01-19-2024 LETTING ITEM 022

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	1
	ILLINOIS	CONTRACT NO. 70H00		

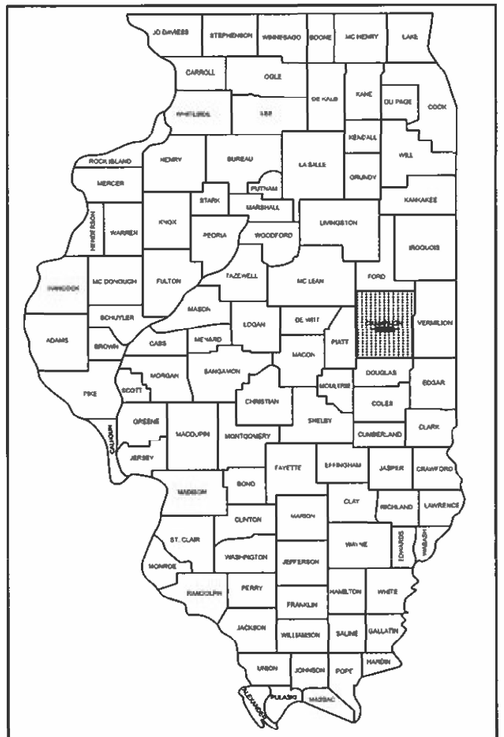
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITES SHEETS, SEE SHEET NO. 3

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 74 (I-74)
SECTION HMLT2024-1
PROJECT NHPP-KR3C(491)
INTERCHANGE LIGHTING IMPOROVEMENTS
CHAMPAIGN COUNTY

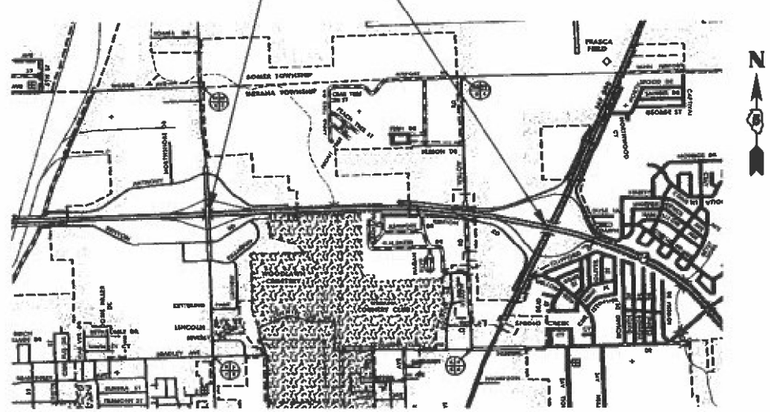
C-95-023-24

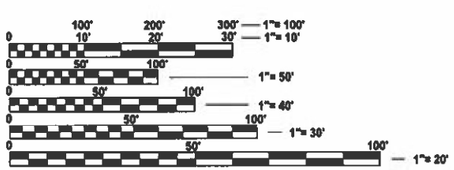


LOCATION OF SECTION INDICATED THUS: -

I-74 AT FAU 7177 (LINCOLN AVE)

I-74 AT FAP 800 (US RT 45/CUNNINGHAM AVE)





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

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

PROJECT ENGINEER: JEFF ALLEN
TELEPHONE: (217) 465-4181

CONTRACT NO. 70H00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10/3 2023
Kenneth A. Barnettson
REGIONAL ENGINEER

December 8, 2023
ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023
Stephen McGrath
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. 10/26/23

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES, INDEX OF SHEETS AND LIST OF STANDARDS
3.	SUMMARY OF QUANTITIES
4. - 6.	PROPOSED LIGHTING PLAN I-74 & LINCOLN AVE.
7. - 10.	PROPOSED LIGHTING PLAN I-74 & US RT 45 / CUNNINGHAM AVE.
11.	NIGHT TIME INSPECTION OF LIGHTING

LIST OF STANDARDS

STANDARD NO.	NAME OF STANDARD
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 mm) FROM PAVEMENT EDGE
701400- 12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701456-05	PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901- 09	TRAFFIC CONTROL DEVICES
821101-02	LUMINAIRE WIRING IN POLE
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
838001-01	BREAKAWAY DEVICES
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT

