06-16-2023 LETTING ITEM 211

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAS ROUTE 944 (US 60 & 62) OVER MISSISSIPPI RIVER **SECTION 138D(I-10)** PROJECT HBFP-XFA2(979) **NAVIGATION LIGHT UPGRADE** ALEXANDER COUNTY IL /MISSISSIPPI COUNTY MO

C-99-079-22

FOR INDEX OF SHEETS, SEE SHEET NO. 3 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

TRAFFIC DATA

FAS 944 (US 60 &62) 2020 ADT = 278026.1% TRUCKS

TOWNSHIPS

CAIRO

POSTED SPEED: 55 MPH

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

1-800-892-0123

J.U.L.I.E.

PROJECT ENGINEER: GRANT DETERDING

R.1E. TO (55) TO WICKLIFFE, KY **R1W** COUNTY Cairo POP. 2,831 FORT DEFIANCE CAIRO MISSISSIPPI BRIDGE 60 TO CHARLESTON, MO R 1 E SN 002-0005

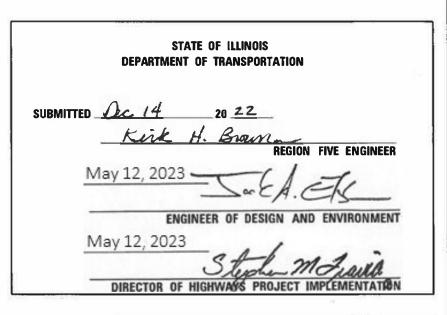
T.18S

GROSS LENGTH = 5181.4 FT.,

1380(1-10) CONTRACT NO. 78964

D-99-059 -22





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 78964

REV. - MS

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By:

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

DISTRICT OPERATIONS ENGINEER

Examined By:

Examined By:

Daylo 3 July DISTRICT CONSTRUCTION ENGINEER

Examined By:

USER NAME = Ehren, Kirby	DESIGNED .	REVISED -
	DRAWN +	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED .	REVISED -
PLOT DATE = 12,7/2022	DATE -	REVISED -

STATI	E 01	F ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

		F.A.S. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.	
GNATURE SE	1EE I		944	138D(I-10)	ALEXANDER	16	2
					CONTRACT	NO. 78	3964
SHEETS	STA	TO STA		The more Leep 1	ID ADOLEST		

LIGHTING LEGEND:

	⊠ R	EXISTING CONTROLLER TO BE REMOVED.
	O R	EXISTING JUNCTION BOX TO BE REMOVED.
		EXISTING CABLE AND CONDUIT TO BE REMOVED.
	Ø R	EXISTING NAVIGATIONAL LIGHT TO BE REMOVED.
		PROPOSED NAVIGATION OBSTRUCTION LIGHTING CONTROLLER.
	O	PROPOSED JUNCTION BOX, SIZE AS NOTED ON PLAN.
_		PROPOSED CABLE AND CONDUIT, SIZE AS NOTED ON PLAN.
	\mathbf{M}_{R}	PROPOSED RED NAVIGATIONAL LIGHT, LED, 180°.
	\mathbf{Q}_{G}	PROPOSED GREEN NAVIGATIONAL LIGHT, LED, 360°.
	\mathbf{M}_{W}	PROPOSED WHITE NAVIGATIONAL LIGHT, LED, 180°.

BILL OF MATERIALS:

ITEM DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	25
CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA. STAINLESS STEEL	FOOT	80
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	3,690
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 6" X 4"	EACH	4
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	6
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4,176
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	7,584
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	6
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED, 180 DEGREE RED	EACH	8
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED, 360 DEGREE GREEN	EACH	2
OBSTRUCTION WARNINGLIGHTINGCONTROLLER	EACH	1
REMOVAL OF OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1
ACCESS LADDER	EACH	2
MAINTENANCE OF NAVIGATION LIGHTING SYSTEM	CAL MO	6

CABLE/CONDUIT SCHEDULE:

- ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
 2-1C NO.6, 1/C NO.8 GROUND IN 2" DIA., GALVANIZED
 STEEL CONDUIT ATTACHED TO STRUCTURE.
- BLECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
 2-1C NO.8, 1/C NO.8 GROUND IN 3/4" DIA., GALVANIZED
 STEEL CONDUIT ATTACHED TO STRUCTURE.

HIGHWAY STANDARDS

000001-08_STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001 001006_DECIMALOFINCH-FOOT 701001-02_OFFRDOP-2L2W-15FTMINFROMEOP 701006-05_OFFRDOP-2L2W-15FTTOEOP 701901-08_TRAFCNTRLDEVICES 826001-03_OBSTRUCTIONWARNLIGHTINGCONTROLLER240V BLR21-9_TYPAPPTRAFCNTRLDEVICES-CONSTRONRURALLOCALHWYS 805001-01_ELECTRICAL SERVICE INSTALLATION DETAILS

INDEX OF SHEETS

1	COVER SHEET

2 SIGNATURE SHEET

3 (L-1)
BILL OF MATERIALS, CABLE/CONDUIT SCHEDULE, GENERAL NOTES,
HIGHWAY STANDARDS, INDEX OF SHEETS, JUNCTION BOX SCHEDULE,
AND LIGHTING LEGEND,

4-5 SUMMARY OF QUANTITIES

TRAFFIC CONTROL PLAN-MESSAGE BOARD PLACEMENT

7 (L-2) NAVIGATION LIGHTING REMOVAL PLAN.

8 (L-3) NAVIGATION LIGHTING REMOVAL PLAN.

9 (L-4) PROPOSED NAVIGATION LIGHTING PLAN.

10 (L-5) PROPOSED NAVIGATION LIGHTING PLAN.

1 (L-6) WIRING DIAGRAM.

12 (L-7) LIGHTING DETAILS.

13 (L-8) LIGHTING DETAILS.

