


I:\Projects\2020\2020-236\2020-236-01\Drawings\2020-236-01\2020-236-01-01\2020-236-01-01.dwg

CODE NO.	ITEM	UNIT	RURAL TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE		
				COOK 0021	COOK 0044	LAKE 0021	LAKE 0044		
				LIGHTING	OTHER / SIGNAGE	LIGHTING	OTHER / SIGNAGE		
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	63	0	58	0	5		
25000210	SEEDING, CLASS 2A	ACRE	0.25	0	0.25	0	0		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2	0	1.75	0	0.25		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2	0	1.75	0	0.25		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2	0	1.75	0	0.25		
25100115	MULCH, METHOD 2	ACRE	0.25	0	0.25	0	0		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	54	0	54	0	0		
 <del>40700100</del> 40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	247	0	247	0	0		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	<del>1,736</del> 549	0	<del>1,736</del> 549	0	0		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2,468	0	2,468	0	0		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	0	10	0	0		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	0	10	0	0		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0	1	0	0		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0	1	0	0		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	25	0	25	0	0		

\* SPECIALTY ITEM

 REVISED SHEET 9/13/2022 SQ0-01

**Jacobs**



USER NAME - k-abmp	DESIGNED - RAS	REVISED -
DRAWN - MPK	REVISOR -	
CHECKED - MMK	REVISOR -	
DATE - 06/25/2021	REVISOR -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	4
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				RURAL		90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				COOK 0021	COOK 0044	LAKE 0021	LAKE 0044				
				LIGHTING	OTHER / SIGNAGE	LIGHTING	OTHER / SIGNAGE				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	156	0	156	0	0				
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D LINE 4" 	FOOT	364	0	364	0	0				
* 78004625	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D LINE 5" 	FOOT	3,110	0	3,110	0	0				
78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	364	0	364	0	0				
78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	3,110	0	3,110	0	0				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	620	0	620	0	0				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	394	0	394	0	0				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	620	0	620	0	0				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7,484	0	7,484	0	0				
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	7	7	0	0	0				
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	0	0	0				
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	5,003	4,953	0	50	0				
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,638	2,384	0	254	0				
81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	160	160	0	0	0				
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	108	95	0	13	0				

\* SPECIALTY ITEM

 REVISED SHEET 9/13/2022 SQ-03

**Jacobs**

USER NAME: k-abmp	DESIGNED - RAS	REVISED -
DRAWN - MPK	CHECKED - MMK	REVISED -
PLOT SCALE: 1/12/2022	DATE - 06/25/2021	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**


SCALE: NTS SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	6
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				RURAL					
				90% FEDERAL 10% STATE COOK 0021 LIGHTING	90% FEDERAL 10% STATE COOK 0044 OTHER / SIGNAGE	90% FEDERAL 10% STATE LAKE 0021 LIGHTING	90% FEDERAL 10% STATE LAKE 0044 OTHER / SIGNAGE		
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	<del>279</del> 275	<del>264</del> 260	 0	15	0		
84200804	REMOVAL OF POLE FOUNDATION	EACH	154	142	0	12	0		
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	7	7	0	0	0		
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	7	7	0	0	0		
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	7	7	0	0	0		
* Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	<del>420</del> 424	<del>402</del> 406	 0	18	0		
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18	18	0	0	0		
* X1400238	LUMINAIRE, LED, SPECIAL	EACH	6	6	0	0	0		
* X1400341	REMOVAL OF LUMINARIE, SALVAGE	EACH	372	354	0	18	0		
* X1400402	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA, FIBER OPTIC	EACH	7	7	0	0	0		
* X1400507	REMOVAL OF TRANSFORMER BASE, SALVAGE	EACH	104	104	0	0	0		
* X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18	0	0	0		
* X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1	0	0	0		
* X7260100	MILE POST MARKER ASSEMBLY (SPECIAL)	EACH	54	0	54	0	0		
* X7330064	SIGN SUPPORT SPECIAL	EACH	18	0	18	0	0		

\* SPECIALTY ITEM

 REVISED SHEET 9/13/2022 SQ-05

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USER: N9HE	DESIGNED - RAS	REVISED -
DRAWN - MPK	CHECKED - MMK	REVISED -
PLT DATE: 12/2022	DATE - 06/25/2021	REVISED -

DESIGNED - RAS	REVISED -
DRAWN - MPK	REVISED -
CHECKED - MMK	REVISED -
DATE - 06/25/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	8
CONTRACT NO. 62N05			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	RURAL TOTAL QUANTITY	CONSTRUCTION CODE						
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE			
				COOK 0021 LIGHTING	COOK 0044 OTHER / SIGNAGE	LAKE 0021 LIGHTING	LAKE 0044 OTHER / SIGNAGE			
*	X8110462	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	95	88	0	7	0		
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	42	36	0	6	0		
*	X1400509	REMOVAL OF LIGHTING ARM, NO SALVAGE	EACH	86	86	0	0	0		
*	X1400510	6FT DUAL MAST ARMS, ALUMIMUM, 180 DEGREES APART	EACH	43	42	0	1	0		
*	X1700123	CONCRETE BARRIER WALL REPAIR	EACH	<del>120</del> <del>124</del> <del>119</del> <del>123</del>	1	0	1	0		
Ø	Z0076600	TRAINEES	HOURS	4000	4000					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	4000	4000					

\* SPECIALTY ITEM

Ø 0042

REVISSED SHEET 9/13/2022 S0Q-06

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

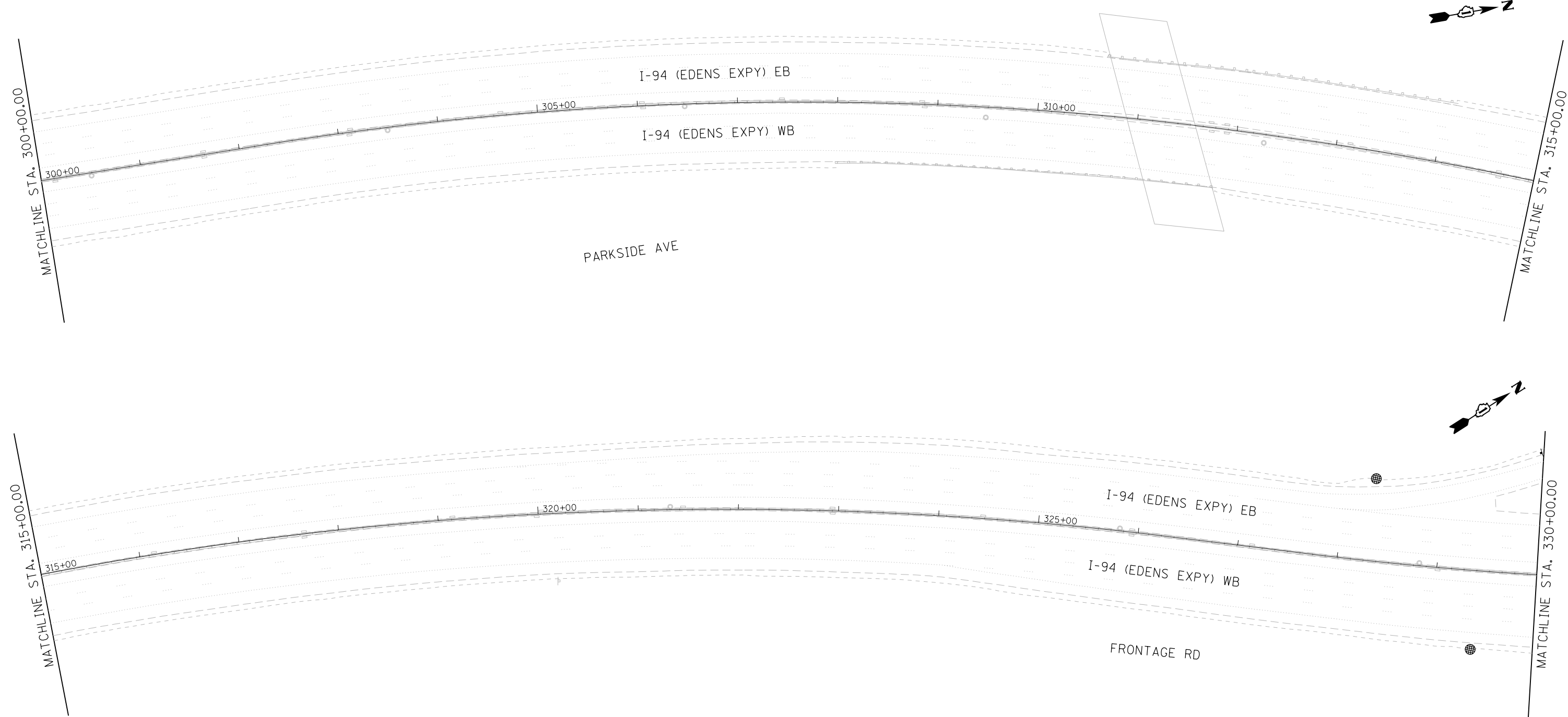
SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	9
				CONTRACT NO. 62N05

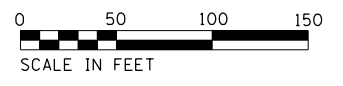
ILLINOIS FED. AID PROJECT

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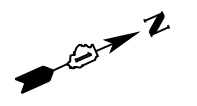
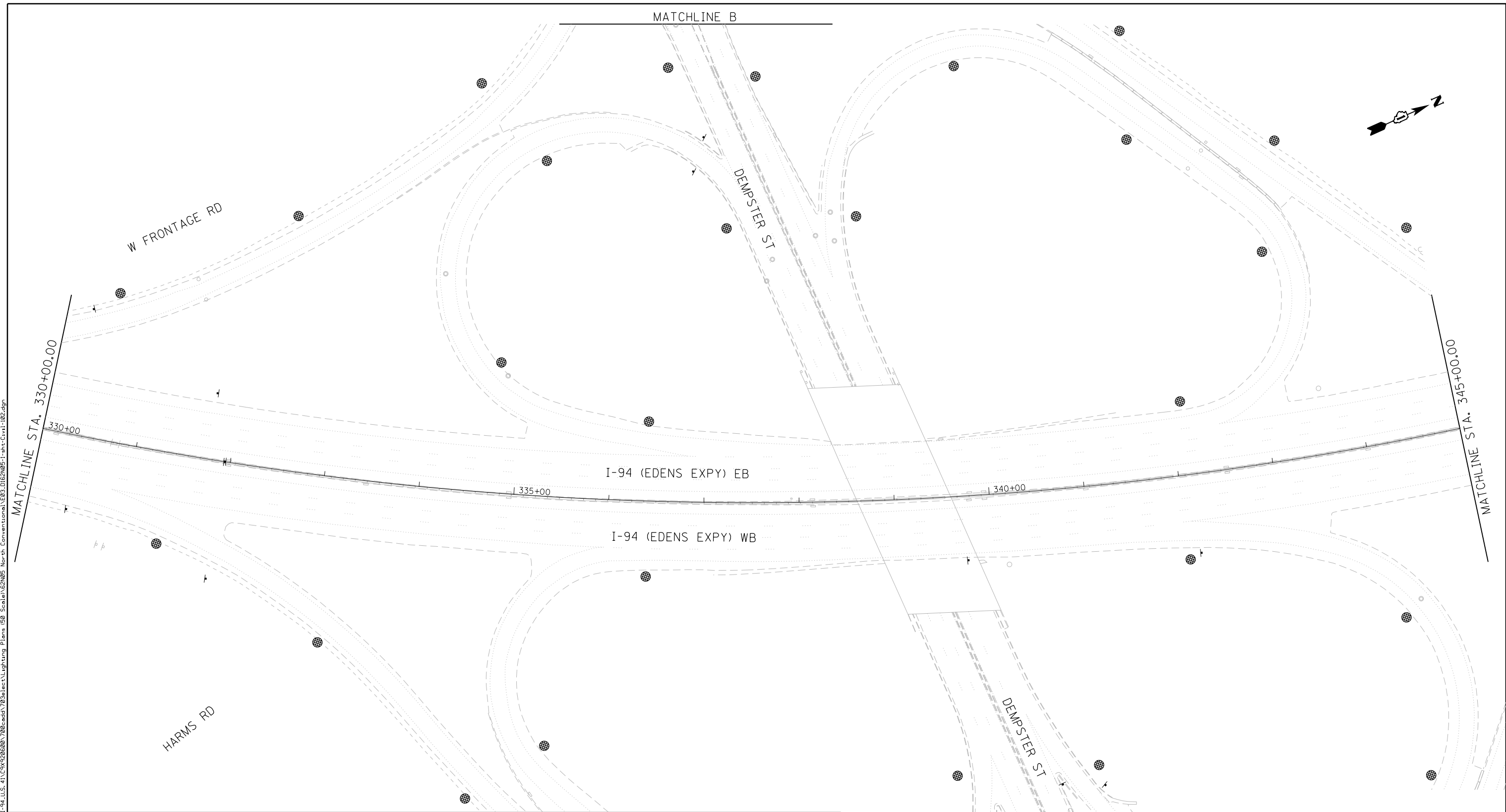
**PAVEMENT MARKING & RESTORATION LEGEND**

<p>① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)</p> <p>② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP          PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620)          GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)</p> <p>③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP          PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625)          GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)</p>	<p>④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE</p> <p>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE</p>
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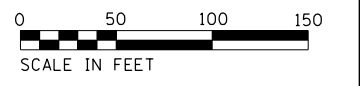
**REVIS** **REVISED SHEET 9/14/2022 CIV-02**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-94US 41 SMART HIGHWAY PAVEMENT MARKING AND RESTORATION PLAN</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - MMK	REVISED -			94	2020-236-L	COOK	173	47
	PLOT DATE = 9/13/2022	DATE - 06/25/2021	REVISED -	SCALE: 1"=50' SHEET 2 OF 23 SHEETS STA. 300+00 TO STA. 330+00		CONTRACT NO. 62N05 ILLINOIS FED. AID PROJECT				



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PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



