

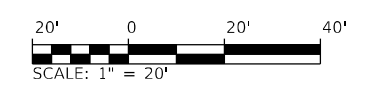


LEGEND:

- C** - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
-  - SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
-  - 4" UNDERDRAIN PIPE

- NOTES:**
1. SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 2. STATIONING FROM CENTERLINE IL 111 OR RAMP BASELINES



MODEL: Default
 FILE NAME: I:\DOT\1706601\Drawings\CADD_Sheets\Advanced_Phase_1\08090917_eht_UnderdrainPlan_Plan111.dwg 08/26/2024

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
DRAWN - RAH	REVISIONS -	
PLOT SCALE = 40,0000 */ in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (6:50:59 AM)	DATE - MARCH 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 582 (IL 111)
UNDERDRAIN PLANS

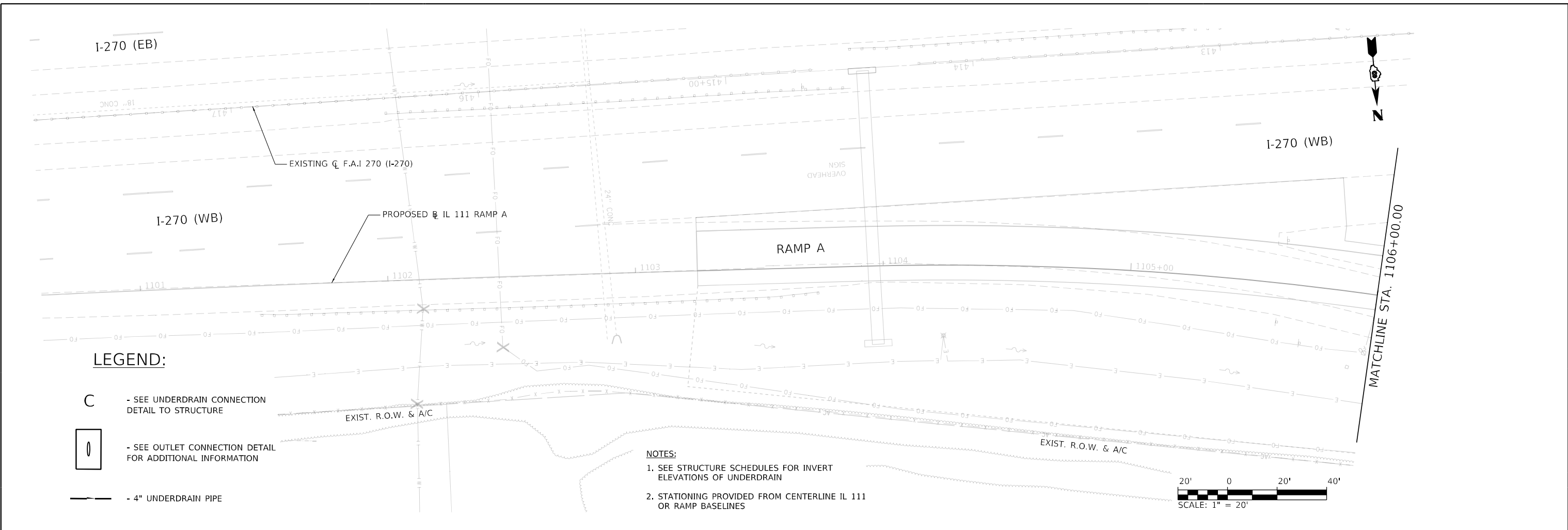
SCALE: 1" = 20' SHEET 7 OF 19 SHEETS STA. 43+40 TO STA. 49+30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	301
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATION	

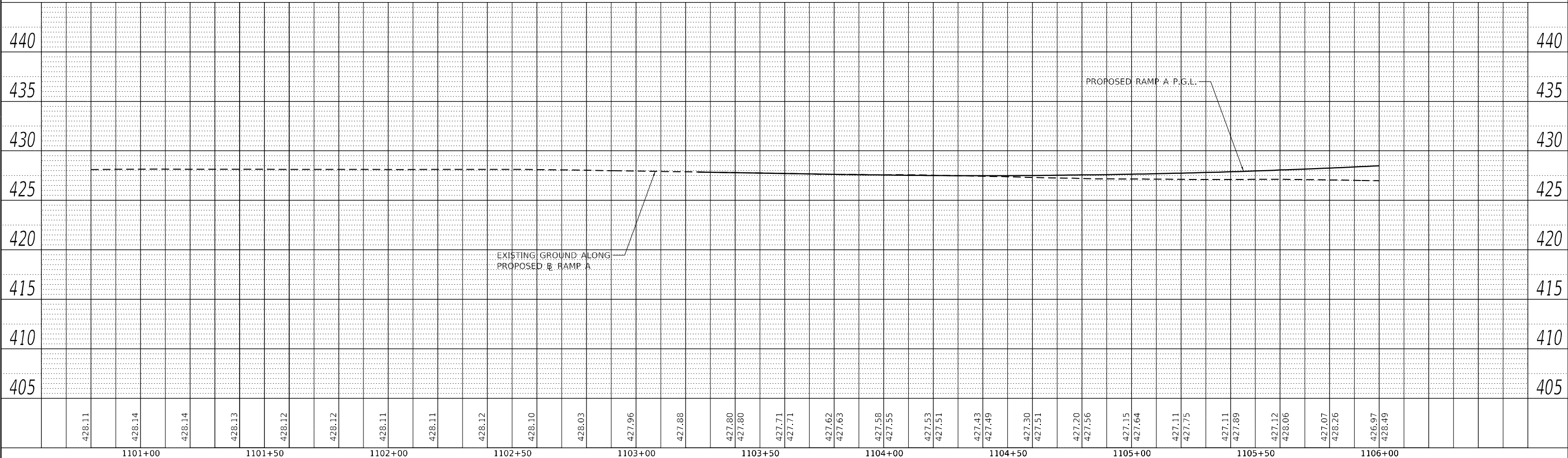
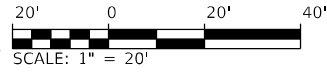
MODEL: RampA-PHP
 FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\1808017-Sub_UnderdrainPlan_RampA_008.dgn



LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
- SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
- 4" UNDERDRAIN PIPE

- NOTES:**
- SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 - STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES



USER NAME = Matt Overbey	DESIGNED -	REVISED -
	DRAWN - RAH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (6:51:00 AM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERDRAIN PLANS
RAMP A**

SCALE: 1" = 20' SHEET 8 OF 19 SHEETS STA. 1101+00 TO STA. 1106+00

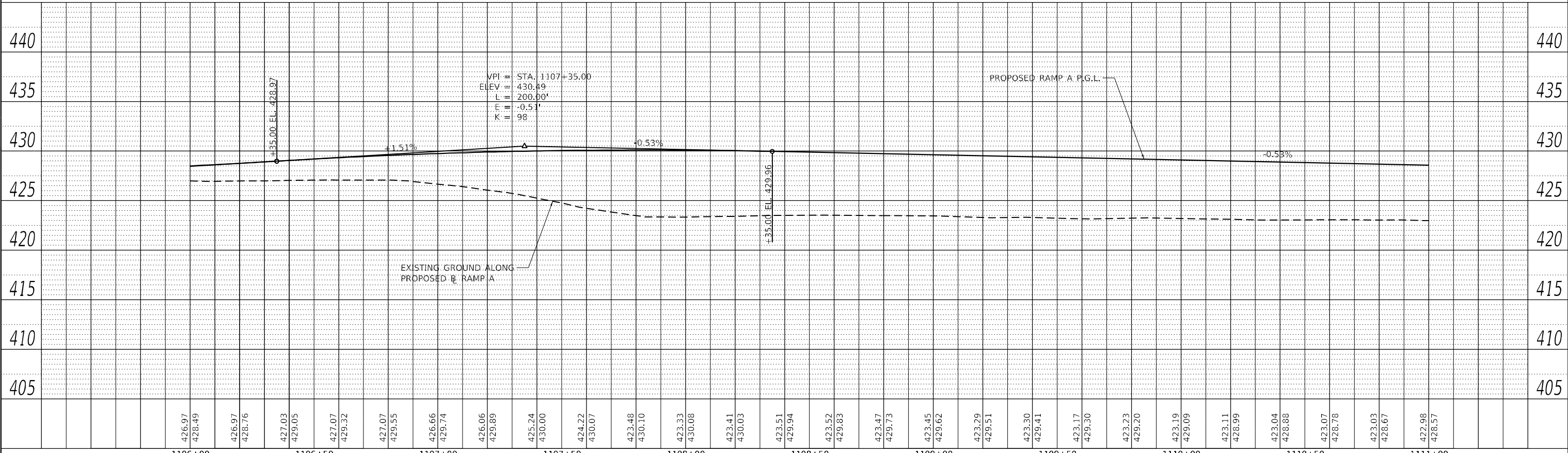
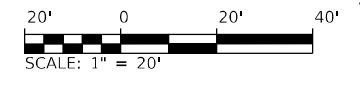
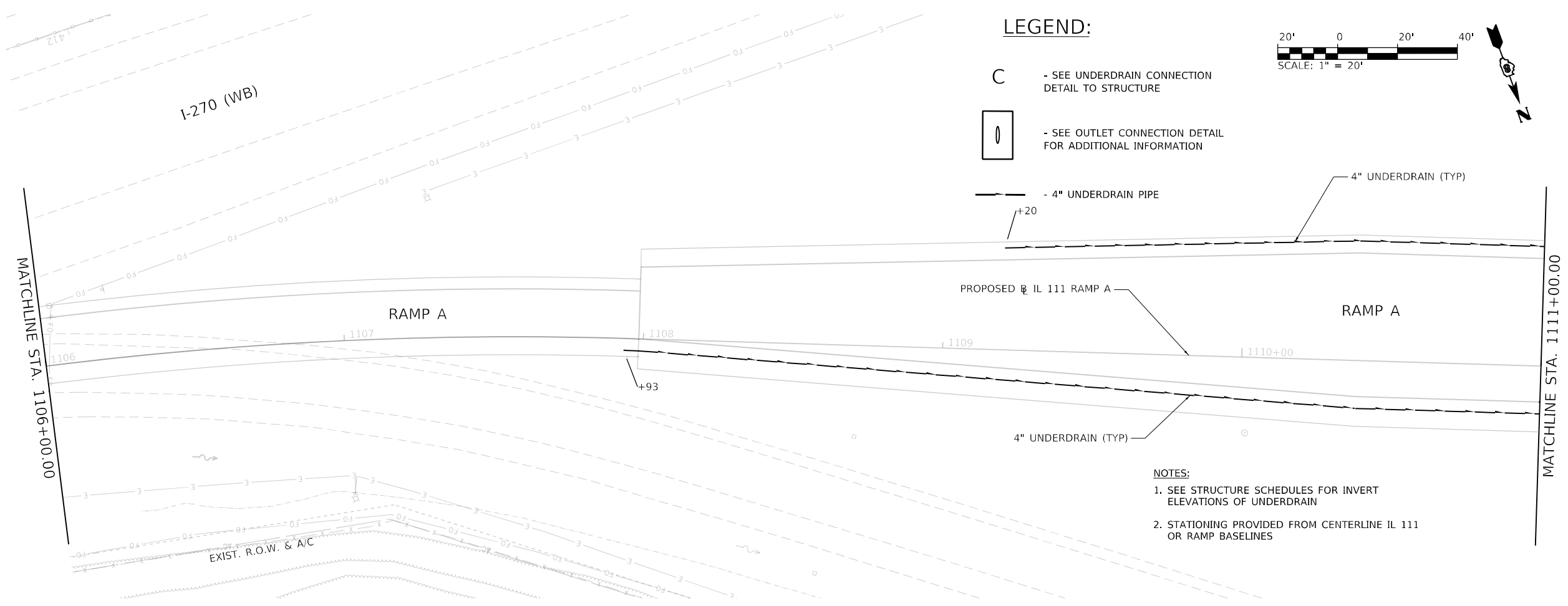
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	302
				CONTRACT NO. 76818