16

14 EXISTING / PROPOSED WHITE NAVIGATIONAL OBSTRUCTION LIGHTING ASSEMBLY

15 PROPOSED WHITE NAVIGATIONAL OBSTRUCTION LIGHTING ASSEMBLY DETAILS

LADDER ATTACHEMENT DETAILS

GENERAL NOTES:

- THE CONTRACTOR SHALL STAGE THE REMOVAL OF THE EXISTING NAVIGATION LIGHTING AND THE INSTALLATION OF NEW NAVIGATION LIGHTING SO AS TO MAINTAIN CONTINUOUS OPERATION OF THE NAVIGATION LIGHTING SYSTEM.
- 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.
- THE CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE LIQUID TIGHT CONDUIT AS REQUIRED FOR THE PROPOSED LIGHTING INSTALLATION. THE COST OF THE FLEXIBLE LIQUID TIGHT CONDUIT SHALL BE INCLUDED IN THE COST OF THE PROPOSED CONDUIT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED TO ATTACH THE CONDUITS AND JUNCTION BOXES TO THE STRUCTURE, INCLUDING, BUT NOT LIMITED TO UNI-STRUT, BRACKETS, FLEXIBLE LIQUID TIGHT CONDUIT, LB CONDUIT, FITTINGS, HARDWARE, AND OTHER MISCELLANEOUS ITEMS. THESE ITEMS SHALL BE STAINLESS STEEL OR HOT-DIPPED GALVANIZED STEEL AND WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE CONDUIT ATTACHED TO STRUCTURE AND JUNCTION BOX PAY ITEMS.
- 5. CONDUIT ATTACHMENT BRACKETS SHALL BE INSTALLED AT 8 FT. SPACINGS (MAXIMUM) ON STRUCTURES.
- 6. THE CONTRACTOR SHALL FURNISH AND INSTALL EXPANSION/DEFLECTION COUPLINGS (OR OTHER EQUIPMENT AND METHODS AS APPROVED BY THE ENGINEER) FOR ALL BRIDGE JOINTS AS SHOWN ON THE PLAN SHEETS AND DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED CONDUIT.
- 7. ALL FLEXIBLE LIQUID TIGHT CONDUIT SHALL BE NON-METALLIC AND SHALL INCLUDE CONNECTORS WITH INTEGRAL STAINLESS STEEL KELLUM GRIPS AT THE ENDS FOR INCREASED STRENGTH AND DURABILITY.
- 8. ALL CONDUIT ATTACHMENT BRACKETS AND HARDWARE SHALL BE STAINLESS STEEL.
-). THE CONTRACTOR SHALL INSTALL THREAD LOCKER ON ALL ATTACHED GALVANIZED CONDUIT THREADED CONNECTIONS TO PREVENT LOOSENING THROUGH VIBRATION.

COMMITMENTS:

MODOT AND KYTC CONTACT REQUIREMENTS; SEE SPECIAL PROVISIONS

JUNCTION BOX SCHEDULE:

JB1	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 6" X 4"
JB2	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"

REV. - MS

L-1

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 USER NAME =
 DESIGNED - MKR
 REVISED

 CHECKED - MKR
 REVISED

 PLOT SCALE =
 DRAWN - MRT
 REVISED

 PLOT DATE =
 CHECKED REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS, CABLE/CONDUIT SCHEDULE, GENERAL NOTES,
HIGHWAY STANDARDS, INDEX OF SHEETS, JUNCTION BOX SCHEDULE,
AND LIGHTING LEGEND
SHEET OF SHEETS

 F.A.S. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEE NO.

 944
 138D(I-10)
 ALEXANDER
 16
 3

 CONTRACT NO.
 78964

4/6/2023 2:20:07 PM

SUMMARY OF QUANTITIES

COUNTY:	ALEXANDER CO	MISSISSIPPI CO
ROUTE:	US 60 & 62	US 60 & 62
FUNDING:	80% FEDERAL / 20% STATE	100% MISSOURI
LOCATION:	SN 002-0005	SN 002-0005
TOTAL	LIGHTING	LIGHTING
QUANTITY	0021	0021
7	3.5	3.5
1	0.5	0.5

			LOCATION:	SN 002-0005	SN 002-0005
CODE	ITEM DESCRIPTION	UNIT	TOTAL	LIGHTING	LIGHTING
NUMBER	THE BESON THON		QUANTITY	0021	0021
			 _ 		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	3.5	3.5
67100100	MORELIZATION	L CHA	1	0.5	0.5
67100100	MOBILIZATION	L SUM	1	0.5	0.5
X7010238	CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL MO	6	3	3
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	0.5	0.5
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	25	12.5	12.5
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 DIA.	FOOT	23	12.3	12.5
81100453	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA. STAINLESS STEEL	FOOT	80	40	40
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	3,690	1,845	1,845
01200210	HINGTON BOX CTANNESS STEEL ATTACHED TO STRUCTURE ON Y SHAW AN	FACU		2	
81300310	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 6" X 4"	EACH	4	2	2
81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	6	3	3
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4,176	2,088	2,088
			<u> </u>		
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	7,584	3,792	3,792
82200605	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	6	3	3
82200608	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED, 180 DEGREE RED	EACH	8	4	4
02200000	WATERWAY ORGERUCTION WARNING HIMMNARE LED 200 DECREE CREEN	54611		1	
82200609	WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED, 360 DEGREE GREEN	EACH	2	1	1

REV. - MS

USER NAME = Ehren.Kirby	DESIGNED -	REVISED -								F.A.S.	SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS					IANTITIES		944	138D(I-10)	ALEXANDER	16	4
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	NO. 7	8964
PLOT DATE = 4/6/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