1 REVISED SHEET 9/14/2022 **CIV-03**

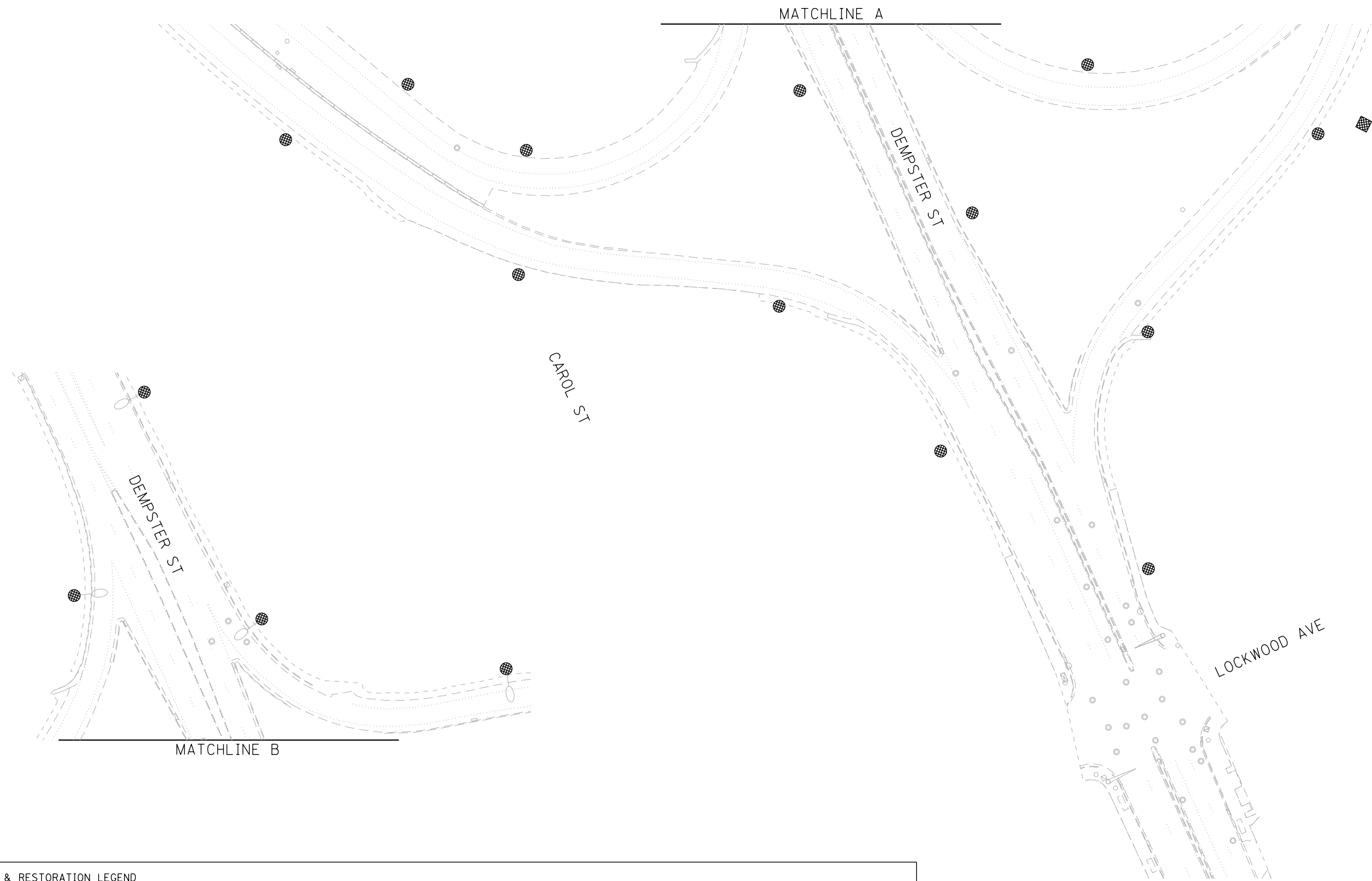
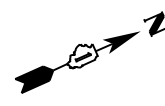
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	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

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

**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

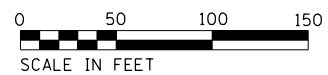
SCALE: 1"=50'      SHEET 3 OF 23 SHEETS      STA. 330+00 TO STA. 345+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	48
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



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PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



REVISED SHEET 9/14/2022 **CIV-04**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

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

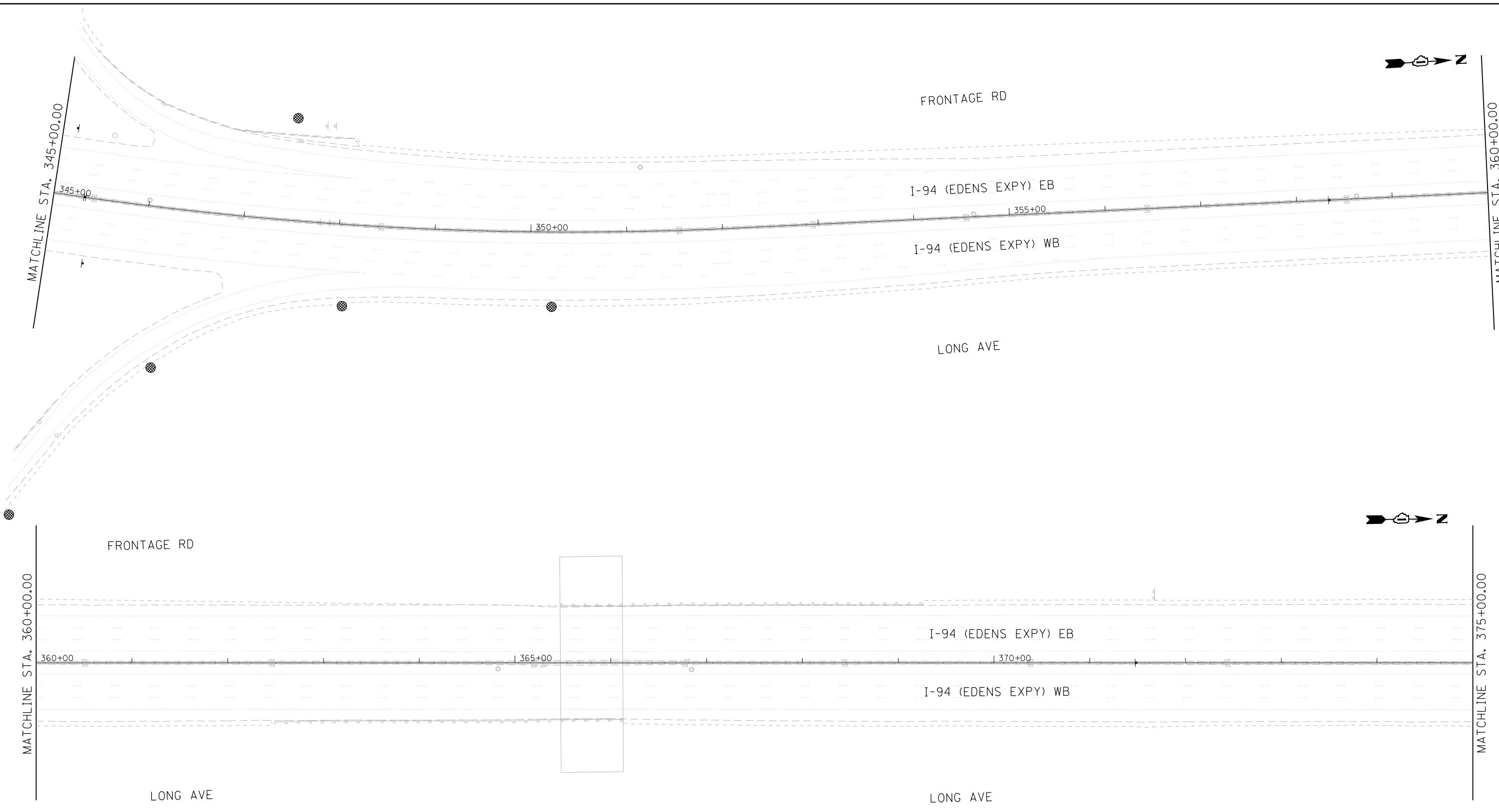
**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'      SHEET 4 OF 23 SHEETS STA.      TO STA.

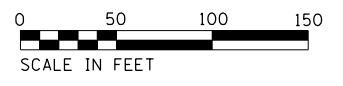
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	49
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



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① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
PLOT SCALE =	DRAWN - MFB	REVISED -
PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
	DATE - 06/25/2021	REVISED -

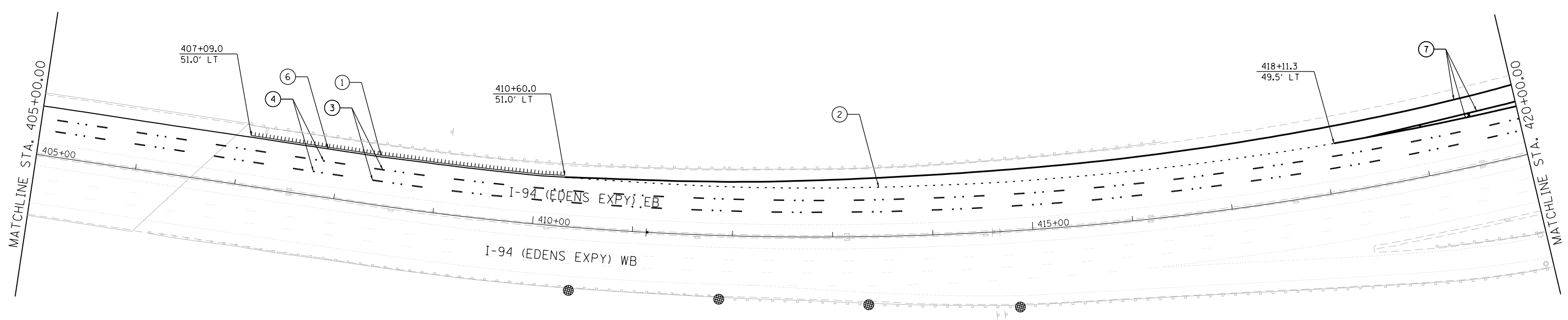
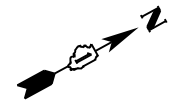
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'    SHEET 5    OF 23    SHEETS    STA. 345+00    TO STA. 375+00

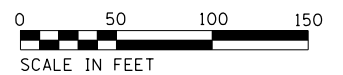
REVISED SHEET 9/14/2022 <b>CIV-05</b>				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	50
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				





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①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



① REVISED SHEET 9/14/2022 **CIV-07**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

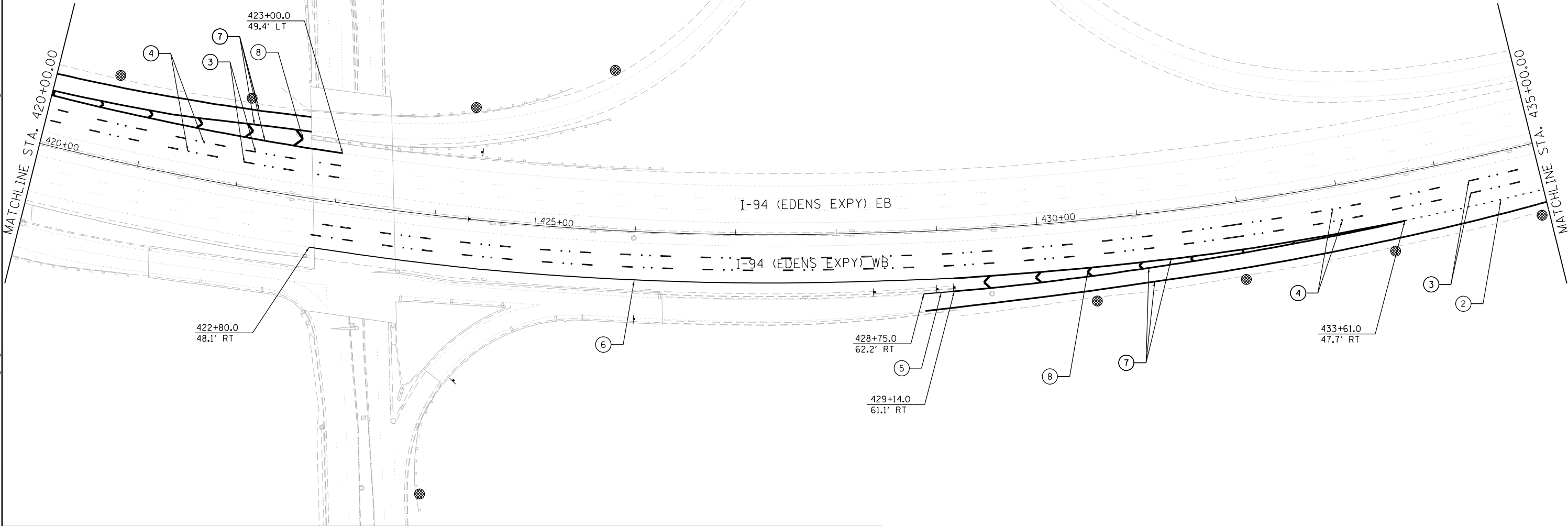
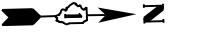
**I-94/US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50' SHEET 7 OF 23 SHEETS STA. 405+00 TO STA. 420+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	52
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

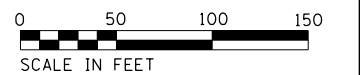
MATCHLINE C

OLD ORCHARD RD



PAVEMENT MARKING & RESTORATION LEGEND

- ① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
- ② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP  
PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620)  
GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)
- ③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP  
PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625)  
GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)
- ④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



