

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS:  
SEE SHEET 2 FOR INDEX OF SHEETS

PROPOSED  
HIGHWAY PLANS

FAI ROUTE 74 (I-74), FAI ROUTE 155 (I-155)  
(90-14)L-1  
TAZEVELL COUNTY

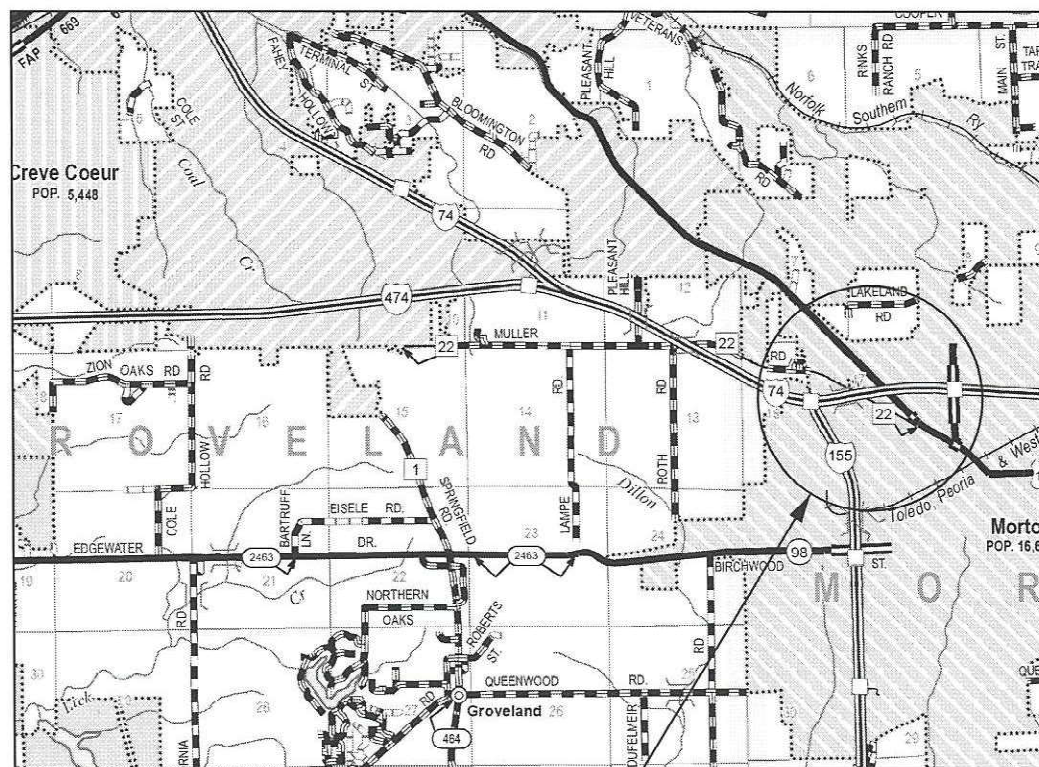
C-94-075-24

HIGHWAY STANDARDS:  
SEE SHEET 2 FOR A LIST OF  
APPLICABLE HIGHWAY STANDARDS

PROJECT DESCRIPTION:  
LIGHTING UPGRADES AT I-74 & I-155  
INTERCHANGE IN MORTON.

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

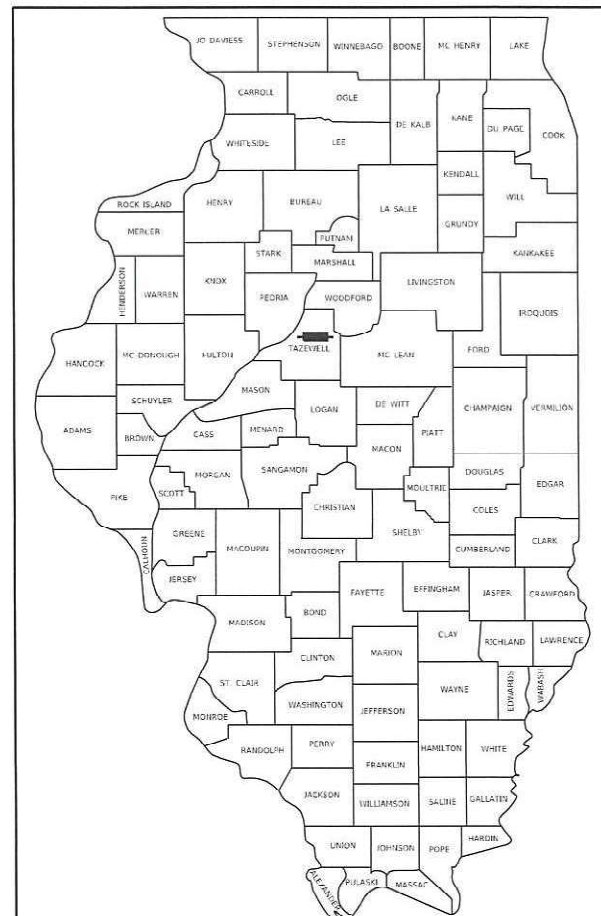
PROJECT ENGINEER : TREVOR HANSON (309) 671-4474  
PROJECT MANAGER : ERIC HOWALD (309) 671-4481  
CATALOG NO. 036523-00D  
CONTRACT NO. 68J25



I-74 & I-155 INTERCHANGE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74,155	(90-14)L-1	TAZEVELL	44	1
		ILLINOIS	CONTRACT NO. 68J25	

D-94-049-24



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 15, 2024  
Don C. James REGIONAL ENGINEER  
May 10, 2024 Scott A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 10, 2024 Stephen M. Lewis  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

NO COMMITMENTS HAVE BEEN MADE IN CONJUCTION WITH THIS PROJECT

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42 - 44	EX. LIGHTING WIRING SCHEMATIC

HIGHWAY STANDARDS	
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH & FOOT
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701406-13	LANE CLOSURE, FREEWAY/ EXPRESSWAY, DAY OPERATIONS ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/ EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE, FREEWAY/ EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701901-09	TRAFFIC CONTROL DEVICES
821101-02	LUMINARE WIRING IN POLE
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

MODEL Default  
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		DRAWN -	REVISED -					74,155	(90-14)I-1	TAEWELL	44	2
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	PLOT DATE = 3/14/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL Default  
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6/1/25 10:00 AM

CONSTRUCTION NOTES	
1.	EXISTING UTILITY LOCATION INFORMATION IS NOT SHOWN ON THE PLAN SHEETS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS AND TERRAIN PRIOR TO COMMENCING WORK ON THE PROJECT.
2.	THE LOCAITON OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3.	THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN OPERATION DURING THE INSTALLATION OF THE PROPOSED LUMINAIRES.
4.	ANY MAINTENANCE OF EXISTING LIGHTING WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
5.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
6.	THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
7.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
8.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
9.	REMOVAL OF EXISTING ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS.
10.	THE CONTRACTOR SHALL DISPOSE OF THE EXISTING HPS LAMPS AT A CERTIFIED RECYCLING FACILITY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED LUMINAIRES.
11.	THE CONTRACTOR MAY ELECT TO WORK DURING NON-PEAK HOURS AND WEEKENDS, HOWEVER, ALL COSTS ASSOCIATED WITH WORKING DURING THESE TIME PERIODS SHALL BE INCLUDED IN THE BID PRICES FOR THE PAY ITEMS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR SHIFT DIFFERENTIALS AND PREMIUM TIME HOURS.
12.	REMOVAL OF EXISTING LUMINAIRES, WIRING, ETC. WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED LED LUMINAIRES.
13.	THE CONTRACTOR SHALL HAVE ALL REQUIRED EQUIPMENT AND SUFFICIENT SUPPLIES OF ALL REQUIRED MATERIALS AVAILABLE AT THE IMMEDIATE WORK SITE TO MINIMIZE WORK OPERATIONS AND TRAFFIC DISRUPTIONS.
14.	THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NEW FUSES, FUSEHOLDERS, SURGE ARRESTORS, AND WIRING INSIDE EXISTING LIGHT POLES FOR LUMINAIRES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED LUMINAIRES.
15.	THE EXISTING FUSES, FUSEHOLDERS, SURGE ARRESTORS AND LUMINAIRE WIRING SHALL BE REUSED WITH THE PROPOSED LUMINAIRES.
16.	THE CONTRACTOR SHALL REPLACE ANY EXISTING DAMAGED OR FAILED FUSES, FUSEHOLDERS, SURGE ARRESTORS, AND LUMINAIRE WIRING AS REQUIRED FOR LUMINAIRE OPERATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE PROPOSED LUMINAIRES.

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION NOTES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/14/2024	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



SUMMARY OF QUANTITIES				TAZEWELL COUNTY CODE 0021 100% STATE URBAN LIGHTING
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QTY.	QTY.
67100100	MOBILIZATION	L SUM	1.0	1.0
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	261.0	261.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	1.0
X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	8.0	8.0

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FILE NAME: S:\ENR\WORK\DD\ESP\AN\Hanson.dwg 6/25 Morton Lighting LED\Horton LED (03-19-24).dgn

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	PLOT DATE = 3/19/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		





Luminaire Performance Table



Project

Date	Contract Number	Section Number	County
02/29/24	68J25	(90-14)L-1	Tazewell

Marked Route Number	Municipality
I-74	Village of Morton

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)
50	12	16	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
ROADWAY, OUTPUT DESIGNATION H	MEDIUM	TYPE III

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)
250 FT	1 SIDE

Performance

Average Illuminance, $E_{AVE}$ (fc)	Uniformity Ratio, $E_{AVE}/E_{MIN}$
$\geq 0.6$	$\leq 3:1$

Average Luminance, $L_{AVE}$ (cd/m <sup>2</sup> )	Uniformity Ratio, $L_{AVE}/L_{MIN}$	Uniformity Ratio, $L_{MAX}/L_{MIN}$	Veiling Luminance Ratio, $L_v/L_{AVE}$
$\geq 0.4$	$\leq 3.5:1$	$\leq 6:1$	$\leq 0.3$

Light Trespass

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

- 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.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

5. Photometric calculations shall be performed with three lanes in one direction only.

6. Performance criteria shall be held to one significant digit.

7. Performance table is intended to define the luminaire and does not necessarily represent any specific geometry, arm length, or mounting height.

Printed 03/01/24

BDE 5630 (04/10/19)



Luminaire Performance Table



Project

Date	Contract Number	Section Number	County
03/15/24	68J25	(90-14)L-1	Tazewell

Marked Route Number	Municipality
I-74	Village of Morton

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12	2	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
16	N/A	25	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
UNDERPASS LUMINAIRE (SPECIAL)	MEDIUM	TYPE III

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)
80 FT	1 SIDE

Performance

Average Illuminance, $E_{AVE}$ (fc)	Uniformity Ratio, $E_{AVE}/E_{MIN}$
$\geq 0.6$	$\leq 3:1$

Average Luminance, $L_{AVE}$ (cd/m <sup>2</sup> )	Uniformity Ratio, $L_{AVE}/L_{MIN}$	Uniformity Ratio, $L_{MAX}/L_{MIN}$	Veiling Luminance Ratio, $L_v/L_{AVE}$
$\geq 0.4$	$\leq 3.5:1$	$\leq 6:1$	$\leq 0.3$

Light Trespass

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

- 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.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

5. Photometric calculations shall be performed with two lanes in one direction only with luminaires tilted at 10 degrees.

6. Performance criteria shall be held to one significant digit.

7. Performance table is intended to define the luminaire and does not necessarily represent any specific geometry, arm length, or mounting height.

Printed 03/15/24

BDE 5630 (04/10/19)

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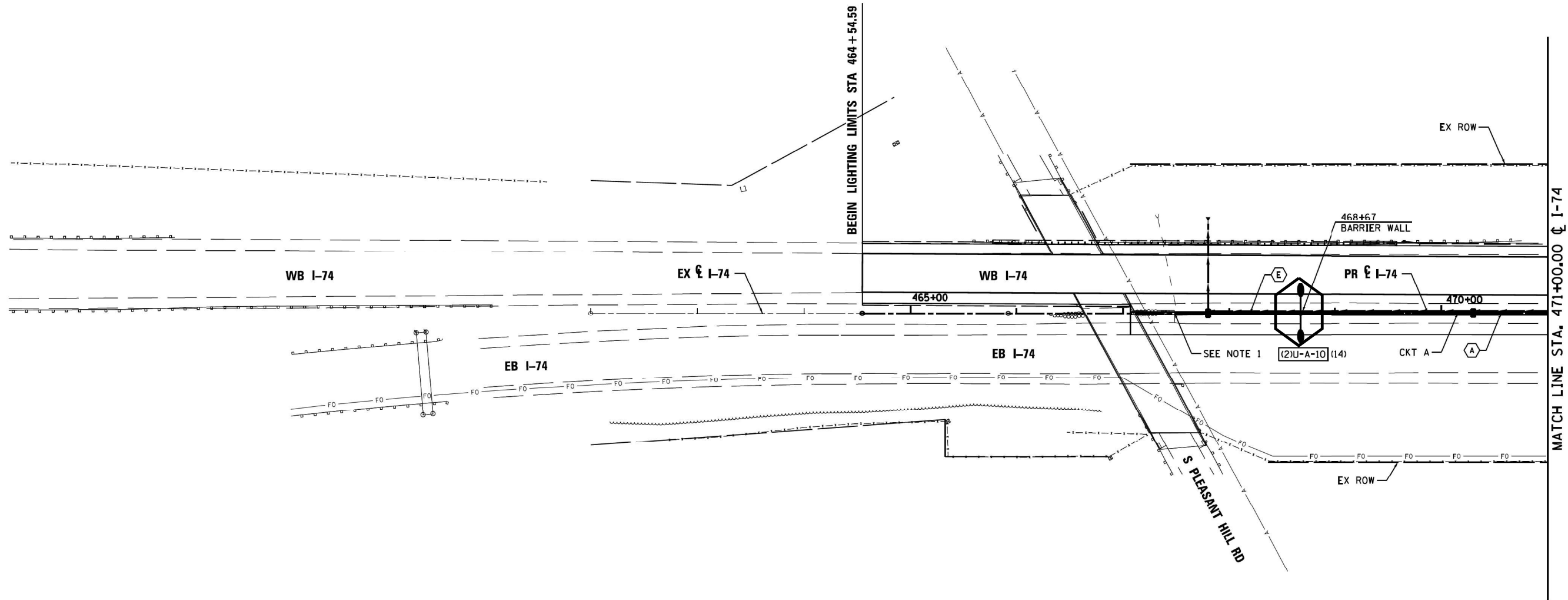
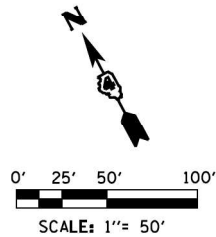
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LUMINAIRE PERFORMANCE TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74,155	(90-14)L-1	TAEWELL	44	5
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

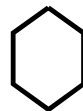


BILL OF MATERIALS

SHEET 6

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2.0

LEGEND



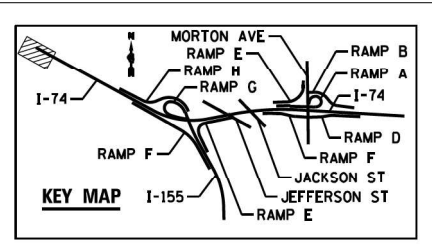
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