SUMMARY OF QUANTITIES - CONT

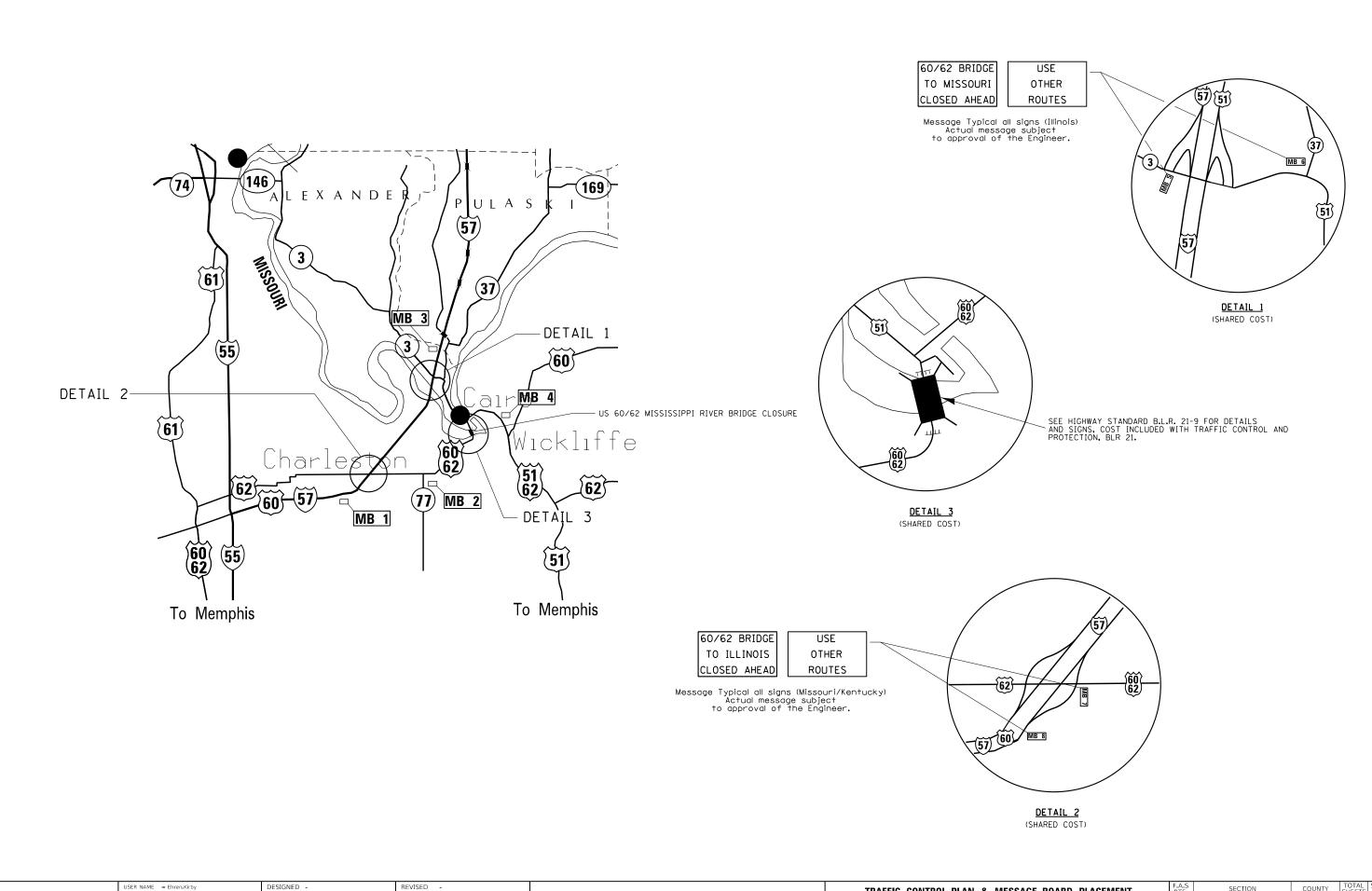
COUNTY:	ALEXANDER CO	MISSISSIPPI CO
ROUTE:	US 60 & 62	US 60 & 62
FUNDING:	80% FEDERAL / 20% STATE	100% MISSOURI
LOCATION:	SN 002-0005	SN 002-0005
TOTAL	LIGHTING	LIGHTING

				80% FEDERAL / 20% STATE	100% MISSOURI
			LOCATION:	SN 002-0005	SN 002-0005
CODE	ITEM DESCRIPTION	UNIT	TOTAL	LIGHTING	LIGHTING
NUMBER	TIEM DESCRIPTION	ONIT	QUANTITY	0021	0021
82600106	OBSTRUCTION WARNINGLIGHTINGCONTROLLER	EACH	1	0.5	0.5
02000100	OBSTRUCTION WARNINGEIGHTINGCONTROLLER	LACIT	1	0.5	0.5
84301201	REMOVAL OF OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1	0.5	0.5
X0325941	ACCESS LADDER	EACH	2	1	1
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5
V02C0112	MANUTENANCE OF MANUCATION HOUTING CYCTEM	641.446		2	
X8260112	MAINTENANCE OF NAVIGATION LIGHTING SYSTEM	CAL MO	6	3	3
		1	<u> </u>		

REV. - MS

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
PLOT DATE = 4/6/2023	DATE -	REVISED -

							RTE. SECTION		
SUMMARY OF QUANTITIES CONT.						944	4	138D(I-10)	ALEXAN
									CONTR
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS FED. AI	D PROJECT



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PLOT DATE = 4/6/2023

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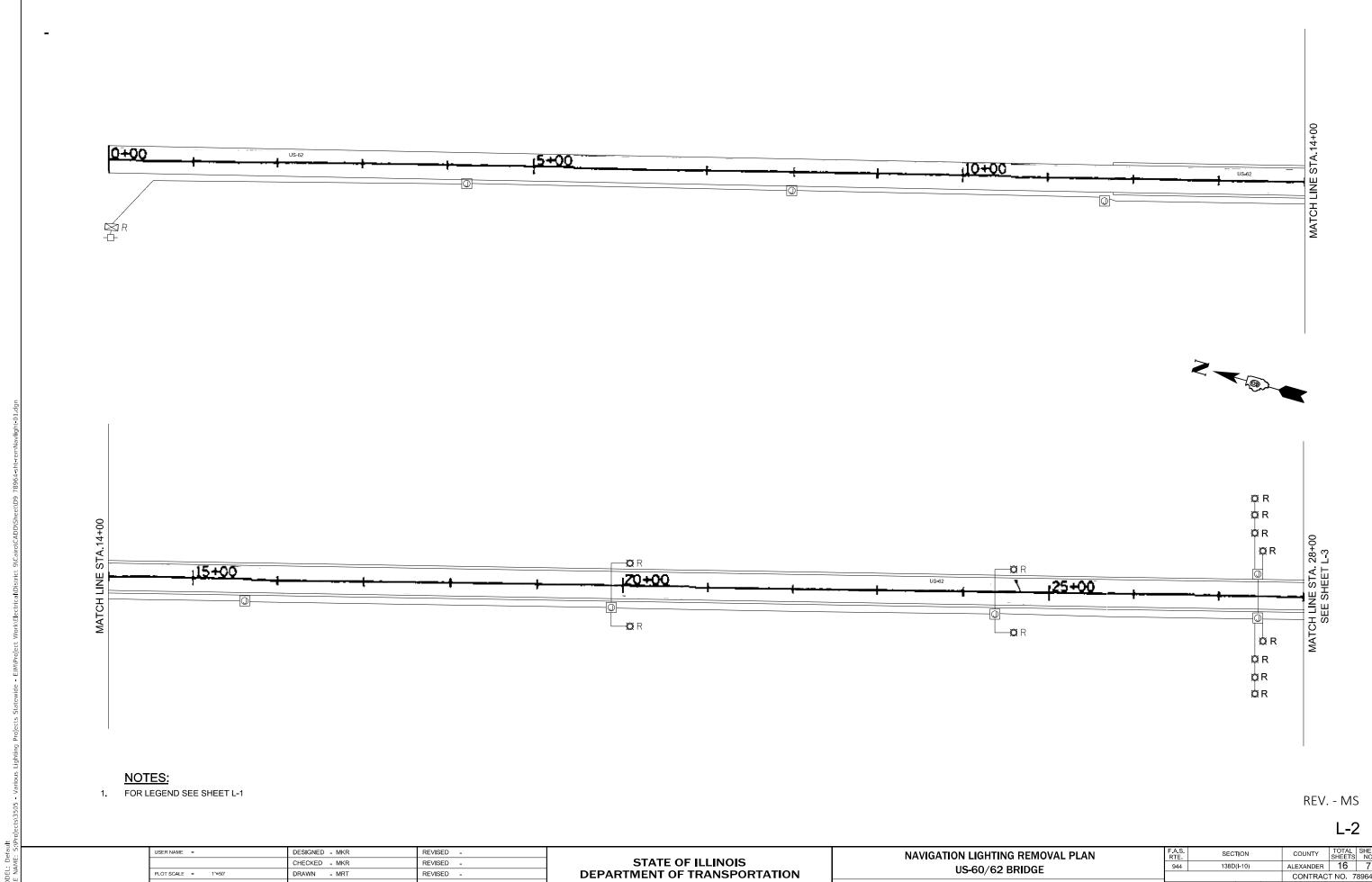
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL PLAN & MESSAGE BOARD PLACEMENT
SN 002-0005