REVIS 1 REVISED SHEET 9/14/2022 CIV-08

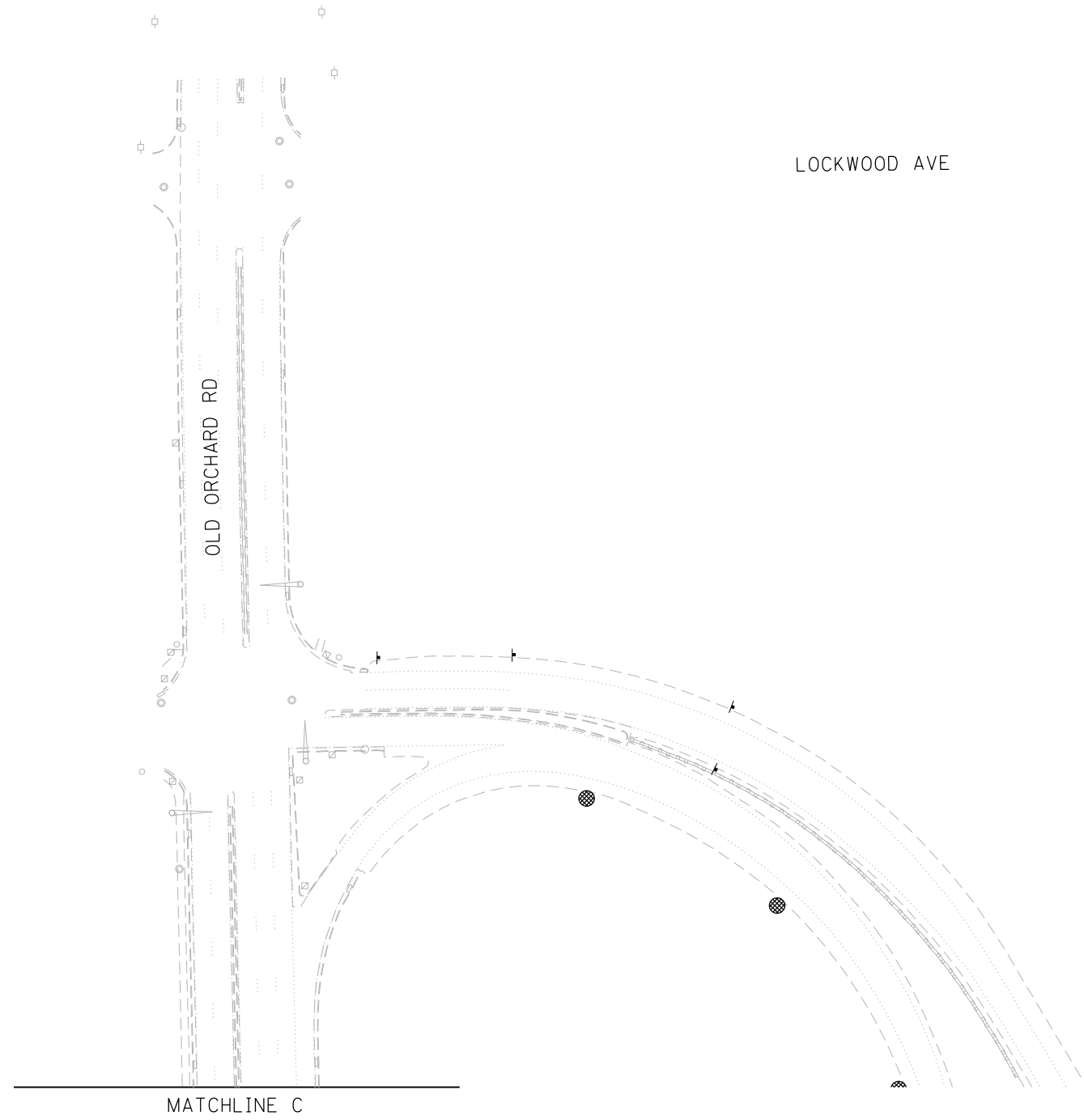
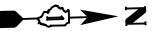


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PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
	DATE - 06/25/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

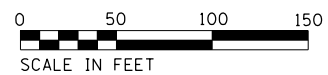
I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN  
SCALE: 1"=50' SHEET 8 OF 23 SHEETS STA. 420+00 TO STA. 435+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	53
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



D:\Projects\I-94\41\Contract\2020\2020-236-L\94\_ILS\_41\Contract\2020\2020-236-L\Lighting Plans (50 Scale)\E2N05 North Conventional\E09\_DISE2N05-1-shr-Civil-1806.dgn

PAVEMENT MARKING & RESTORATION LEGEND			
① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL		
② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW		
③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE		
	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE		
	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE		



USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022	⚠
PLOT SCALE =	DRAWN - MFB	REVISED -	
PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -	
	DATE - 06/25/2021	REVISED -	

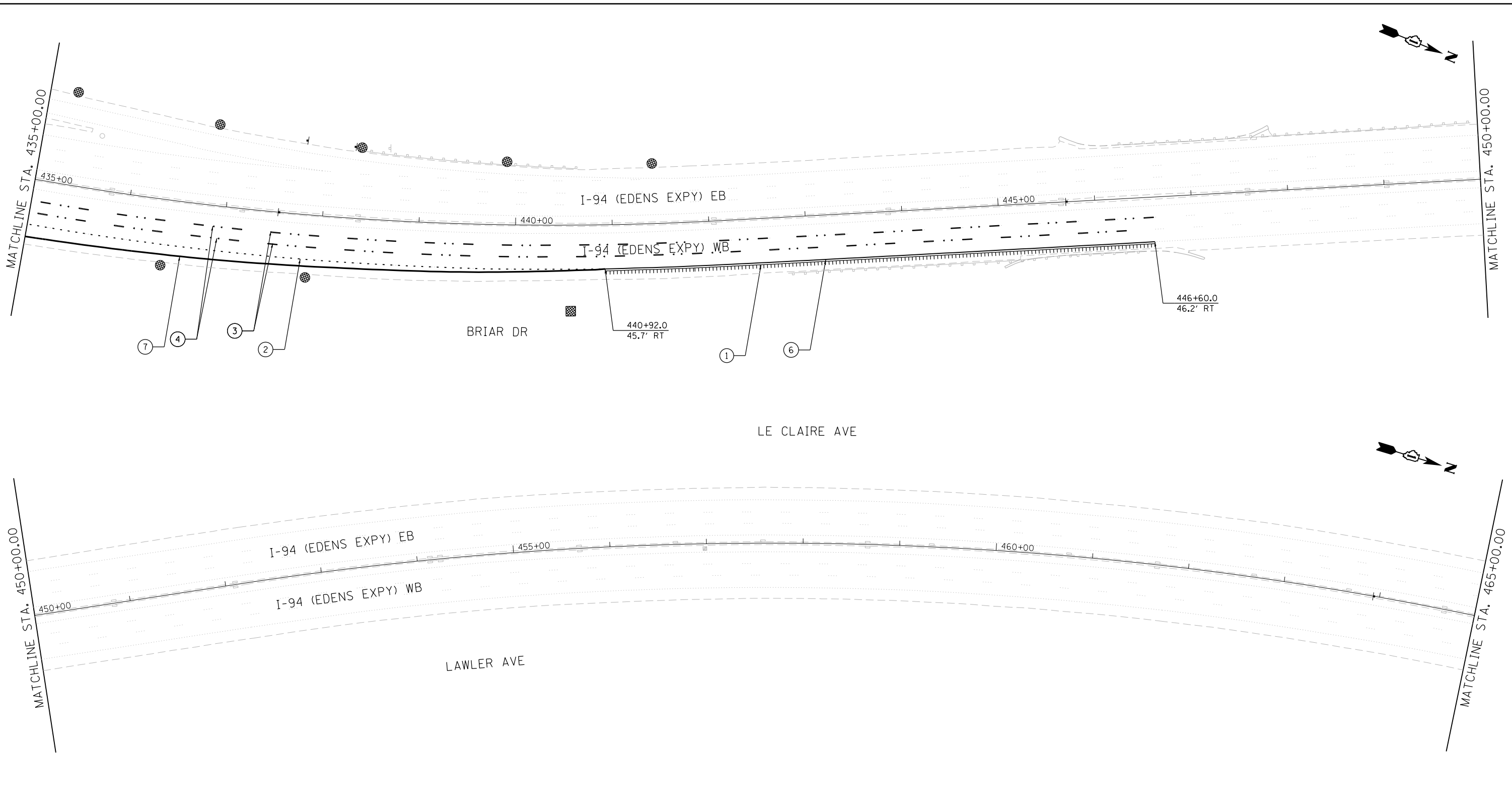
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

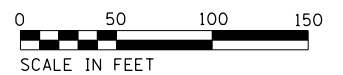
SCALE: 1"=50'      SHEET 9    OF 23    SHEETS    STA.      TO STA.

<b>1</b> REVISED SHEET 9/14/2022					<b>CIV-09</b>
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
94	2020-236-L	COOK	173	54	
					CONTRACT NO. 62N05
ILLINOIS FED. AID PROJECT					

C:\Users\korabmp\Documents\C9226680\_1-94\_ILS\_41\C9226680\_708\cadd\Lighting Plans (50 Scale)\E2N05 North Conventional\I10.DWG\I107.dgn



PAVEMENT MARKING & RESTORATION LEGEND	
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)
④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

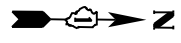
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'    SHEET 10 OF 23 SHEETS    STA. 435+00 TO STA. 465+00

<b>REVISED SHEET 9/14/2022</b>				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	55
<b>CONTRACT NO. 62N05</b>				
<small>ILLINOIS FED. AID PROJECT</small>				

**CIV-10**



LE CLAIRE AVE

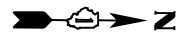
MATCHLINE STA. 465+00.00

MATCHLINE STA. 480+00.00

I-94 (EDENS EXPY) EB

I-94 (EDENS EXPY) WB

465+00 470+00 475+00



LAKE AVE

MATCHLINE STA. 480+00.00

MATCHLINE STA. 495+00.00

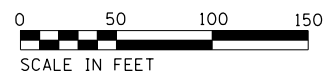
I-94 (EDENS EXPY) EB

I-94 (EDENS EXPY) WB

480+00 485+00 490+00

**PAVEMENT MARKING & RESTORATION LEGEND**

<p>① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)</p> <p>② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)</p> <p>③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)</p>	<p>④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE</p> <p>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE</p>
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NOTES:  
1. NO WORK ON THIS SHEET.

REVISED SHEET 9/14/2022 CIV-11



USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	DRAWN - MFB	REVISED -
PLOT SCALE =	CHECKED - MMK	REVISED -
PLOT DATE = 9/13/2022	DATE - 06/25/2021	REVISED -

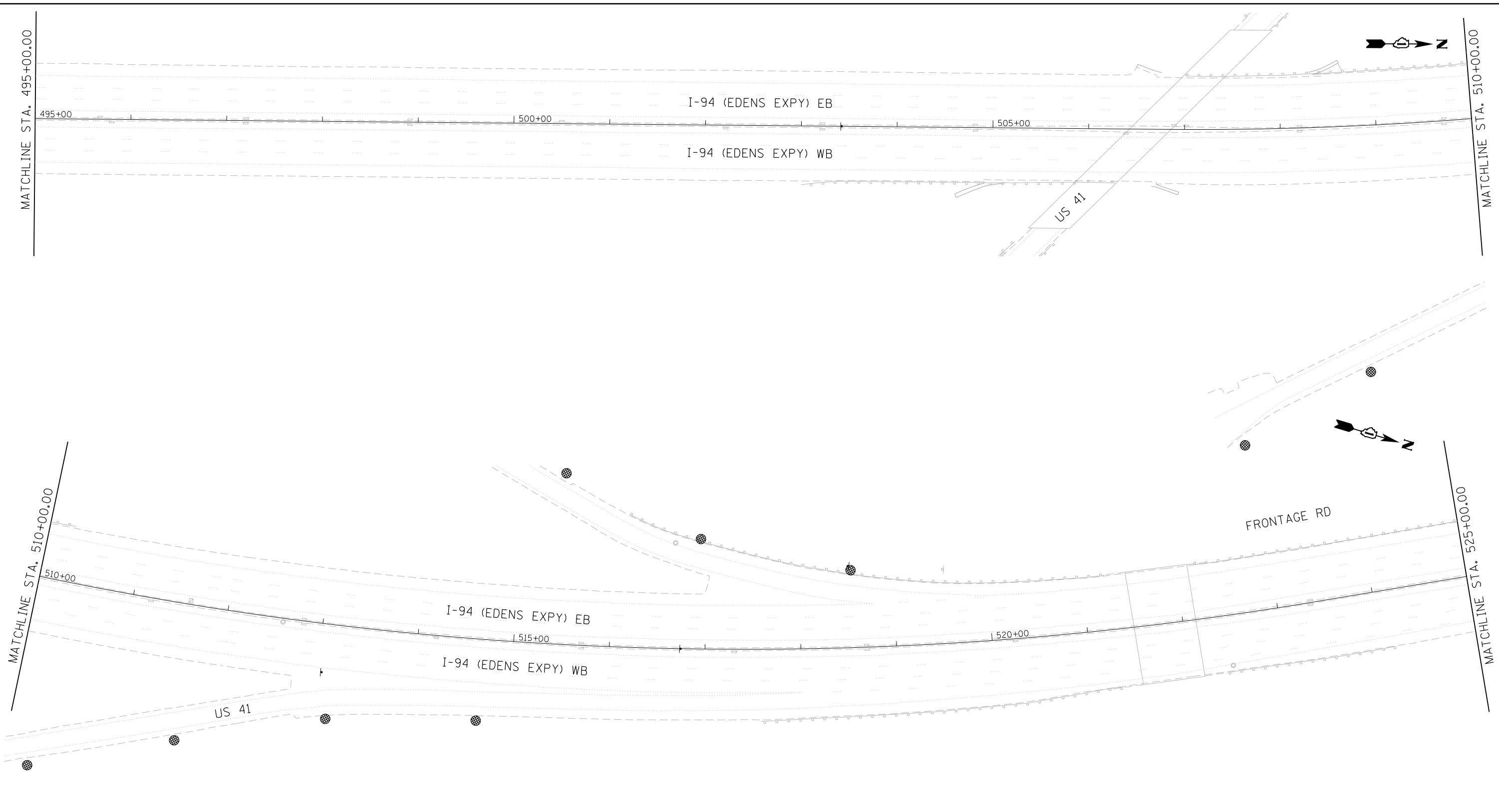
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN

SCALE: 1"=50' SHEET 11 OF 23 SHEETS STA. 465+00 TO STA. 495+00

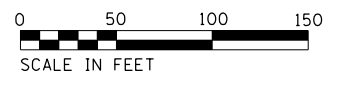
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	56
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

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**PAVEMENT MARKING & RESTORATION LEGEND**

<p>① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)</p> <p>② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP          PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620)          GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)</p> <p>③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP          PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625)          GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)</p>	<p>④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE</p> <p>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE</p>
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<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