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
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MODEL: RampA-PHP
FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\1806017-Sub_UnderdrainPlan_RampA_009.dgn





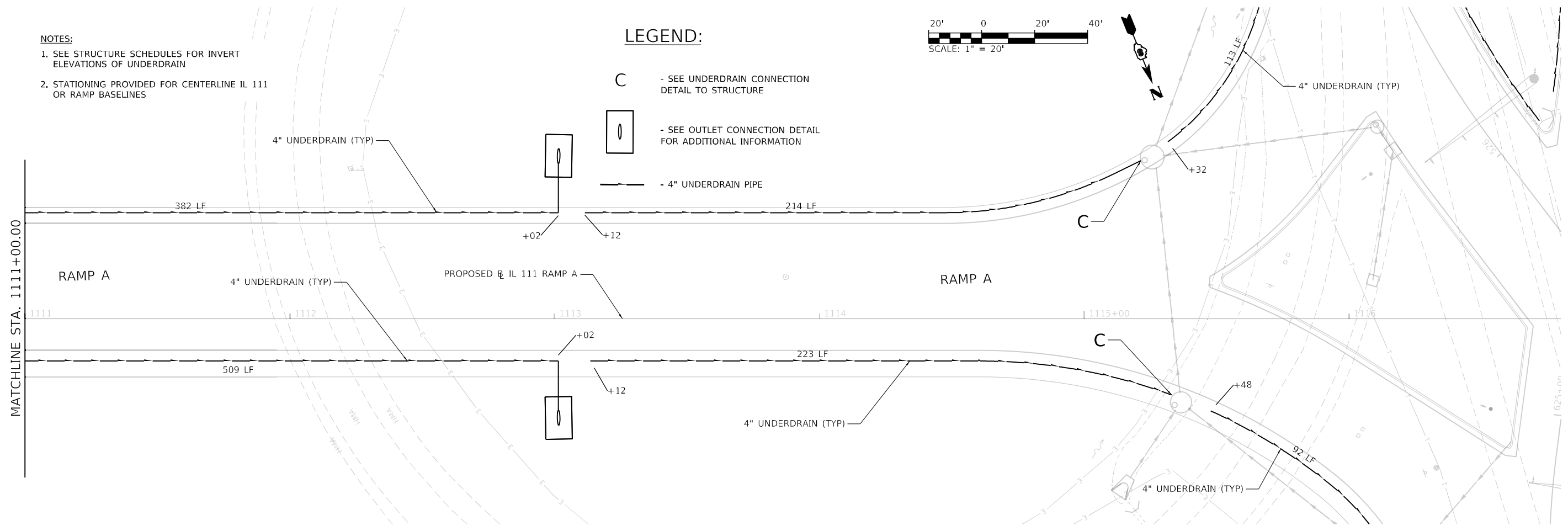
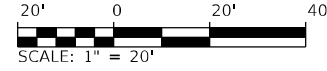
USER NAME = Matt Overbey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNDERDRAIN PLANS RAMP A		F.A.I. RTE. = 270	SECTION = 60-3K-1	COUNTY = MADISON	TOTAL SHEETS = 576	SHEET NO. = 303	
PLOT SCALE = 40,0000 * / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 9 OF 19 SHEETS	STA. 1106+00 TO STA. 1111+00	CONTRACT NO. 76818		ILLINOIS FED. AID PROJECT		
PLOT DATE = 4/26/2024 (6:51:01 AM)	CHECKED - JMM	REVISED -									
	DATE - MARCH 2024	REVISED -									

NOTES:

1. SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
2. STATIONING PROVIDED FOR CENTERLINE IL 111 OR RAMP BASELINES

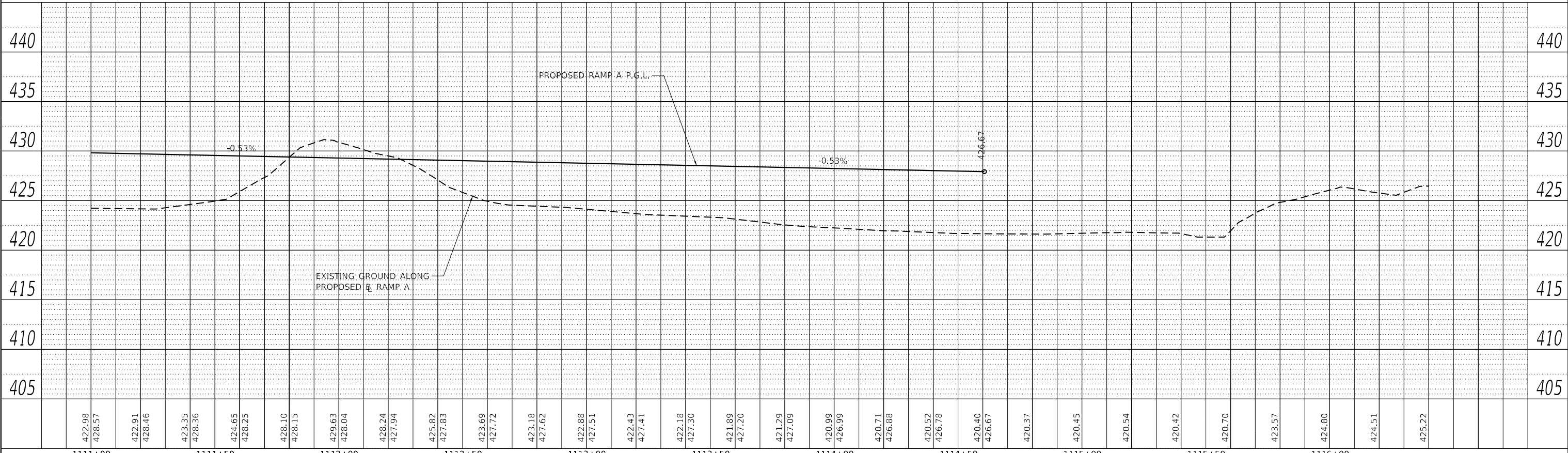
LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
-  - SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
-  - 4" UNDERDRAIN PIPE



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	



422.98	428.57	422.91	428.46	423.35	428.36	424.65	428.25	428.10	428.15	429.63	428.04	428.24	427.94	425.82	427.83	423.69	427.72	423.18	427.62	422.88	427.51	422.43	427.41	422.18	427.30	421.89	427.20	421.29	427.09	420.99	426.99	420.71	426.88	420.52	426.78	420.40	426.67	420.37	420.45	420.54	420.42	420.70	423.57	424.80	424.51	425.22
1111+00	1111+50	1112+00	1112+50	1113+00	1113+50	1114+00	1114+50	1115+00	1115+50	1116+00																																				

USER NAME = Matt Overbey	DESIGNED -	REVISED -
	DRAWN - RAH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (6:51:02 AM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERDRAIN PLANS
RAMP A**

SCALE: 1" = 20' SHEET 10 OF 19 SHEETS STA. 1111+00 TO STA. 1116+00



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	304
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

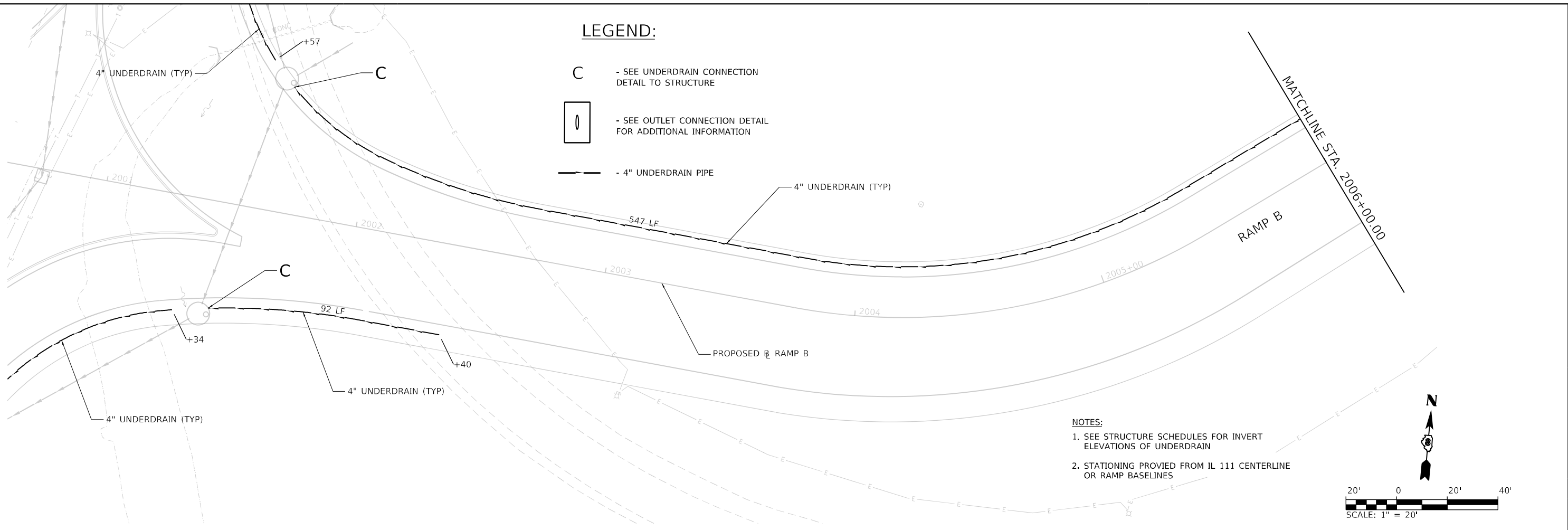
MODEL: RampAs-PHP
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