SHEET OF SHEETS STA. TO STA.

SCALE:



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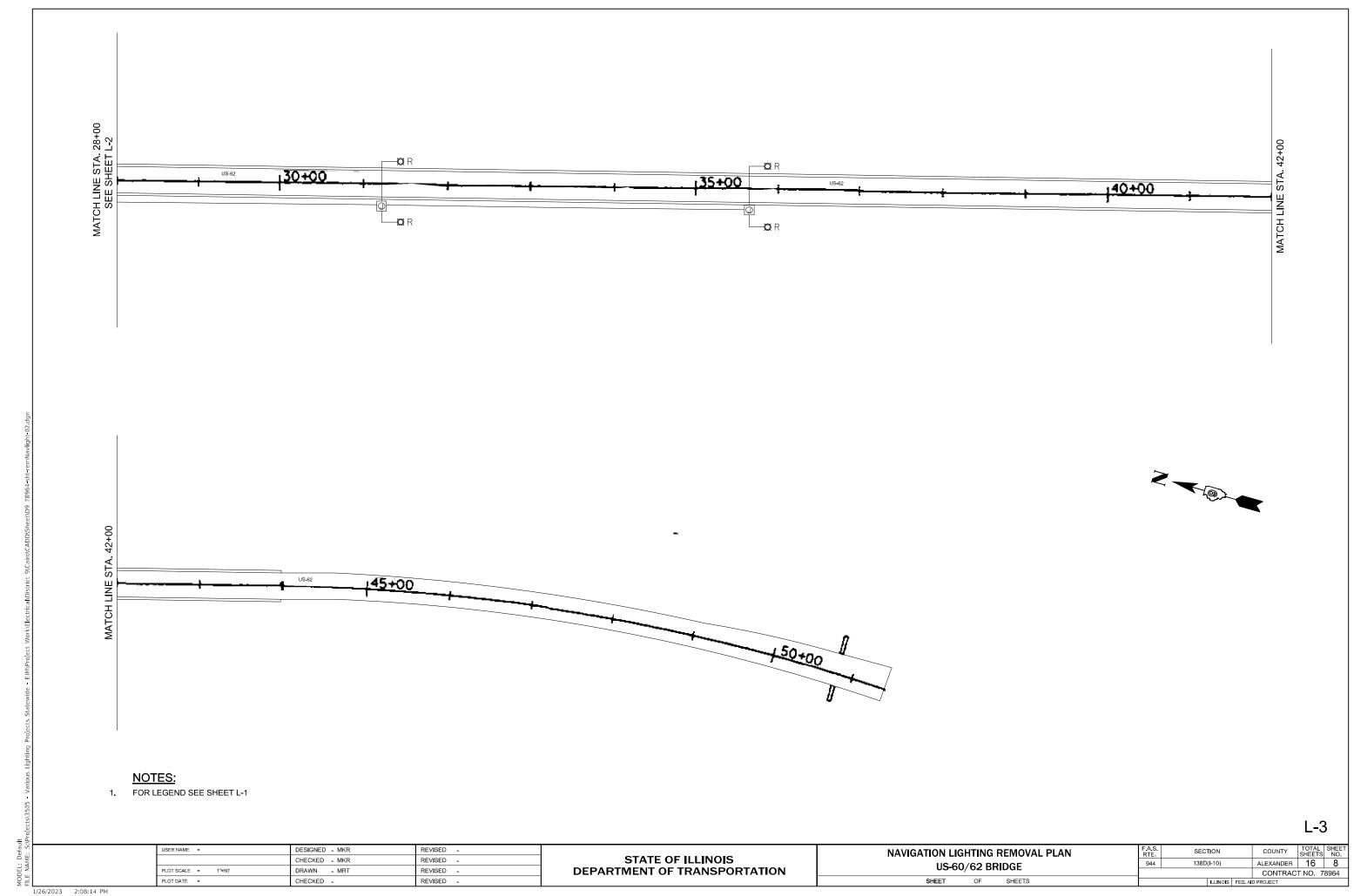
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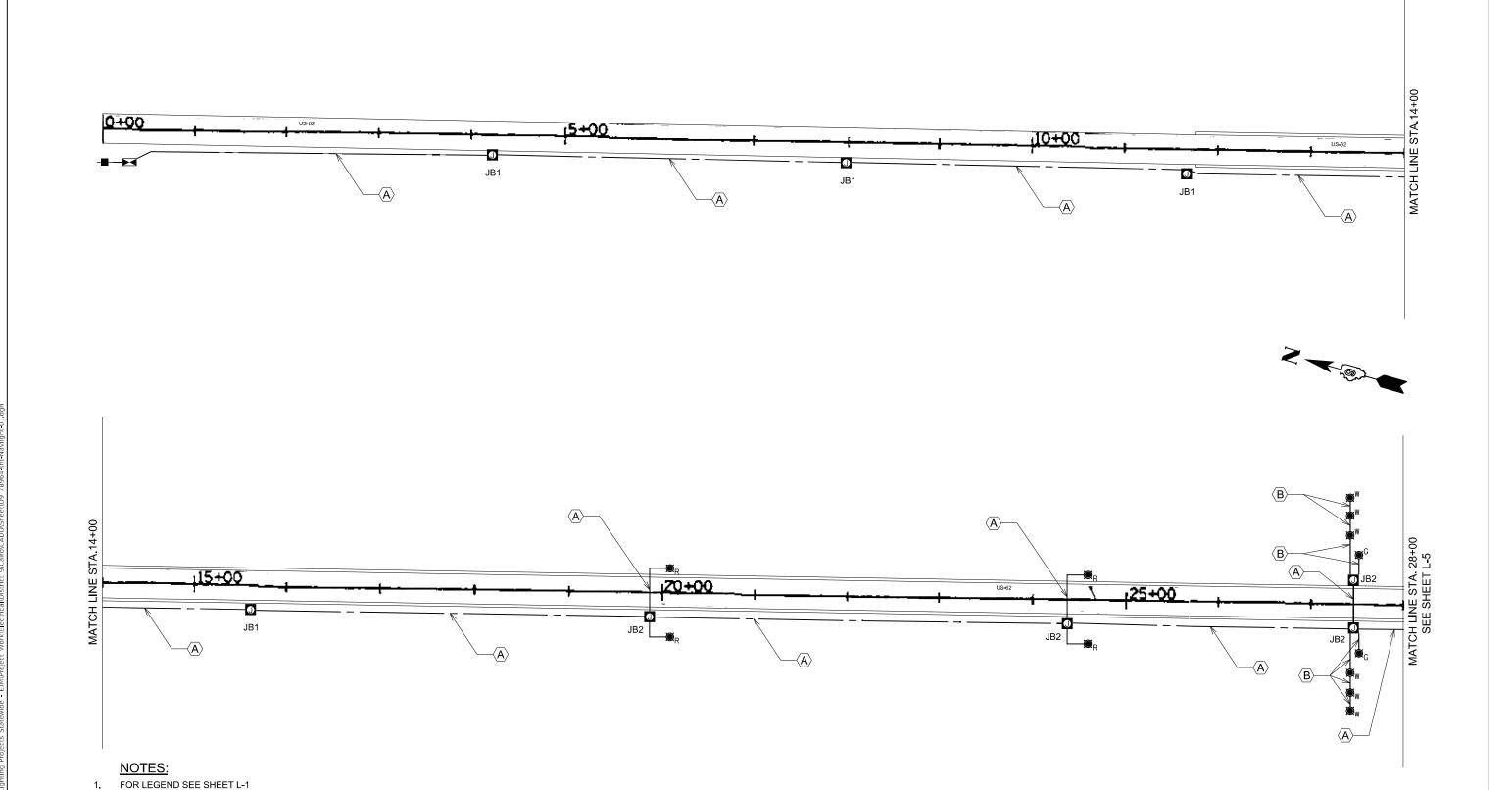
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US-60/62 BRIDGE SHEET OF SHEETS 138D(I-10)