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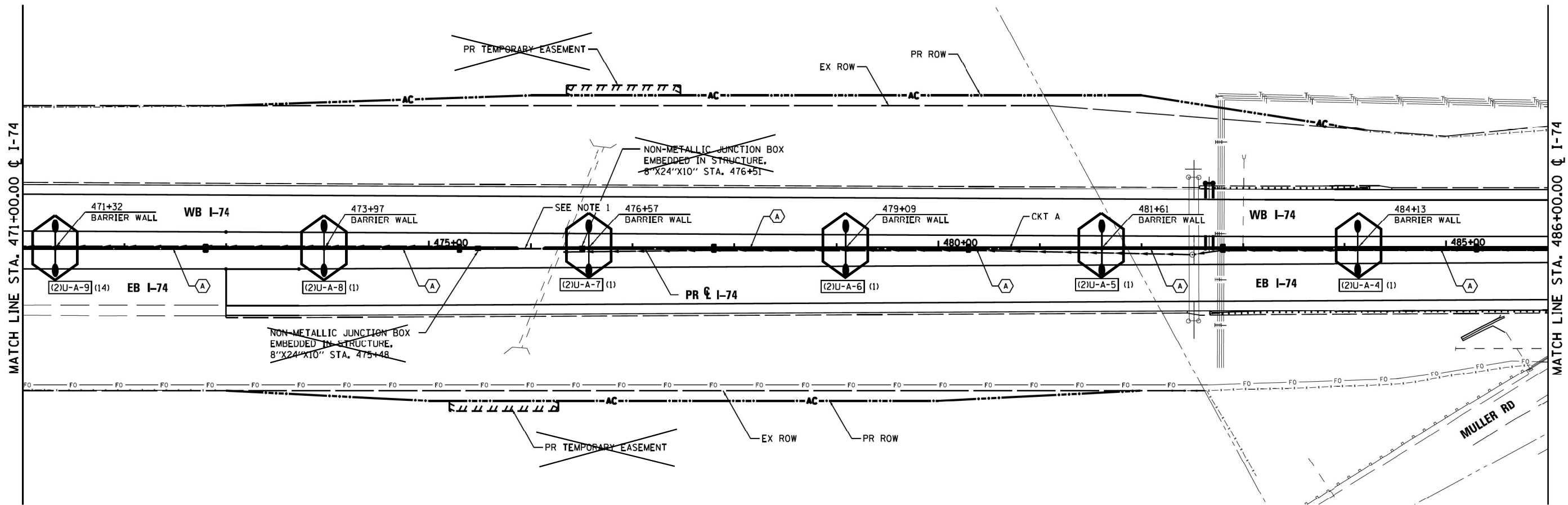
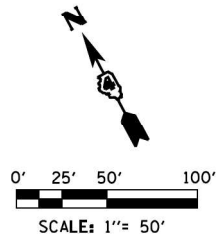
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

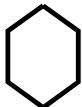


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CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

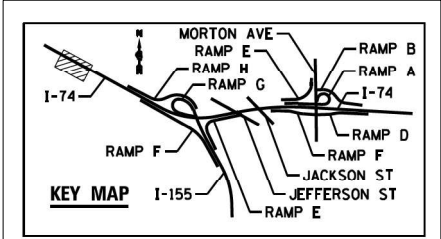


BILL OF MATERIALS  
SHEET 7

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12.0

LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

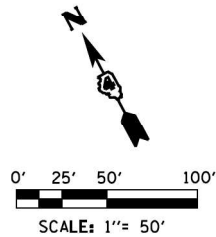
I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				





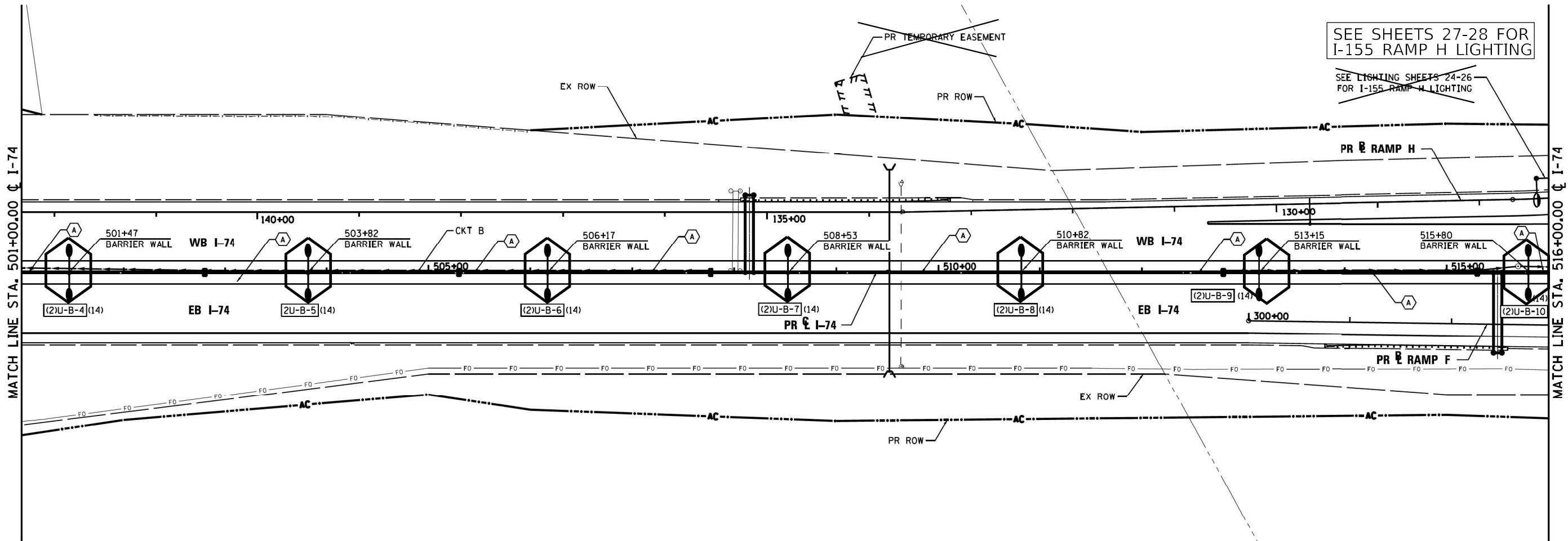


SEE SHEETS 27-28 FOR  
I-155 RAMP H LIGHTING

SEE LIGHTING SHEETS 24-26  
FOR I-155 RAMP H LIGHTING

PR RAMP H

PR RAMP F

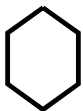


BILL OF MATERIALS

SHEET 9

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	14.0

LEGEND



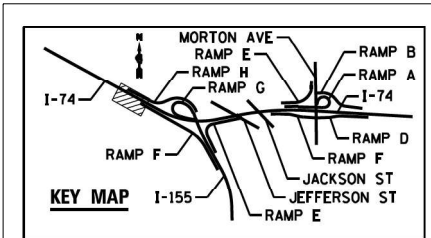
LUMINAIRE, LED, ROADWAY, OUTPUT  
DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT  
DESIGNATION H' (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL)  
(QTY. 1.0)



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PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	9
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				





BILL OF MATERIALS		
SHEET 11		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12.0

SEE SHEETS 17-19 FOR  
I-155 LIGHTING

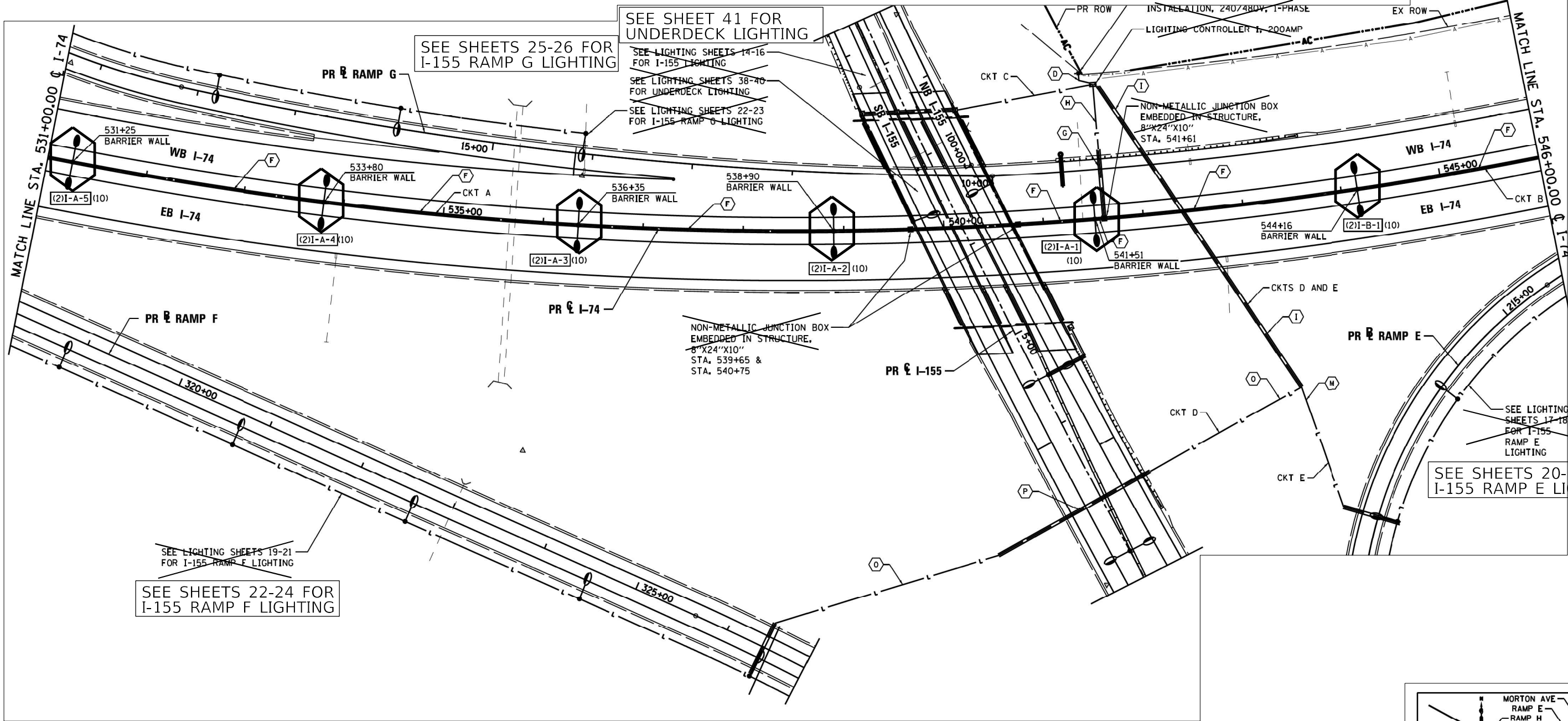
SEE SHEET 41 FOR  
UNDERDECK LIGHTING

SEE SHEETS 25-26 FOR  
I-155 RAMP G LIGHTING

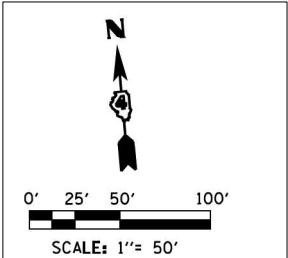
SEE LIGHTING SHEETS 14-16  
FOR I-155 LIGHTING

SEE LIGHTING SHEETS 38-40  
FOR UNDERDECK LIGHTING

SEE LIGHTING SHEETS 22-23  
FOR I-155 RAMP G LIGHTING



LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)

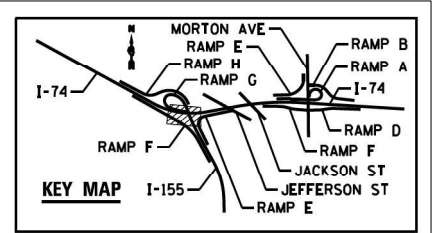


SEE SHEETS 17-18  
FOR I-155  
RAMP E  
LIGHTING

SEE SHEETS 20-21 FOR  
I-155 RAMP E LIGHTING

SEE LIGHTING SHEETS 19-21  
FOR I-155 RAMP F LIGHTING

SEE SHEETS 22-24 FOR  
I-155 RAMP F LIGHTING



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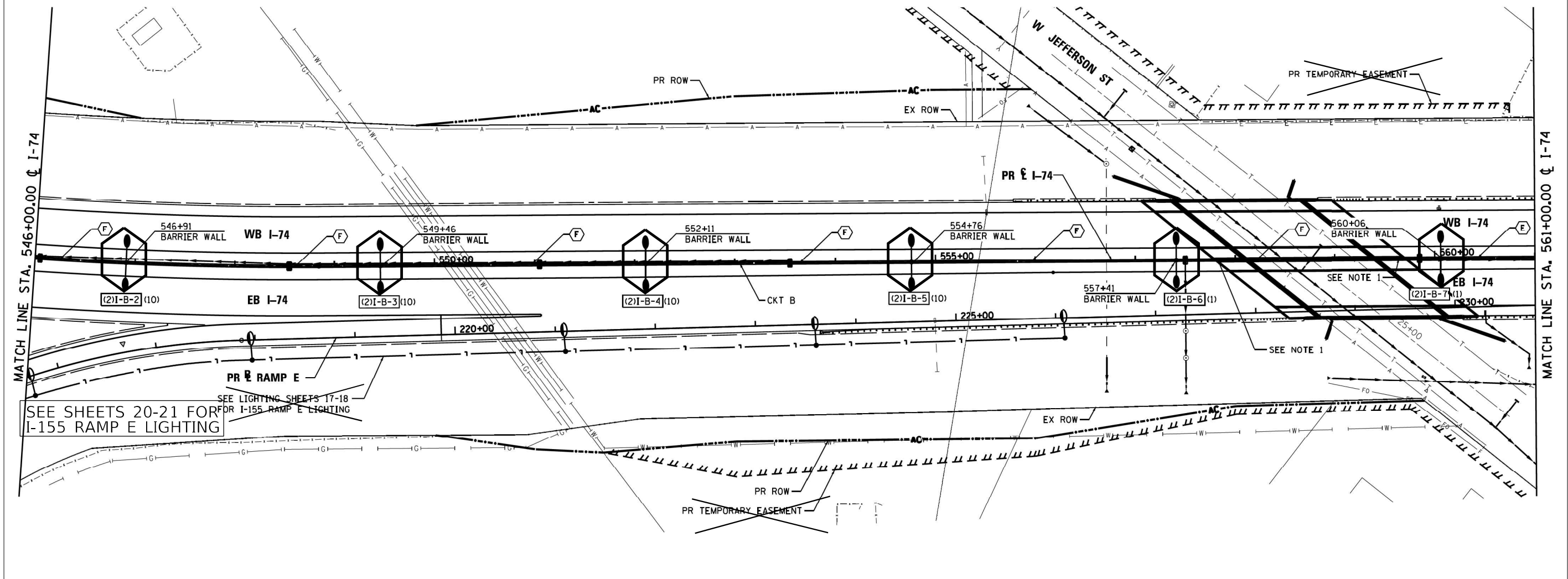
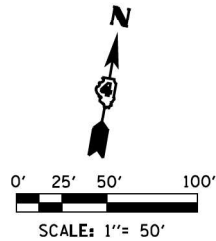
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	11
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

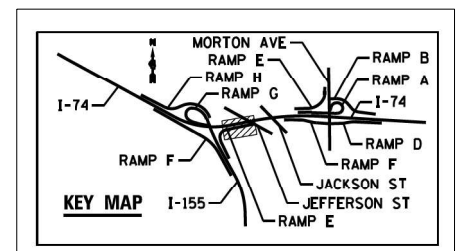


BILL OF MATERIALS  
SHEET 12

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12.0

LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

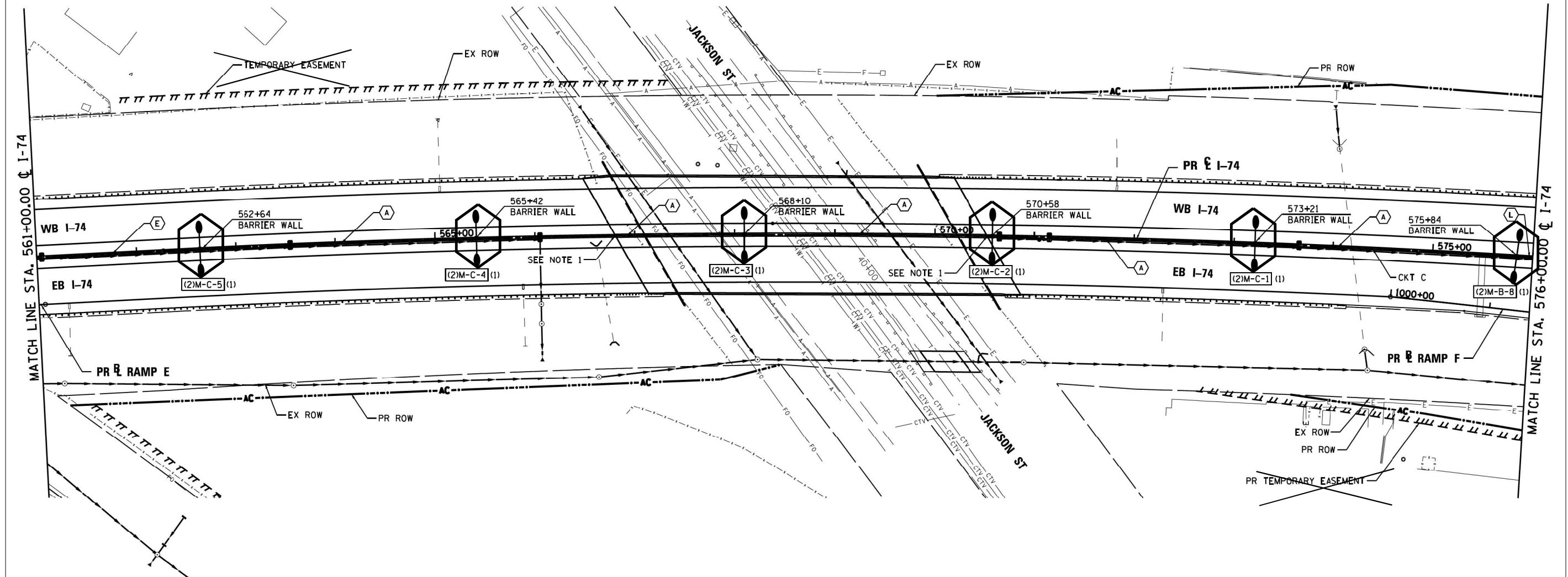
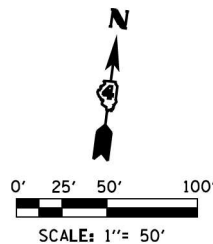
I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	12
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\ENR\W\WORD\DESIGN\AN\Hanson.dwg  
68J25 Morton Lighting LED\Hanson.dwg (03-19-24).dgn