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

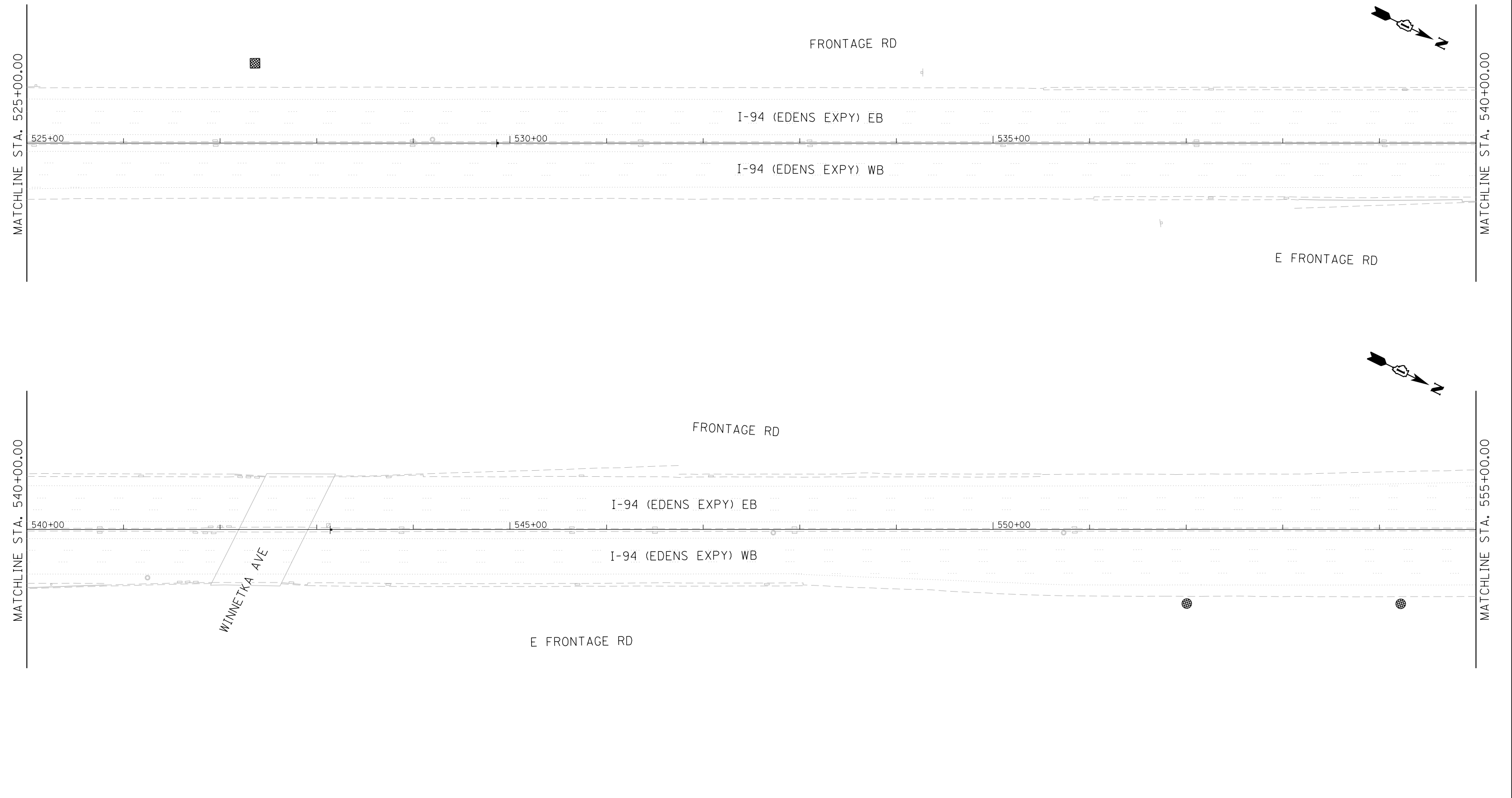
**I-94/US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'    SHEET 12 OF 23 SHEETS    STA. 495+00 TO STA. 525+00

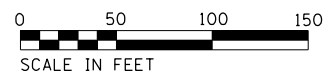
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	57
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



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① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



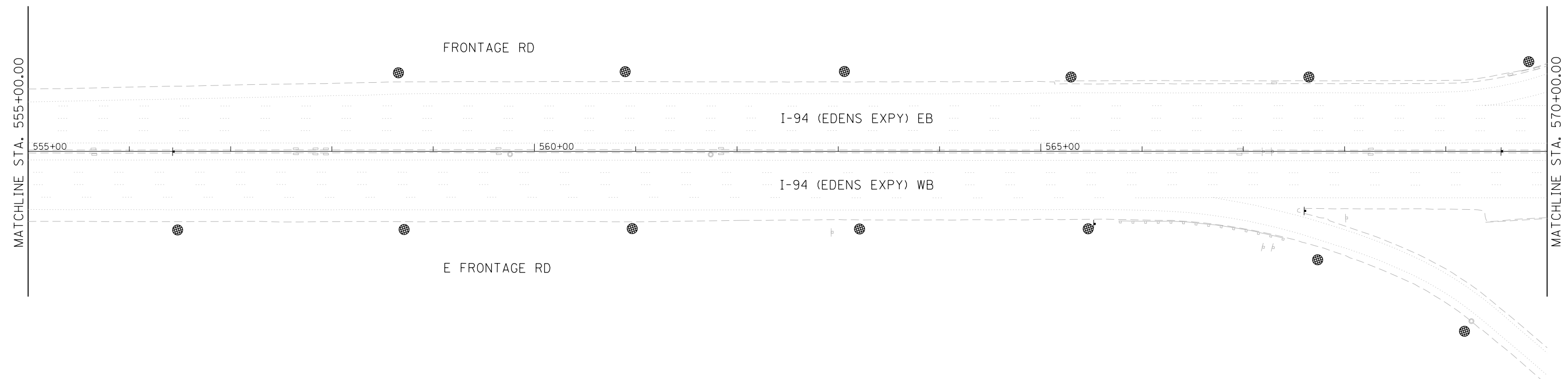
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
94	2020-236-L	COOK	173 / 58
CONTRACT NO. 62N05			
ILLINOIS FED. AID PROJECT			

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
		DRAWN - MFB	REVISED -
	PLOT SCALE =	CHECKED - MMK	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

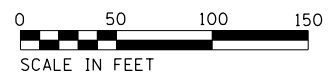
**I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'     SHEET 13 OF 23 SHEETS     STA. 525+00 TO STA. 555+00



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PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



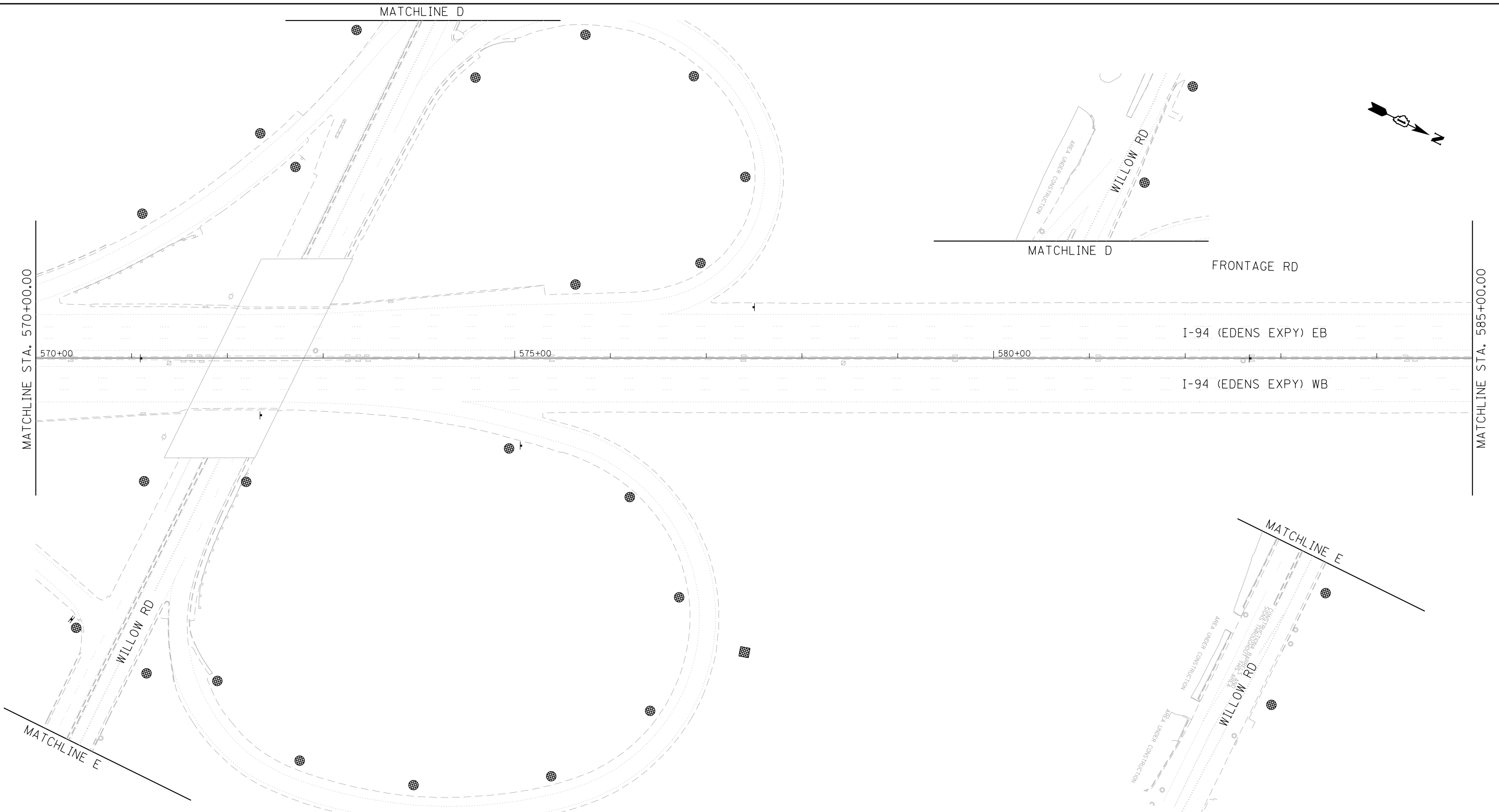
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	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

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

**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**  
 SCALE: 1"=50' SHEET 14 OF 23 SHEETS STA. 555+00 TO STA. 570+00

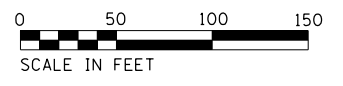
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	59
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

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**PAVEMENT MARKING & RESTORATION LEGEND**

<p>① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)</p> <p>② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)</p> <p>③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)</p>	<p>④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE</p> <p>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE</p>
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<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
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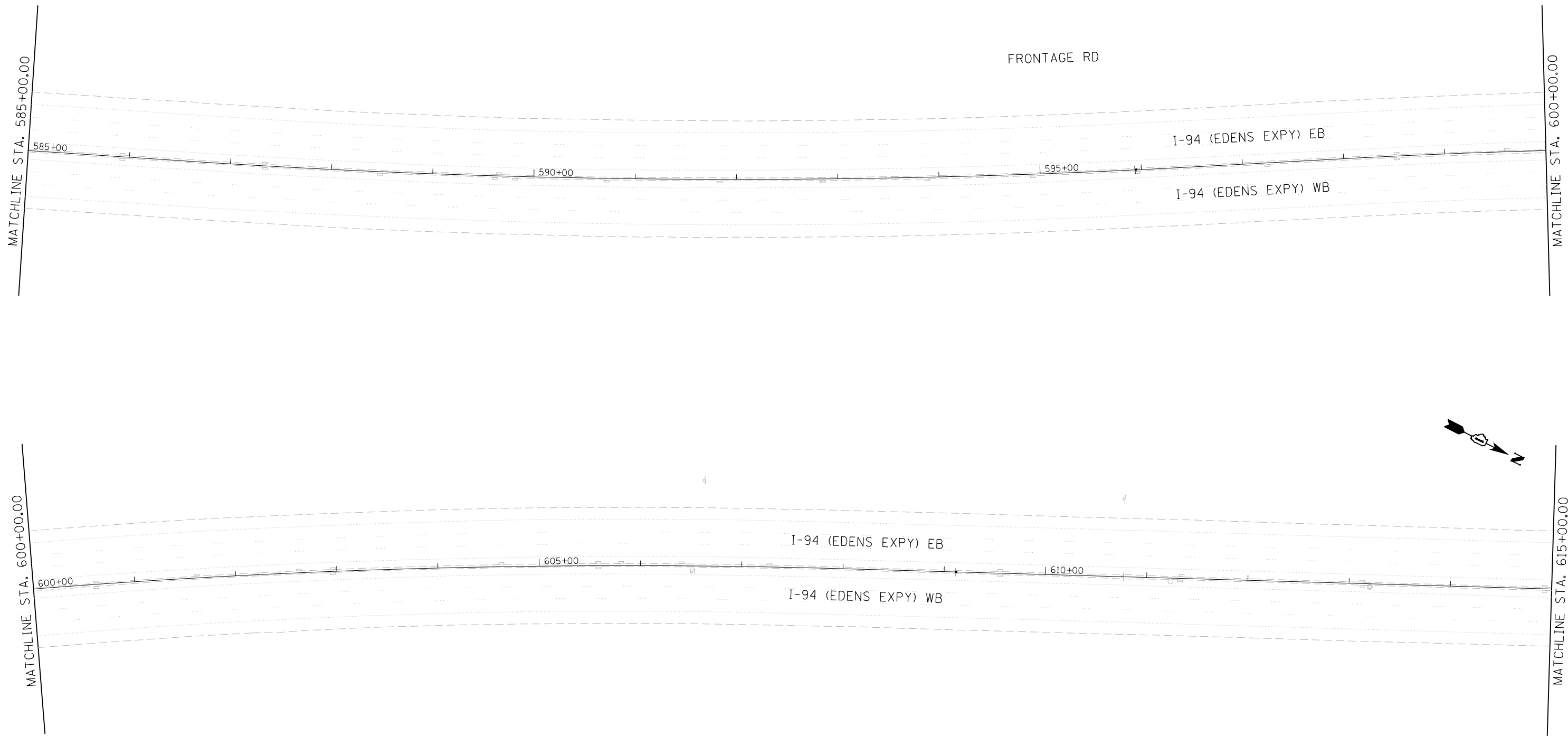
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'      SHEET 15 OF 23 SHEETS      STA. 570+00 TO STA. 585+00

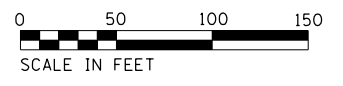
① REVISED SHEET 9/14/2022					<b>CIV-15</b>
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
94	2020-236-L	COOK	173	60	
CONTRACT NO. 62N05					
ILLINOIS FED. AID PROJECT					

CENTRAL AVE



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PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



**NOTES:**  
1. NO WORK ON THIS SHEET.

REVISED SHEET 9/14/2022 **CIV-16**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
		DRAWN - MFB	REVISED -
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	PLOT DATE = 9/13/2022	DATE - 06/25/2021	REVISED -