GENERAL NOTES

G.N.-100A ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

GN 105.07C EXISTING STATE-OWNED AND MAINTAINED UNDERGROUND UTILITY FACILITIES EXIST WITHIN THE ROW. THE DEPARTMENT IS NOT A MEMBER OF JULIE AND DOES NOT LOCATE IT'S OWN FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE FOR SECURING AN APPROVED LOCATING FIRM TO LOCATE ALL EXISTING IDOT UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY EXCAVATION, PER THE REQUIREMENTS OF ARTICLE 803 OF THE STANDARD SPECIFICATIONS. UTILITY LOCATES MAY ALSO BE REQUIRED OUTSIDE THE PROJECT LIMITS, SUCH AS FOR TRAFFIC CONTROL SIGNING AND OTHER ITEMS. THE CONTRACTOR MAY OBTAIN, ON REQUEST, PLANS OF EXISTING ELECTRICAL FACILITIES FROM THE DEPARTMENT. FOR FURTHER INFORMATION, THE CONTRACTOR MAY CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER, GARY SIMS, AT 217-251-4859.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR LOCATION AND PROVIDING PROTECTION FOR FACILITIES DURING ALL PHASES OF CONSTRUCTION. IF AT ANY TIME, THE FACILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT AND MAKE ALL NECESSARY ARRANGEMENTS FOR REPAIR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SUMMARY OF QUANTITIES

LOCATION	FAI 74	FAI 74	FAI 74	FAI 74
	URBAN	URBAN	URBAN	URBAN
	LIGHTING	LIGHTING	LIGHTING	LIGHTING
	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
FUNDING	90% FEDERAL	90% FEDERAL	90% FEDERAL	90% FEDERAL
	10% STATE	10% STATE	10% STATE	10% STATE
CONSTRUCTION CODE	0021	0021	0021	0021

PAY ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	LINCOLN AVE CONTROLLER 53	LINCOLN AVE CONTROLLER 54	US RT 45 CUNNINGHAM AVE CONTROLLER 55
67100100	MOBILIZATION	L SUM	1.0	0.2	0.20	0.60
70100700	TRAFFIC CONTROL & PROTECTION, STANDARD 701406	L SUM	1.0	0.0	0.0	1.0
70100825	TRAFFIC CONTROL & PROTECTION, STANDARD 701456	L SUM	1.0	0.2	0.20	0.60
70102625	TRAFFIC CONTROL & PROTECTION, STANDARD 701606	L SUM	1.0	0.2	0.20	0.60
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	55.0	9.0	9.0	37.0
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	55.0	9.0	9.0	37.0
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	220.0	36.0	36.0	148.0
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	55.0	9.0	9.0	37.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.2	0.2	0.6

I-74 & LINCOLN AVE
CONTROLLER 53

EXISTING POLE NUMBER	STATION	LOCATION
27	248+40	RAMP
28	251+70	RAMP
29	253+80	RAMP
32	7+55	LINCOLN AVE
33	247+00	RAMP
34	250+67	RAMP
35	252+66	RAMP
36	13+70	LINCOLN AVE
39	11+35	LINCOLN AVE

CONTROLLER 54

EXISTING POLE NUMBER	STATION	LOCATION
15	261+40	RAMP
16	258+70	RAMP
17	256+00	RAMP
18	6+30	LINCOLN AVE
20	8+80	LINCOLN AVE
21	259+90	RAMP
22	256+63	RAMP
23	254+60	RAMP
27	12+60	LINCOLN AVE

LEGEND

EXISTING LIGHT POLE TO REMAIN.

EXISTING LIGHT POLE TO BE REPLACED WITH NEW LIGHT POLE, ALUMINUM, 45 FT M.H., 15 FT DAVIT ARM AND LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H. PROPOSED POLES SHOULD MATCH THE EXISTING BOLT PATTERN ON THE EXISTING FOUNDATIONS.

53
33

POLES ARE IDENTIFIED WITH POLYGON INDICATING CIRCUIT NUMBER OVER POLE NUMBER

Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
08/11/23	70H00	N/A	Champaign

Marked Route Number	Municipality
I-74	Champaign

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12	3	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
45 ft	15 ft	15 ft	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
Luminaire, LED, Roadway, Output H	Type III	Medium

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
165 ft	1 Side

Performance

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
0.8 to 1.4	less than or equal to 3.0:1

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}
0.6 to 0.9	less than or equal to 3.5:1	less than or equal to 6.0:1	less than or equal to 0.3:1

Light Tresspass

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

1. Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
3. Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Calculations shall be performed in one direction only.
Compliance with performance criteria shall be held to one significant digit.
Initial lumens of the proposed luminaire may vary from the values specified in the table given in Article 1067.06 ofthe BDE Special Provision for Luminaire, LED.

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.I. 74	H	CHAMPAIGN	166	70
STA.		TO STA.		
FED ROAD DIST NO 7	ILLINOIS	PROJECT		

