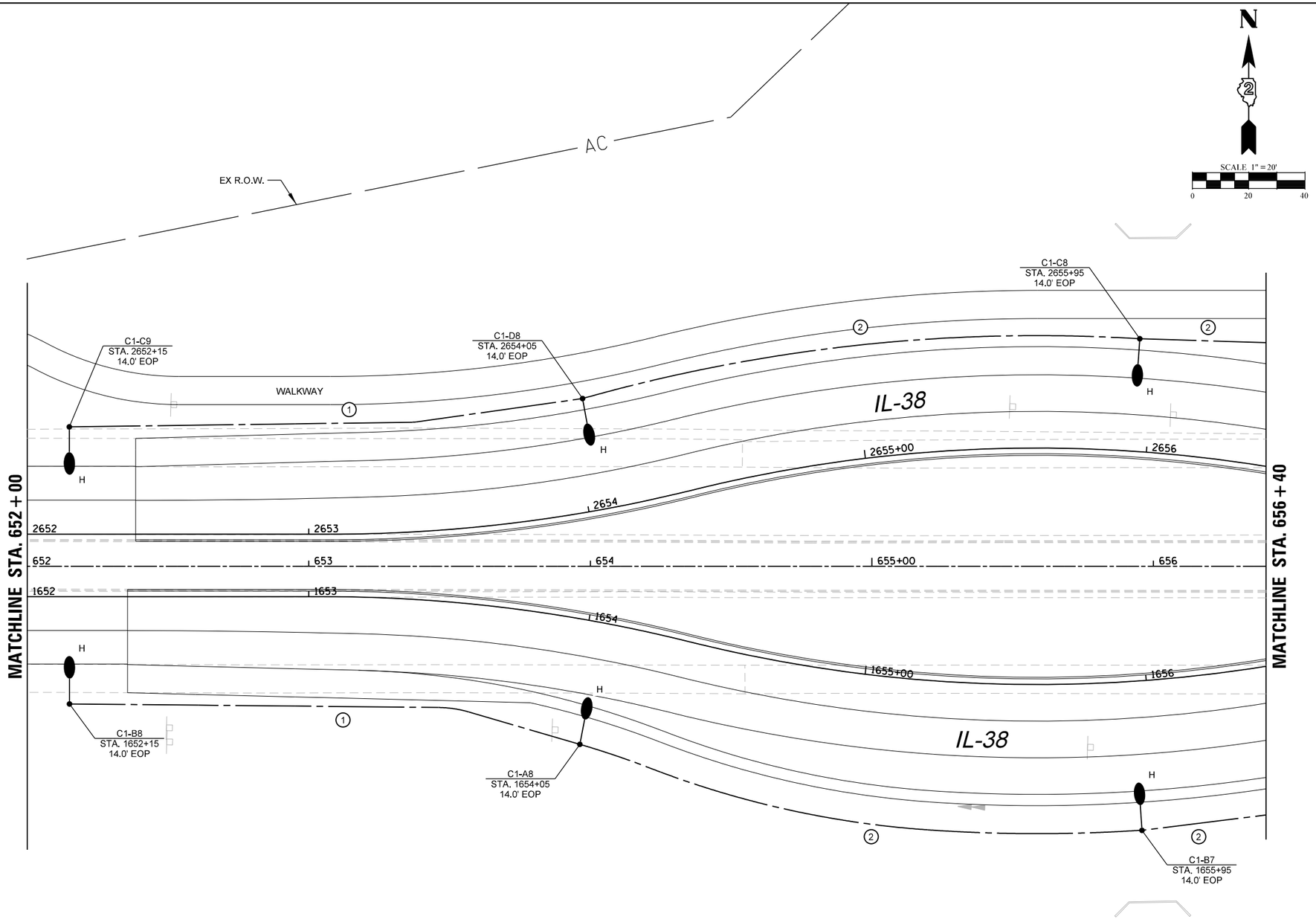
| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (4 OF 17)**

SCALE: 1:40 | SHEET 4 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 411 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\IDOT\220928\CAD_Sheets\Electrical\LGT_D26N98_05.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING<br>PROPOSED ROADWAY LIGHTING PLAN (5 OF 17) | |
| | DRAWN - RMS/RJJ | REVISED - | | | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | | SCALE: 1:40 SHEET 5 OF 17 SHEETS STA. TO STA. | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 412 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

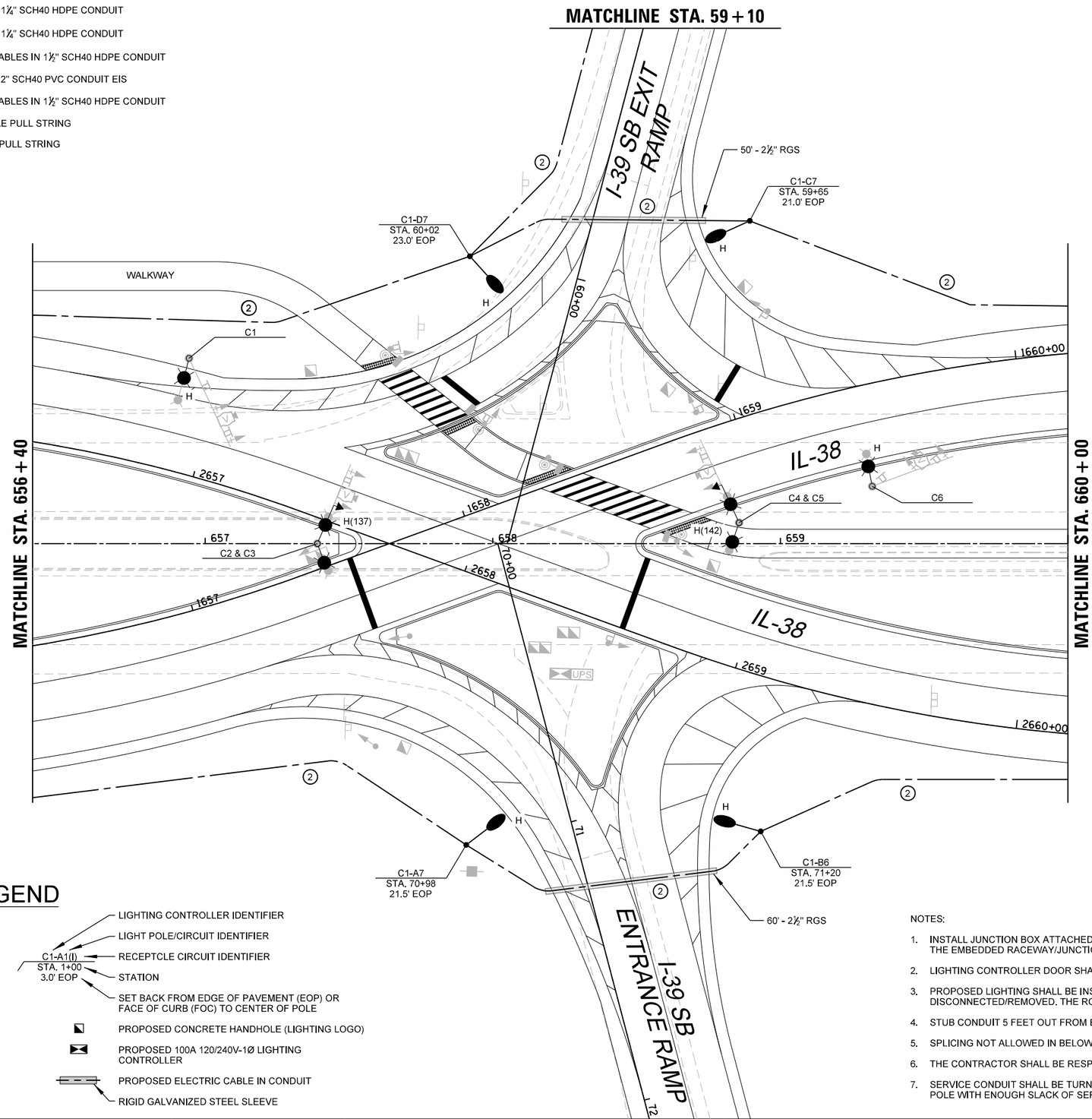
# CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

N

SCALE 1" = 20'

0 20 40




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I) / STA. 1+00 / 3.0' EOP)
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\LGT_D284N98_06.shl


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

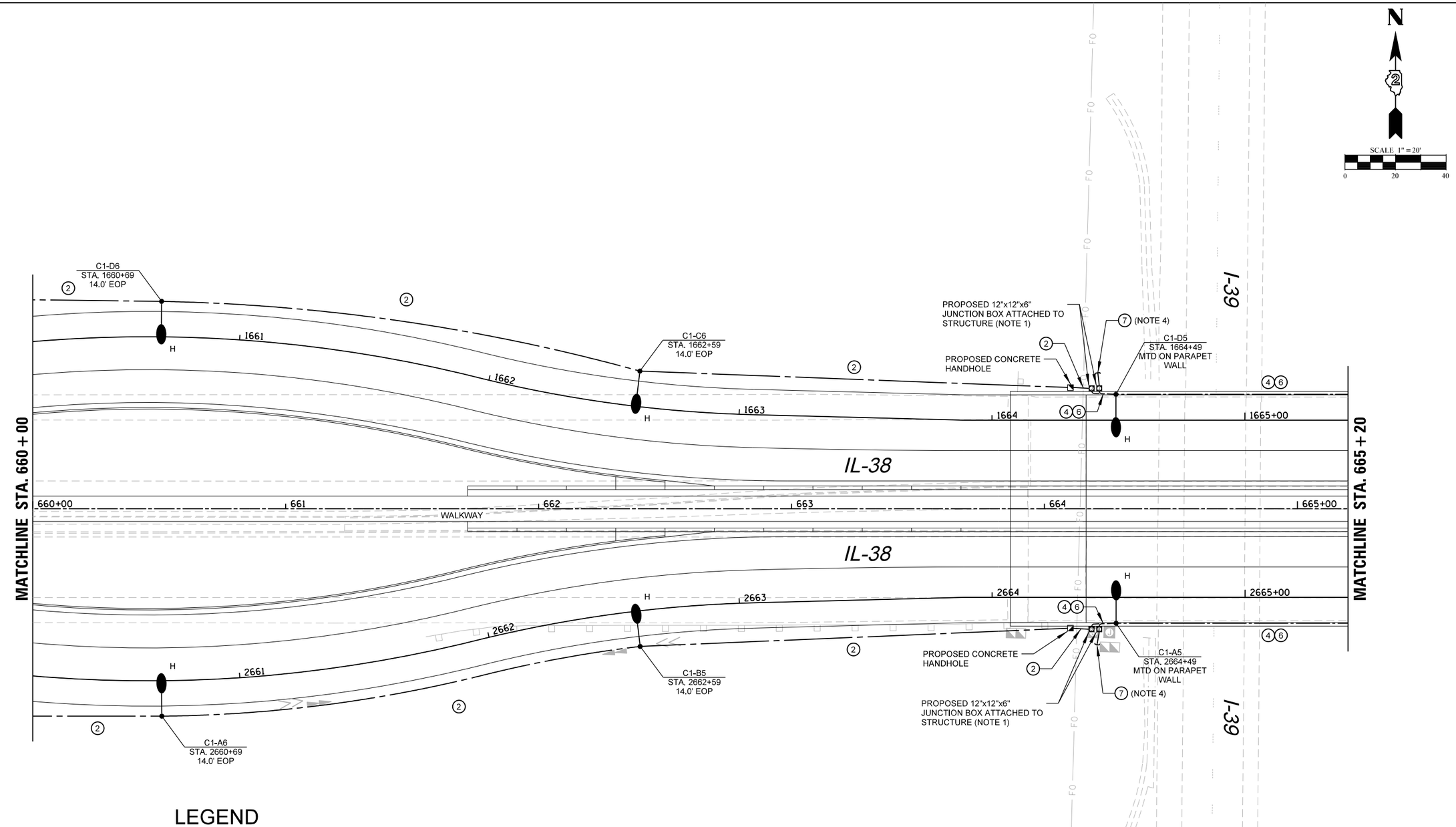

| | | | | |
|---|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - |
| | DRAWN - RMS/RJJ | REVISED - |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (6 OF 17)**

SCALE: 1:40 | SHEET 6 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 413 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES
- G(90) — LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- C1-A1(I) STA. 1+00 3.0' EOP — LIGHTING CONTROLLER IDENTIFIER; LIGHT POLE/CIRCUIT IDENTIFIER; RECEPTCLE CIRCUIT IDENTIFIER; STATION; SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\DOT\220628\CAD_Sheets\Electrical\LGT_D264N98_07.dnt

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowellIndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (7 OF 17)**

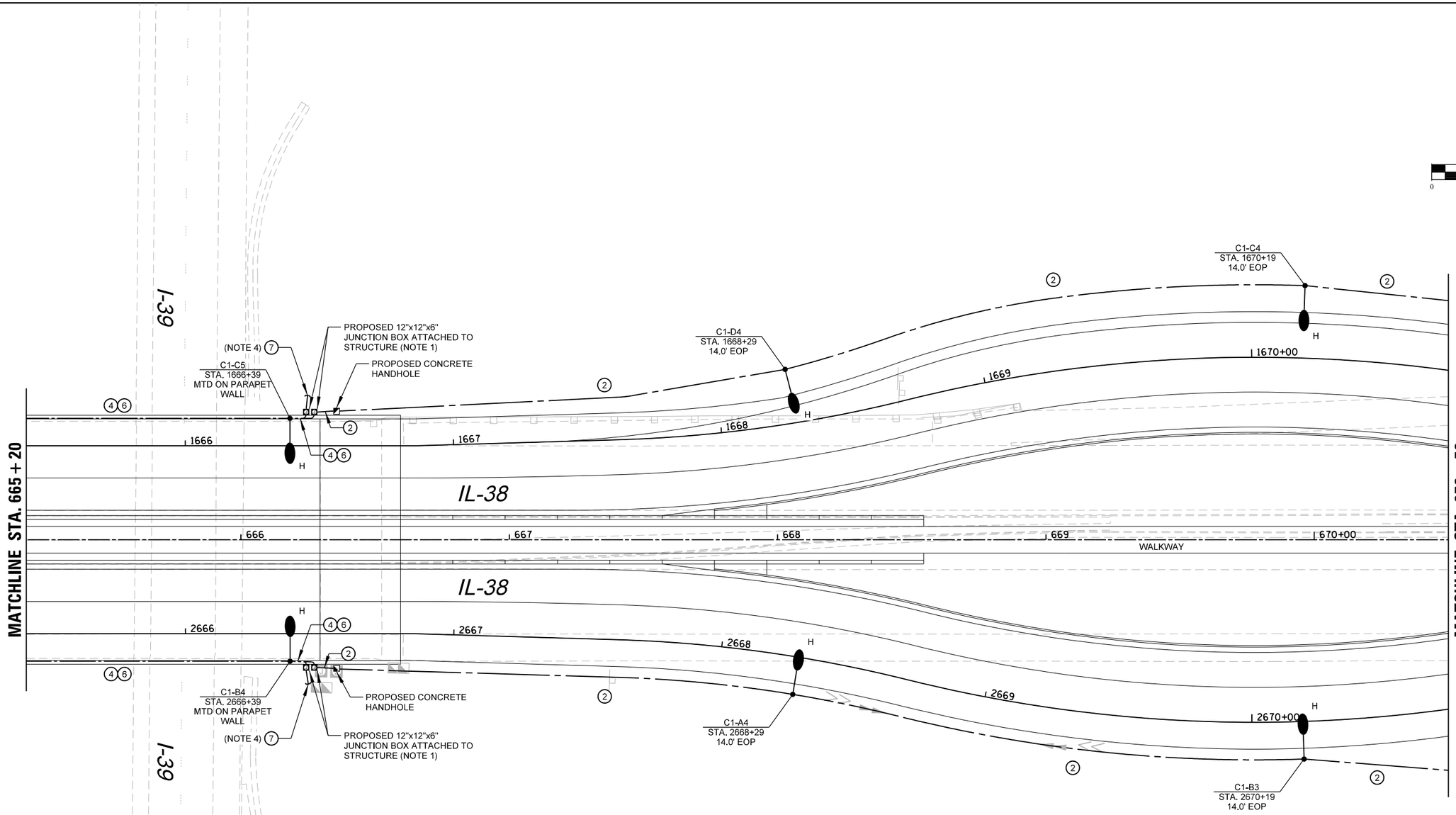
SCALE: 1:40 | SHEET 7 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 414 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

N

SCALE 1" = 20'

0 20 40




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION (C1-A1(I) STA. 1+00 3.0' EOP)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

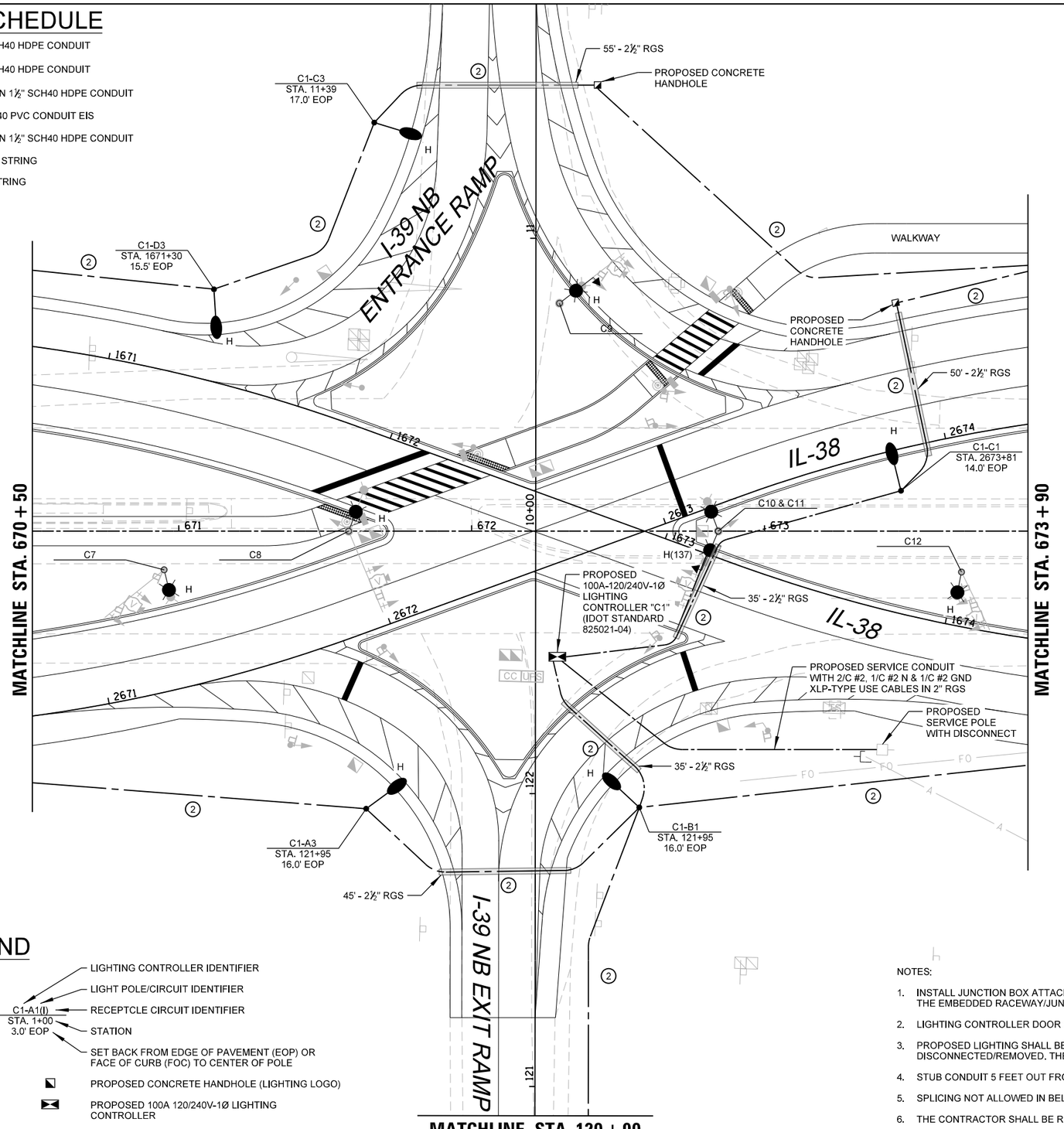

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING PROPOSED ROADWAY LIGHTING PLAN (8 OF 17) | |
| | DRAWN - RMS/RJJ | REVISED - | | | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | | SCALE: 1:40 SHEET 8 OF 17 SHEETS STA. TO STA. | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 415 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\IDOT\229628\CAD_Sheets\ElectSuit\LGT_J2284N98_08.sht

# CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING




# LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Elec\Ea\IL GT_I-38&N98_09.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

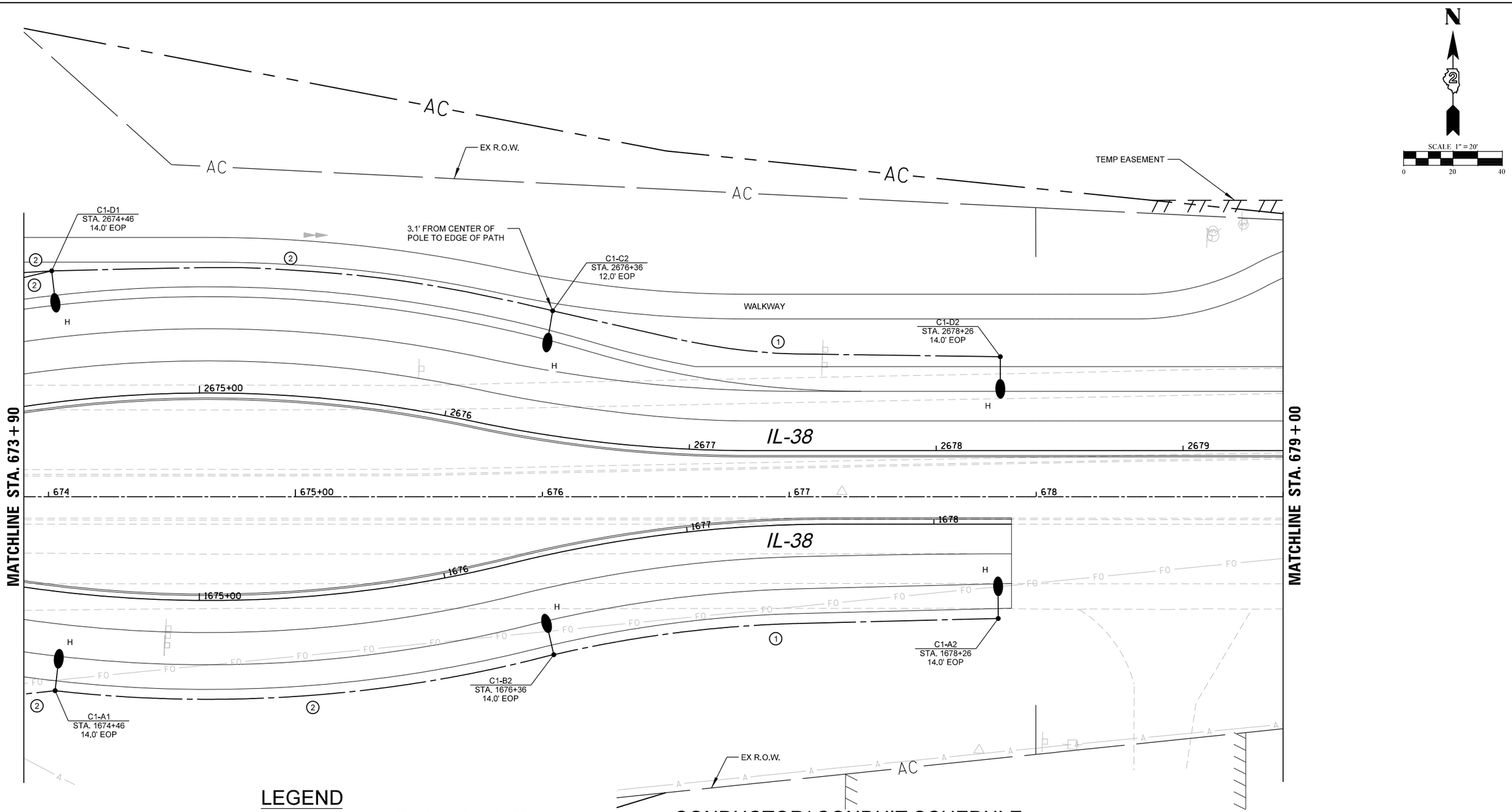

| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (9 OF 17)**

SCALE: 1:40 | SHEET 9 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 416 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION (C1-A1(1) STA. 1+00 3.0' EOP)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\IDOT\220928\CAD_Sheets\Electrical\LGT_D26N98_10.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

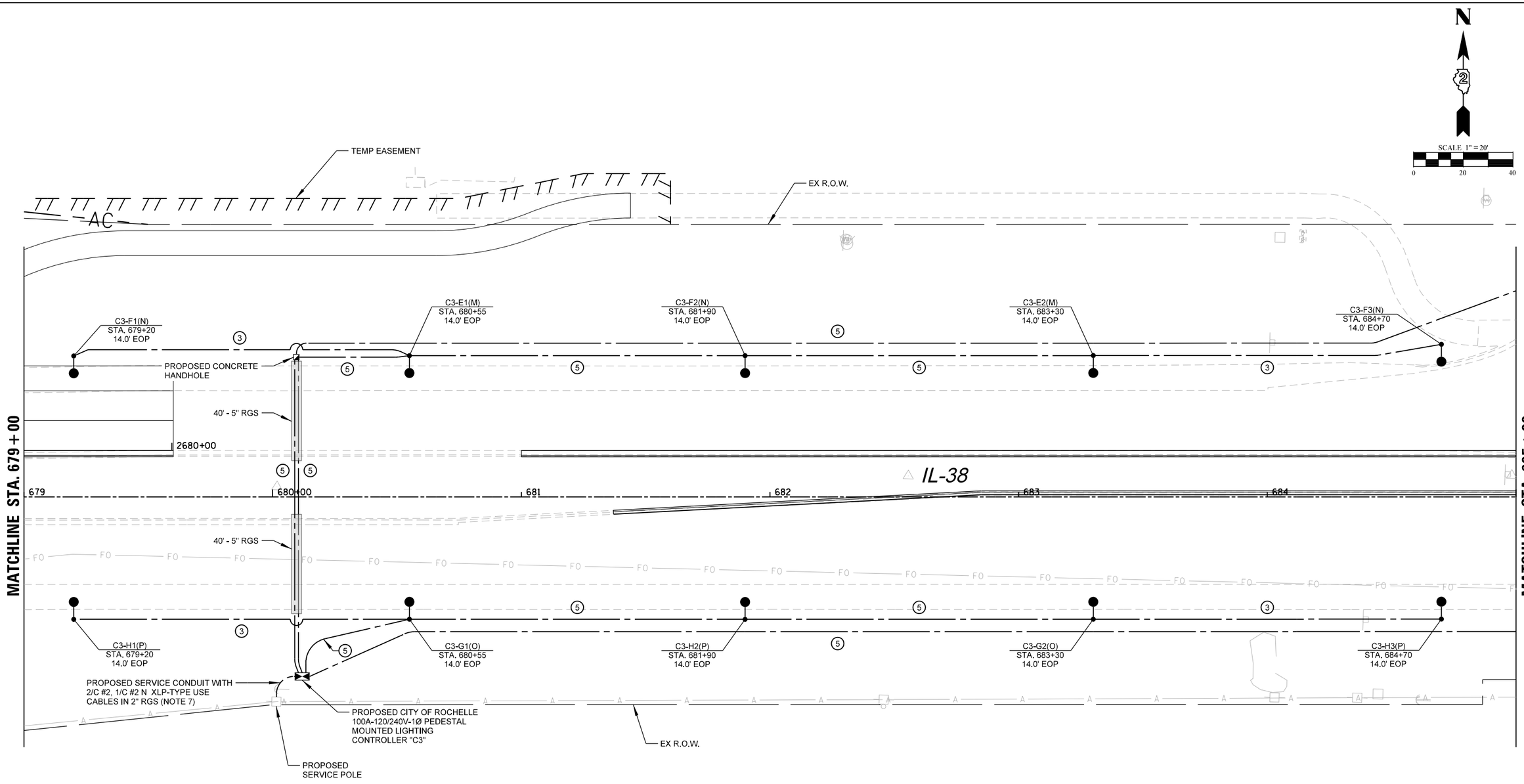

| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (10 OF 17)**

SCALE: 1:40 | SHEET 10 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 417 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE

C1-A1(I)
STA. 1+00
3.0' EOP

- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

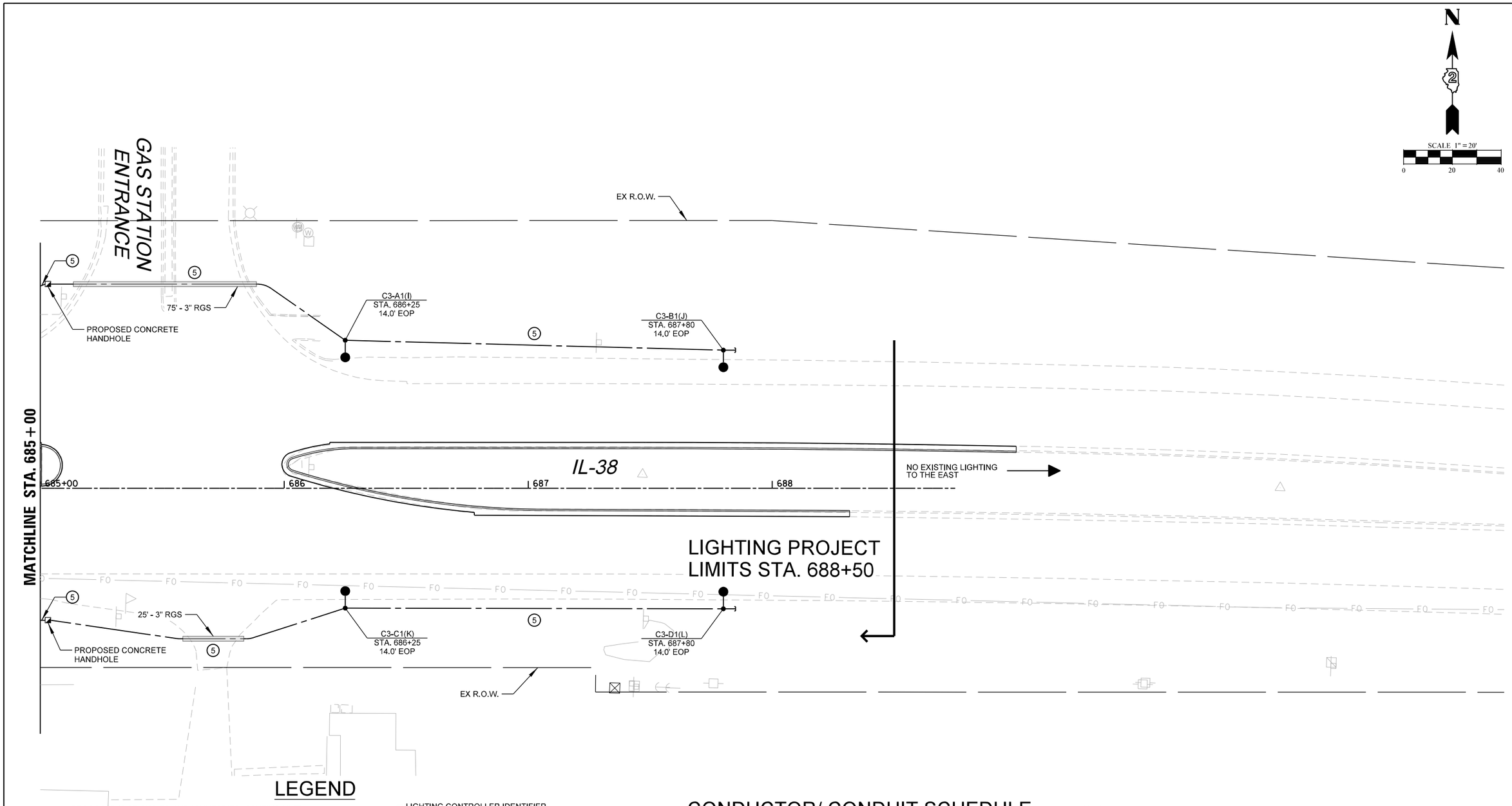
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (11 OF 17)**

SCALE: 1:40 | SHEET 11 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 418 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Elec\ralLGT_D264N98_11.sht




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

C1-A1(I) STA. 1+00 3.0' EOP

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\DOT\220928\CAD_Sheets\Electrical\LGT_D26N98_12.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

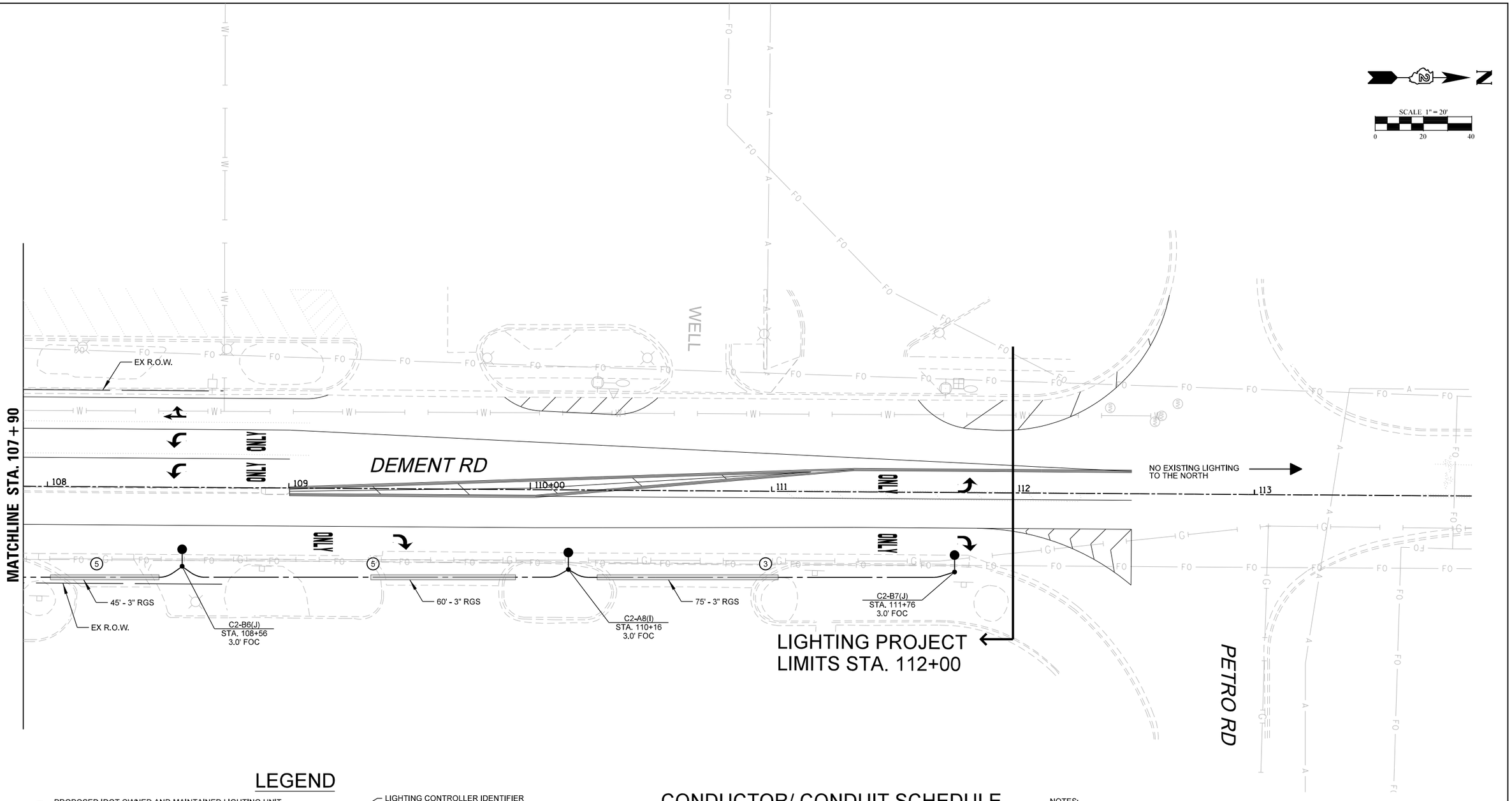
| | | | |
|---|---|---|---|
| USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (12 OF 17)**

SCALE: 1:40 | SHEET 12 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 419 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I), STA. 1+00, 3.0' EOP)
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\ElectKraft.GT_D26AN98_13.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (13 OF 17)**

SCALE: 1:40 | SHEET 13 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 420 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

# LEGEND

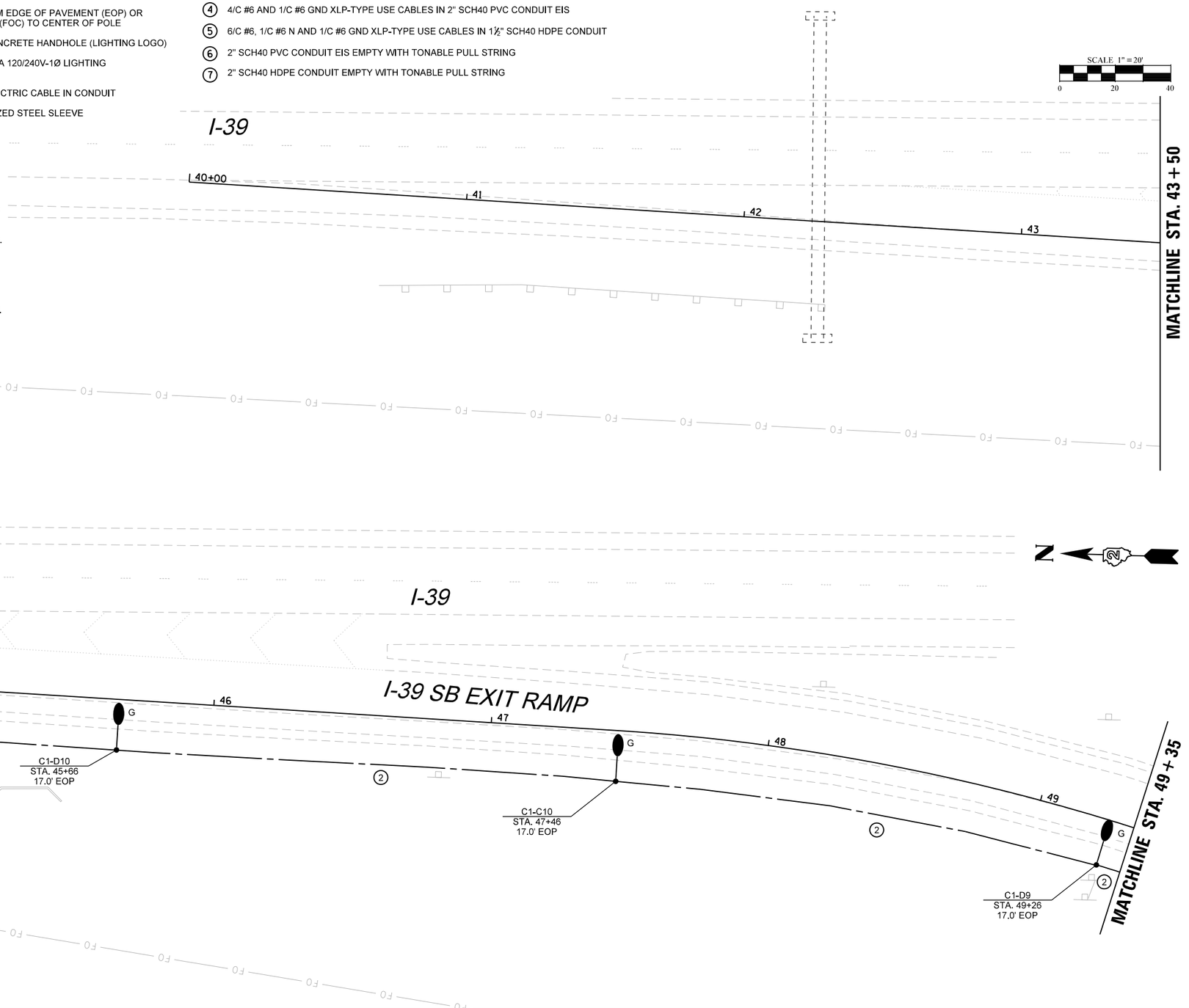
- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

# CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

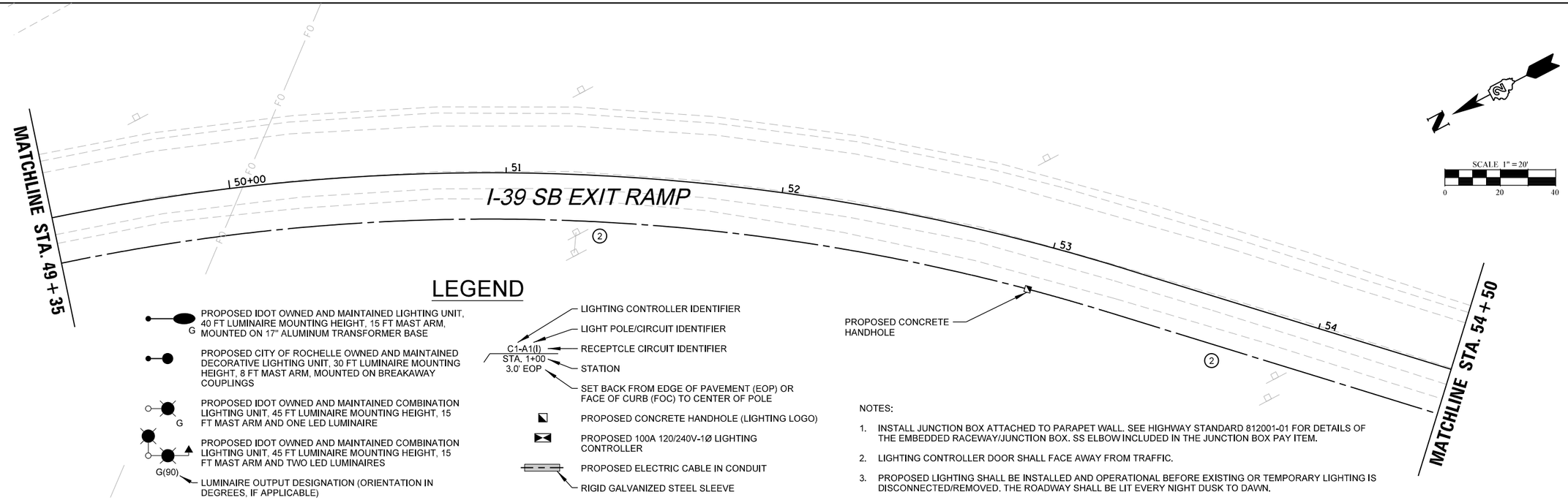
1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.




MODEL: Default
FILE NAME: N:\DOT\220628\CAD_Sheets\Elec\Roll\LGT_D264N98_14.sht

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING PROPOSED ROADWAY LIGHTING PLAN (14 OF 17) |
| | | DRAWN - RMS/RJJ | REVISED - | | |
| | PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | SCALE: 1:40 SHEET 14 OF 17 SHEETS STA. TO STA. |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 421 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE

(C1-A1(I) / STA. 1+00 / 3.0' EOP)

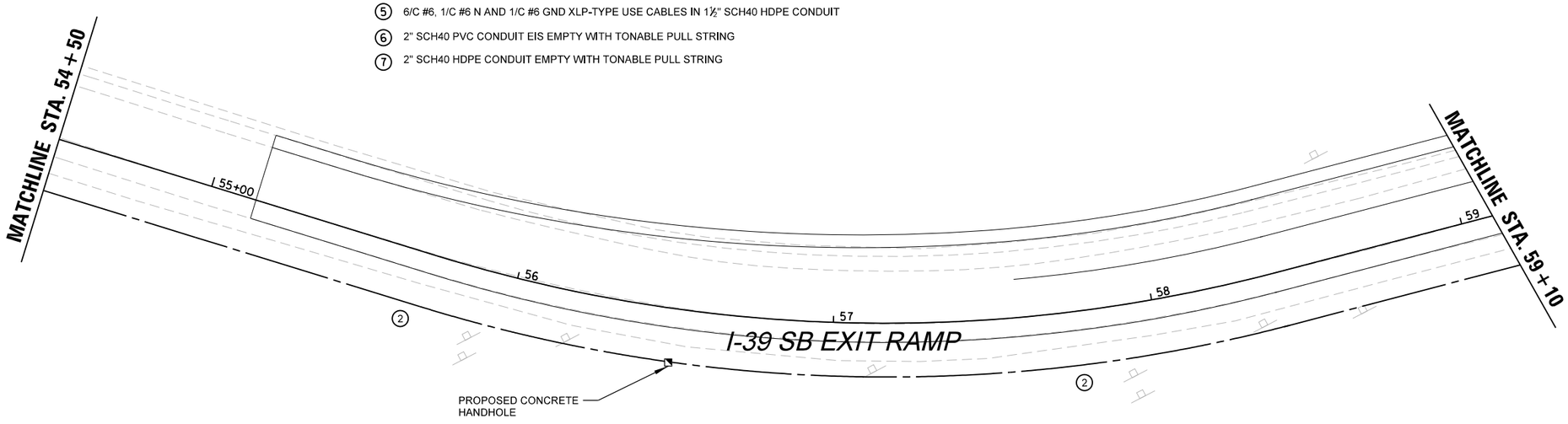
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.




MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\ElectricalR_GT_I-39&4N98_15.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (15 OF 17)**

SCALE: 1:40 | SHEET 15 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 422 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

# LEGEND

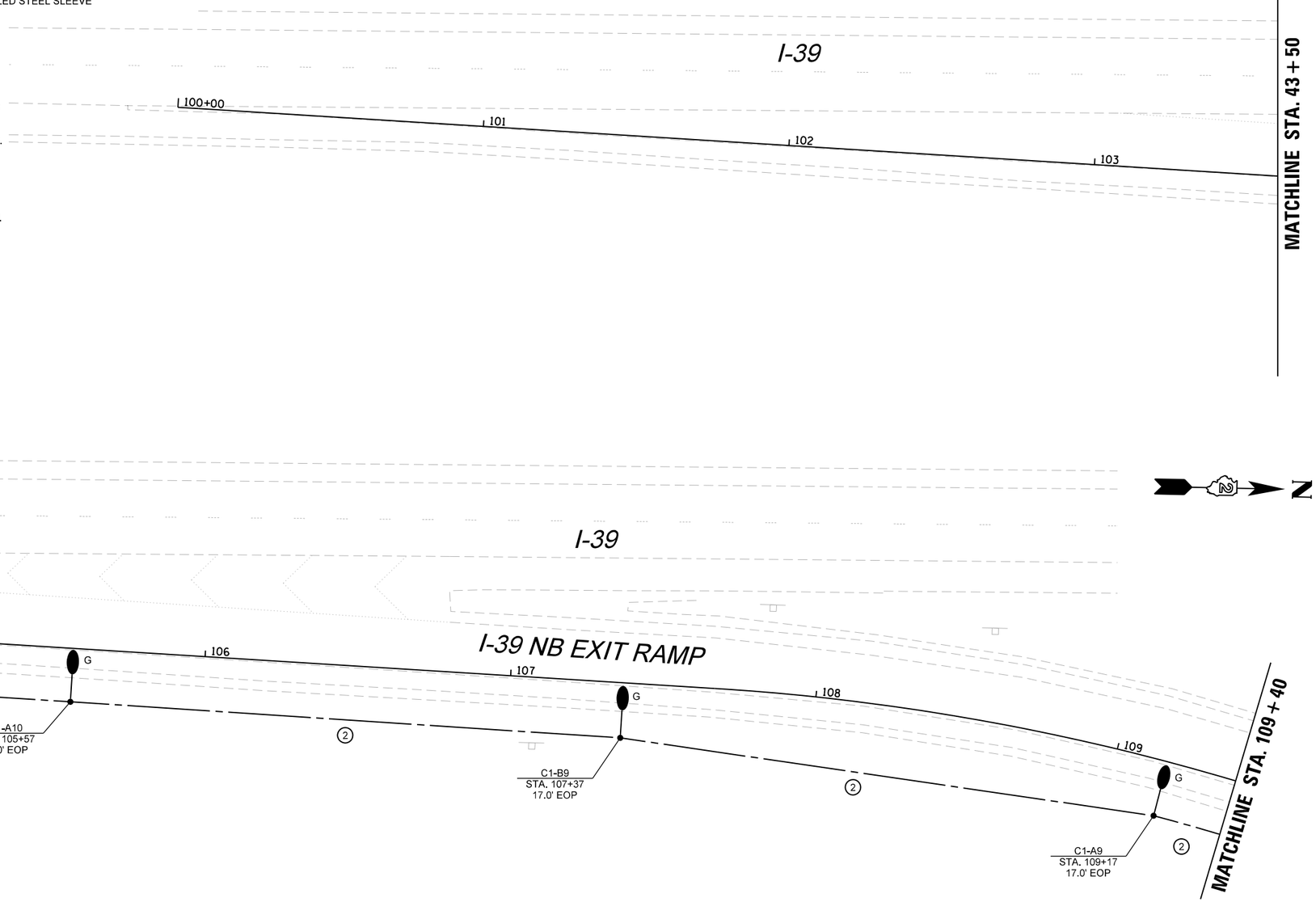
- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

# CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING

NOTES:

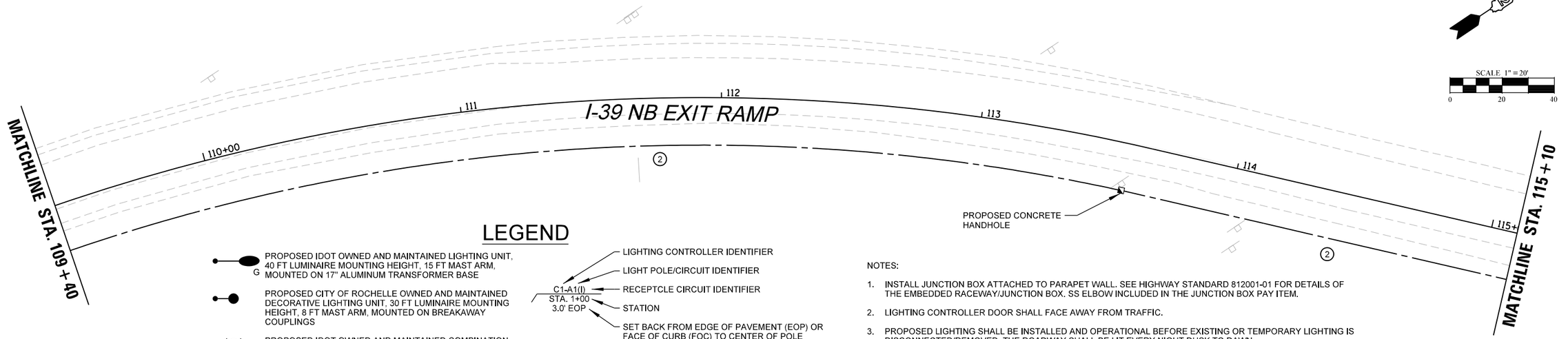
1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.




MODEL: Default
FILE NAME: N:\DOT\220628\CAD_Sheets\Elec\Roll\LGT_D264N98_16.sht

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING PROPOSED ROADWAY LIGHTING PLAN (16 OF 17) |
| | | DRAWN - RMS/RJJ | REVISED - | | |
| | PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | SCALE: 1:40 SHEET 16 OF 17 SHEETS STA. TO STA. |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 423 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

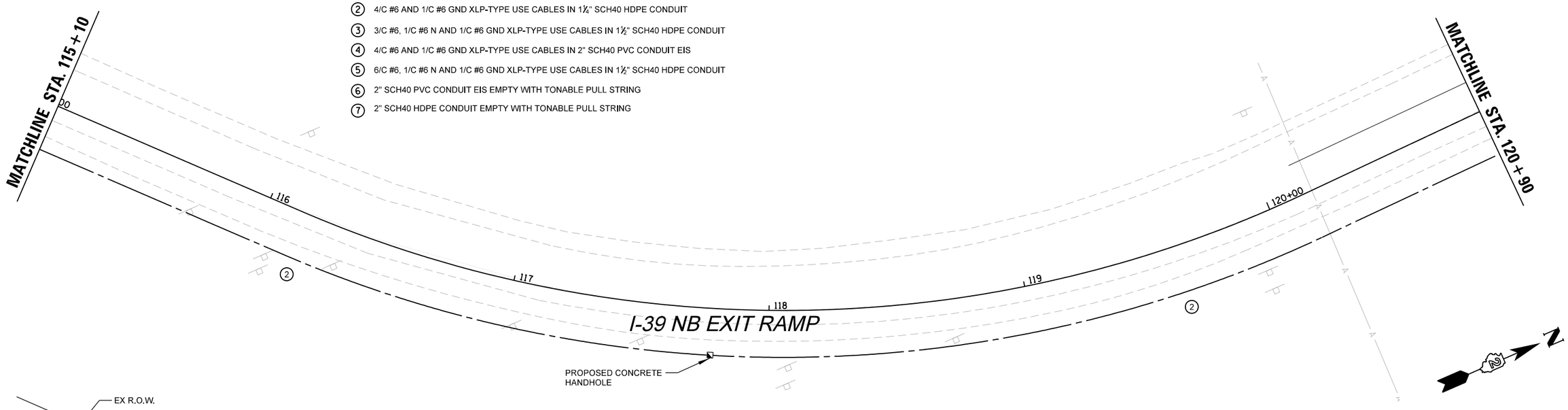
- PROPOSED IDOT OWNED AND MAINTAINED LIGHTING UNIT, 40 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM, MOUNTED ON 17" ALUMINUM TRANSFORMER BASE (G)
- PROPOSED CITY OF ROCHELLE OWNED AND MAINTAINED DECORATIVE LIGHTING UNIT, 30 FT LUMINAIRE MOUNTING HEIGHT, 8 FT MAST ARM, MOUNTED ON BREAKAWAY COUPLINGS
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (G)
- PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (G(90))
- LUMINAIRE OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)
- LIGHTING CONTROLLER IDENTIFIER
- LIGHT POLE/CIRCUIT IDENTIFIER
- RECEPTCLE CIRCUIT IDENTIFIER (C1-A1(I))
- STATION (STA. 1+00)
- SET BACK FROM EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) TO CENTER OF POLE (3.0' EOP)
- PROPOSED CONCRETE HANDHOLE (LIGHTING LOGO)
- PROPOSED 100A 120/240V-1Ø LIGHTING CONTROLLER
- PROPOSED ELECTRIC CABLE IN CONDUIT
- RIGID GALVANIZED STEEL SLEEVE

NOTES:

1. INSTALL JUNCTION BOX ATTACHED TO PARAPET WALL. SEE HIGHWAY STANDARD 812001-01 FOR DETAILS OF THE EMBEDDED RACEWAY/JUNCTION BOX. SS ELBOW INCLUDED IN THE JUNCTION BOX PAY ITEM.
2. LIGHTING CONTROLLER DOOR SHALL FACE AWAY FROM TRAFFIC.
3. PROPOSED LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE EXISTING OR TEMPORARY LIGHTING IS DISCONNECTED/REMOVED. THE ROADWAY SHALL BE LIT EVERY NIGHT DUSK TO DAWN.
4. STUB CONDUIT 5 FEET OUT FROM BRIDGE, CAP WATERTIGHT, AND RECORD LOCATION ON RECORD DRAWINGS.
5. SPLICING NOT ALLOWED IN BELOW GRADE HANDHOLES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPOSED IDOT ELECTRICAL FACILITIES.
7. SERVICE CONDUIT SHALL BE TURNED UPTO GRADE LEVEL WITH PROTECTIVE BUSHING AT UTILITY SERVICE POLE WITH ENOUGH SLACK OF SERVICE WIRES COILED UP TO ALLOW UTILITY TO MAKE SERVICE CONNECTION.