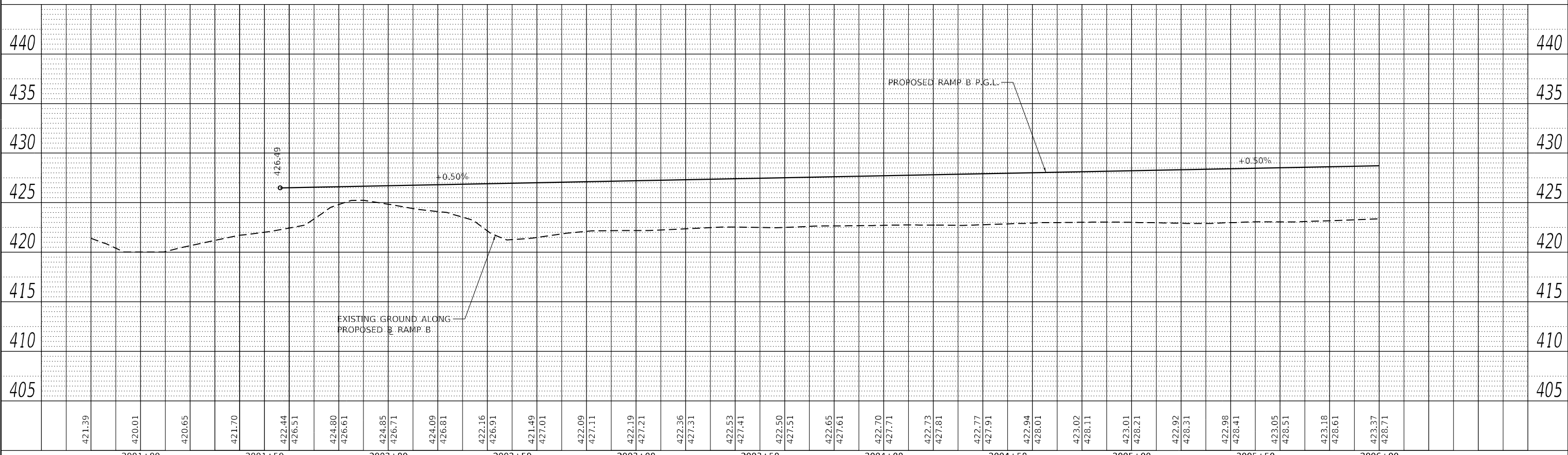
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	

LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
-  - SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
-  - 4" UNDERDRAIN PIPE



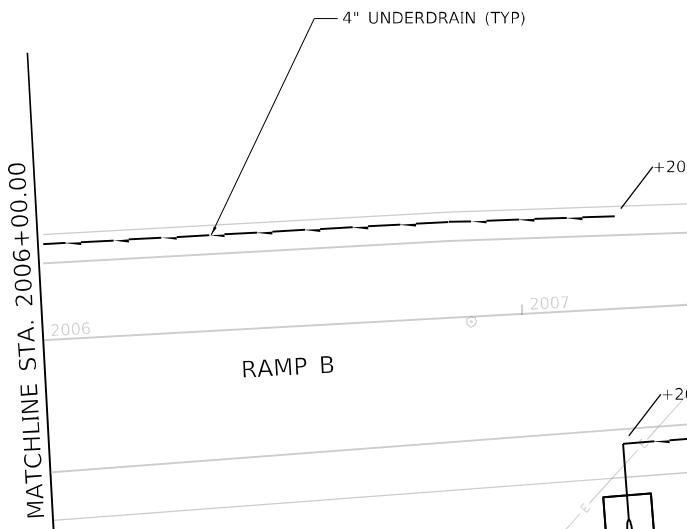
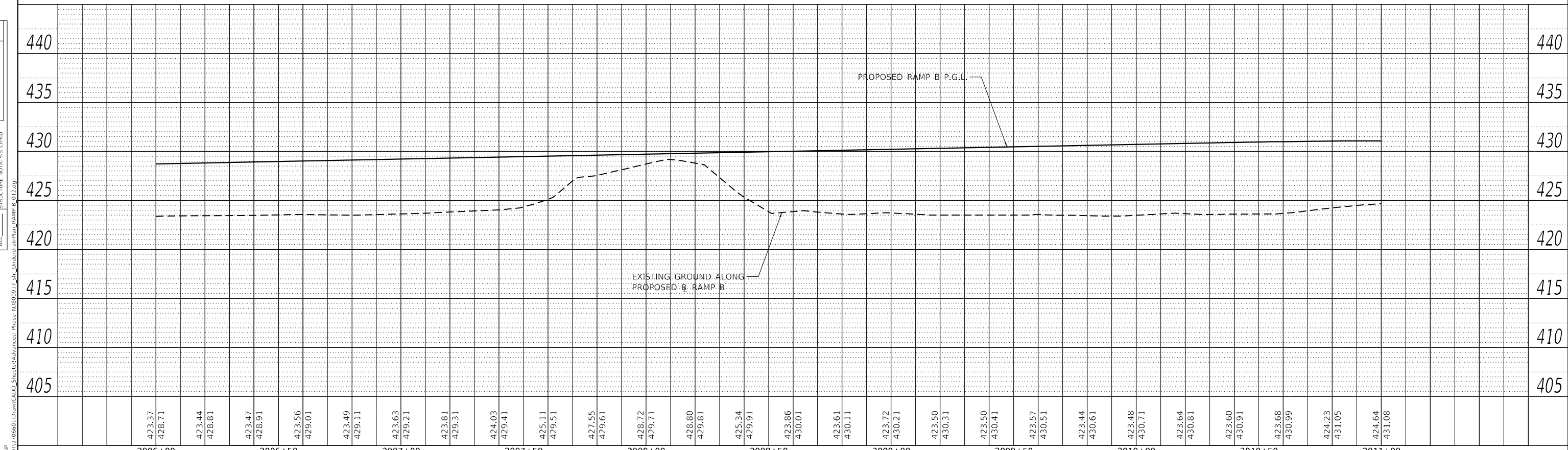
- NOTES:**
- SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 - STATIONING PROVIDED FROM IL 111 CENTERLINE OR RAMP BASELINES



MODEL: RampB-Plan	USER NAME = Matt Overbey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNDERDRAIN PLANS RAMP B				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME: I:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\1808017-Sub_UnderdrainPlan_RampB_011.dgn	PLOT SCALE = 40,0000 * / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 11 OF 19 SHEETS	STA. 2001+00 TO STA. 2006+00	270	60-3K-1	MADISON	576	305	
	PLOT DATE = 4/26/2024 (6:51:03 AM)	CHECKED - JMM	REVISED -		CONTRACT NO. 76818								
		DATE - MARCH 2024	REVISED -		ILLINOIS FED. AID PROJECT								

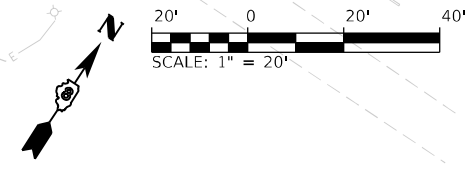
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
- SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
- 4" UNDERDRAIN PIPE



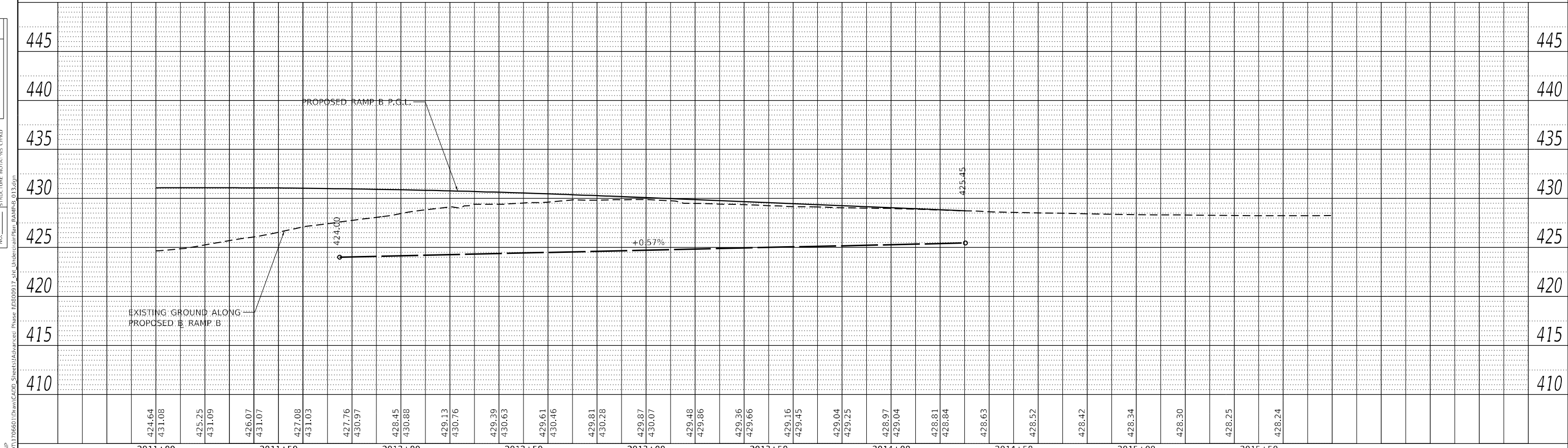
- NOTES:**
1. SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 2. STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES

	USER NAME = Matt Overbey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNDERDRAIN PLANS RAMP B				F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 306
	PLOT SCALE = 40,0000 * / in.	CHECKED - JMM	REVISED -		SCALE: 1" = 20' SHEET 12 OF 19 SHEETS STA. 2006+00 TO STA. 2011+00				CONTRACT NO. 76818				
	PLOT DATE = 4/26/2024 (6:51:04 AM)	DATE - MARCH 2024	REVISED -		ILLINOIS FED. AID PROJECT								

MODEL: RampB-PHP
 FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\0808017-Sub_UnderdrainPlan_RampB_012.dgn

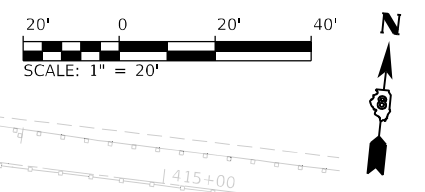
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	



LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
- SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
- 4" UNDERDRAIN PIPE



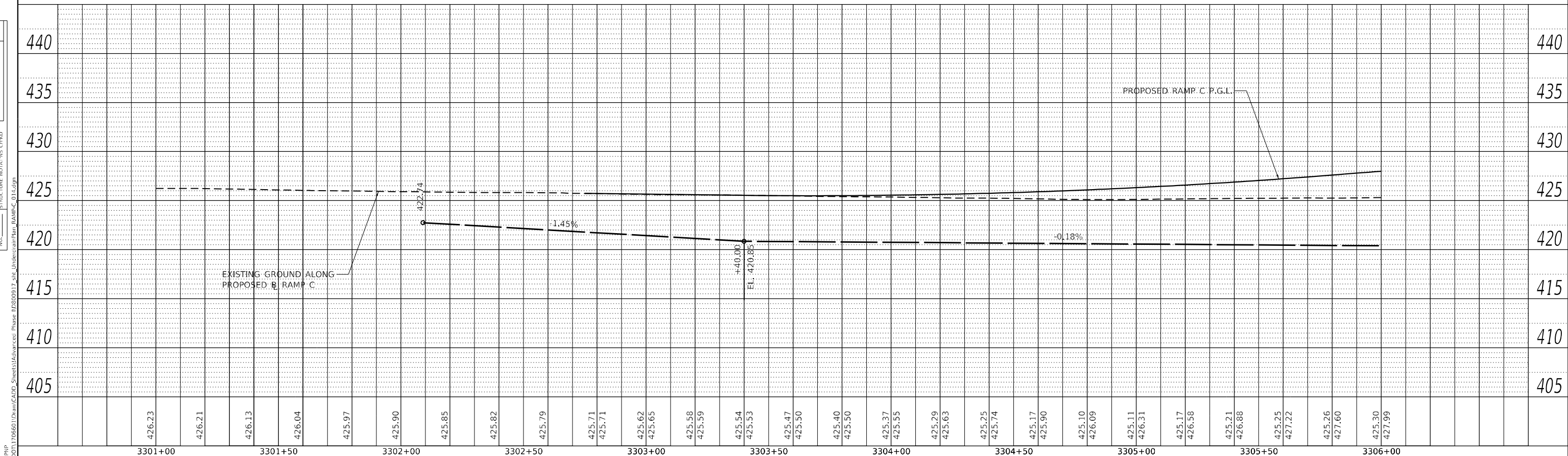
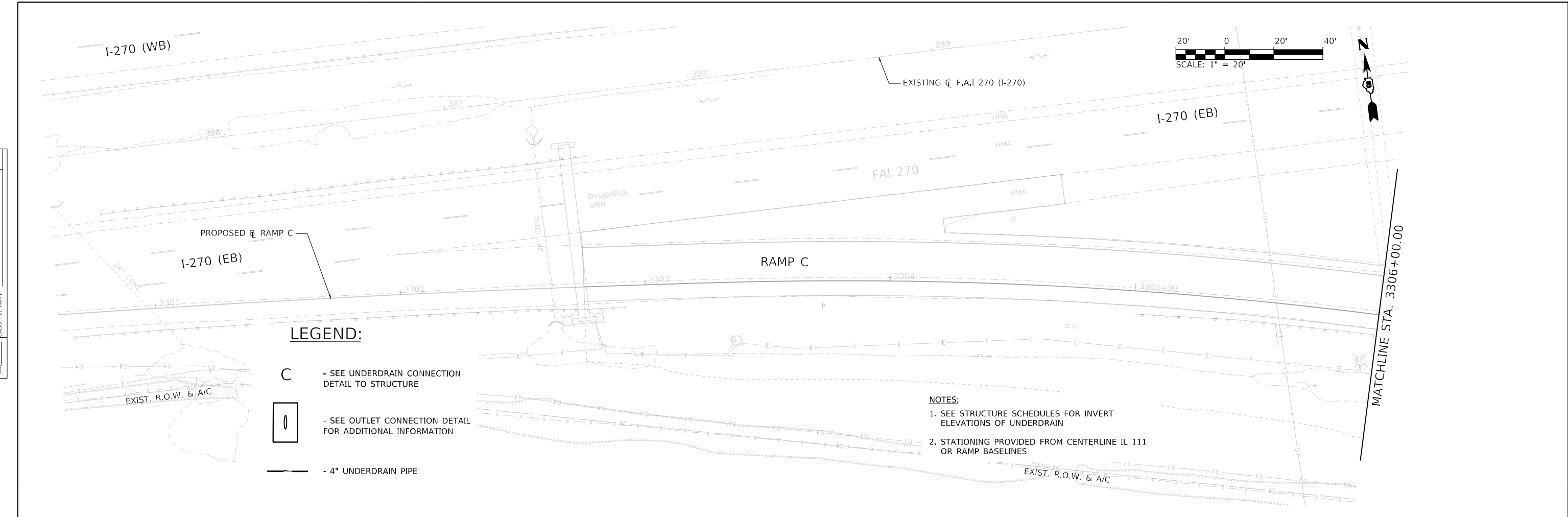
- NOTES:**
- SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 - STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES

424.64	431.08	425.25	431.09	426.07	431.07	427.08	431.03	427.76	430.97	428.45	430.88	429.13	430.76	429.39	430.63	429.61	430.46	429.81	430.28	429.87	430.07	429.48	429.86	429.36	429.66	429.16	429.45	429.04	429.25	428.97	429.04	428.81	428.84	428.63	428.52	428.42	428.34	428.30	428.25	428.24									
2011+00					2011+50					2012+00					2012+50					2013+00					2013+50					2014+00					2014+50					2015+00					2015+50				
USER NAME = Matt Overbey		DESIGNED -		REVISED -		DRAWN - RAH		REVISED -		CHECKED - JMM		REVISED -		DATE - MARCH 2024		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										UNDERDRAIN PLANS RAMP B					F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 307	CONTRACT NO. 76818											
PLOT SCALE = 40,0000 * / in.		PLOT DATE = 4/26/2024 (6:51:05 AM)		SCALE: 1" = 20'	SHEET 13	OF 19 SHEETS	STA. 2011+00	TO STA. 2016+00	ILLINOIS	FED. AID PROJECT																																							

MODEL: RampB-PHP
FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\0808017_Sht_UnderdrainPlan_RampB_013.dwg

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	



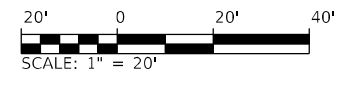
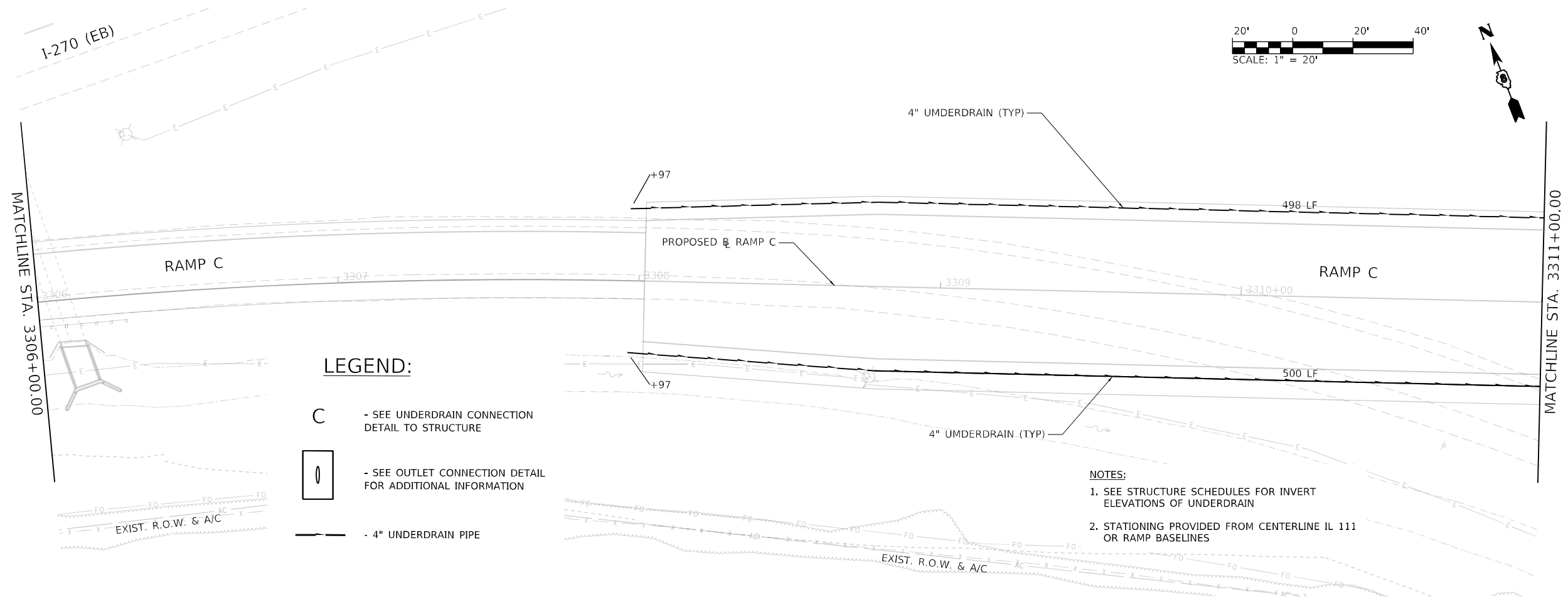
USER NAME = Matt Overbey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNDERDRAIN PLANS RAMP C		F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 308	
PLOT SCALE = 40,0000 * / in.	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 14 OF 19 SHEETS	STA. 3301+00 TO STA. 3306+00	CONTRACT NO. 76818				
PLOT DATE = 4/26/2024 (6:51:06 AM)	CHECKED - JMM	REVISED -		ILLINOIS FED. AID PROJECT							
	DATE - MARCH 2024	REVISED -									