* (14HB-3) BRK

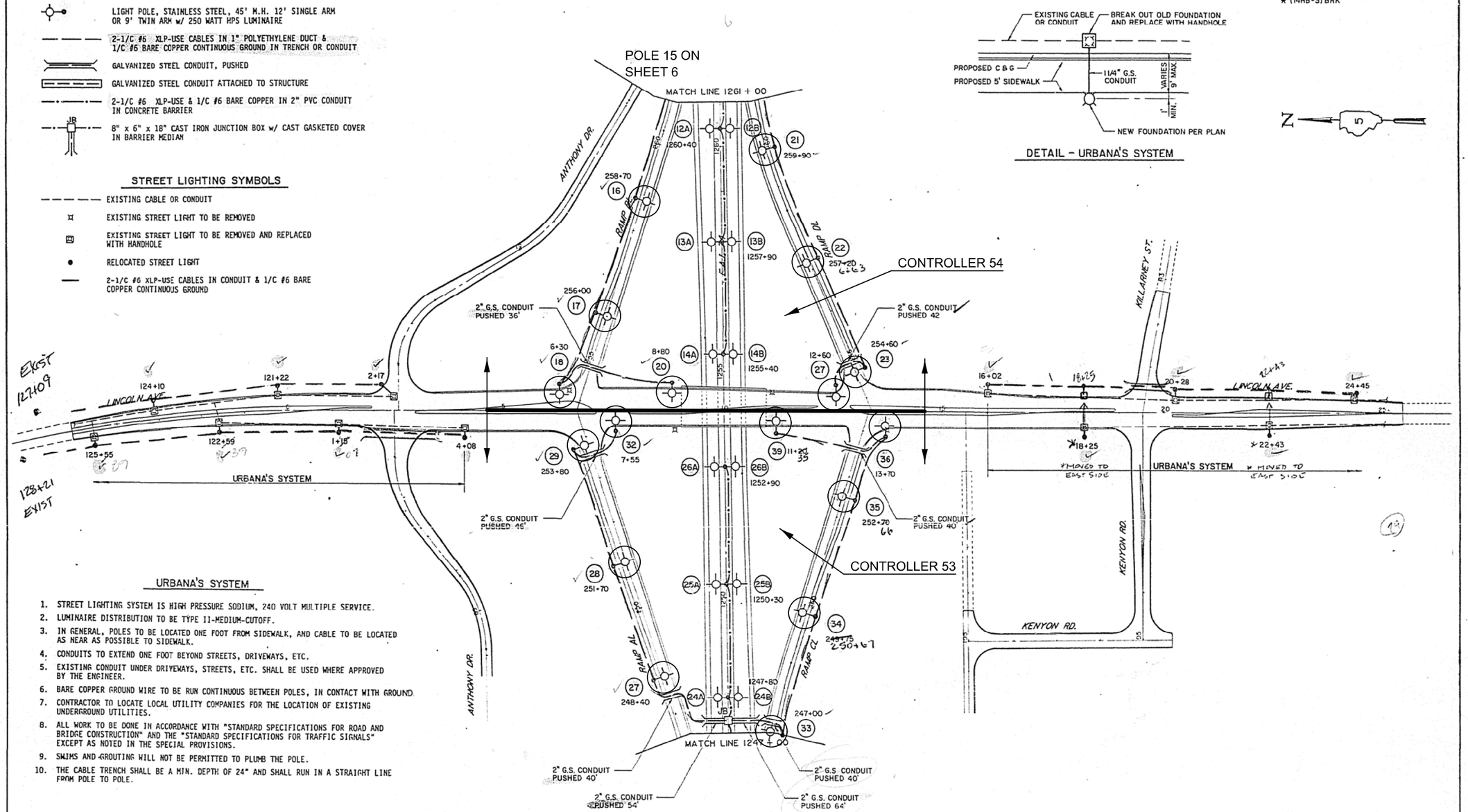
THIS SHEET FOR
INFORMATION PURPOSES ONLY.

HIGHWAY LIGHTING SYMBOLS

- LIGHT POLE, STAINLESS STEEL, 45' M.H. 12' SINGLE ARM OR 9' TWIN ARM w/ 250 WATT HPS LUMINAIRE
- 2-1/C #6 XLP-USE CABLES IN 1" POLYETHYLENE DUCT & 1/C #6 BARE COPPER CONTINUOUS GROUND IN TRENCH OR CONDUIT
- GALVANIZED STEEL CONDUIT, PUSHED
- GALVANIZED STEEL CONDUIT ATTACHED TO STRUCTURE
- 2-1/C #6 XLP-USE & 1/C #6 BARE COPPER IN 2" PVC CONDUIT IN CONCRETE BARRIER
- JB 8" x 6" x 18" CAST IRON JUNCTION BOX w/ CAST GASKETED COVER IN BARRIER MEDIAN

STREET LIGHTING SYMBOLS

- EXISTING CABLE OR CONDUIT
- EXISTING STREET LIGHT TO BE REMOVED
- EXISTING STREET LIGHT TO BE REMOVED AND REPLACED WITH HANDHOLE
- RELOCATED STREET LIGHT
- 2-1/C #6 XLP-USE CABLES IN CONDUIT & 1/C #6 BARE COPPER CONTINUOUS GROUND