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USER NAME = DESIGNED - MKR REVISED - STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

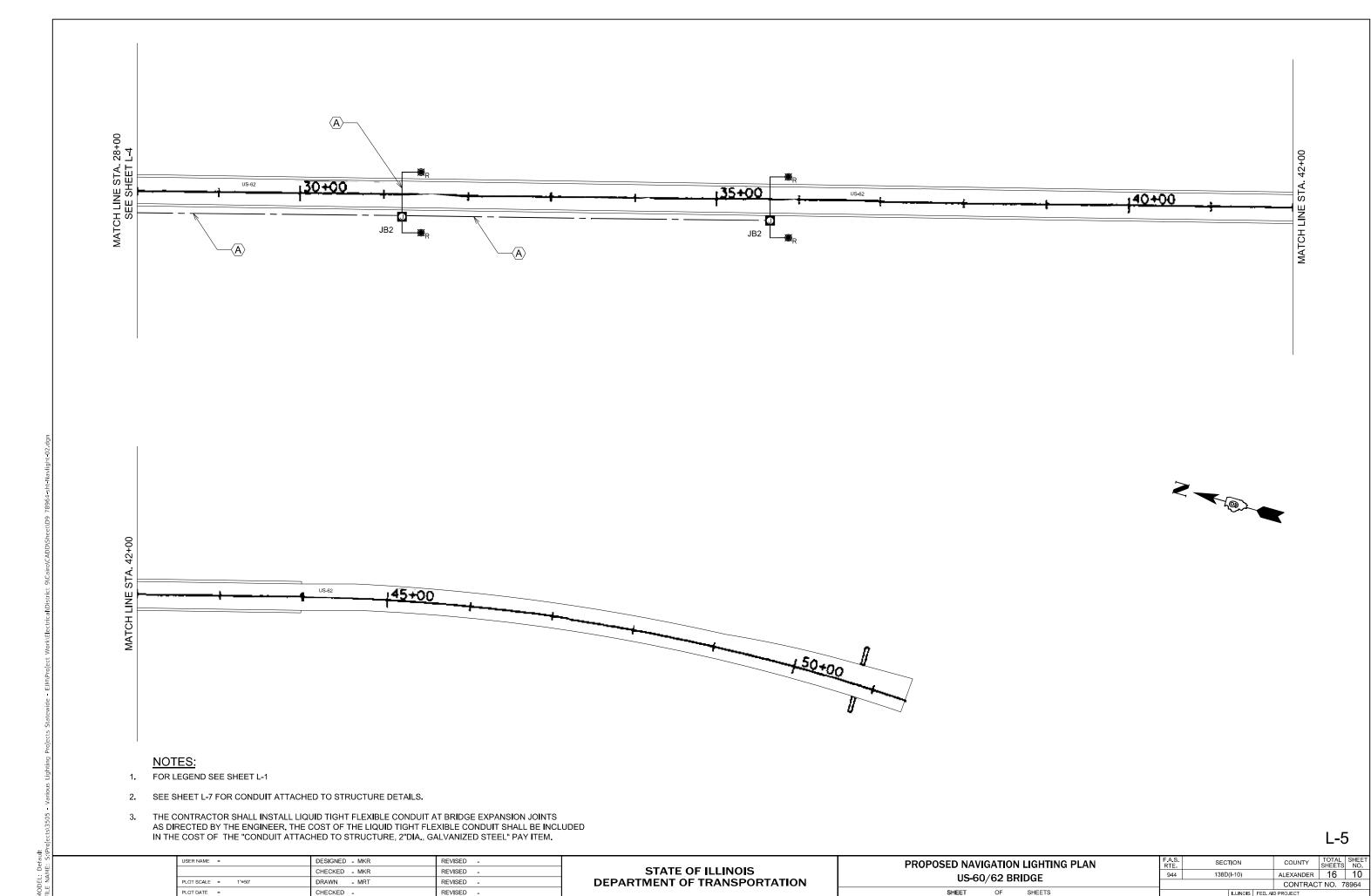
PLOT SCALE = 1"=50" DRAWN - MRT REVISED - REVISED -

COUNTY SHEETS NO. ALEXANDER 16 9

CONTRACT NO. 78964

SEE SHEET L-7 FOR CONDUIT ATTACHED TO STRUCTURE DETAILS.