## CONDUCTOR/ CONDUIT SCHEDULE

1. 2/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
2. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 1¼" SCH40 HDPE CONDUIT
3. 3/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
4. 4/C #6 AND 1/C #6 GND XLP-TYPE USE CABLES IN 2" SCH40 PVC CONDUIT EIS
5. 6/C #6, 1/C #6 N AND 1/C #6 GND XLP-TYPE USE CABLES IN 1½" SCH40 HDPE CONDUIT
6. 2" SCH40 PVC CONDUIT EIS EMPTY WITH TONABLE PULL STRING
7. 2" SCH40 HDPE CONDUIT EMPTY WITH TONABLE PULL STRING




MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\ElectricalM.GT_D284N98_17.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

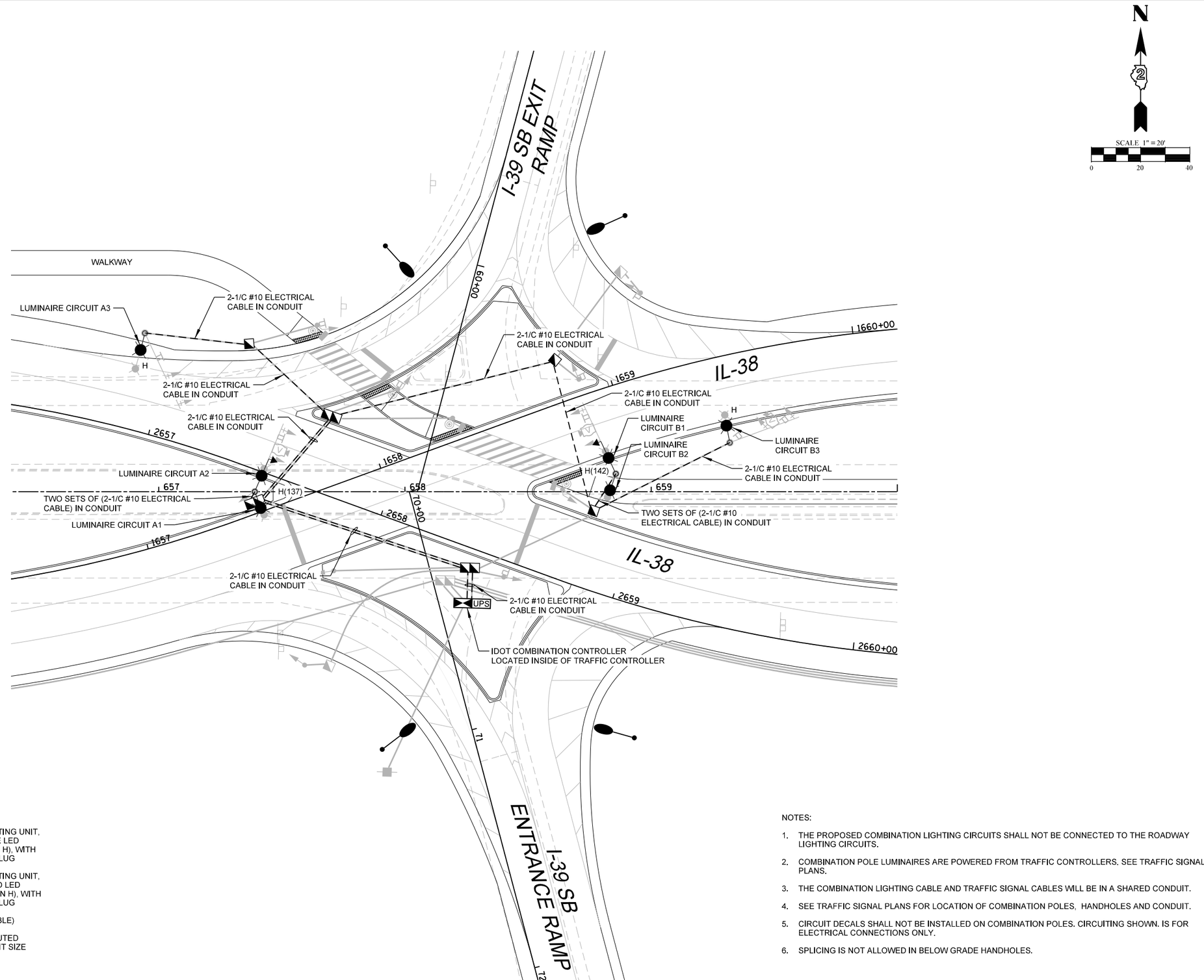
| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED ROADWAY LIGHTING PLAN (17 OF 17)**

SCALE: 1:40 | SHEET 17 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 424 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |




## LEGEND

H — PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H), WITH TYPE III DISTRIBUTION, 120V DRIVER, 6 AMP FUSE & NEUTRAL SLUG

H(90) — PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H), WITH TYPE III DISTRIBUTION, 120V DRIVER, 6 AMP FUSE & NEUTRAL SLUG

OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)

PROPOSED COMBO LIGHTING CABLE IN CONDUIT, 2-1/C #10 ROUTED THROUGH TRAFFIC CONDUIT (SEE TRAFFIC PLANS FOR CONDUIT SIZE AND CONDUIT ROUTE)

NOTES:

1. THE PROPOSED COMBINATION LIGHTING CIRCUITS SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
2. COMBINATION POLE LUMINAIRES ARE POWERED FROM TRAFFIC CONTROLLERS. SEE TRAFFIC SIGNAL PLANS.
3. THE COMBINATION LIGHTING CABLE AND TRAFFIC SIGNAL CABLES WILL BE IN A SHARED CONDUIT.
4. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBINATION POLES, HANDHOLES AND CONDUIT.
5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBINATION POLES. CIRCUITING SHOWN. IS FOR ELECTRICAL CONNECTIONS ONLY.
6. SPLICING IS NOT ALLOWED IN BELOW GRADE HANDHOLES.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\LGT_D264N98_18.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

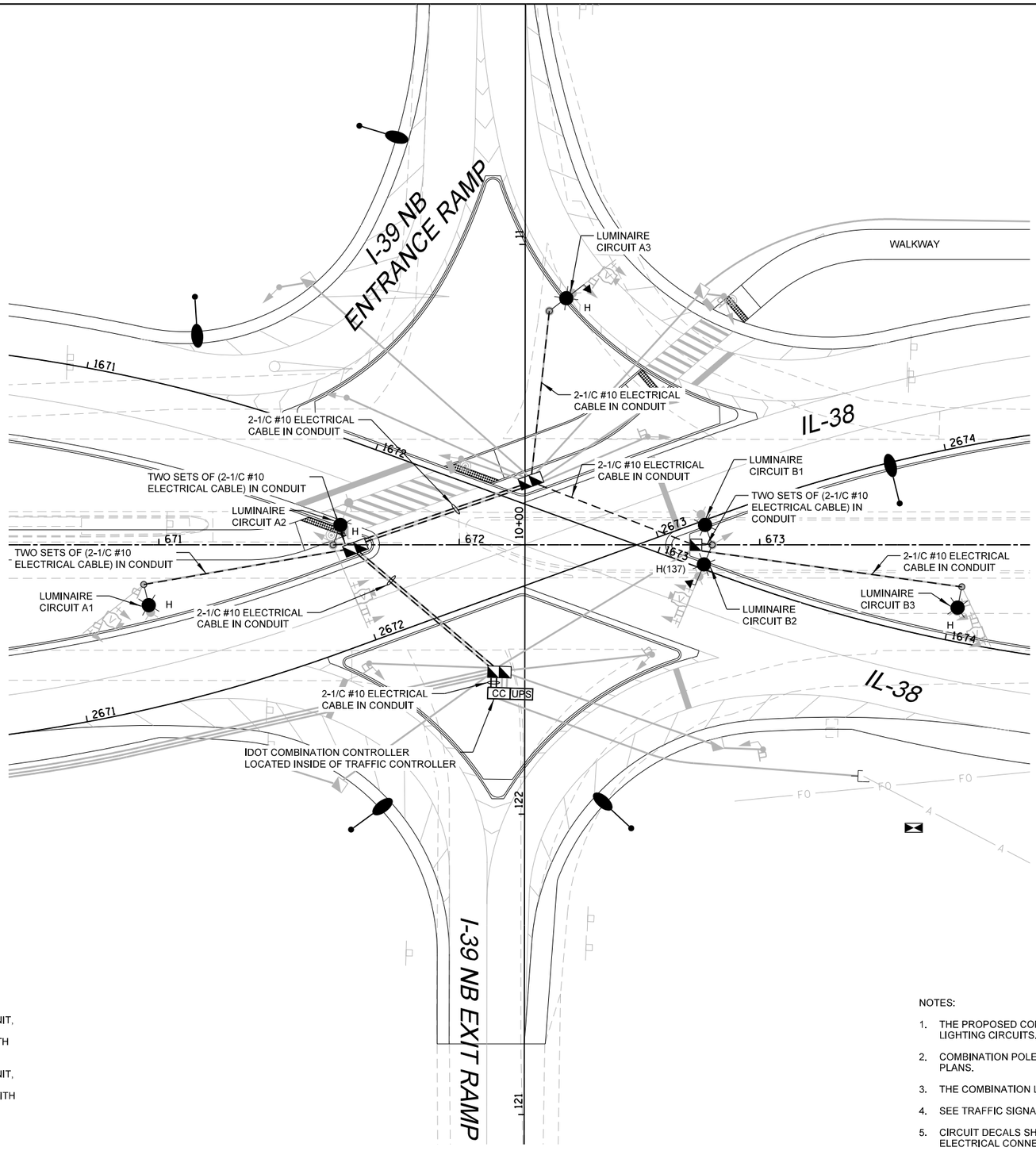

| | | | |
|---|---|---|---|
| USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

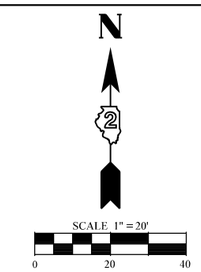
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED INTERSECTION LIGHTING PLAN (1 OF 2)**

SCALE: 1:40 | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 425 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |




## LEGEND

H — PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND ONE LED LUMINAIRE (LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H), WITH TYPE III DISTRIBUTION, 120V DRIVER, 6 AMP FUSE & NEUTRAL SLUG

H(90) — PROPOSED IDOT OWNED AND MAINTAINED COMBINATION LIGHTING UNIT, 45 FT LUMINAIRE MOUNTING HEIGHT, 15 FT MAST ARM AND TWO LED LUMINAIRES (LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H), WITH TYPE III DISTRIBUTION, 120V DRIVER, 6 AMP FUSE & NEUTRAL SLUG

H(90) — OUTPUT DESIGNATION (ORIENTATION IN DEGREES, IF APPLICABLE)

PROPOSED COMBO LIGHTING CABLE IN CONDUIT, 2-1/C #10 ROUTED THROUGH TRAFFIC CONDUIT (SEE TRAFFIC PLANS FOR CONDUIT SIZE AND CONDUIT ROUTE)

NOTES:

1. THE PROPOSED COMBINATION LIGHTING CIRCUITS SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
2. COMBINATION POLE LUMINAIRES ARE POWERED FROM TRAFFIC CONTROLLERS. SEE TRAFFIC SIGNAL PLANS.
3. THE COMBINATION LIGHTING CABLE AND TRAFFIC SIGNAL CABLES WILL BE IN A SHARED CONDUIT.
4. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBINATION POLES, HANDHOLES AND CONDUIT.
5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBINATION POLES. CIRCUITING SHOWN. IS FOR ELECTRICAL CONNECTIONS ONLY.
6. SPLICING IS NOT ALLOWED IN BELOW GRADE HANDHOLES.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\LGT_D264N98_19.sht


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

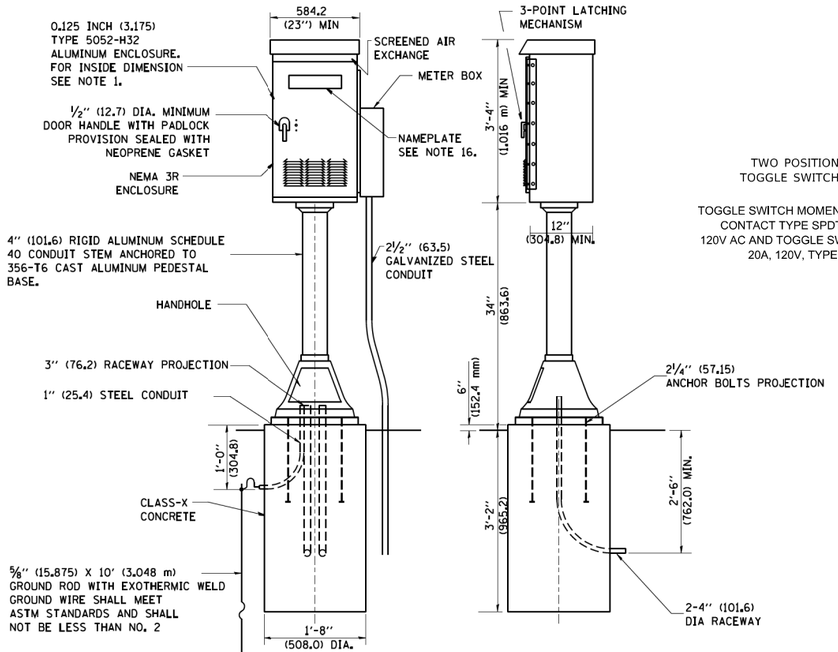

| | | | |
|---|---|---|---|
| USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

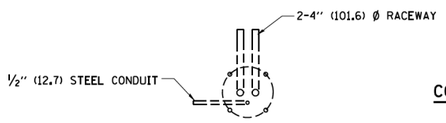
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**PROPOSED INTERSECTION LIGHTING PLAN (2 OF 2)**

SCALE: 1:40 | SHEET 2 OF 2 SHEETS | STA. | TO STA.

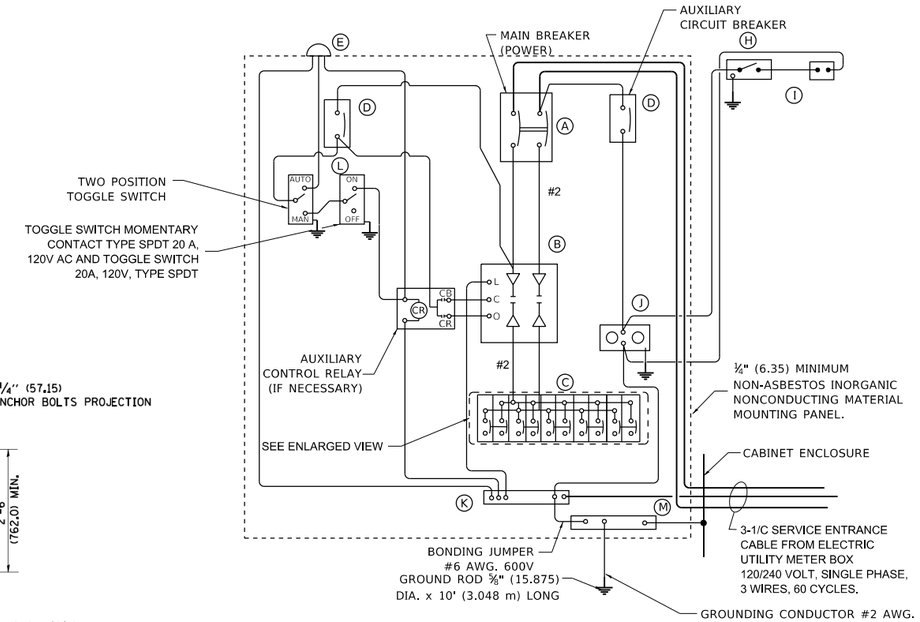
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 426 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |




FOUNDATION PLAN

## CONTROL CABINET

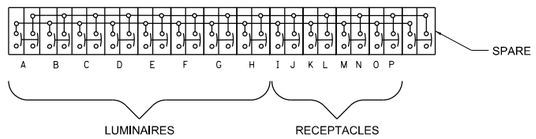



**PANEL WIRING DIAGRAM**

## PANEL EQUIPMENT

BILL OF MATERIAL

| ITEM | QUANTITY | DESCRIPTION |
|---|---|---|
| A | 1 | MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22,000 AMP. AT 240 VOLT. |
| B | 1 | REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 120 VOLT. |
| C | 13 | CIRCUIT BREAKERS, 2 POLE, 100AMP. FRAME, 30 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22,000 AMP. AT 240V. |
| D | 2 | CONTROL CIRCUIT-CIRCUIT BREAKER. 1 POLE, 120 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 120 V. |
| E | 1 | PHOTOCELL |
| F | - | NOT USED |
| G | - | NOT USED |
| H | 1 | SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN, |
| I | 1 | INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP. |
| J | 1 | 20 AMP, 120 VOLT, DUPLEX RECEPTACLE, GFCI. |
| K | 1 | COPPER NEUTRAL BUS ¼" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS |
| L | 1 | TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX. |
| M | 1 | COPPER GROUND BUS 1#4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS. |




**ITEM C ENLARGED VIEW**

NOTES:

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
3. IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
4. DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
5. DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
6. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A ¼" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
7. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
8. CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
9. METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
10. CABINETS SHALL BE PRIMED AND PAINTED ~~AS SPECIFIED.~~ DARK GREEN (RAL 6005)
11. THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
12. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
    R = RED BL = BLUE W = WHITE
    B = BLACK Y = YELLOW G = GREEN
13. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
14. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
15. THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
16. 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO ~~"STATE OF ILLINOIS LIGHTING CONTROLS"~~ UNLESS OTHERWISE SPECIFIED.

"CITY OF ROCHELLE STREET LIGHTING"

# CITY OF ROCHELLE LIGHTING CONTROLLER

N.T.S.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

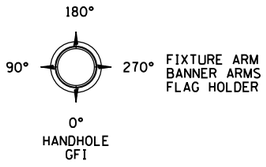
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

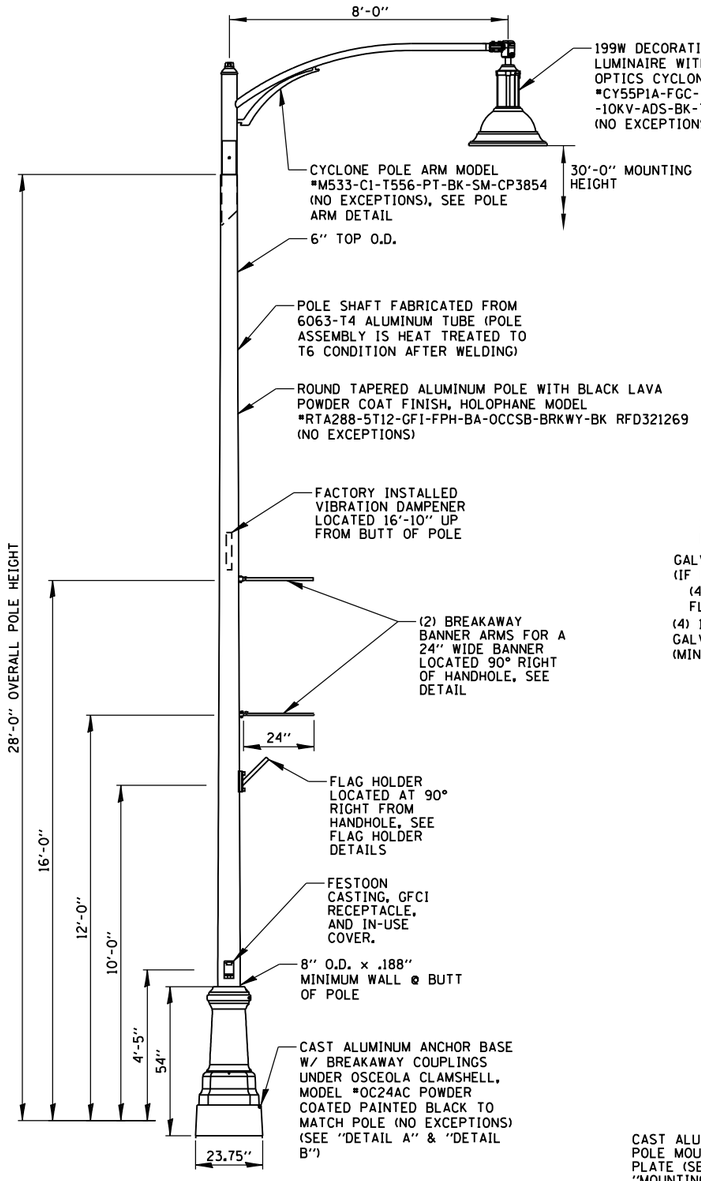
**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**LIGHTING DETAILS (1 OF 6)**

SCALE: N.T.S. | SHEET 1 OF 6 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 427 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\ElectMast\LOT_D284N98_01.sht

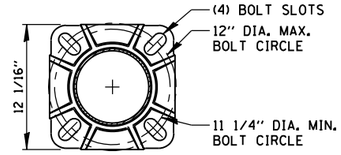


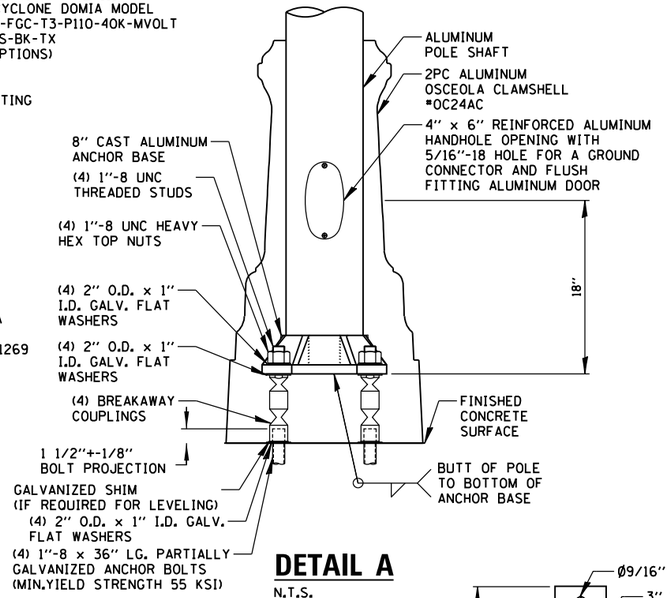

## ROCHELLE DECORATIVE LIGHTING UNIT
N.T.S.

NOTES:

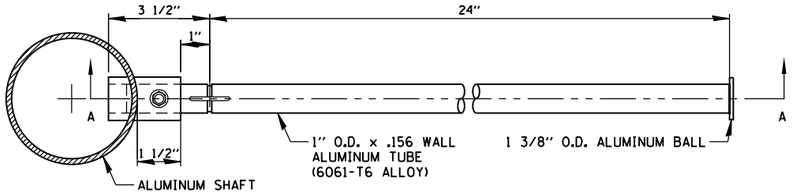
1. PAID FOR UNDER "LIGHTING UNIT COMPLETE (SPECIAL)" (SEE SPECIAL PROVISION).



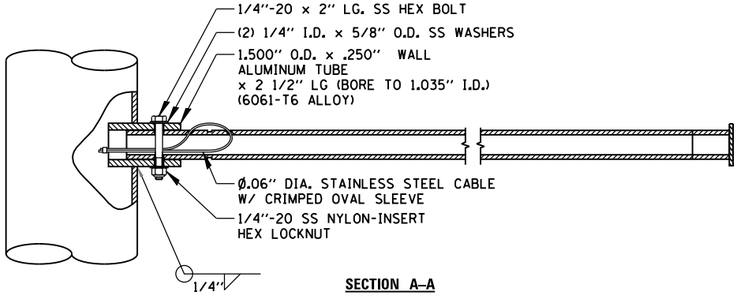

## DETAIL B
N.T.S.



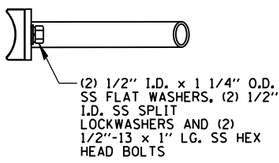

## DETAIL A
N.T.S.




TOP VIEW




SECTION A-A




TOP VIEW

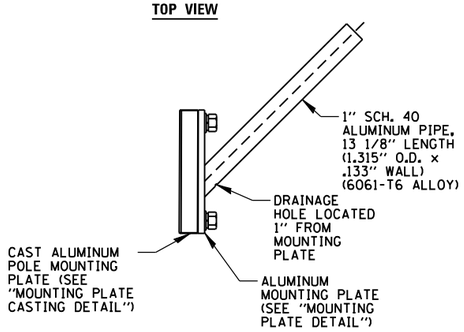
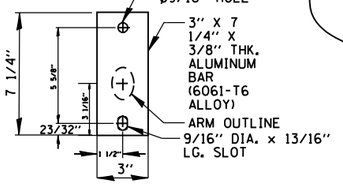
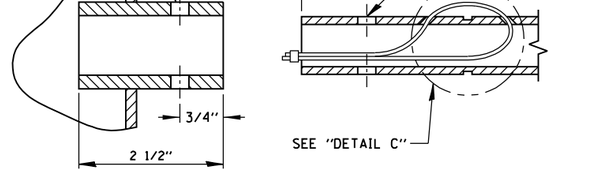


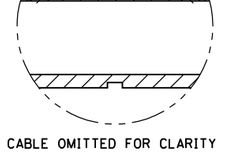

PLATE MOUNT FLAG HOLDER



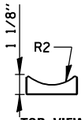

MOUNTING PLATE DETAIL



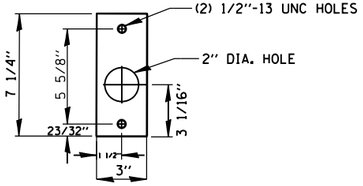

COUPLING DETAIL




DETAIL C



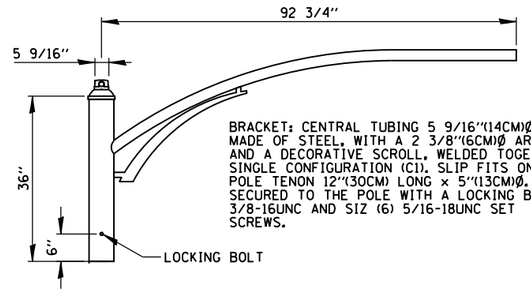

TOP VIEW




MOUNTING PLATE CASTING DETAIL

## PLATE MOUNT FLAG HOLDER
N.T.S.

## BREAKAWAY BANNER ARM
N.T.S.




## POLE ARM DETAIL
N.T.S.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(647) 823-0500

| | | | |
|---|---|---|---|
| USER NAME = nhowell@ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

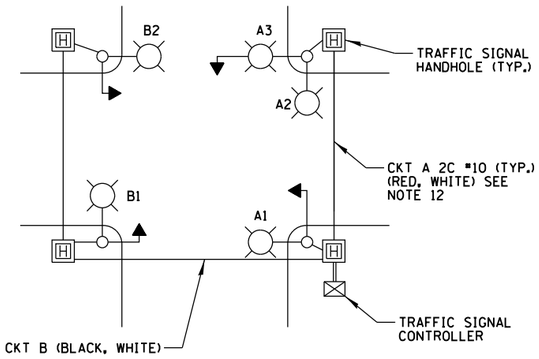
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**LIGHTING DETAILS (2 OF 6)**

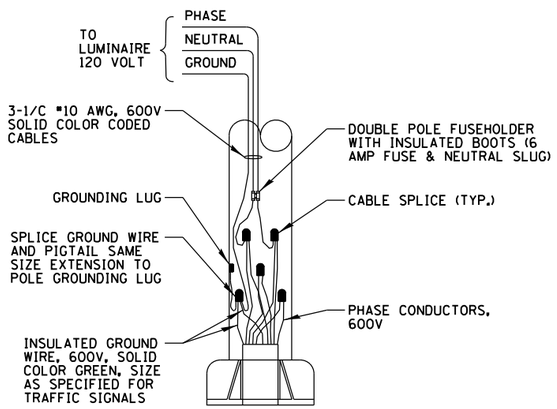
SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 428 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

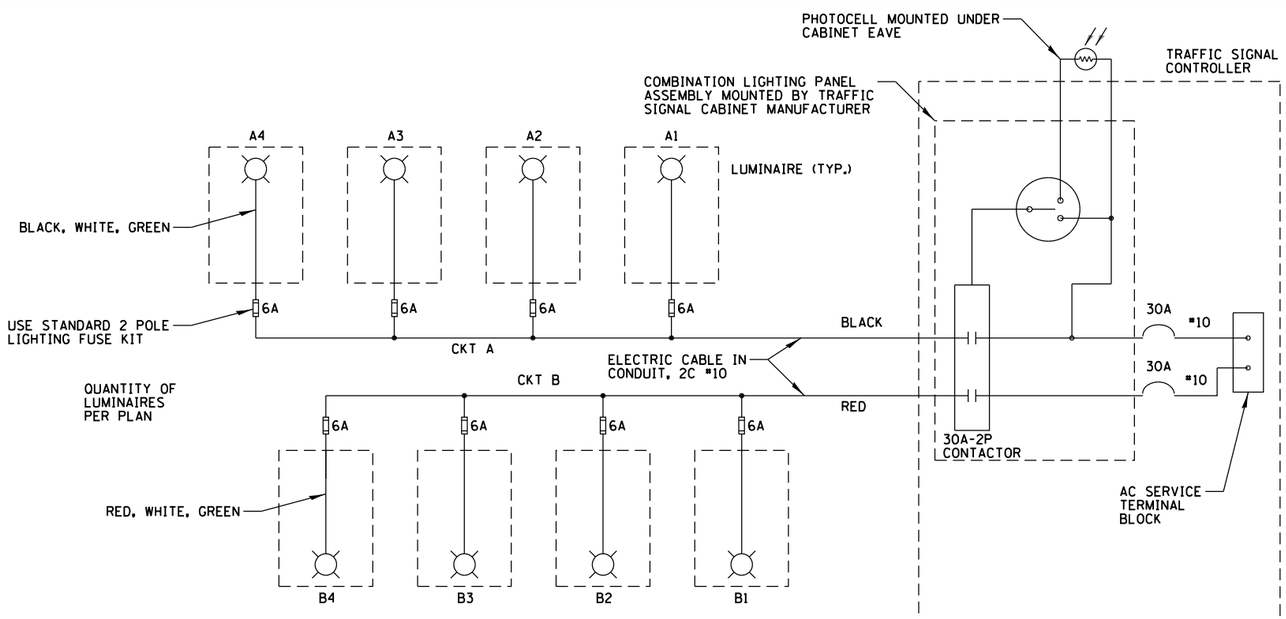
MODEL: Default
FILE NAME: N:\ROT\220628\CAD_Sheets\ElectricalLDT_D284N98_02.dnt




## TYPICAL COMBINATION LIGHTING CIRCUIT




## COMBINATION POLE WIRING



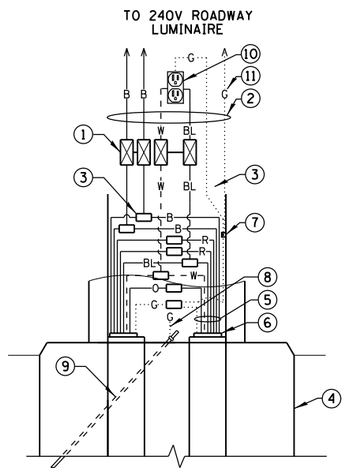

NOTES:

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROLLER" WITH THE POSITIONS, "AUTO", "OFF", AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V.
11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

## COMBINATION LIGHTING TRAFFIC SIGNAL SCHEMATIC

N.T.S.

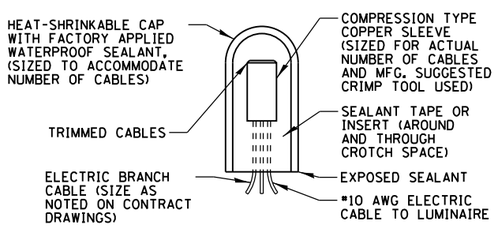
PHASE CONDUCTOR
GROUND CONDUCTOR
NEUTRAL CONDUCTOR




1. 6A FUSE FOR LUMINAIRES AND 2A FUSE FOR FESTOON RECEPTACLE (NEUTRAL SHALL BE NON-FUSED) 2-POLE BREAKAWAY FUSE HOLDER & INSULATING BOOTS (SEE NOTE 1)
2. XLP-TYPE USE POLE WIRES (#10 TO LUMINAIRE & #12 TO RECEPTACLE) COLOR TO MATCH BRANCH WIRING
3. MULTIPLE COMPRESSION FITTINGS (SPLICE), TYP.
4. CONCRETE FOUNDATION
5. WIRES AS SHOWN ON PLANS
6. PROPOSED LIGHTING DUCT PULLED THROUGH PVC RACEWAY
7. POLE GROUND LUG
8. NO. 6 GROUND WIRE MECHANICALLY CLAMPED TO GROUND ROD
9. GROUND ROD
10. 20A-120V GFCI-WR RECEPTACLE (MAX 180W LOAD)
11. WIRE COLOR
    R=RED, B=BLACK } LIGHTING
    BL=BLUE, O=ORANGE, W=WHITE } RECEPTACLES (SHARED NEUTRAL CIRCUIT)
    G=GREEN

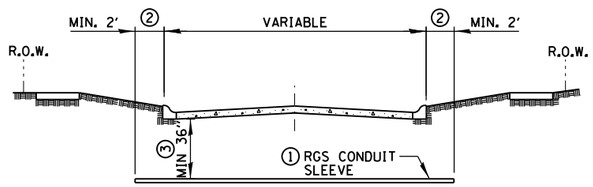
## DECORATIVE POLE HANDHOLE WIRING DIAGRAM

N.T.S.

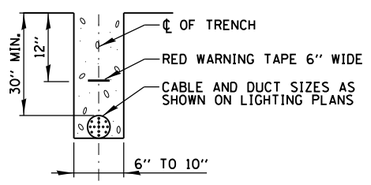



## SPLICING ELECTRIC CABLE

N.T.S.




## ROADWAY CROSSING




## TRENCH CROSS SECTION

1. SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
2. SLEEVE SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
3. SLEEVE SHALL BE A MINIMUM OF 36" BELOW ROADWAY OR CURB BOTTOM.

## ELECTRIC CONDUIT INSTALLATION

N.T.S.

MODEL: Default
FILE NAME: N:\DOT\220628\CAD_Sheets\Electrical\LDT_D284N98_03.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | | | |
|---|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - |
| | DRAWN - RMS/RJJ | REVISED - |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**LIGHTING DETAILS (3 OF 6)**

SCALE: N.T.S. | SHEET 3 OF 6 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 429 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

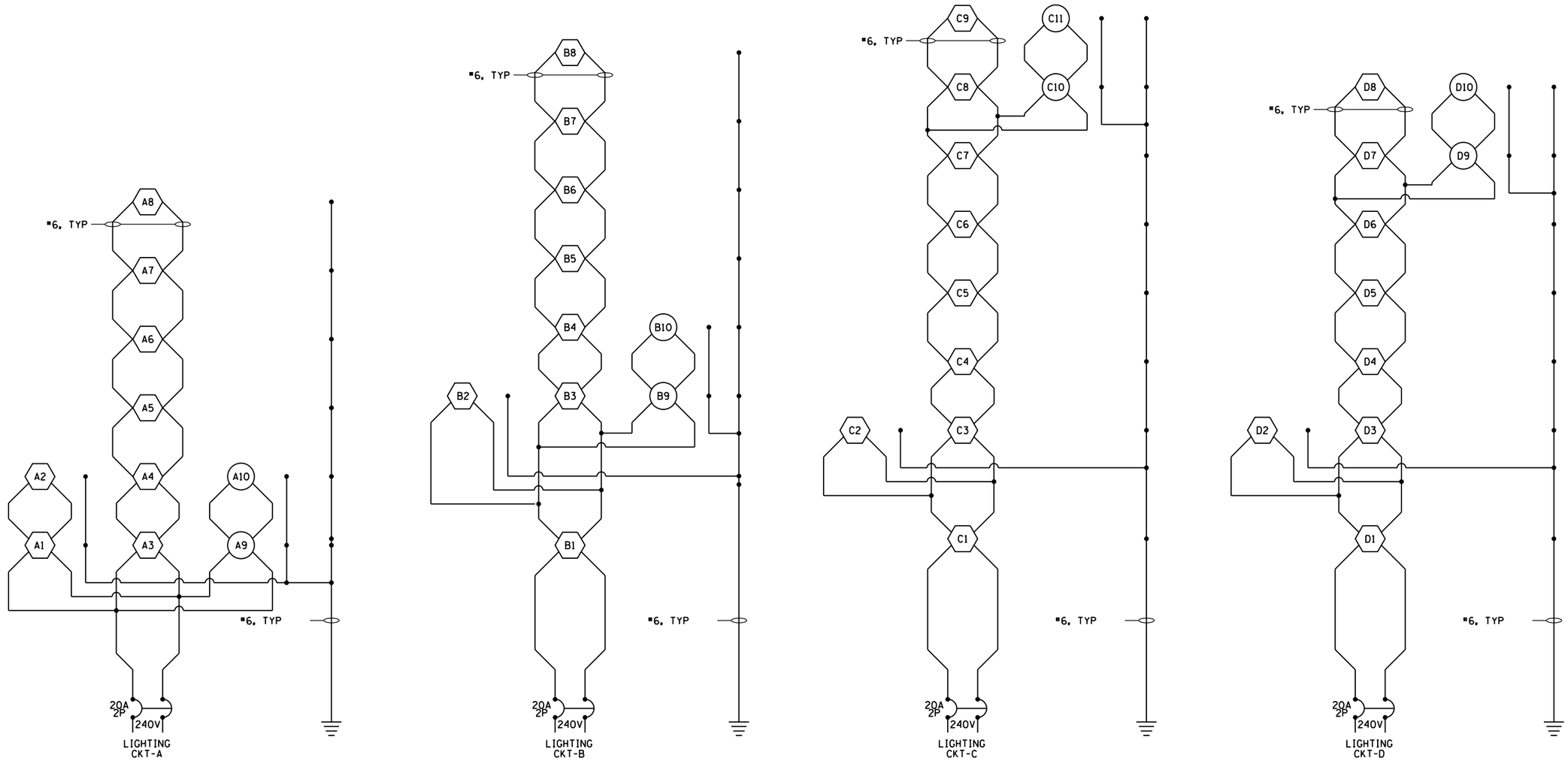
## LEGEND

A1 PROPOSED 212W LED LUMINAIRE

A1 PROPOSED 114W LED LUMINAIRE

PROPOSED WIRE

GROUND IN PANEL




## LIGHTING ONE-LINE DIAGRAM FOR CONTROLLER "C1"

N.T.S.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\Electrical\LDT_D264N98_04.sht

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellindgren | DESIGNED - AJD/RJJ | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38 RECONSTRUCTION ROADWAY LIGHTING LIGHTING DETAILS (4 OF 6) |
| | | DRAWN - RMS/RJJ | REVISED - | | |
| | PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | | |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 430 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

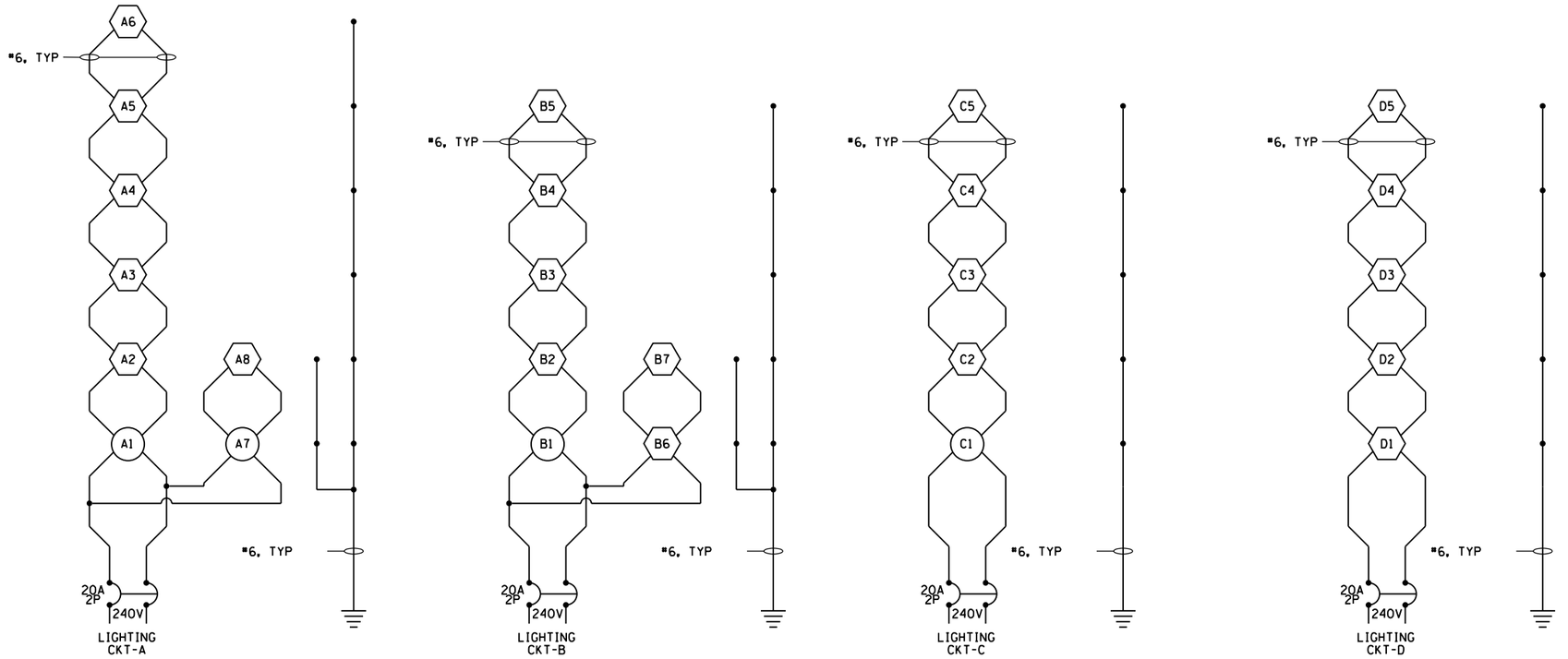
## LEGEND

A1 PROPOSED 199W LED LUMINAIRE

A1 PROPOSED 212W LED LUMINAIRE

PROPOSED WIRE

GROUND IN PANEL




# LIGHTING ONE-LINE DIAGRAM FOR CITY OF ROCHELLE CONTROLLER "C2"

N.T.S.

MODEL: Default
FILE NAME: N:\IDOT\220628\CAD_Sheets\ElectricalIDOT_D284N98_05.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowell\ndgren | DESIGNED - AJD/RJJ | REVISED - | |
| | DRAWN - RMS/RJJ | REVISED - | |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**LIGHTING DETAILS (5 OF 6)**

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

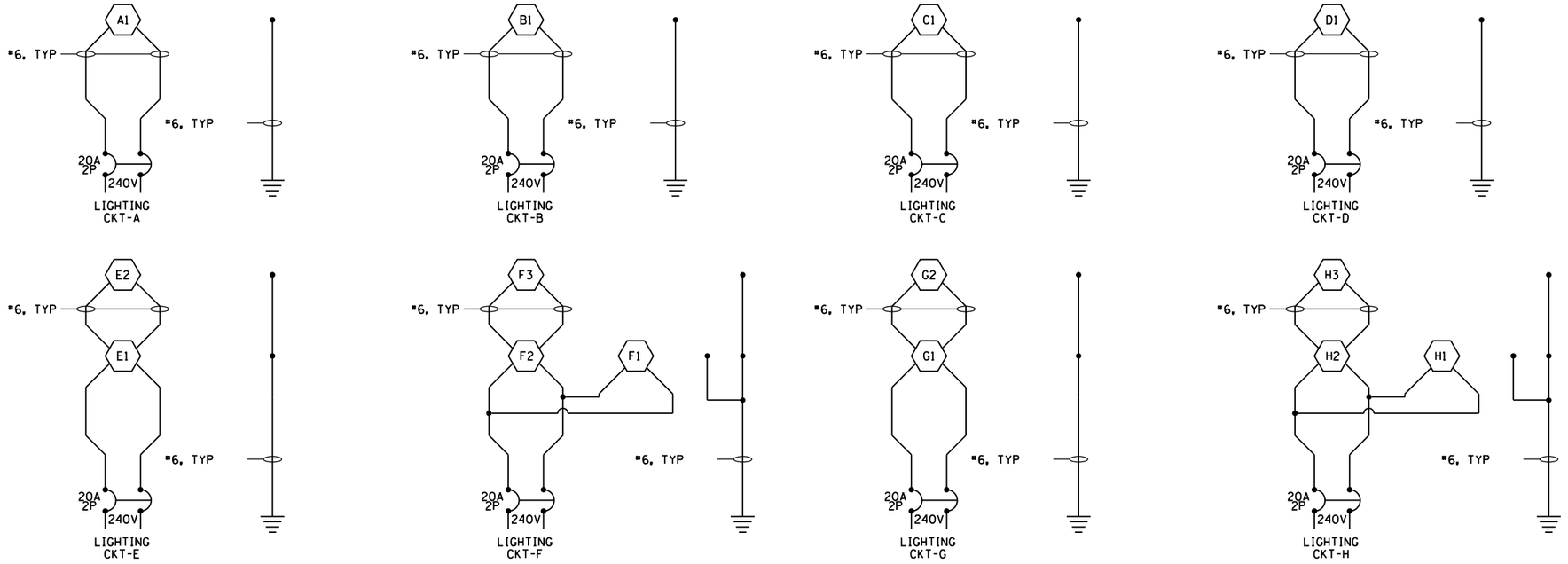
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 431 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## LEGEND

A1 — PROPOSED 199W LED LUMINAIRE

PROPOSED WIRE

GROUND IN PANEL




# LIGHTING ONE-LINE DIAGRAM FOR CITY OF ROCHELLE CONTROLLER "C3"

N.T.S.

Illinois Department of Transportation

Print Form | Reset Form

**Luminaire Performance Table**

**Project**

| Date | Contract Number | Section Number | County |
|---|---|---|---|
| 02/23/25 | 64N98 | 141-1HBR-3 & (9,10) R3 | Ogle |

| Marked Route Number | Municipality |
|---|---|
| Illinois Route 38 | Rochelle |

**Roadway**

| Lane Width (see note 4) | Number and Direction of lanes | Median Width | Surface Classification | Q-Zero Value |
|---|---|---|---|---|
| 84 | 6 (3L/3R) | 0 | R3 | 0.07 |

**Structure**

| Mounting Height | Arm Length | Set-Back (see note 1) | Number of Luminaries |
|---|---|---|---|
| 45 | 15 | 3 | 8 |

**Luminaire**

| Description | Transverse Distribution | Lateral Distribution |
|---|---|---|
| LED, Roadway, Output Designation G | Type III | Medium |

| Total Light Loss Factor (LLF) | B-U-G Rating | Shields | Dimming Protocol |
|---|---|---|---|
| 0.70 | B3-U0-G3 | N/A | N/A |

**Layout**

| Spacing | Configuration |
|---|---|
| 150 | Opposite |

**Performance (see notes 5 and 6)**

| Average Illuminance, $E_{AVE}$ (fc) | Uniformity Ratio, $E_{AVE}/E_{MIN}$ |
|---|---|
| N/A | N/A |

| Average Luminance, $L_{AVE}$ (cd/m²) | Uniformity Ratio, $L_{AVE}/L_{MIN}$ | Uniformity Ratio, $L_{MAX}/L_{MIN}$ | Veiling Luminance Ratio, $L_V/L_{AVE}$ |
|---|---|---|---|
| 0.90 - 1.35 | 3.0 | 5.0 | 0.30 |

**Light Tresspass (see notes 5 and 7)**

| Distance to ROW (behind pole) | Max. Horizontal Illuminance at ROW, $E_H$ | Max. Vertical Illuminance at ROW, $E_V$ |
|---|---|---|
| N/A | N/A | N/A |

**Notes**

Printed 02/23/25 — BDE 5630 (Rev. 06/06/24)

## OUTPUT DESIGNATION G
## LUMINAIRE PERFORMANCE TABLE

Illinois Department of Transportation

Print Form | Reset Form

**Luminaire Performance Table**

**Project**

| Date | Contract Number | Section Number | County |
|---|---|---|---|
| 02/23/25 | 64N98 | 141-1HBR-3 & (9,10) R3 | Ogle |

| Marked Route Number | Municipality |
|---|---|
| Illinois Route 38 | Rochelle |

**Roadway**

| Lane Width (see note 4) | Number and Direction of lanes | Median Width | Surface Classification | Q-Zero Value |
|---|---|---|---|---|
| 41 | 3 (0L/3R) | 0 | R3 | 0.07 |

**Structure**

| Mounting Height | Arm Length | Set-Back (see note 1) | Number of Luminaries |
|---|---|---|---|
| 40 | 15 | 14 | 54 |

**Luminaire**

| Description | Transverse Distribution | Lateral Distribution |
|---|---|---|
| LED, Roadway, Output Designation H | Type III | Medium |

| Total Light Loss Factor (LLF) | B-U-G Rating | Shields | Dimming Protocol |
|---|---|---|---|
| 0.70 | B4-U0-G4 | N/A | N/A |

**Layout**

| Spacing | Configuration |
|---|---|
| 190 | Opposite |

**Performance (see notes 5 and 6)**

| Average Illuminance, $E_{AVE}$ (fc) | Uniformity Ratio, $E_{AVE}/E_{MIN}$ |
|---|---|
| N/A | N/A |

| Average Luminance, $L_{AVE}$ (cd/m²) | Uniformity Ratio, $L_{AVE}/L_{MIN}$ | Uniformity Ratio, $L_{MAX}/L_{MIN}$ | Veiling Luminance Ratio, $L_V/L_{AVE}$ |
|---|---|---|---|
| 0.90 - 1.35 | 3.0 | 5.0 | 0.30 |

**Light Tresspass (see notes 5 and 7)**

| Distance to ROW (behind pole) | Max. Horizontal Illuminance at ROW, $E_H$ | Max. Vertical Illuminance at ROW, $E_V$ |
|---|---|---|
| N/A | N/A | N/A |

**Notes**

Printed 02/23/25 — BDE 5630 (Rev. 06/06/24)

## OUTPUT DESIGNATION H
## LUMINAIRE PERFORMANCE TABLE

Illinois Department of Transportation

Print Form | Reset Form

**Luminaire Performance Table**

**Project**

| Date | Contract Number | Section Number | County |
|---|---|---|---|
| 02/23/25 | 64N98 | 141-1HBR-3 & (9,10) R3 | Ogle |

| Marked Route Number | Municipality |
|---|---|
| Illinois Route 38 | Rochelle |

**Roadway**

| Lane Width (see note 4) | Number and Direction of lanes | Median Width | Surface Classification | Q-Zero Value |
|---|---|---|---|---|
| 83 | 6 (3L/3R) | 0 | R3 | 0.07 |

**Structure**

| Mounting Height | Arm Length | Set-Back (see note 1) | Number of Luminaries |
|---|---|---|---|
| 30 | 8 | 14 | 43 |

**Luminaire**

| Description | Transverse Distribution | Lateral Distribution |
|---|---|---|
| Lighting Unit Complete (Special) | Type III | Medium |

| Total Light Loss Factor (LLF) | B-U-G Rating | Shields | Dimming Protocol |
|---|---|---|---|
| 0.70 | B3-U0-G3 | N/A | N/A |

**Layout**

| Spacing | Configuration |
|---|---|
| 130 | Opposite |

**Performance (see notes 5 and 6)**

| Average Illuminance, $E_{AVE}$ (fc) | Uniformity Ratio, $E_{AVE}/E_{MIN}$ |
|---|---|
| N/A | N/A |

| Average Luminance, $L_{AVE}$ (cd/m²) | Uniformity Ratio, $L_{AVE}/L_{MIN}$ | Uniformity Ratio, $L_{MAX}/L_{MIN}$ | Veiling Luminance Ratio, $L_V/L_{AVE}$ |
|---|---|---|---|
| 0.90 - 1.35 | 3.0 | 5.0 | 0.30 |

**Light Tresspass (see notes 5 and 7)**

| Distance to ROW (behind pole) | Max. Horizontal Illuminance at ROW, $E_H$ | Max. Vertical Illuminance at ROW, $E_V$ |
|---|---|---|
| N/A | N/A | N/A |

**Notes**

Lumen Range: 21,000 - 23,000

Printed 02/23/25 — BDE 5630 (Rev. 06/06/24)

## LIGHTING UNIT COMPLETE (SPECIAL)
## LUMINAIRE PERFORMANCE TABLE


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
847 823-0500


| | | | | |
|---|---|---|---|---|
| USER NAME = rjezierny | DESIGNED - AJD/RJJ | REVISED - |
| | DRAWN - RMS/RJJ | REVISED - |
| PLOT SCALE = 1:40 | CHECKED - AJD | REVISED - |
| PLOT DATE = 2/25/2025 | DATE - | REVISED - |

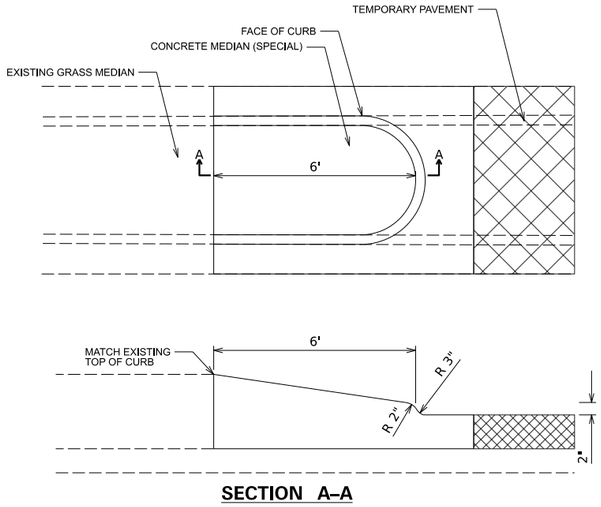
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL 38 RECONSTRUCTION ROADWAY LIGHTING**
**LIGHTING DETAILS (6 OF 6)**

SCALE: N.T.S. | SHEET 6 OF 6 SHEETS | STA. | TO STA.

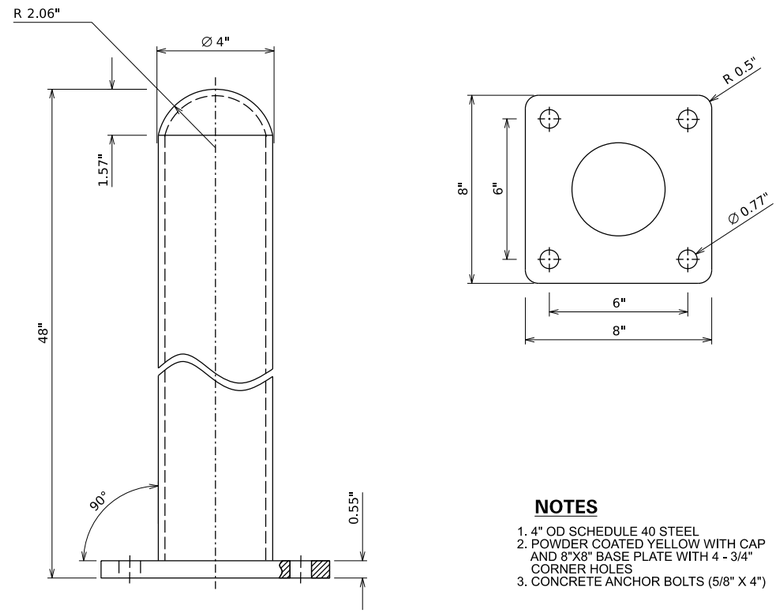
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 567 | 141-1HBR-3 & (9,10) R-3 | OGLE | 508 | 432 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

MODEL: Default
FILE NAME: N:\IDOT\220928\CAD_Sheets\Elec\4xILDT_D264N98_06.sht




SECTION A–A

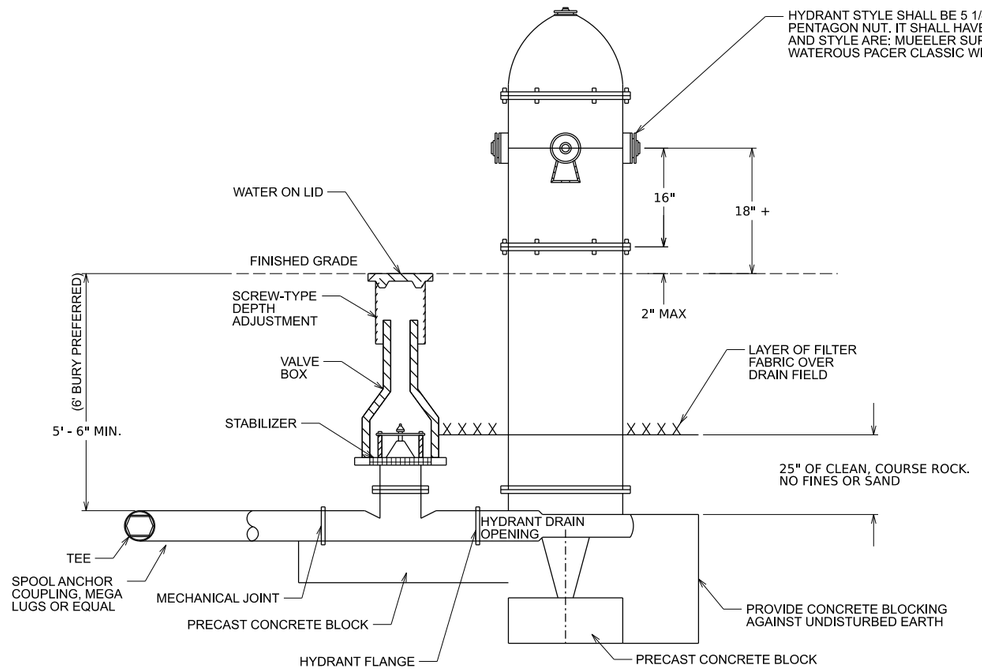
## CONCRETE MEDIAN (SPECIAL) DETAIL



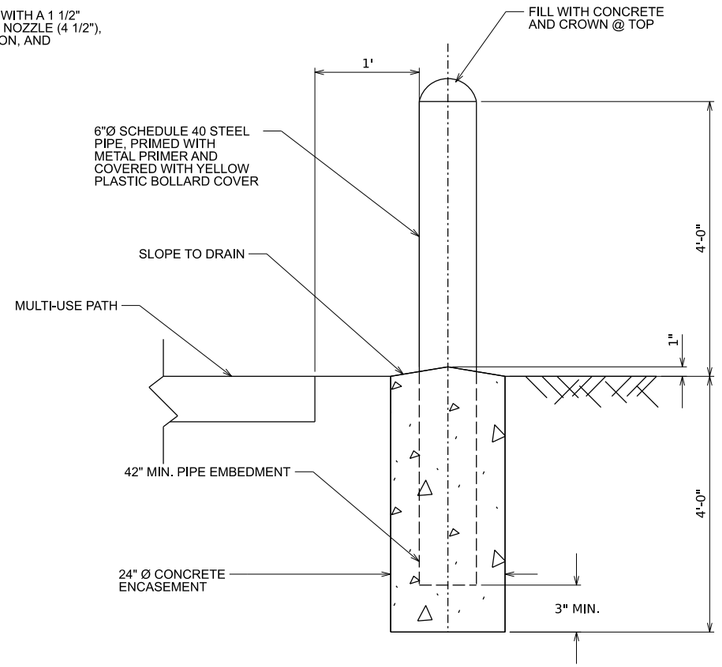

**NOTES**

1. 4" OD SCHEDULE 40 STEEL
2. POWDER COATED YELLOW WITH CAP AND 8"X8" BASE PLATE WITH 4 - 3/4" CORNER HOLES
3. CONCRETE ANCHOR BOLTS (5/8" X 4")

## BOLLARD DETAIL




## FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX DETAIL




**NOTES**

1. SEE SIDEWALK RAMP GRADING DETAILS FOR LOCATIONS
2. THIS WORK PAID FOR UNDER "CONCRETE BOLLARDS". (SEE SPECIAL PROVISION)

## CONCRETE BOLLARDS DETAIL

MODEL: Detail - 1 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-snl-details.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | |
|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - |

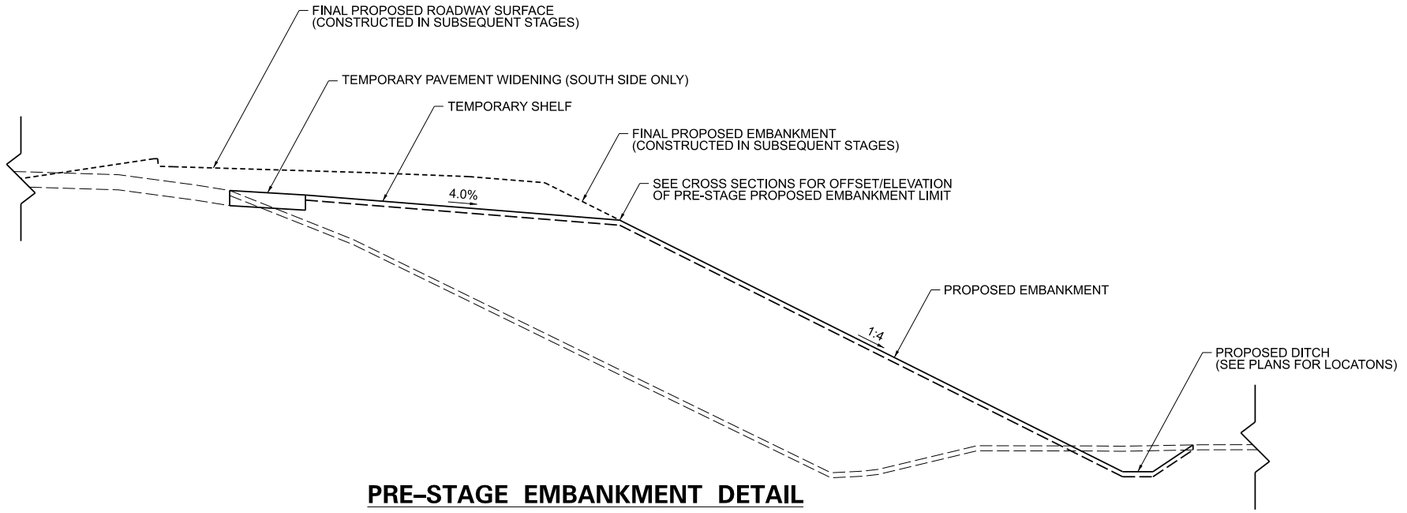
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CONSTRUCTION DETAILS**

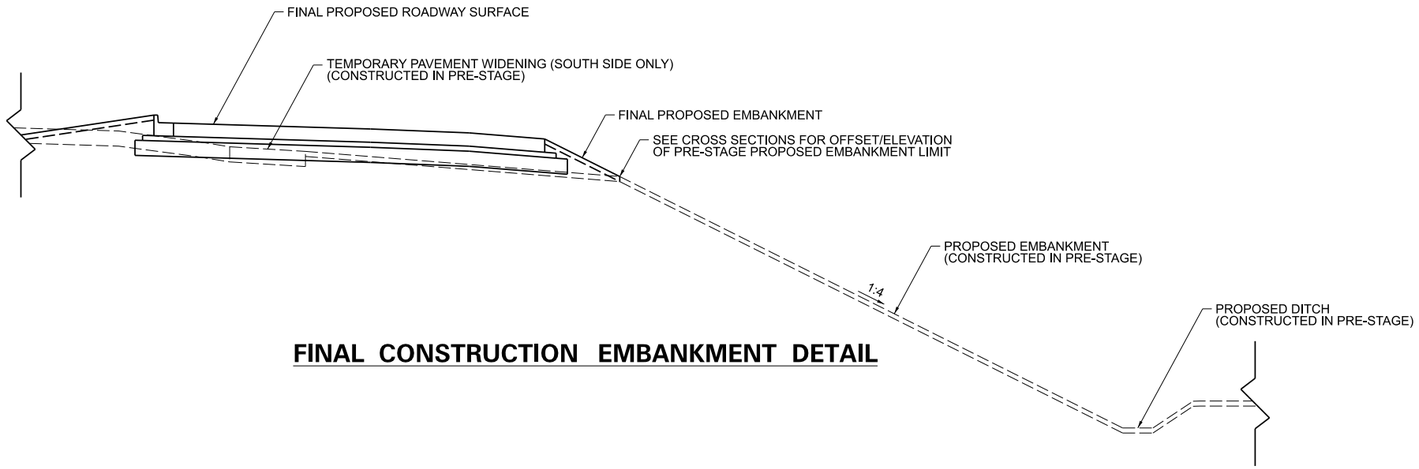
SCALE: N.T.S. | SHEET 1 OF 3 SHEETS | STA. | TO STA.