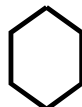


USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

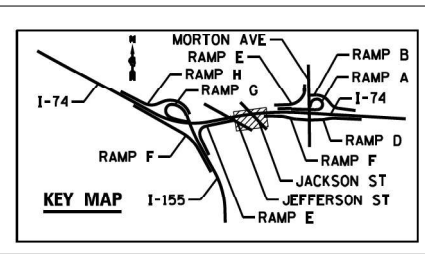


BILL OF MATERIALS  
SHEET 13

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	12.0

LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson\4 68025 Morton Lighting LED\Hanson LED (03-19-24).dgn

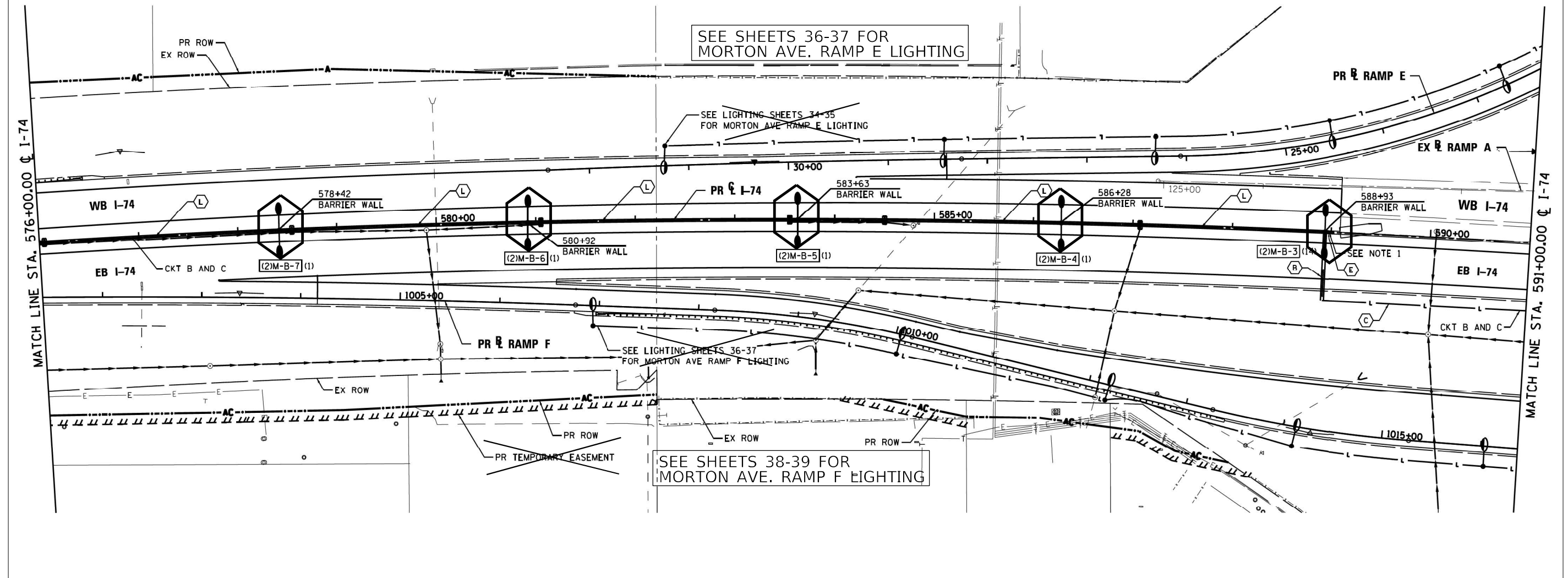
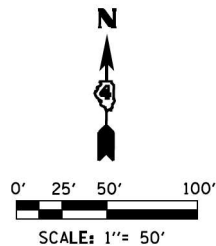
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS (CONTINUED)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	13
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				




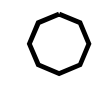



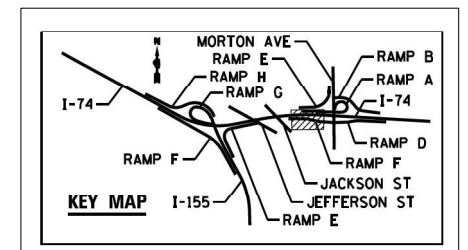
### BILL OF MATERIALS

#### SHEET 14

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	10.0

### LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



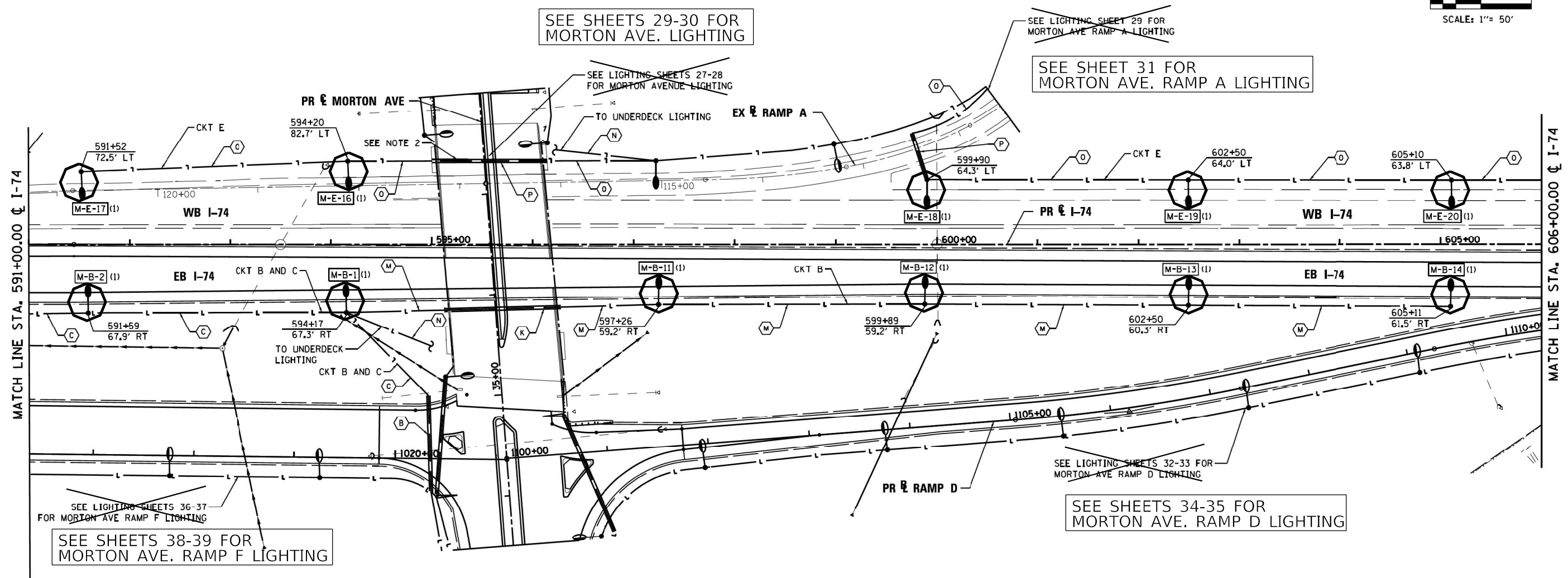
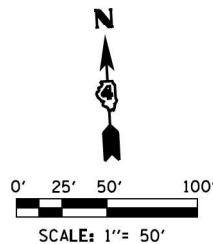
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

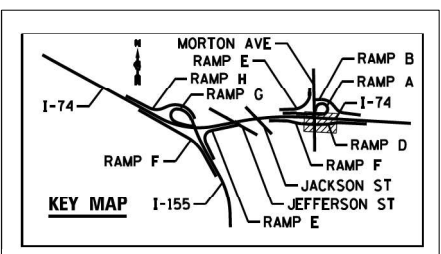
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	14
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -



BILL OF MATERIALS			
SHEET 15			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	11.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD.DESIGN\AN\Hanson.dwg  
6025 Morton Lighting LED\Hanson.dwg (03-19-24).dgn

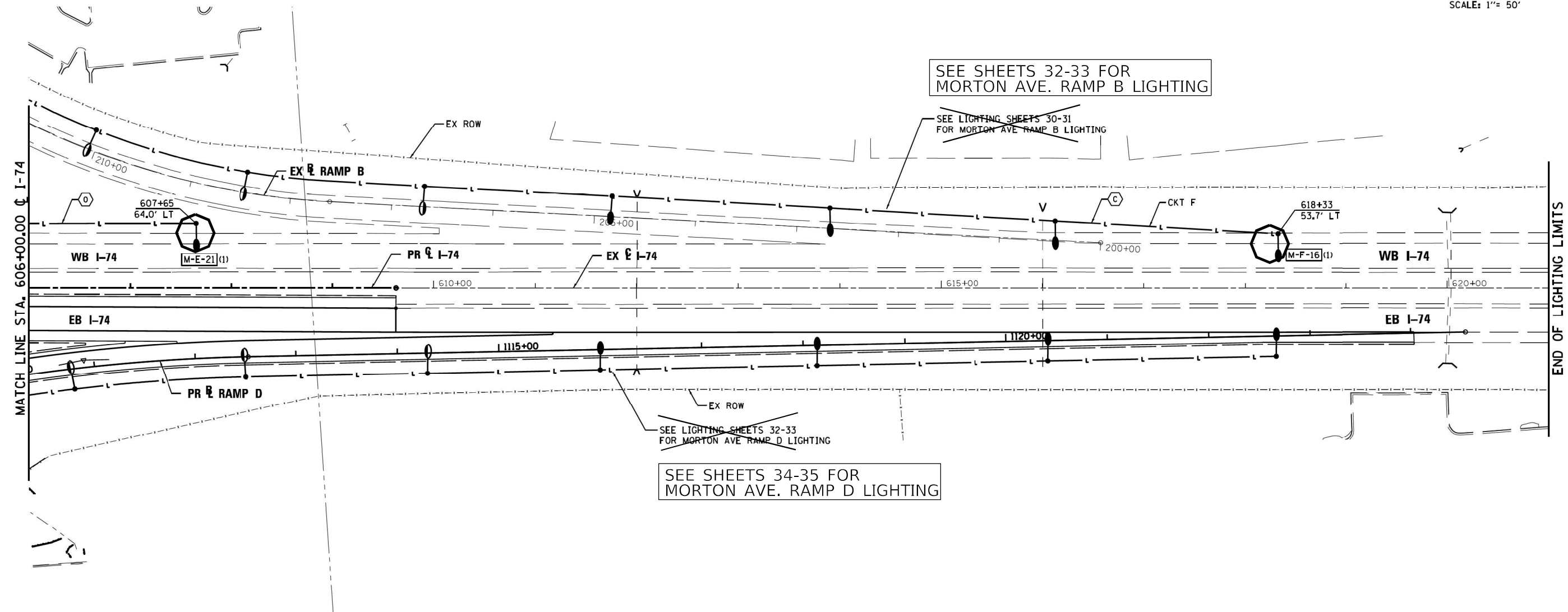
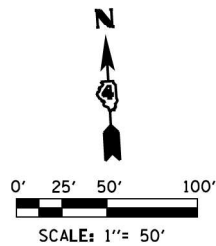
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 206,2628' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS (CONTINUED)

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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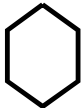
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	15
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS  
SHEET 16

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2.0

LEGEND



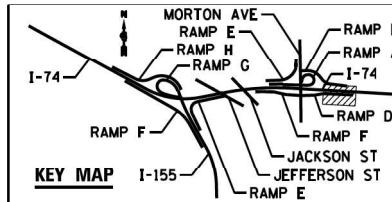
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



KEY MAP

MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\# 6825 Morton Lighting LED\I-74.dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

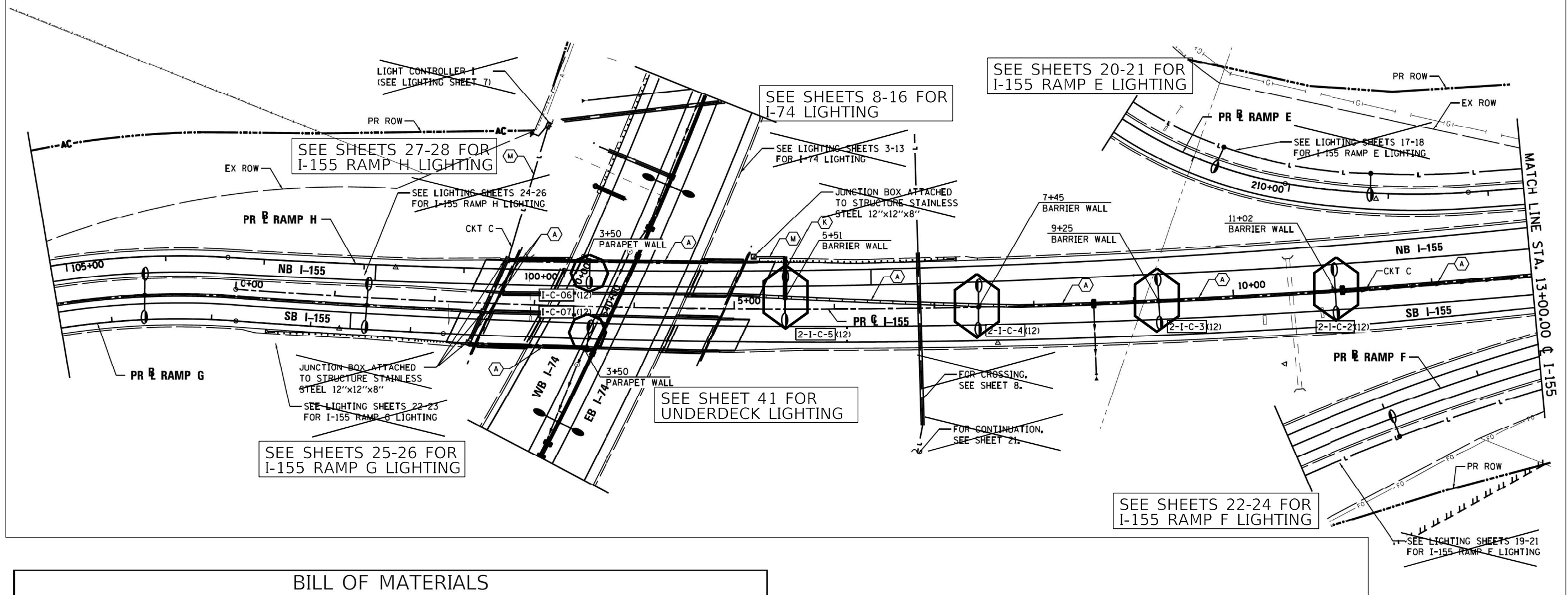
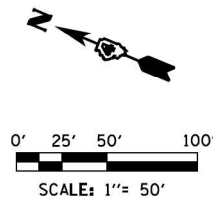
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

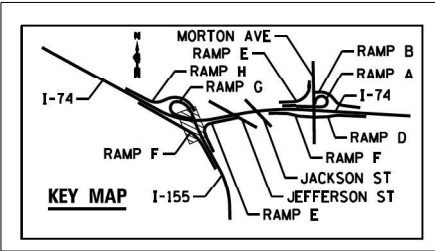
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	16
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				





BILL OF MATERIALS			
SHEET 17			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	10.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\AN\Hanson.dwg  
6/2/25 Morton Lighting LED\Hanson.dwg (03-19-24).dgn