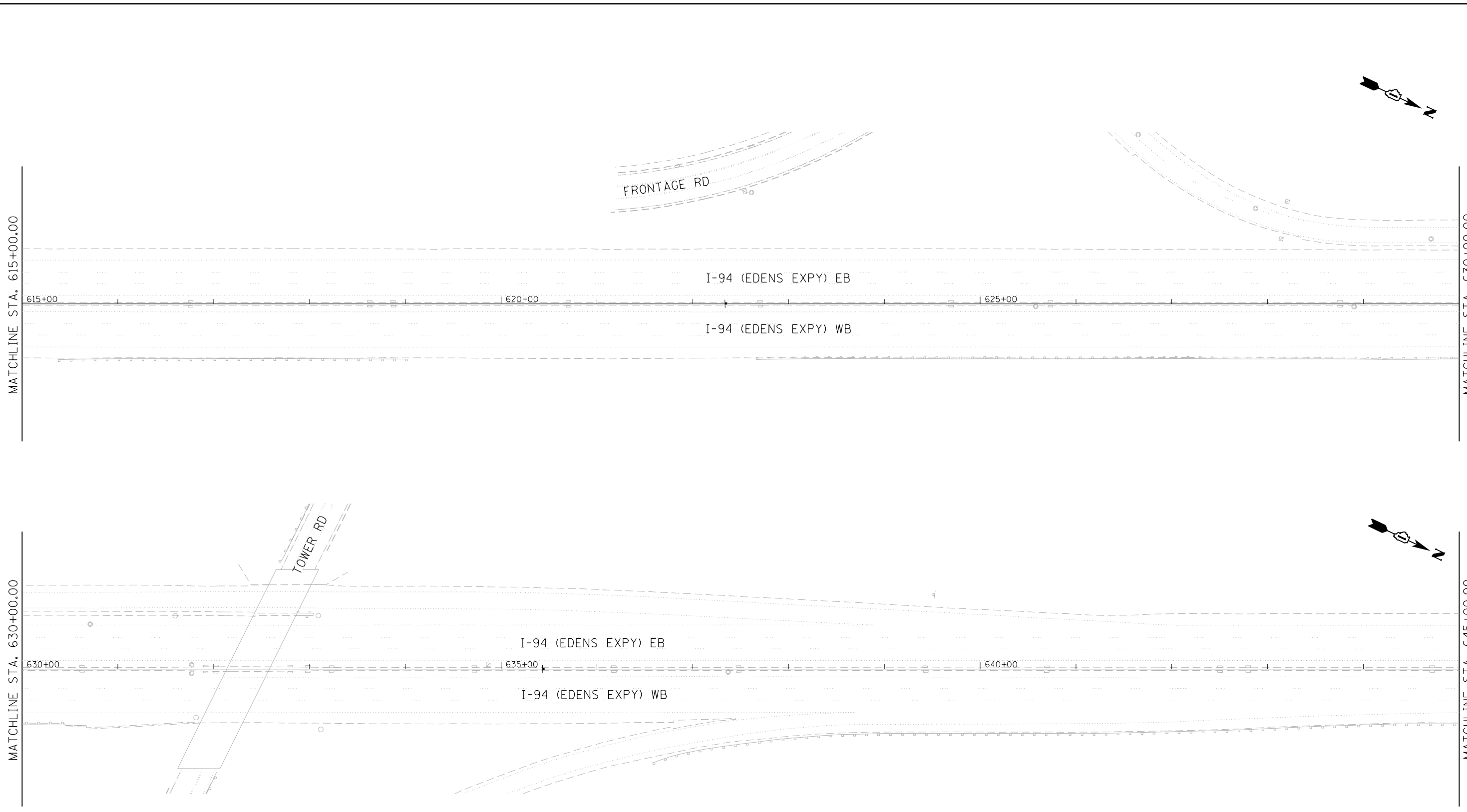
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

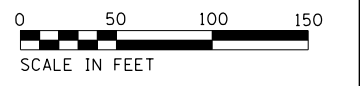
SCALE: 1"=50' SHEET 16 OF 23 SHEETS STA. 585+00 TO STA. 615+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	61
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

c:\p\proj\17\1701\1701\1701.dgn



PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



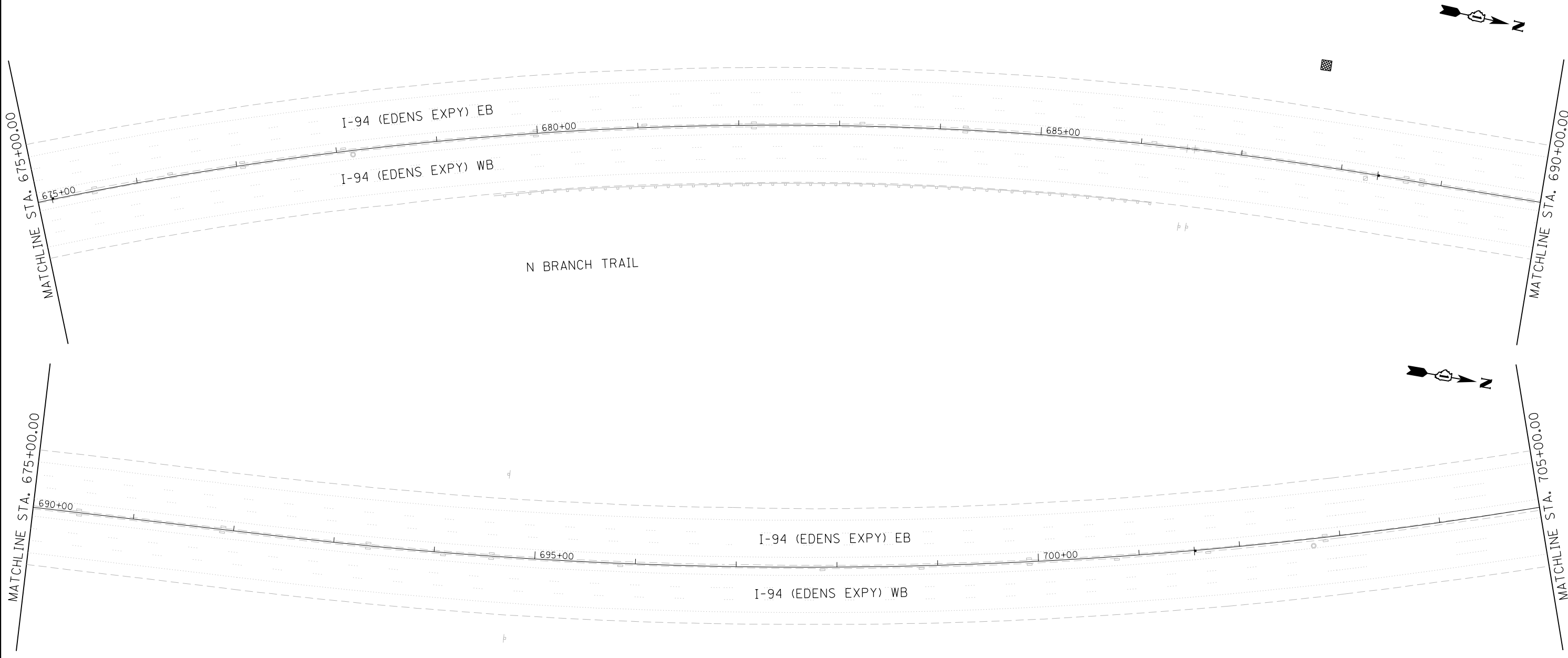
**NOTES:**  
1. NO WORK ON THIS SHEET.

**REVISED SHEET 9/14/2022** **CIV-17**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-94US 41 SMART HIGHWAY PAVEMENT MARKING AND RESTORATION PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - MMK	REVISED -			94	2020-236-L	COOK	173	62
PLOT DATE = 9/13/2022	DATE - 06/25/2021	REVISED -	CONTRACT NO. 62N05							
						ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'      SHEET 17 OF 23 SHEETS      STA. 615+00 TO STA. 645+00						



c:\projects\inher\jacobscamb\1\Documents\C94206608\_I-94\_ILS\_41\C94206608\_703\I-94\_Scale.dwg North Conventional\I94\_0162N05-1-Int-Civil-116.dgn



**PAVEMENT MARKING & RESTORATION LEGEND**

- ① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
- ② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP  
 PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620)  
 GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)
- ③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP  
 PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625)  
 GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)

- ④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



①	REVISED SHEET 9/14/2022		<b>CIV-19</b>	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	64
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

**Jacobs**

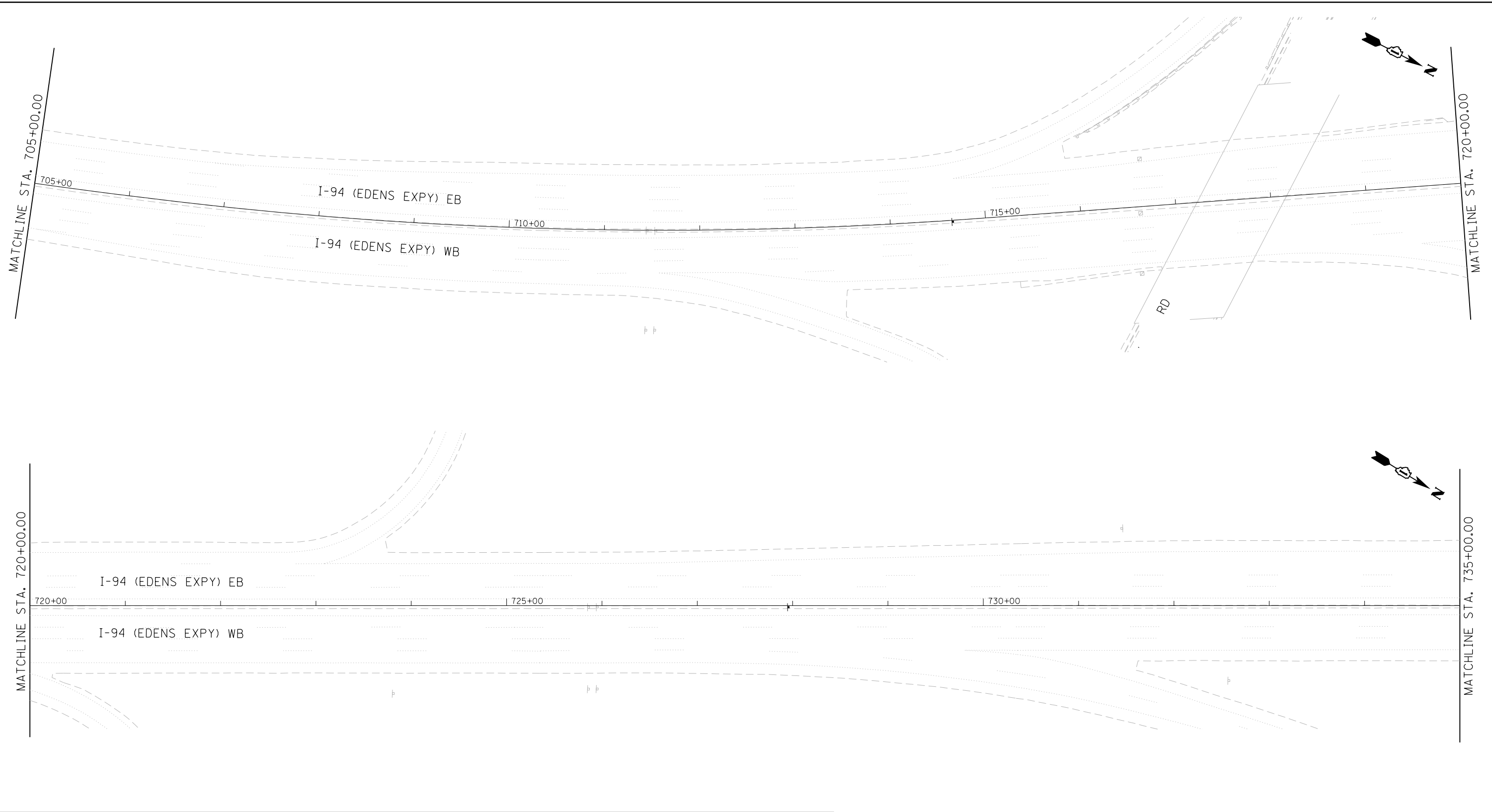
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PLOT SCALE =	DRAWN - MFB	REVISED -
PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
	DATE - 06/25/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50' SHEET 19 OF 23 SHEETS STA. 675+00 TO STA. 705+00

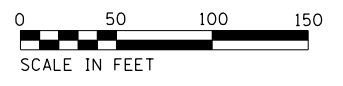
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**PAVEMENT MARKING & RESTORATION LEGEND**

<p>① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)</p> <p>② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)</p> <p>③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)</p>	<p>④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE</p> <p>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE</p>
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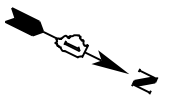
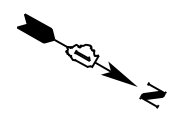
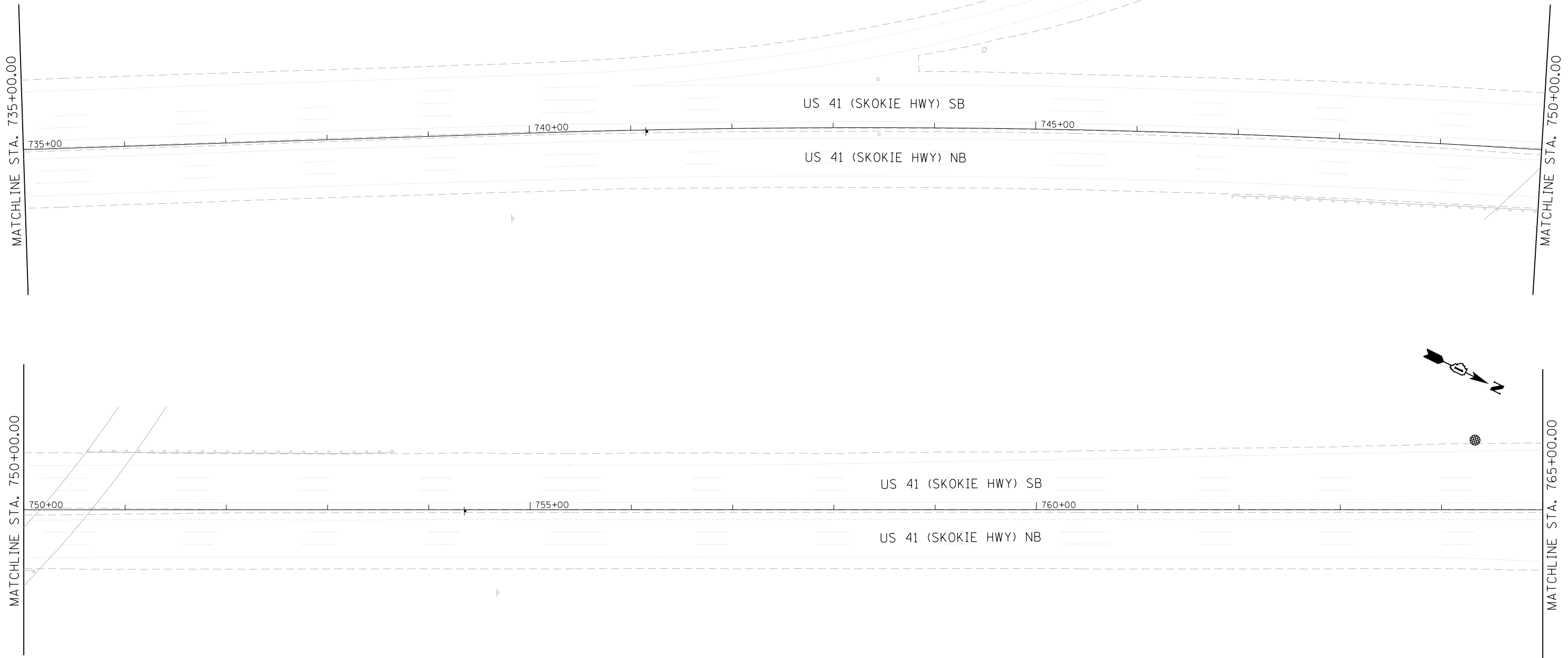
**NOTES:**  
1. NO WORK ON THIS SHEET.