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 433 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




## PRE–STAGE EMBANKMENT DETAIL




## FINAL CONSTRUCTION EMBANKMENT DETAIL

# STAGED EMBANKMENT DETAILS

MODEL: Detail - 2 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-details.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

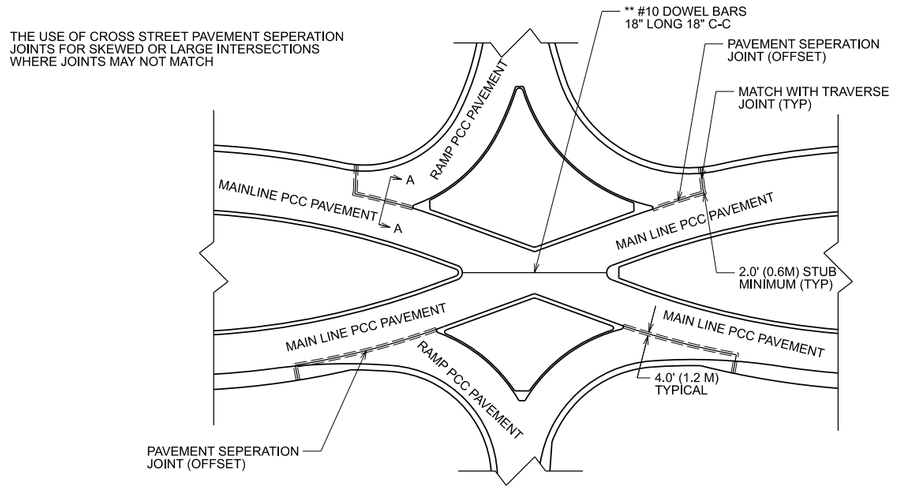
| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/5/2025 | DATE - | REVISED - | |

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CONSTRUCTION DETAILS**

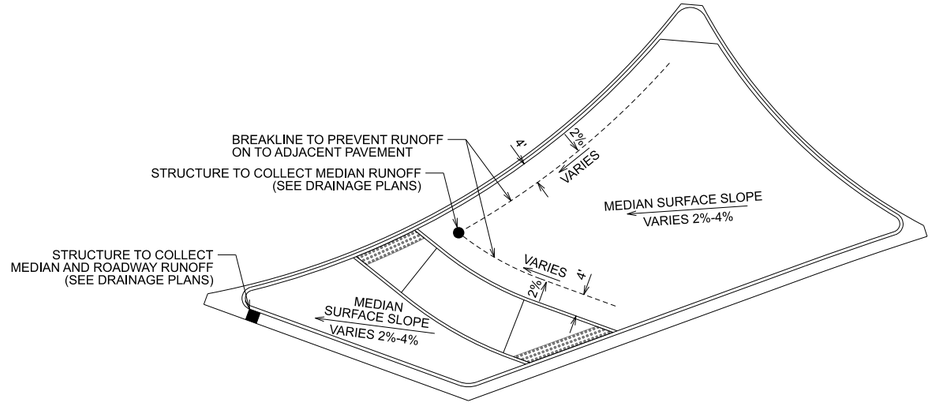
SCALE: N.T.S. | SHEET 2 OF 3 SHEETS | STA. | TO STA.

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 434 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

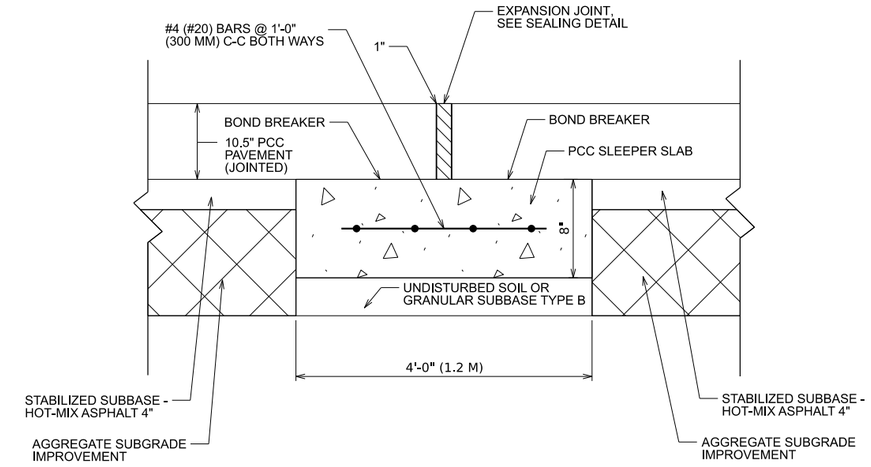
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)



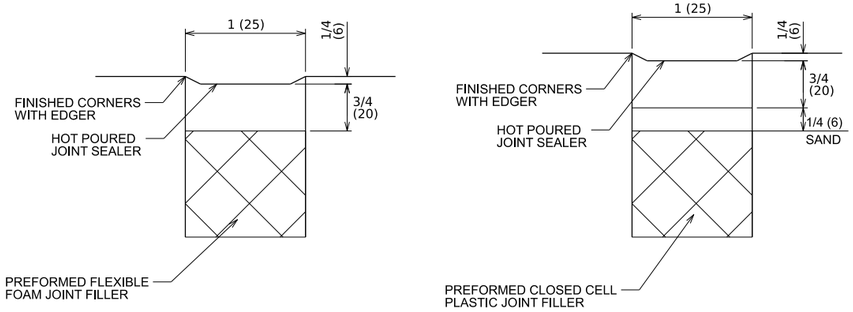

## DETAIL OF PAVEMENT SEPARATION




## TYPICAL MEDIAN DRAINAGE DETAIL




## PROPOSED SECTION A–A




## SEALING DETAIL

### NOTES

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1" PREFORMED EXPANSION JOINT FILLER CONFORMING TO ARTICLE 1051.09 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.

### METHOD OF MEASUREMENT

THIS WORK WILL BE MEASURED FOR PAYMENT IN FEET. MEASURED IN PLACE.

### BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE UNIT PRICE PER FOOT FOR "SLEEPER SLAB".
2. BOND BREAKER, 1" EXPANSION JOINT AND GRANULAR SUBBASE TYPE B SHALL BE INCLUDED IN THE PAY ITEM "SLEEPER SLAB".

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| | | |
|---|---|---|
| USER NAME = jjezierny | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 3/20/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CONSTRUCTION DETAILS**

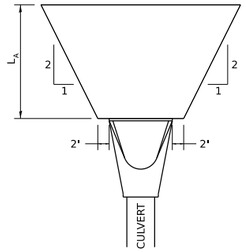
SCALE: 1"=10' | SHEET 3 OF 3 SHEETS | STA. 0+00.00 | TO STA. 3+06.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 435 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

MODEL: Detail - 3 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\CivilD264N98-sht-details.dgn

# RIPRAP AT END SECTIONS

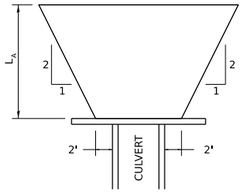



FLARED END SECTION

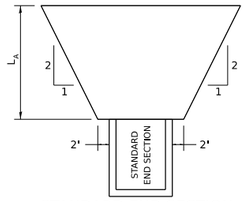
$L_A$ = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH ($L_A$)

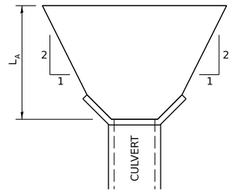
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).




CULVERT WITH HEADWALL




STANDARD END SECTION

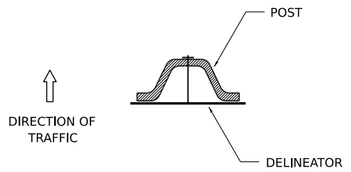



CULVERT WITH WING WALLS

REVISED - 7-13-16
REVISED - 11-12-14
REVISED - 2-10-14

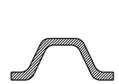
**RIPRAP AT END SECTIONS 19.4**

# DELINEATOR AND POST ORIENTATION

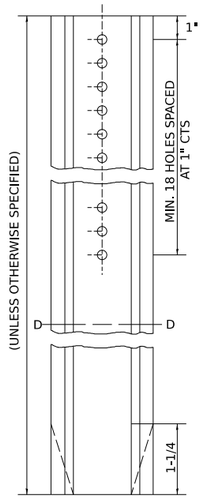



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



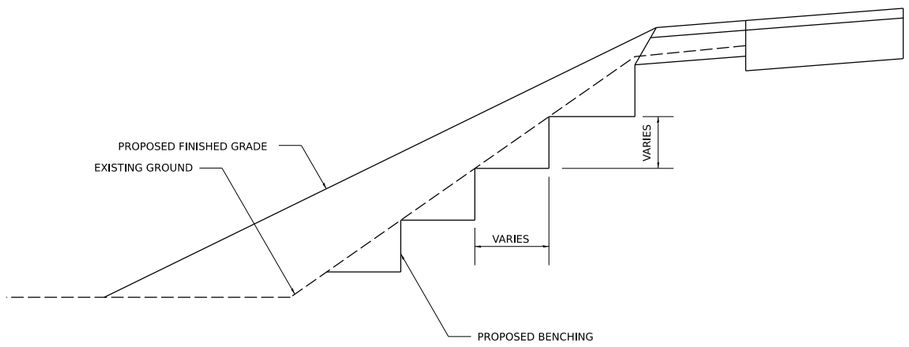
SECTION D-D




REVISED - 10-03-11

**DELINEATOR AND POST ORIENTATION 37.4**

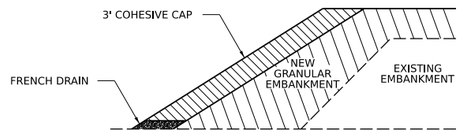
# TYPICAL BENCHING ON EXISTING EMBANKMENT

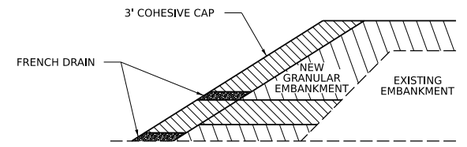



REVISED - 2-22-06

**TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4**

# TYPICAL CONSTRUCTION OF EMBANKMENTS WITH GRANULAR MATERIAL



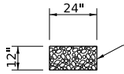

GRANULAR MATERIAL

COHESIVE MATERIAL

NOTES:

WHEN THE CONTRACTOR ELECTS TO USE A GRANULAR TYPE OF MATERIAL TO CONSTRUCT THE NEW EMBANKEMENT, A 3' THICK COHESIVE MATERIAL WILL BE REQUIRED ON THE SLOPE CONSTRUCTED CONCURRENTLY WITH THE GRANULAR EMBANKMENT LIFTS.

IF THE CONTRACTOR SWITCHES BETWEEN GRANULAR TYPES OF MATERIAL LIFTS AND COHESIVE MATERIAL LIFTS IN THE NEWER EMBANKMENT, FRENCH DRAINS SHALL BE CONSTRUCTED EVERY 250' ACCORDING TO ARTICLE 601.06. THE COST OF MATERIALS AND LABOR WILL BE INCLUDED IN THE CONTRACT UNIT PRICE OF EARTH EXCAVATION.




GEOTECHNICAL FABRIC FOR FRENCH DRAINS (ON ALL SIDES EXCEPT FORESLOPE)

FRENCH DRAIN DETAIL

REVISED - 11-01-21

**TYPICAL CONSTRUCTION OF EMBANKMENTS WITH GRANULAR MATERIAL 51.4**

MODEL: IDOT 2 Standards - Plan 1 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-IDOT_D2_STDS.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/5/2025 | DATE - | REVISED - | |

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

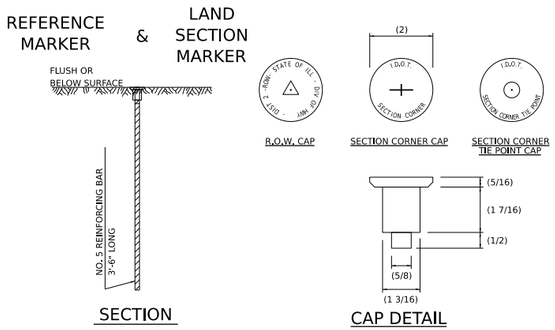
**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 1 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

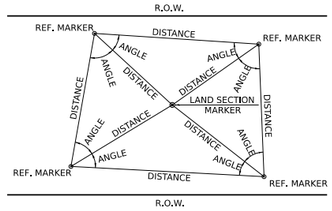
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 436 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

# LAND SECTION & REFERENCE MARKERS




## METHOD OF REFERENCING MARKERS




## METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 3" BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL BE REPLACED BY CORE DRILL AND RESETTING PIN.

ALUMINUM CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY THE SURVEYOR WHO IS RESPONSIBLE FOR MONUMENTING CORNERS.

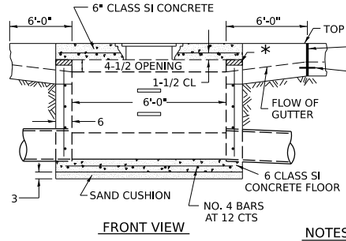
- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-05-10

**LAND SECTION & REFERENCE MARKERS 63.4**

# INLETS, SPECIAL, NO. 5

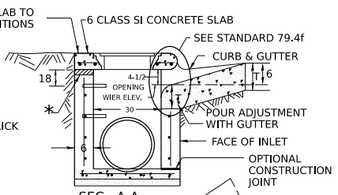



STEPS AT 12 TO 16 CTS.

*THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.




## NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

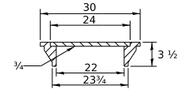
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

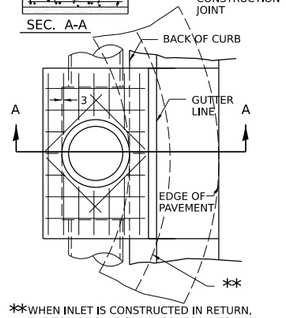
THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

## LIGHT WEIGHT MANHOLE CASTING




TOTAL WEIGHT 160 LBS.

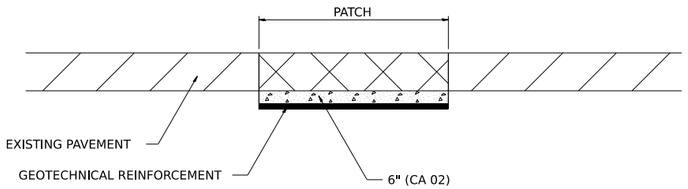



**WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED - 1-05-16
REVISED - 8-27-13
REVISED - 10-04-11

**INLETS, SPECIAL, NO. 5 79.4b**

# SUBGRADE REPLACEMENT




NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

**SUBGRADE REPLACEMENT 97.4**


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

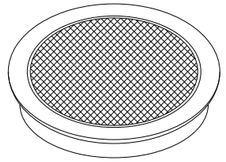
SCALE: 1"=1'-0" | SHEET 2 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 437 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

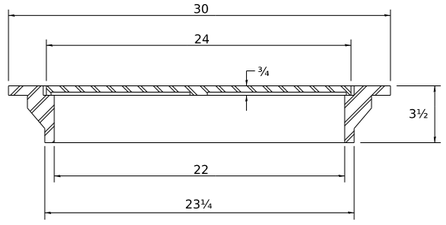
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

MODEL: IDOT 2 Standards - Plan 2 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht4DOT_D2_STDS.dgn

# FIELD TILE JUNCTION VAULTS 2' AND 3' DIA.

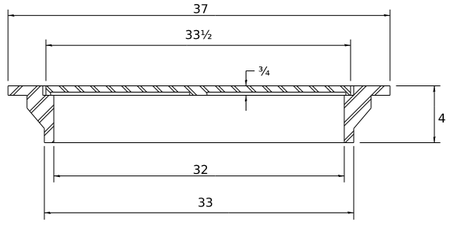


FRAME & LID FOR 2' VAULT

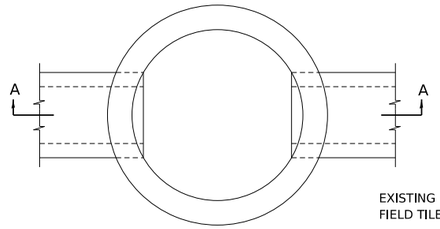



TOTAL WEIGHT: 146 LBS.

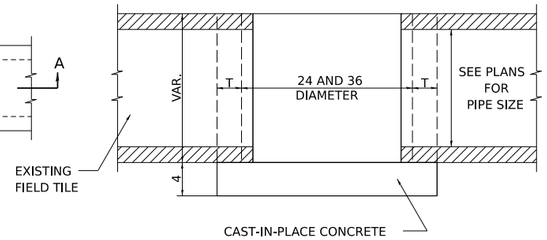
FRAME & LID FOR 3' VAULT




TOTAL WEIGHT: 280 LBS.




PLAN




SECTION A-A

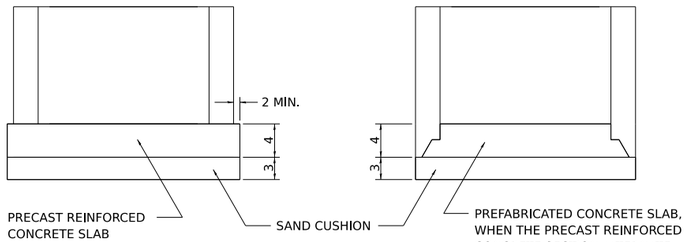
GENERAL NOTES:

THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.
THE FRAME AND LID SHALL BE INSTALLED FLUSH WITH THE GROUND.

FRAME AND LIDS:

R-6040 OR EQUIVALENT (2')
R-6080 OR EQUIVALENT (3')

| ALTERNATE MATERIALS FOR WALLS | T |
|---|---|
| BRICK MASONRY | 8 |
| CAST-IN-PLACE CONCRETE | 6 |
| CONCRETE MASONRY UNIT | 5 |
| PRECAST REINFORCED CONCRETE SECTION | 3 |



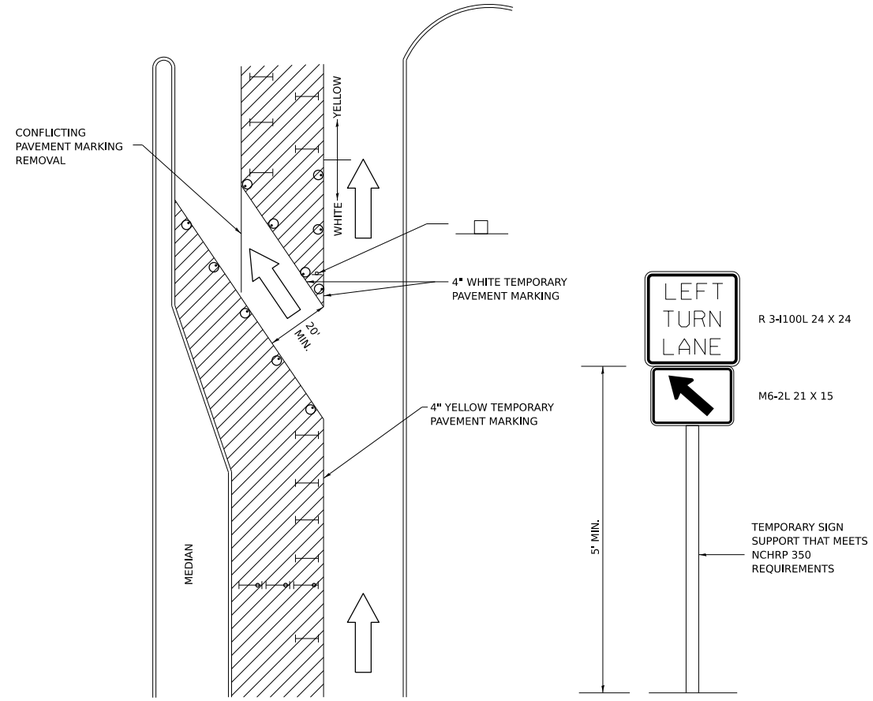

ALTERNATE METHODS

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

REVISED - 1-03-18
REVISED - 6-27-14
REVISED - 10-14-11

**FIELD TILE JUNCTION VAULTS 2' AND 3' DIA. 30.2**

# TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)




LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-14-11

**Traffic Control and Protection at Turn Bays (To Remain Open to Traffic) 94.2**


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

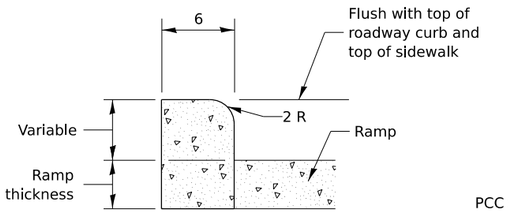
SCALE: 1"=1'-0" | SHEET 3 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 438 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

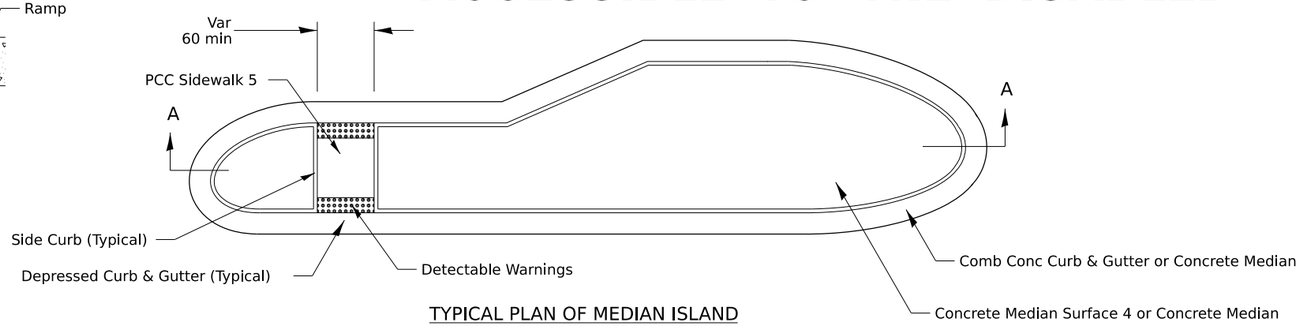
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)


MODEL: IDOT 2 Standards - Plan 3 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

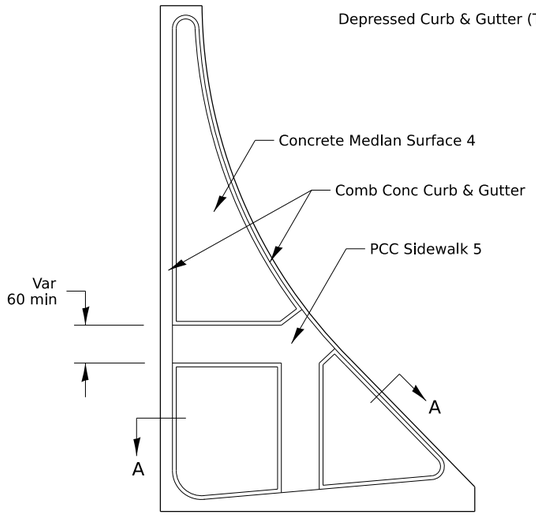
# PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED



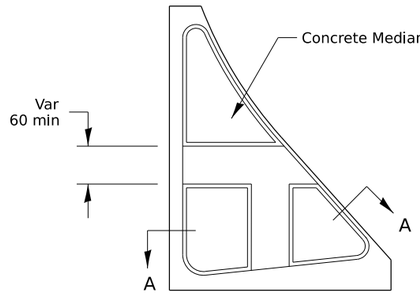

SIDE CURB DETAIL



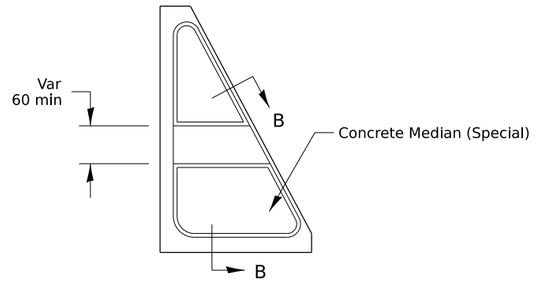

TYPICAL PLAN OF MEDIAN ISLAND




LARGE ISLAND
(Free Flow Design)

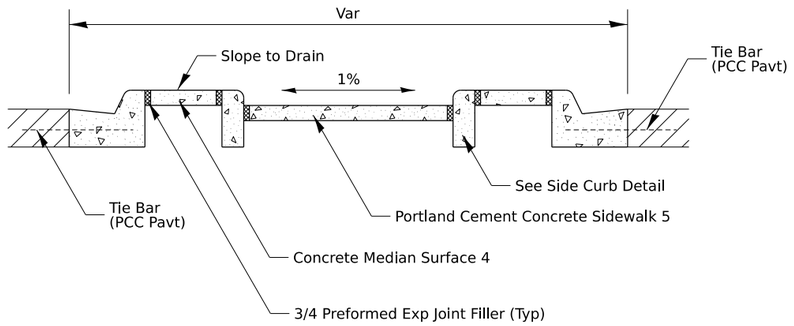



INTERMEDIATE ISLAND
(For Right Turn Lane Design)

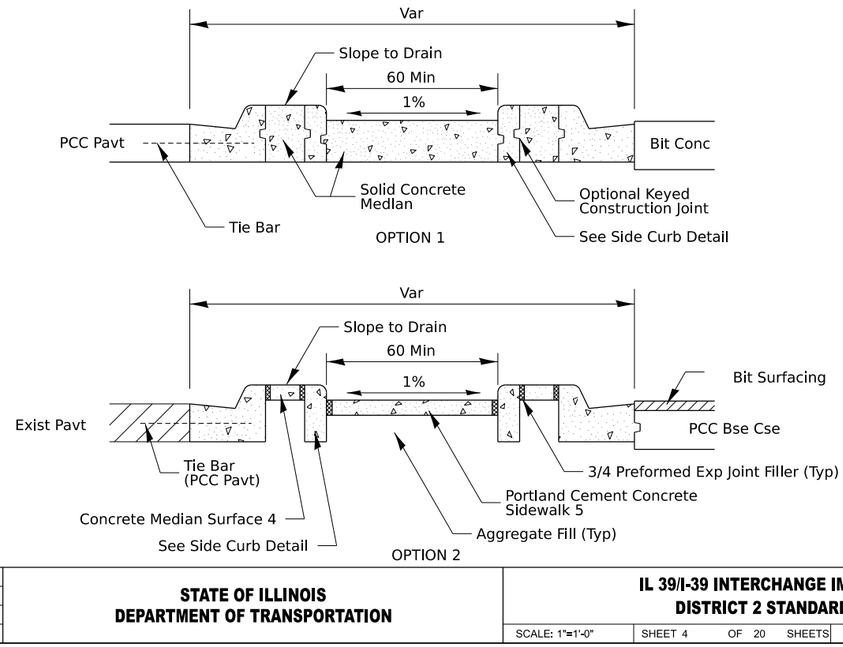



SMALL ISLAND
(For Typical Design)

SECTION A-A




SECTION B-B




General Notes:
See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

Medlans and large Islands shall conslst of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

Small islands will be measured for payment from E.O.P. to E.O.P. uslng either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 4-16-19 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 6-27-14 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 8-27-13 |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 4 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 439 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 587 (IL 38)



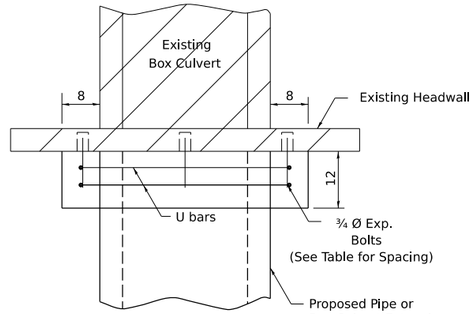

MODEL: IDOT 2 Standards - Plan 4 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

# CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS

## Bill of Materials

| h bar | U bar dimensions | | | | $U_1$ bar dimensions | | | | REINF. BARS | EXPANSION BOLTS ¾" | CONCRETE COLLAR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Quantity | X | Y | Length | Quantity | X | Z | Length | Quantity | LBS | EACH | Cu. Yds. |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | Total | | | |

All h bars 18 Long




PLAN OF CULVERT WITH STRAIGHT HEADWALL

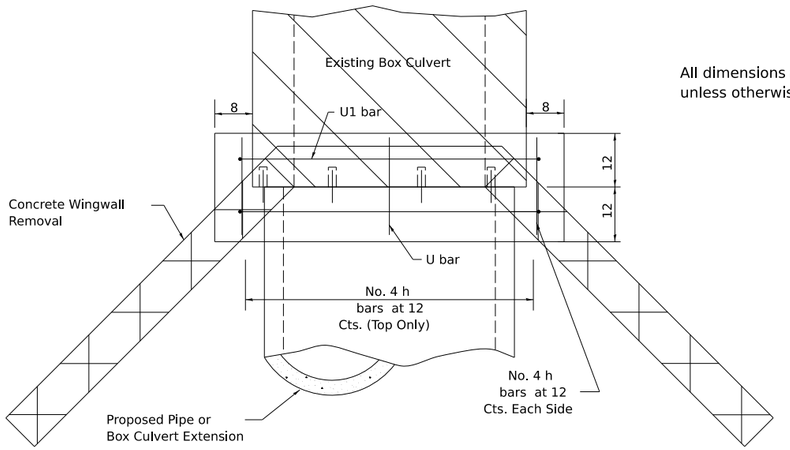
## General Notes

Concrete Collars shall be constructed of Class SI Concrete in accordance with Section 503 of the Standard Specifications

Reinforcement bars shall conform to Section 508 of the Standard Specifications.

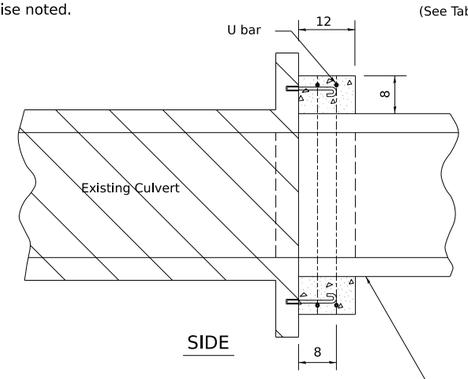
Expansion bolts shall be 3/4 Ø hooked bolts and shall conform to Section 540 of the Standard Specifications.

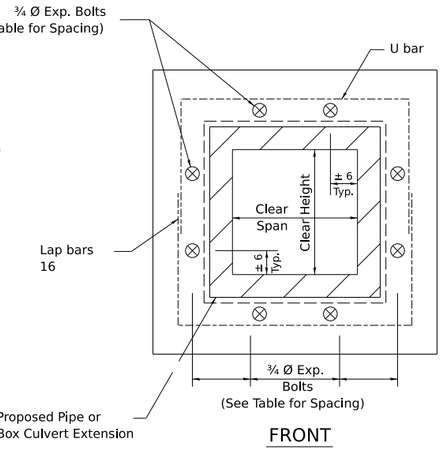
The concrete will be paid for at the contract unit price per cubic yard for CONCRETE COLLAR. Reinforcement will be paid for at the contract unit price per pound for REINFORCEMENT BARS. Expansion Bolts, when required, will be paid for at the contract unit price each for EXPANSION BOLTS ¾ inch, which price shall include furnishing, drilling holes, and installing the expansion bolts complete in place. These bolts shall extend at least 9 inches into the new concrete.

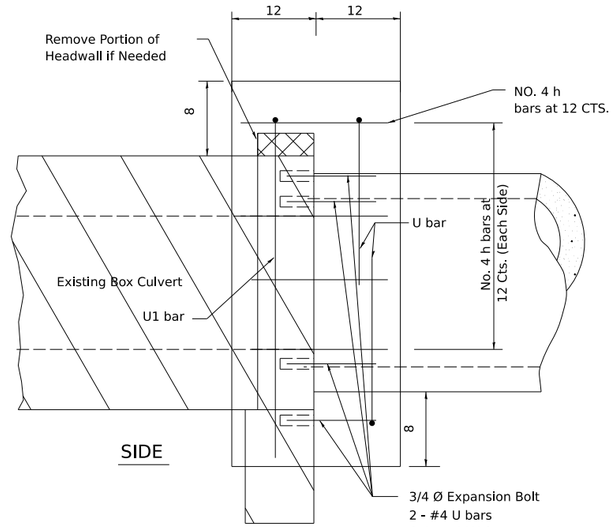


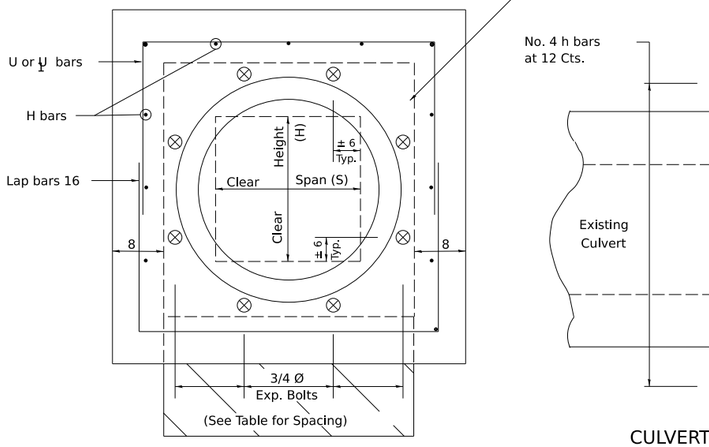

PLAN OF CULVERT WITH ANGLED WING WALLS

All dimensions are in inches unless otherwise noted.

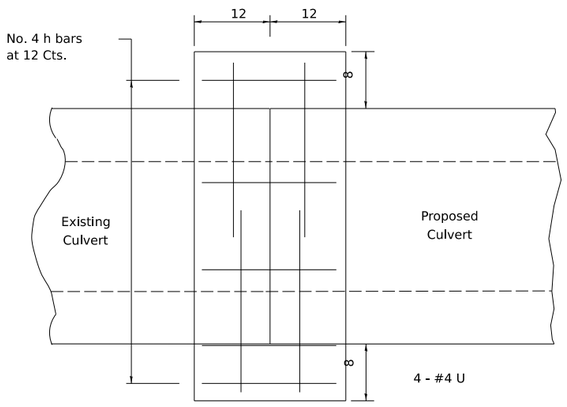


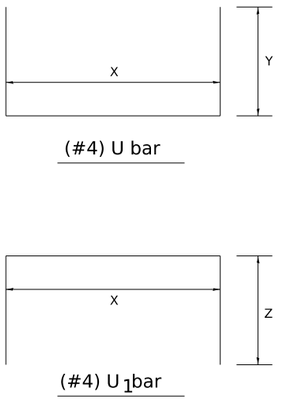




FRONT




CULVERT CONNECTION WITHOUT EXISTING HEADWALL




## PLACEMENT DETAILS FOR EXPANSION BOLTS

| H or S | NUMBER OF EXPANSION BOLTS REQUIRED PER SIDE | | | |
|---|---|---|---|---|
| | EXTENSIONS ≤ 15' | | EXTENSIONS > 15' | |
| | NUMBER * | SPACING | NUMBER * | SPACING |
| 24 | ** | ** | ** | ** |
| 30 | 2 | 18 | 2 | 18 |
| 36 | 2 | 24 | 2 | 24 |
| 48 | 3 | 18 | 3 | 18 |
| 60 | 4 | 16 | 3 | 24 |
| 72 | 5 | 15 | 4 | 20 |
| 84 | 5 | 18 | 4 | 24 |
| 96 | 6 | 17 | 5 | 21 |
| 108 | 6 | 19 | 5 | 24 |
| 120 | 7 | 18 | 6 | 21 |
| 132 | 8 | 17 | 6 | 24 |
| 144 | 8 | 19 | 7 | 22 |

* Expansion bolts based on non-skewed culverts
** Minimum one expansion bolt at each corner

Example:
6' x 4' box culvert to be extended 18' at one end only.

From table find
6' side requires 4 - ¾" Ø expansion bolts at 20" cts.
4' side requires 3 - ¾" Ø expansion bolts at 18" cts.

Total Number required
(4+3)2 = 14 - ¾" Ø expansion bolts.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellindgren | DESIGNED - | REVISED - | 1-18-17 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 6-27-14 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 10-17-11 |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 5 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 440 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

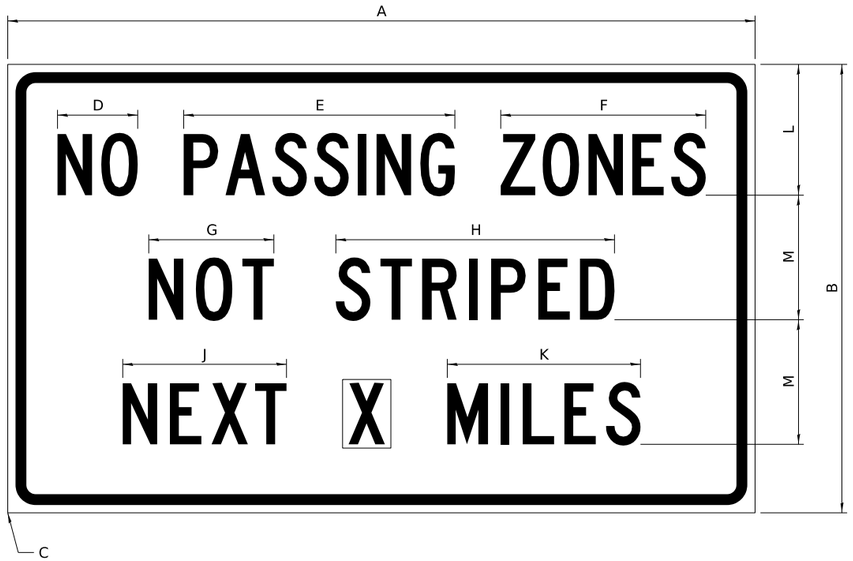
*FAI ROUTE 39 / 90N & FAP 527 (I-88)




MODEL: IDOT 2 Standards - Plan 5 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sheHIDOT_D2_STDS.dgn

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD G20–I100




| | | | |
|---|---|---|---|
| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
| | BACKGROUND | ORANGE | REFLECTORIZED |

| SIGN SIZE | DIMENSIONS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K | L | M |
| 60 x 36 | 60.00 | 36.00 | 2.25 | 6.4 | 21.80 | 16.40 | 10.00 | 22.40 | 13.20 | 15.50 | 10.50 | 10.00 |

| SIGN SIZE | SERIES BY LINE | | | MARGIN | BORDER |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | | |
| 60 x 36 | 5C | 5C | 5C | 0.625 | 0.875 |

Sign not to scale

## GENERAL NOTES

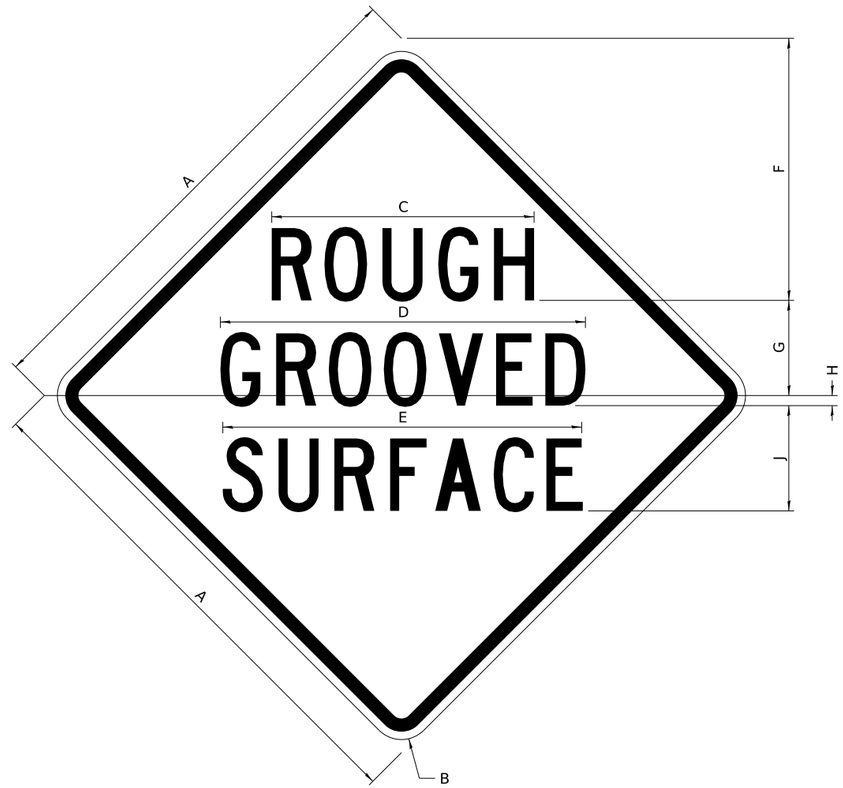
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## ILLINOIS STANDARD W8–I107




| | | | |
|---|---|---|---|
| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
| | BACKGROUND | ORANGE | REFLECTORIZED |

| SIGN SIZE | DIMENSIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J |
| 48 x 48 | 48.00 | 3.00 | 25.00 | 34.80 | 34.20 | 24.94 | 9.00 | 1.00 | 10.00 |

| SIGN SIZE | SERIES BY LINE | | | MARGIN | BORDER |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | | |
| 48 x 48 | 7C | 7C | 7C | 1.250 | 0.750 |

Sign not to scale


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 3-02-16 |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 6 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 441 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

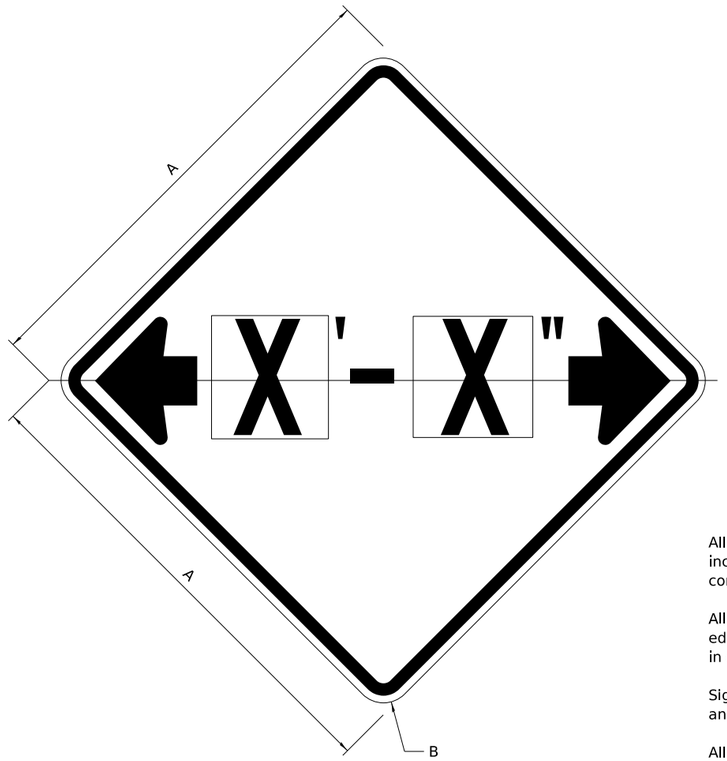



MODEL: IDOT 2 Standards - Plan 6 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD W12–I102

(1)




| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
|---|---|---|---|
| | BACKGROUND | FL ORANGE | REFLECTORIZED |

| SIGN SIZE | DIMENSIONS | |
|---|---|---|
| | A | B |
| 48 x 48 | 48.00 | 3.00 |

| SIGN SIZE | SERIES BY LINE | MARGIN | BORDER |
|---|---|---|---|
| | 1 | | |
| 48 x 48 | 12C | 0.750 | 1.250 |

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

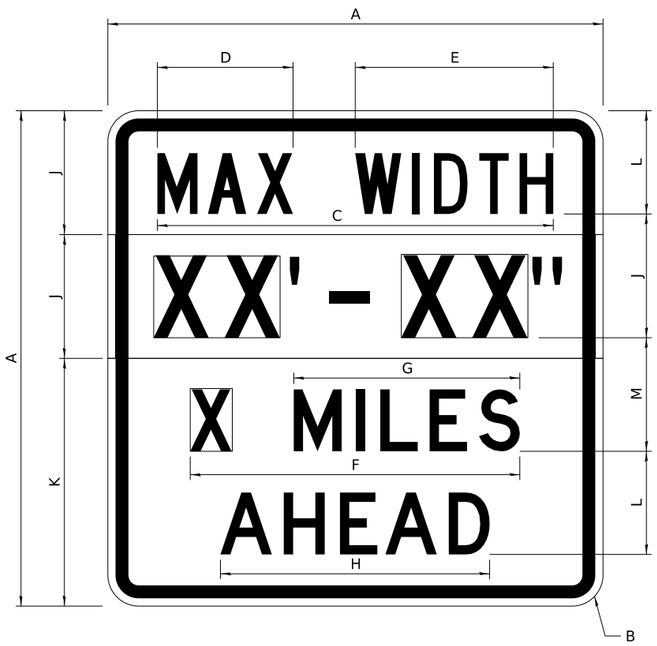
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

(1) Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

## ILLINOIS STANDARD W12–I103

(1)




| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
|---|---|---|---|
| | BACKGROUND | WHITE | REFLECTORIZED |
| | BACKGROUND (WIDTH) | FL ORANGE | REFLECTORIZED |

| SIGN SIZE | DIMENSIONS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K | L | M |
| 48 x 48 | 48.00 | 3.00 | 38.40 | 13.20 | 19.20 | 32.00 | 22.00 | 26.20 | 12.00 | 24.00 | 10.00 | 11.00 |

| SIGN SIZE | SERIES BY LINE | | | | MARGIN | BORDER |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | | |
| 48 x 48 | 6C | 8D | 6D | 6D | 0.750 | 1.250 |

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 3-02-16 |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 7 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 442 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

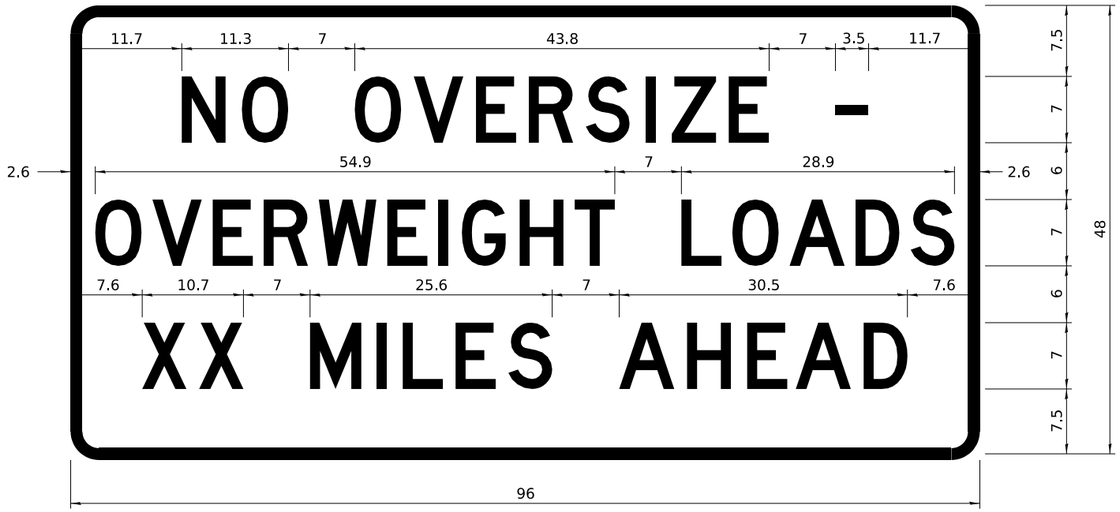
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




MODEL: IDOT 2 Standards - Plan 7 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

# WORK ZONE SIGN DETAILS

## ROAD CLOSED TO OVERSIZED LOADS




COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED
BACKGROUND | ORANGE | REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
Table of letter and object lefts.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| N | O | O | V | E | R | S | I | Z | E | - |
| 11.7 | 18.1 | 30.0 | 36.2 | 42.8 | 48.4 | 54.4 | 60.7 | 63.5 | 69.5 | 80.8 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | V | E | R | W | E | I | G | H | T | L | O | A | D | S |
| 2.6 | 8.6 | 15.0 | 20.4 | 26.2 | 33.4 | 38.8 | 41.3 | 47.4 | 53.2 | 64.5 | 69.9 | 75.9 | 82.9 | 88.7 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| X | X | M | I | L | E | S | A | H | E | A | D |
| 7.6 | 13.6 | 25.3 | 32.3 | 35.1 | 40.6 | 46.2 | 57.9 | 65.1 | 71.4 | 76.6 | 83.7 |

Sign not to scale

## STOP LINE SIGN FOR TEMPORARY SIGNALS

COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED
BACKGROUND | WHITE | REFLECTORIZED

| SIGN SIZE | SERIES BY LINE | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| 24 x 24 | 4C | 4C | 4C |

Sign not to scale

## GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - 3-02-16 | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 8 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 443 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

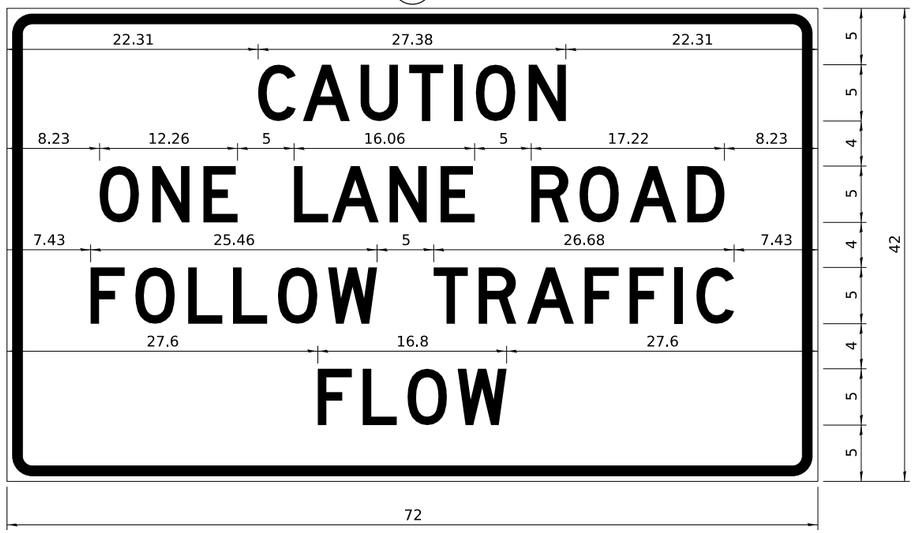



MODEL: IDOT 2 Standards - Plan 8 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D284N98-elnt-IDOT_D2_STDS.dgn

# WORK ZONE SIGN DETAILS

## ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

(2)




| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
|---|---|---|---|
| | BACKGROUND | ORANGE | REFLECTORIZED |

2.25" Radius, 0.88" Border, 0.50" IndenT;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

(2) This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

### Table Of Widths And Spaces

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | | A | | U | | T | | I | | O | | N | |
| 22.31 | 3.36 | 0.62 | 4.18 | 0.94 | 3.36 | 0.94 | 3.04 | 0.94 | 0.78 | 1.17 | 3.52 | 1.17 | 3.36 | 22.31 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | O | | N | | E | |
| 8.23 | 3.51 | 1.17 | 3.36 | 1.18 | 3.04 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | L | | A | | N | | E |
| 5.00 | 3.05 | 0.31 | 4.18 | 0.94 | 3.36 | 1.17 | 3.05 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | R | | O | | A | | D | |
| 5.00 | 3.36 | 0.93 | 3.52 | 0.94 | 4.18 | 0.93 | 3.36 | 8.23 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | F | | O | | L | | L | | O | | W |
| 7.43 | 3.04 | 0.94 | 3.52 | 1.17 | 3.04 | 0.94 | 3.05 | 0.94 | 3.51 | 0.94 | 4.37 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | T | | R | | A | | F | | F | | I | | C | |
| 5.00 | 3.05 | 0.94 | 3.36 | 0.94 | 4.18 | 0.93 | 3.05 | 0.94 | 3.04 | 0.94 | 0.78 | 1.18 | 3.35 | 7.43 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | F | | L | | O | | W | |
| 27.60 | 3.05 | 0.94 | 3.04 | 0.94 | 3.52 | 0.93 | 4.38 | 27.60 |