DETAIL - URBANA'S SYSTEM

URBANA'S SYSTEM

1. STREET LIGHTING SYSTEM IS HIGH PRESSURE SODIUM, 240 VOLT MULTIPLE SERVICE.
2. LUMINAIRE DISTRIBUTION TO BE TYPE II-MEDIUM-CUTOFF.
3. IN GENERAL, POLES TO BE LOCATED ONE FOOT FROM SIDEWALK, AND CABLE TO BE LOCATED AS NEAR AS POSSIBLE TO SIDEWALK.
4. CONDUITS TO EXTEND ONE FOOT BEYOND STREETS, DRIVEWAYS, ETC.
5. EXISTING CONDUIT UNDER DRIVEWAYS, STREETS, ETC. SHALL BE USED WHERE APPROVED BY THE ENGINEER.
6. BARE COPPER GROUND WIRE TO BE RUN CONTINUOUS BETWEEN POLES, IN CONTACT WITH GROUND.
7. CONTRACTOR TO LOCATE LOCAL UTILITY COMPANIES FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
8. ALL WORK TO BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC SIGNALS" EXCEPT AS NOTED IN THE SPECIAL PROVISIONS.
9. SWIMS AND GROUTING WILL NOT BE PERMITTED TO PLUMB THE POLE.
10. THE CABLE TRENCH SHALL BE A MIN. DEPTH OF 24" AND SHALL RUN IN A STRAIGHT LINE FROM POLE TO POLE.

BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS

LIGHTING

MODEL: $MODELNAME$
FILE NAME: pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 5/ORD Projects/D570H00/CADData/CADsheets/D570H00-Sht-Details-Lighting.dgn

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	DRAWN - ____	REVISED - ____	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - ____	REVISED - ____	
PLOT DATE = 8/8/2023	DATE - ____	REVISED - ____	

I-74 & LINCOLN AVE
CONTROLLER 53 & 54

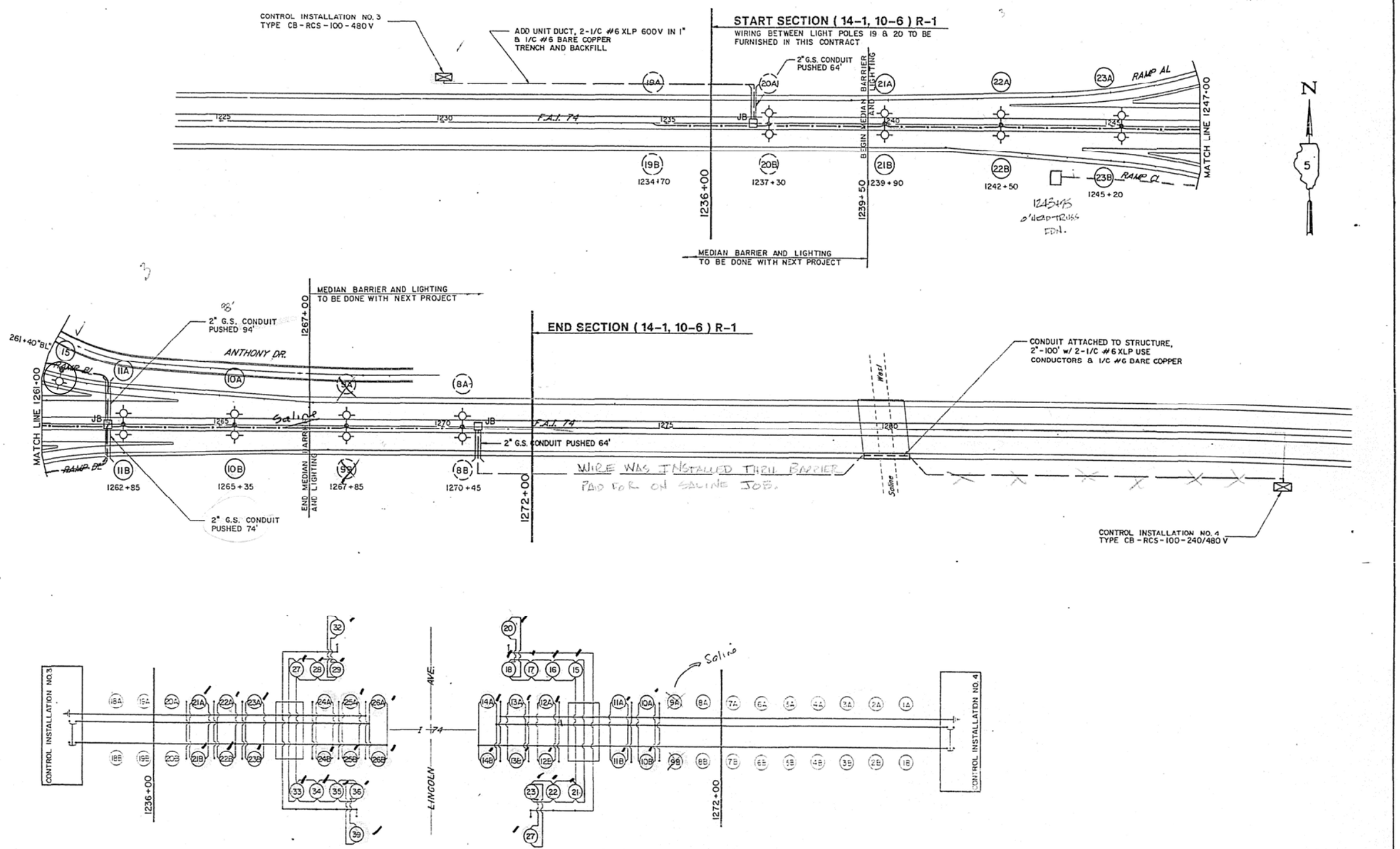
SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. ___+__.__ TO STA. ___+__.__