3. THE CONTRACTOR SHALL INSTALL LIQUID TIGHT FLEXIBLE CONDUIT AT BRIDGE EXPANSION JOINTS AS DIRECTED BY THE ENGINEER. THE COST OF THE LIQUID TIGHT FLEXIBLE CONDUIT SHALL BE INCLUDED IN THE COST OF THE "CONDUIT ATTACHED TO STRUCTURE, 2"DIA., GALVANIZED STEEL" PAY ITEM.



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LEGEND

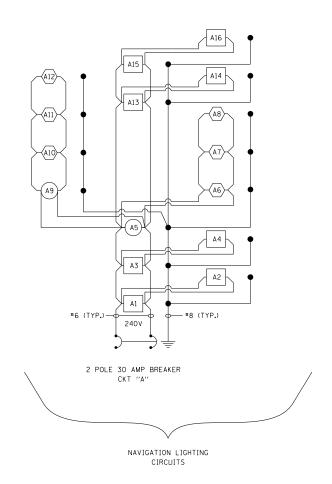
PROPOSED WHITE WATERWAY OBSTRUCTION WARNING LUMNIAIRE.

A* PROPOSED GREEN WATERWAY OBSTRUCTION WARNING LUMNIAIRE.

A# PROPOSED RED WATERWAY OBSTRUCTION WARNING LUMNIAIRE.

NOTES:

 ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

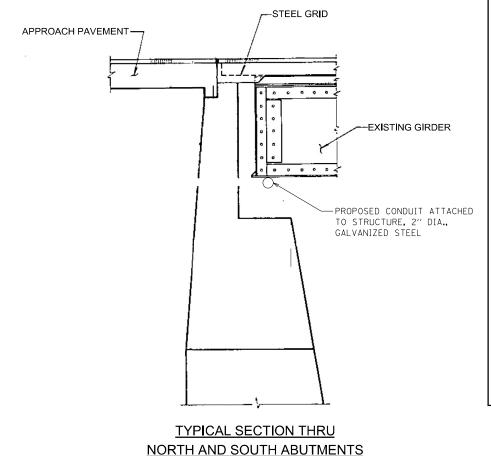


NAVIGATION OBSTRUCTION LIGHTING CONTROLLER CAIRO BRIDGE AT ILLINOIS END OF BRIDGE BASE MOUNT, 240V

COUNTY SHEETS NO.

ALEXANDER 16 11 USER NAME = DESIGNED - MKR REVISED -SECTION STATE OF ILLINOIS WIRING DIAGRAM CHECKED - MKR REVISED -944 138D(I-10) **DEPARTMENT OF TRANSPORTATION** PLOT SCALE = DRAWN - MRT REVISED -CONTRACT NO. 78964 PLOT DATE = CHECKED -SHEET OF SHEETS REVISED -

L-6





CONDUIT ATTACHED TO STRUCTURE DETAIL

NOTES:

1. ATTACH 2 INCH DIA GRS CONDUIT TO THE BOTTOM OF THE LOWER CORD IN THE TRUSS SPAN. THE CONDUIT SHALL BE SUPPORTED BY CONDUIT CLAMPS AT MAXIMUM SPACING INTERVALS OF 5 FT. CONDUIT SHALL BE SECURLY FASTENED WITHIN 3 FT. OF EACH JUNCTION BOX AND CONDUIT BODY.

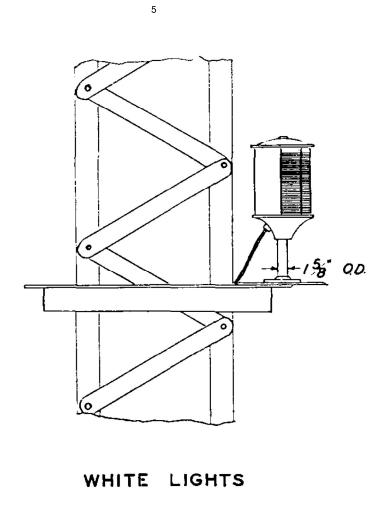


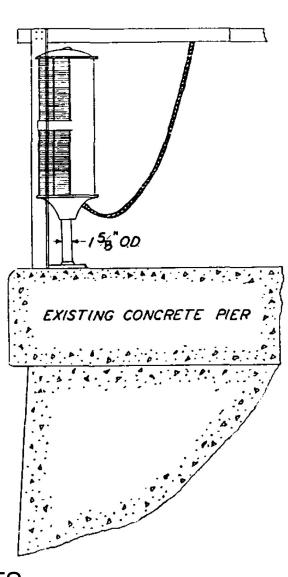
TYPICAL WHITE NAVIGATION LIGHT DETAIL

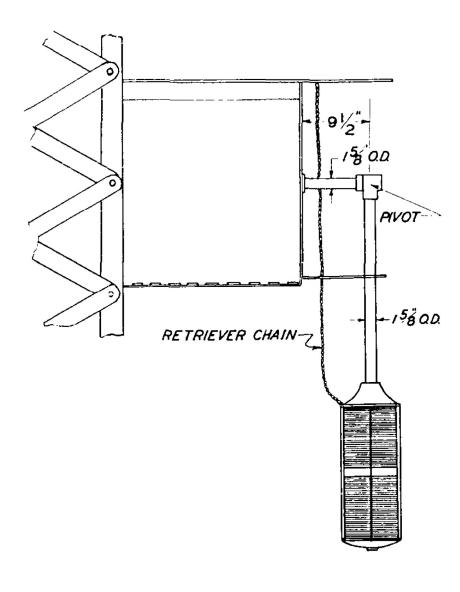
L-7

	USER NAME =	DESIGNED - MKR	REVISED -		NAVIGATION LIGHTING DETAILS		SECTION	COUNTY	TOTAL	SHEET NO.
		CHECKED - MKR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			138D(I-10)	ALEXANDER	16	12
	PLOT SCALE =	DRAWN - MRT	REVISED -				, ,	CONTRAC	T NO. 7	78964
	PLOT DATE =	CHECKED -	REVISED -		SHEET OF SHEETS		ILLINOIS FED.	AID PROJECT		

PROPOSED NAVIGATION LIGHTING INSTALLATION SHALL UTILIZE THE EXISTING NAVIGATION LIGHTING DETAILS SHOWN BELOW. SEE SHEET L-7 FOR ADDITIONAL DETAILS.