<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-94US 41 SMART HIGHWAY PAVEMENT MARKING AND RESTORATION PLAN</b>	F.A.I. RTE. 94	SECTION 2020-236-L	COUNTY COOK	TOTAL SHEETS 173	SHEET NO. 65
	PLOT SCALE =	CHECKED - MMK	REVISED -			SCALE: 1"=50'	SHEET 20 OF 23 SHEETS	STA. 705+00 TO STA. 735+00	CONTRACT NO. 62N05	
						<p style="margin: 0;">1 REVISED SHEET 9/14/2022</p> <p style="margin: 0;"><b>CIV-20</b></p>				



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PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



① REVISED SHEET 9/14/2022

**CIV-21**

<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

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

**I-94US 41 SMART HIGHWAY**  
**PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50'      SHEET 21    OF 23    SHEETS    STA. 735+00    TO STA. 765+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	66
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 765+00.00

MATCHLINE STA. 780+00.00

US 41 (SKOKIE HWY) SB  
US 41 (SKOKIE HWY) NB

765+00 770+00 775+00

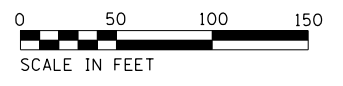
LAKE COOK RD

NYODA PL



\\proj\project\user\HER\_jacob\camb\1\Documents\94\I-94\_IILS\_41\94206600\708\cadd\703\select\Lighting\_Plans\50\_Scales\E2N05\_North\_Conventional\E22\_DE2N05-1-sh+Civil-119.dgn

PAVEMENT MARKING & RESTORATION LEGEND			
①	SHOULDER RUMBLE STRIPS, 16 INCH (64200116)	④	RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
②	4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620) GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)	⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
③	5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625) GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)	⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
		⑦	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
		⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



① REVISED SHEET 9/14/2022 CIV-22

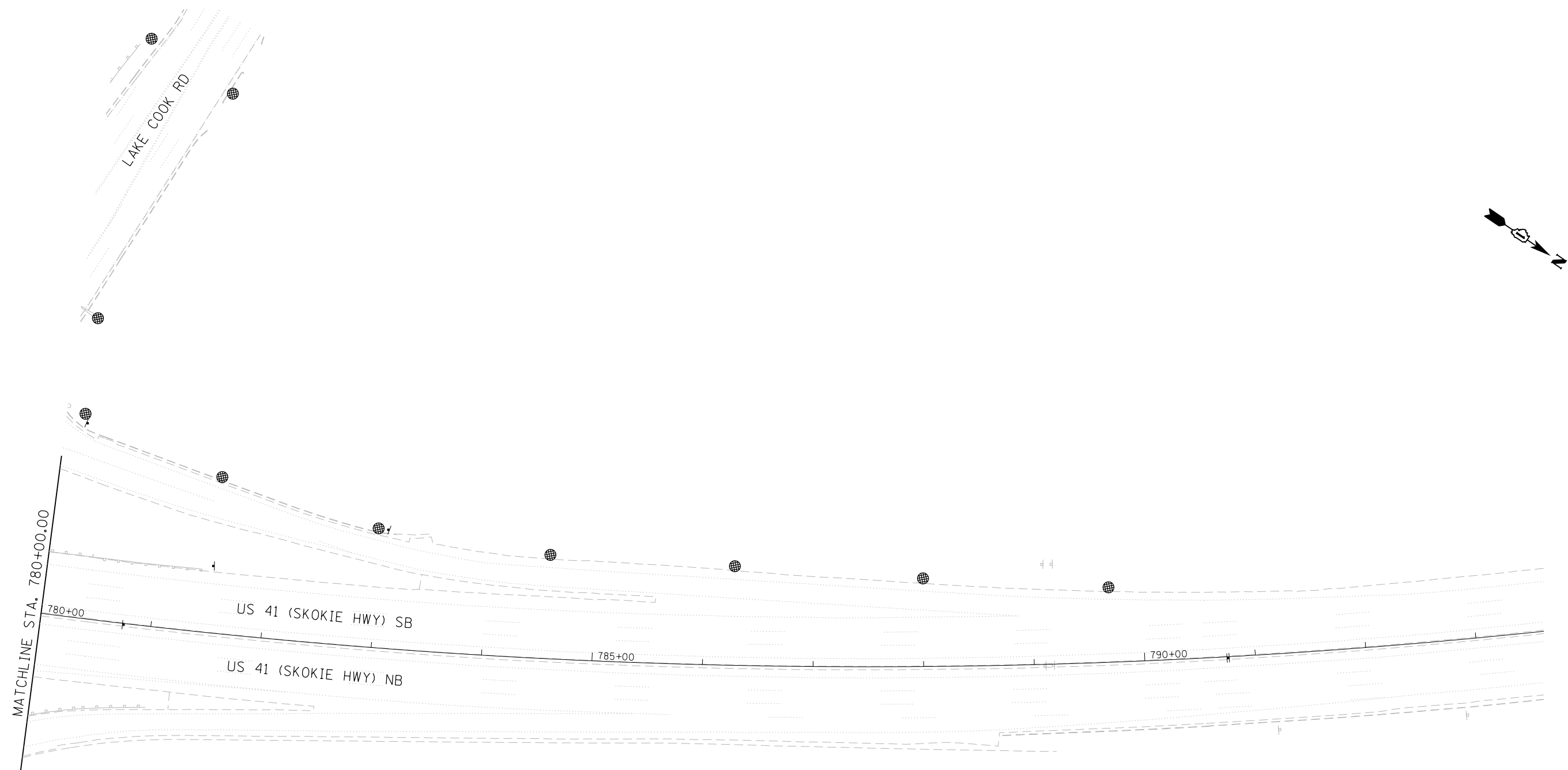
<b>Jacobs</b>	USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
	PLOT SCALE =	DRAWN - MFB	REVISED -
	PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
		DATE - 06/25/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-94US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN

SCALE: 1"=50' SHEET 22 OF 23 SHEETS STA. 765+00 TO STA. 780+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	67
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

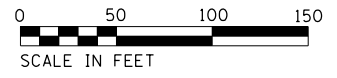


C:\Users\user\Documents\Civil\Projects\Lighting\Lighting Plans 60 Scale\62N05 North Conventional\623.DWG 2022\62N05-1-sh-Civil-120.dwg

**PAVEMENT MARKING & RESTORATION LEGEND**

- ① SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
- ② 4 INCH WHITE DOTTED LANE LINE, 3' DASH - 9' SKIP  
PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" (78004620)  
GROOVING FOR RECESSED PAVEMENT MARKING 5" (78011025)
- ③ 5 INCH WHITE LANE LINE, 10' DASH - 30' SKIP  
PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 5" (78004625)  
GROOVING FOR RECESSED PAVEMENT MARKING 6" (78011030)

- ④ RAISED REFLECTIVE PAVEMENT MARKER (78100100) - ONE-WAY CRYSTAL
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) - WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) - WHITE
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) - WHITE



① REVISED SHEET 9/14/2022

**CIV-23**



USER NAME = korabmp	DESIGNED - MFB	REVISED - 09/13/2022
PLOT SCALE =	DRAWN - MFB	REVISED -
PLOT DATE = 9/13/2022	CHECKED - MMK	REVISED -
	DATE - 06/25/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94/US 41 SMART HIGHWAY  
PAVEMENT MARKING AND RESTORATION PLAN**

SCALE: 1"=50' SHEET 23 OF 23 SHEETS STA. 780+00 TO STA. 795+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK	173	68
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				

C:\Users\korabmp\Documents\C9226680\_1-94\_ILS\_41\C9226680\_700\cadd\703\select\Lighting Plans (50\_Scales)\E2N05\_North\_Conventional\0162N05-shr-light-02.dgn

ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	7
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	5,003
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,638
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	160
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	108
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	25
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	60
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	40
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	10
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	1
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	87,402
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	10,968
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	676
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	332
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	1,680
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	428
LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION E	EACH	60
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	352
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8'	EACH	352
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	352
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	275
REMOVAL OF POLE FOUNDATION	EACH	154
REMOVAL OF LIGHTING CONTROLLER	EACH	7
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	7
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	7
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	424
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18
LUMINAIRE, LED, SPECIAL	EACH	6
REMOVAL OF LUMINARIE, SALVAGE	EACH	372
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA, FIBER OPTIC	EACH	7
REMOVAL OF TRANSFORMER BASE, SALVAGE	EACH	104
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	95
REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	42
REMOVAL OF LIGHTING ARM, NO SALVAGE	EACH	86
6FT DUAL MAST ARMS, 180 DEGREES APART	EACH	43
CONCRETE BARRIER WALL REPAIR	EACH	120



USER NAME = korabmp	DESIGNED - VN	REVISED - 09/13/2022
	DRAWN - VN	REVISED -
PLOT SCALE =	CHECKED - RP/MG	REVISED -
PLOT DATE = 9/13/2022	DATE - 7/11/2022	REVISED -

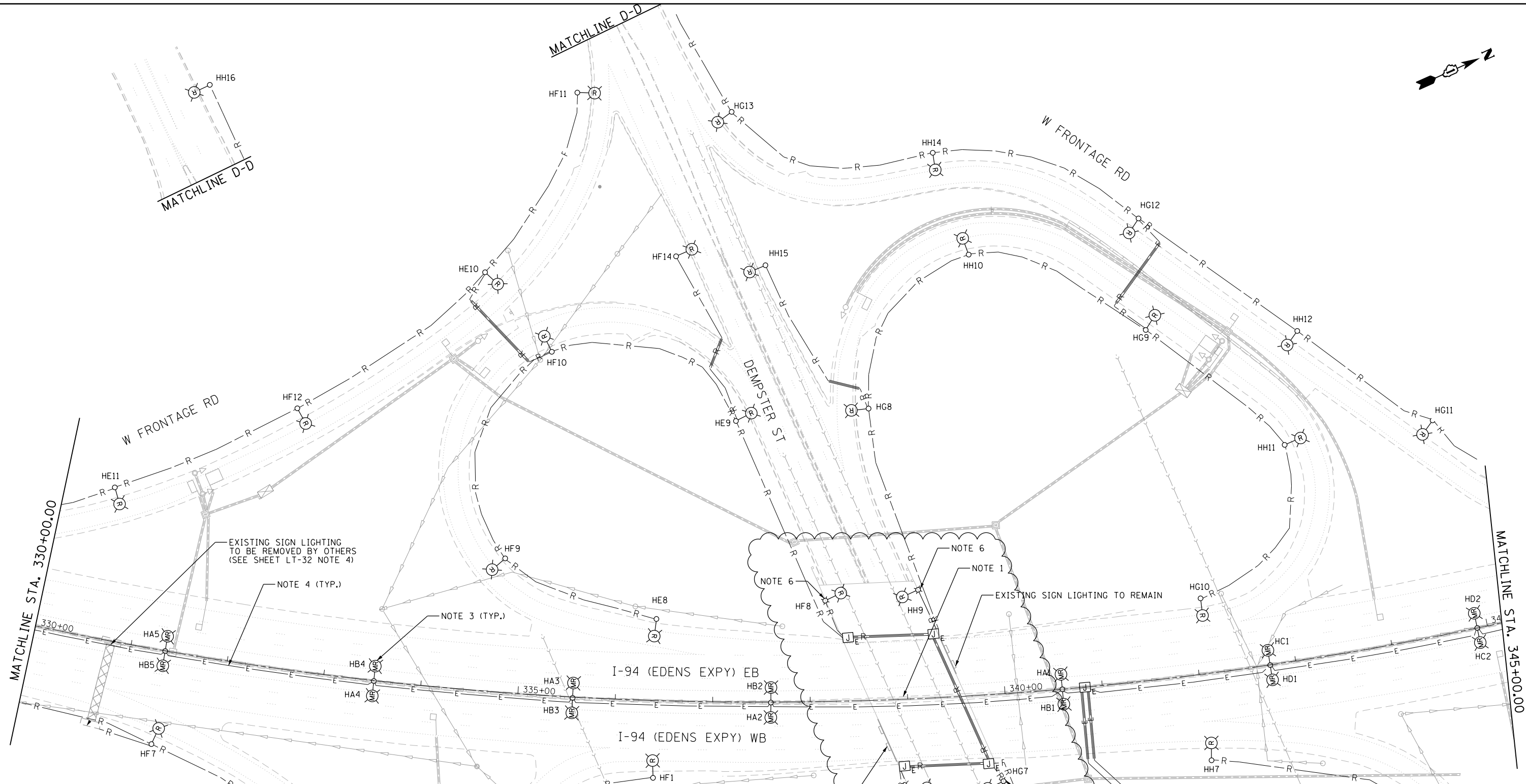
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 86 SHEETS STA. TO STA.