MODEL: RampC-PHP
 FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\0808017-Sub_UnderdrainPlan_RAMP_C_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	

MODEL: Ramp03a-PIP
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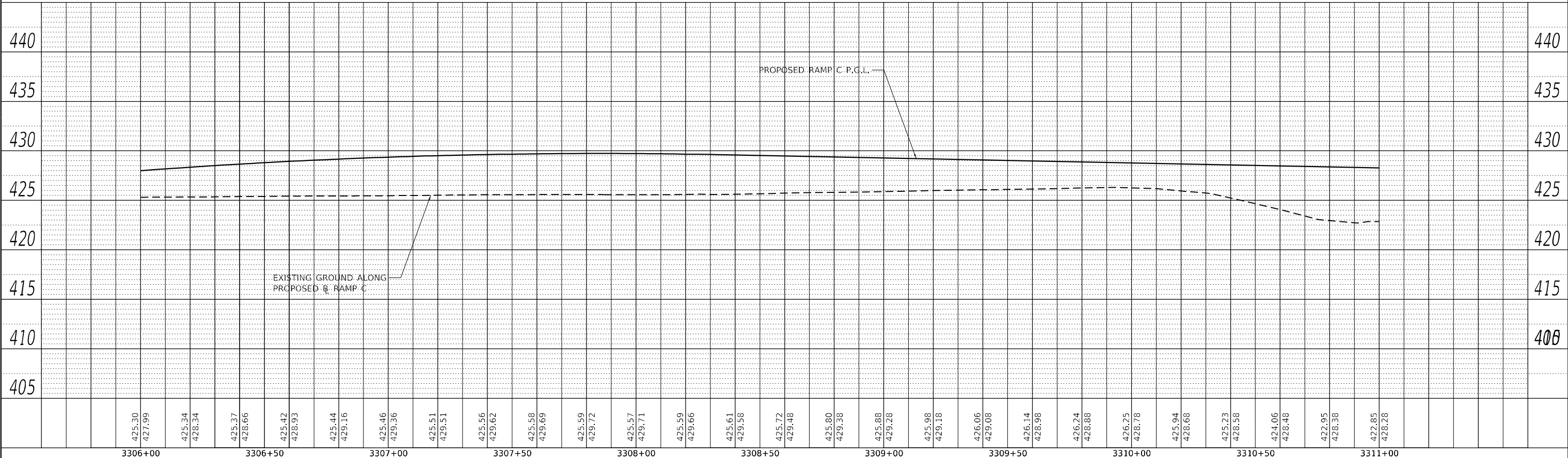


LEGEND:

- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
- 0 - SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
- 4" UNDERDRAIN PIPE

NOTES:

1. SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
2. STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES



USER NAME = Matt Overbey	DESIGNED -	REVISED -
	DRAWN - RAH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (6:51:07 AM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERDRAIN PLANS
RAMP C**

SCALE: 1" = 20' SHEET 15 OF 19 SHEETS STA. 3306+00 TO STA. 3311+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	309
				CONTRACT NO. 76818

ILLINOIS FED. AID PROJECT

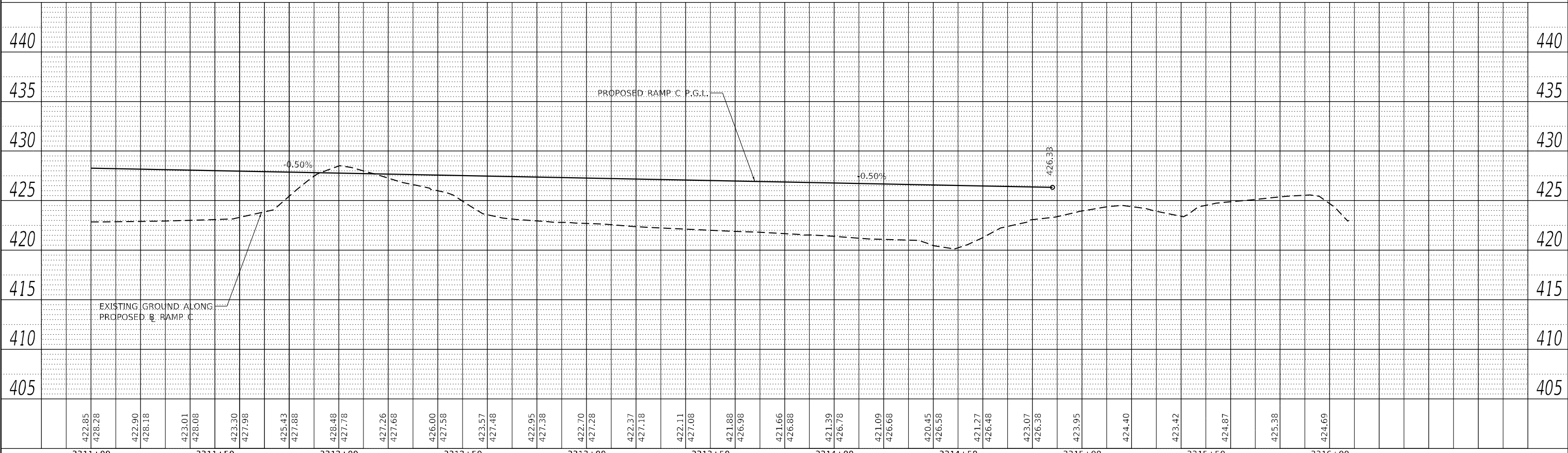
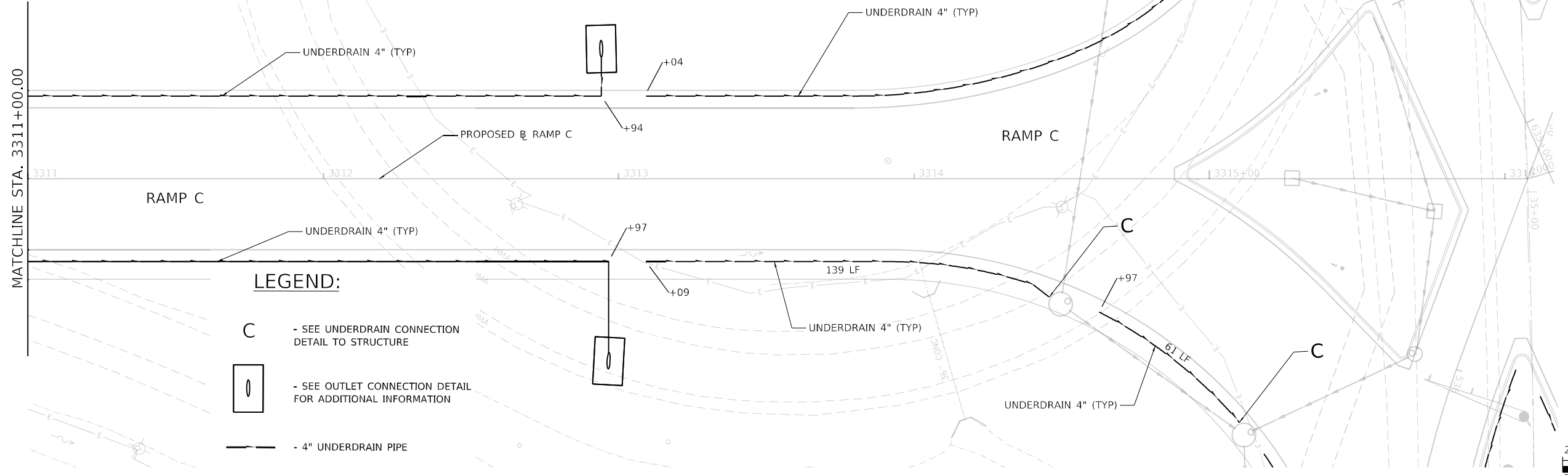
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	

MODEL: RampC-Plan
 FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\0808017-Sub_UnderdrainPlan_RampC_016.dgn



- NOTES:**
- SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 - STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES



422.85	428.28	422.90	428.18	423.01	428.08	423.30	427.98	425.43	427.88	428.48	427.78	427.26	427.68	426.00	427.58	423.57	427.48	422.95	427.38	422.70	427.28	422.37	427.18	422.11	427.08	421.88	426.98	421.66	426.88	421.39	426.78	421.09	426.68	420.45	426.58	421.27	426.48	423.07	426.38	423.95	424.40	423.42	424.87	425.38	424.69
3311+00		3311+50		3312+00		3312+50		3313+00		3313+50		3314+00		3314+50		3315+00		3315+50		3316+00																									
USER NAME = Matt Overbey		DESIGNED -		REVISED -		DRAWN - RAH		REVISED -		CHECKED - JMM		REVISED -		DATE - MARCH 2024		REVISED -																													
PLOT SCALE = 40,0000 * / in.		PLOT DATE = 4/26/2024 (6:51:09 AM)																																											