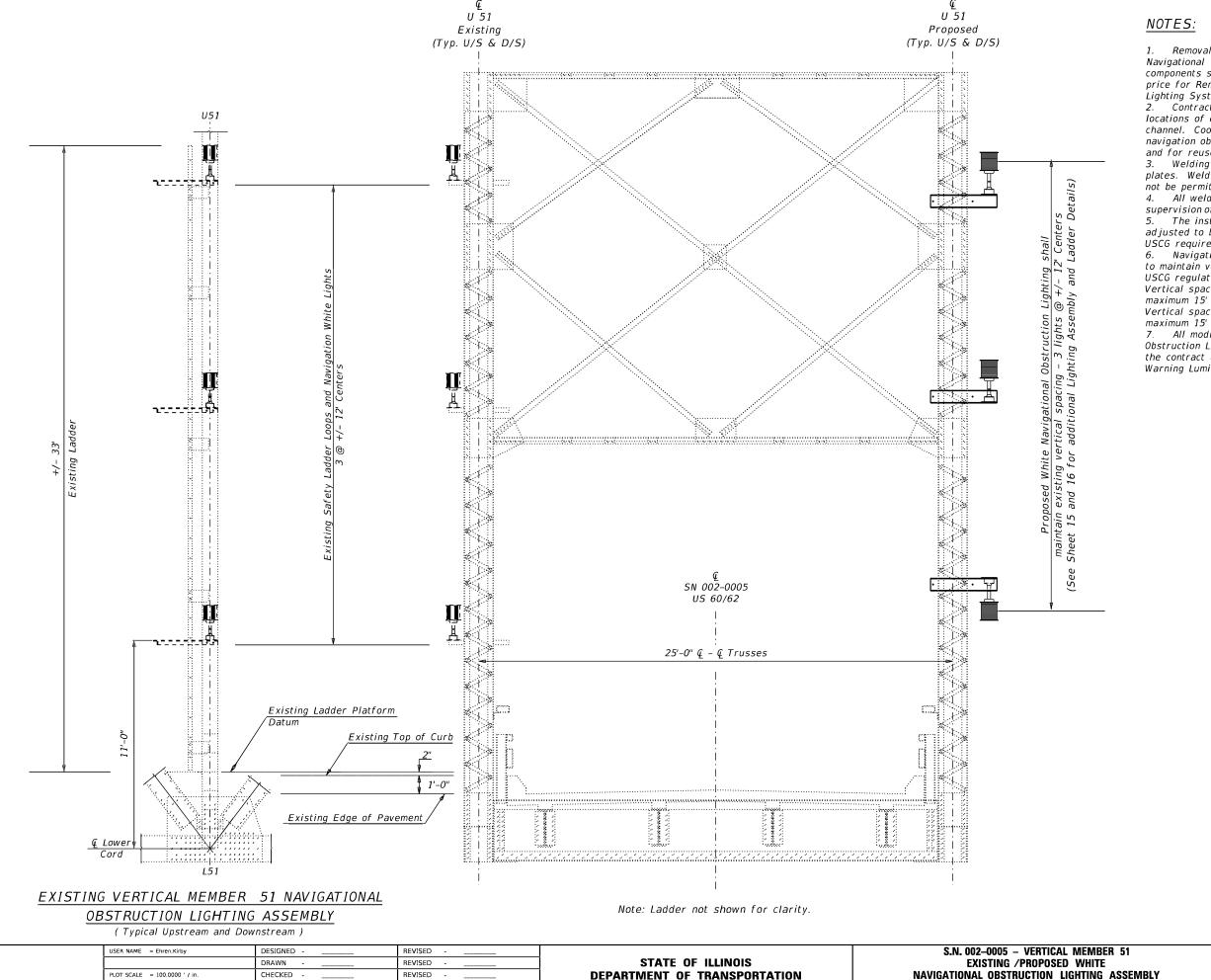


GREEN LIGHTS

L-8

DETAILS OF EXISTING NAVIGATION LIGHTS RED LIGHTS

USER NAME =	DESIGNED - MKR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.S. SECTION	COUNTY TOTAL SHEET
	CHECKED - MKR	REVISED -		NAVIGATION LIGHTING DETAILS	944 138D(I-10)	ALEXANDER 16 13
PLOT SCALE =	DRAWN - MRT	REVISED -			Ţ,, Ţ	CONTRACT NO. 78964
PLOT DATE =	CHECKED -	REVISED -		SHEET OF SHEETS	LILIN	IOIS FED AID PROJECT



REVISED

PLOT DATE = 4/7/2023

DATE

- Removal of existing Vertical Member 51
 Navigational Obstruction Light Assembly and associated components shall be included in the contract lump sum price for Removal of Navigation Obstruction Warning Lighting System.
 Contractor shall field verify dimensions and
- 2. Contractor shall field verify dimensions and locations of existing locking brackets and attachment channel. Coordinate with the installation of new navigation obstruction lighting for possible interferences and for reuse of components.
- 3. Welding shall only be permitted to the existing lock plates. Welding to the bridge structural members shall not be permitted.
- 4. All welding shall be performed under the supervision of the Resident Engineer.
- 5. The installed elevation of the green light shall be adjusted to be below the lowest bridge structure per USCG requirements.
- 6. Navigation Obstruction Lights shall be spaced to maintain vertical clearance between lights per USCG regulations.

Vertical spacing for upper three white lights: maximum 15'

Vertical spacing for lowest white light and green light: maximum 15'

7. All modifications required for installing Navigation Obstruction Lighting Assembly shall be included in the contract unit price per each for Waterway Obstruction Warning Luminaire, LED.