Sign not to scale

### GENERAL NOTES

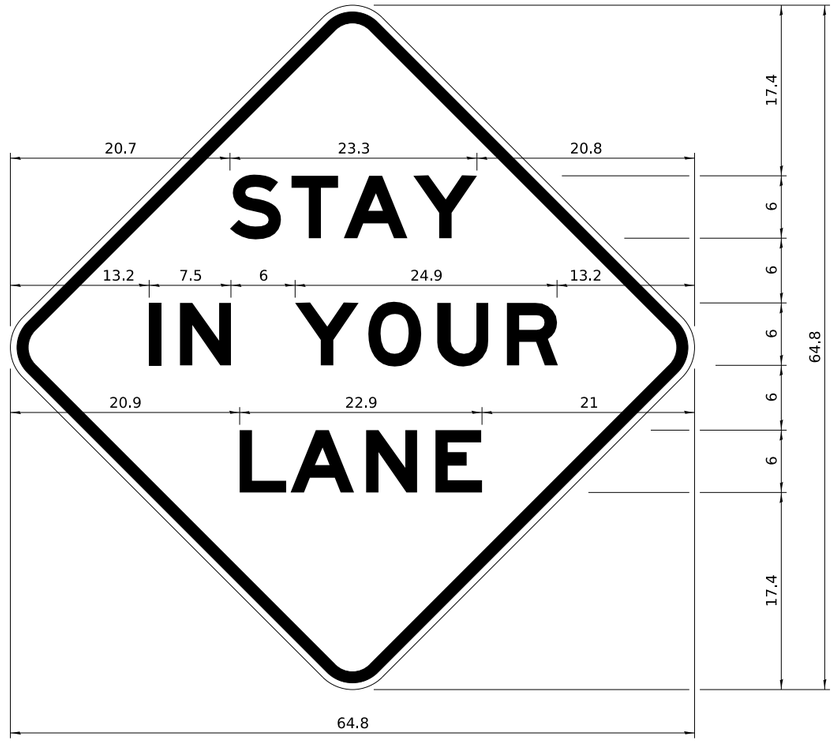
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## STAY IN YOUR LANE




| COLOR | LEGEND AND BORDER | BLACK | NON-REFLECTORIZED |
|---|---|---|---|
| | BACKGROUND | ORANGE | REFLECTORIZED |

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

### Table of Letter and Object Lefts

| S | T | A | Y |
|---|---|---|---|
| 20.7 | 26.8 | 31.6 | 38.0 |

| I | N | Y | O | U | R |
|---|---|---|---|---|---|
| 13.2 | 15.9 | 26.7 | 33.9 | 40.5 | 46.8 |

| L | A | N | E |
|---|---|---|---|
| 20.9 | 25.8 | 33.1 | 39.4 |

Sign not to scale


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 3-02-16 |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 9 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 444 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

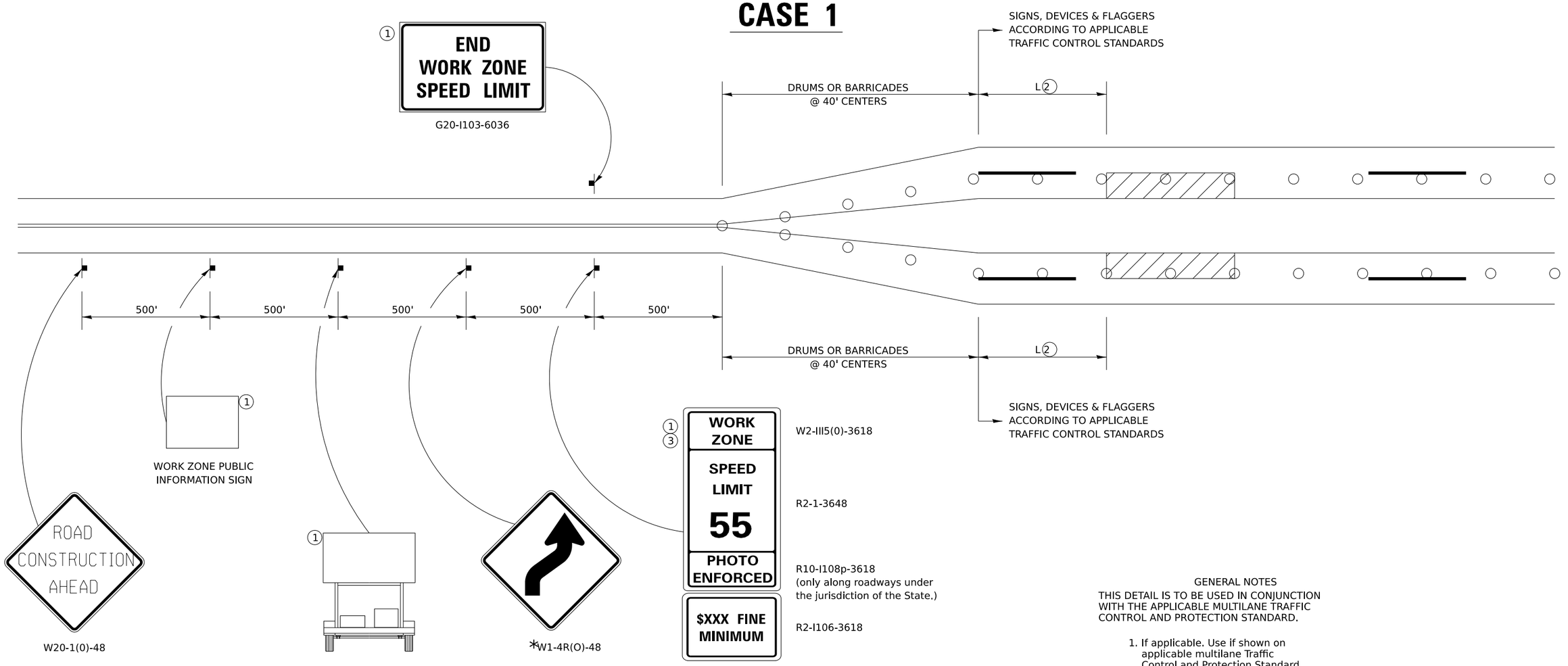
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




MODEL: IDOT 2 Standards - Plan 9 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 1




GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

DRUMS OR BARRICADES WITH LIGHTS

WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

MODEL: IDOT 2 Standards - Plan 10 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - 4-20-17 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 39/I-39 INTERCHANGE IMPROVEMENTS DISTRICT 2 STANDARD DETAILS |
| | | DRAWN - | REVISED - 1-05-16 | | |
| | | CHECKED - | REVISED - 8-27-13 | | |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - 1-16-13 | | SCALE: 1"=1'-0" SHEET 10 OF 20 SHEETS STA. 0+00.00 TO STA. 0+31.50 |

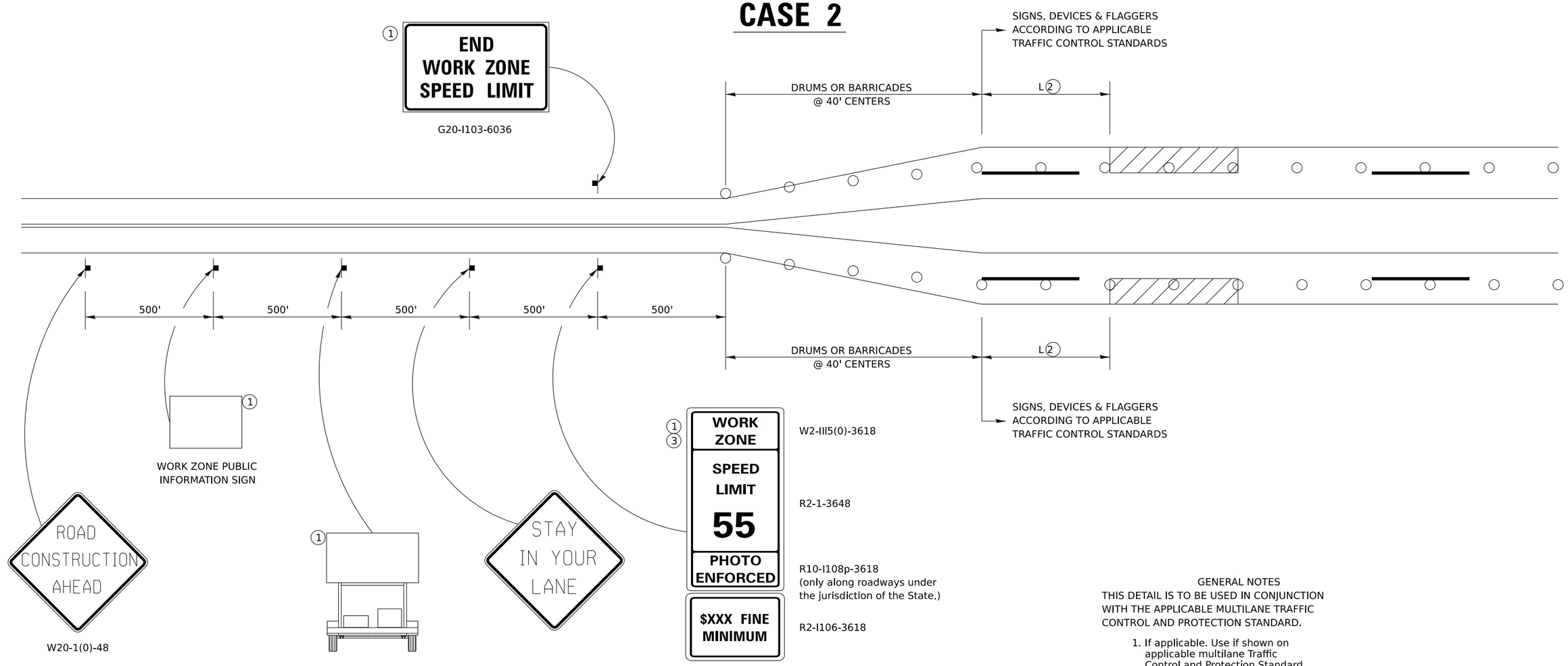
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 445 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

TRAFFIC CONTROL FOR TRANSITION AREAS SHEET 1 OF 4 38.1

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 2




DRUMS OR BARRICADES WITH LIGHTS

WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 4-20-17 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 8-27-13 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 1-16-13 |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 11 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 446 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

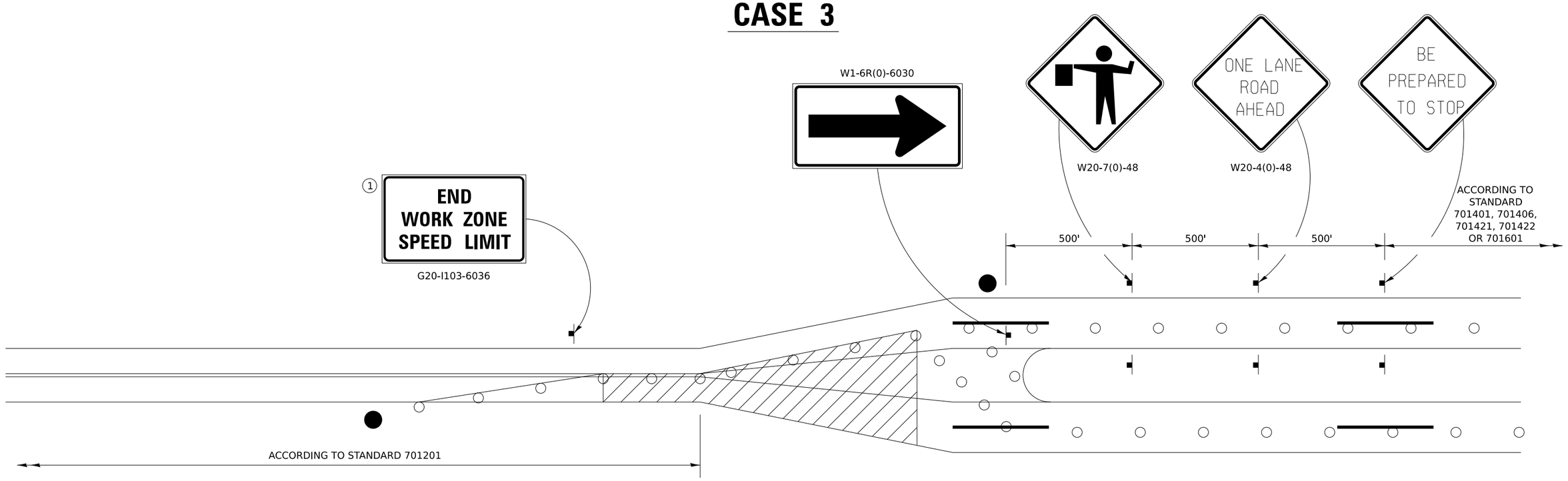
*FAI ROUTE 39 (I-39) & FAS 567 (IL 38)




MODEL: IDOT 2 Standards - Plan 11 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Cwall\D2264N98-eth-IDOT_D2_STDS.dgn

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 3




FLAGGER WITH TRAFFIC CONTROL SIGN

DRUMS OR BARRICADES WITH LIGHTS

WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

MODEL: IDOT 2 Standards - Plan 12 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 4-20-17 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 8-27-13 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 3-05-12 |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

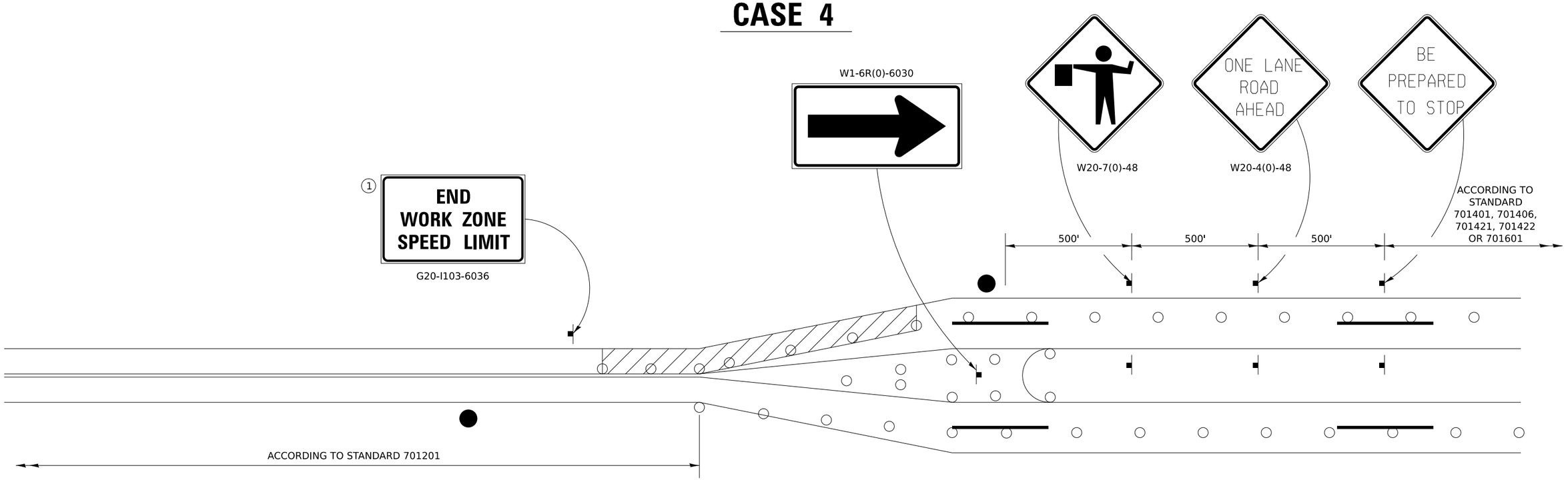
SCALE: 1"=1'-0" | SHEET 12 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+31.50

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 447 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 4




FLAGGER WITH TRAFFIC CONTROL SIGN

DRUMS OR BARRICADES WITH LIGHTS

WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

MODEL: IDOT 2 Standards - Plan 13 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 4-20-17 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 8-27-13 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 3-05-12 |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

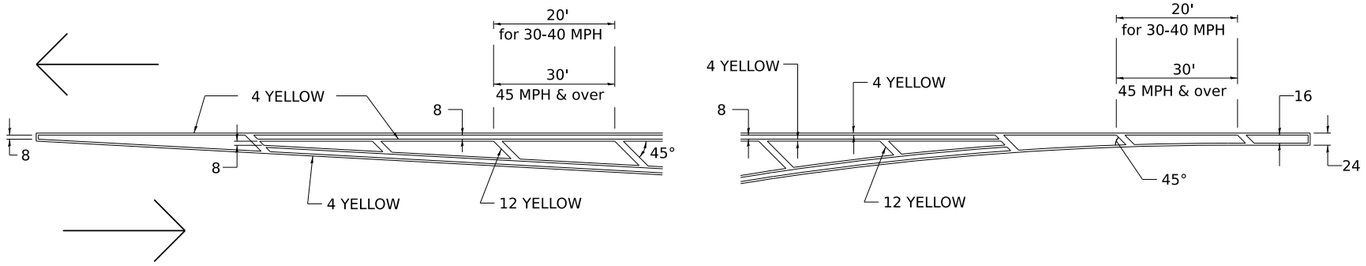
SCALE: 1"=1'-0" | SHEET 13 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 448 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

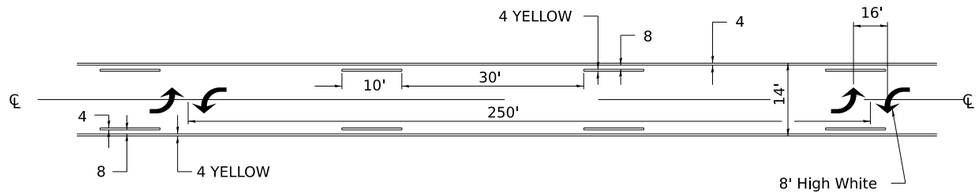
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

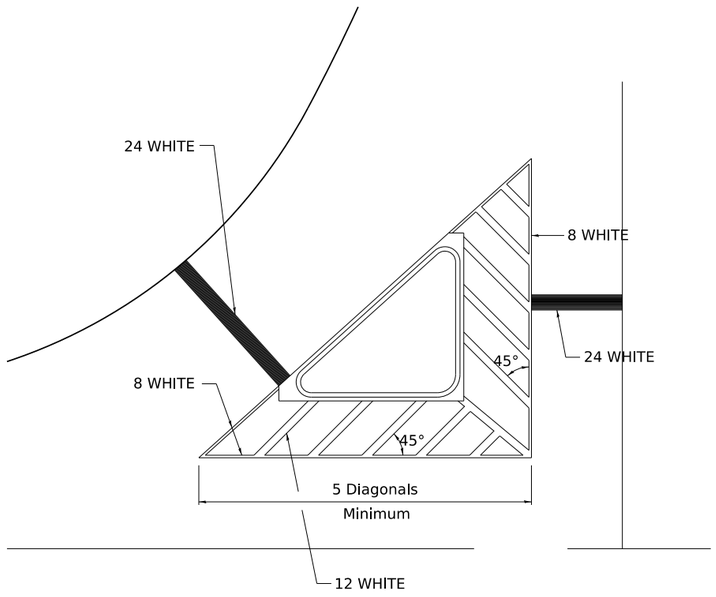



## MEDIAN PAVEMENT MARKING



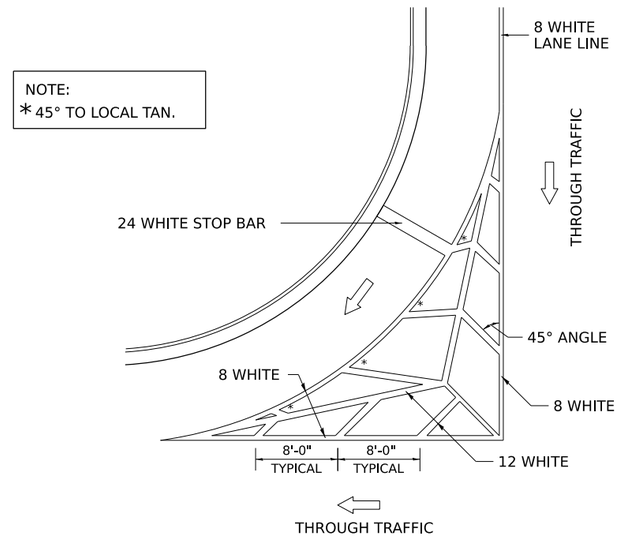

** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



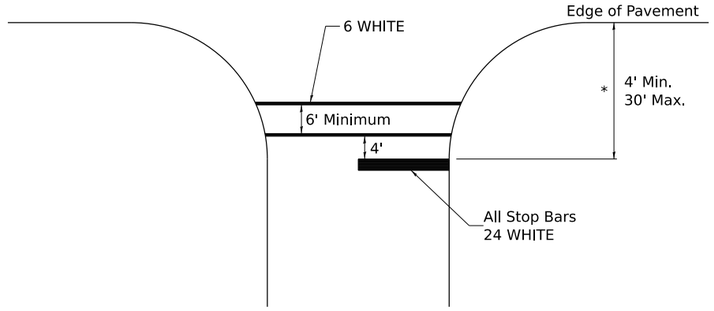

## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.




## STANDARD CROSSWALK MARKING

See Schedules for Locations




* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

MODEL: IDOT 2 Standards - Plan 14 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\CivilD264N98-sht-IDOT_D2_STDS.dgn

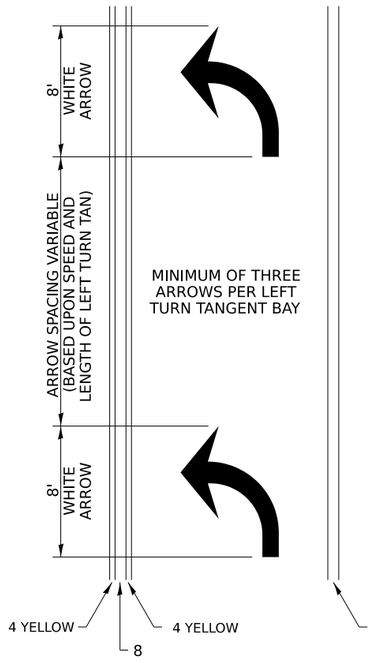
| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellllindgren | DESIGNED - | REVISED - 6-27-14 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 39/I-39 INTERCHANGE IMPROVEMENTS DISTRICT 2 STANDARD DETAILS |
| | | DRAWN - | REVISED - 3-05-12 | | |
| | | CHECKED - | REVISED - | | SCALE: 1"=1'-0" SHEET 14 OF 20 SHEETS STA. 0+00.00 TO STA. 0+34.00 |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | |

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 449 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

# TYPICAL PAVEMENT MARKINGS

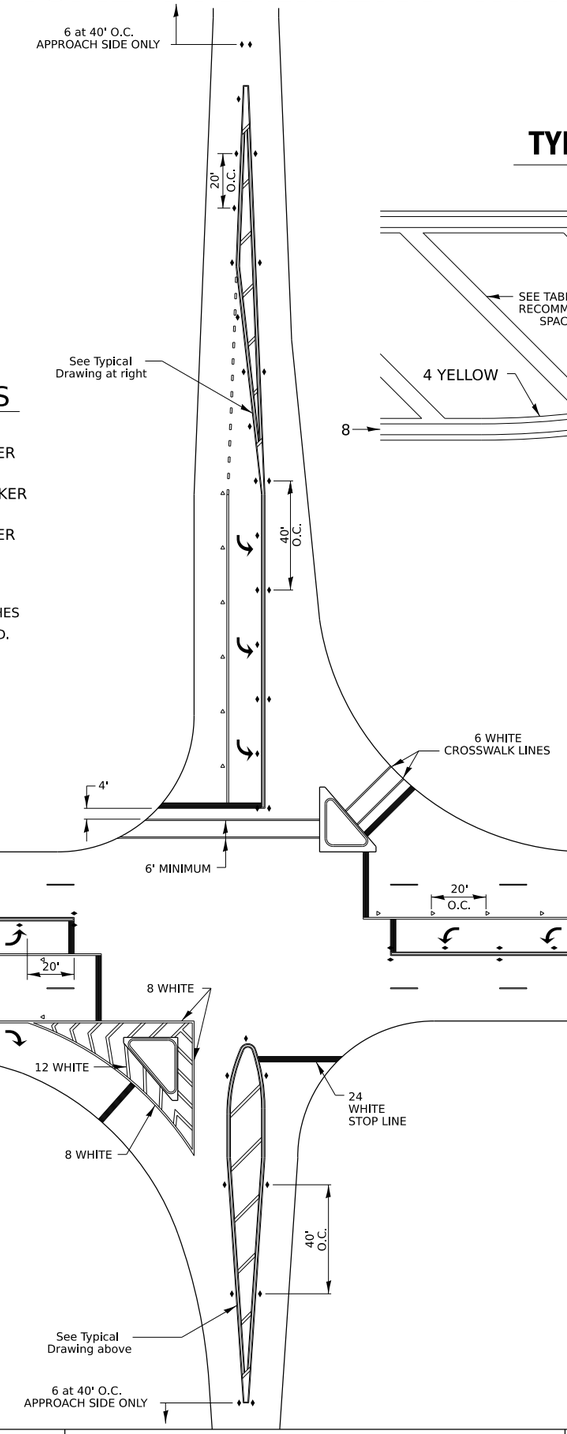
## ARROW LAYOUT



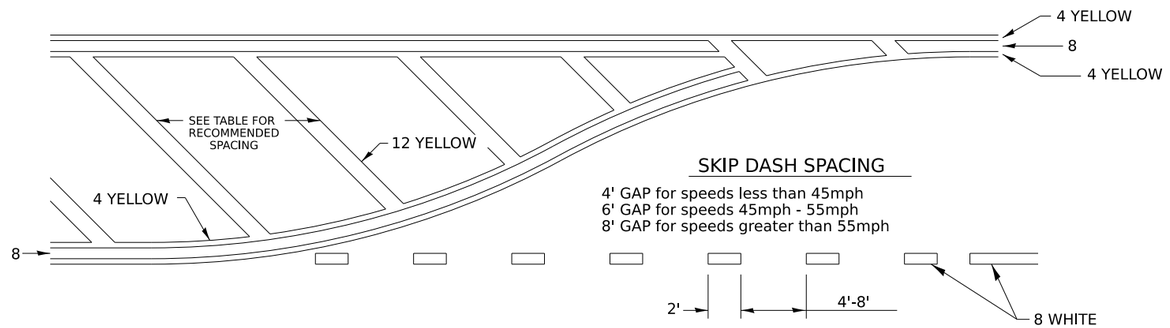

## SYMBOLS

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER
- TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.




## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



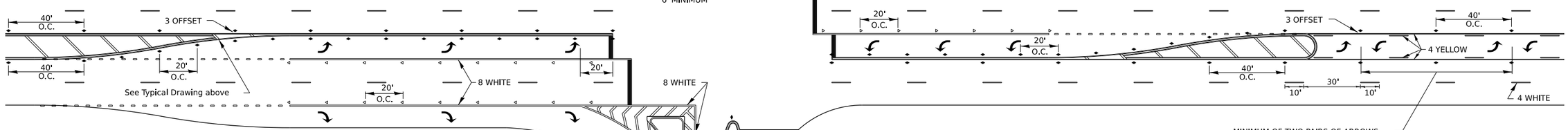

### SKIP DASH SPACING

4' GAP for speeds less than 45mph
6' GAP for speeds 45mph - 55mph
8' GAP for speeds greater than 55mph

### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

| Speed Limit Range | Continuous Median Area | Intersection Channelization | Objects (Islands) |
|---|---|---|---|
| less than 30MPH | 50' | 15' | 10' |
| 30-40MPH | 75' | 20' | 15' |
| 45MPH & over | 75' | 30' | 20' |

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.





CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 6-27-14 |
| | DRAWN - | REVISED - | 3-05-12 |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 15 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

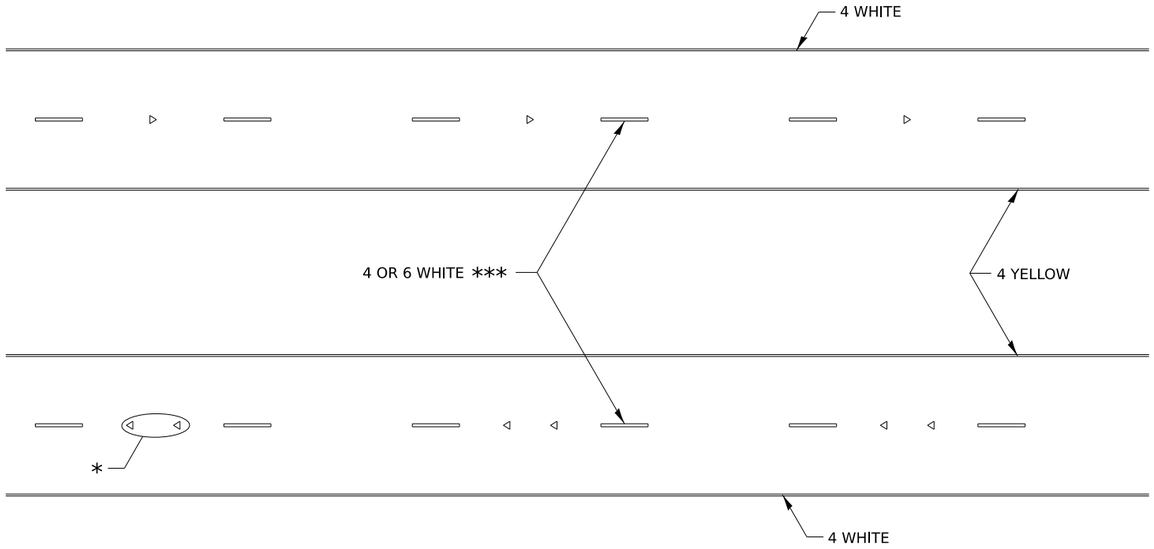
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 450 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)



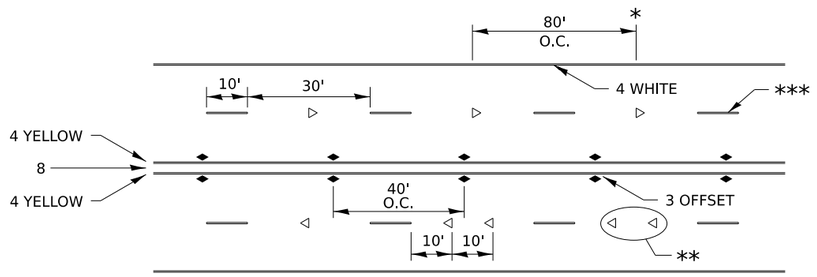

MODEL: IDOT 2 Standards - Plan 15 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

# TYPICAL PAVEMENT MARKINGS




* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

## MULTI–LANE / DIVIDED




* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

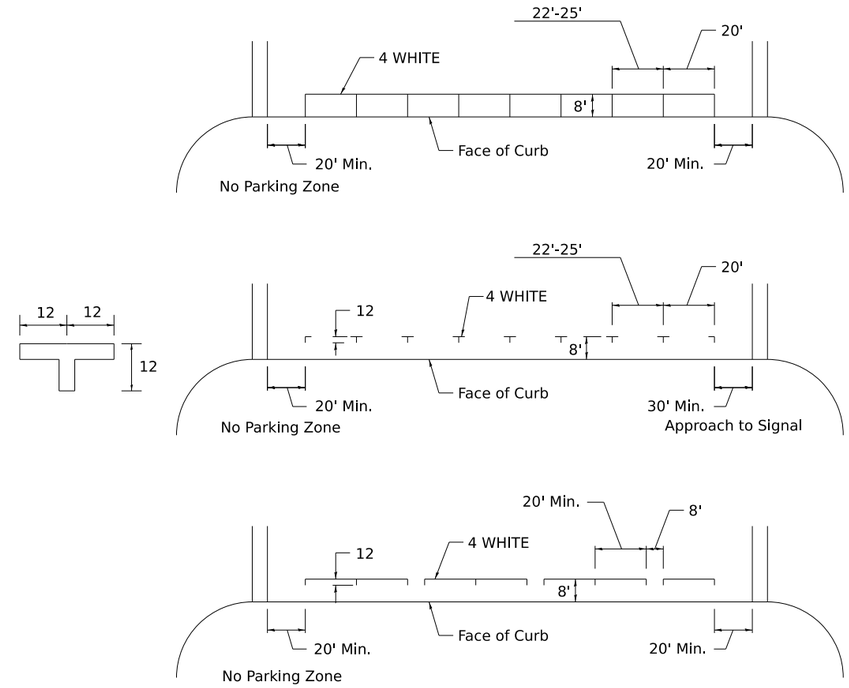
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

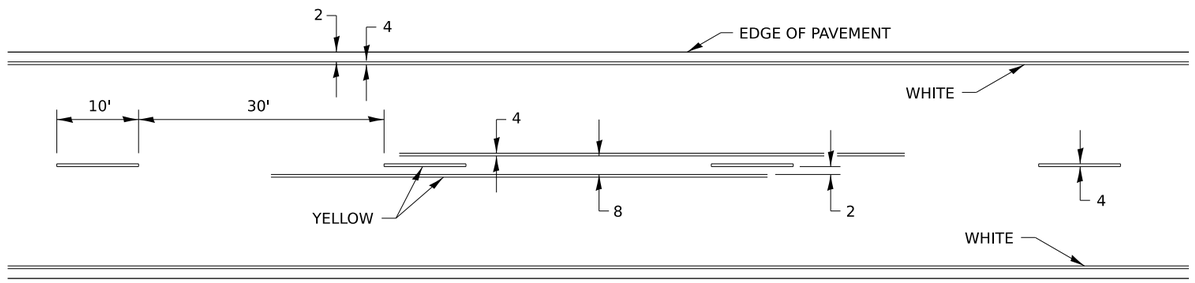
## MULTI–LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING




## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES




MODEL: IDOT 2 Standards - Plan 16 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D284N98-sht-IDOT_D2_STDS.dgn

| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellllindgren | DESIGNED - | REVISED - 6-27-14 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 39/I-39 INTERCHANGE IMPROVEMENTS DISTRICT 2 STANDARD DETAILS |
| | | DRAWN - | REVISED - 8-27-13 | | |
| | | CHECKED - | REVISED - 11-28-12 | | |
| | PLOT DATE = 2/6/2025 | DATE - | REVISED - | | SCALE: 1"=1'-0" SHEET 16 OF 20 SHEETS STA. 0+00.00 TO STA. 0+34.00 |

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 451 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 / I-39 & FAP 567 (IL 38)

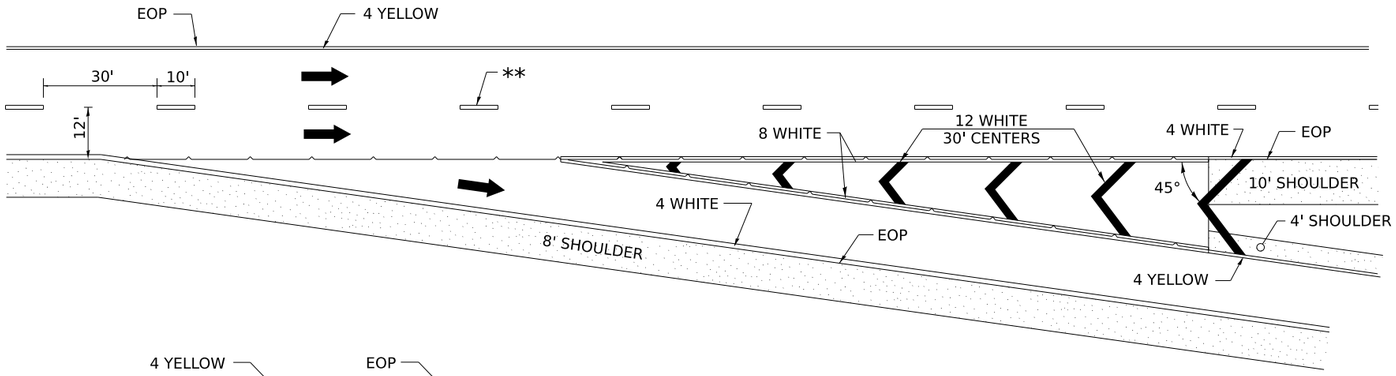
# TYPICAL PAVEMENT MARKINGS

** 6" WHITE ON INTERSTATES, WHERE THE SPPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.

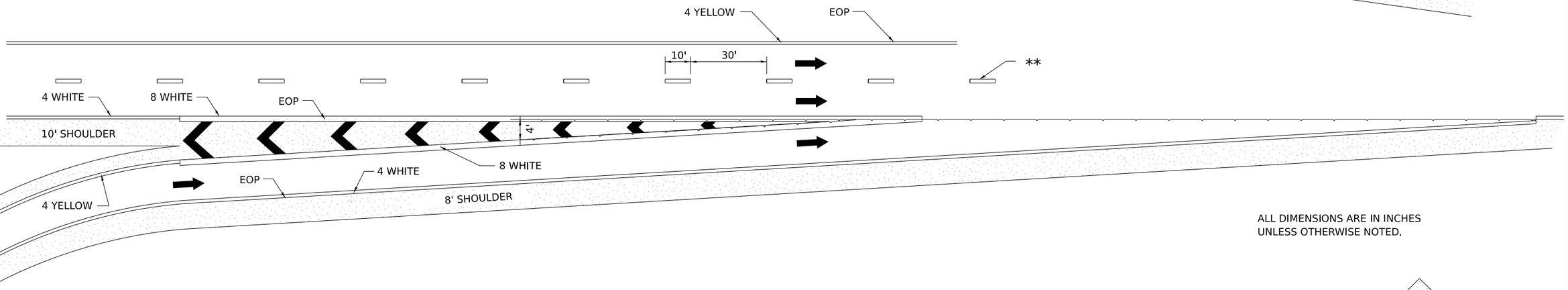
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

## EXIT RAMP

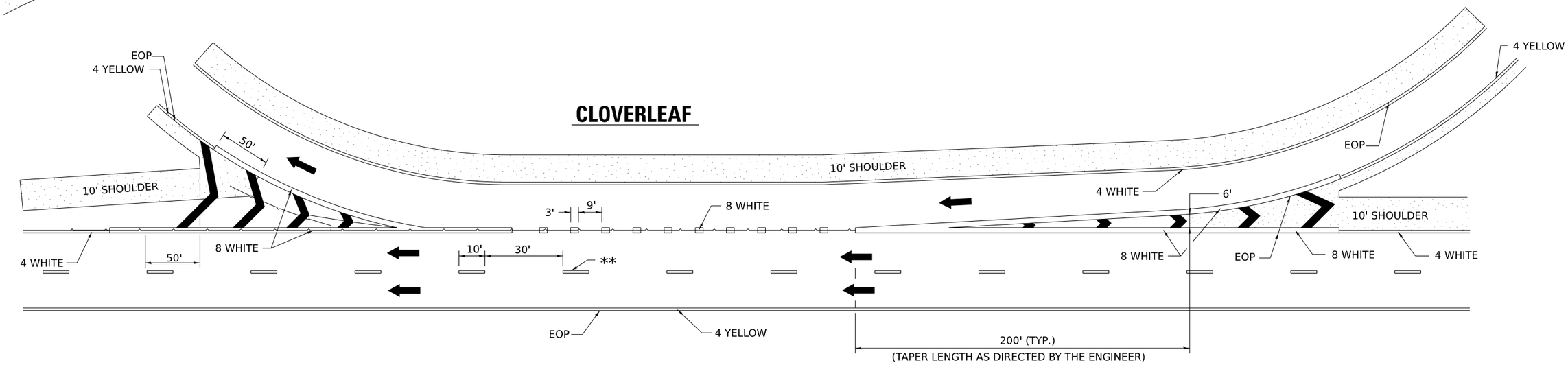



## ENTRANCE RAMP




ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## CLOVERLEAF




MODEL: IDOT 2 Standards - Plan 17 [Sheet]
FILE NAME: N:\IDOT\220626\CAD_Sheets\Civil\D284N98-ehl-IDOT_D2_STDS.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 9-15-23 |
| | DRAWN - | REVISED - | 8-27-13 |
| | CHECKED - | REVISED - | 10-18-11 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

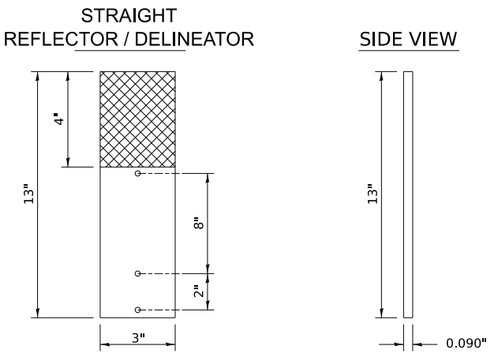
SCALE: 1"=1'-0" | SHEET 17 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

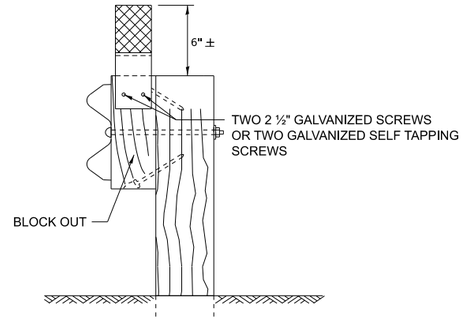
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 452 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

# GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

## REFLECTORS FOR GUARDRAIL BLOCK OUT OR DELINEATOR POST



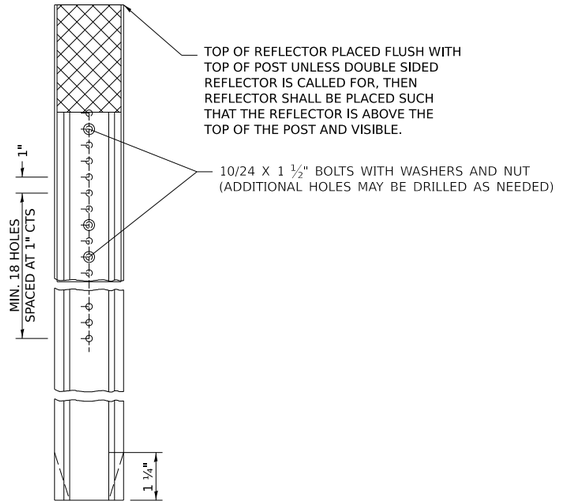




MOUNTED ON A GUARDRAIL BLOCK OUT

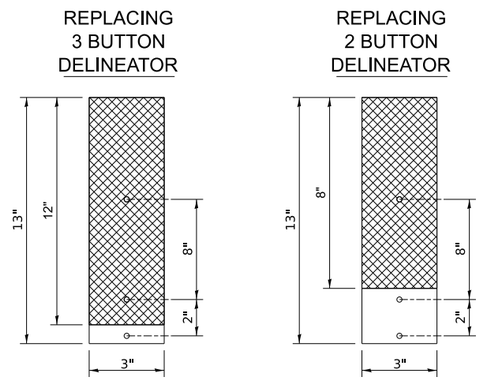
REFLECTORS SHALL BE MOUNTED DIRECTLY TO BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC OR METAL BLOCK OUT SHALL BE MOUNTED USING TWO 2 ½" GALVANIZED SCREWS WITH WASHERS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

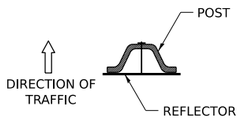
ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS




MOUNTED ON A DELINEATOR POST




ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.




DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHECD AS SHOWN ABOVE.

NOTE:

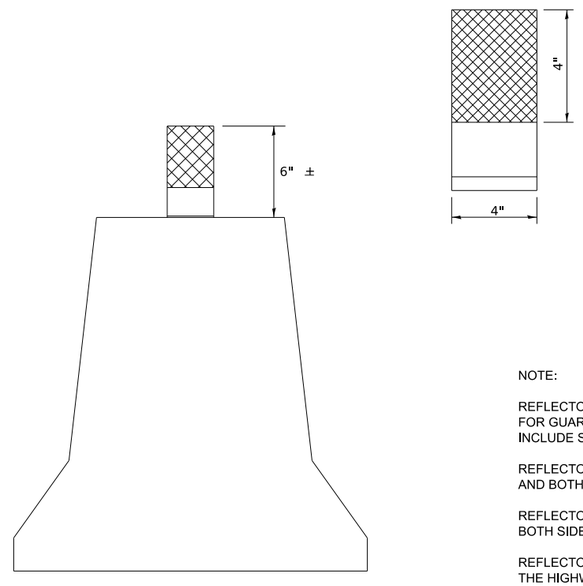
REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS, WASHERS OR AN APPROVED BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER OR IN THE MEDIAN SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ON THE OUTSIDE OF THE ROADWAY SHALL BE DOUBLE SIDED CRYSTAL.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.




## REFLECTORS MOUNTED ON BARRIER WALL

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS, WASHERS OR AN APPROVED BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON CENTER BARRIER SHALL BE DOUBLE SIDE AND BOTH SIDES SHALL BE AMBER.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS ALONG THE OUSTIDE OF THE HIGHWAY SHALL BE DOUBLE SIDED CRYSTAL.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - 3-07-24 |
| | DRAWN - | REVISED - 4-27-23 |
| | CHECKED - | REVISED - 6-21-21 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - |

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

**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 18 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 453 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 587 (IL 38)

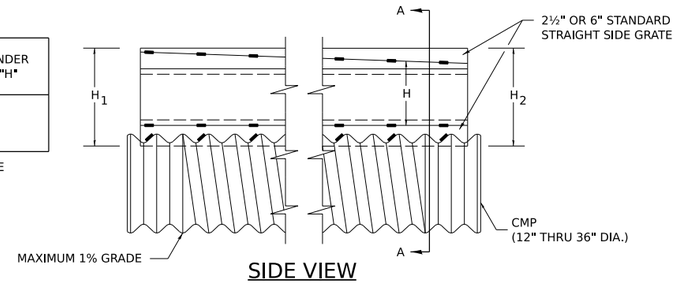



MODEL: IDOT 2 Standards - Plan 18 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht4DOT_D2_STDS.dgn

# SLOTTED DRAIN PIPE

| LOADING CONDITION | MAX. EXTENDER HEIGHT - "H" |
|---|---|
| H20/H25 * 750 PSI CONCRETE | 19" |

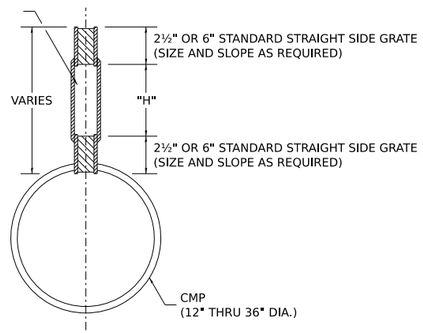
* 125 PSI TIRE PRESSURE




SIDE VIEW

DETAIL WITH VARIABLE HEIGHT GRATE

PLATE EXTENDERS
7 GA. GALVANIZED PLATE PER ASTM A761
SLOPE AS REQUIRED.




SECTION A-A

GENERAL

Class SI Concrete shall be used throughout.
This specification covers Slottted Drain used for the removal of water as shown on the plans.
The Slotted Drain shall be Corrugated Pipe Culvert with Integral Slotted Drains.
Before placing the concrete adjacent to the pipe, the slot shall be covered by either thin, flat metal sheeting or by a board notched to fit over the grate bars. This covering must fit closely in the slot to prevent entry of concrete into the pipe. Paving over the slotted drain will then be one continuous operation over the protected drain. The protection for the drain slot shall then be removed. The pipe shall drain into the side of the inlet. The opening where the slot is removed shall be covered to prevent concrete from entering the pipe.
The Corrugated Steel Pipe used in the Slotted Drain shall meet the requirements of AASHTO M36/ASTM A760.
The CMP shall be ALUMINIZED STEEL Type 2.
The diameter shall be as shown on the plans.
Steel grating shall meet the galvanizing requirements of AASHTO M111.
This work will be paid for at the contract unit price per foot for SLOTTED DRAIN of the pipe diameter specified WITH VARIABLE SLOT,or SLOTTED DRAIN, of the pipe diameter specified, WITH 6" SLOT, and shall include concrete and grating for depth specified on plans.
Use approved end cap to prevent concrete entry into the pipe during gutter construction on the upstream end of the pipe.

CONNECTIONS

The Corrugated Steel Pipe shall have a minimum of two rerolled annular ends.
The Slotted Drain bands shall be modified HUGGER Bands to secure the pipe and prevent infiltration of the backfill.
When the Slotted Drain is banded together, the adjacent grates shall have a maximum 3" gap.

GRATES

The grates shall be manufactured from ASTM A670, Grade 36 steel. The spacers and bearing bars (sides) shall be 3/16 " material ±0.008".
The spacers shall be on 6" centers and welded on both sides to each bearing bar (sides) with four (4) 1- 1/4 " long 3/16 " fillet welds on each side of the bearing bar.
The plate extender shall be 7 gage steel meeting ASTM A761.
The engineer may call for tensile strength tests on the grate if the grate is not in compliance with the above spacer specifications. If tensile strength tests are called for, minimum results for an in-place spacer pulled perpendicular to the bearing bar shall be:
T= 12,000 pounds for 2- 1/2 " grate
T= 15,000 pounds for 6" grate

GALVANIZING

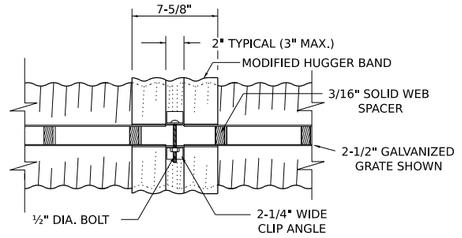
The grate and plate extenders shall be galvanized in accordance with ASTM A123 except with a 2 oz. galvanized coating.

GRATE ATTACHED TO CSP

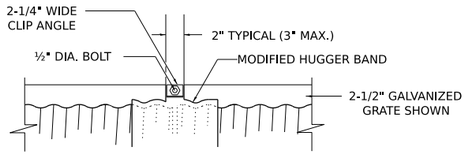
The grate shall be fillet welded with a minimum weld 1" long to the CSP on each side of the grate at every other corrugation.

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

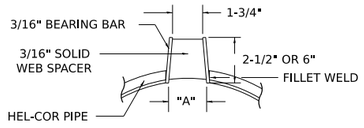
Vertical Bow= ± 3/8 "
Horizontal Bow= ± 5/8 "
Twist= ± 1/2 "




TOP VIEW

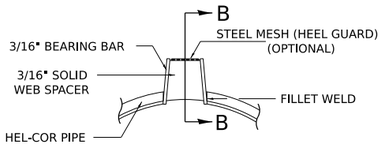



SIDE VIEW




SECTION A-A

STANDARD DETAIL




SECTION A-A

DETAIL WITH MESH

(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

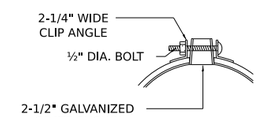
| STANDARD SIZES | | | | | | |
|---|---|---|---|---|---|---|
| GAGE OF PIPE | DIAMETER OF PIPE | | | | | |
| | 12" | 15" | 18" | 24" | 30" | 36" |
| 16 | X | X | X | X | X | X |
| 14 | X | X | X | X | X | X |
| 12 | N.A. | N.A. | N.A. | N.A. | X | X |

| GRATE TYPE | | "A" |
|---|---|---|
| VERT | 2-1/2" | 1-3/4" |
| VERT | 6" | 1-3/4" |
| TRAP | 2-1/2" | 2-1/4" |
| TRAP | 6" | 3" |

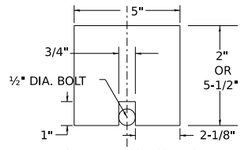
VERT = VERTICAL
TRAP = TRAPIZOIDAL

SLOTTED DRAIN NOTES

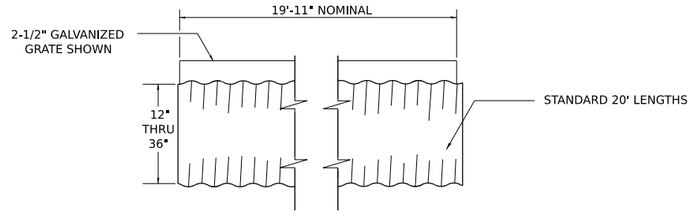
1. GRATING IS AVAILABLE IN DEPTHS OF 2-1/2" AND 6".
2. VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
3. FOR 6" VERTICAL & TRAPIZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4" TECHCO BAND ANGLE.
4. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
5. DIMENSIONS FOR $H_1$ AND $H_2$ AS REQUIRED.
6. $H_1$ AND $H_2$ MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



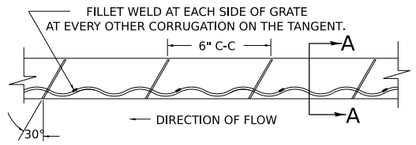

END VIEW



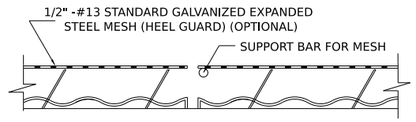

GAP PLATE (OPTIONAL)
MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING.



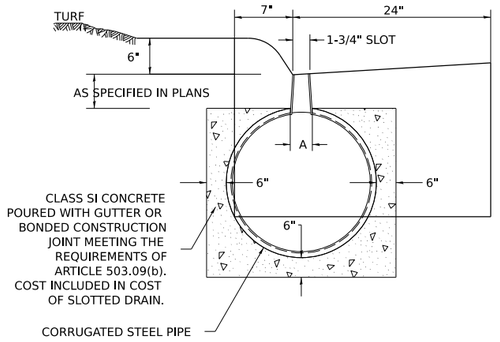

TYPICAL PIPE SECTION



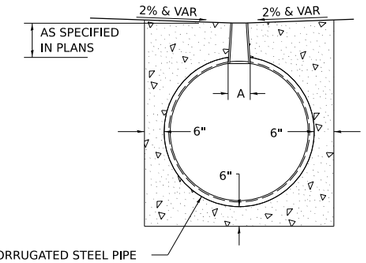

GRATE WELDING DETAIL




SECTION B-B




DETAIL FOR CURB & GUTTER




DETAIL FOR CROSSOVERS, DRIVEWAYS, OR PARKING LOTS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.


MODEL: IDOT 2 Standards - Plan 19 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = nhowelllindgren | DESIGNED - | REVISED - 1-05-16
DRAWN - | REVISED - 6-27-14
CHECKED - | REVISED - 10-18-11
PLOT DATE = 2/6/2025 | DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 39/I-39 INTERCHANGE IMPROVEMENTS
DISTRICT 2 STANDARD DETAILS
SCALE: 1"=1'-0" | SHEET 19 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

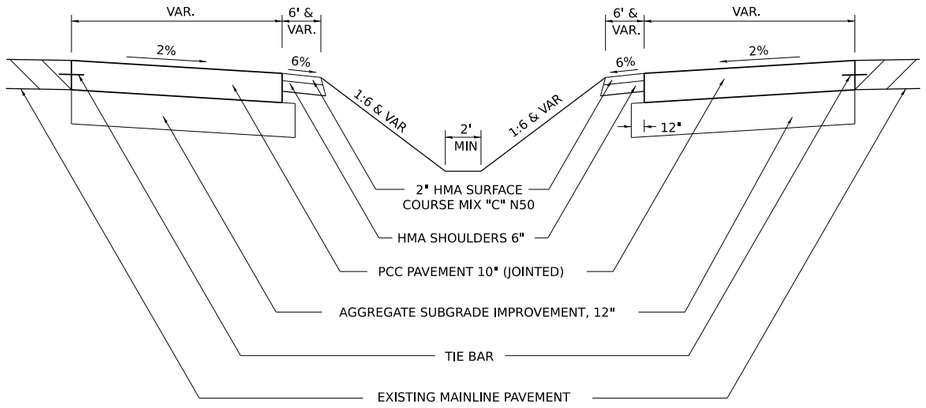
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 454 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

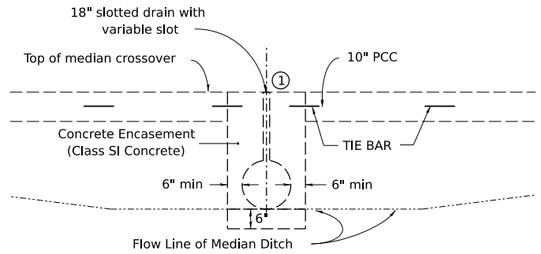
# 40' SINGLE LANE MEDIAN CROSSOVER

## (POSTED SPEED LIMIT 55 MPH, WORK ZONE SPEED LIMIT 45 MPH)

## TYPICAL SECTION

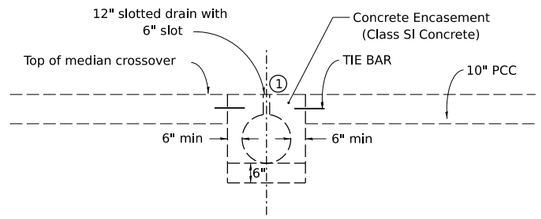



| TABLE OF OFFSETS AND DROPS | | | | | | |
|---|---|---|---|---|---|---|
| Distance feet from location station | 0 | 60' (B) | 75' | 100' | 125' | 143.73' (C) |
| Offsets feet from inside edge of pavement | 20' (℄) | 18' | 15.32' | 11.37' | 8.06' | 6.00' |
| Drop feet from inside edge of pavement | 0.0' | 0.0' | 0.0' | 0.0' | 0.0' | 0.0' |




## SECTION A–A

(USE TO MAINTAIN MEDIAN DRAINAGE THROUGH THE CROSSOVER)




(1) Duct tape or wood blocks shall be used to cover slotted drain during construction of crossover paving

## SECTION A–A

(WHEN CROSSOVER IS AT MEDIAN HIGH POINT)

## GENERAL NOTES

Construction of median crossover shall conform to the requirement of current Standard Specifications.

Slotted drain shall be constructed of 14 or 16 gauge corrugated metal roadway pipe modified to accommodate slotted drain as shown.

Pavement, subbase, & shoulder quantities are:

| | |
|---|---|
| (1340.88 Sq. Yds.) | AGGREGATE SUBGRADE IMPROVEMENT, 12" |
| (1250.80 Sq. Yds.) | P.C.C. PAVEMENT 10" (JOINTED) |
| (45.1 Tons) | 2" HMA SURFACE COURSE, MIX "C", N50 |
| (402.52 Sq. Yds.) | HMA SHOULDERS 6" |

Elbows and Caps shall be considered included to the SLOTTED DRAIN 12" WITH 6" SLOT.

See District Standard 61.2 or 68.1 for details for the slotted drain.

See District Standard 86.1 for details for the beveled pipe & guard.