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	5
		CONTRACT NO. 70H00		
		ILLINOIS	FED. AID PROJECT	

THIS SHEET FOR
INFORMATION PURPOSES ONLY.

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.I 74	*	CHAMPAIGN	166	69
STA.		TO STA.		
FED ROAD DIST NO 7	ILLINOIS	PROJECT		

* (14HB-3) BRK



BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS

LIGHTING

MODEL: $MODELNAMES
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PLOT DATE = 8/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 & LINCOLN AVE
CONTROLLER 53 & 54

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	6
		CONTRACT NO. 70H00		
	ILLINOIS	FED. AID PROJECT		

I-74 & US 45 (CUNNINGHAM AVE)
CONTROLLER 55

EXISTING POLE NUMBER	STATION	LOCATION
1	320+95	RAMP
2	318+15	RAMP
3	315+35	RAMP
4	312+40	RAMP
5	309+60	RAMP
6	33+00	CUNNINGHAM AVE
7	37+00	CUNNINGHAM AVE
8	41+00	CUNNINGHAM AVE
9	323+50	OMIT REPLACED IN 2020
10	320+75	RAMP
11	318+00	RAMP
12	315+30	RAMP
13	312+60	RAMP
14	45+10	CUNNINGHAM AVE
15	49+40	CUNNINGHAM AVE
16	54+60	CUNNINGHAM AVE
17	28+60	CUNNINGHAM AVE
18	31+00	RAMP
19	26+00	OMIT REPLACED IN 2021
20	319+80	RAMP
21	35+00	CUNNINGHAM AVE
22	39+00	CUNNINGHAM AVE
23	43+00	CUNNINGHAM AVE
24	320+75	RAMP
25	47+00	CUNNINGHAM AVE
26	51+85	CUNNINGHAM AVE
27	56+80	CUNNINGHAM AVE
28	323+60	RAMP
29	326+30	RAMP
30	329+05	RAMP
31	331+80	RAMP
32	322+40	OMIT REPLACED IN 2021
33	325+10	RAMP
34	327+85	RAMP
43	1343+20	INTERSTATE 74
44	1343+20	INTERSTATE 74
45	1345+90	INTERSTATE 74
46	1345+90	INTERSTATE 74
47	1348+60	INTERSTATE 74
48	1348+60	INTERSTATE 74

LEGEND

EXISTING LIGHT POLE TO REMAIN.

EXISTING LIGHT POLE TO BE REPLACED WITH NEW LIGHT POLE, ALUMINUM, 45 FT M.H., 15 FT DAVIT ARM AND LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H. PROPOSED POLES SHOULD MATCH THE EXISTING BOLT PATTERN ON THE EXISTING FOUNDATIONS.

53
33

POLES ARE IDENTIFIED WITH POLYGON INDICATING CIRCUIT NUMBER OVER POLE NUMBER

Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
08/11/23	70H00	N/A	Champaign

Marked Route Number	Municipality
I-74	Champaign

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12	3	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
45 ft	15 ft	15 ft	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
Luminaire, LED, Roadway, Output H	Type III	Medium

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
165 ft	1 Side

Performance

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
0.8 to 1.4	less than or equal to 3.0:1

Average Luminance, L_{AVE} (cd/m^2)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_V/L_{AVE}
0.6 to 0.9	less than or equal to 3.5:1	less than or equal to 6.0:1	less than or equal to 0.3:1