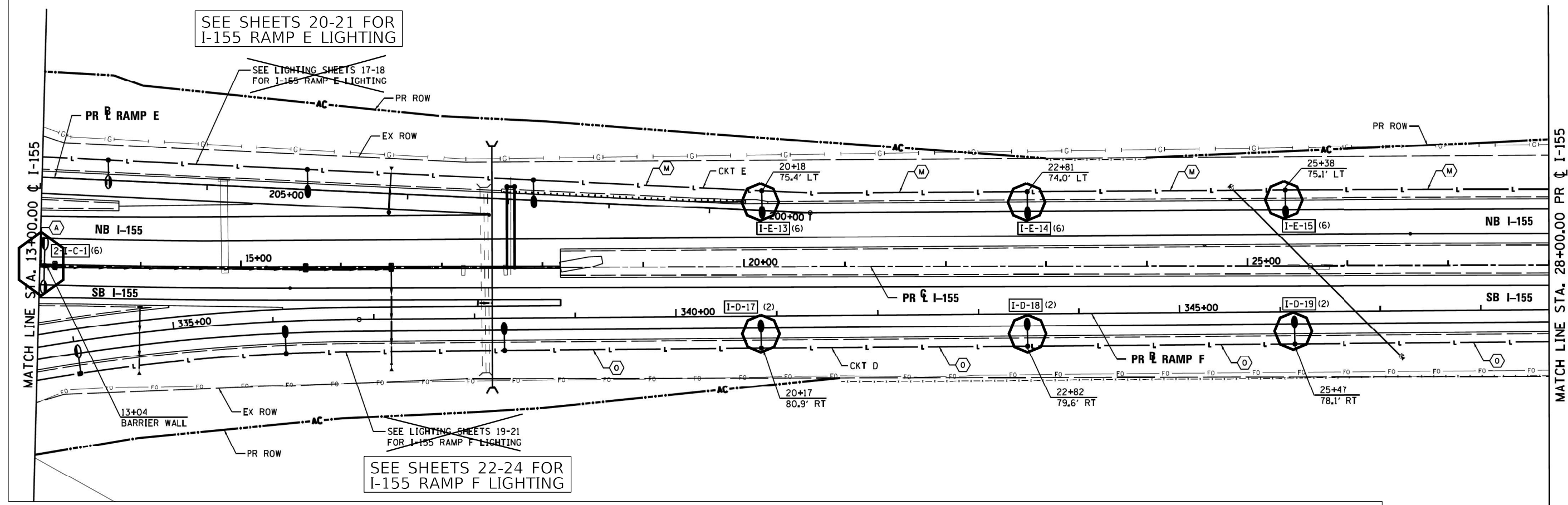
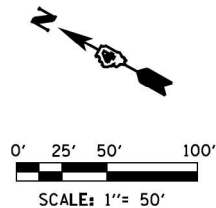
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 206,2628' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-155 LIGHTING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

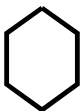
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	17
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS  
SHEET 18

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8.0

LEGEND



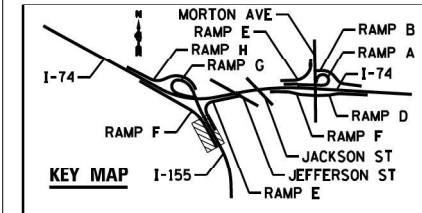
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson.dwg  
6/2/25 Morton Lighting LED\Hanson.dwg

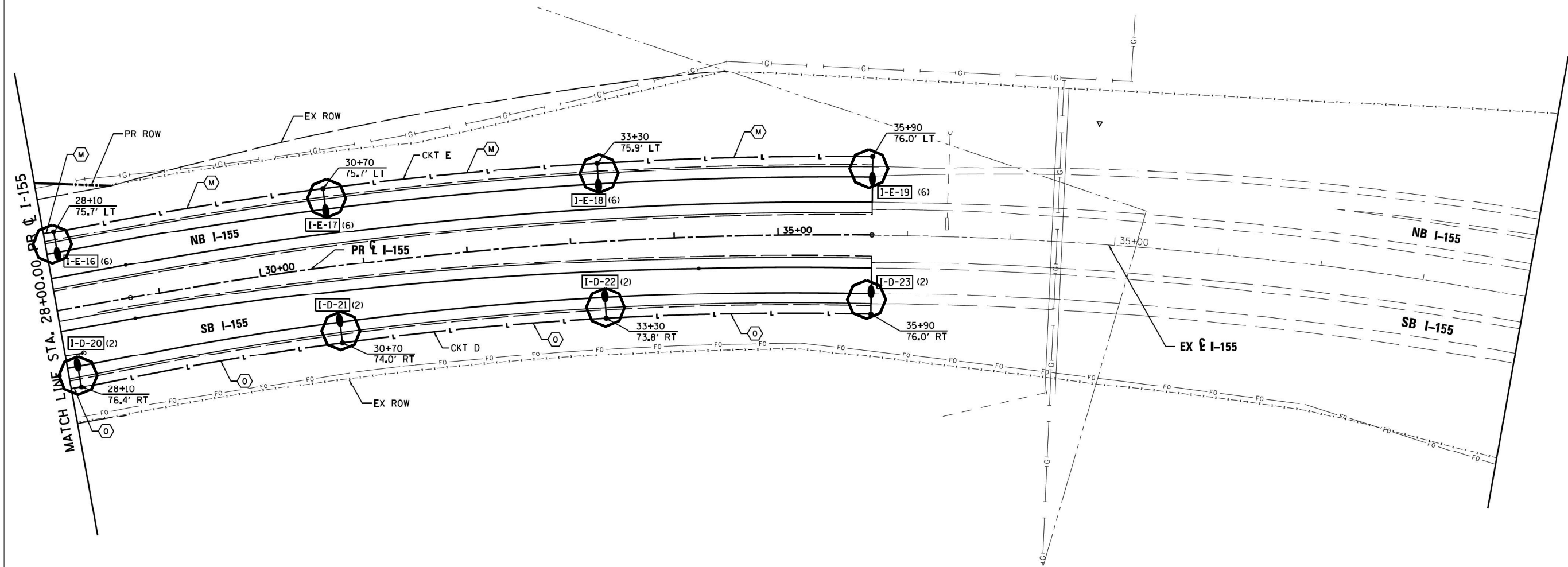
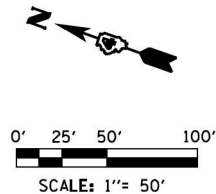
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-155 LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	18
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

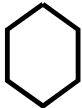


BILL OF MATERIALS

SHEET 19

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8.0

LEGEND



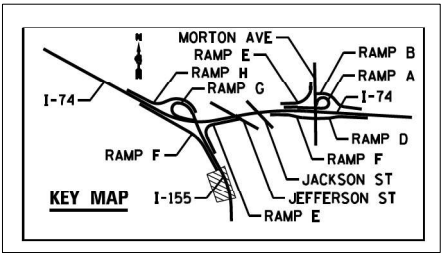
LUMINAIRE, LED, ROADWAY, OUTPUT  
DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT  
DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL)  
(QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Hanson LED (03-19-24).dgn

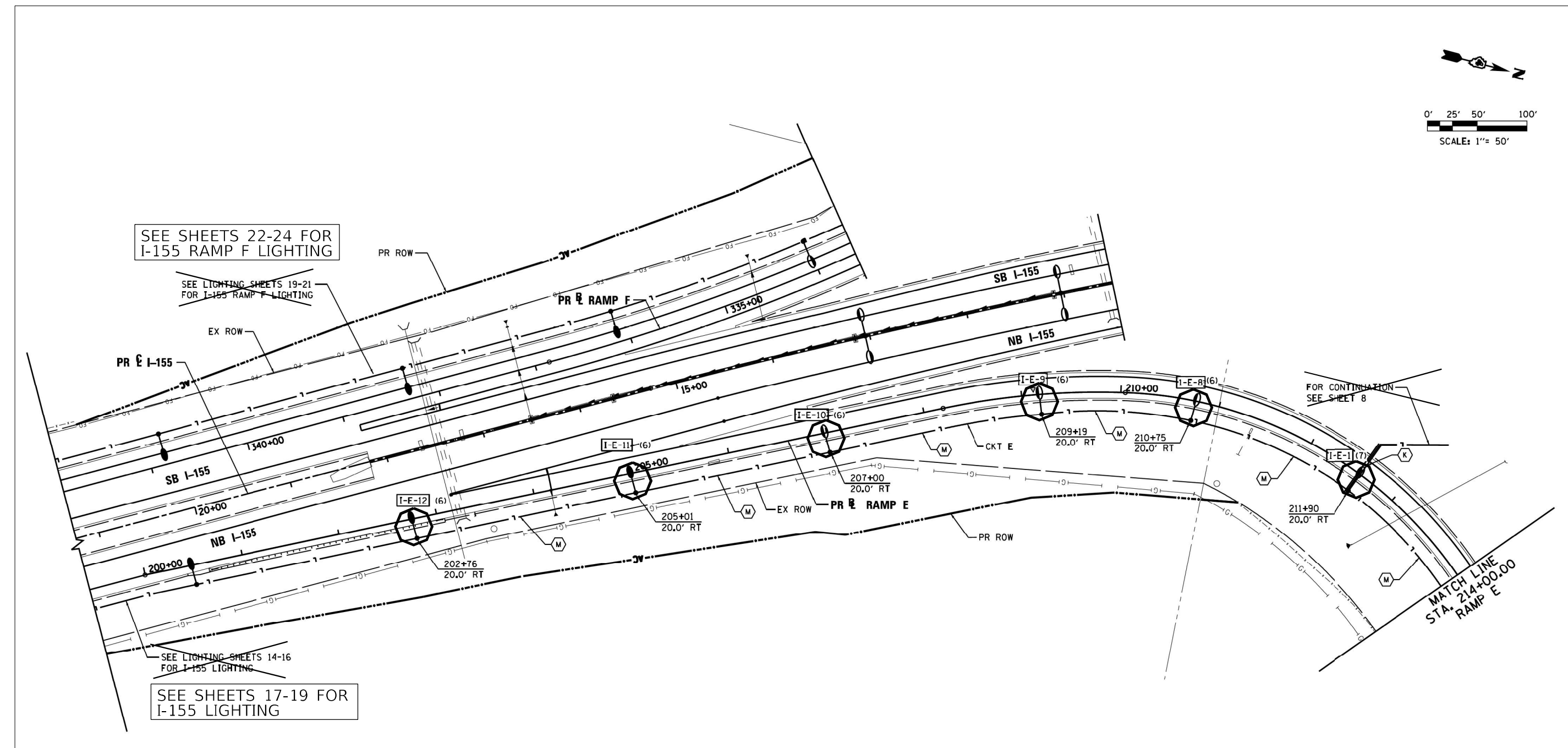
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

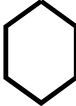


I-155 LIGHTING PLANS (CONTINUED)

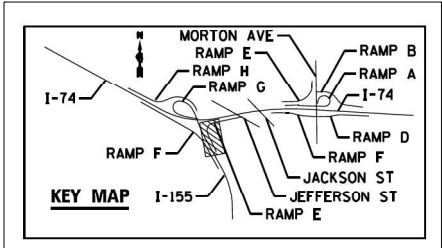
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	19
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS			
SHEET 20			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	6.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\# 68125 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

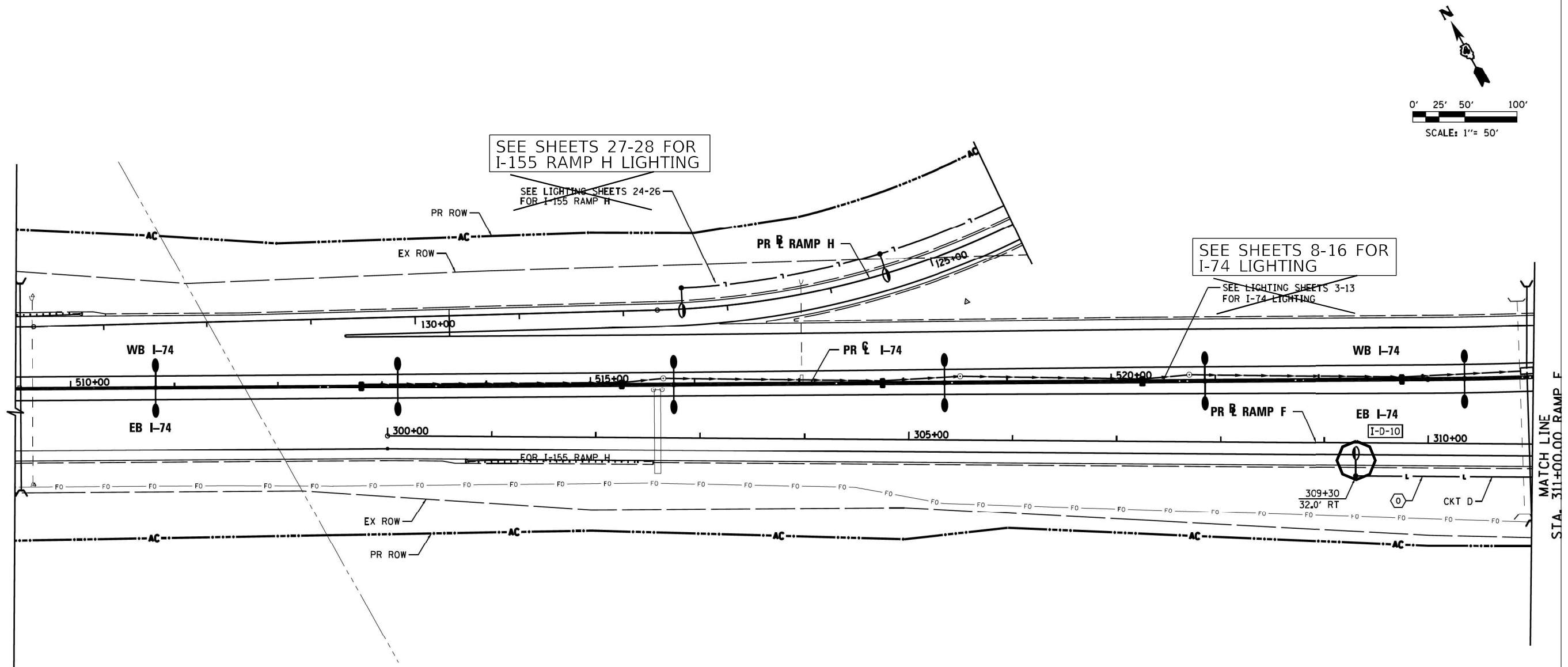
I-155 RAMP E LIGHTING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	20
CONTRACT NO. 68125				
ILLINOIS FED. AID PROJECT				







BILL OF MATERIALS

SHEET 22

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	1.0

LEGEND



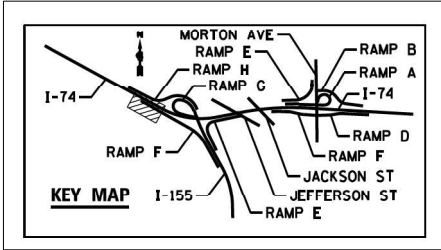
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE



LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE



UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORDDESIGN\ANIHanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

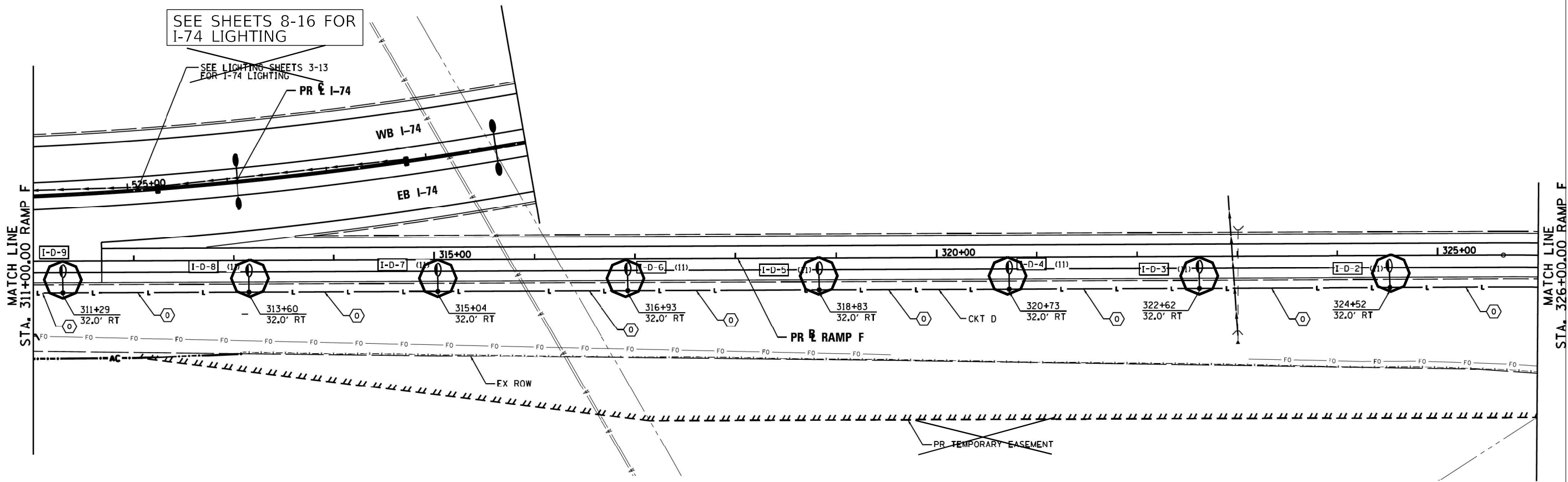
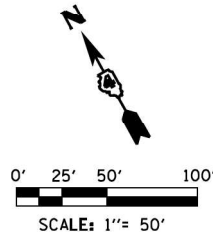
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