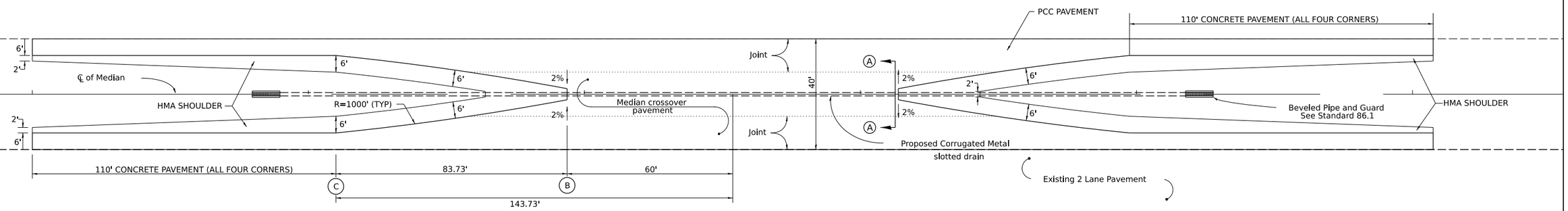
The crossover is designed using a 45mph design speed.

The end of the pipe guard shall be set where a minimum 1:4 front slope can be constructed from each side of pipe guard to the HMA shoulder.

The PCC Pavement 10" (Jointed) shall be constructed according to Section 420 of the Standard Specifications and Highway Standards 420001, 420101, & 420106

The PCC Pavement 10" (Jointed) shall be tied to adjacent existing concrete pavement and the concrete encasement for the slotted drain. The tie bars shall be No.6 bars 24" long @ 30" cts, and installed according to the applicable portions of Article 420.05(b) of the Standard Specifications. The cost of the bars to be included in the cost of the PCC Pavement 10" (Jointed).

## TYPICAL PLAN




Unless otherwise specified, when the median crossover is to be removed, the Contractor shall be required to saw full-depth along the shoulder line 6'from edge of pavement. The 6' adjacent to the edge of pavement shall remain in place and be used as shoulders. The cost of Sawing shall be included in the Pavement Removal.

Longitudinaljoints shall be sawed at a max 12' width. All joints shall be sealed.

TRAFFIC CONTROL STANDARD 701416 IS TO BE USED WITH THIS DETAIL


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | 2-26-19 |
| | DRAWN - | REVISED - | 1-05-16 |
| | CHECKED - | REVISED - | 8-27-13 |
| PLOT DATE = 2/6/2025 | DATE - | REVISED - | 12-07-10 |

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

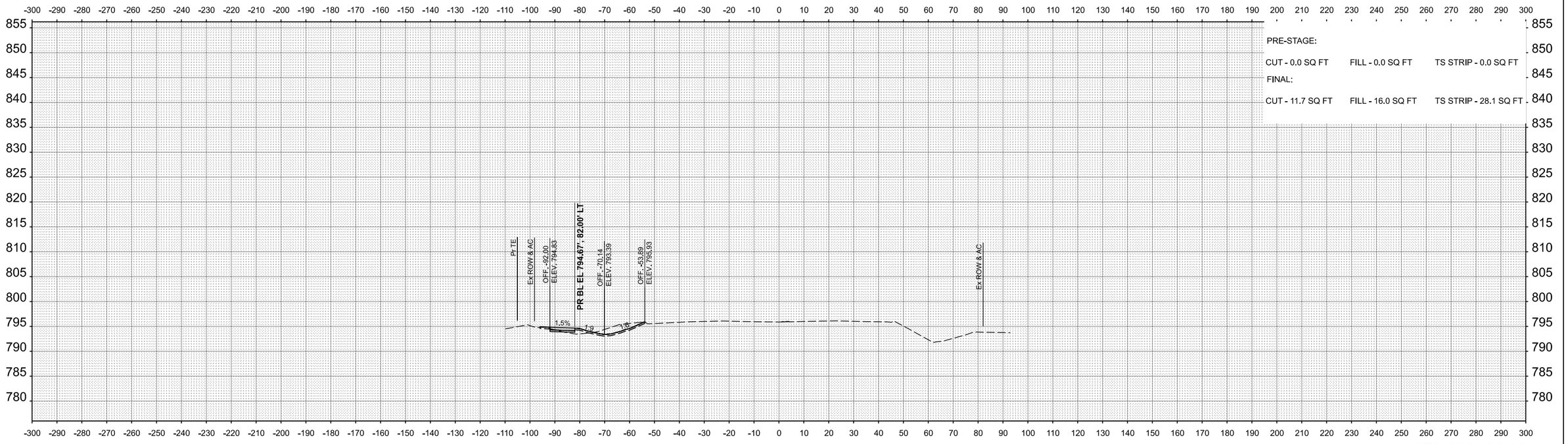
**IL 39/I-39 INTERCHANGE IMPROVEMENTS**
**DISTRICT 2 STANDARD DETAILS**

SCALE: 1"=1'-0" | SHEET 20 OF 20 SHEETS | STA. 0+00.00 | TO STA. 0+34.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 455 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

MODEL: IDOT 2 Standards - Plan 20 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-IDOT_D2_STDS.dgn




FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 638+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

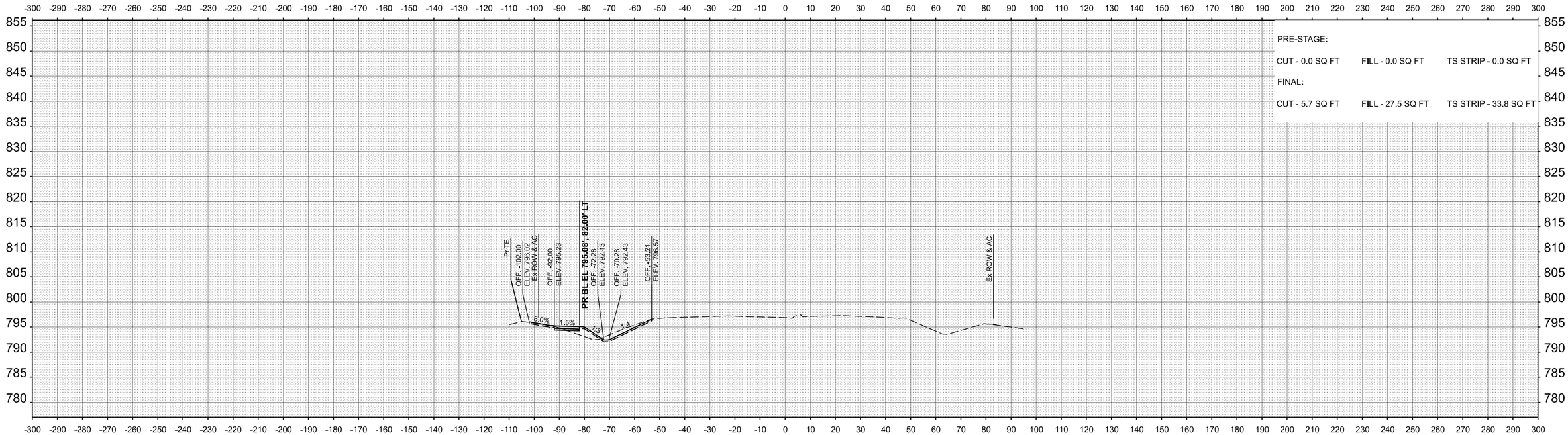
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

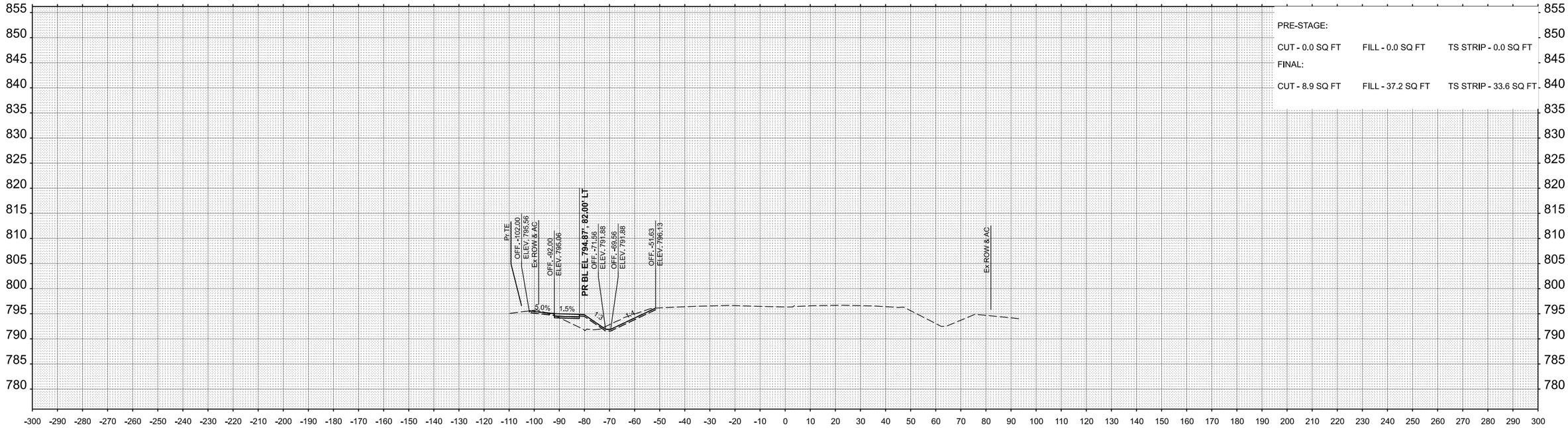
SCALE: 1"=20' | SHEET 1 OF 53 SHEETS | STA. 638+00.00 | TO STA. 638+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 456 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 639+50.00**




**STA 639+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

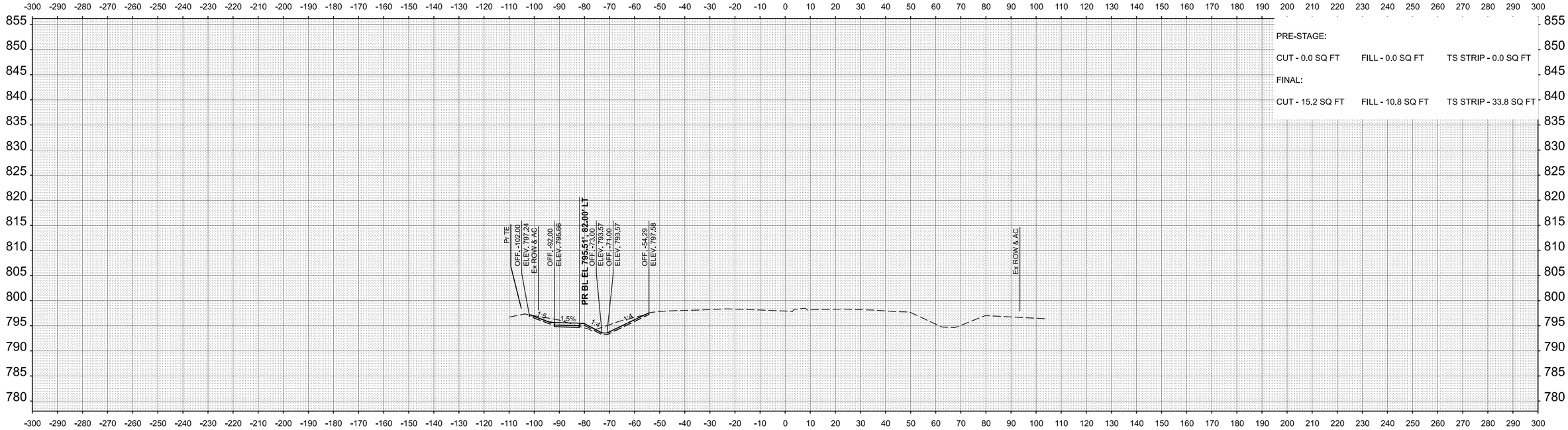
SCALE: 1"=20' | SHEET 2 OF 53 SHEETS | STA. 639+00.00 | TO STA. 639+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 457 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 639+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-6IH-xsc.dgn




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: PR_CL_38 - 640+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
|---|---|---|
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

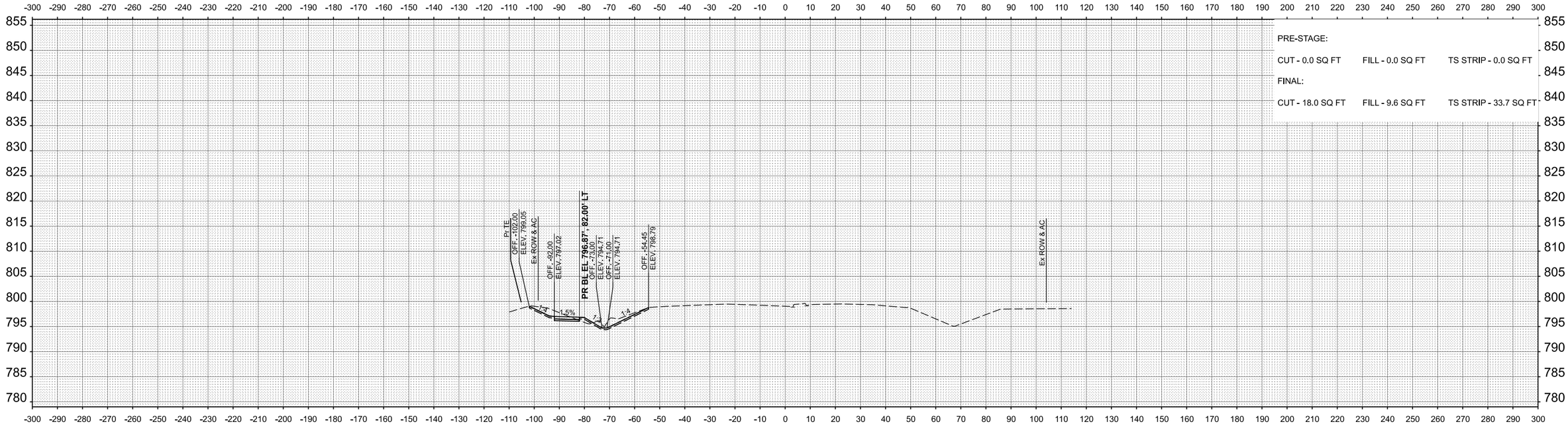
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

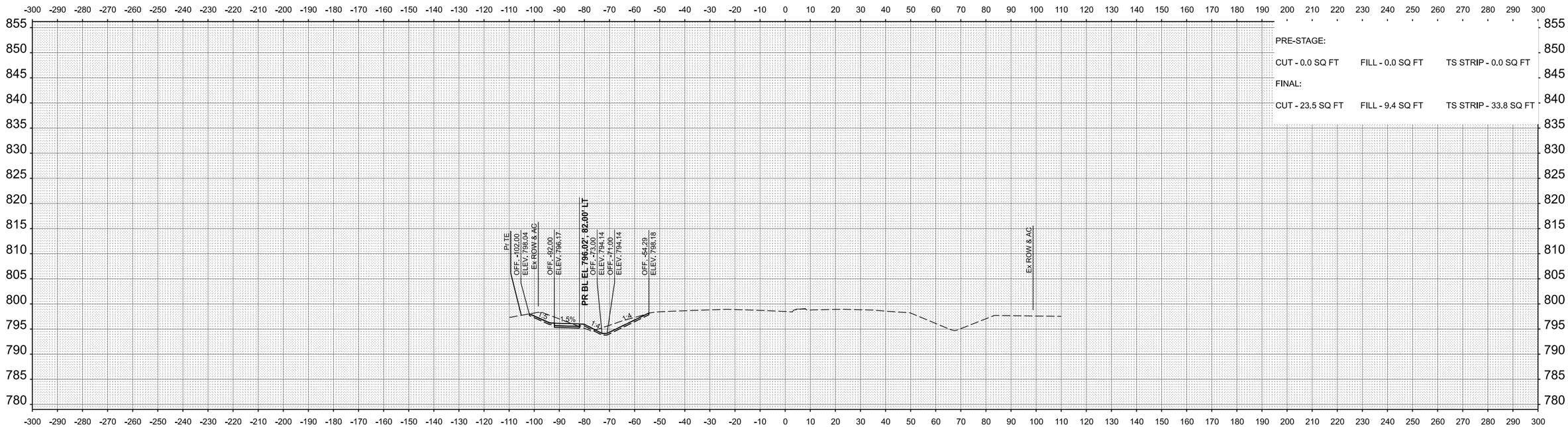
SCALE: 1"=20' | SHEET 3 OF 53 SHEETS | STA. 640+00.00 TO STA. 640+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 458 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 641+50.00**




**STA 641+00.00**

| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

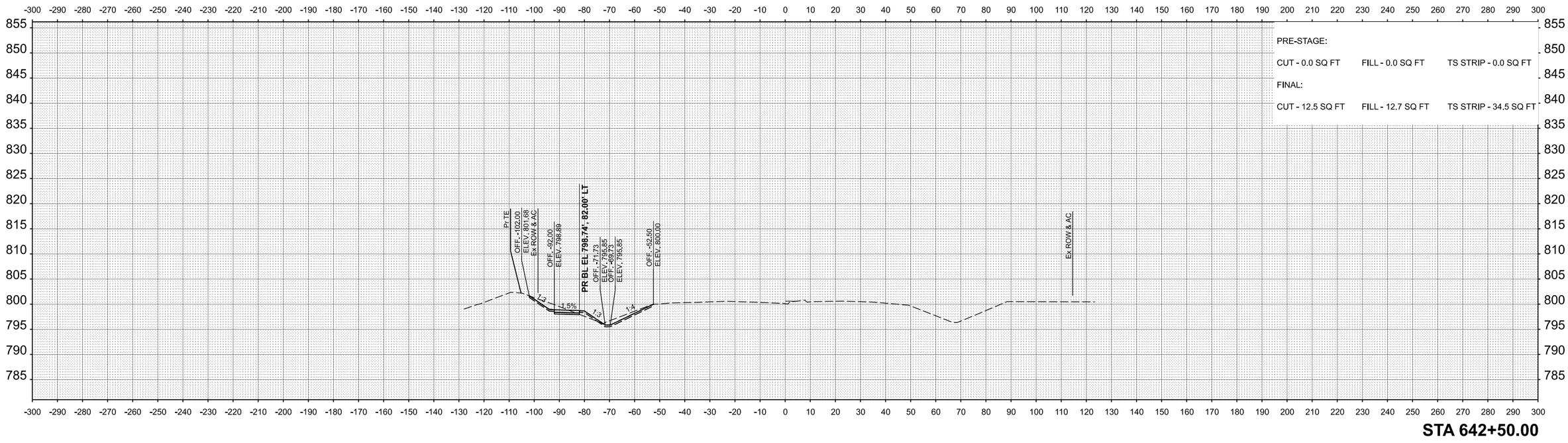
SCALE: 1"=20' | SHEET 4 OF 53 SHEETS | STA. 641+00.00 | TO STA. 641+50.00

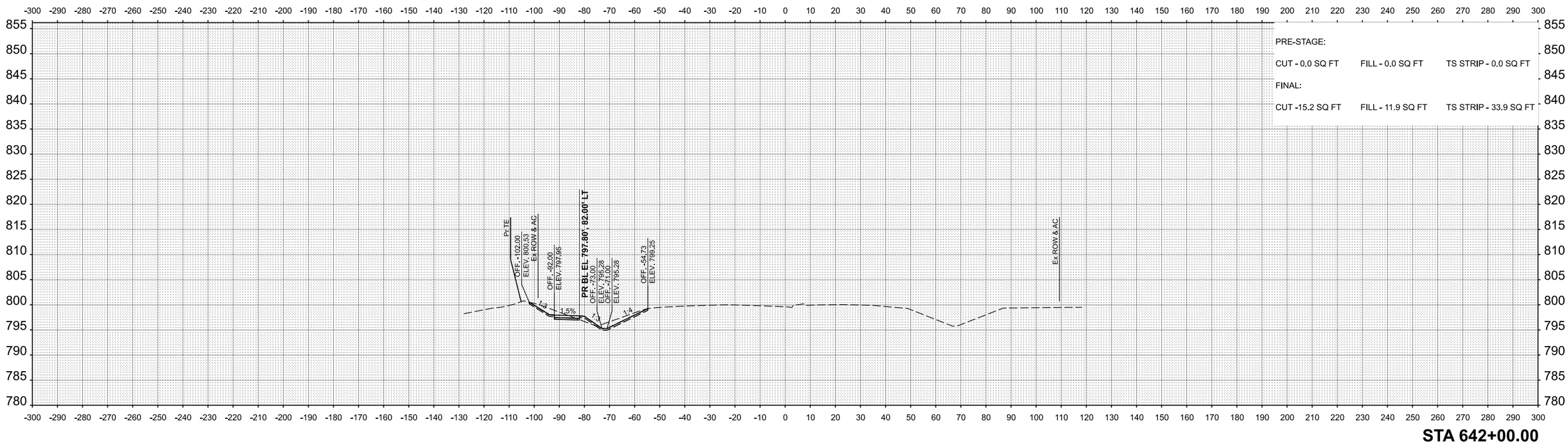
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 459 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 641+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

MODEL: PR_CL_38 - 642+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

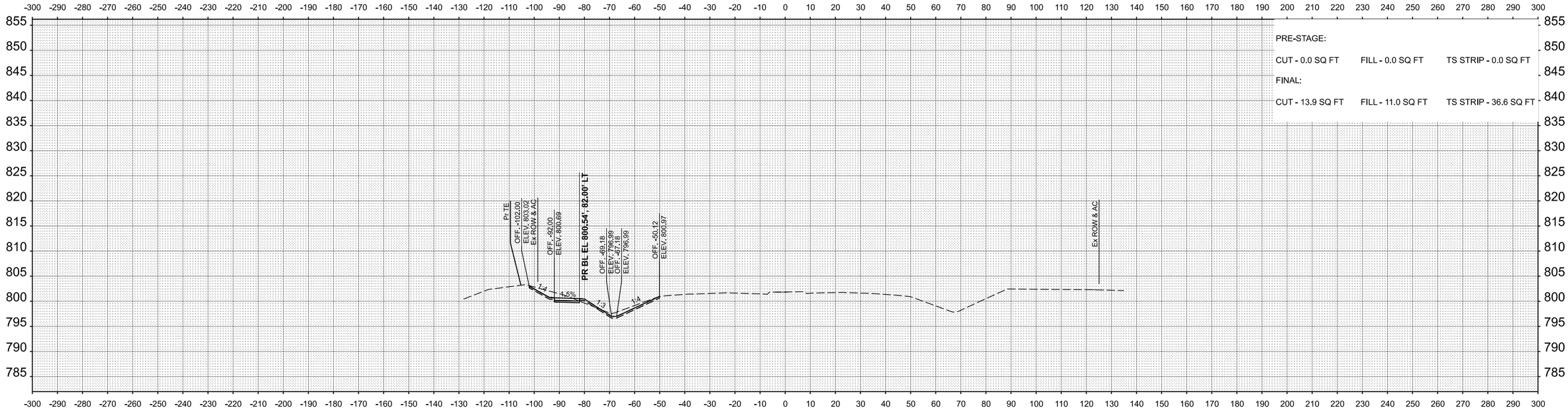
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

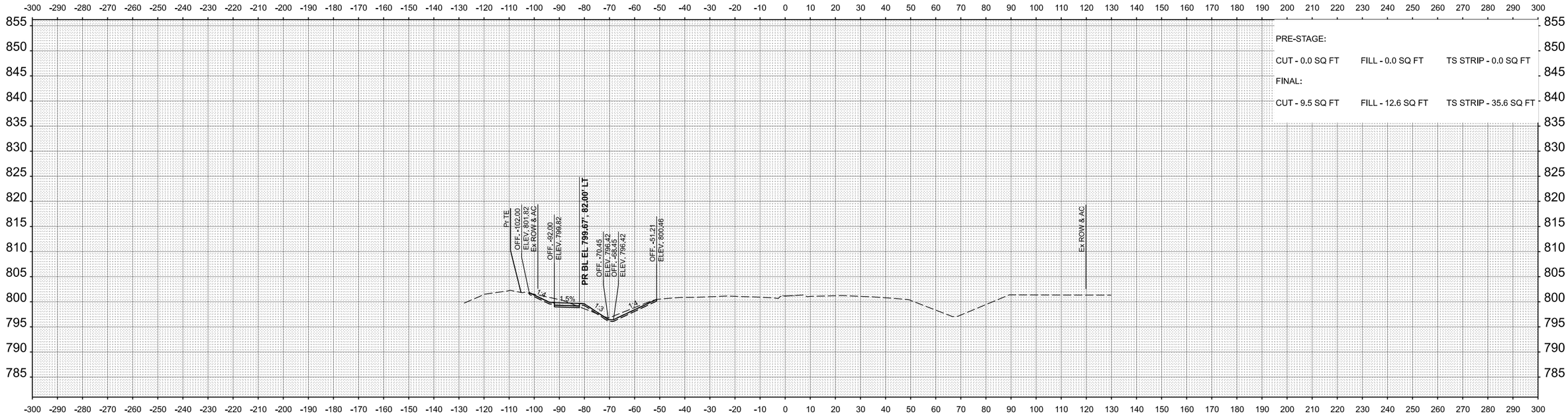
SCALE: 1"=20' | SHEET 5 OF 53 SHEETS | STA. 642+00.00 | TO STA. 642+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 460 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 643+50.00**




**STA 643+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

MODEL: PR_CL_38 - 643+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

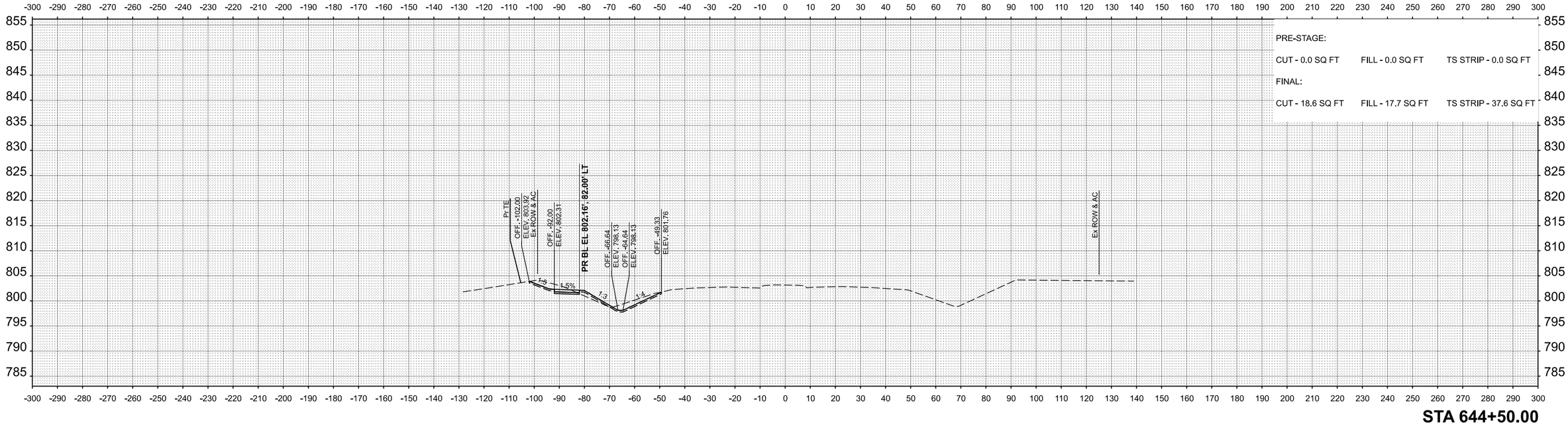
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

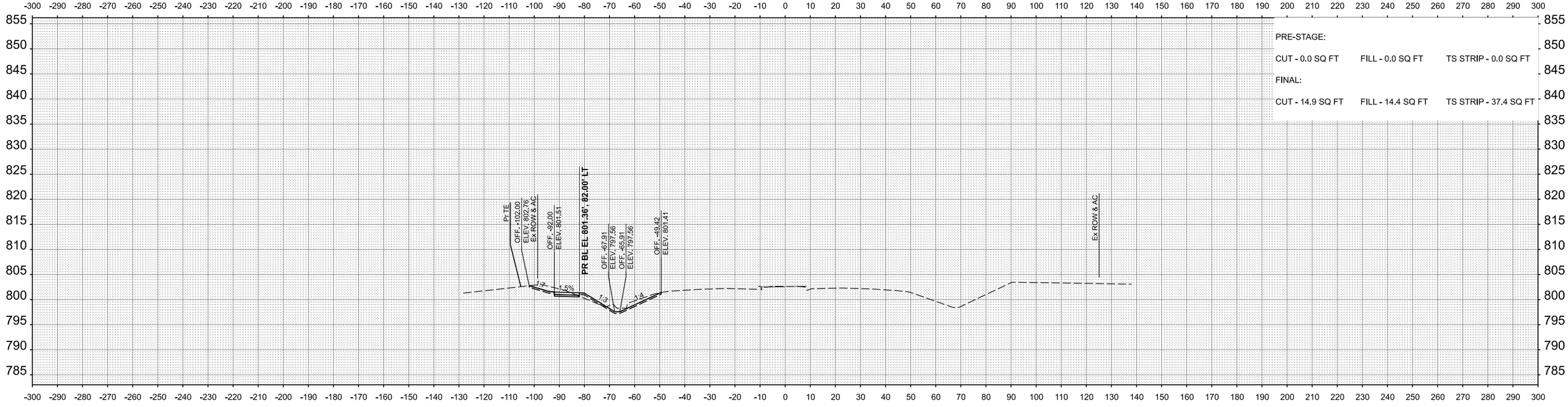
SCALE: 1"=20' | SHEET 6 OF 53 SHEETS | STA. 643+00.00 | TO STA. 643+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 461 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 644+50.00**




**STA 644+00.00**

FINAL SURVEY / ORIGINAL SURVEY

| NO. | NOTE BOOK | BY | DATE |
|---|---|---|---|
| | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: PR_CL_38 - 644+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

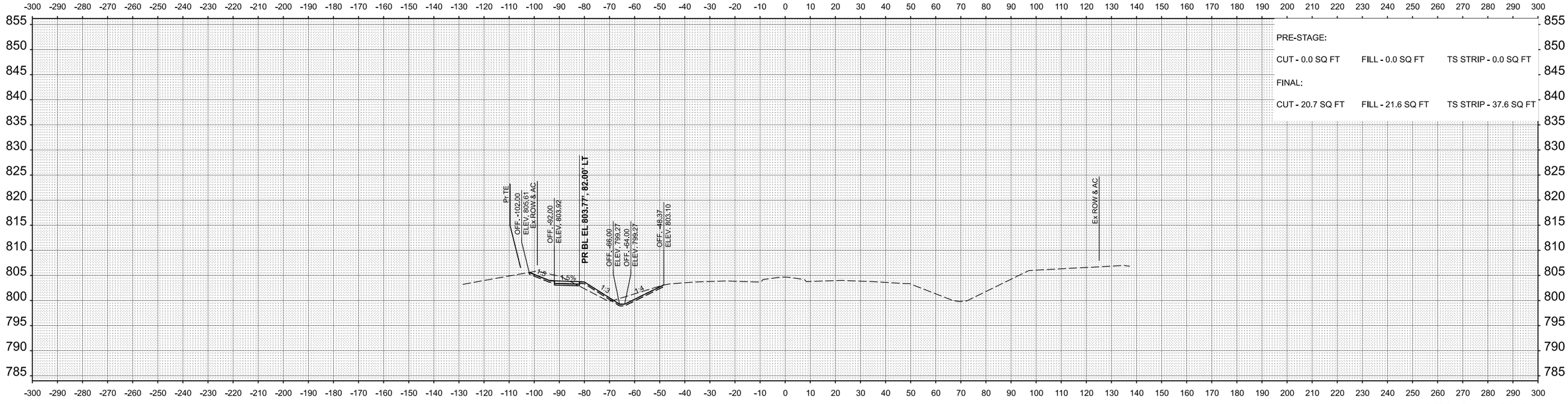
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

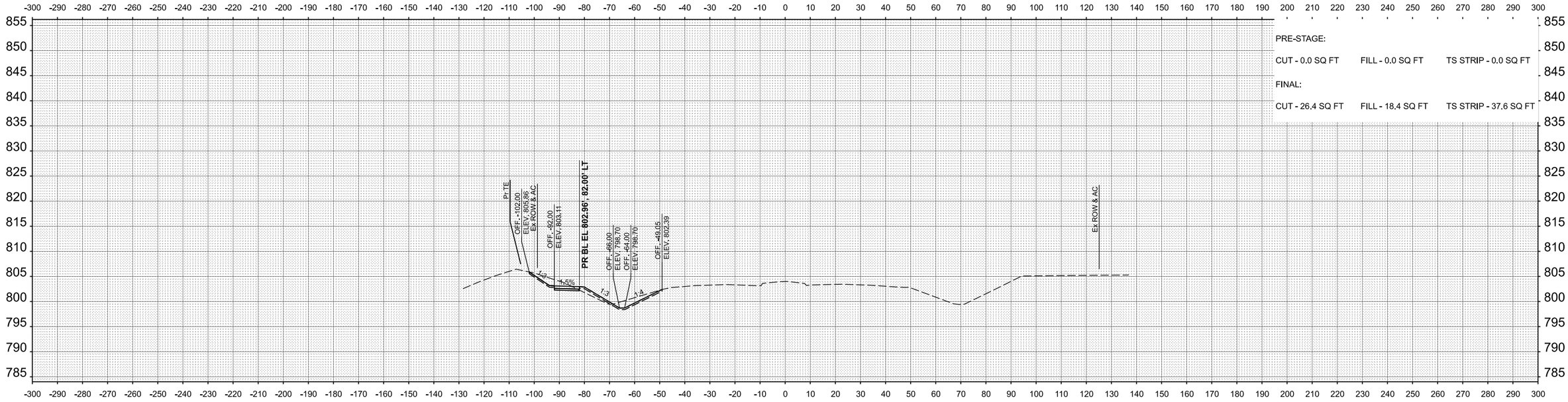
SCALE: 1"=20' | SHEET 7 OF 53 SHEETS | STA. 644+00.00 | TO STA. 644+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 462 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 645+50.00**




**STA 645+00.00**

FINAL SURVEY — NOTE BOOK — NO.

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

ORIGINAL SURVEY — NOTE BOOK — NO.

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

MODEL: PR_CL_38 - 645+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-shtxsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

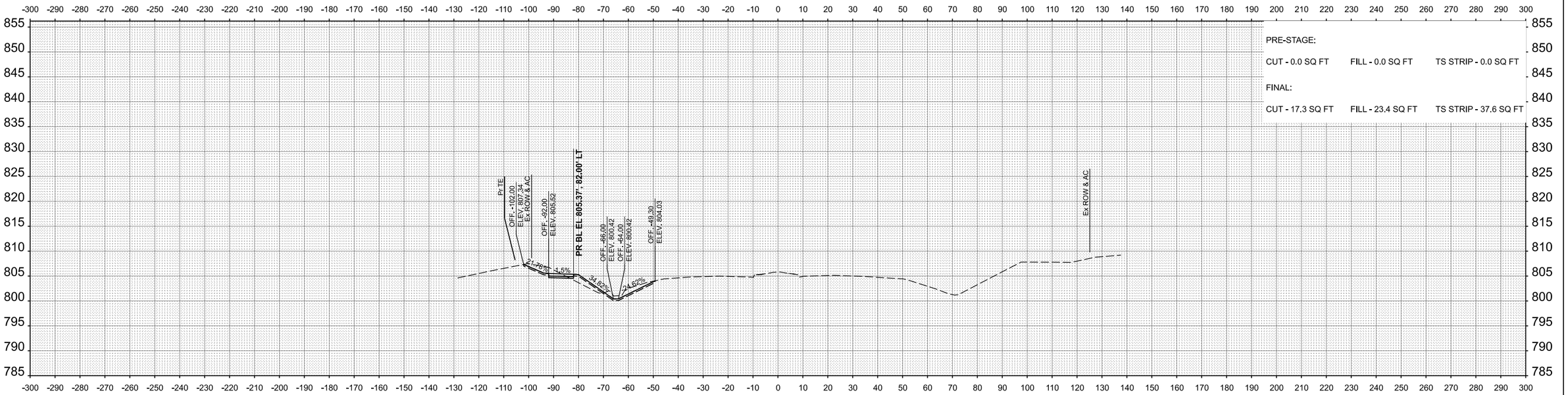
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

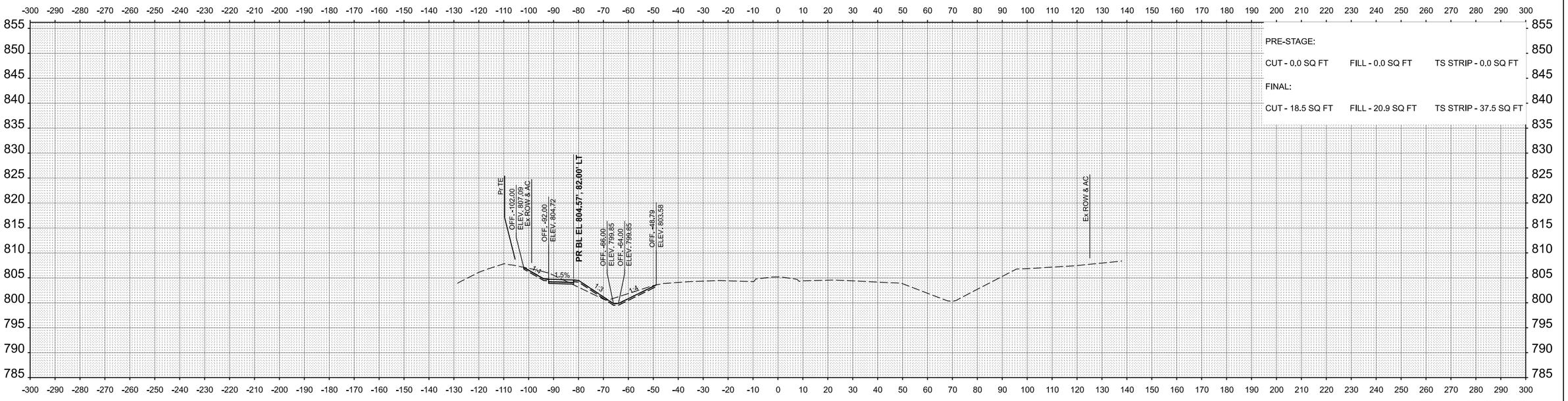
SCALE: 1"=20' | SHEET 8 OF 53 SHEETS | STA. 645+00.00 | TO STA. 645+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 463 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 646+50.00**




**STA 646+00.00**

FINAL SURVEY

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

ORIGINAL SURVEY

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

MODEL: PR_CL_38 - 646+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

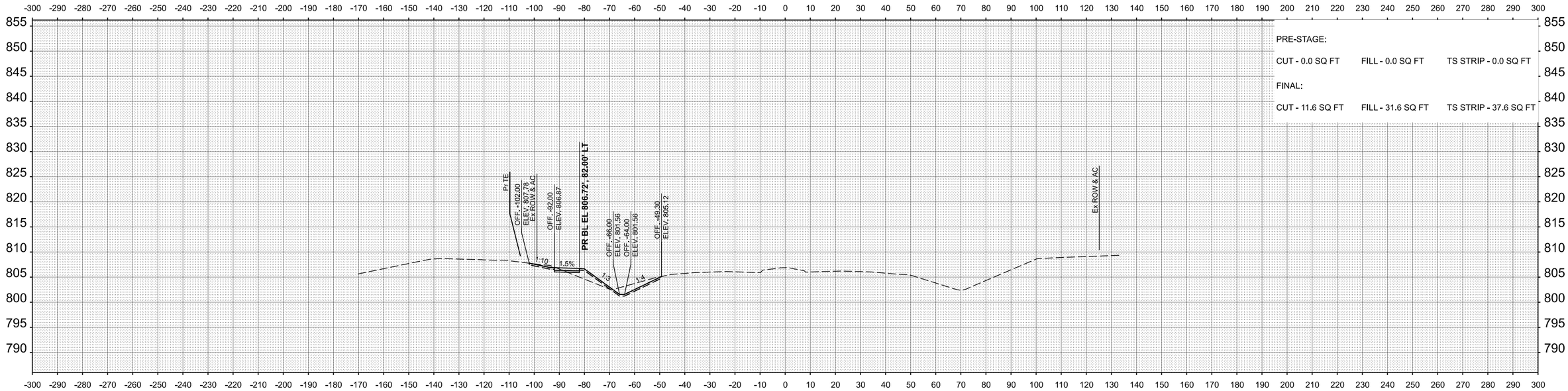
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

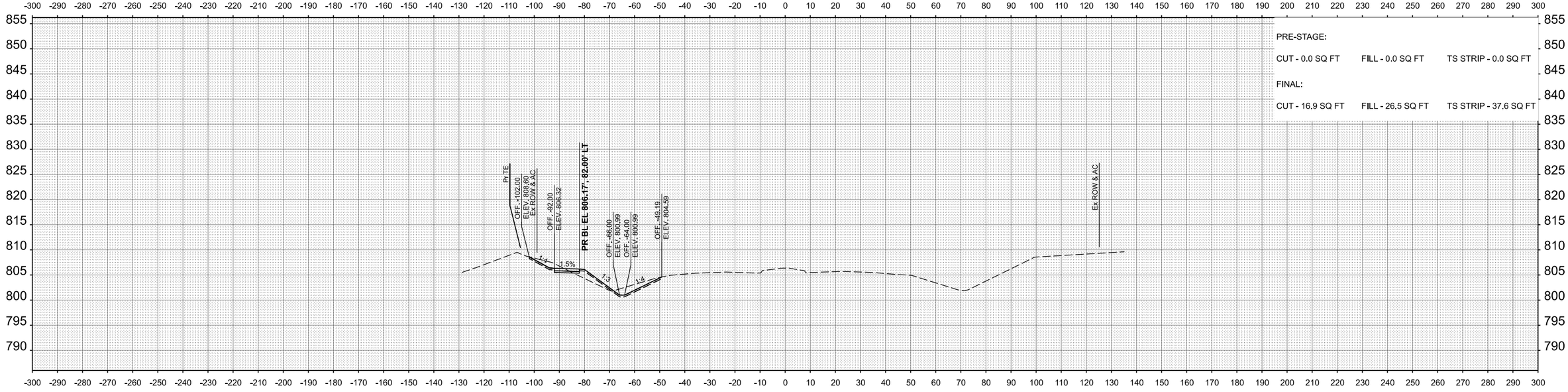
SCALE: 1"=20' | SHEET 9 OF 53 SHEETS | STA. 646+00.00 | TO STA. 646+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 464 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 647+50.00**




**STA 647+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | AREAS CHECKED | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | AREAS CHECKED | |
| NO. | | |

MODEL: PR_CL_38 - 647+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

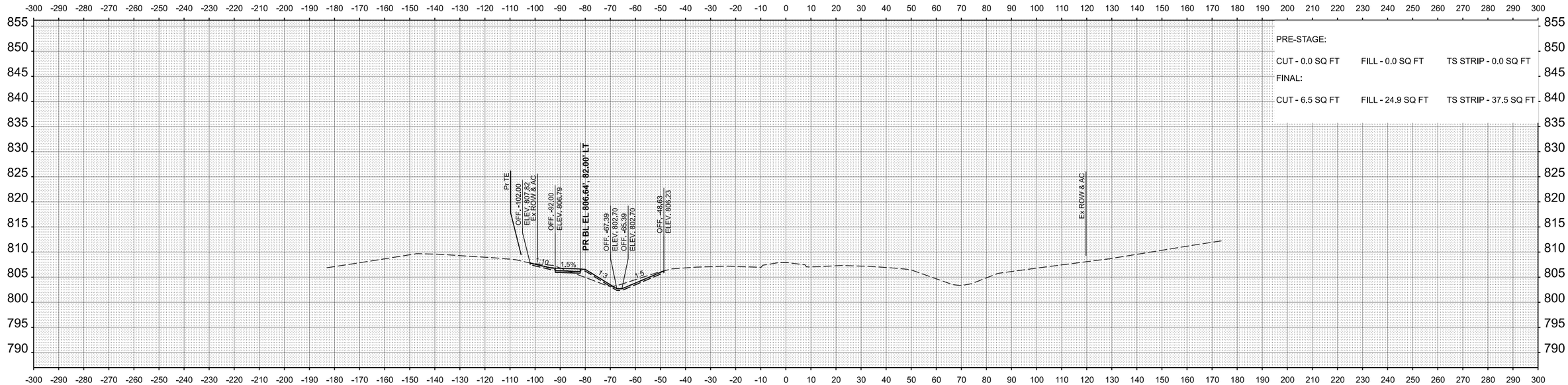
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

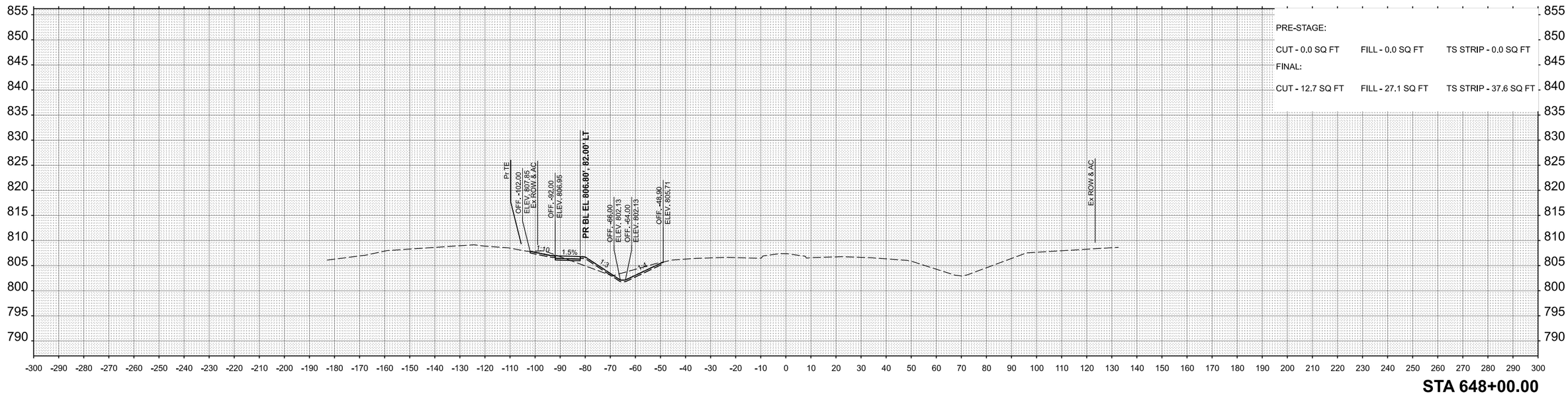
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 10 OF 53 SHEETS | STA. 647+00.00 | TO STA. 647+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 465 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| FINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

| ORIGINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

MODEL: PR_CL_38 - 648+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-ehl-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

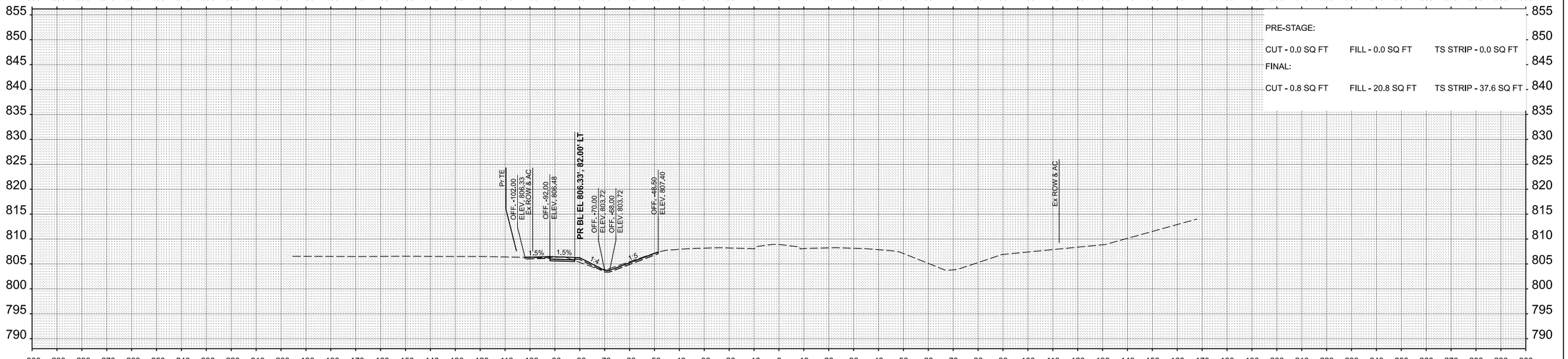
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

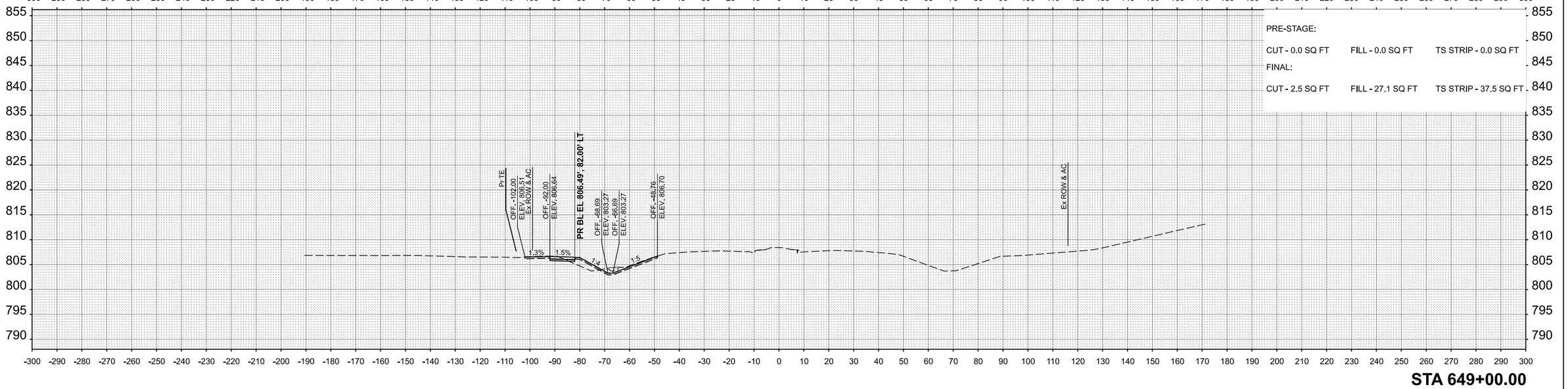
SCALE: 1"=20' | SHEET 11 OF 53 SHEETS | STA. 648+00.00 | TO STA. 648+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 466 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 649+50.00**




**STA 649+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

MODEL: PR_CL_38 - 649+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

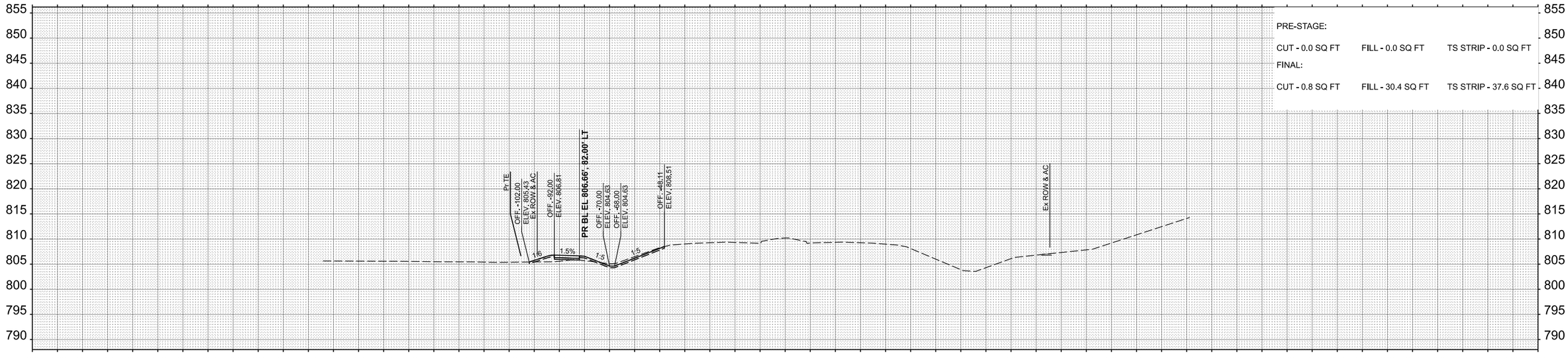
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

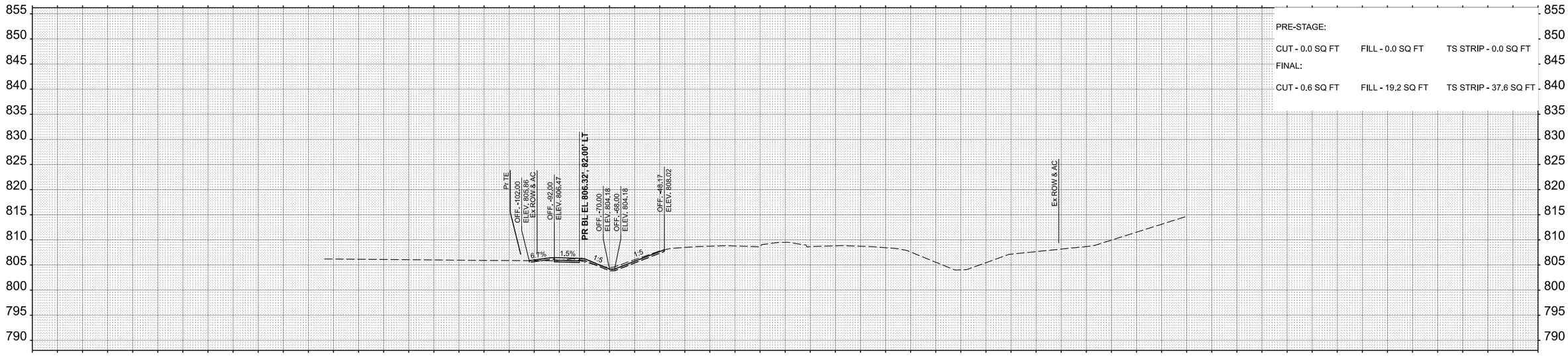
SCALE: 1"=20' | SHEET 12 OF 53 SHEETS | STA. 649+00.00 | TO STA. 649+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 467 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 650+50.00**




**STA 650+00.00**

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: PR_CL_38 - 650+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

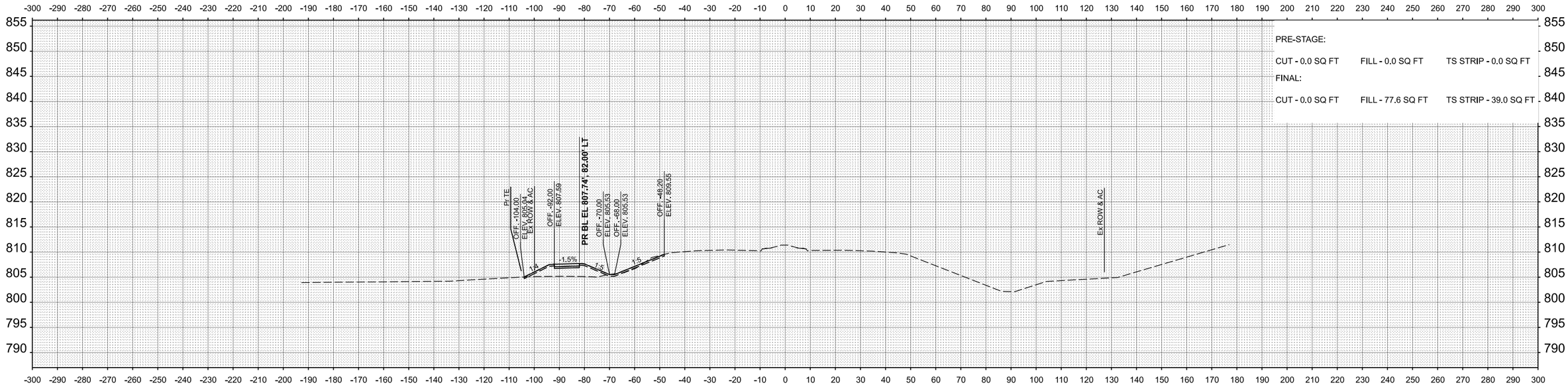
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

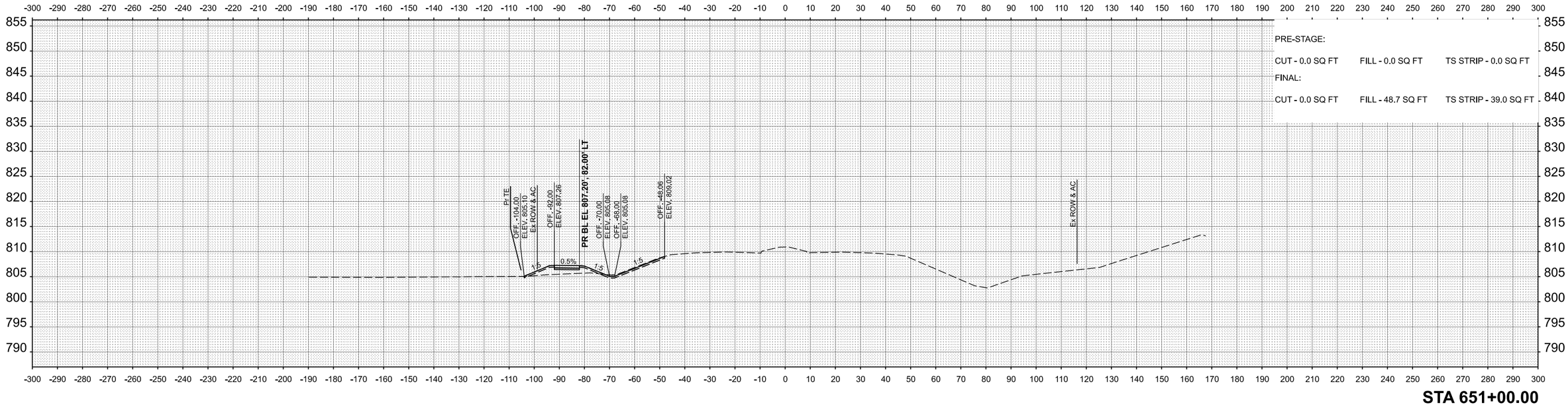
SCALE: 1"=20' | SHEET 13 OF 53 SHEETS | STA. 650+00.00 | TO STA. 650+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 468 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 651+50.00**