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERDRAIN PLANS
RAMP C**

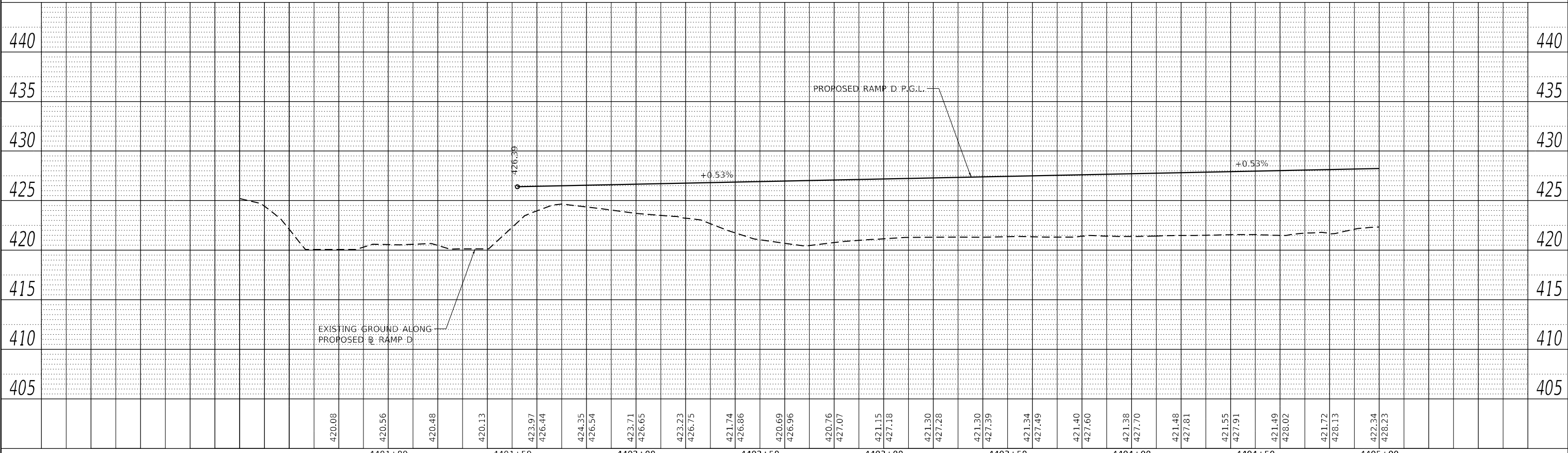
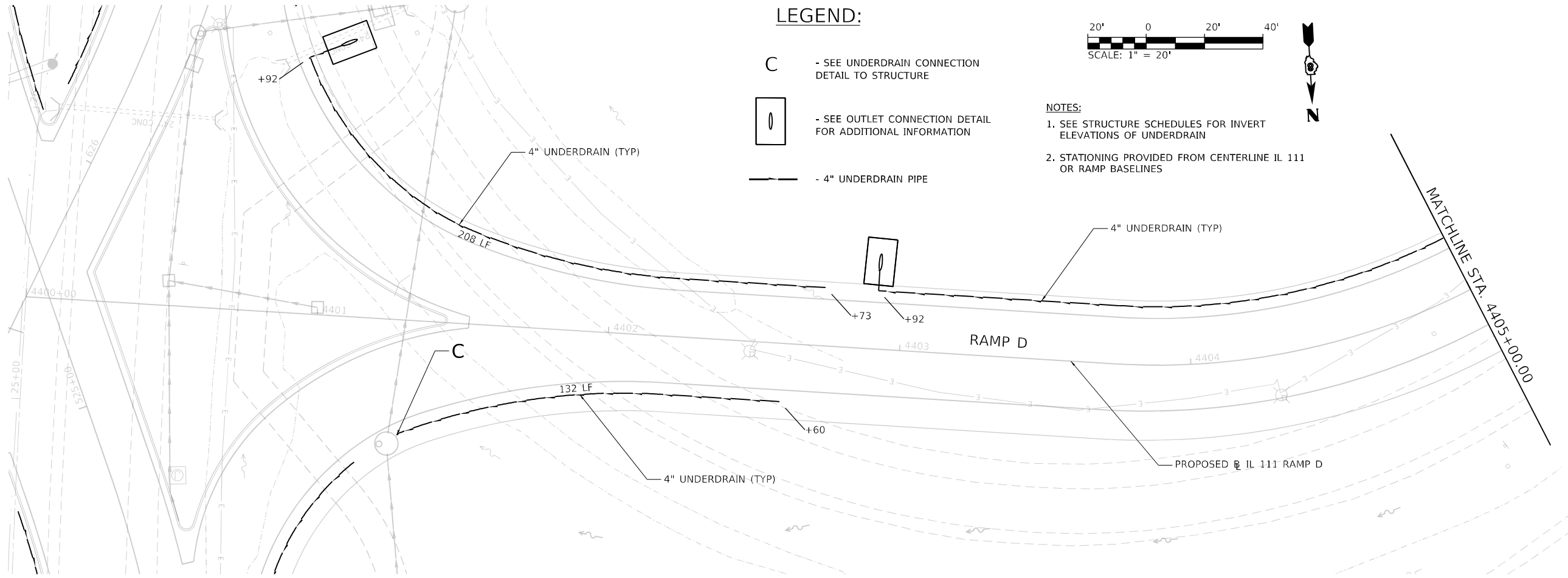
SCALE: 1" = 20' SHEET 16 OF 19 SHEETS STA. 3311+00 TO STA. 3316+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	310
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	

MODEL: RampD-Plan
FILE NAME: E:\DOT\1706601\Draw\CADD_Sheets\Advance\Phase 1\0808017-Sub_UnderdrainPlan_RampD-017.dwg



USER NAME = Matt Overbey	DESIGNED -	REVISED -
	DRAWN - RAH	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (6:51:10 AM)	DATE - MARCH 2024	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

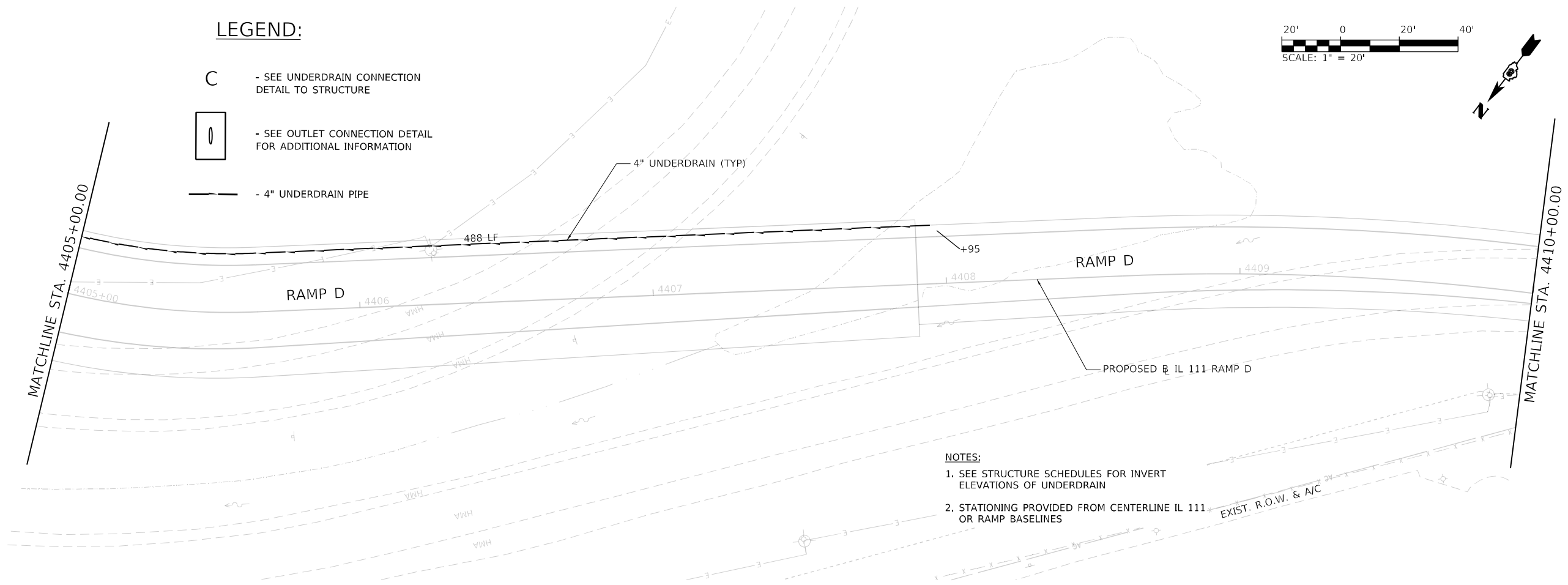
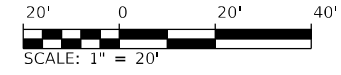
**UNDERDRAIN PLANS
RAMP D**

SCALE: 1" = 20' SHEET 17 OF 19 SHEETS STA. 4401+00 TO STA. 4405+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	311
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

LEGEND:

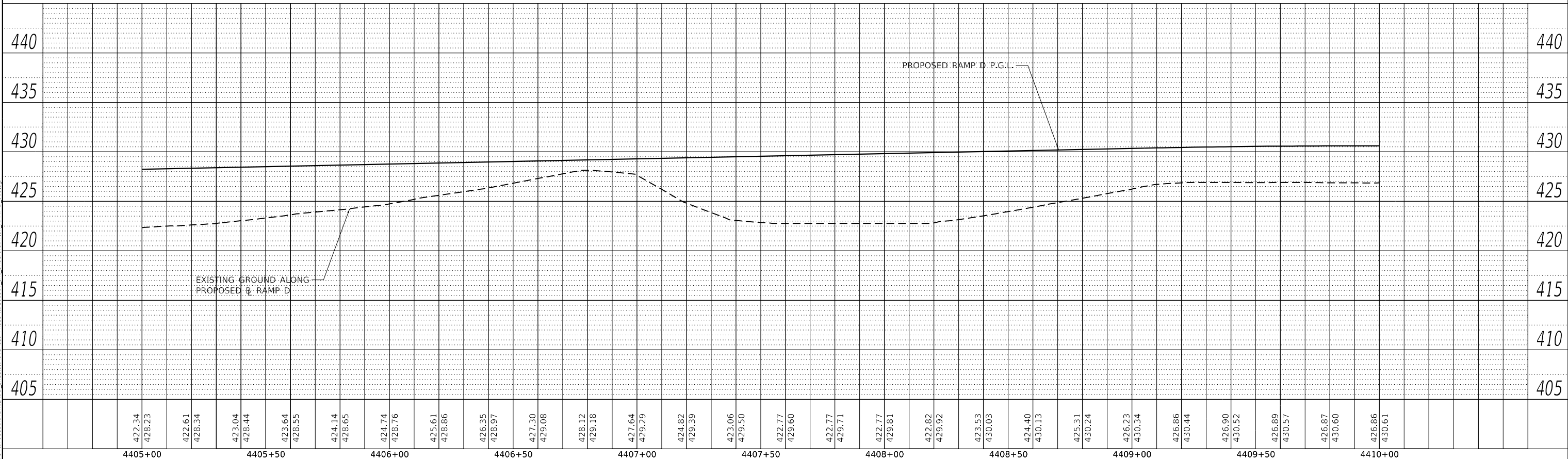
- C - SEE UNDERDRAIN CONNECTION DETAIL TO STRUCTURE
-  - SEE OUTLET CONNECTION DETAIL FOR ADDITIONAL INFORMATION
-  - 4" UNDERDRAIN PIPE



- NOTES:**
- SEE STRUCTURE SCHEDULES FOR INVERT ELEVATIONS OF UNDERDRAIN
 - STATIONING PROVIDED FROM CENTERLINE IL 111 OR RAMP BASELINES

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	CADD FILE NAME	
	NO.	