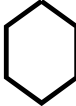


I-155 RAMP F LIGHTING PLANS

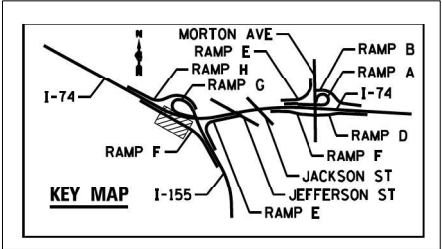
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	22
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS			
SHEET 23			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



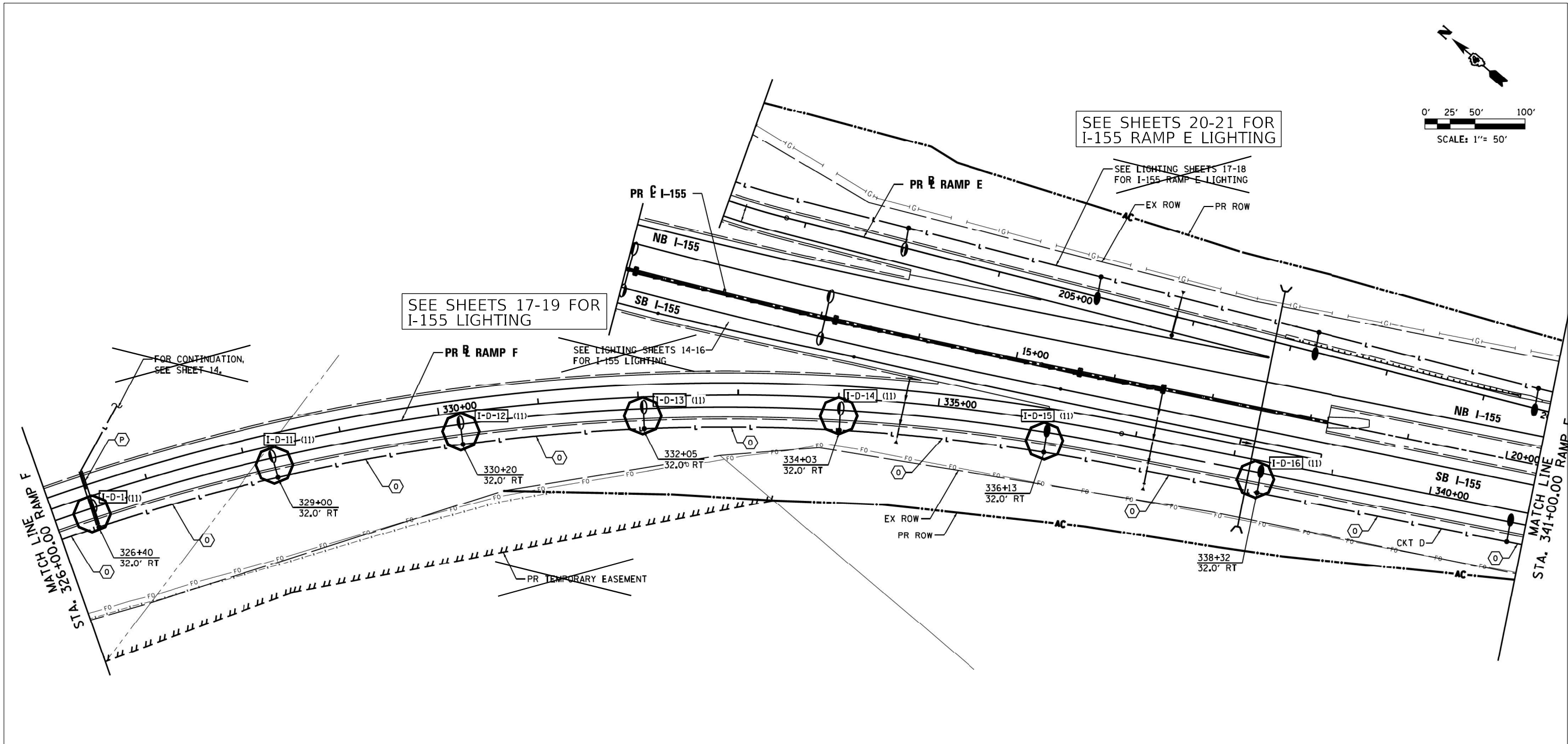
MODEL: Default  
FILE NAME: 3025WINWORDDESIGN\AN\Hanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

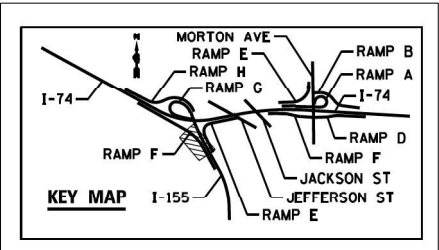
I-155 RAMP F LIGHTING PLANS (CONTINUED)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	23
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



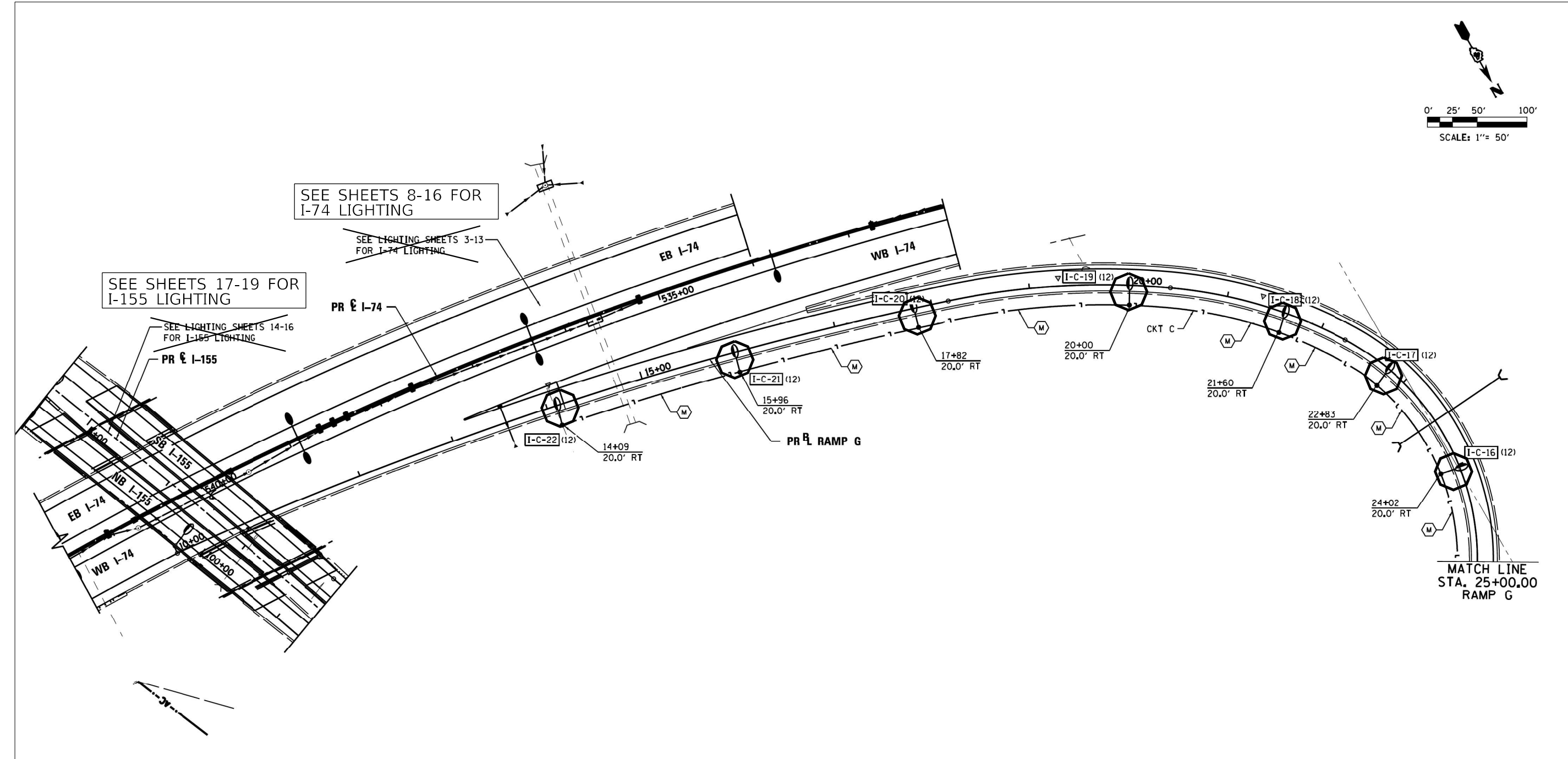
BILL OF MATERIALS			
SHEET 24			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	7.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)

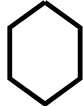




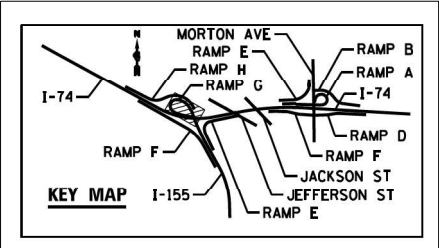
MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Hanson LED (03-19-24).dgn

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				I-155 RAMP F LIGHTING PLANS (CONTINUED)				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = Trevor, Hanson				SCALE:				74, 155	(90-14)I-1	TAZEWELL	44	24
DESIGNED -				SHEET OF SHEETS				CONTRACT NO. 68J25				
DRAWN -				STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT SCALE = 206,2628 ' / in.												
CHECKED -												
PLOT DATE = 3/19/2024												
DATE -												
REVISED -												
REVISED -												
REVISED -												



BILL OF MATERIALS			
SHEET 25			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	7.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

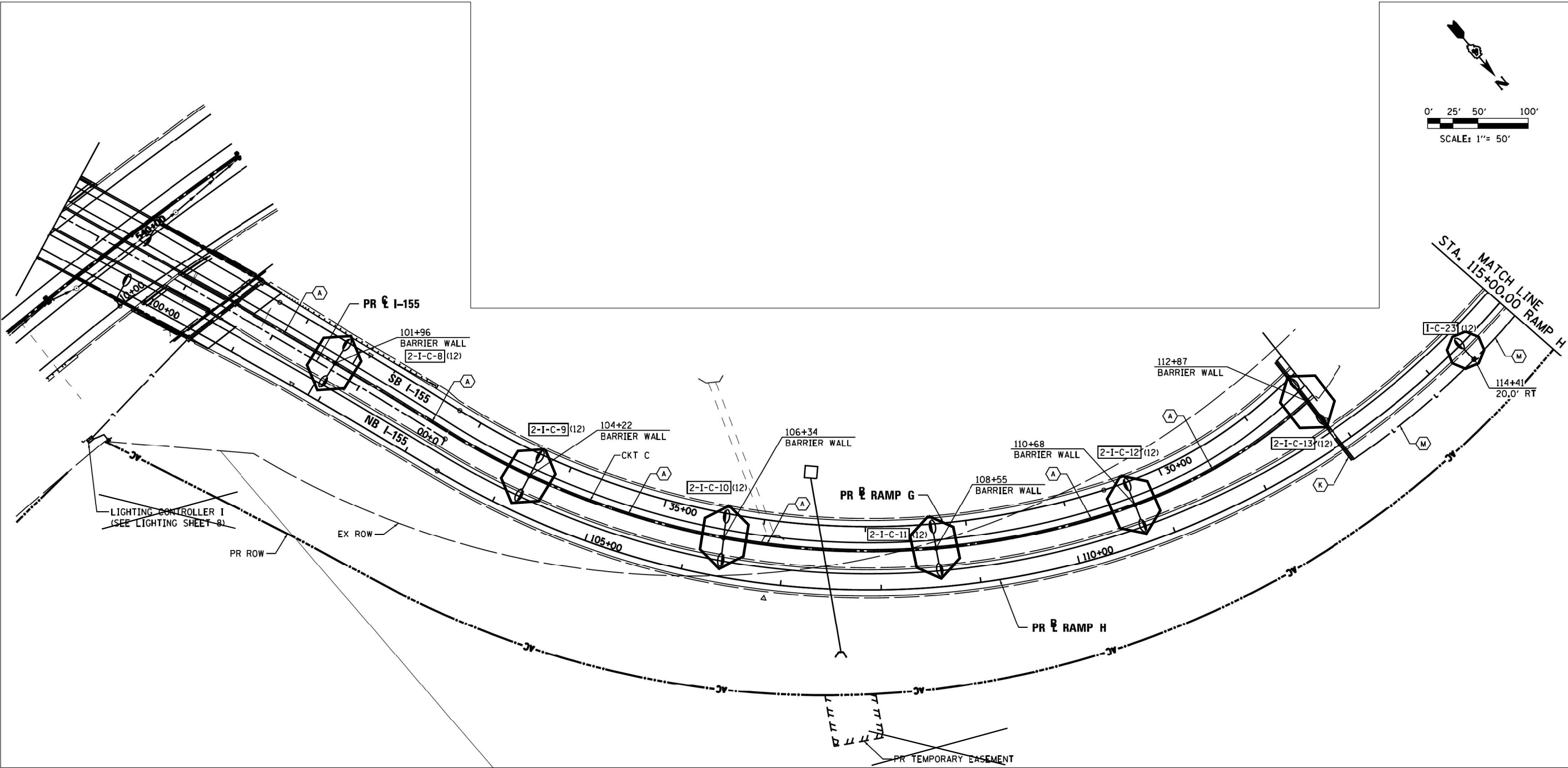
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-155 RAMP G LIGHTING PLANS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	25
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

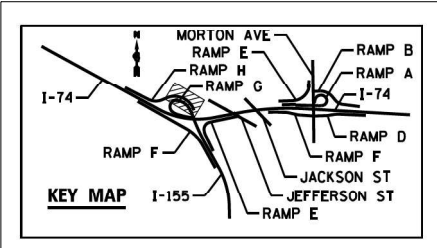






BILL OF MATERIALS		
SHEET 27		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	13.0

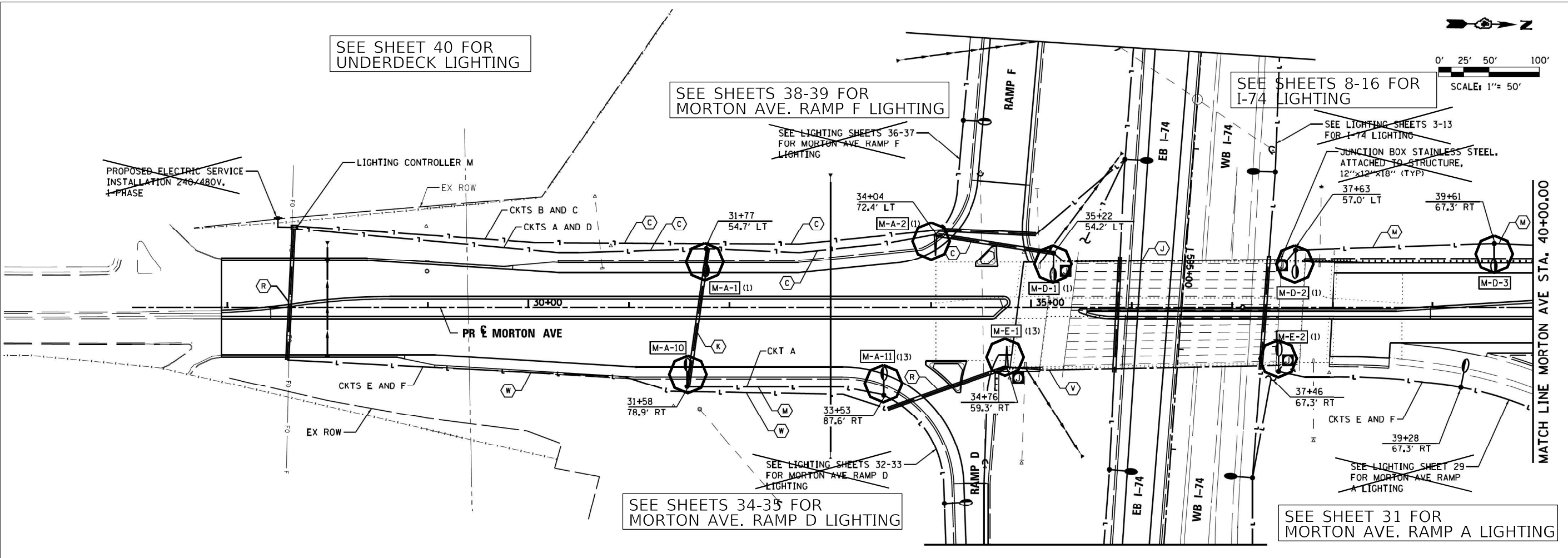
LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORDDESIGN\AN\Hanson.dwg  
6025 Morton Lighting LED\Hanson LED (03-19-24).dgn