REVISED SHEET 9/14/2022 LT-02

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	83
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
  - EXISTING LIGHTING UNITS SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL PROPOSED LIGHTING SYSTEM IS INSTALLED AND OPERATIONAL.
  - MEDIAN MOUNTED LIGHT POLES, MAST ARMS, AND LUMINAIRES TO BE REMOVED, BARRIER WALL TO BE REPAIRED.
  - THE EXISTING CONDUIT EMBEDDED IN MEDIAN BARRIER WALL IS MADE OF CELLULOSE AND IS EASILY BREAKABLE AND COLLAPSIBLE. EXISTING CABLES CANNOT BE REMOVED.
  - SEE SHEET LT-25 FOR UNDERPASS LIGHTING REMOVAL PLAN.
  - LUMINAIRES AND POLE WIRING (HANDHOLE TO LUMINAIRE) TO BE REMOVED FROM THE STRUCTURE MOUNTED LIGHT POLES



REVISION 1 REVISED SHEET 9/14/2022 LT-04

**Jacobs**

USER NAME = korabmp	DESIGNED - HP	REVISED - 09/13/2022
	DRAWN - MPK	REVISED -
PLOT SCALE =	CHECKED - RAS	REVISED -
PLOT DATE = 9/13/2022	DATE - 10/16/2020	REVISED -

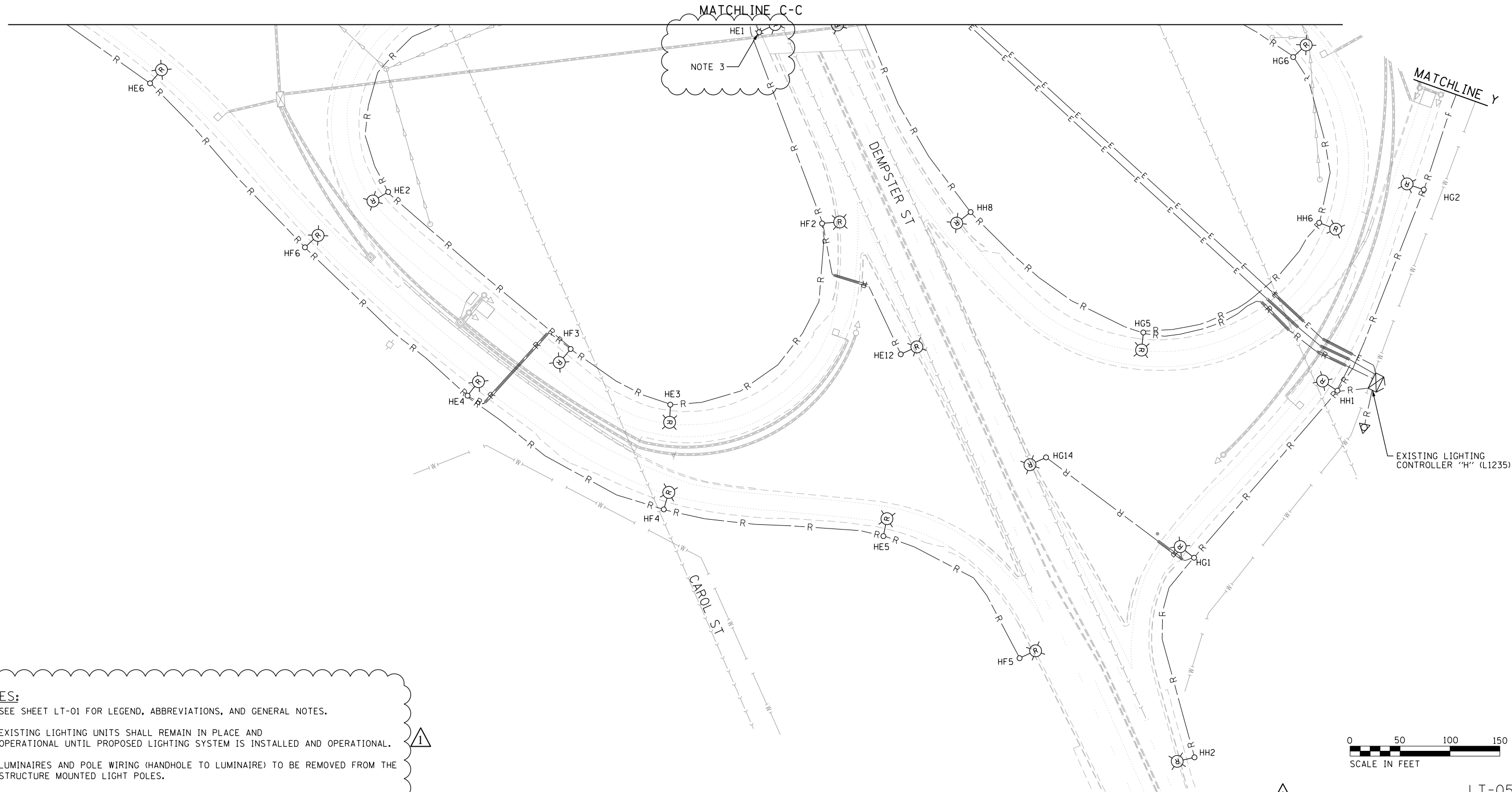
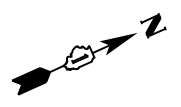
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94 / US 41 SMART HIGHWAY  
I-94 LIGHTING REMOVAL PLANS**

SCALE: 1" = 50' SHEET 4 OF 86 SHEETS STA. 330+00 TO STA. 345+00

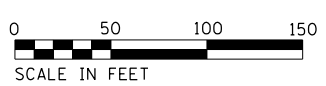
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	85

CONTRACT NO. 62N05  
ILLINOIS FED. AID PROJECT



**NOTES:**

1. SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. EXISTING LIGHTING UNITS SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL PROPOSED LIGHTING SYSTEM IS INSTALLED AND OPERATIONAL.
3. LUMINAIRES AND POLE WIRING (HANDHOLE TO LUMINAIRE) TO BE REMOVED FROM THE STRUCTURE MOUNTED LIGHT POLES.



REVISED SHEET 9/14/2022 LT-05

C:\Users\korabmp\Documents\C92206688\_1-94\_ILS\_41\CS92206688\_700\cadd\703\select\Lighting Plans (50 Scale)\E2N05 North Conventional\0162N05-ht-Lighting...023.dgn

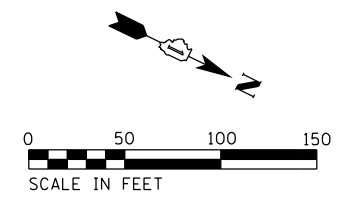
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	DRAWN - MPK	CHECKED - RAS	REVISED -
	PLOT SCALE =	DATE - 10/16/2020	REVISED -
	PLOT DATE = 9/13/2022		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94 /US 41 SMART HIGHWAY  
I-94 LIGHTING REMOVAL PLANS**

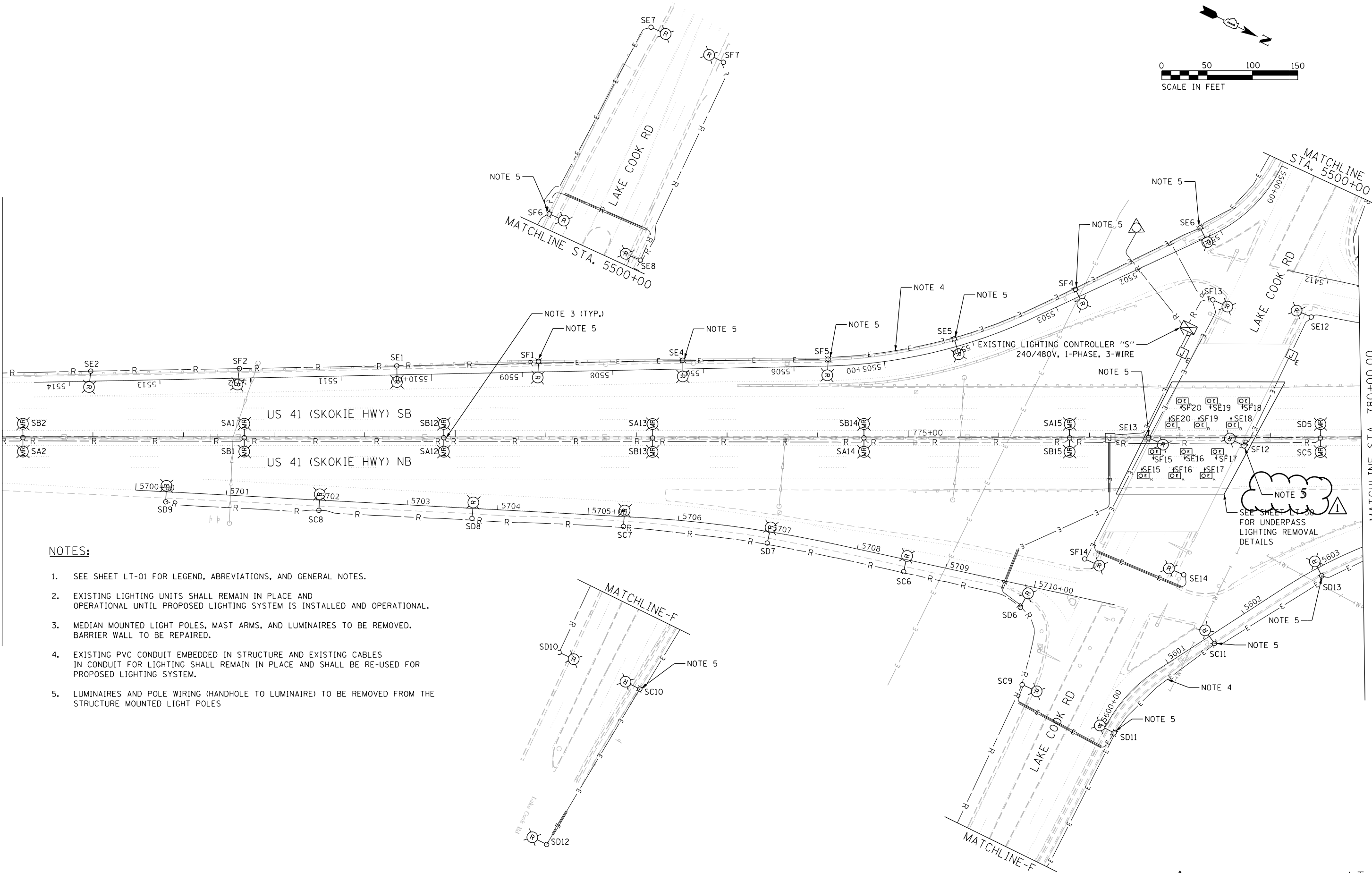
SCALE: 1" = 50' SHEET 5 OF 86 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	86
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				



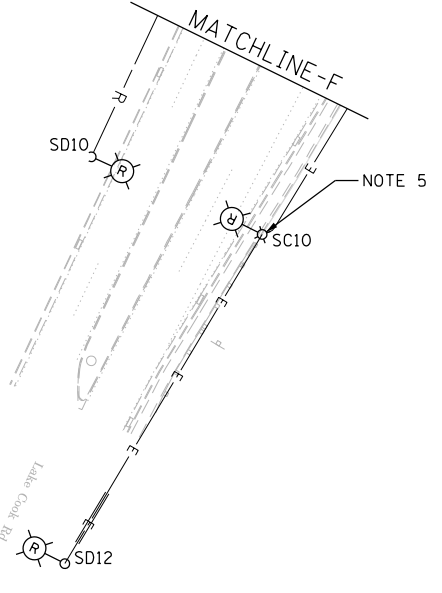
MATCHLINE STA. 765+00.00

MATCHLINE STA. 780+00.00



**NOTES:**

1. SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. EXISTING LIGHTING UNITS SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL PROPOSED LIGHTING SYSTEM IS INSTALLED AND OPERATIONAL.
3. MEDIAN MOUNTED LIGHT POLES, MAST ARMS, AND LUMINAIRES TO BE REMOVED. BARRIER WALL TO BE REPAIRED.
4. EXISTING PVC CONDUIT EMBEDDED IN STRUCTURE AND EXISTING CABLES IN CONDUIT FOR LIGHTING SHALL REMAIN IN PLACE AND SHALL BE RE-USED FOR PROPOSED LIGHTING SYSTEM.
5. LUMINAIRES AND POLE WIRING (HANDHOLE TO LUMINAIRE) TO BE REMOVED FROM THE STRUCTURE MOUNTED LIGHT POLES



USER NAME = korabmp	DESIGNED - VN	REVISED - ADDENDUM 1 9/13/2022
	DRAWN - VN	REVISED -
PLOT SCALE =	CHECKED - RP/MG	REVISED -
PLOT DATE = 9/13/2022	DATE - 7/1/2022	REVISED -

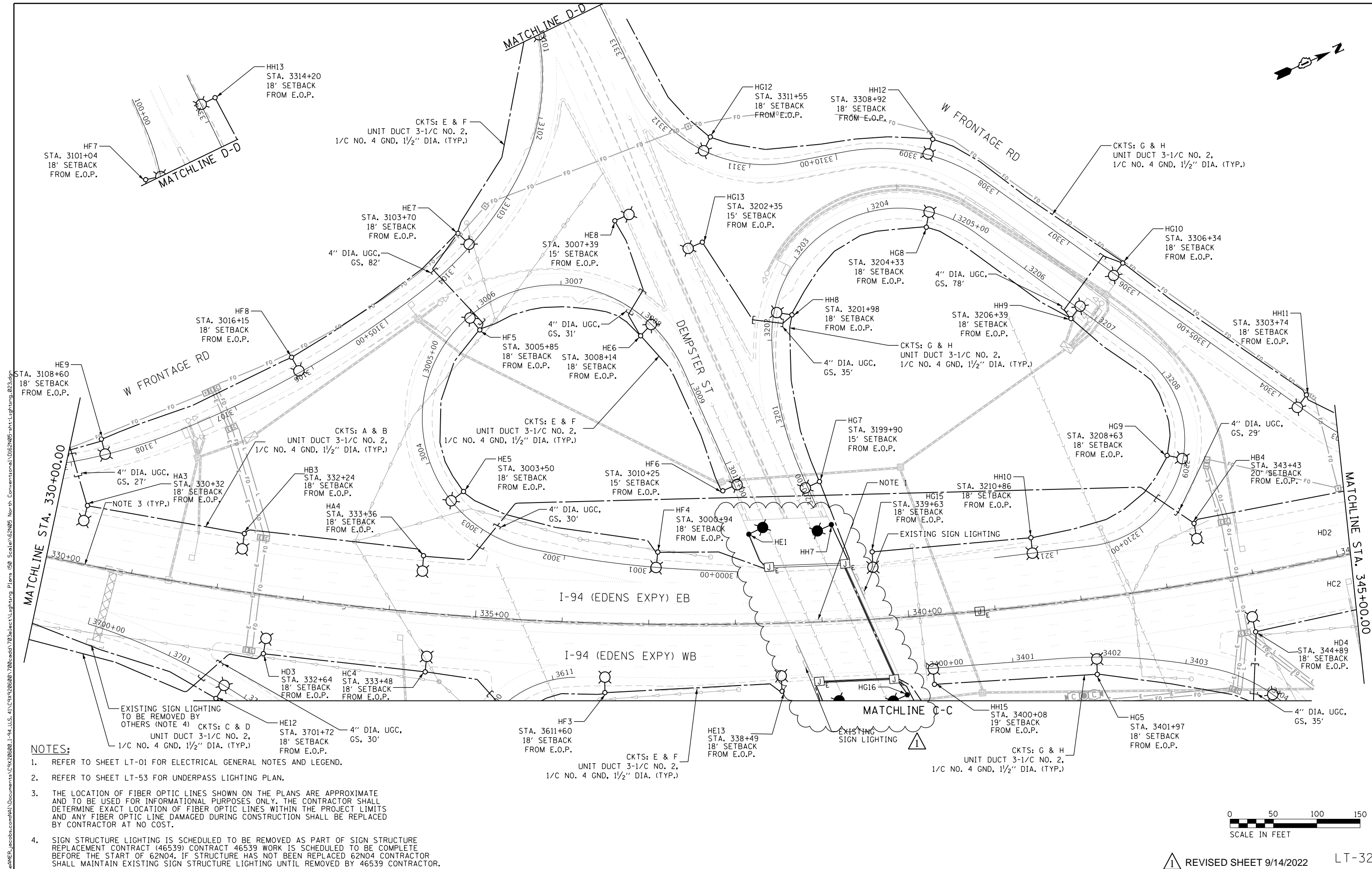
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94 /US 41 SMART HIGHWAY  
I-94 LIGHTING REMOVAL PLANS**