MODEL: RampD-PIP
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USER NAME = Matt Overbey	DESIGNED -	REVISED -
	DRAWN - RAH	REVISED -
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PLOT DATE = 4/26/2024 (6:51:11 AM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERDRAIN PLANS
RAMP D**

SCALE: 1" = 20' SHEET 18 OF 19 SHEETS STA. 4405+00 TO STA. 4410+00

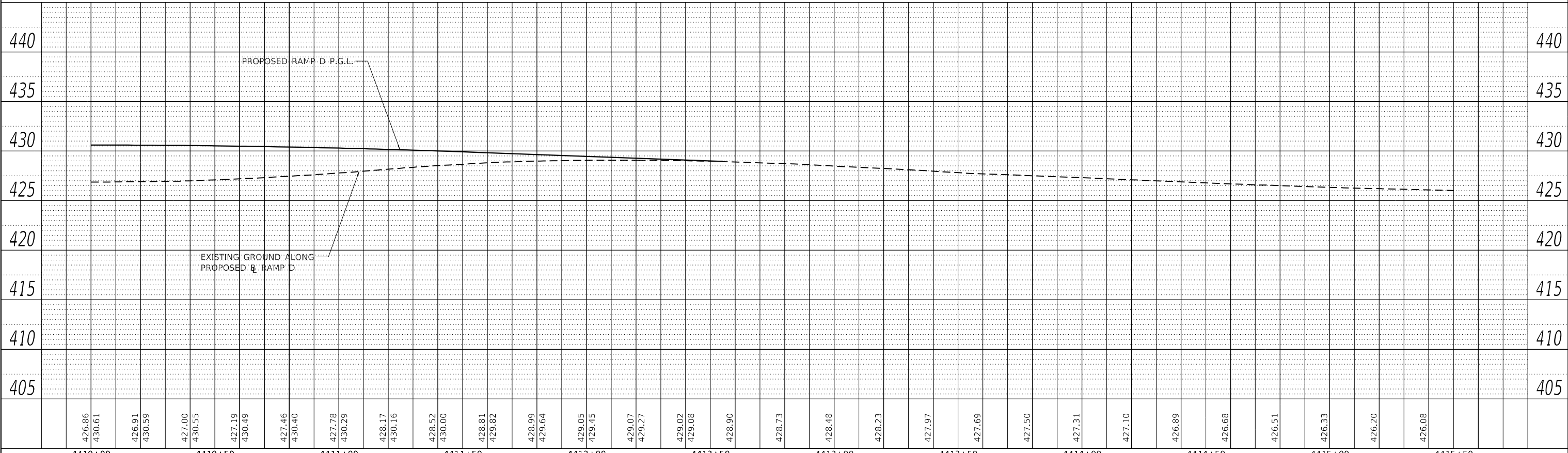
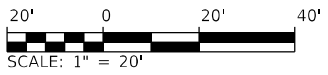
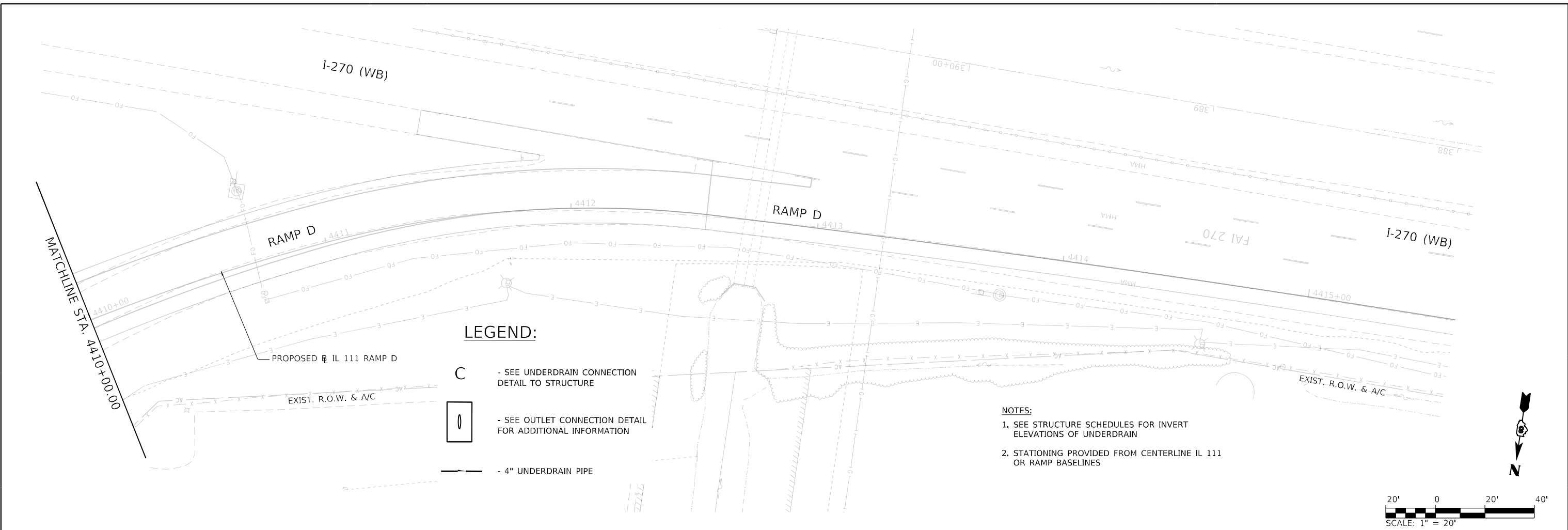
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	312
CONTRACT NO. 76818				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	

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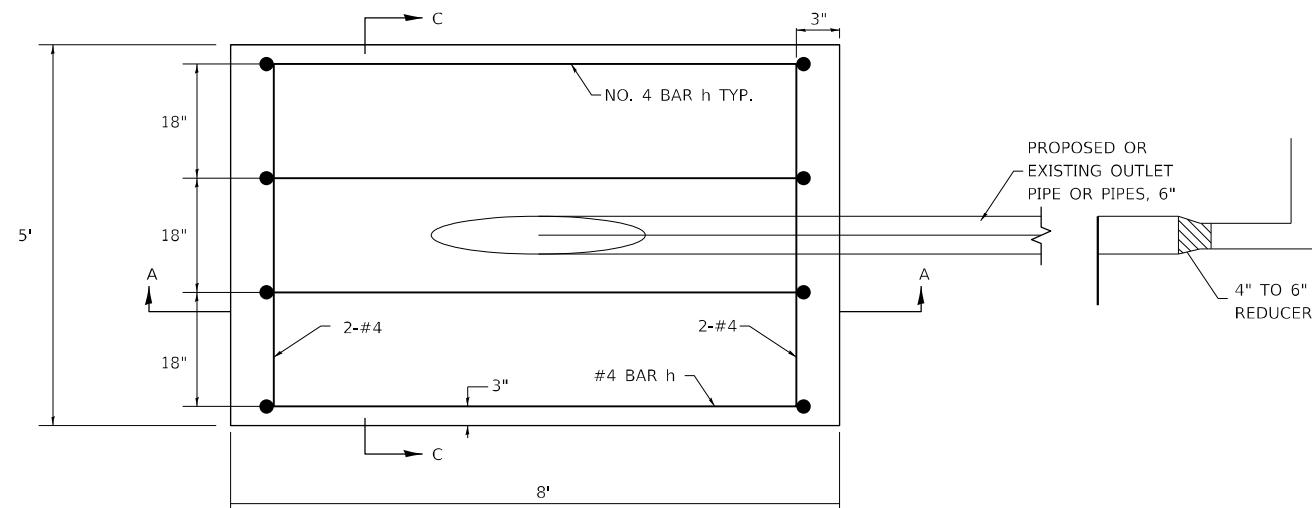
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	DRAWN - RAH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

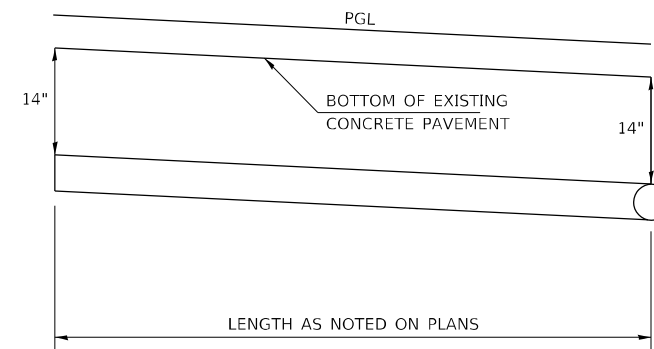
**UNDERDRAIN PLANS
RAMP D**

SCALE: 1" = 20' SHEET 19 OF 19 SHEETS STA. 4410+00 TO STA. 4415+50

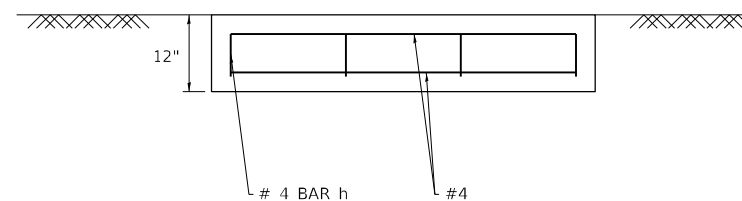
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	313
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