	USER NAME   = Trevor,Hanson	DESIGNED   -	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-155 RAMP H LIGHTING PLANS					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
		DRAWN    -	REVISED   -		74, 155	(90-14)I-1	TAZEWELL	44	27											
	PLOT SCALE   = 206,2628 ' / in.	CHECKED   -	REVISED   -							CONTRACT NO. 68J25										
	PLOT DATE    = 3/19/2024	DATE       -	REVISED   -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.										
															ILLINOIS			FED. AID PROJECT		





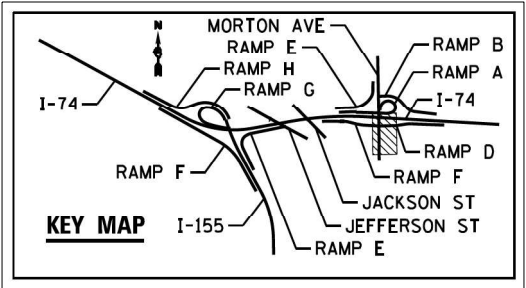
BILL OF MATERIALS		
SHEET 29		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	9.0

LEGEND

LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE

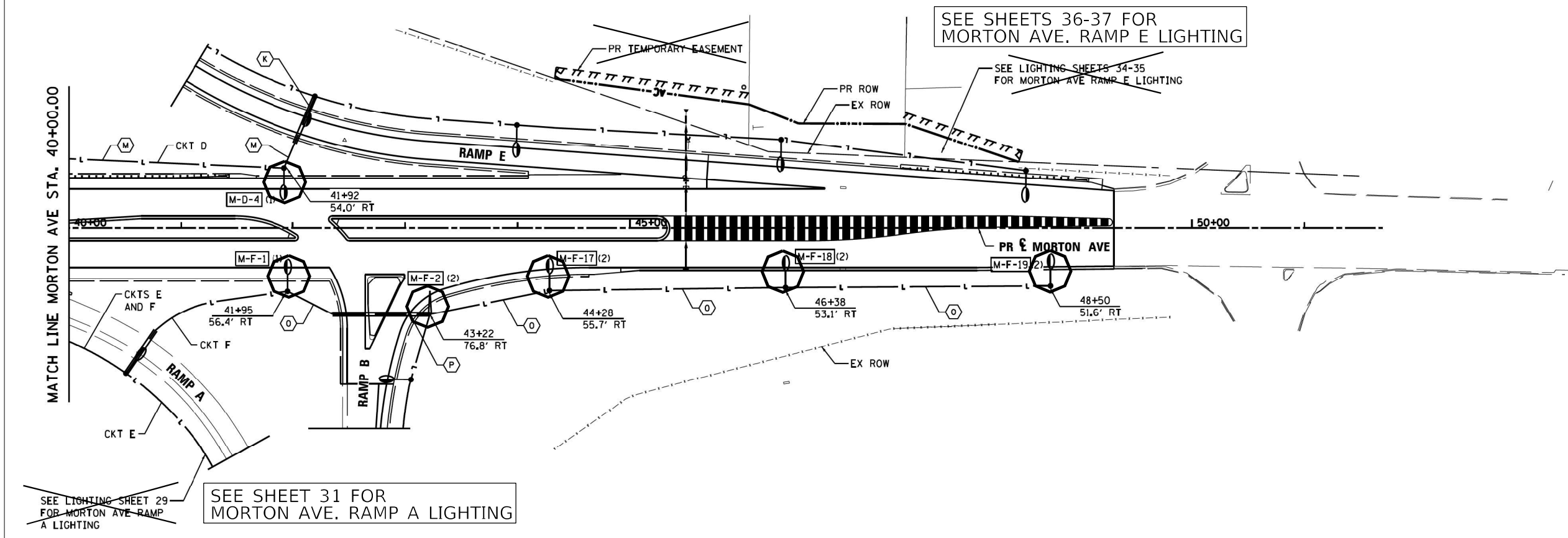
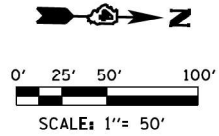
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE

UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025MORTON\\WORD\\DESIGN\\AN\\Hanson.dwg  
6/19/25 Morton Lighting LED\\Morton LED (03-19-24).dgn

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MORTON AVE. LIGHTING PLANS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE: SHEET OF SHEETS STA. TO STA.			74, 155	(90-14)I-1	TAZEWELL	44	29
				CONTRACT NO. 68J25				
				ILLINOIS FED. AID PROJECT				






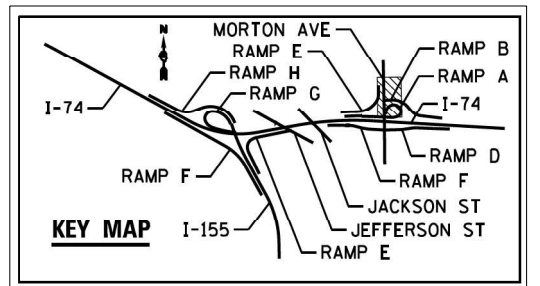
## BILL OF MATERIALS

### SHEET 30

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	6.0

## LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

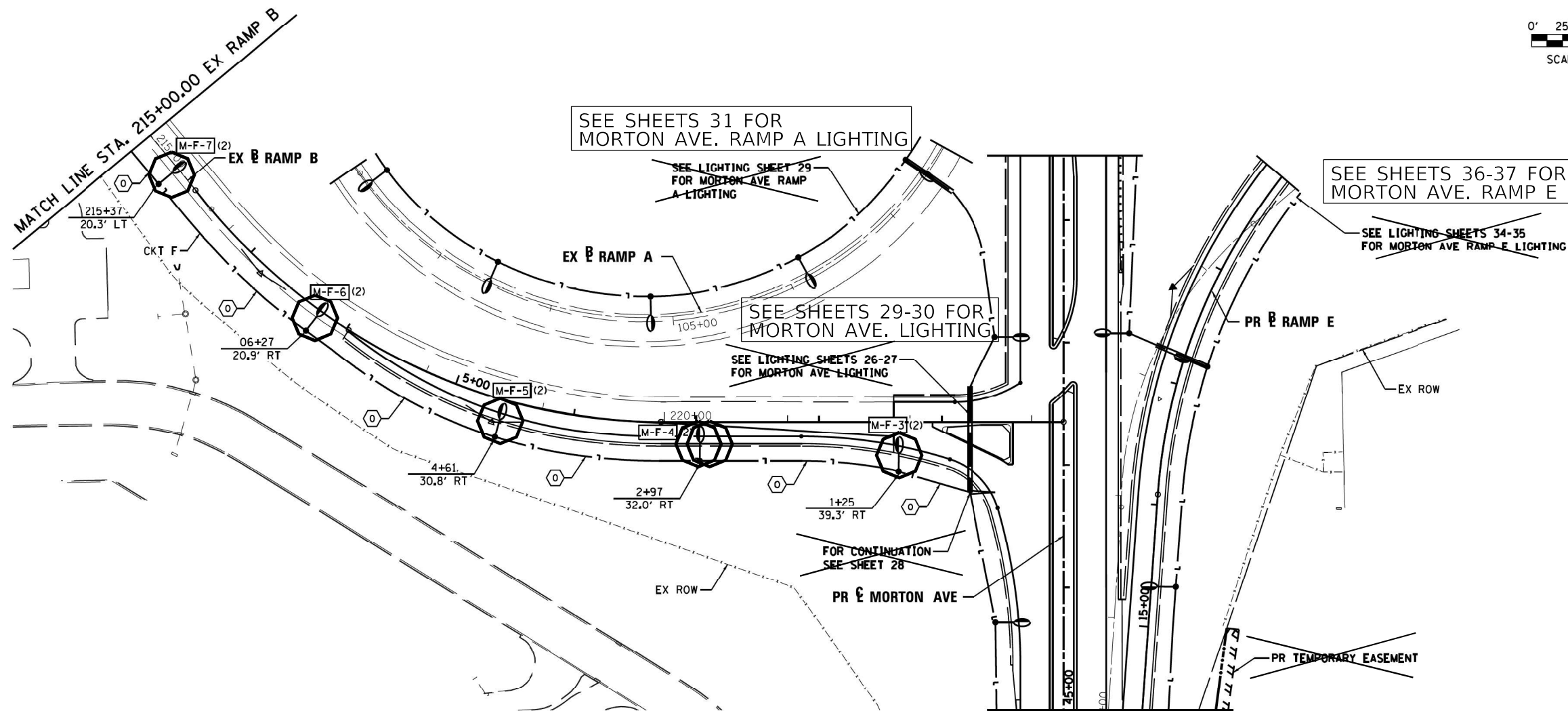
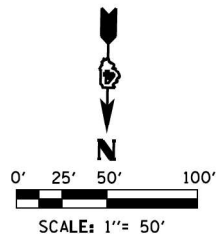
MORTON AVE. LIGHTING PLANS (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	30
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



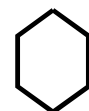




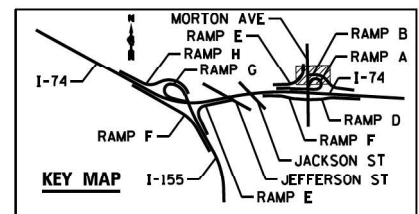


BILL OF MATERIALS  
SHEET 32

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	5.0

LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

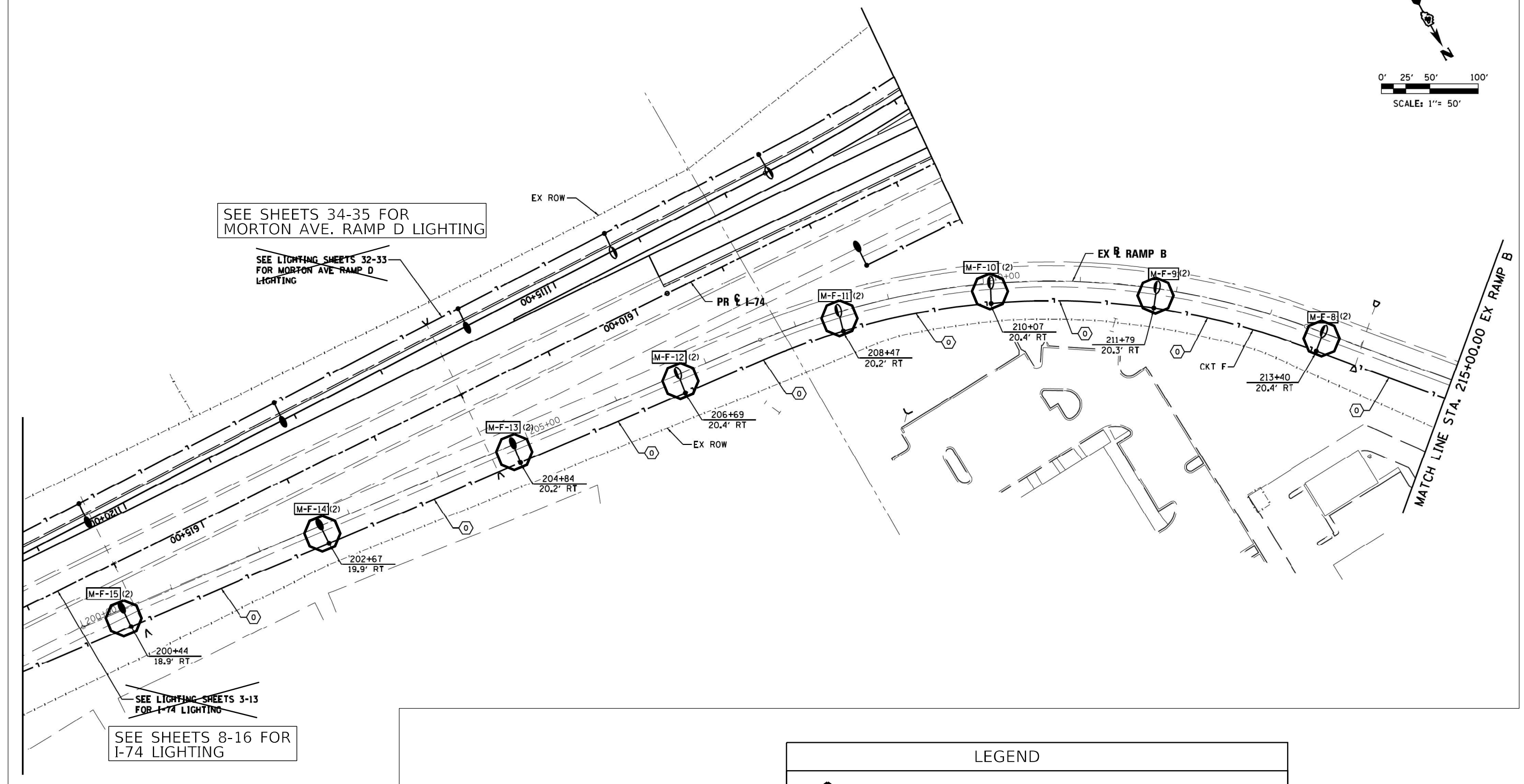
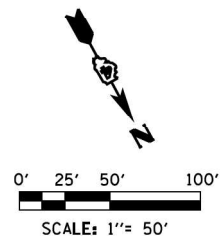
MORTON AVE. RAMP B LIGHTING PLANS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	32
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

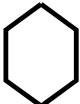


MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson\# 68J25 Morton Lighting LED\Morton LED (03-19-24).dgn

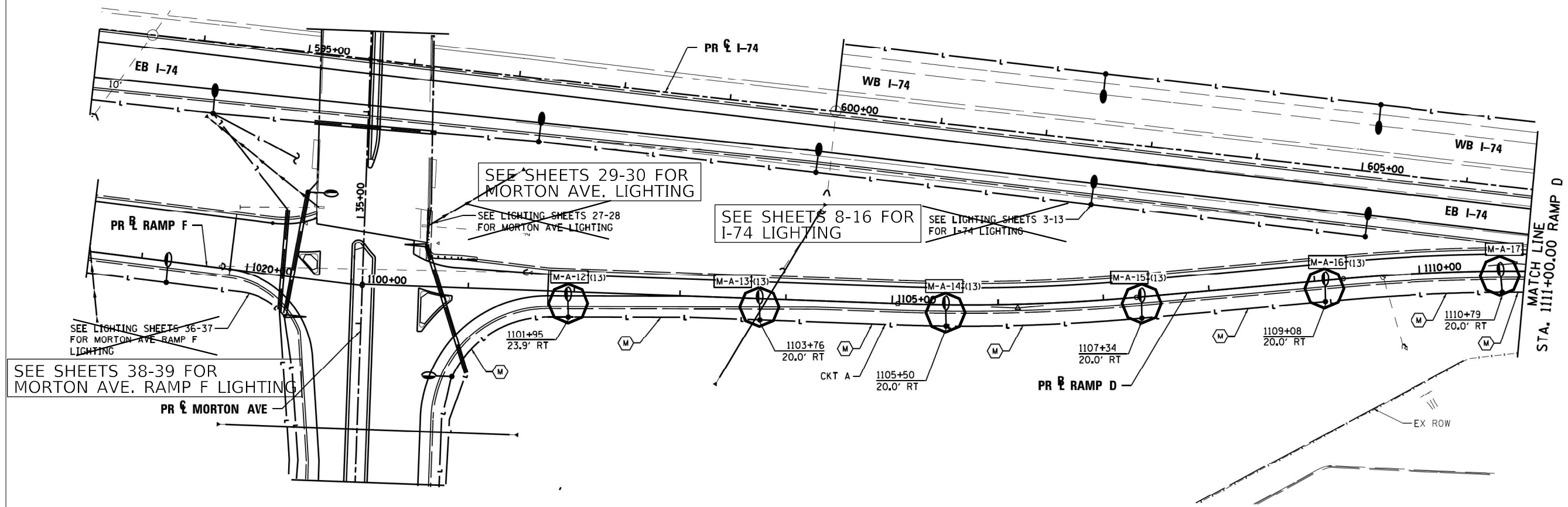
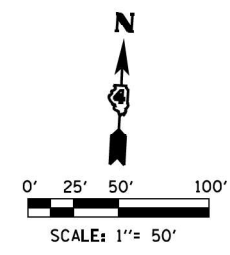
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