SCALE: 1" = 50'    SHEET 23 OF 86 SHEETS    STA. 765+00 TO STA. 780+00

1		REVISED SHEET 9/14/2022	LT-23
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
US-41	2020-236-L	COOK/LAKE	173
		CONTRACT NO. 62N05	SHEET NO. 104
ILLINOIS FED. AID PROJECT			

c:\p\project\i-94\er\_jacob\camb\h1\Documents\c9228688\_1-94\_ILL-41\c9228688\_7202\add\7203\select\lighting Plans (50 Scale)\E2N05 North Conventional\0162805-nht-light-23.dgn



- NOTES:**
- REFER TO SHEET LT-01 FOR ELECTRICAL GENERAL NOTES AND LEGEND.
  - REFER TO SHEET LT-53 FOR UNDERPASS LIGHTING PLAN.
  - THE LOCATION OF FIBER OPTIC LINES SHOWN ON THE PLANS ARE APPROXIMATE AND TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF FIBER OPTIC LINES WITHIN THE PROJECT LIMITS AND ANY FIBER OPTIC LINE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO COST.
  - SIGN STRUCTURE LIGHTING IS SCHEDULED TO BE REMOVED AS PART OF SIGN STRUCTURE REPLACEMENT CONTRACT (46539) CONTRACT 46539 WORK IS SCHEDULED TO BE COMPLETE BEFORE THE START OF 62N04. IF STRUCTURE HAS NOT BEEN REPLACED 62N04 CONTRACTOR SHALL MAINTAIN EXISTING SIGN STRUCTURE LIGHTING UNTIL REMOVED BY 46539 CONTRACTOR.



REVISION 1 REVISED SHEET 9/14/2022 LT-32



USER NAME = korabmp	DESIGNED - HP	REVISED - 09/13/2022
	DRAWN - MPK	REVISED -
PLOT SCALE =	CHECKED - RAS	REVISED -
PLOT DATE = 9/13/2022	DATE - 10/16/2020	REVISED -

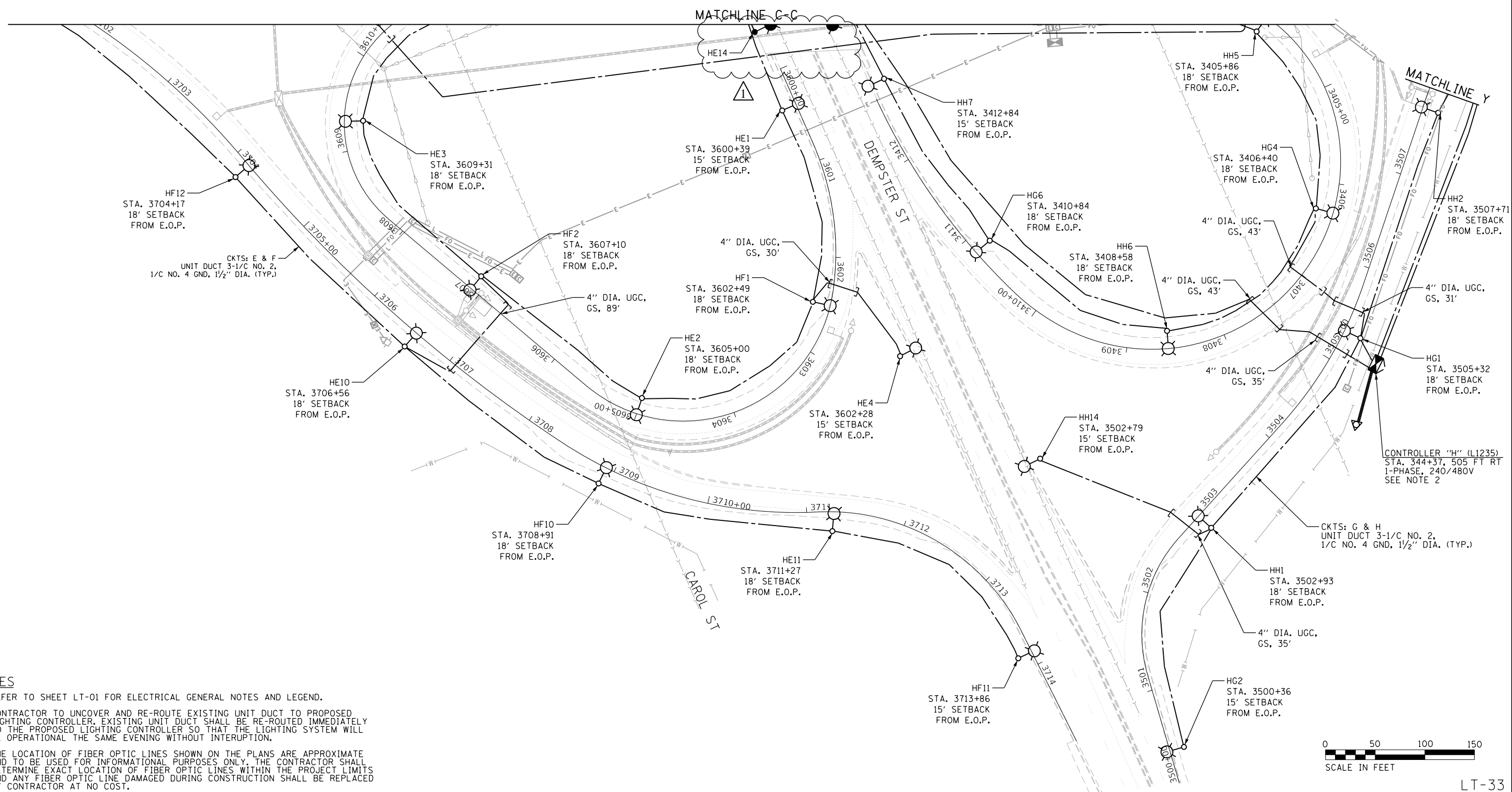
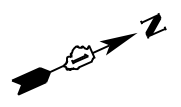
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94 /US 41 SMART HIGHWAY  
I-94 LIGHTING PLANS**

SCALE: 1" = 50' SHEET 32 OF 86 SHEETS STA. 330+00 TO STA. 345+00

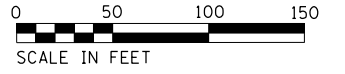
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	113
CONTRACT NO. 62N05				
ILLINOIS FED. AID PROJECT				





**NOTES**

1. REFER TO SHEET LT-01 FOR ELECTRICAL GENERAL NOTES AND LEGEND.
2. CONTRACTOR TO UNCOVER AND RE-ROUTE EXISTING UNIT DUCT TO PROPOSED LIGHTING CONTROLLER. EXISTING UNIT DUCT SHALL BE RE-ROUTED IMMEDIATELY TO THE PROPOSED LIGHTING CONTROLLER SO THAT THE LIGHTING SYSTEM WILL BE OPERATIONAL THE SAME EVENING WITHOUT INTERRUPTION.
3. THE LOCATION OF FIBER OPTIC LINES SHOWN ON THE PLANS ARE APPROXIMATE AND TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF FIBER OPTIC LINES WITHIN THE PROJECT LIMITS AND ANY FIBER OPTIC LINE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR AT NO COST.



**Jacobs**

USER NAME = korabmp	DESIGNED - HP	REVISED - 09/13/2022
PLOT SCALE =	DRAWN - MPK	REVISED -
PLOT DATE = 9/13/2022	CHECKED - RAS	REVISED -
	DATE - 10/16/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-94 /US 41 SMART HIGHWAY  
I-94 LIGHTING PLANS**

SCALE: 1" = 50' SHEET 33 OF 86 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2020-236-L	COOK/LAKE	173	114

CONTRACT NO. 62N05  
ILLINOIS FED. AID PROJECT

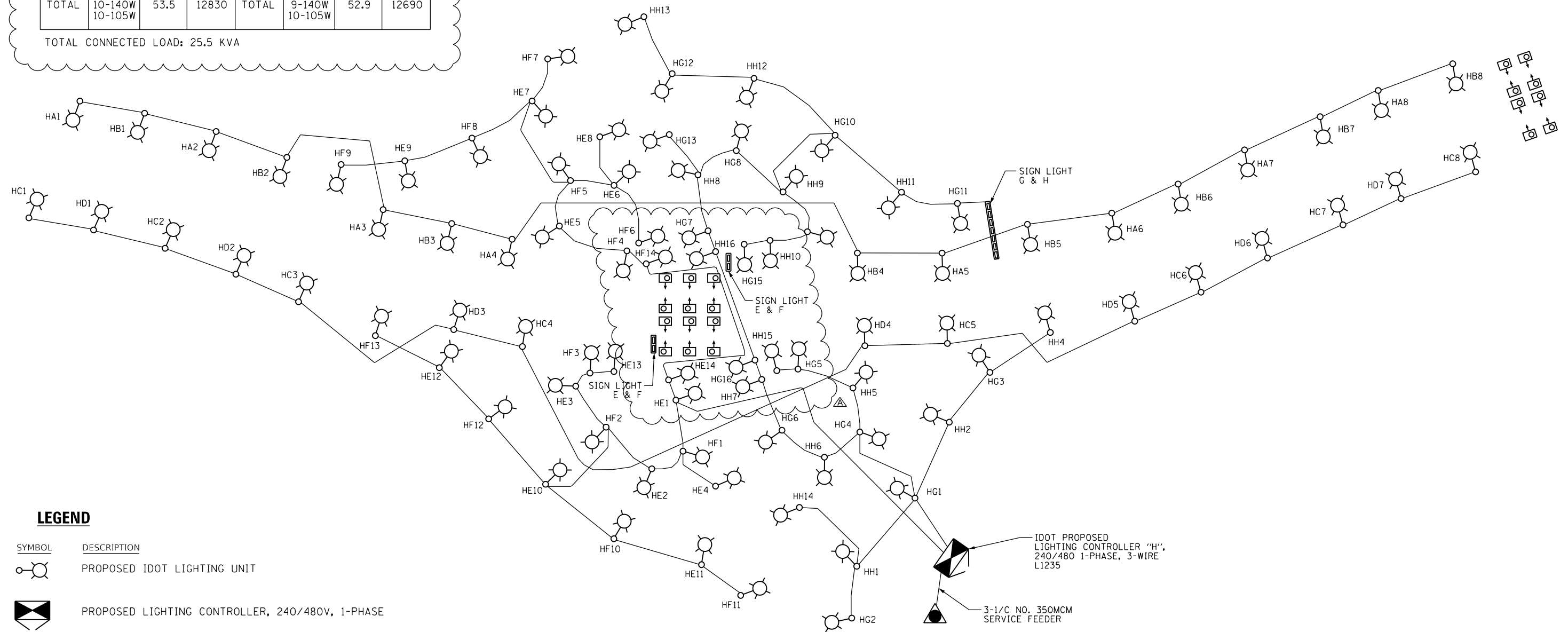
LT-33

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LOAD TABLE							
LIGHTING CONTROLLER "H", 240/480V, 1 PHASE, 3 WIRE							
RED PHASE	NO. LUM.	AMPS	WATTS	BLACK PHASE	NO. LUM.	AMPS	WATTS
A	8-240W	8.0	1920	B	8-240W	8.0	1920
C	8-240W 4-105W	8.5	2340	D	7-240W 4-105W	7.5	2100
E	14-240W 6-140W 2-105W	18.4	4410	F	14-240W 6-140W 2-105W	18.4	4410
G	15-240W 4-140W	17.3	4160	H	16-240W 3-140W	17.8	4260
TOTAL	45-240W 10-140W 10-105W	53.5	12830	TOTAL	45-240W 9-140W 10-105W	52.9	12690

TOTAL CONNECTED LOAD: 25.5 KVA



**LEGEND**

- |  |   |
|--|---|
|  | PROPOSED IDOT LIGHTING UNIT                     |
|  | PROPOSED LIGHTING CONTROLLER, 240/480V, 1-PHASE |
|  | PROPOSED ELECTRIC UTILITY SERVICE               |
|  | PROPOSED UNDERPASS LIGHTING                     |
|  | PROPOSED UNIT DUCT                              |
|  | EXISTING CIRCUIT                                |

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USER NAME = korabmp	DESIGNED - HP	REVISED - 09/13/2022
DRAWN - MPK	CHECKED - RAS	REVISED -
PLOT SCALE =	DATE - 10/16/2020	REVISED -
PLOT DATE = 9/13/2022		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

I-94 / US 41 SMART HIGHWAY  
PROPOSED LIGHTING SCHEMATIC - CONTROLLER H  
SCALE: NTS SHEET 60 OF 86 SHEETS STA. TO STA.

REVISED SHEET 9/14/2022		LT-60	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
94	2020-236-L	COOK/LAKE	173
		SHEET NO. 141	
CONTRACT NO. 62N05			
ILLINOIS FED. AID PROJECT			