**STA 651+00.00**

| FINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|

| BY | DATE |
|---|---|
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| AREAS CHECKED | |

| ORIGINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|

| BY | DATE |
|---|---|
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| AREAS CHECKED | |

MODEL: PR_CL_38 - 651+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-eilt-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

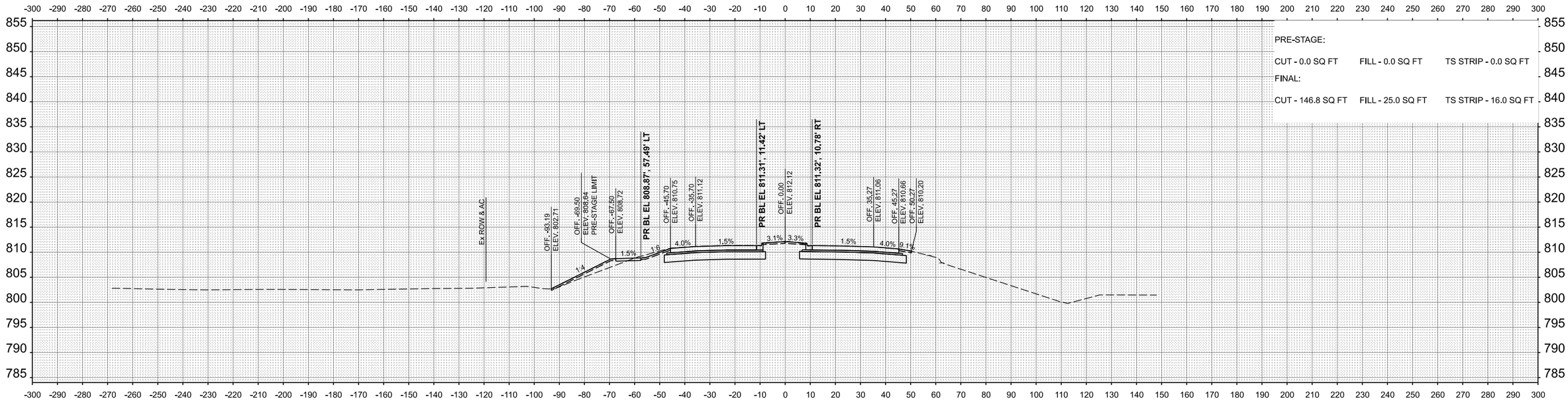
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

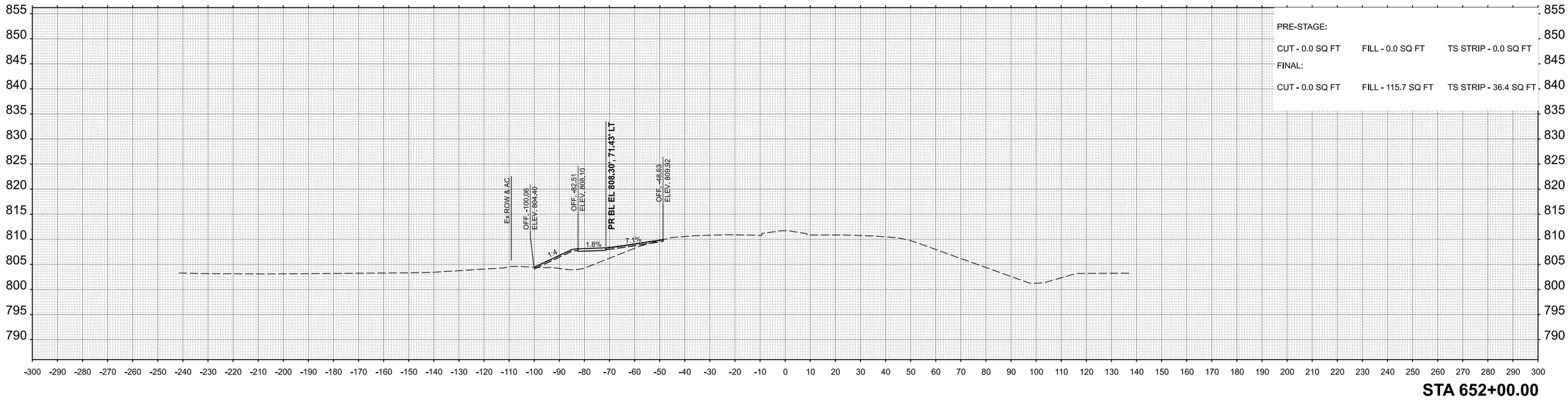
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 14 OF 53 SHEETS | STA. 651+00.00 | TO STA. 651+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 469 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

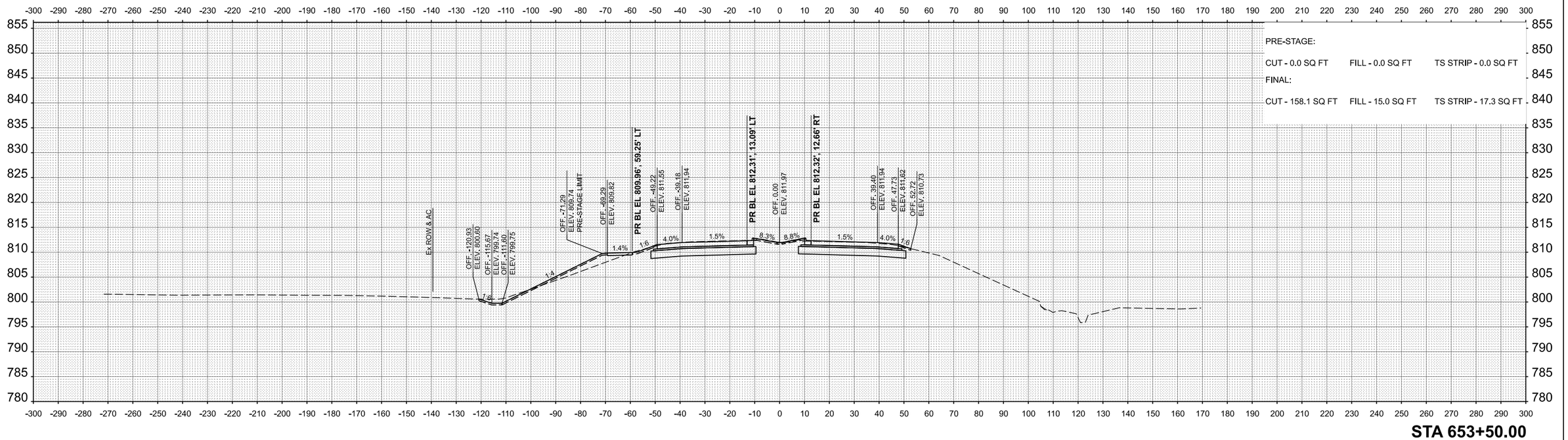
SCALE: 1"=20' | SHEET 15 OF 53 SHEETS | STA. 652+00.00 | TO STA. 652+50.00

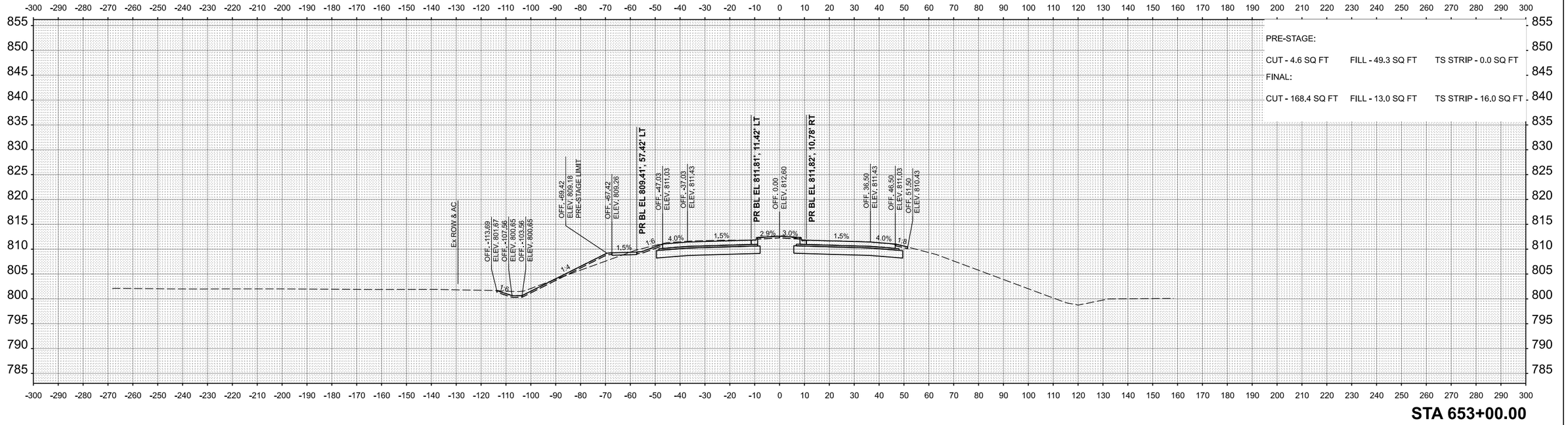
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 470 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 652+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn




FINAL SURVEY / ORIGINAL SURVEY

| NO. | NOTE BOOK | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

MODEL: PR_CL_38 - 653+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

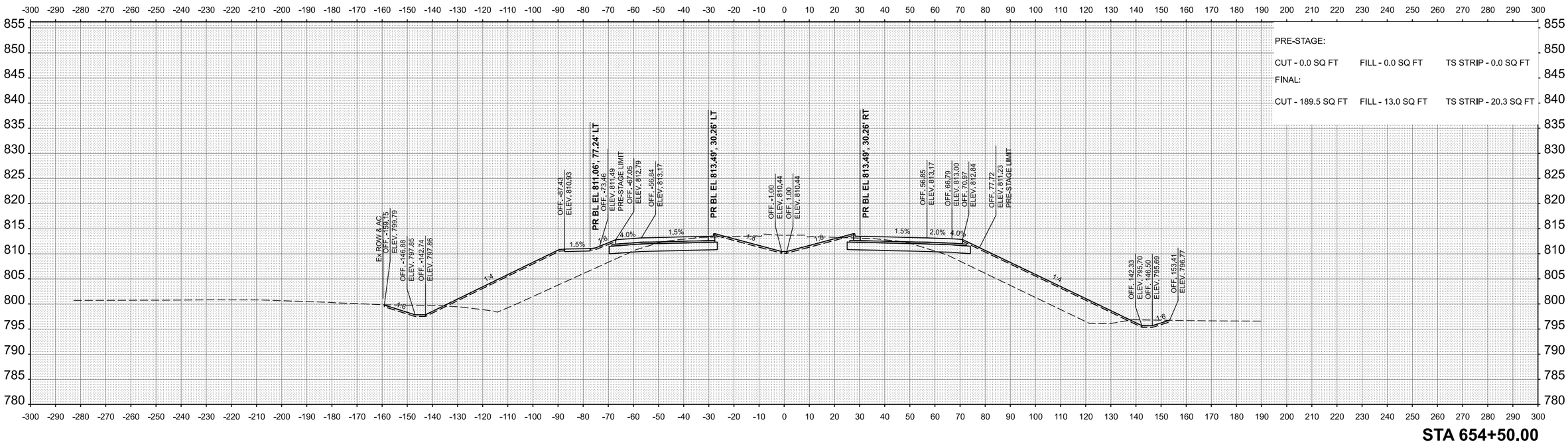
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

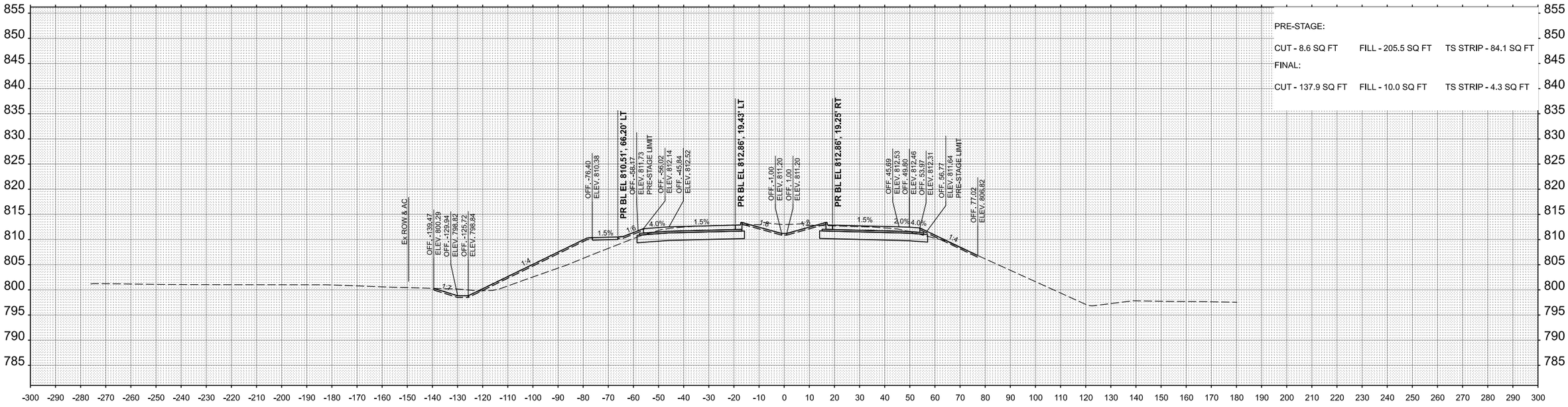
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 16 OF 53 SHEETS | STA. 653+00.00 | TO STA. 653+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 471 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

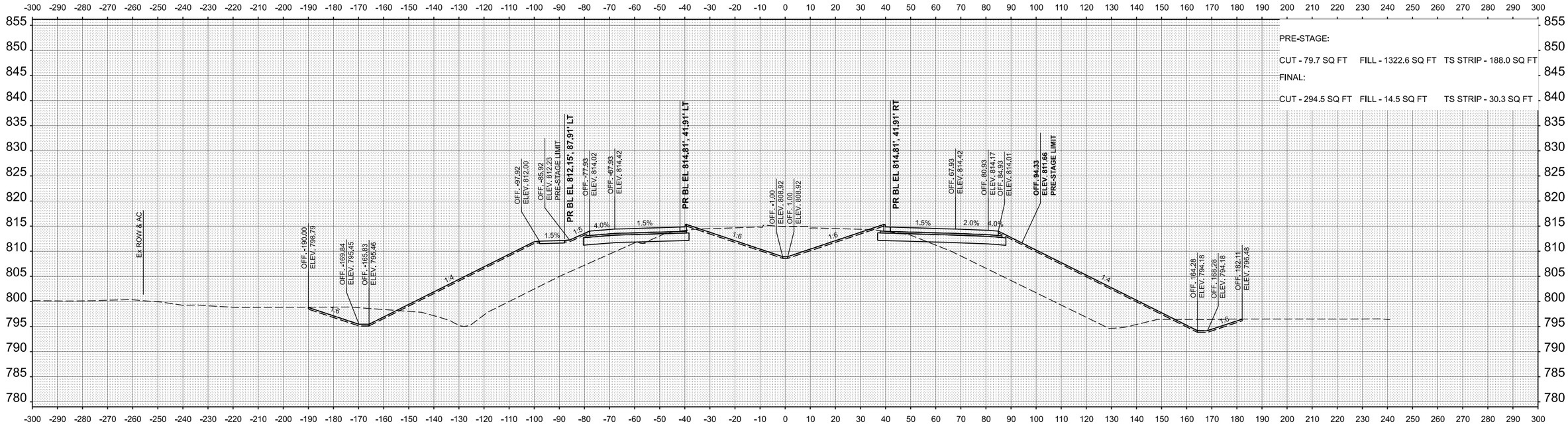
SCALE: 1"=20' | SHEET 17 OF 53 SHEETS | STA. 654+00.00 | TO STA. 654+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 472 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

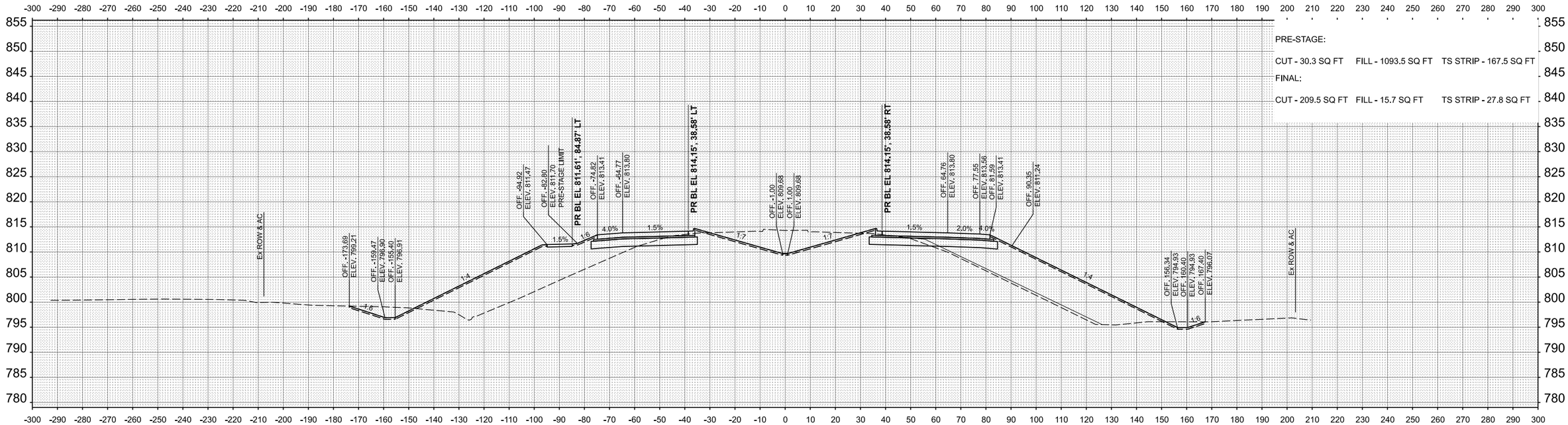
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
NOTE BOOK | NO.
BY | DATE

MODEL: PR_CL_38 - 654+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




STA 655+50.00




STA 655+00.00

FINAL SURVEY / ORIGINAL SURVEY

| | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

NOTE BOOK
NO.

MODEL: PR_CL_38 - 655+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

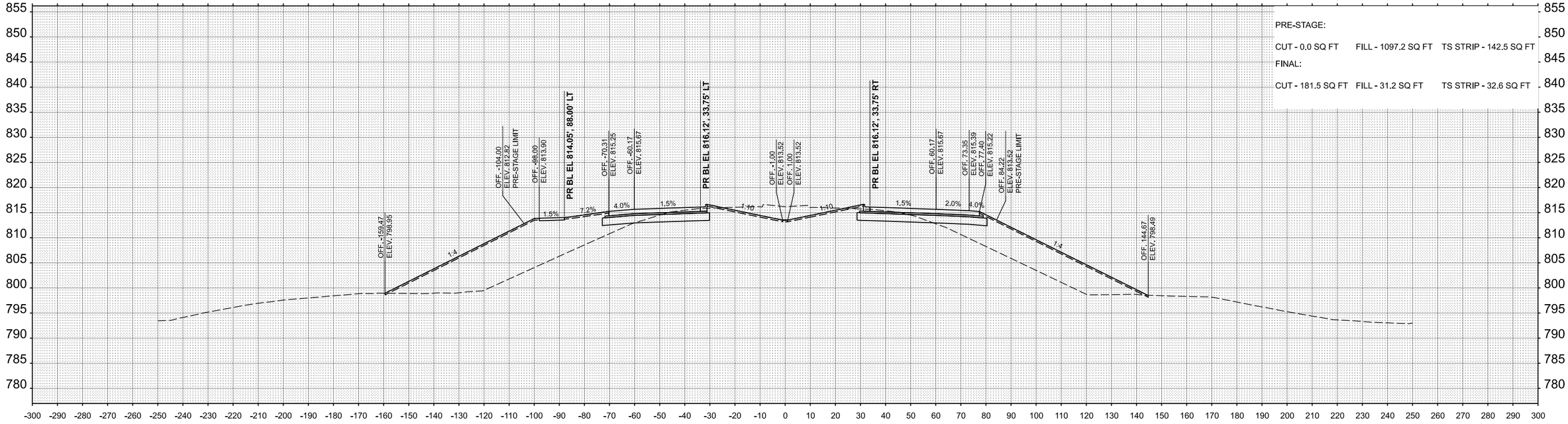
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

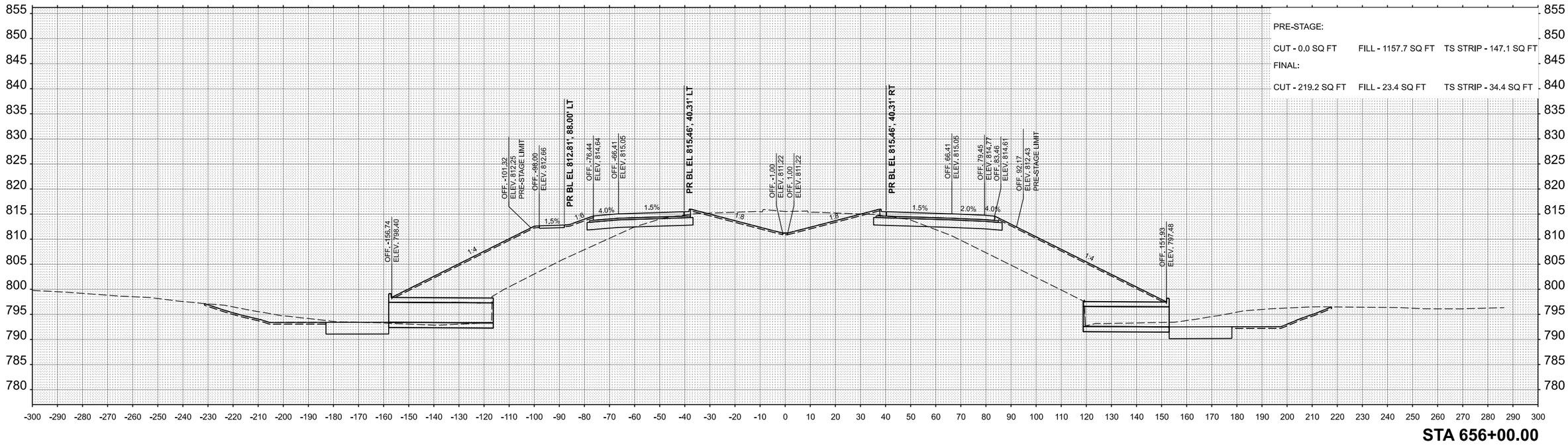
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 18 OF 53 SHEETS | STA. 655+00.00 | TO STA. 655+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 473 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: PR_CL_38 - 656+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

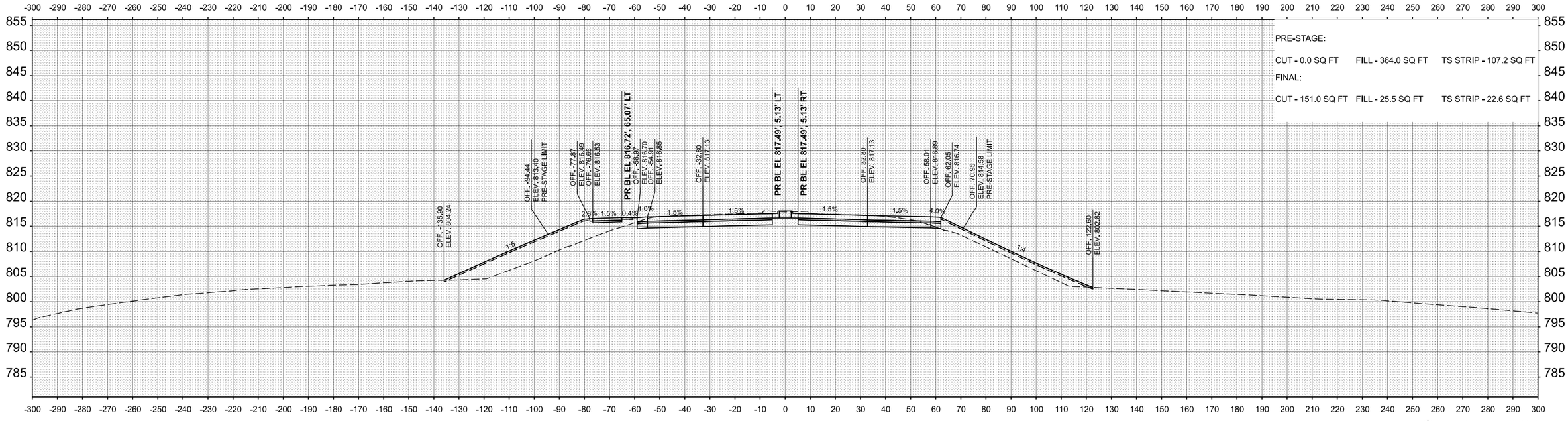
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

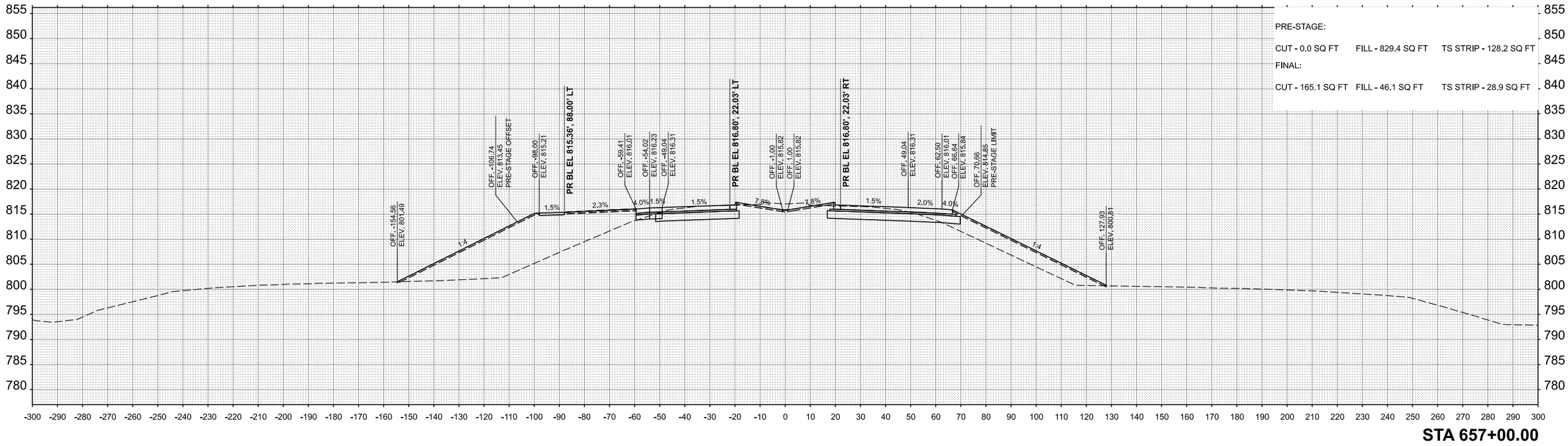
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 19 OF 53 SHEETS | STA. 656+00.00 | TO STA. 656+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 474 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| | | | | | |
|---|---|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL 38/I-39 INTERCHANGE IMPROVEMENTS CROSS SECTIONS - IL 38 |
| | | DRAWN - | REVISED - | | |
| | | CHECKED - | REVISED - | | |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - | | SCALE: 1"=20' SHEET 20 OF 53 SHEETS STA. 657+00.00 TO STA. 657+50.00 |

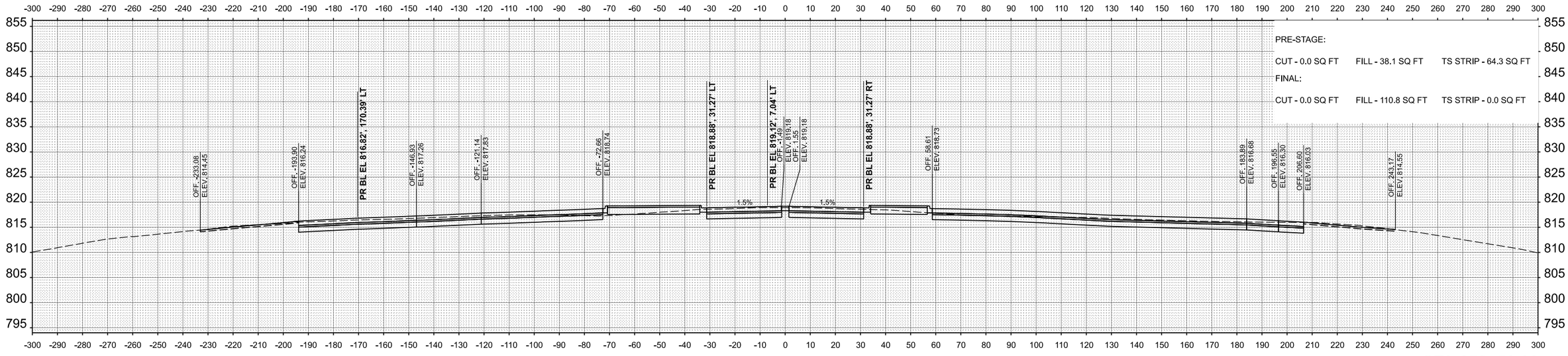
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 475 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

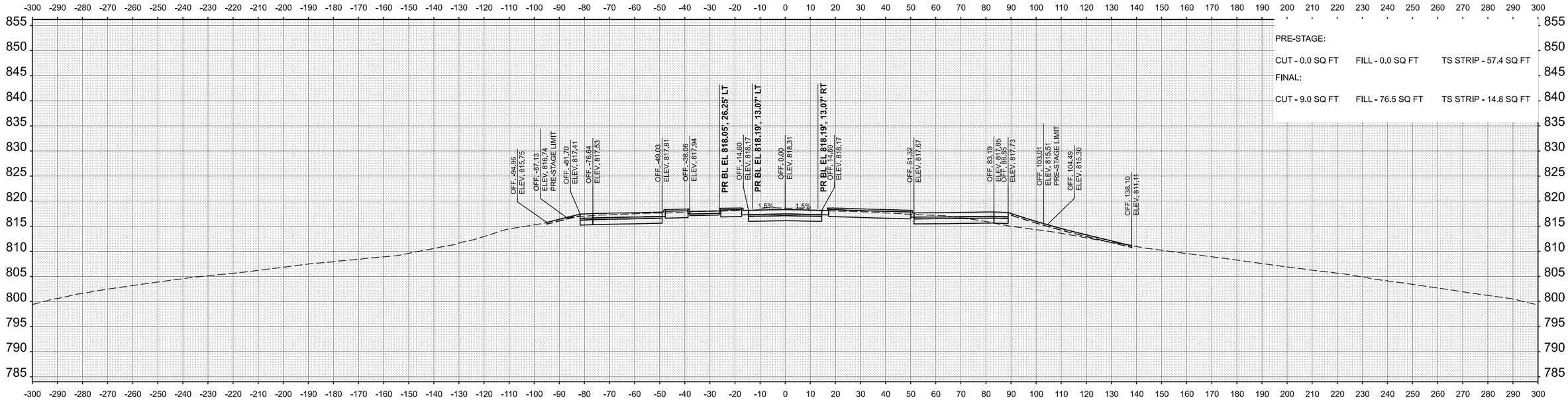
FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK, NO.; BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK, NO.

MODEL: PR_CL_38 - 657+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




**STA 658+50.00**




**STA 658+00.00**

| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

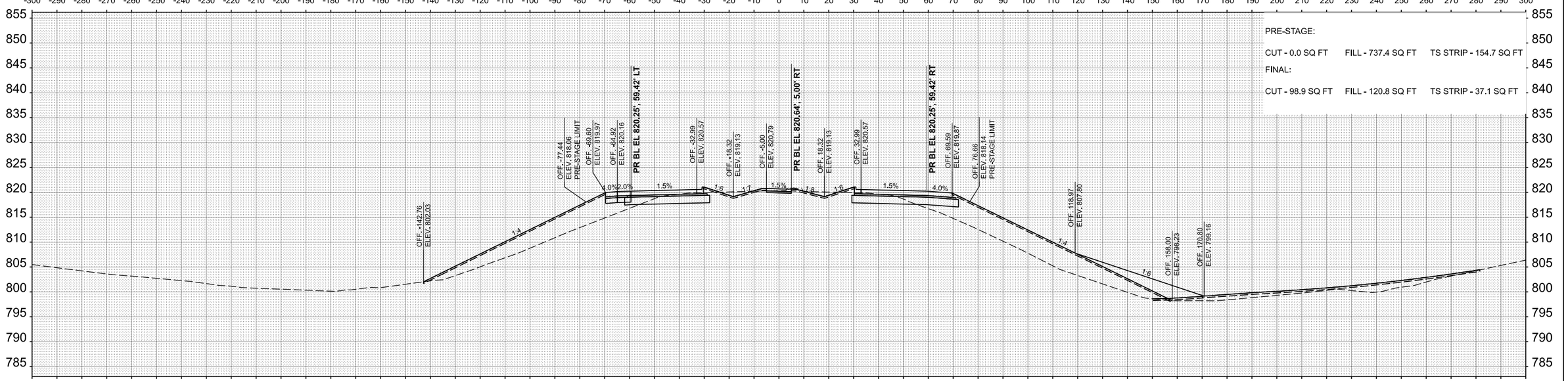
SCALE: 1"=20' | SHEET 21 OF 53 SHEETS | STA. 658+00.00 | TO STA. 658+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 476 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

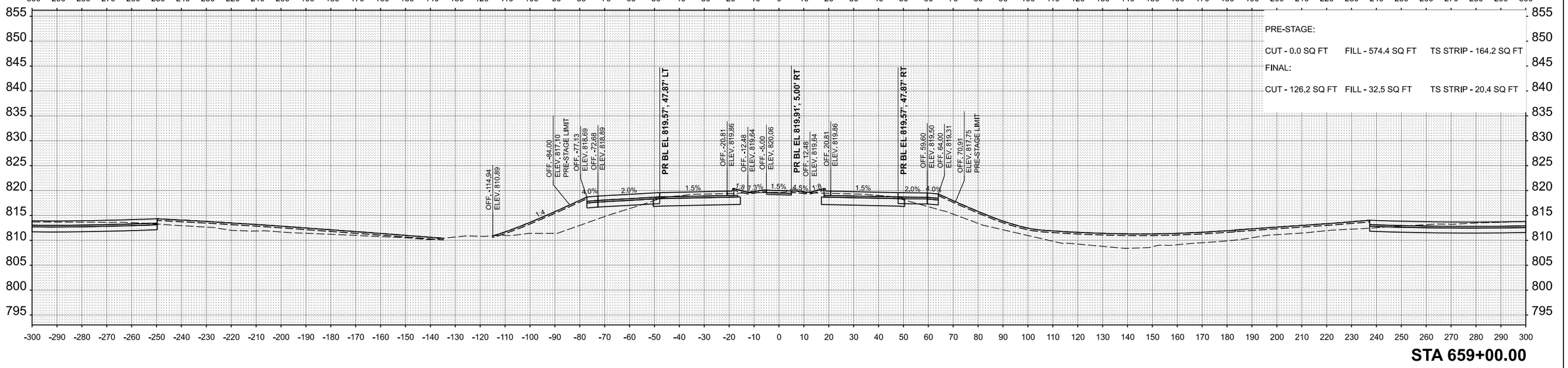
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK NO.
SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED
BY DATE

MODEL: PR_CL_38 - 658+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-shtxsc.dgn




**STA 659+50.00**




**STA 659+00.00**

| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

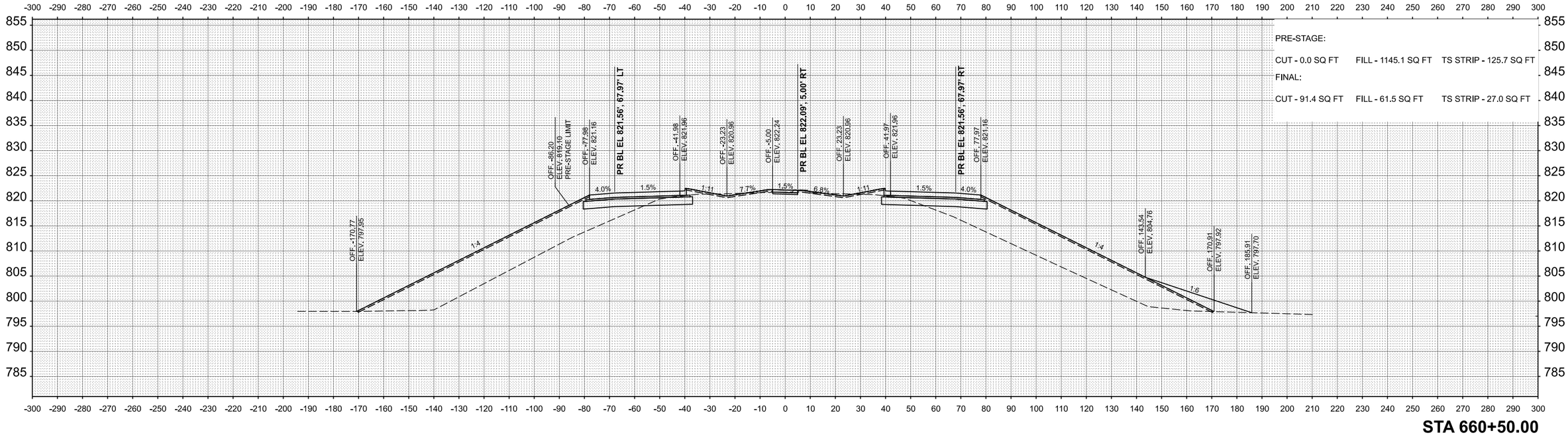
SCALE: 1"=20' | SHEET 22 OF 53 SHEETS | STA. 659+00.00 | TO STA. 659+50.00

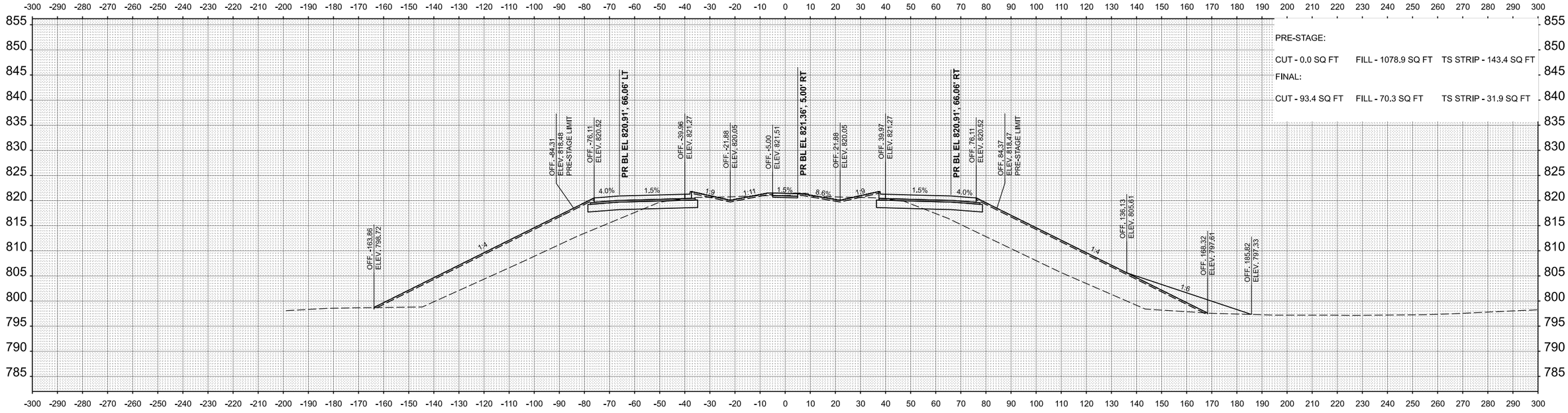
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 477 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 659+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

MODEL: PR_CL_38 - 660+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

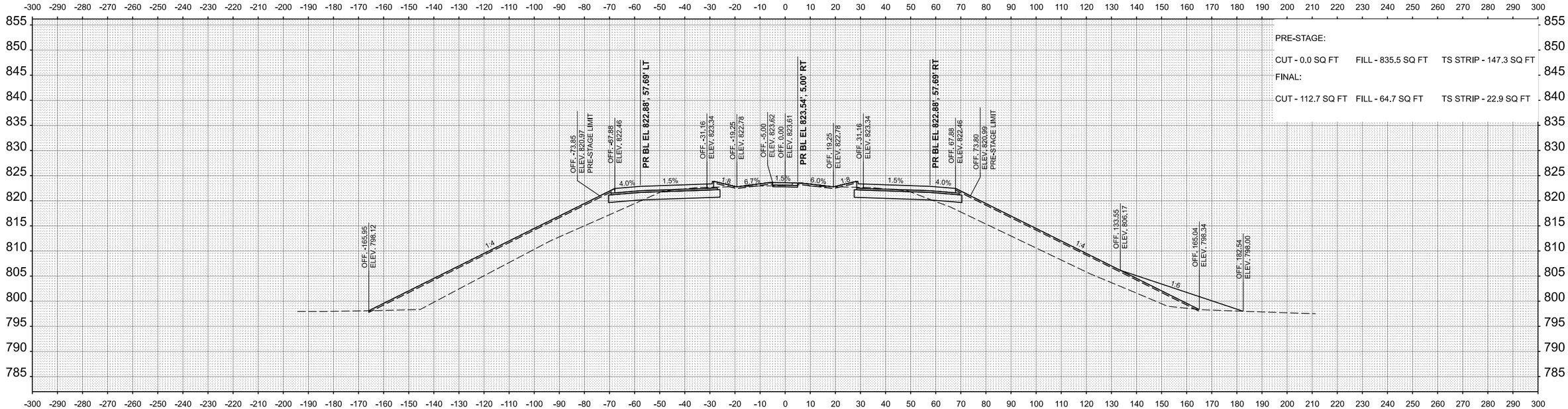
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

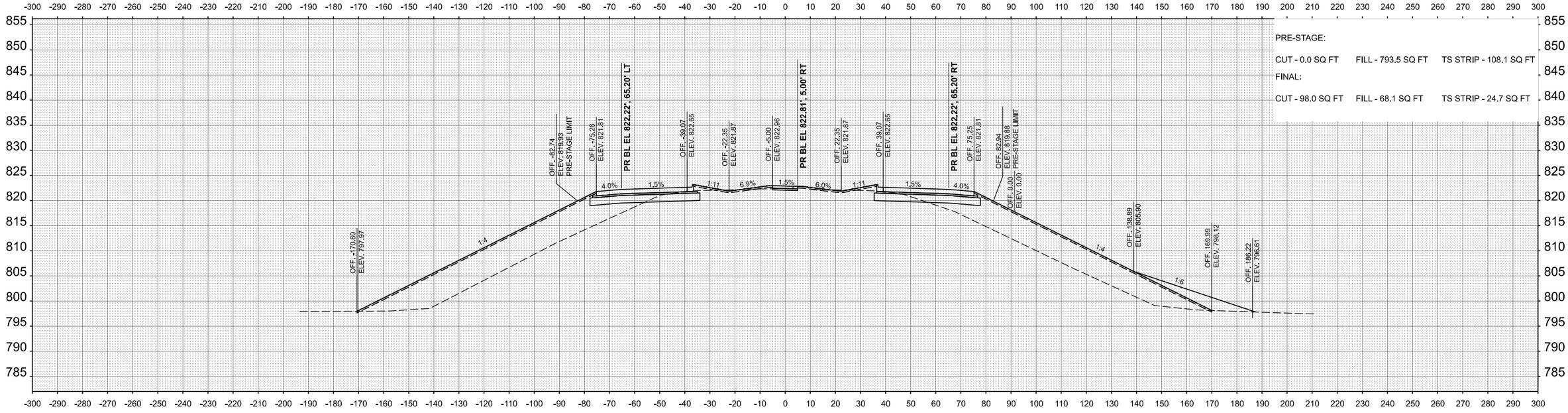
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 23 OF 53 SHEETS | STA. 660+00.00 | TO STA. 660+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 478 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: PR_CL_38 - 661+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
|---|---|---|
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

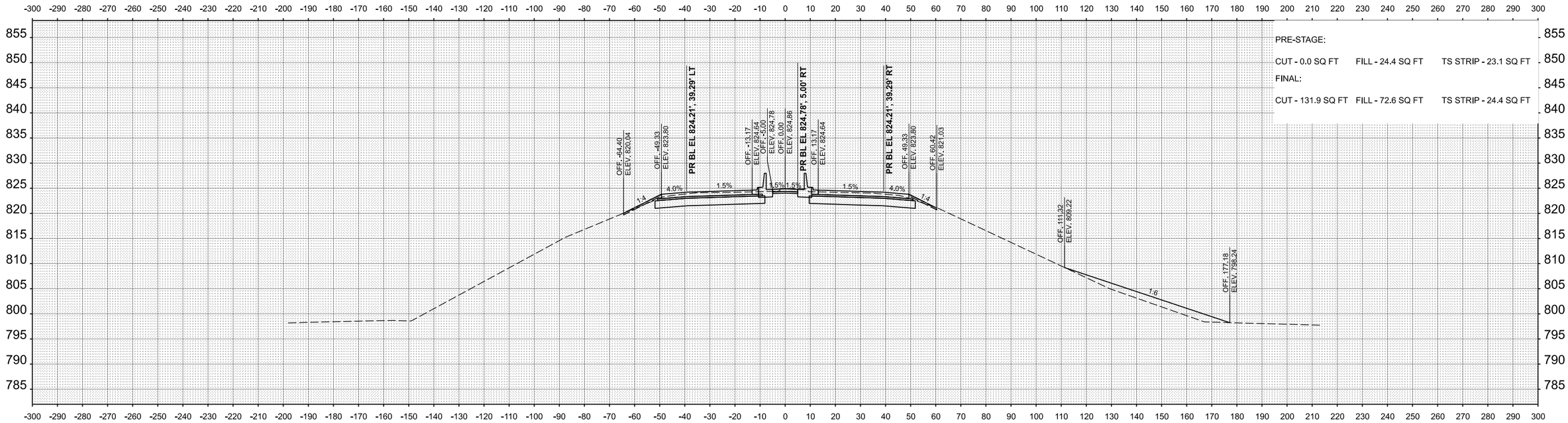
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

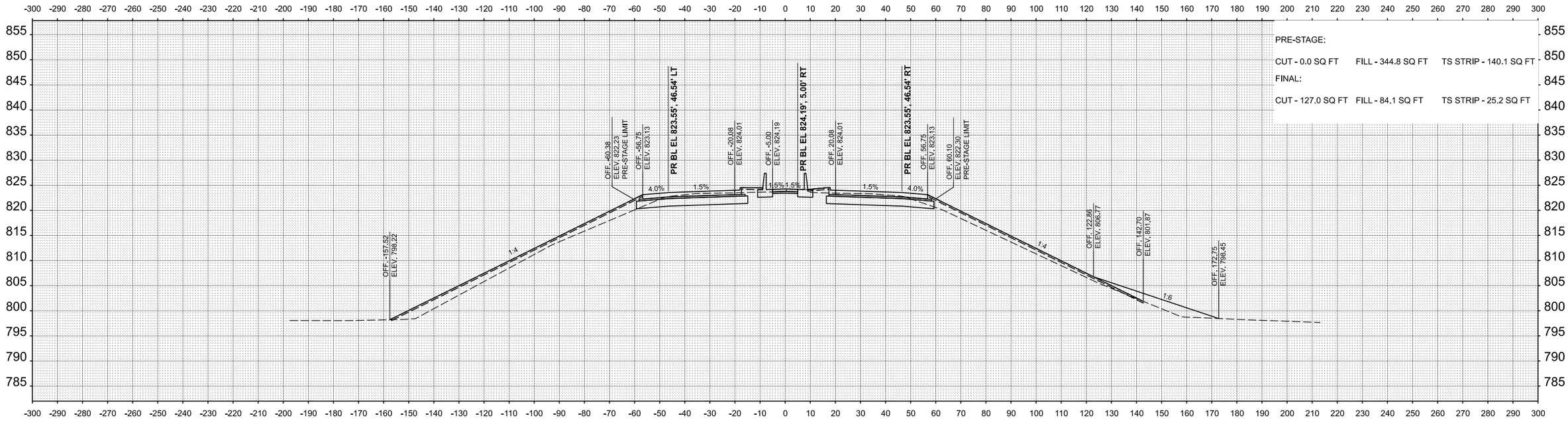
SCALE: 1"=20' | SHEET 24 OF 53 SHEETS | STA. 661+00.00 TO STA. 661+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 479 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 662+50.00**




**STA 662+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

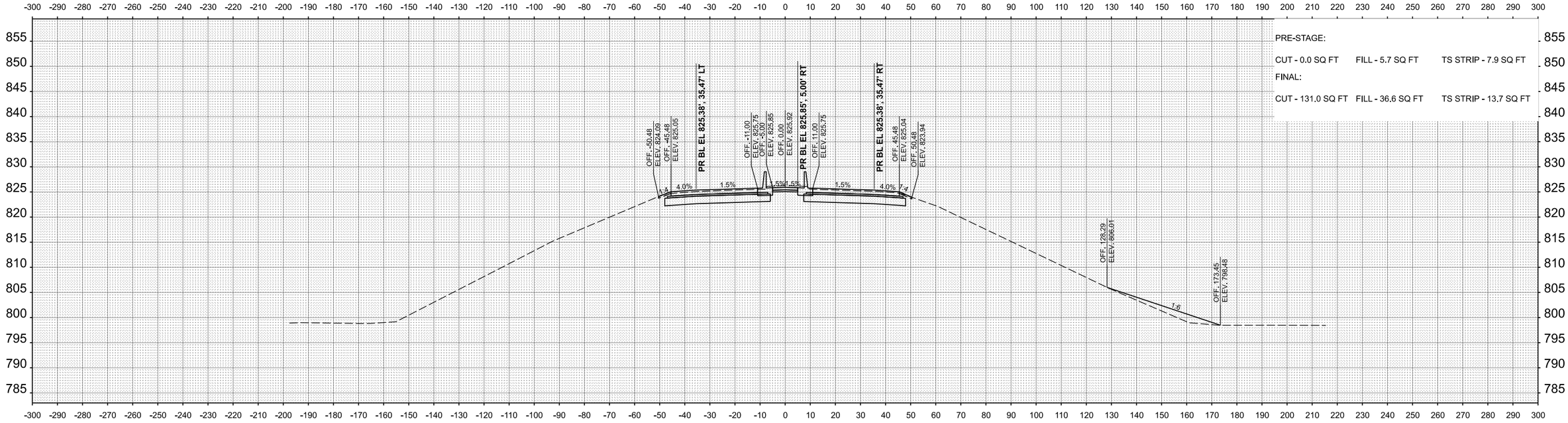
SCALE: 1"=20' | SHEET 25 OF 53 SHEETS | STA. 662+00.00 | TO STA. 662+50.00

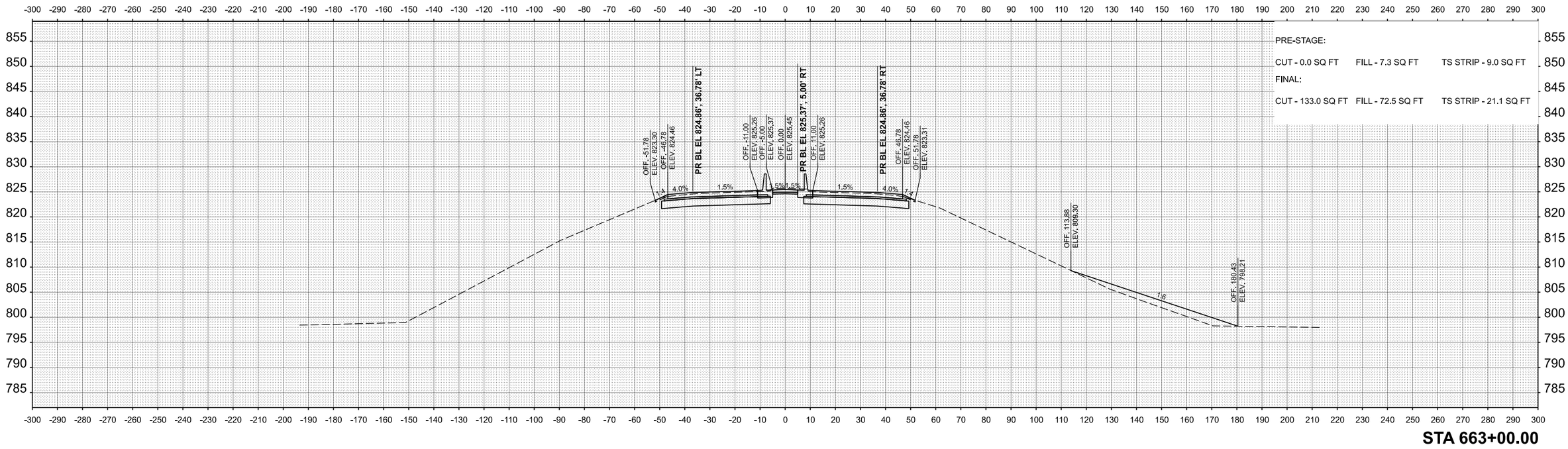
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 480 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED
NOTE BOOK / NO.
BY / DATE

MODEL: PR_CL_38 - 662+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: PR_CL_38 - 663+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = cward | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/18/2025 | DATE - | REVISED - |

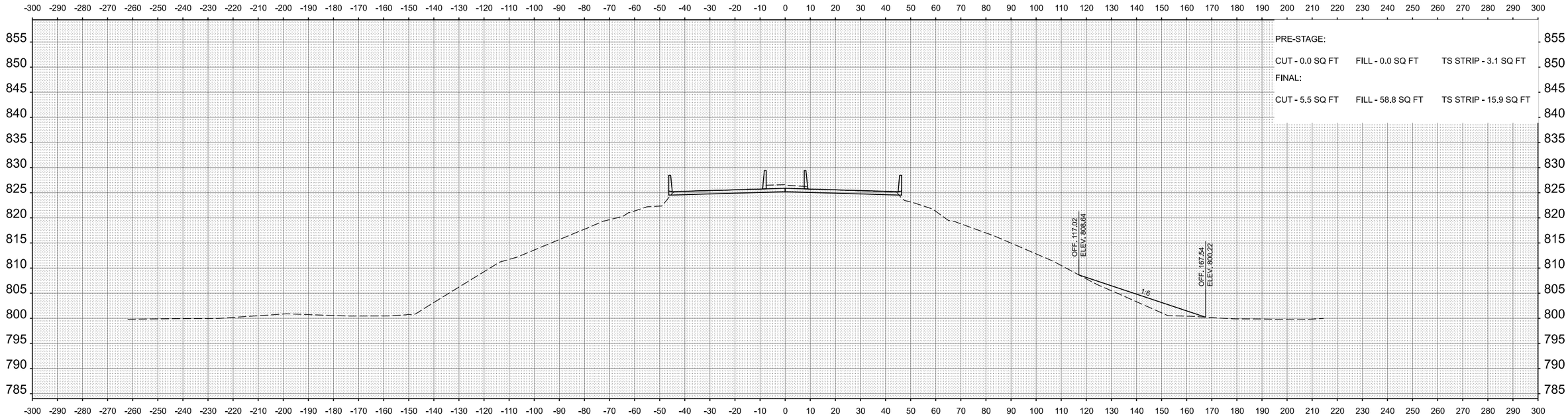
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 26 OF 53 SHEETS | STA. 663+00.00 | TO STA. 663+50.00

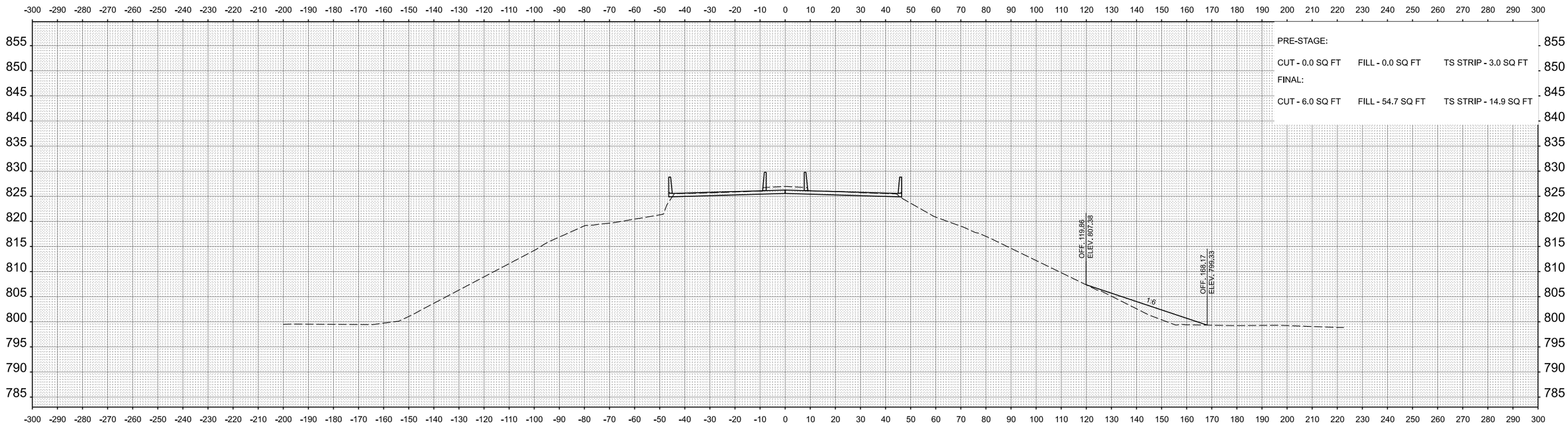
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 481 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 666+50.00**