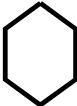




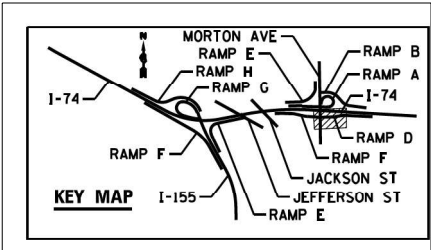
BILL OF MATERIALS		
SHEET 33		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8.0

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



BILL OF MATERIALS		
SHEET 34		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	6.0

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\4 6025 Morton Lighting LED\34.dgn

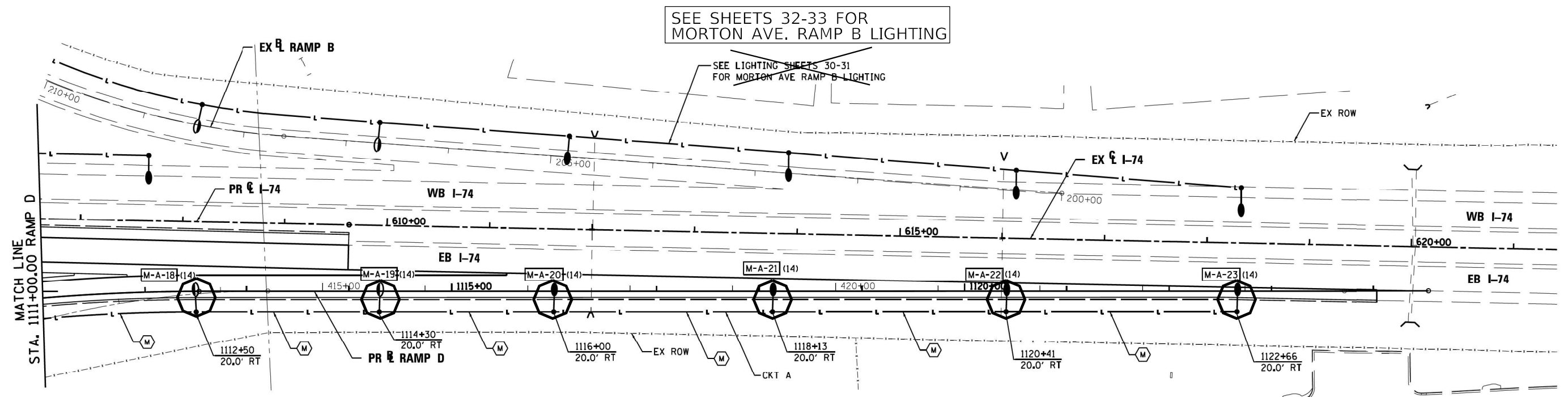
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 206,2628 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION




MORTON AVE. RAMP D LIGHTING PLANS

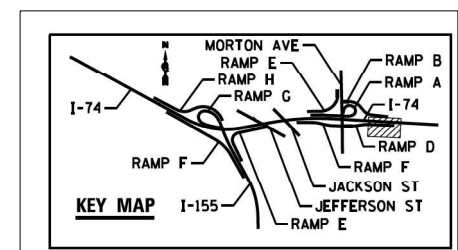
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	34
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

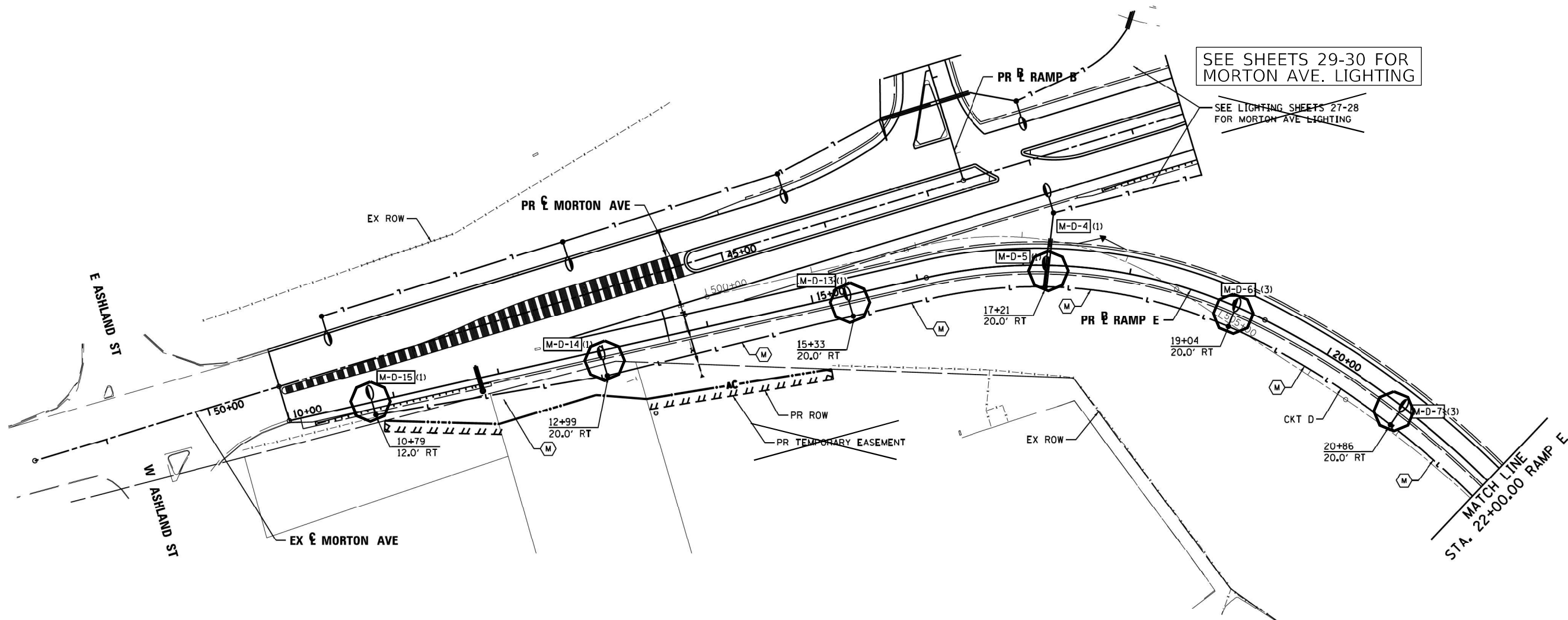
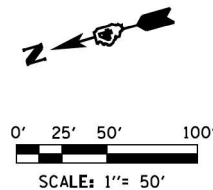


BILL OF MATERIALS		
SHEET 35		
DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	6.0

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



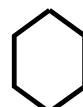


FILE NAME: S:\07-2024\07-2024-001\07-2024-001.dwg	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MORTON AVE.RAMP D LIGHTING PLANS (CONTINUED)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			74, 155	(9D-14)L-1	TAZEWELL	44	35	
	PLOT SCALE = 206,2628' / in.	CHECKED -	REVISED -			CONTRACT NO. 68J25					
	PLOT DATE = 3/19/2024	DATE -	REVISED -								
	SCALE:					SHEET OF SHEETS STA. TO STA.					
					ILLINOIS FED. AID PROJECT						

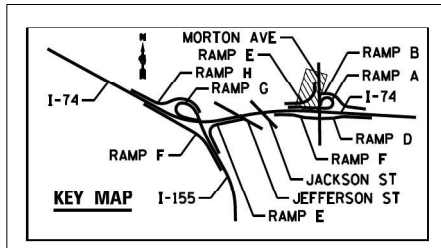


BILL OF MATERIALS  
SHEET 36

DESCRIPTION	UNIT	QTY.
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	6.0

LEGEND

-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
-  LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
-  UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

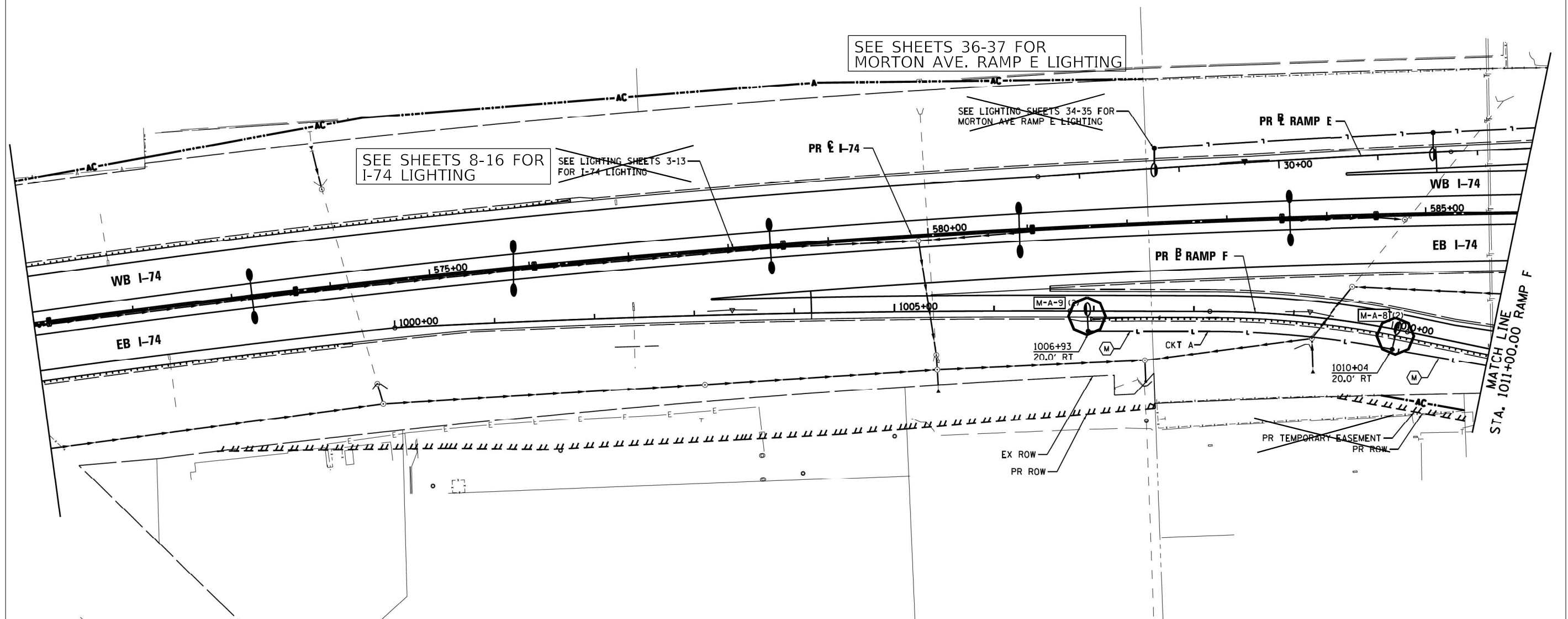
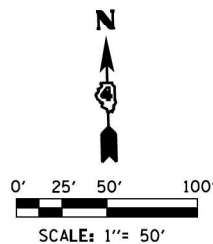
MORTON AVE. RAMP E LIGHTING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

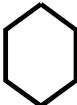


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	36
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

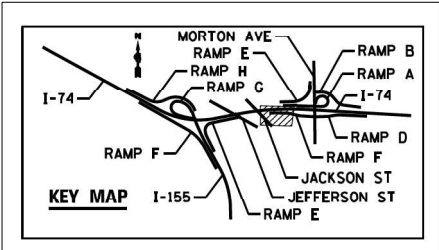






BILL OF MATERIALS			
SHEET 38			
DESCRIPTION	UNIT	QTY.	
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2.0	

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)



MODEL: Default  
FILE NAME: 3025WINWORD\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

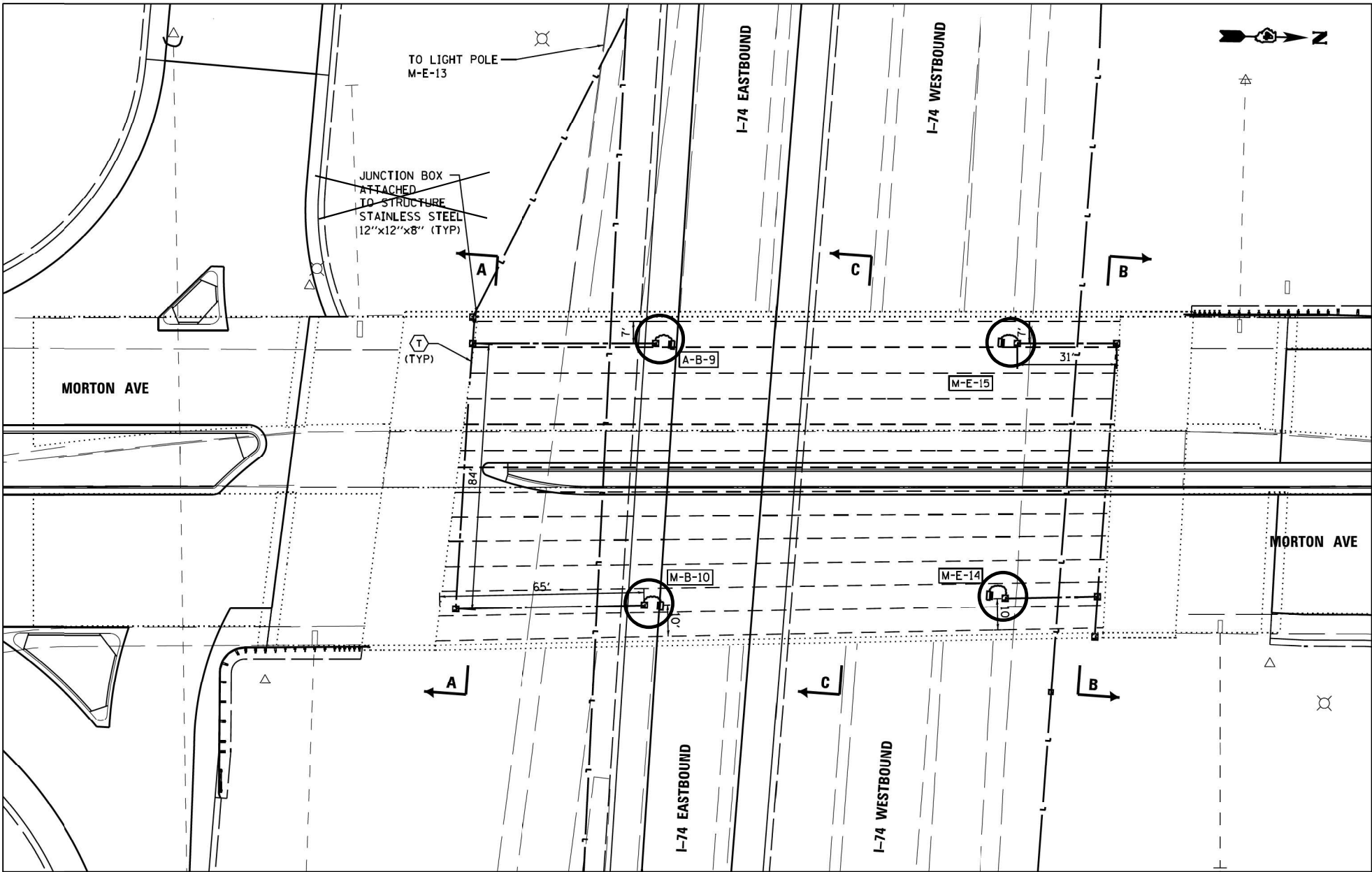
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MORTON AVE. RAMP F LIGHTING PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	38
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				





UNDERDECK LIGHTING PLAN

BILL OF MATERIALS		
SHEET 40		
DESCRIPTION	UNIT	QTY.
UNDERPASS LUMINAIRE (SPECIAL)	EACH	4.0

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)