Light Tresspass

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

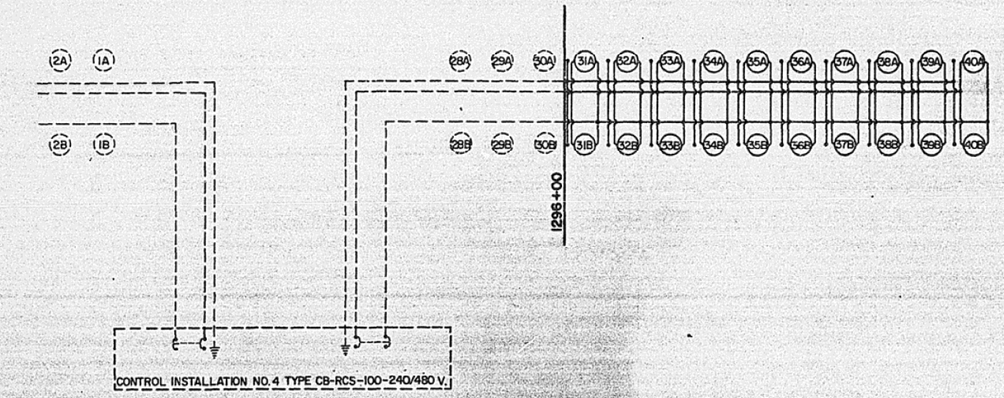
1. Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
3. Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Calculations shall be performed in one direction only.
Compliance with performance criteria shall be held to one significant digit.
Initial lumens of the proposed luminaire may vary from the values specified in the table given in Article 1067.06 ofthe BDE Special Provision for Luminaire, LED.

THIS SHEET FOR
INFORMATION PURPOSES ONLY.

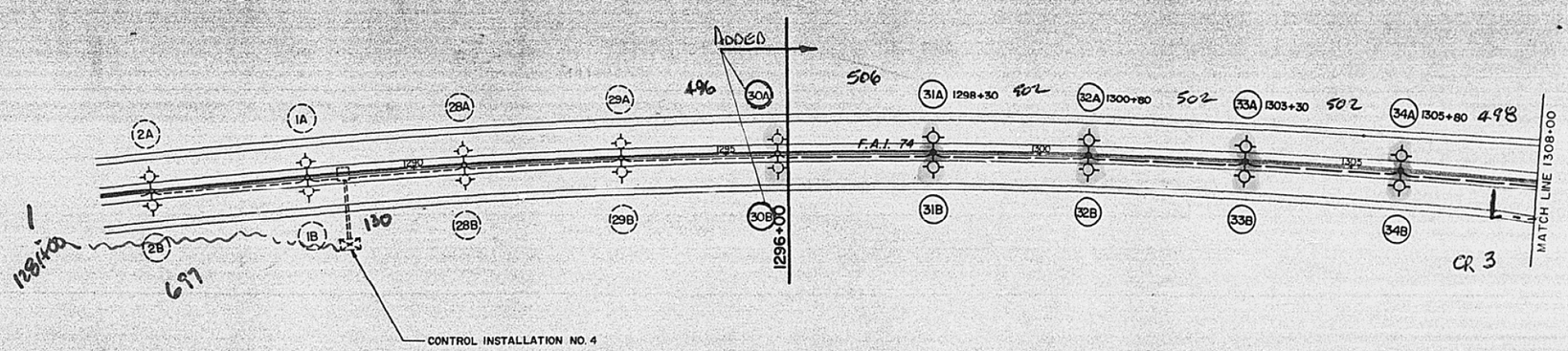
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	CHAMPAIGN	202	89
STA.		TO STA.		
FED ROAD DIST NO 7	ILLINOIS	PROJECT		

* (14HB-4) BRK



CONTROL INSTALLATION NO. 4

#6 Wire
Unis Duct



BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS

LIGHTING

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	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 & US RT 45 / CUNNINGHAM AVE
CONTROLLER 55