**NOTE: SEE STRUCTURAL PLANS FOR BRIDGE INFORMATION**




**STA 664+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| NOTE BOOK | | |
| NO. | | |

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| NOTE BOOK | | |
| NO. | | |

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: PR_CL_38 - 664+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

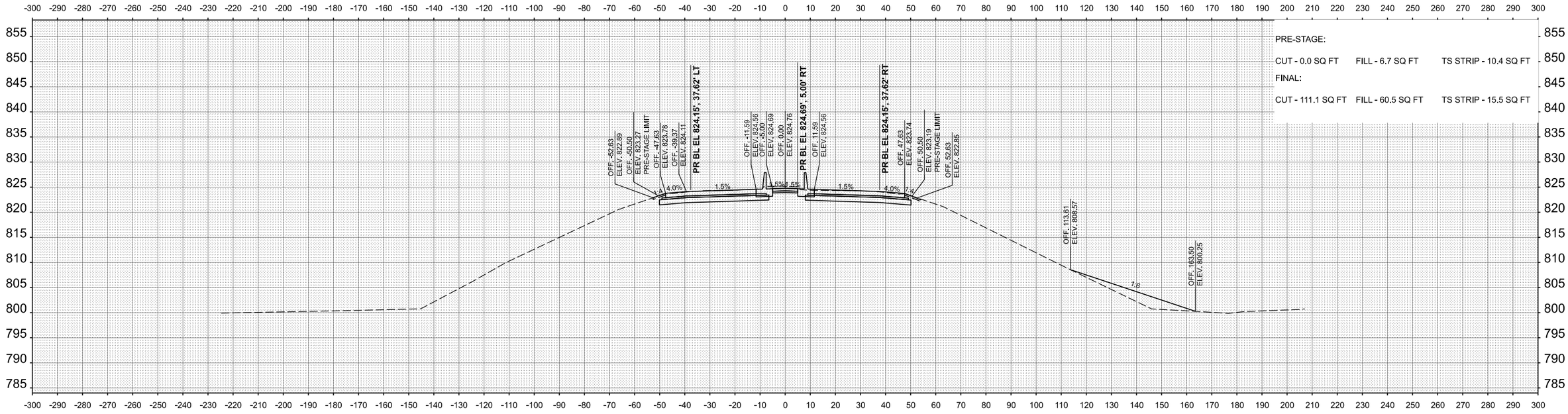
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

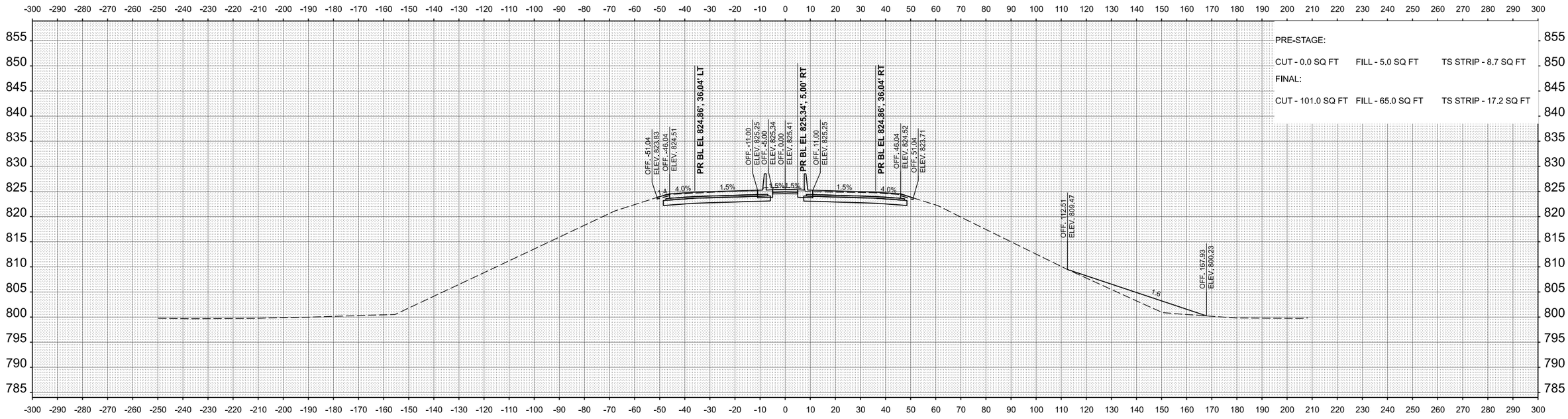
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 27 OF 53 SHEETS | STA. 664+00.00 | TO STA. 664+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 482 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | | |
| NO. | AREAS CHECKED | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | | |
| NO. | AREAS CHECKED | |

MODEL: PR_CL_38 - 667+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

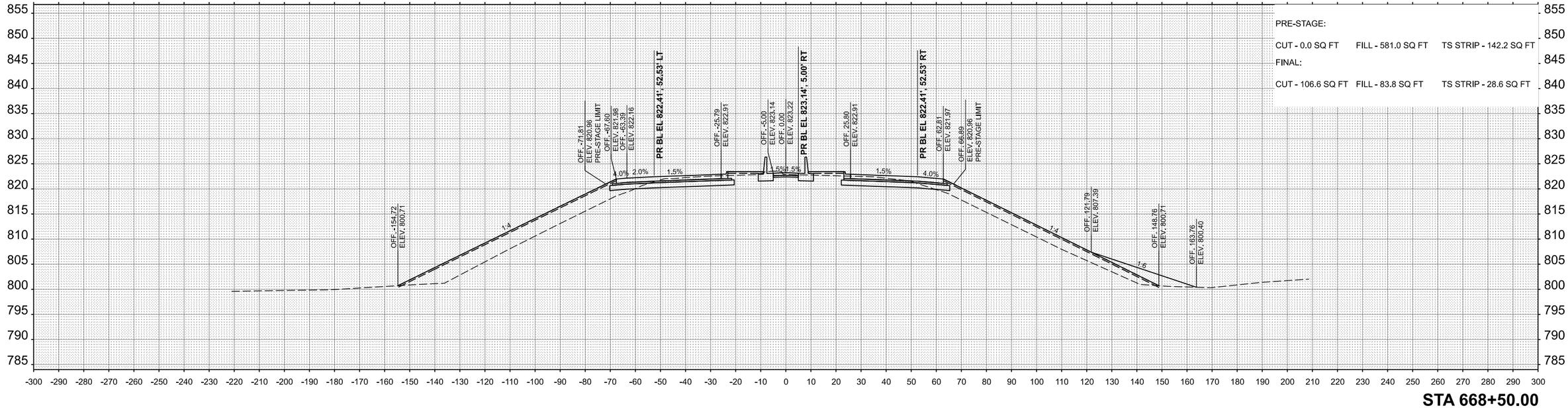
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

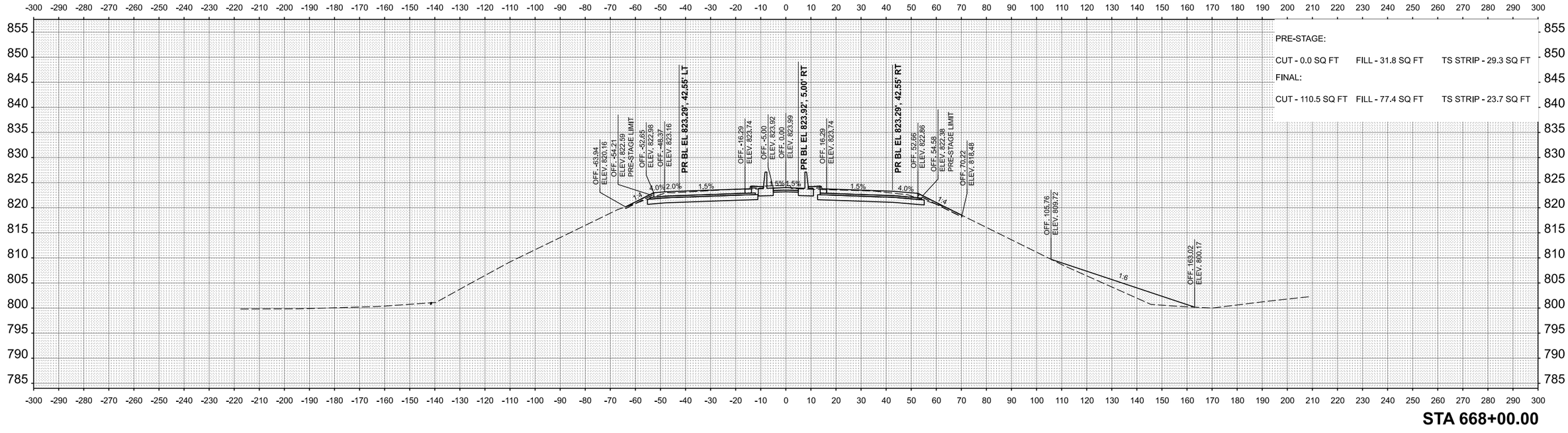
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 28 OF 53 SHEETS | STA. 667+00.00 | TO STA. 667+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 483 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




FINAL SURVEY | NOTE BOOK | NO.
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO.
SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
BY | DATE

MODEL: PR_CL_38 - 668+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\CivilD264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

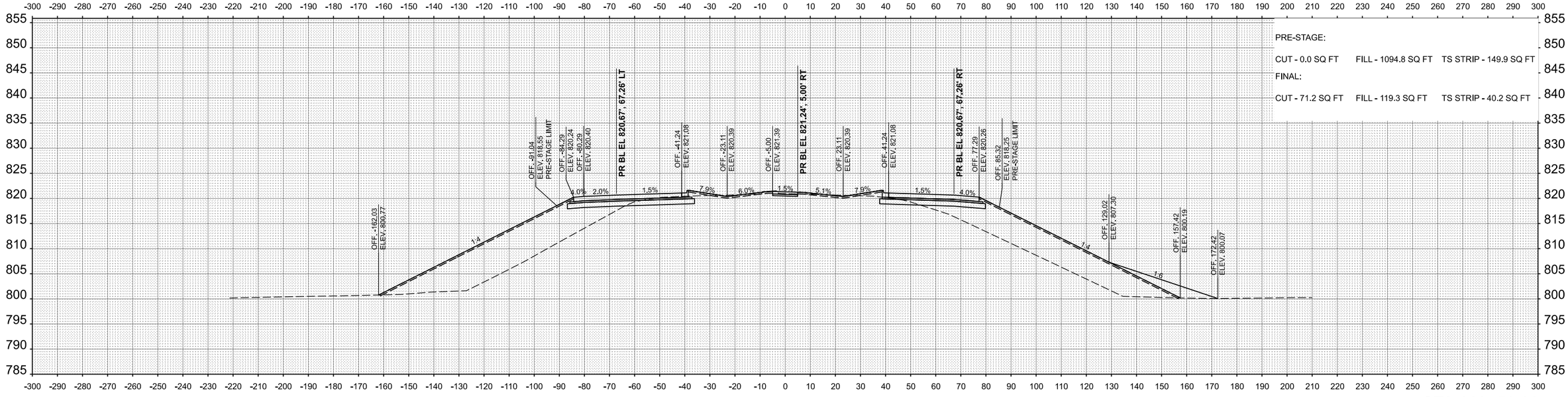
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

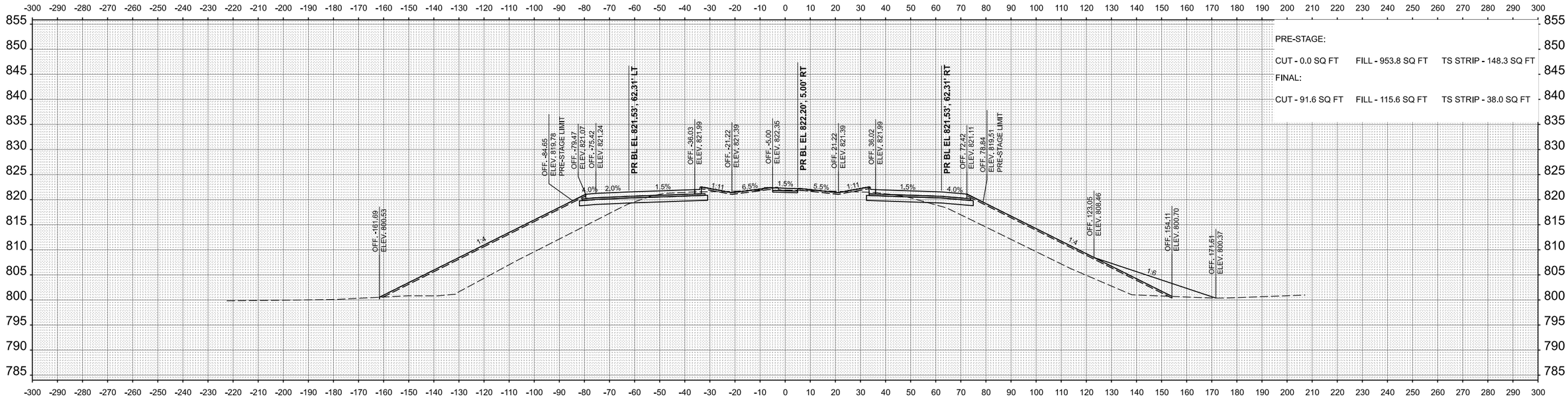
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 29 OF 53 SHEETS | STA. 668+00.00 | TO STA. 668+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 484 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| | SURVEYED | | |
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| | SURVEYED | | |
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: PR_CL_38 - 669+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht+xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

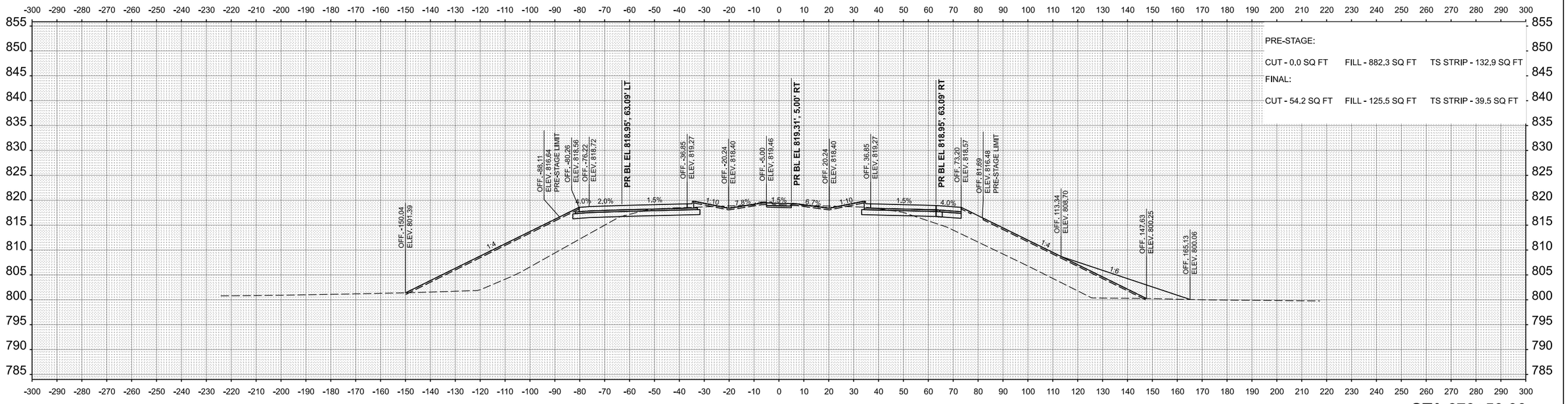
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

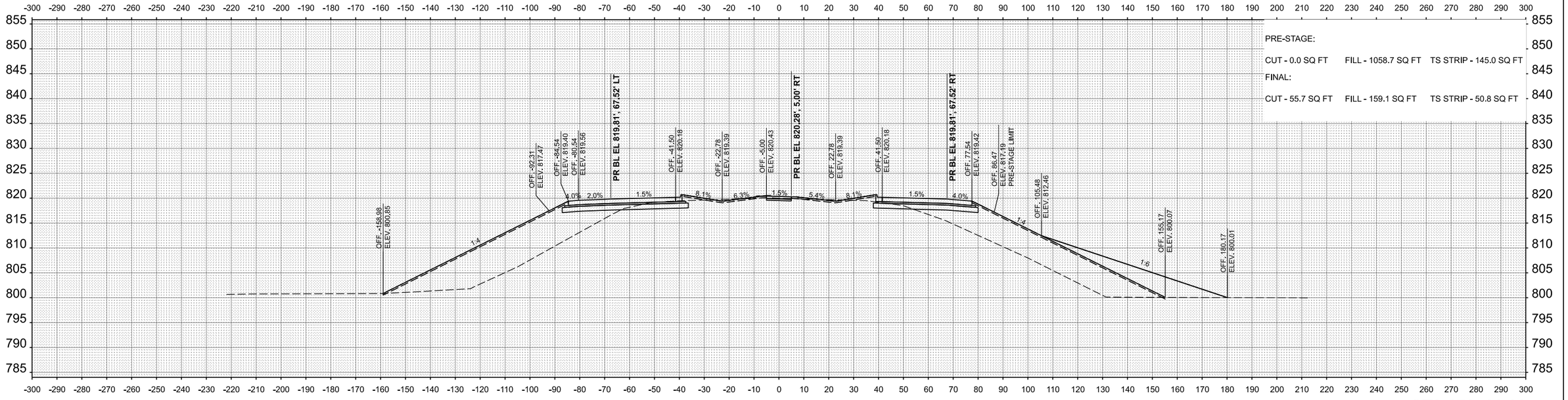
SCALE: 1"=20' | SHEET 30 OF 53 SHEETS | STA. 669+00.00 | TO STA. 669+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 485 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 670+50.00**




**STA 670+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600, Rosemont, Illinois 60018, (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 31 OF 53 SHEETS | STA. 670+00.00 | TO STA. 670+50.00

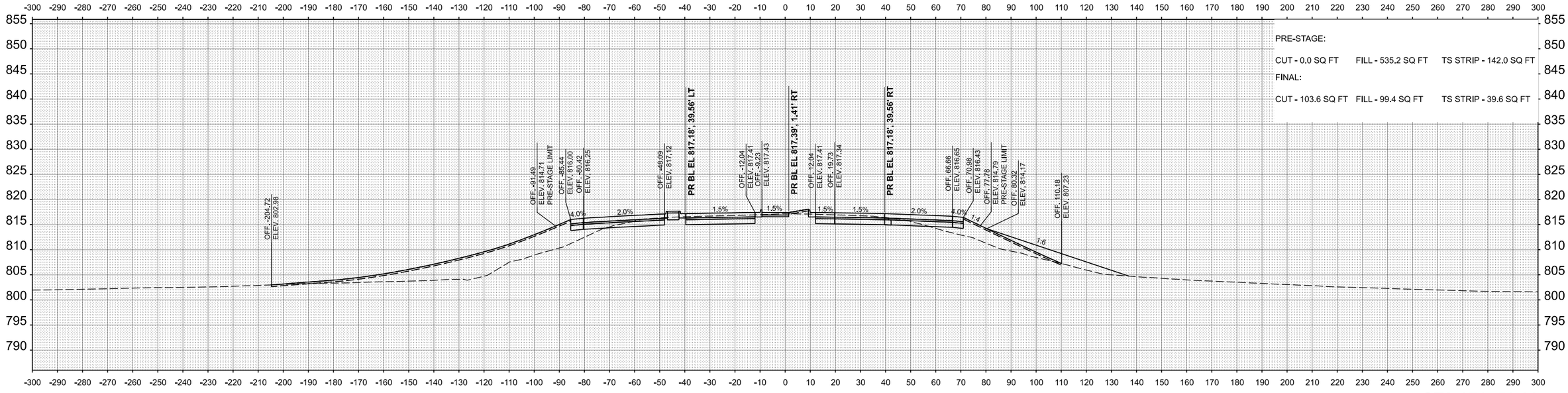
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 486 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

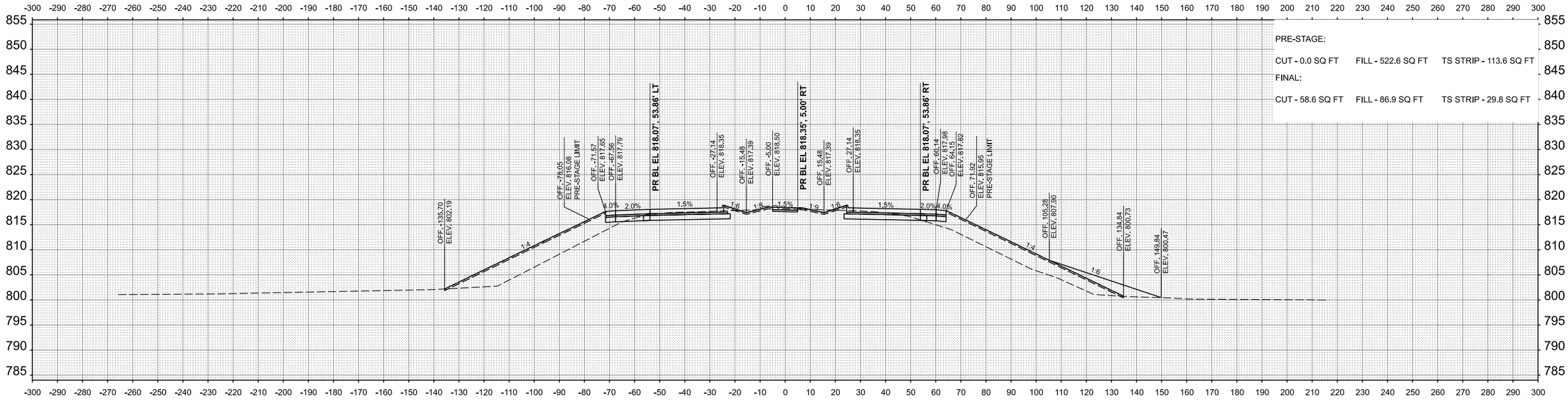
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: PR_CL_38 - 670+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600, Rosemont, Illinois 60018, (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

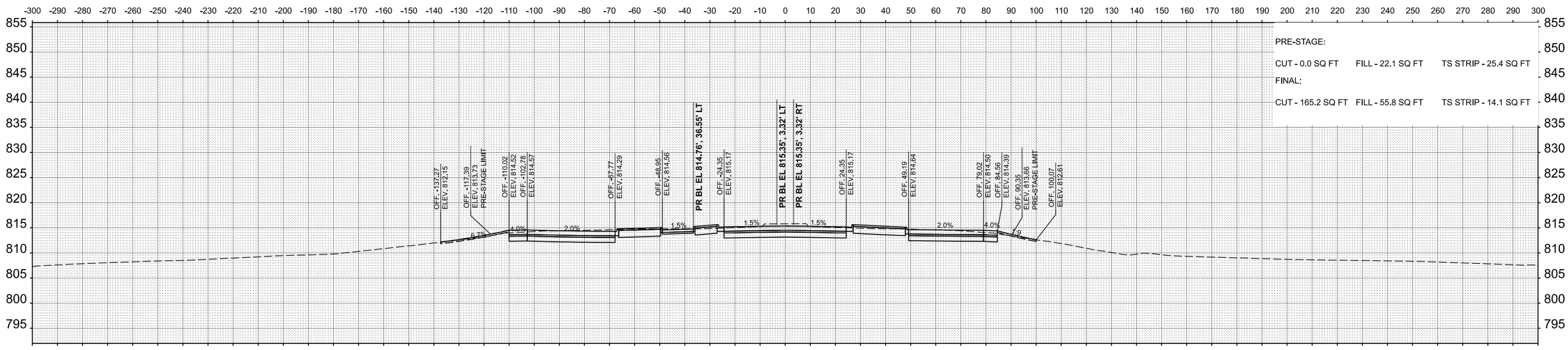
SCALE: 1"=20' | SHEET 32 OF 53 SHEETS | STA. 671+00.00 | TO STA. 671+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 487 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

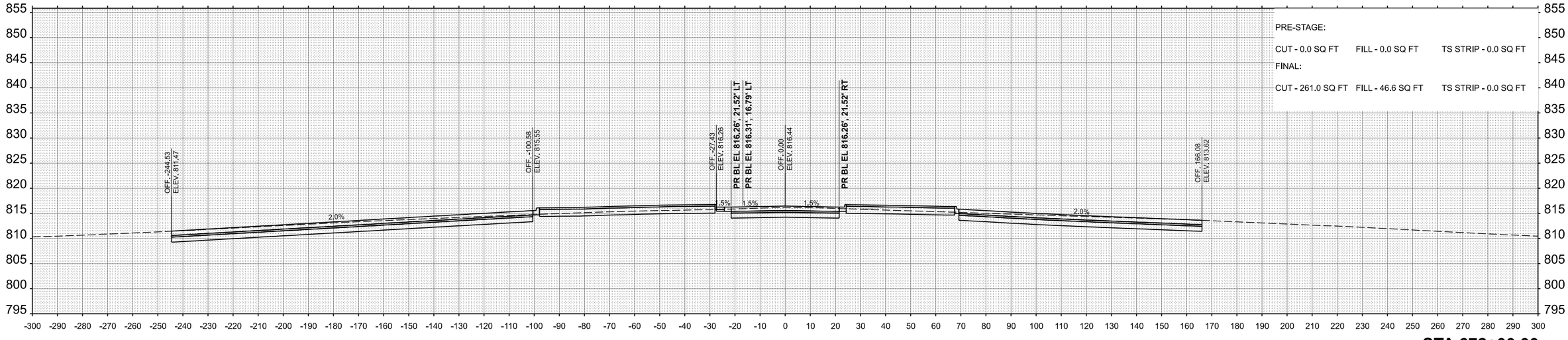
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 671+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




**STA 672+50.00**




**STA 672+00.00**

FINAL SURVEY

| NO. | BY | DATE |
|---|---|---|
| NOTE BOOK | | |
| | SURVEYED | |
| | PLOTTED | |
| | TEMPLATE | |
| | AREAS | |
| | AREAS CHECKED | |

ORIGINAL SURVEY

| NO. | BY | DATE |
|---|---|---|
| NOTE BOOK | | |
| | SURVEYED | |
| | PLOTTED | |
| | TEMPLATE | |
| | AREAS | |
| | AREAS CHECKED | |

MODEL: PR_CL_38 - 672+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

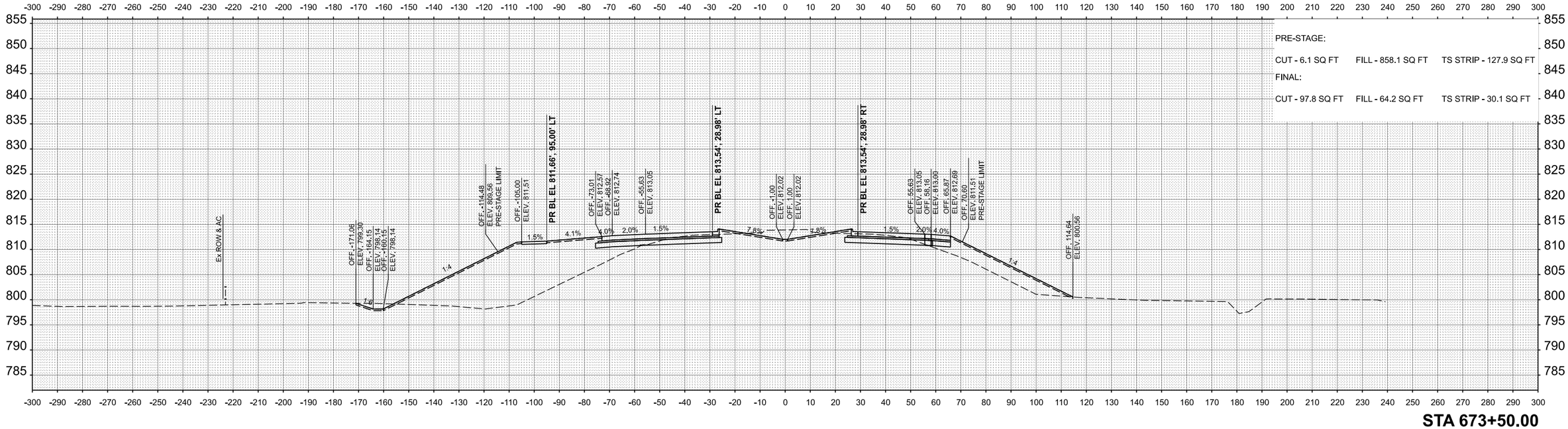
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

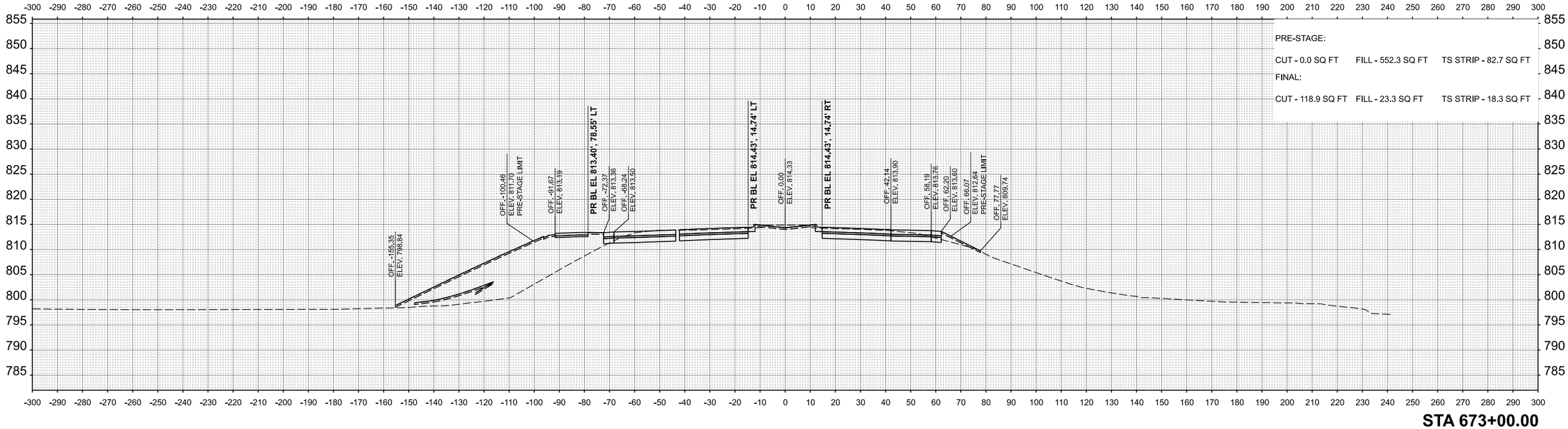
SCALE: 1"=20' | SHEET 33 OF 53 SHEETS | STA. 672+00.00 | TO STA. 672+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 488 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 673+50.00**




**STA 673+00.00**

| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 34 OF 53 SHEETS | STA. 673+00.00 | TO STA. 673+50.00

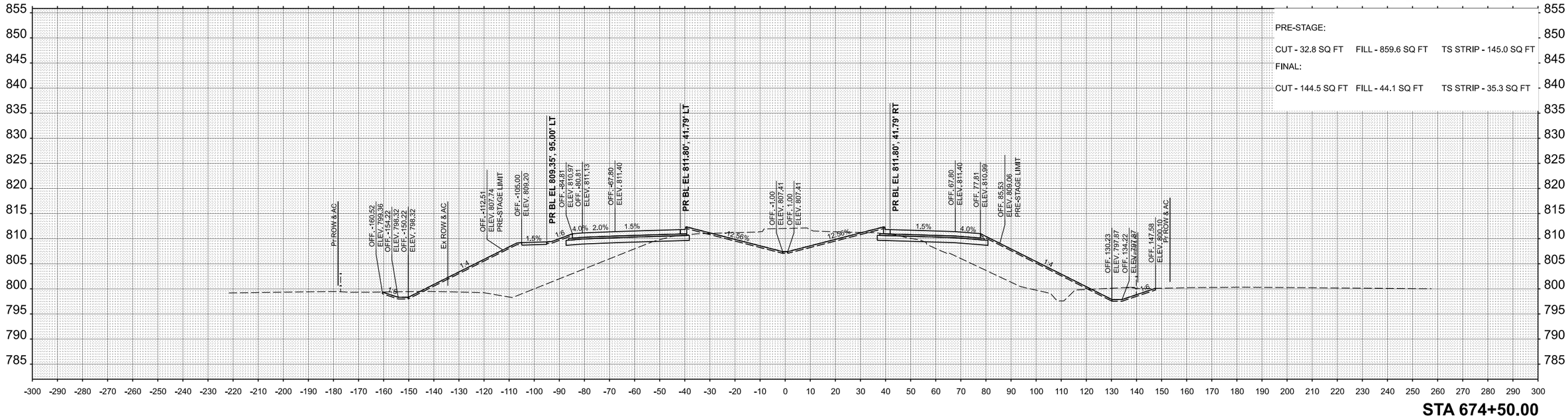
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 489 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

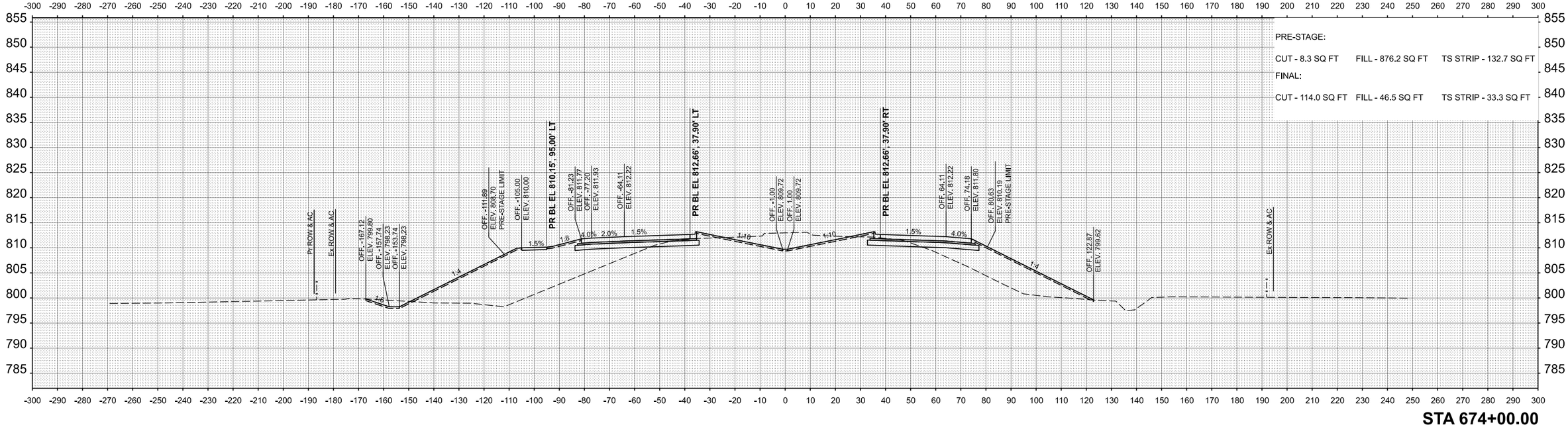
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: PR_CL_38 - 673+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

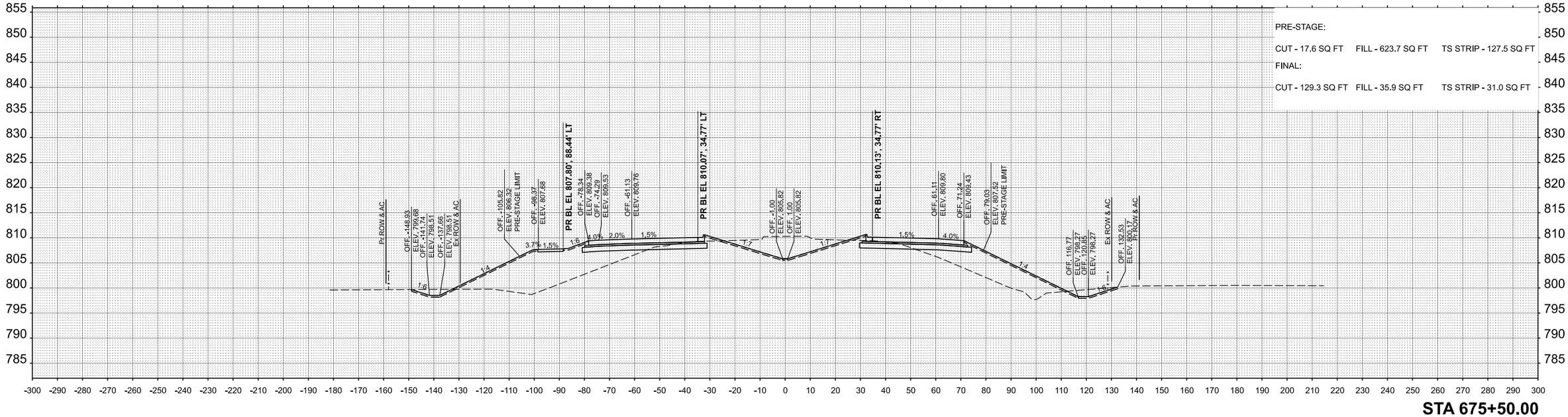
SCALE: 1"=20' | SHEET 35 OF 53 SHEETS | STA. 674+00.00 | TO STA. 674+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 490 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

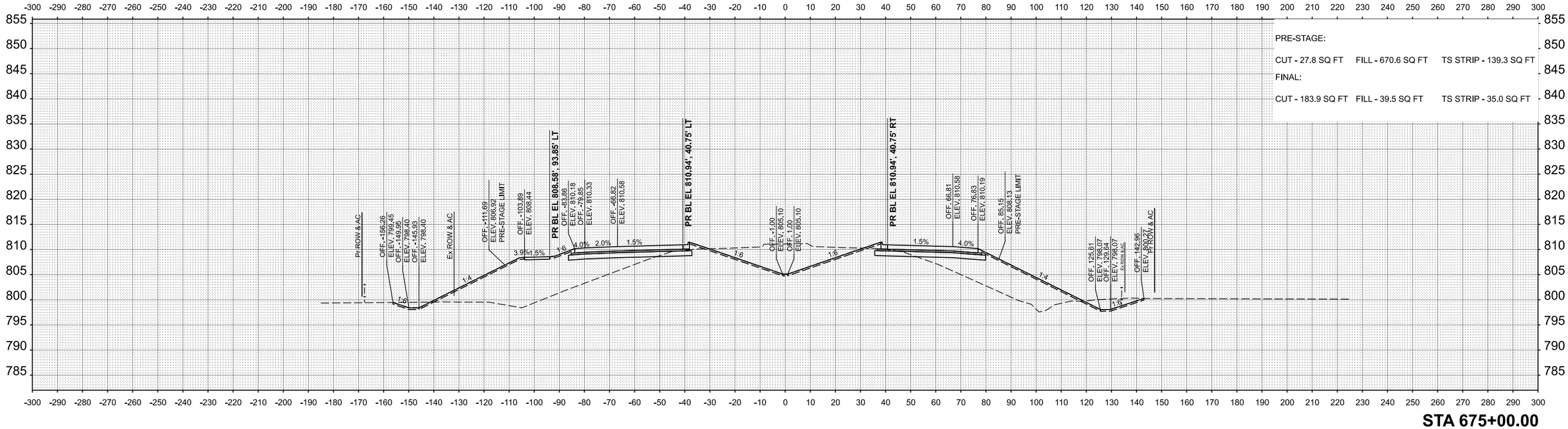
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 674+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




STA 675+50.00




STA 675+00.00

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: PR_CL_38 - 675+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

| USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
|---|---|---|
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

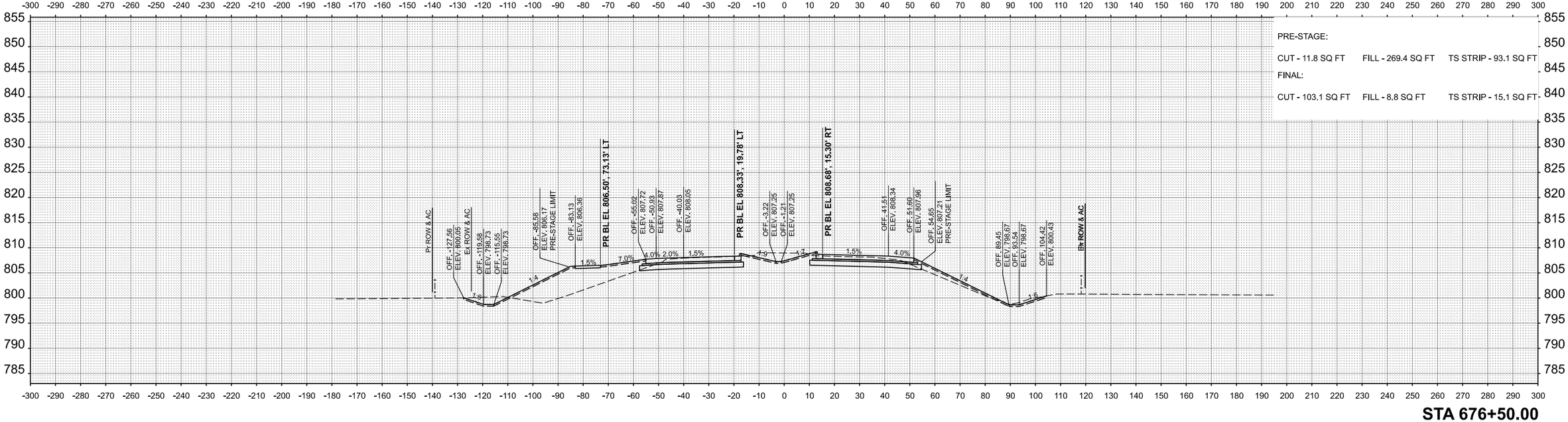
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

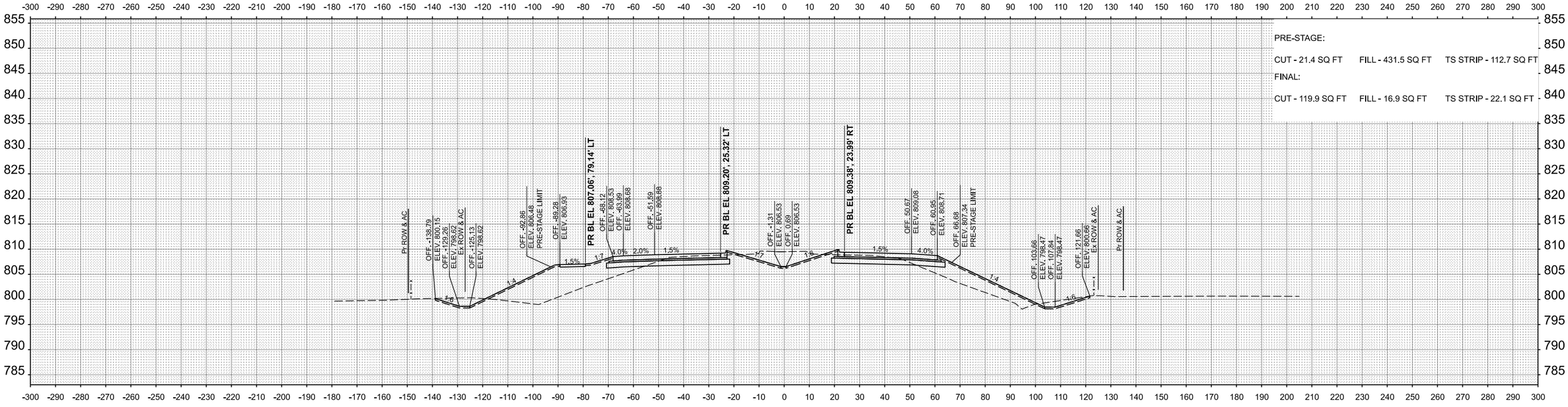
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 36 OF 53 SHEETS | STA. 675+00.00 TO STA. 675+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 491 |
| | | CONTRACT NO. 64N98 | | |
| | | ILLINOIS | FED. AID PROJECT | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| FINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |
| | |
| | |
| | |
| | |

| ORIGINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |
| | |
| | |
| | |
| | |

MODEL: PR_CL_38 - 676+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

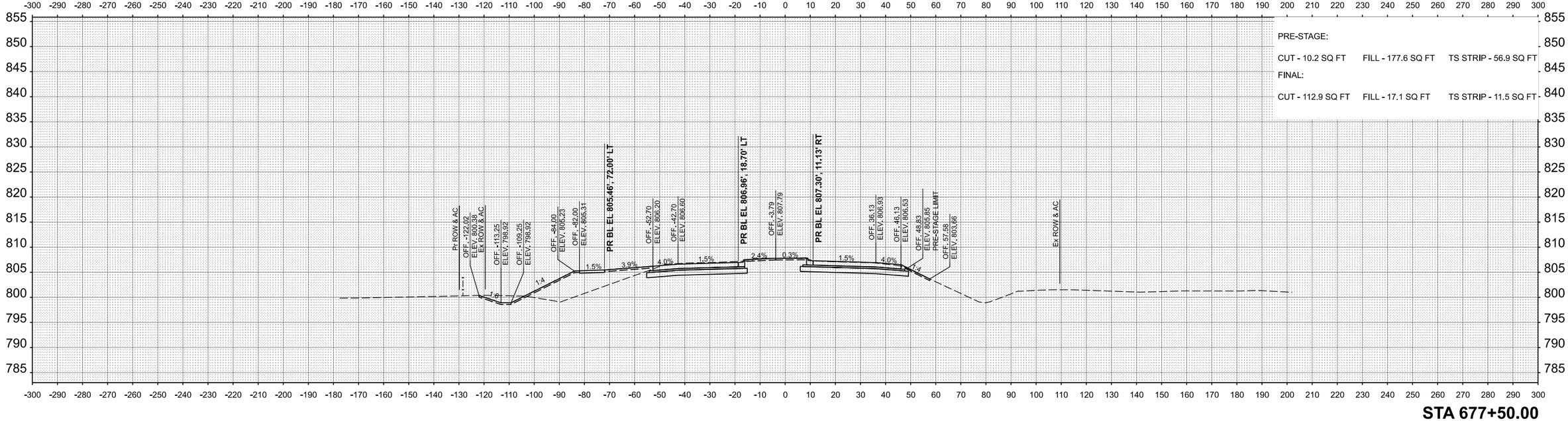
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

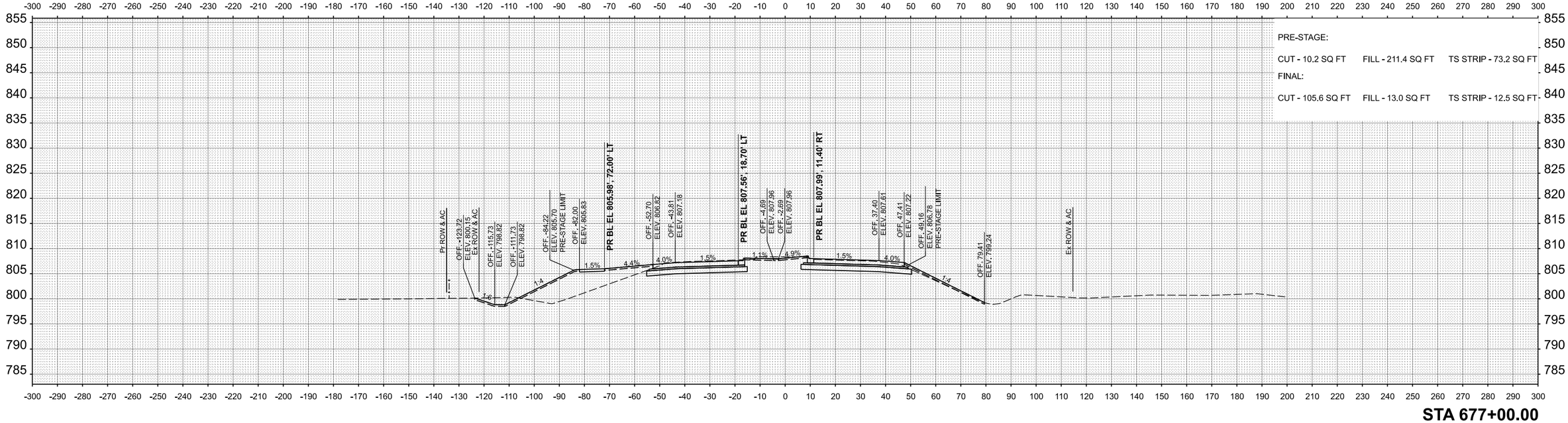
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

SCALE: 1"=20' | SHEET 37 OF 53 SHEETS | STA. 676+00.00 | TO STA. 676+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 492 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 677+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

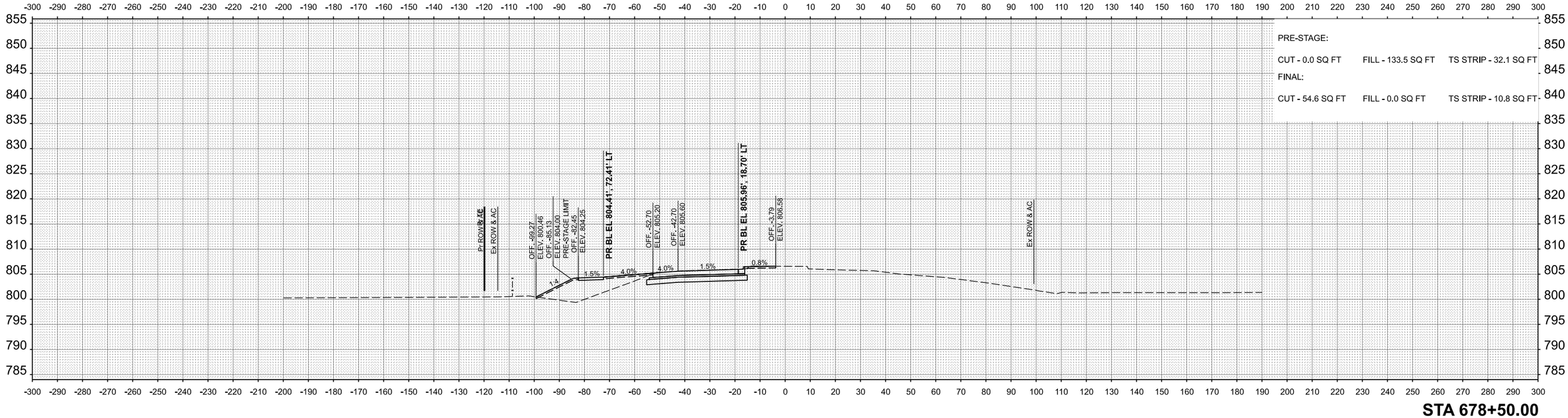
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

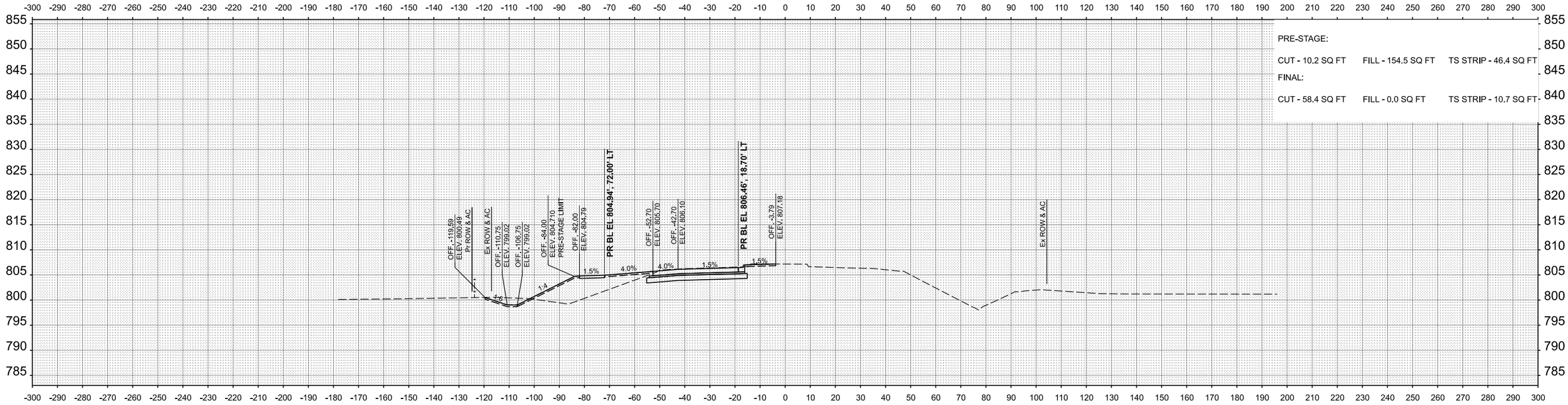
SCALE: 1"=20' | SHEET 38 OF 53 SHEETS | STA. 677+00.00 | TO STA. 677+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 493 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 678+50.00**




**STA 678+00.00**

| FINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

| ORIGINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

MODEL: PR_CL_38 - 678+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

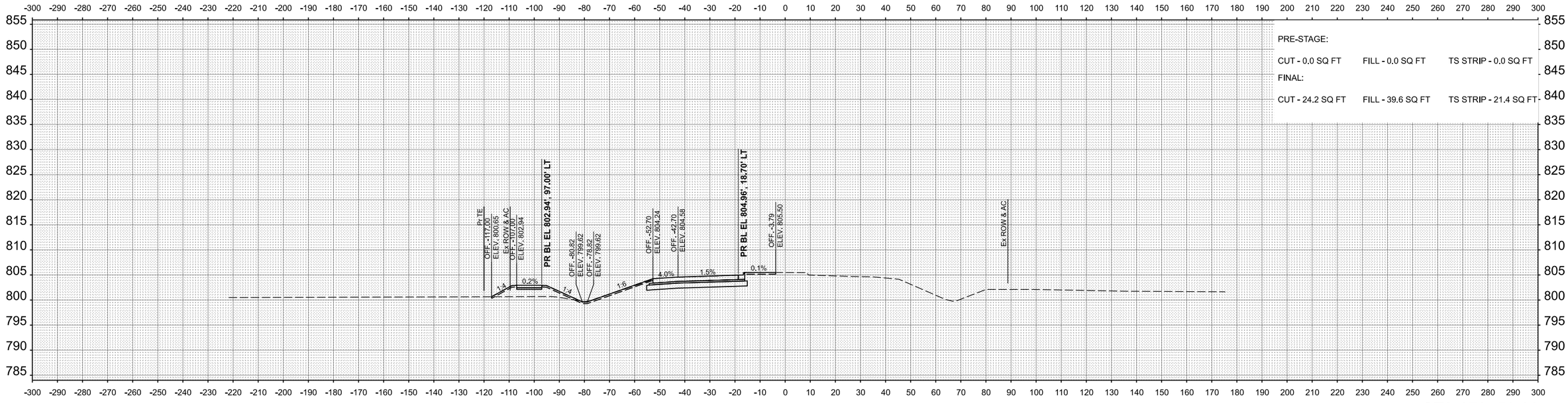
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

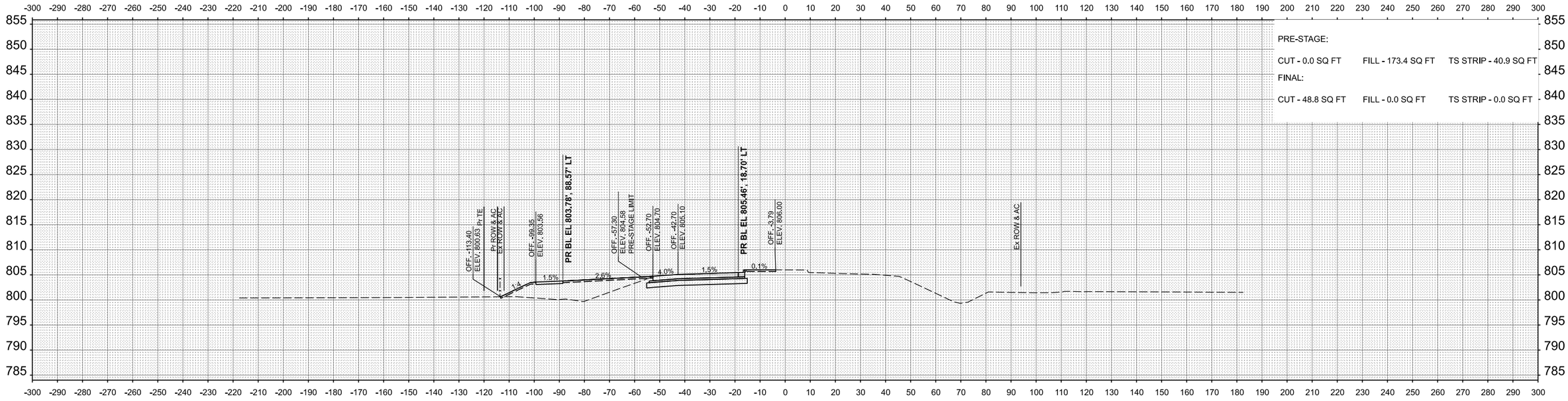
SCALE: 1"=20' | SHEET 39 OF 53 SHEETS | STA. 678+00.00 | TO STA. 678+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 494 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 679+50.00**




**STA 679+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600, Rosemont, Illinois 60018, (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