SECTION

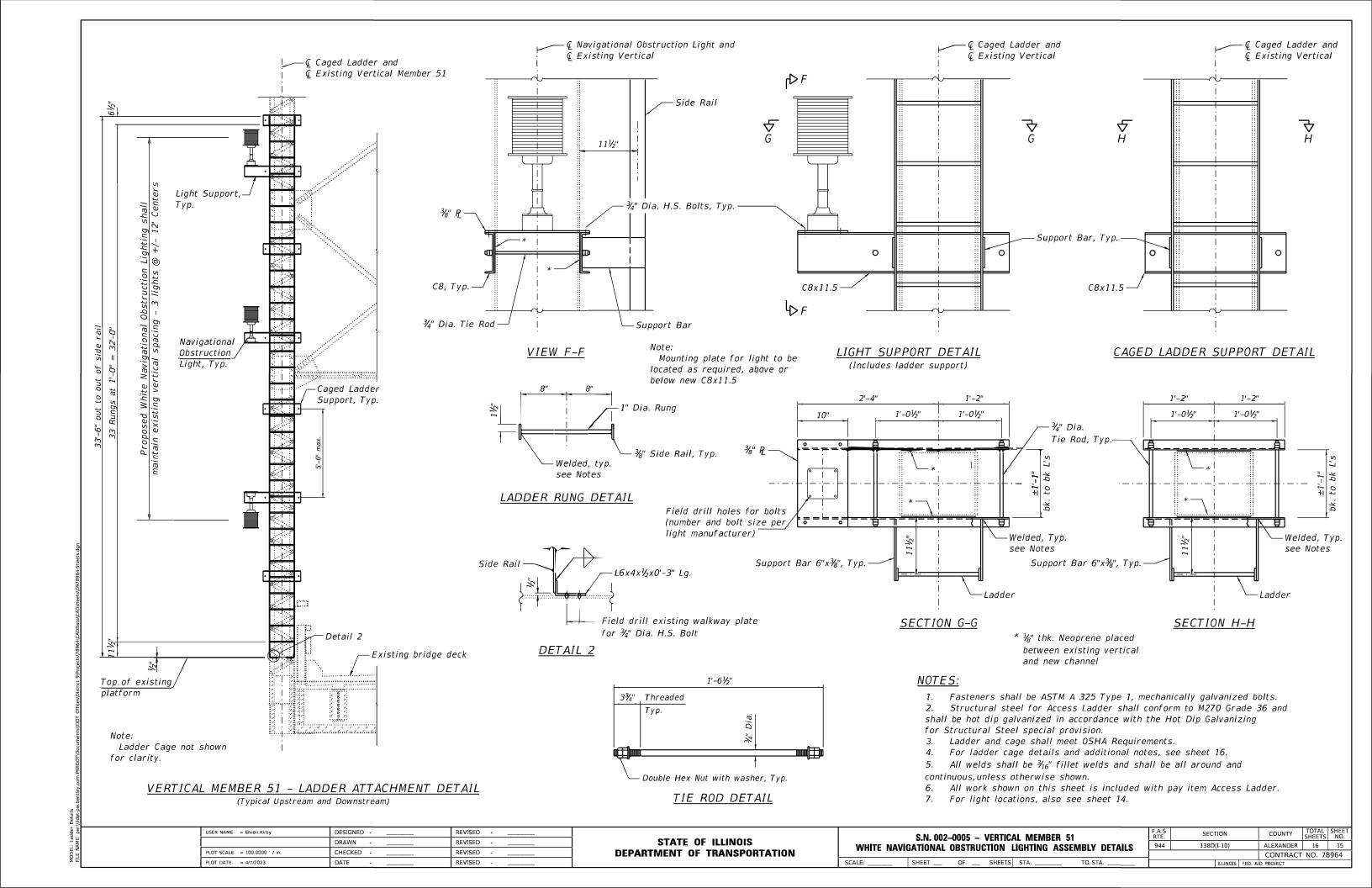
138D(I-10)

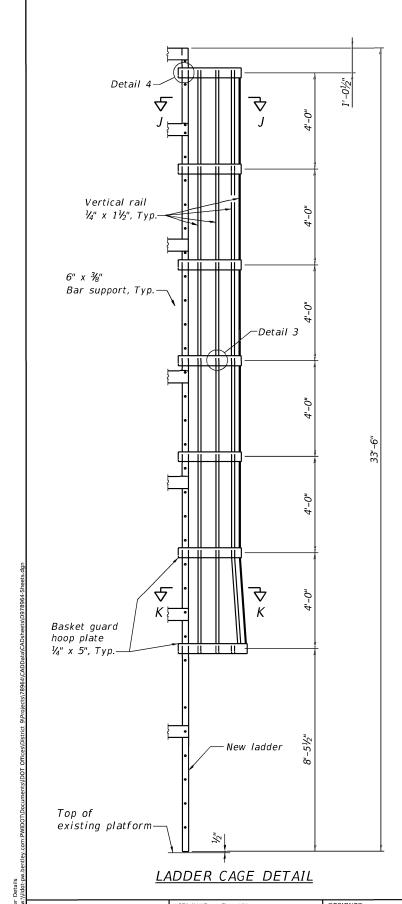
ALEXANDER 16 14

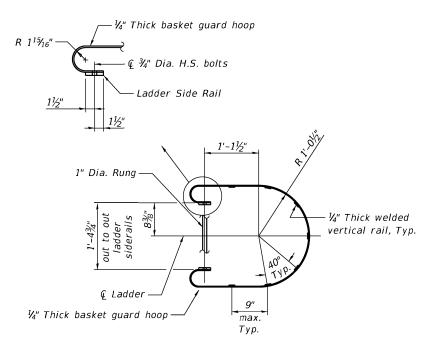
CONTRACT NO. 78964

944

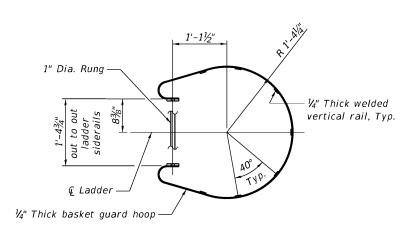
SHEETS STA.



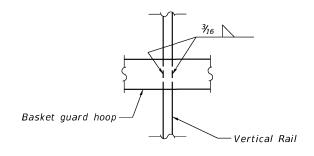




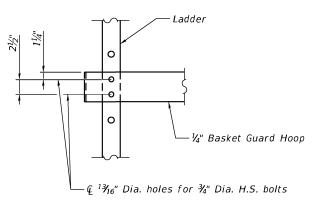
SECTION J-J



SECTION K-K



DETAIL 3



DETAIL 4

BILL OF MATERIAL

Item	Unit	Total
Access Ladder	Each	2

NOTES:

- 1. Fasteners shall be ASTM A 325 Type 1, mechanically galvanized bolts.
- 2. Structural steel for Access Ladder shall conform to M270 Grade 36 and shall be hot dip galvanized in accordance with the Hot Dip Galvanizing for Structural Steel special provision.
- 3. Ladder and cage shall meet OSHA Requirements.
- 4. For ladder details and additional notes, see sheets 14 & 15.
- S. All welds shall be $\frac{3}{16}$ " fillet welds and shall be all around and continuous, unless otherwise shown.
 - All work shown on this sheet is included with pay item Access Ladder.

USER NAME = Ehren.Kirby	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 100.0000 ' / in.	CHECKED	REVISED
PLOT DATE = 4/7/2023	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _

S.N. 002-0005 - VERTICAL MEMBER 51						F.A. RTE		
	LADDER ATTACHMENT DETAILS							
	EADDER ATTAONNETT BETALES							
	SHEET	OF	SHEETS	STA	TO STA			

 F.A.S RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.

 944
 138D(I-10)
 ALEXANDER
 16
 16

 CONTRACT
 NO.
 78964