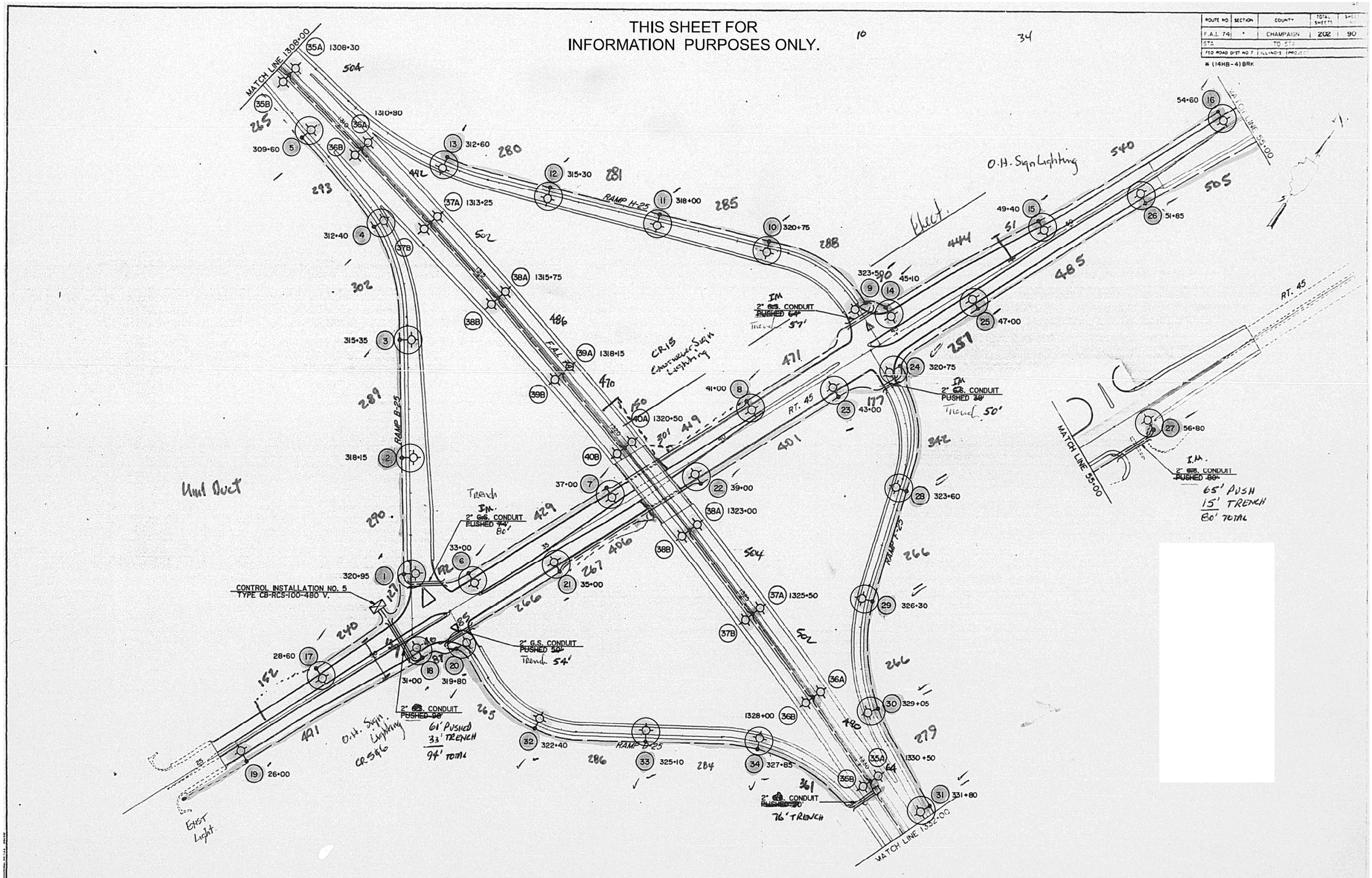
SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. ___+__.__ TO STA. ___+__.__

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	8
		CONTRACT NO. 70H00		
		ILLINOIS	FED. AID PROJECT	

THIS SHEET FOR
INFORMATION PURPOSES ONLY.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	*	CHAMPAIGN	202	90
STA		TO STA		
FED ROAD DIST. NO. 7	ILLINOIS	(PROJECT)		

* (14HB-4) BRK



BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS

LIGHTING

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	DRAWN -	REVISED -	
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PLOT DATE = 8/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 & US RT 45 / CUNNINGHAM AVE
CONTROLLER 55

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	9
		CONTRACT NO. 70H00		
		ILLINOIS	FED. AID PROJECT	

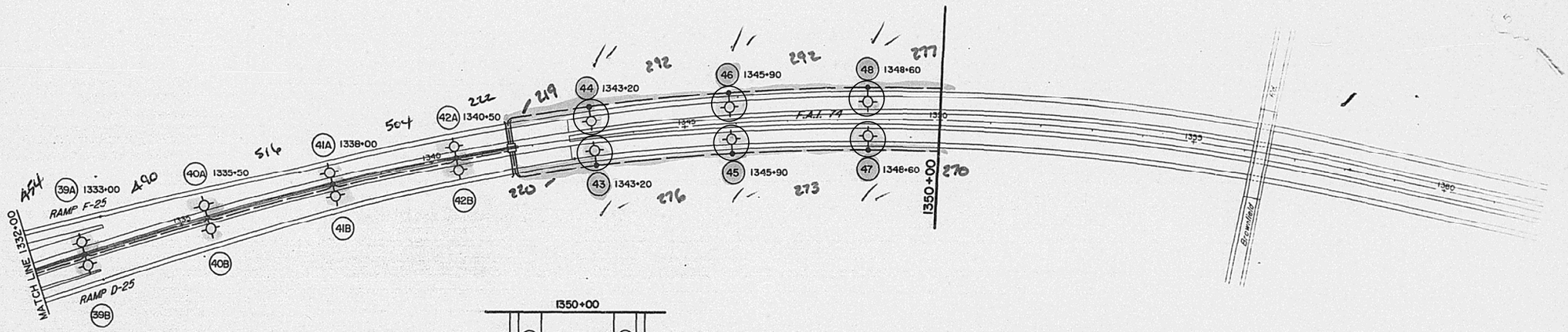
THIS SHEET FOR
INFORMATION PURPOSES ONLY.