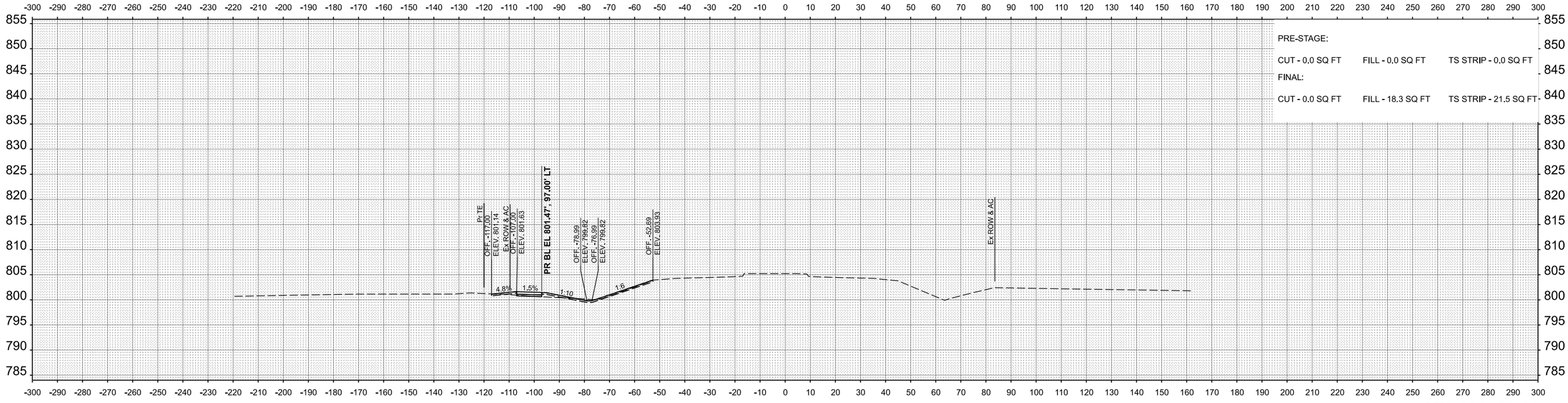
SCALE: 1"=20' | SHEET 40 OF 53 SHEETS | STA. 679+00.00 | TO STA. 679+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 495 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

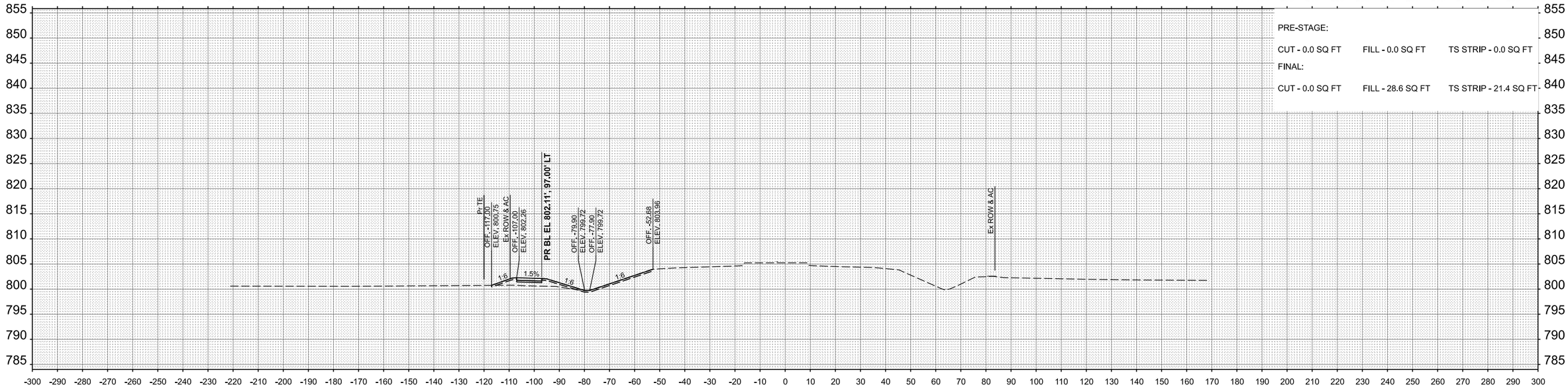
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_CL_38 - 679+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




**STA 680+50.00**




**STA 680+00.00**

FINAL SURVEY / NOTE BOOK / NO. — SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

ORIGINAL SURVEY / NOTE BOOK / NO. — SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

MODEL: PR_CL_38 - 680+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

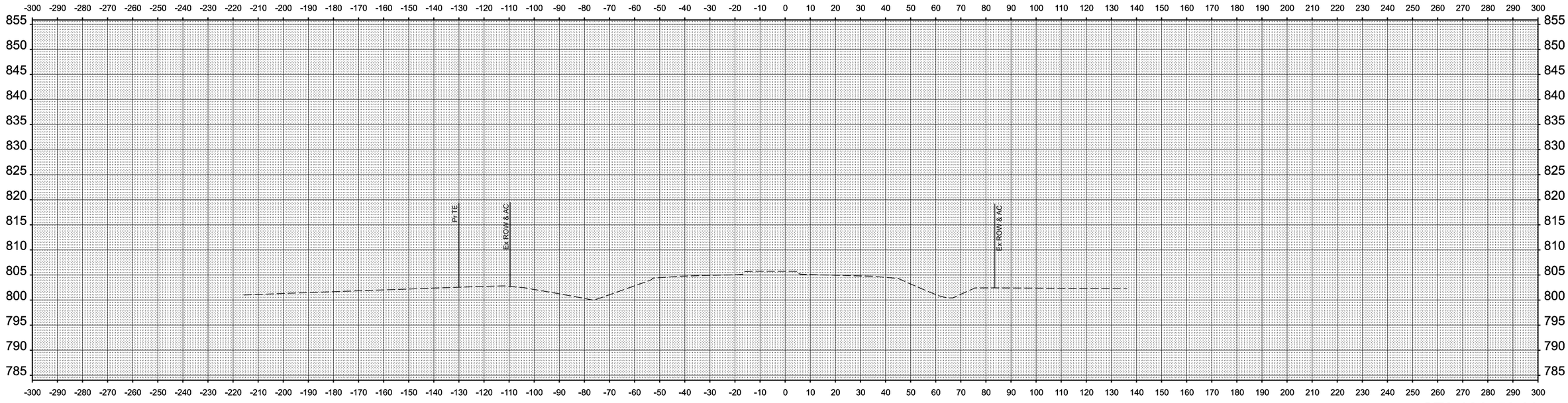
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

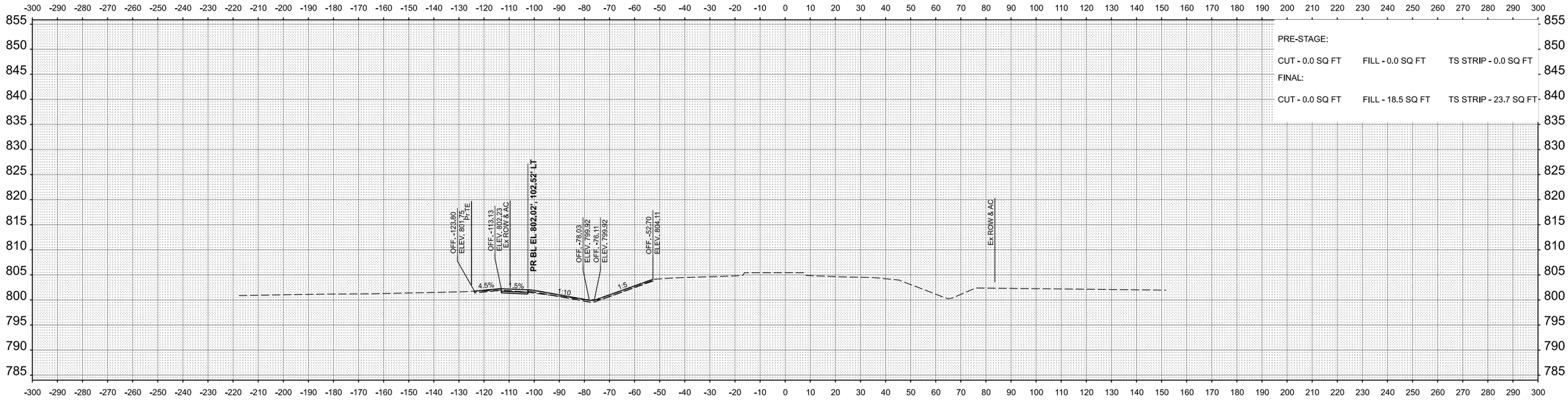
SCALE: 1"=20' | SHEET 41 OF 53 SHEETS | STA. 680+00.00 | TO STA. 680+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 496 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 681+50.00**




**STA 681+00.00**

| FINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

| ORIGINAL SURVEY | NOTE BOOK | NO. |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |

| BY | DATE |
|---|---|
| | |

MODEL: PR_CL_38 - 681+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = cward | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/18/2025 | DATE - | REVISED - |

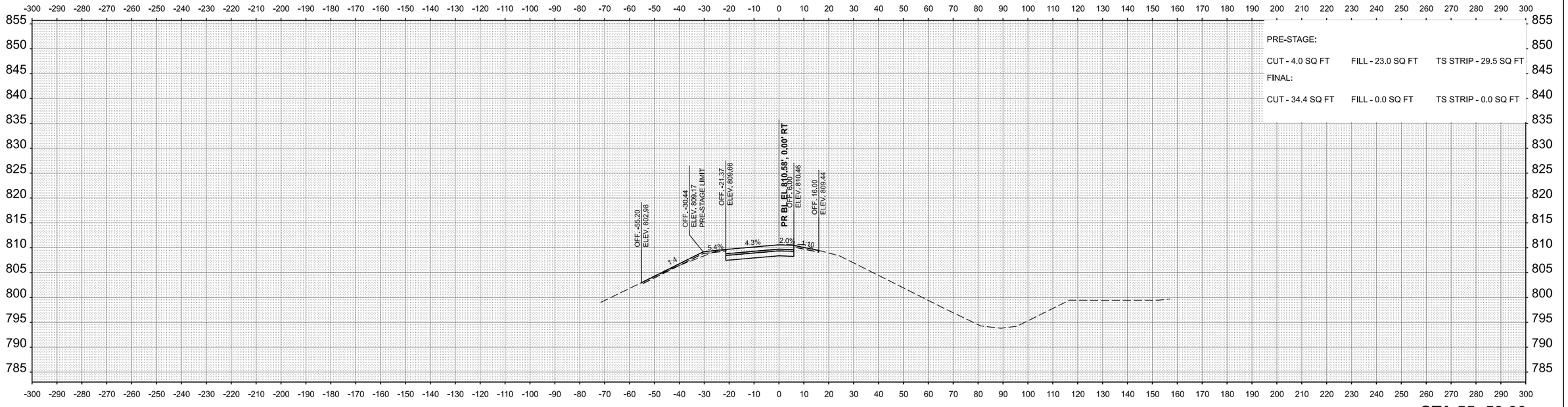
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - IL 38**

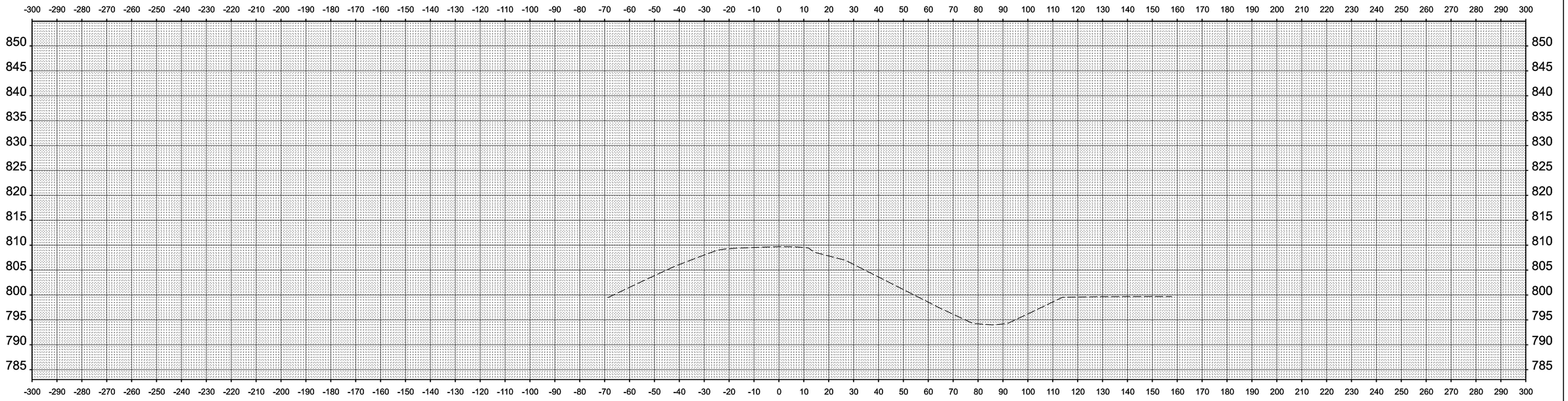
SCALE: 1"=20' | SHEET 42 OF 53 SHEETS | STA. 681+00.00 | TO STA. 681+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 497 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 55+50.00**



**STA 55+00.00**

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: NW_Ramp - 55+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

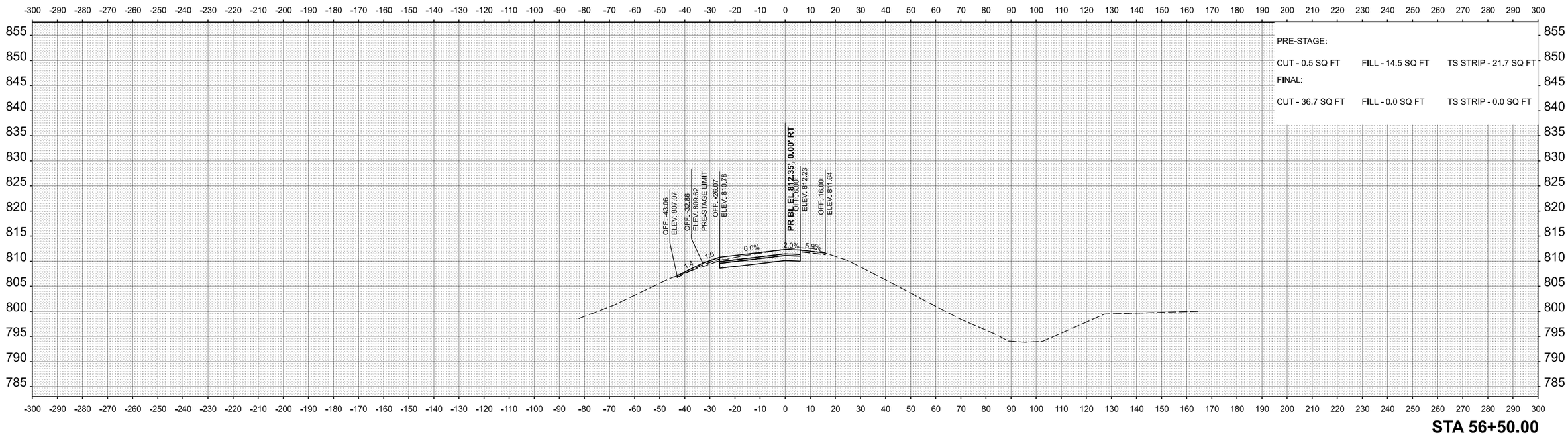
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - NW RAMP**

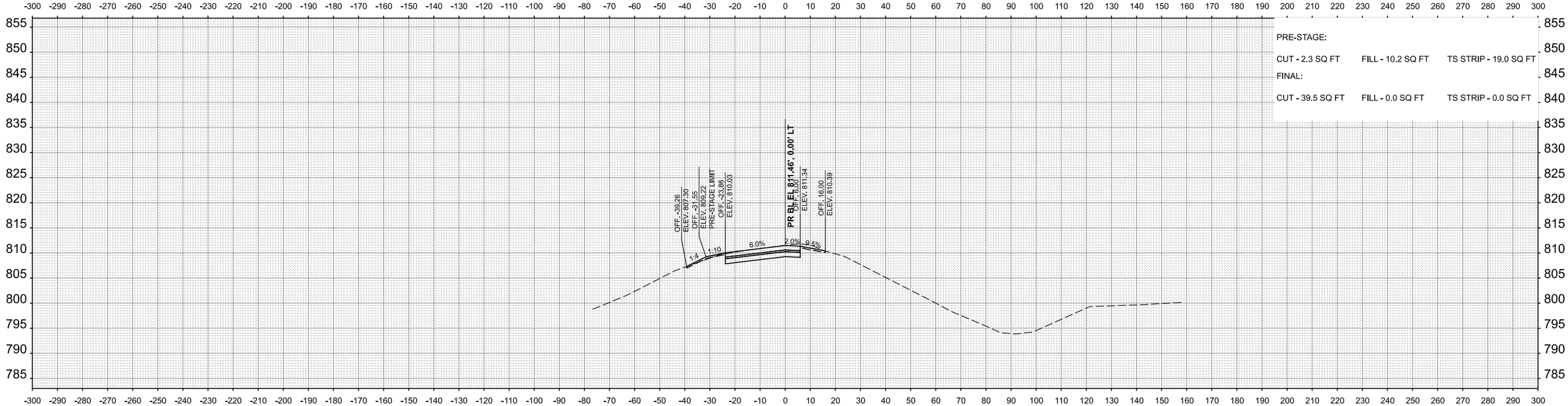
SCALE: 1"=20' | SHEET 43 OF 53 SHEETS | STA. 55+00.00 | TO STA. 55+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 498 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS \| FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 56+50.00**




**STA 56+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | AREAS | |
| NO. | AREAS CHECKED | |

MODEL: NW_Ramp - 56+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

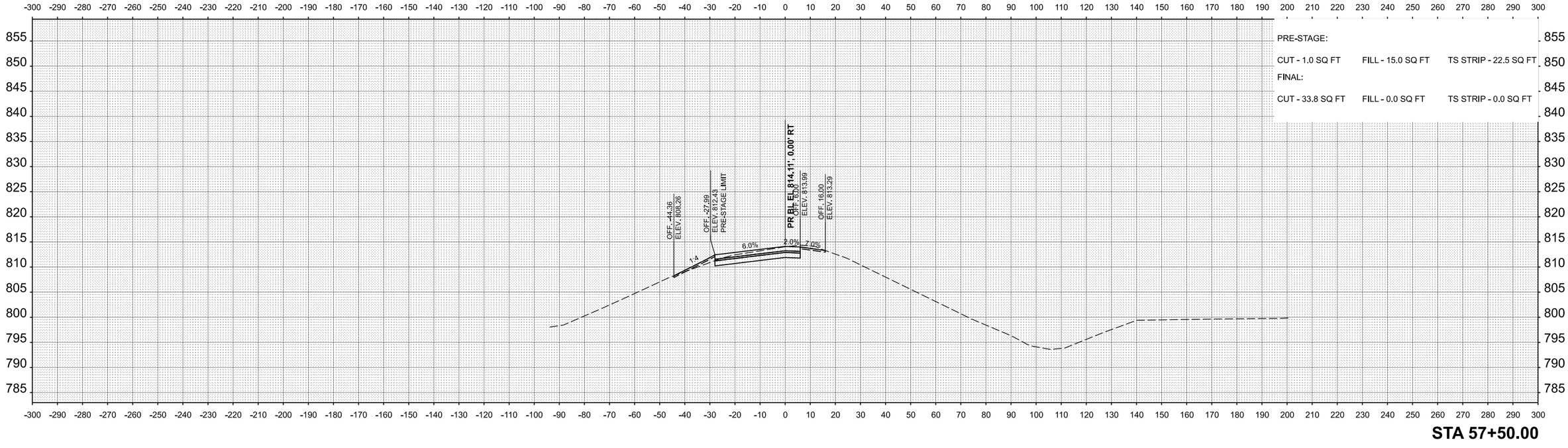
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - NW RAMP**

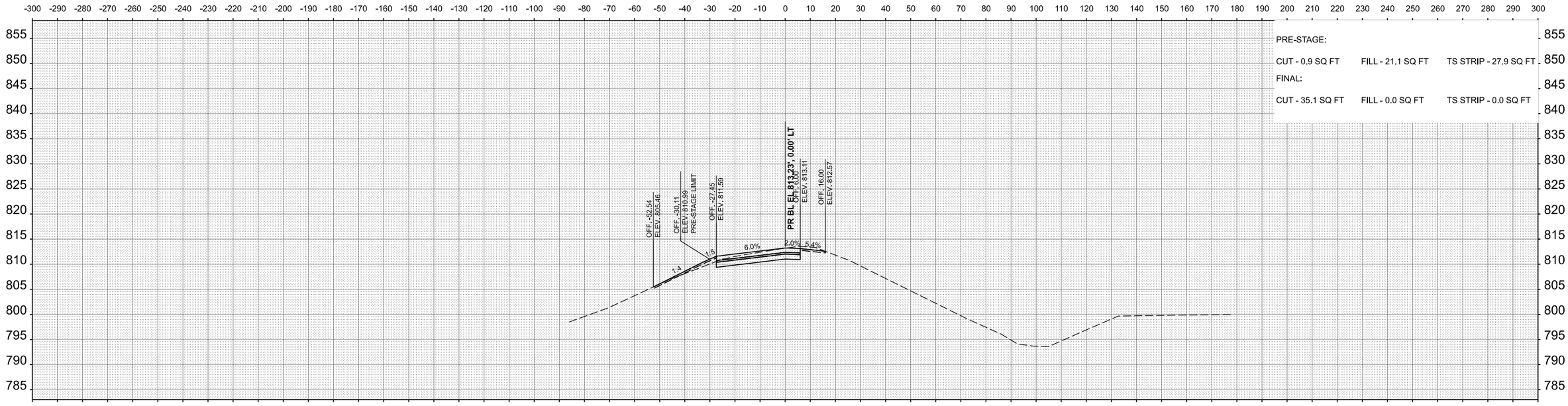
SCALE: 1"=20' | SHEET 44 OF 53 SHEETS | STA. 56+00.00 | TO STA. 56+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 499 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 57+50.00**




**STA 57+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

MODEL: NW_Ramp - 57+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

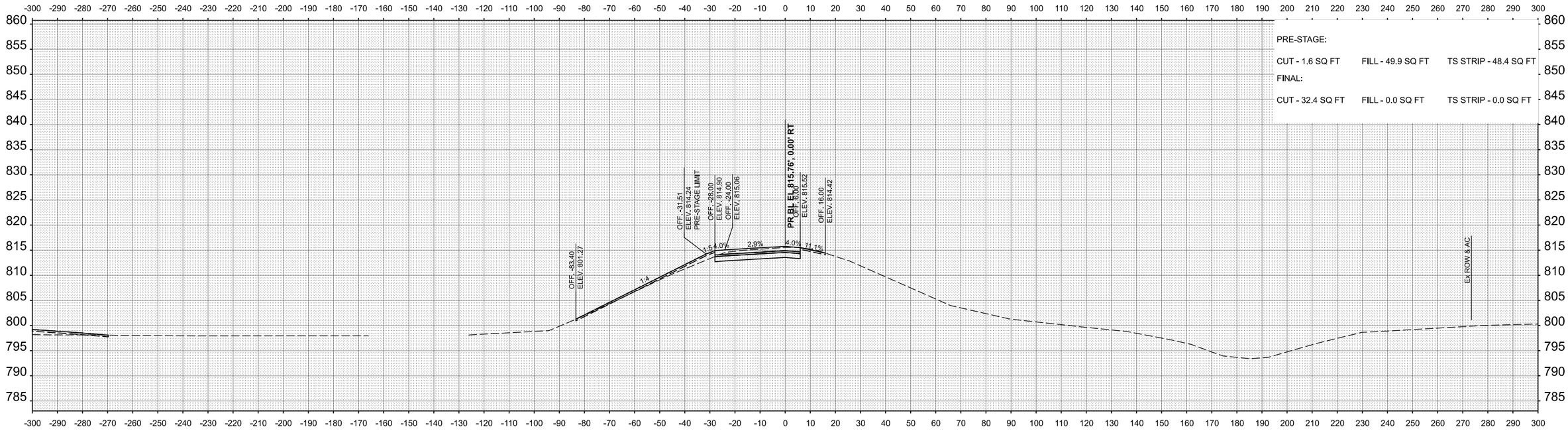
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

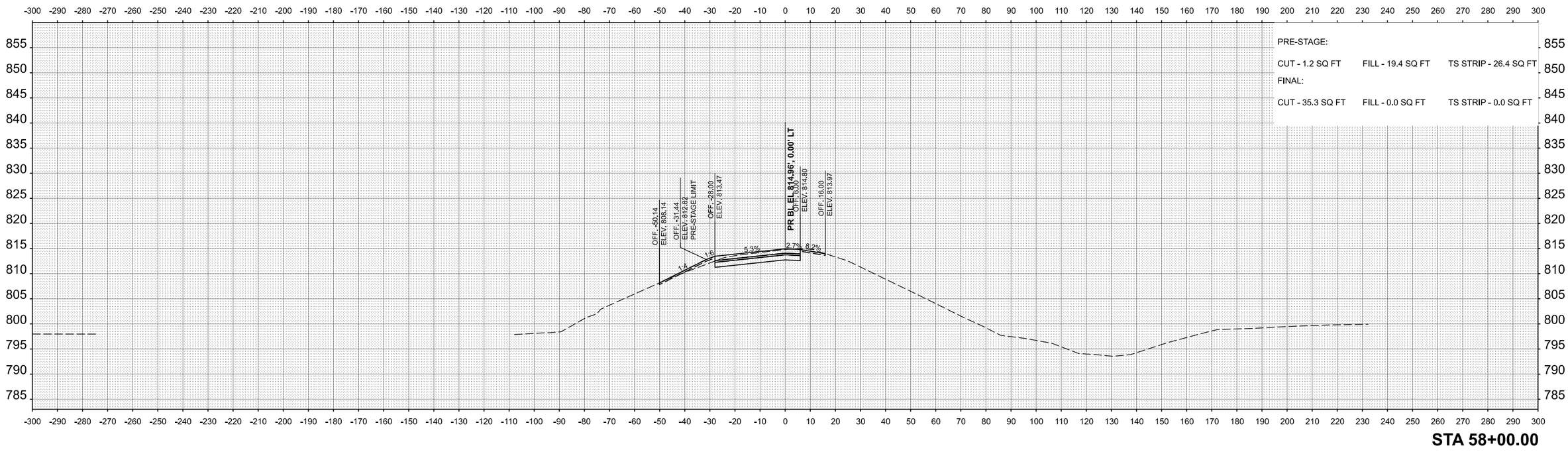
**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - NW RAMP**

SCALE: 1"=20' | SHEET 45 OF 53 SHEETS | STA. 57+00.00 | TO STA. 57+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 500 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600, Rosemont, Illinois 60018, (847) 823-0500 | USER NAME = cward | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - NW RAMP**

SCALE: 1"=20' | SHEET 46 OF 53 SHEETS | STA. 58+00.00 | TO STA. 58+50.00

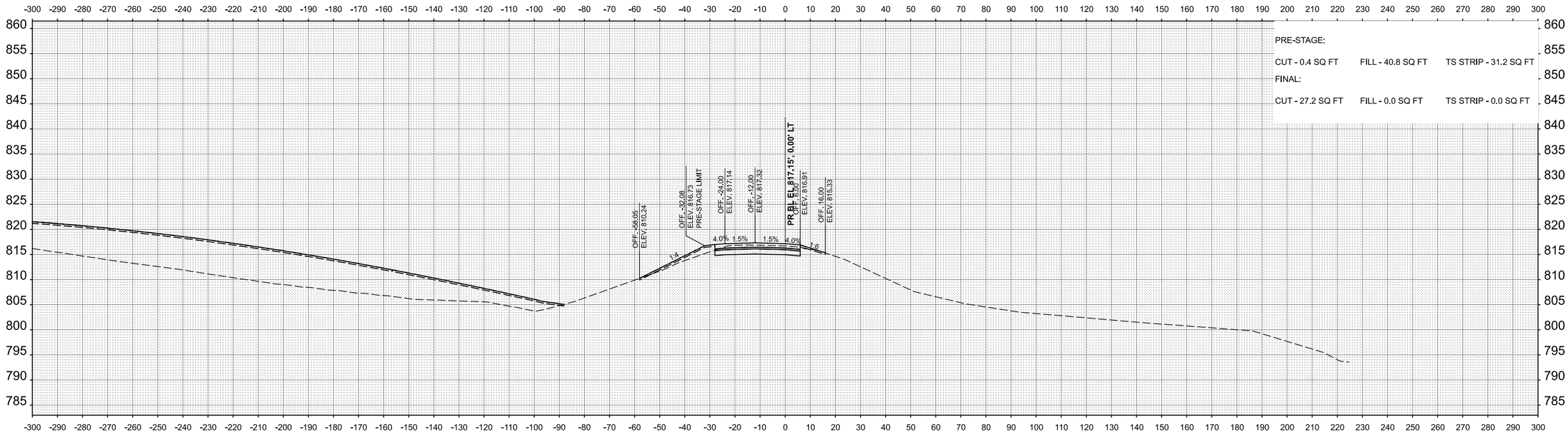
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 501 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

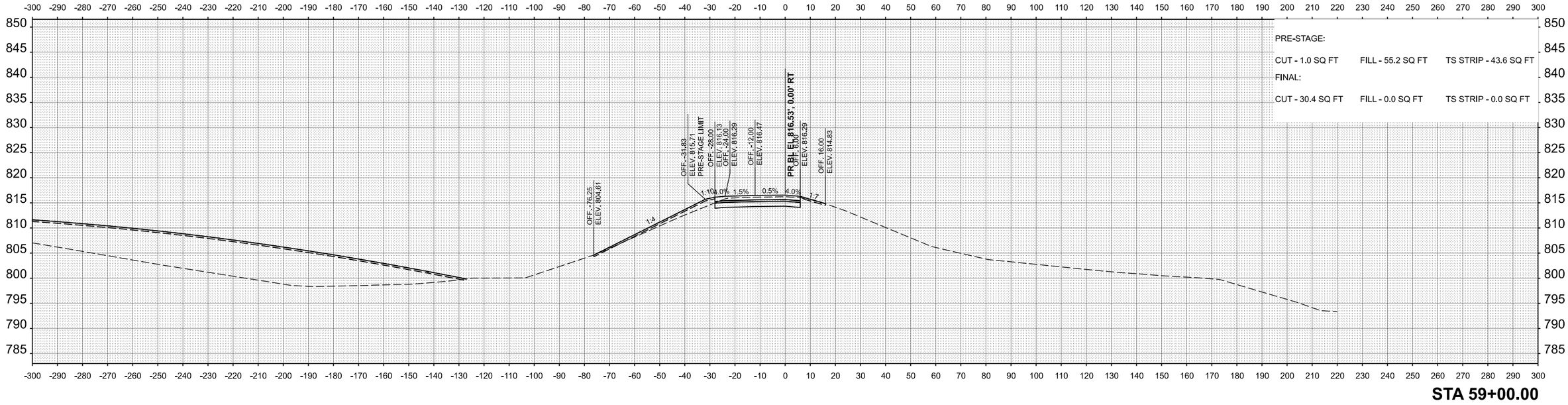
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: NW_Ramp - 58+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600, Rosemont, Illinois 60018, (847) 823-0500 | USER NAME = cward | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/18/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - NW RAMP**

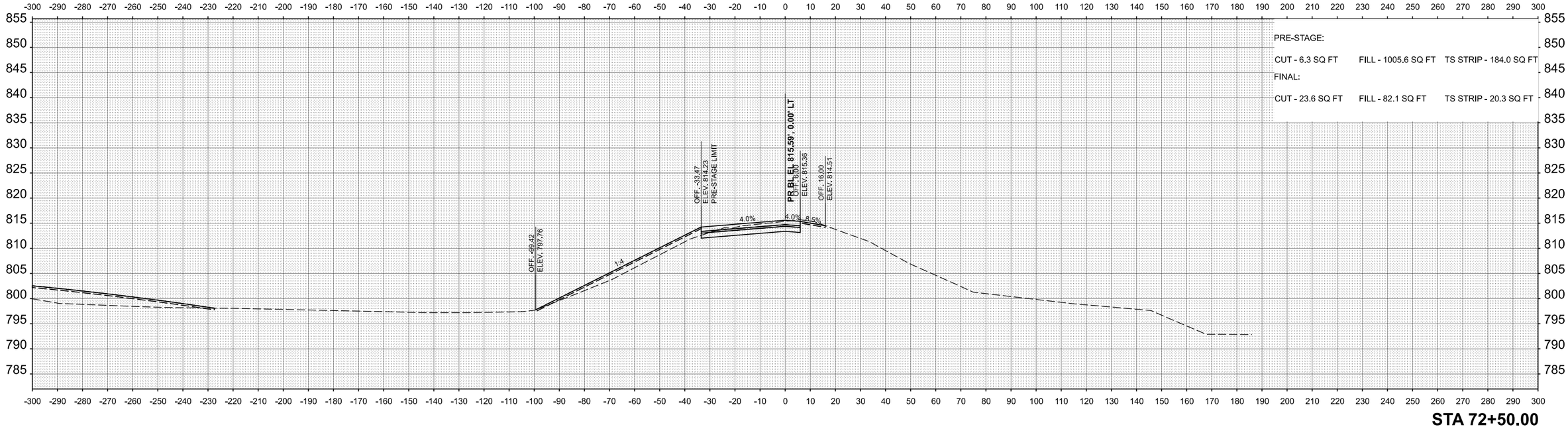
SCALE: 1"=20' | SHEET 47 OF 53 SHEETS | STA. 59+00.00 | TO STA. 59+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 502 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

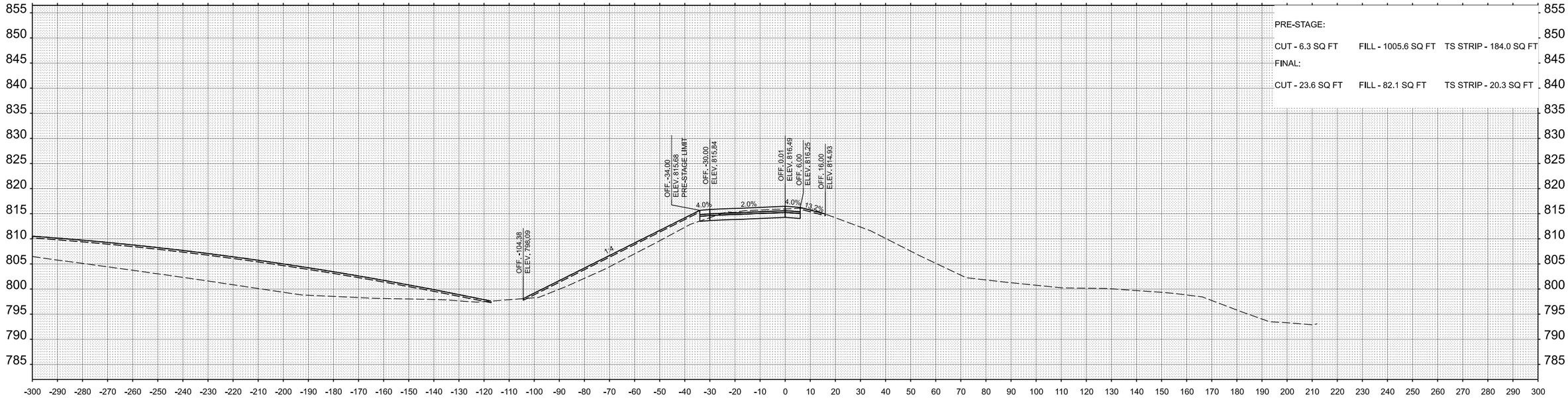
*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR_RAMP_NW - 59+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn




**STA 72+50.00**




**STA 72+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowelllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

SCALE: 1"=20' | SHEET 48 OF 53 SHEETS | STA. 72+00.00 | TO STA. 72+50.00

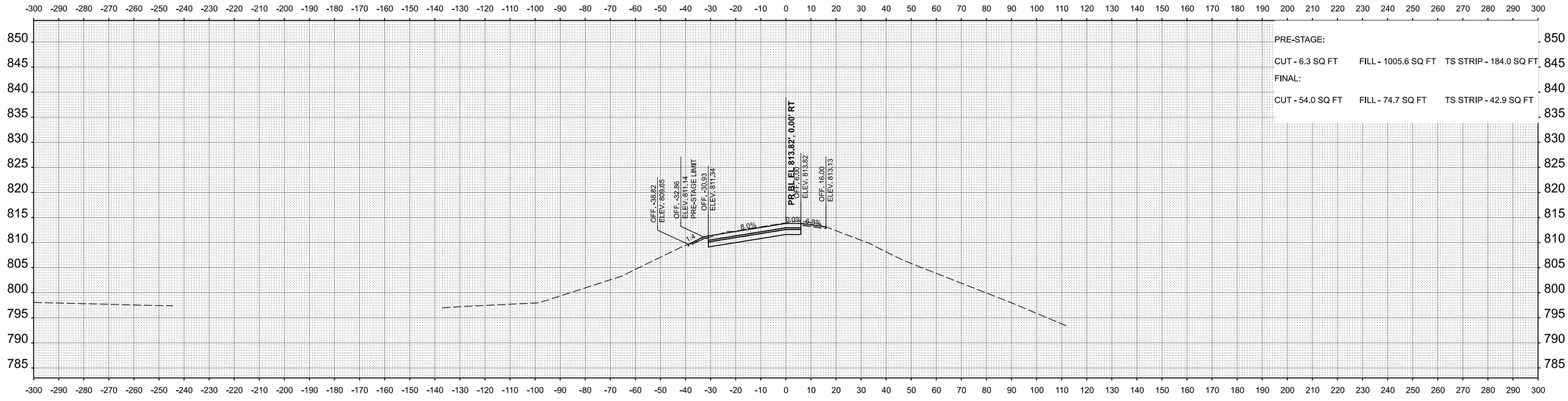
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 503 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

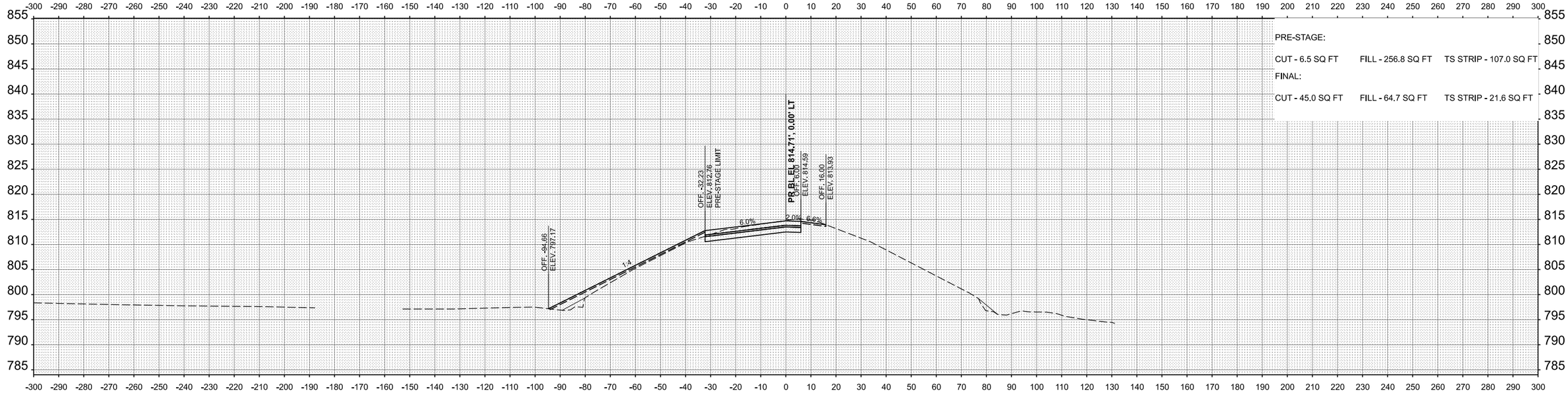
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SW_Ramp - 72+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-slh-xsc.dgn




**STA 73+50.00**




**STA 73+00.00**

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK; NO.; BY; DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED; NOTE BOOK; NO.; BY; DATE

MODEL: SW_Ramp - 73+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

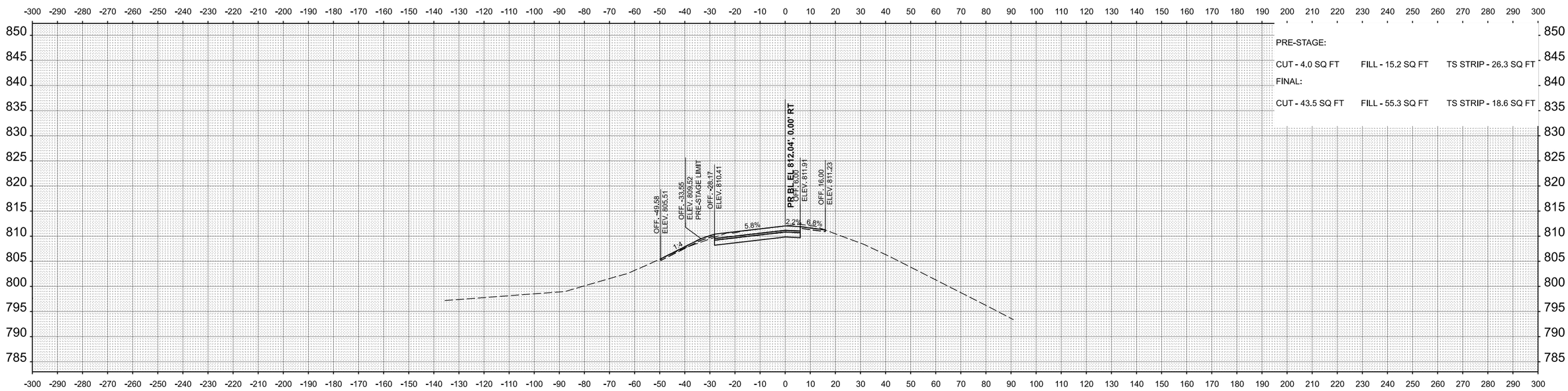
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

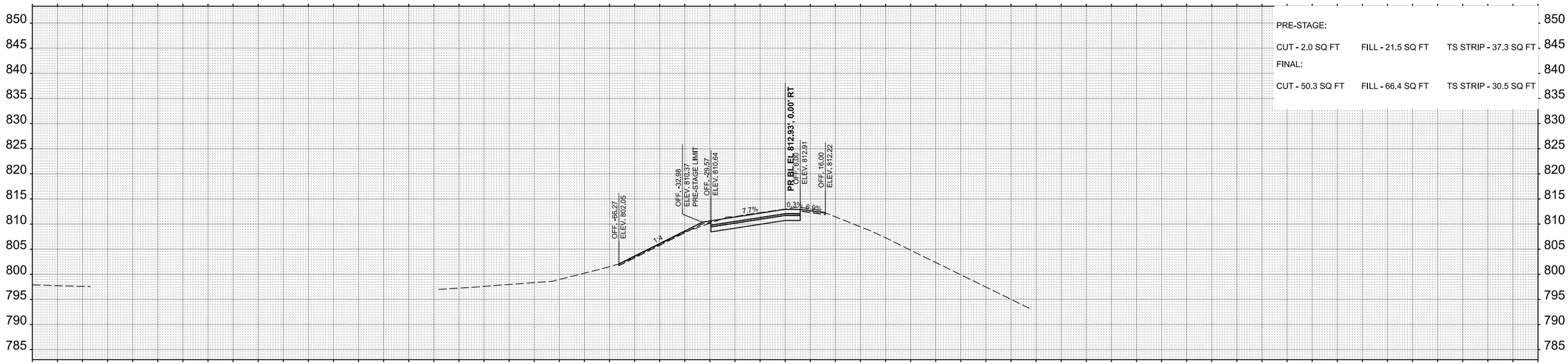
SCALE: 1"=20' | SHEET 49 OF 53 SHEETS | STA. 73+00.00 | TO STA. 73+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 504 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 74+50.00**




**STA 74+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | AREAS CHECKED | |
| NO. | | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| NOTE BOOK | AREAS CHECKED | |
| NO. | | |

MODEL: SW_Ramp - 74+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D2264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD,
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | | |
|---|---|---|---|
| USER NAME = nhowelllindgren | DESIGNED - | REVISED - | |
| | DRAWN - | REVISED - | |
| | CHECKED - | REVISED - | |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - | |

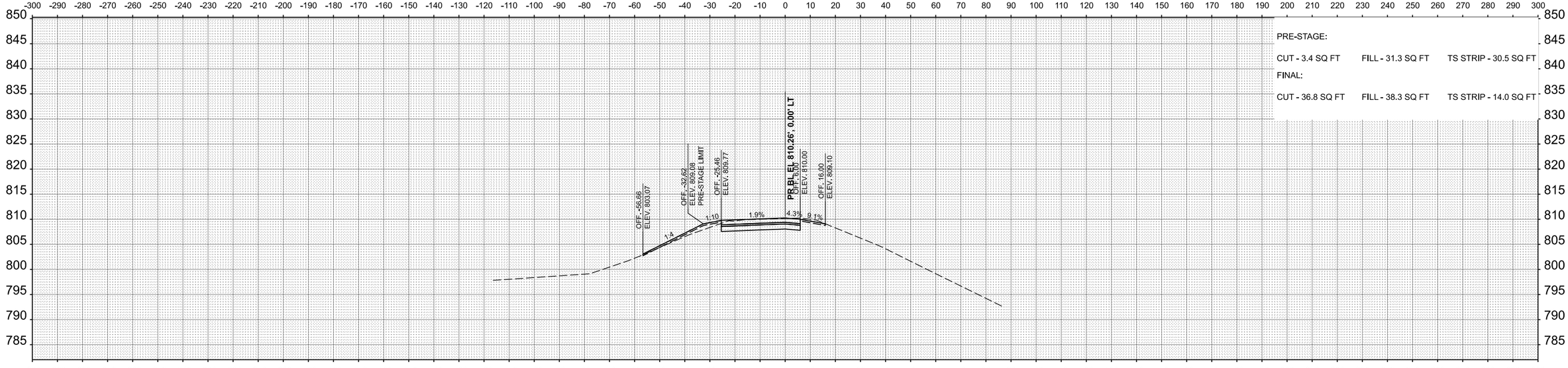
**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

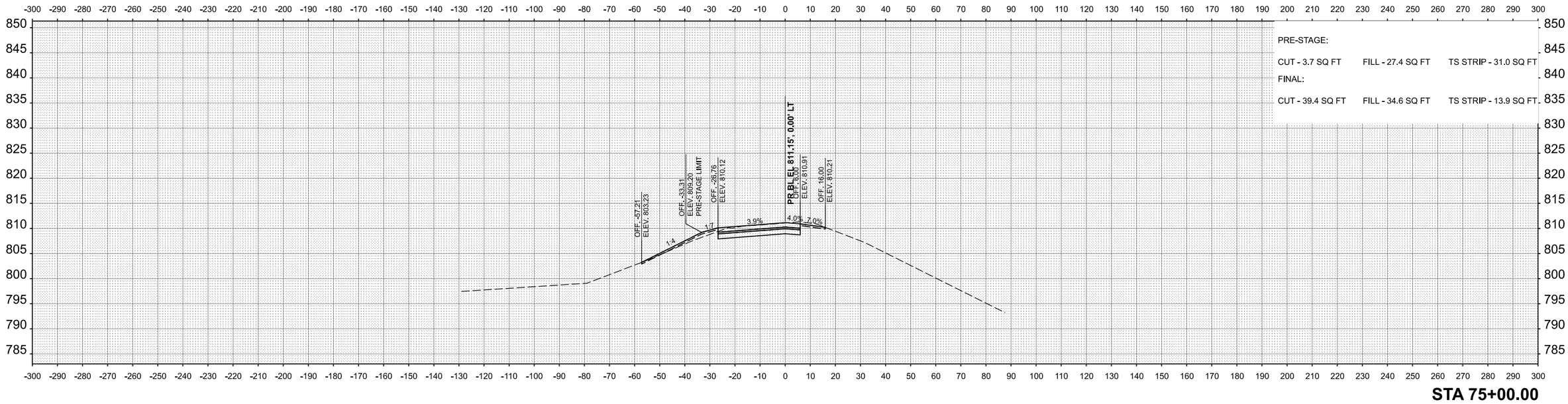
SCALE: 1"=20' | SHEET 50 OF 53 SHEETS | STA. 74+00.00 | TO STA. 74+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 505 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)




**STA 75+50.00**




**STA 75+00.00**

| | | | |
|---|---|---|---|
| CHRISTOPHER B. BURKE ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

SCALE: 1"=20' | SHEET 51 OF 53 SHEETS | STA. 75+00.00 | TO STA. 75+50.00

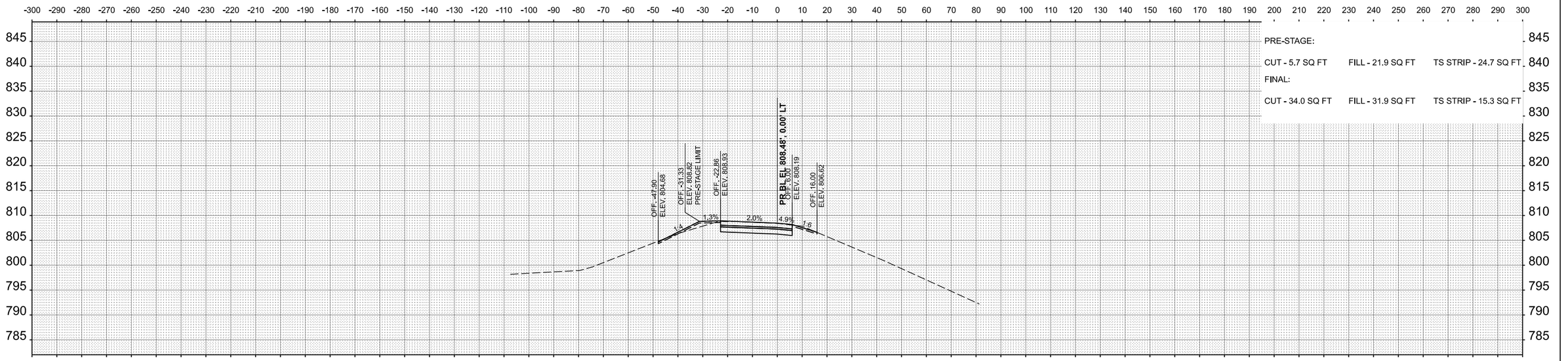
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 506 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

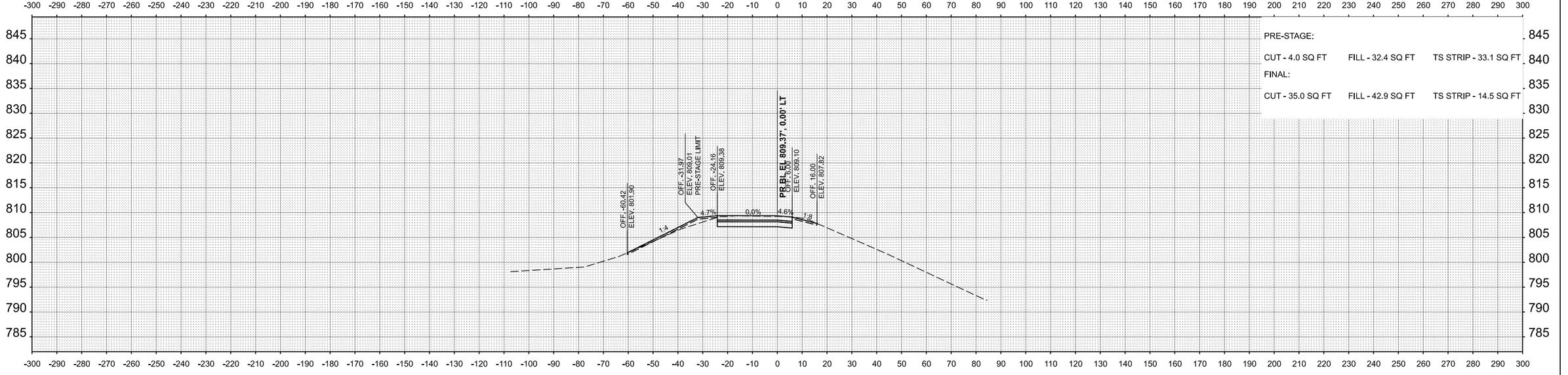
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: SW_Ramp - 75+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




**STA 76+50.00**




**STA 76+00.00**

| | | | |
|---|---|---|---|
| **CHRISTOPHER B. BURKE** ENGINEERING, LTD, 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500 | USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

SCALE: 1"=20' | SHEET 52 OF 53 SHEETS | STA. 76+00.00 | TO STA. 76+50.00

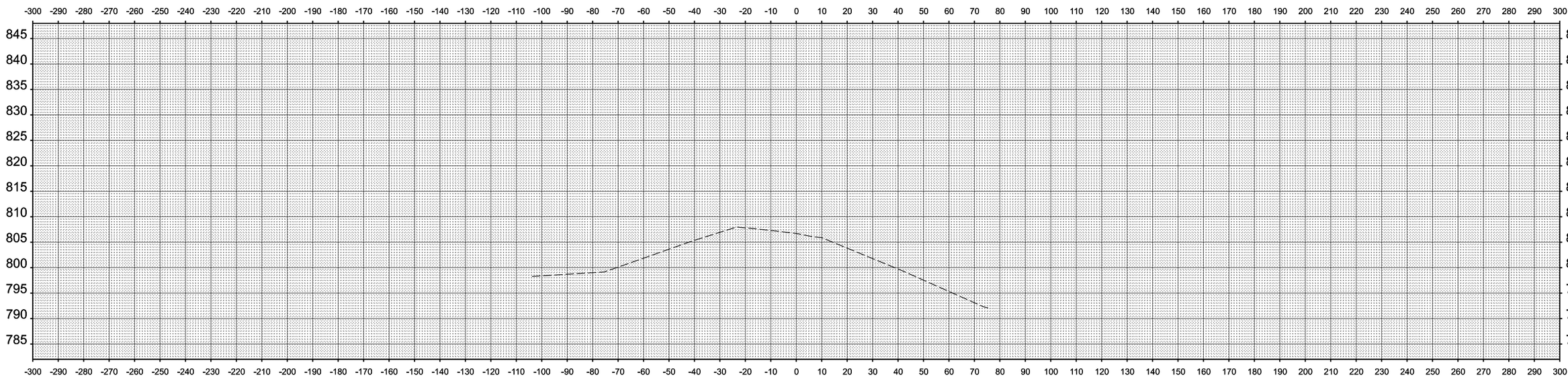
| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 507 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS FED. AID PROJECT | | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)

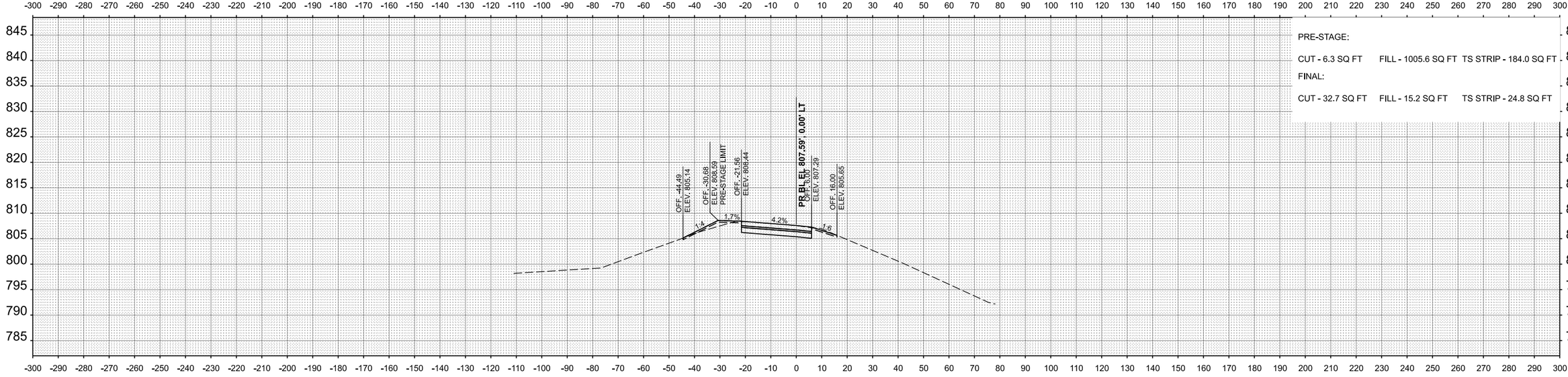
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: SW_Ramp - 76+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn




**STA 77+50.00**




**STA 77+00.00**

| FINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | | |
| AREAS | | |
| NO. | AREAS CHECKED | |

| ORIGINAL SURVEY | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | | |
| AREAS | | |
| NO. | AREAS CHECKED | |

MODEL: SW_Ramp - 77+00.00 [Sheet]
FILE NAME: N:\IDOT\220628\CAD_Sheets\Civil\D264N98-sht-xsc.dgn


**CHRISTOPHER B. BURKE** ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| | | |
|---|---|---|
| USER NAME = nhowellllindgren | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 2/7/2025 | DATE - | REVISED - |

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

**IL 38/I-39 INTERCHANGE IMPROVEMENTS**
**CROSS SECTIONS - SW RAMP**

SCALE: 1"=20' | SHEET 53 OF 53 SHEETS | STA. 77+00.00 | TO STA. 77+50.00

| F.A.* RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| * | 141-1HBR-3 & (9, 10) R-3 | OGLE | 508 | 508 |
| | | CONTRACT NO. 64N98 | | |
| | ILLINOIS | FED. AID PROJECT | | |

*FAI ROUTE 39 (I-39) & FAP 567 (IL 38)