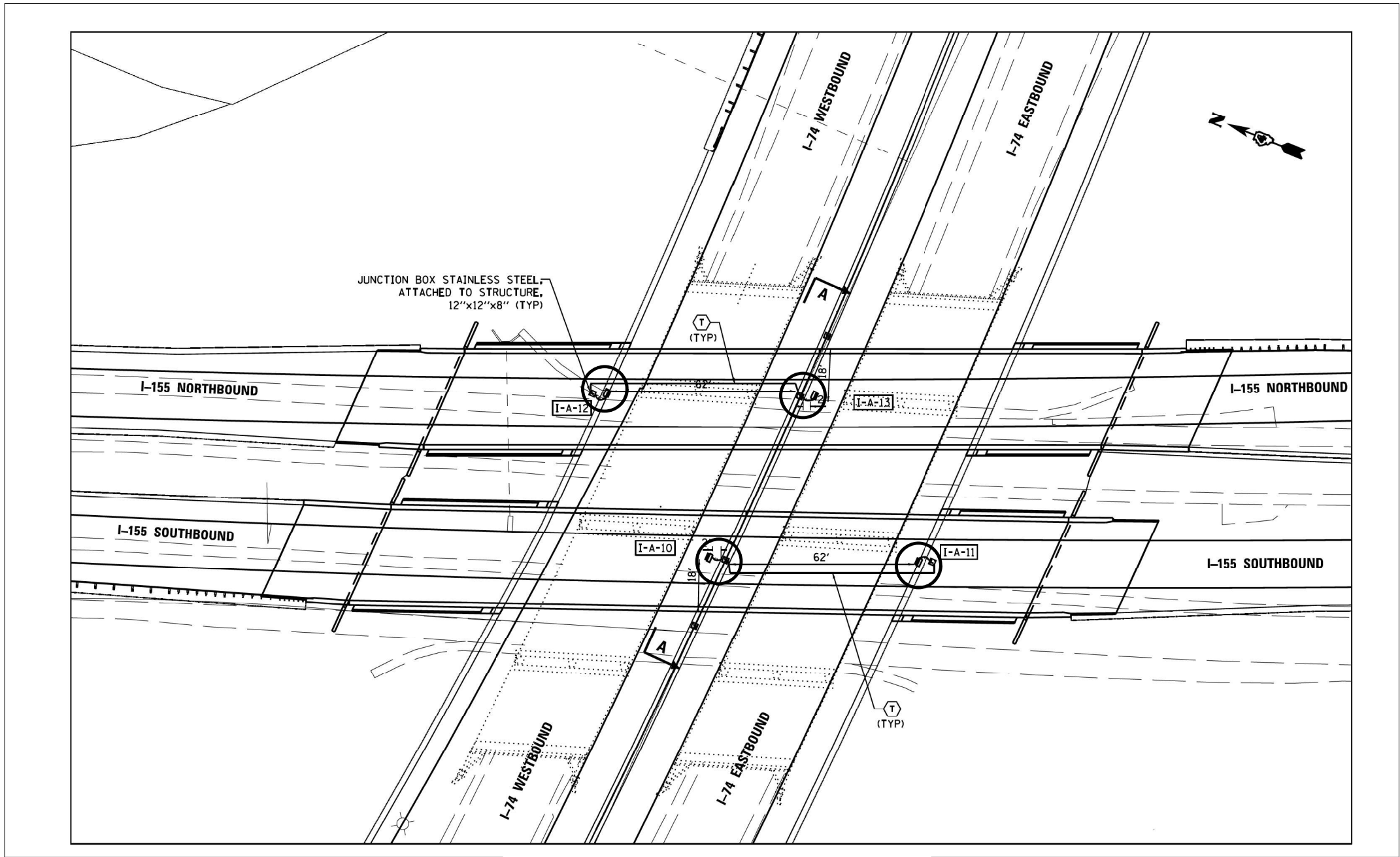
MODEL: Default  
FILE NAME: S:\GENWIN\WORK\DESIGN\AN\Hanson\# 68025 Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 UNDERDECK LIGHTING AT MORTON AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	40
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



UNDERDECK LIGHTING PLAN – I-155 OVER I-74

BILL OF MATERIALS		
SHEET 41		
DESCRIPTION	UNIT	QTY.
UNDERPASS LUMINAIRE (SPECIAL)	EACH	4.0

LEGEND	
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 2.0) ON EX. LIGHT POLE
	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H (QTY. 1.0) ON EX. LIGHT POLE
	UNDERPASS LUMINAIRE (SPECIAL) (QTY. 1.0)

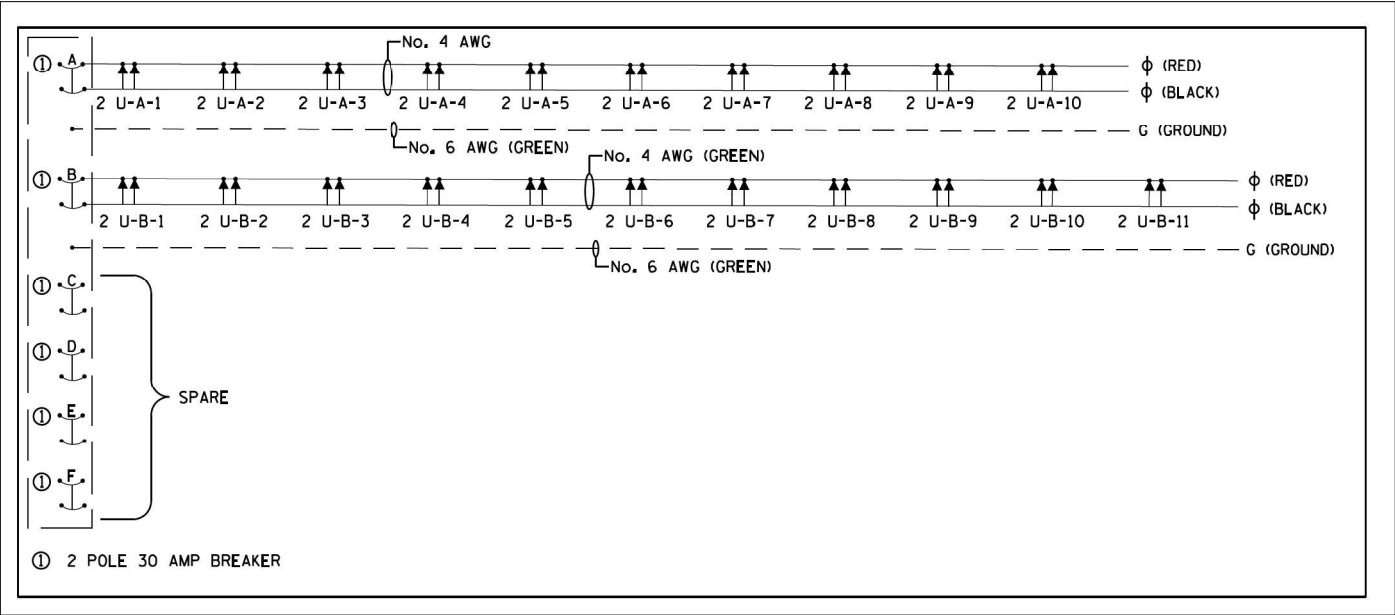
MODEL: Default  
FILE NAME: S:\ENR\IN\WORD\DESIGN\AN\Hanson# 68J25\_Mortco Lighting LED\Mortco LED (03-19-24).dgn

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-74 UNDERDECK LIGHTING AT I-155			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	41
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				



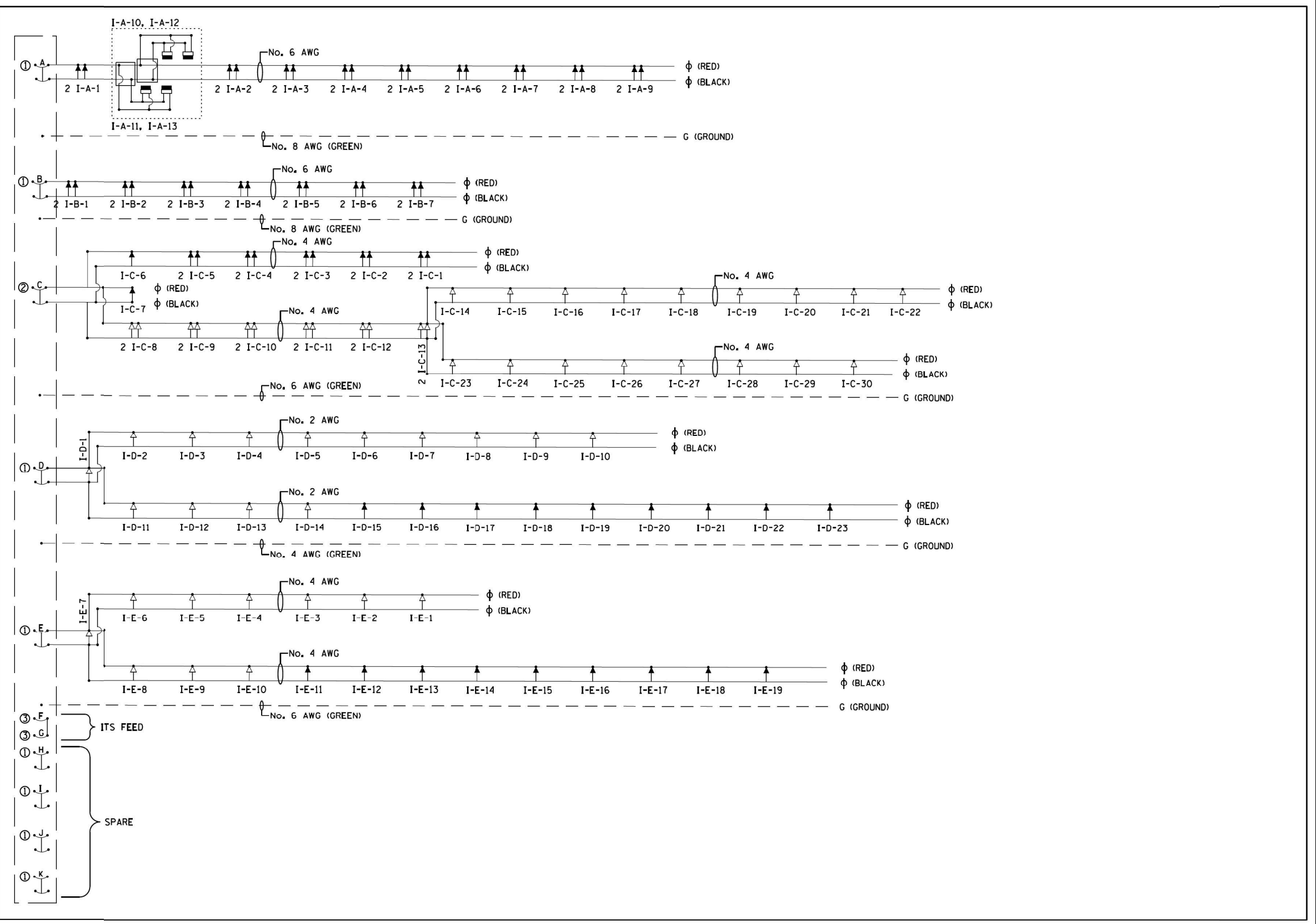
I-74 / MUELLER ROAD  
LIGHTING CONTROLLER "U" SCHEMATIC

LEGEND	
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
■	UNDERPASS LUMINAIRE (SPECIAL)

MODEL: Default  
FILE NAME: S:\ENVI\WORK\DESIGN\AN\Hanson\# 68125\_Morton\_Lighting\_LED\Morton\_LED\_03-19-24.dgn

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX. LIGHTING WIRING SCHEMATIC		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				74, 155	(90-14)I-1	TAZEWELL	44	42
	PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 68125				
	PLOT DATE = 3/19/2024	DATE -	REVISED -				SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT





I-74 / I-155 INTERCHANGE  
LIGHTING CONTROLLER "I" SCHEMATIC

LEGEND			
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H		
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H		
■	UNDERPASS LUMINAIRE (SPECIAL)		

MODEL: Default  
FILE NAME: SCHEMATIC\I-74\_I-155\_INTERCHANGE\_LIGHTING\_CONTROLLER\_I.dgn  
DATE: 3/19/2024

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

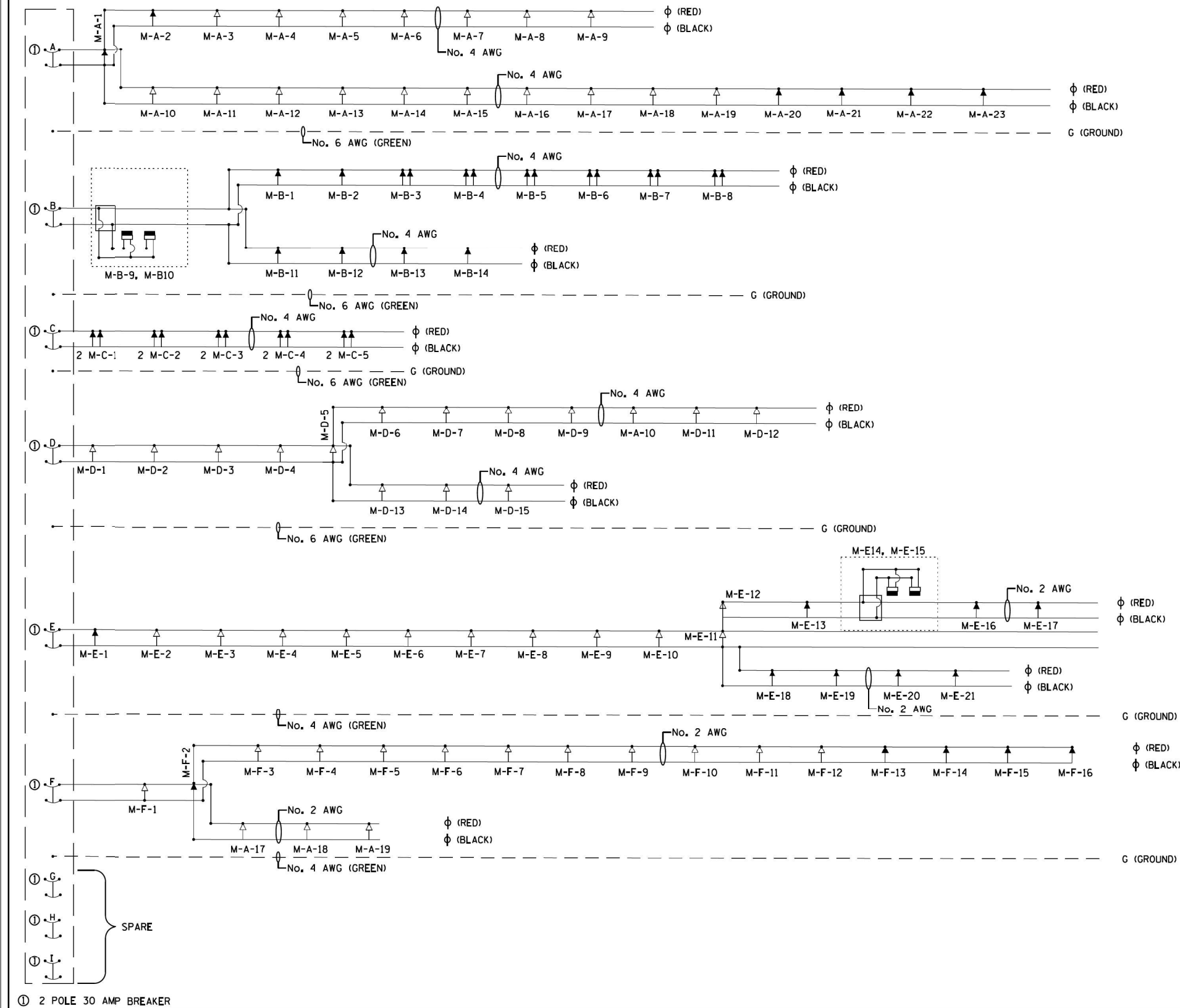
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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EX. LIGHTING WIRING SCHEMATIC (CONTINUED)			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	43
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				

I-74 / I-155 INTERCHANGE  
LIGHTING CONTROLLER "M" SCHEMATIC

LEGEND			
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H		
↑	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H		
■	UNDERPASS LUMINAIRE (SPECIAL)		



MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\Hanson\# 68J25\_Morton Lighting LED\Morton LED (03-19-24).dgn

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 206,2628 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EX. LIGHTING WIRING SCHEMATIC (CONTINUED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74, 155	(90-14)I-1	TAZEWELL	44	44
CONTRACT NO. 68J25				
ILLINOIS FED. AID PROJECT				