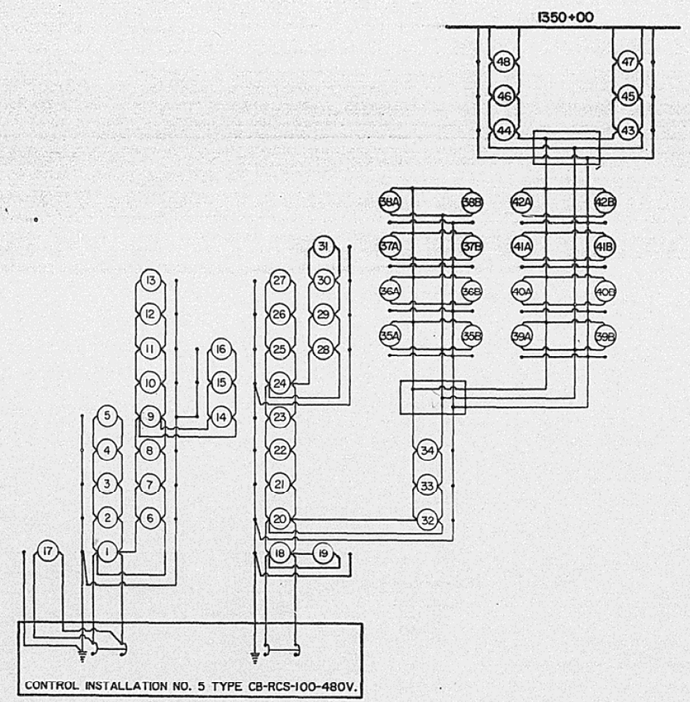
4

✓ wired

Unit Duct

6





CONTROL INSTALLATION NO. 5

BRIGHTON ENGINEERING COMPANY CONSULTING ENGINEERS

LIGHTING

F.A.I. 74	CHAMPAIGN	202	9
* (14HB-4)BRK			

MODEL: $MODELNAME$
FILE NAME: pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices-Districts 5/ORD Projects/D270H00/CADData/CADsheets/D270H00-Sht-Details-Lighting.dgn

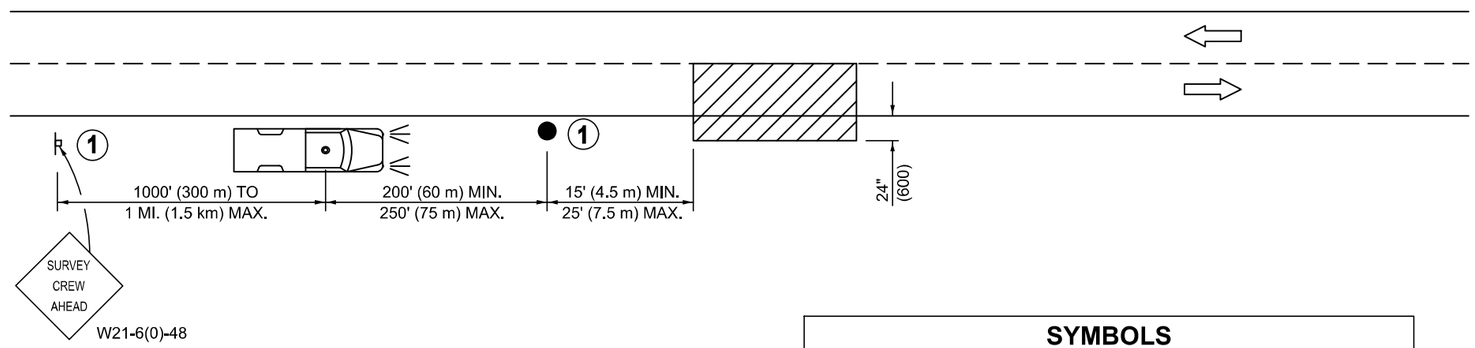
USER NAME = Justin.Cearlock	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 & US RT 45 / CUNNINGHAM AVE
CONTROLLER 55

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. ___+__.__ TO STA. ___+__.__

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	10
		CONTRACT NO. 70H00		
		ILLINOIS	FED. AID PROJECT	



TYPICAL APPLICATIONS

UTILITY OPERATIONS

SYMBOLS

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TRUCK WITH FLASHING AMBER LIGHT AND DUAL EMERGENCY FLASHERS
- FLAGGER WITH TRAFFIC CONTROL SIGN

(1) NOT REQUIRED FOR WORK ACTIVITIES IN OR WITHIN 2' OF TRAVELED LANE IN ONE LOCATION FOR LESS THAN 15 MINUTES (BRIEF ENCROACHMENT).

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 71000000

USER NAME = Justin.Cearlock	DESIGNED -	REVISED - 11/06	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NIGHT TIME INSPECTION OF ROADWAY LIGHTING

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	HMLT2024-1	CHAMPAIGN	11	11
		CONTRACT NO. 70H00		
		ILLINOIS	FED. AID PROJECT	

MODEL: $MODELNAME$
FILE NAME: pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 5/ORD Projects/D570H00/CADData/CADsheets/D570H00-Sht-Detail_70100000.dgn