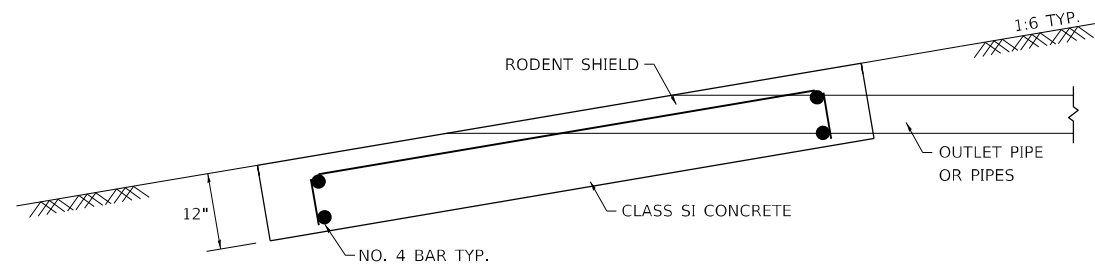
PLAN VIEW



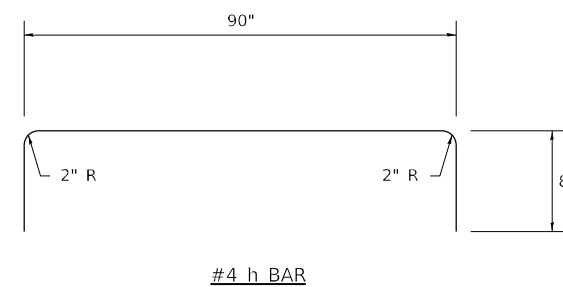
PIPE UNDERDRAIN DETAIL



SECTION C-C



SECTION A-A



UNDERDRAIN OUTLET PROTECTOR DETAIL

NOTES

- SEE STANDARD 601101 FOR DETAILS OF RODENT SHIELDS.
- THE OUTLET PIPE OR PIPES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE CENTER OF THE OUTLET PROTECTOR.
- THE LAST 10 FEET OF OUTLET PIPE SHALL BE SCHEDULE 40 PVC.
- REINFORCEMENT BARS MAY BE CUT OR RELOCATED TO ACCOMMODATE PIPE.
- CUT OUTLET PIPE ON A BEVEL TO MATCH FINISHED SURFACE OF SURROUNDING PCC.

APPROXIMATE OUTLET PROTECTOR QUANTITIES FOR EACH OUTLET PROTECTOR		
CLASS SI CONCRETE PIPE UNDERDRAIN OUTLET	REINFORCEMENT BARS	RODENT SHIELD
CU YD 1.5	LB 35.6	EACH 1

MODEL: Outlet_Sheet_1
FILE NAME: E:\DOT\1706801\Draw\CADD_Sheets\Advanced Phase IL

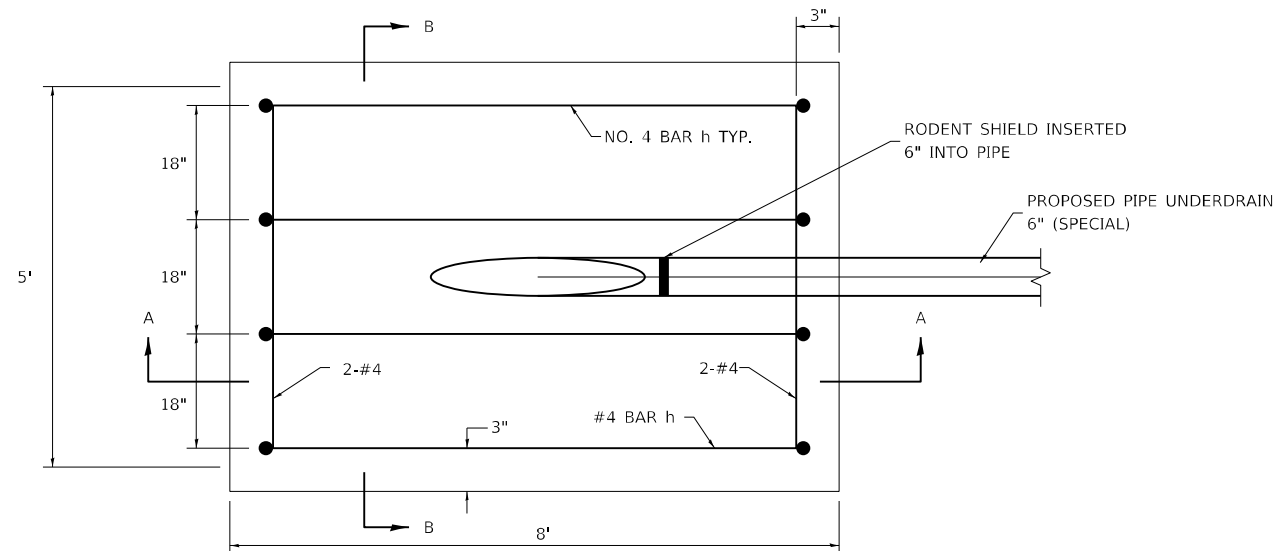
USER NAME = Blake Young	DESIGNED - MJO	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - RAH	REVISED -
PLOT DATE = 6/4/2024 (7:00:45 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

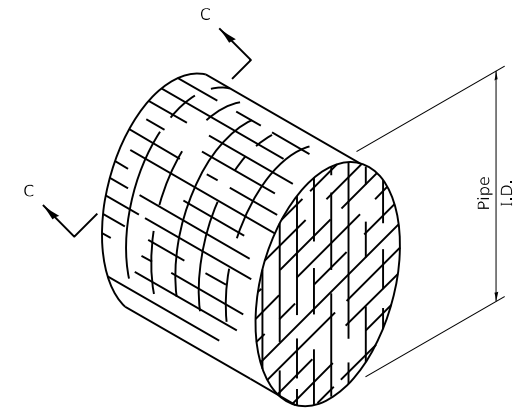
OUTLET PROTECTOR DETAIL
F.A.P. 582 (IL-111)

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

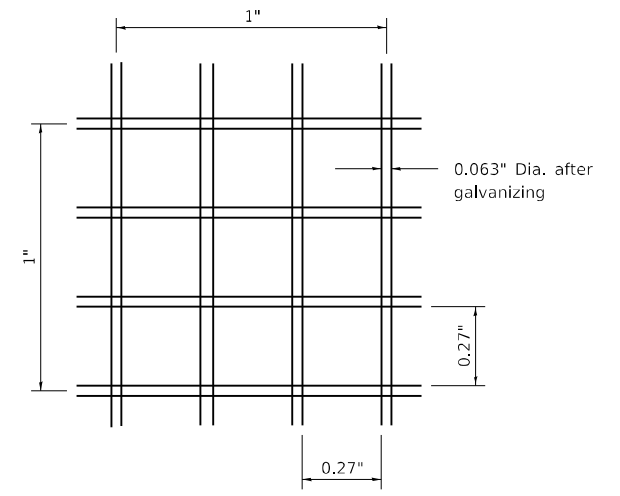
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	314
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



PLAN VIEW



DETAIL OF RODENT SHIELD



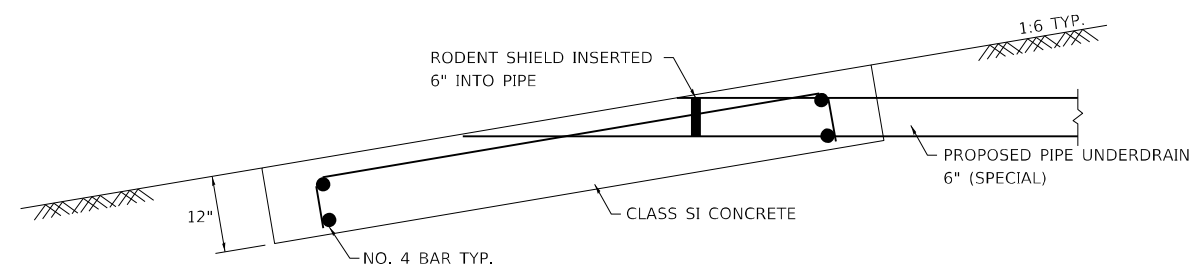
SECTION C-C

NOTES

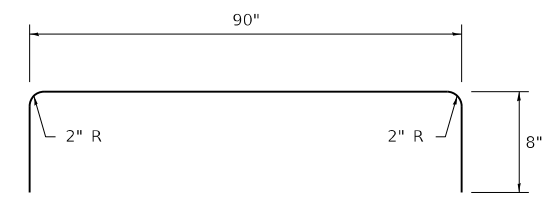
- The outlet pipe or pipes shall be located as close as possible to the center of the outlet protector.
- The last 10' of outlet pipe shall be schedule 40 PVC.
- The rebars may be cut or relocated to accommodate pipe.
- Cut outlet pipe on a bevel to match finished surface of surrounding PCC.

OUTLET PROTECTOR BILL OF MATERIALS

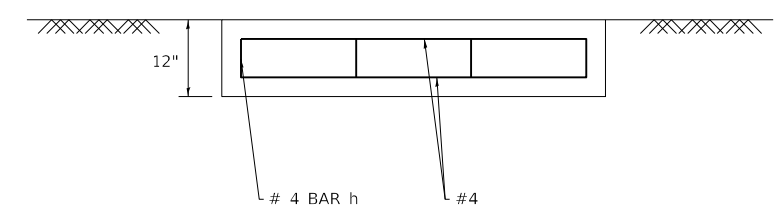
PAY ITEM	UNIT	QUANTITY (EACH OUTLET PROTECTOR)
CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	1.5
REINFORCING BARS	LB	35.6
RODENT SHIELDS	EACH	1



SECTION A-A



#4 h BAR



SECTION B-B

MODEL: Outlet_Sheet_2
FILE NAME: I:\DOT\170660\Draw\CADD_Sheets\Advanced_Phase_1\080917_ch1_Underdrain_OutletProtectionDetail.dgn

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PLOT SCALE = 100,0000' / in.	DRAWN - RAH	REVISED -
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	DATE - MARCH 2024	REVISED -

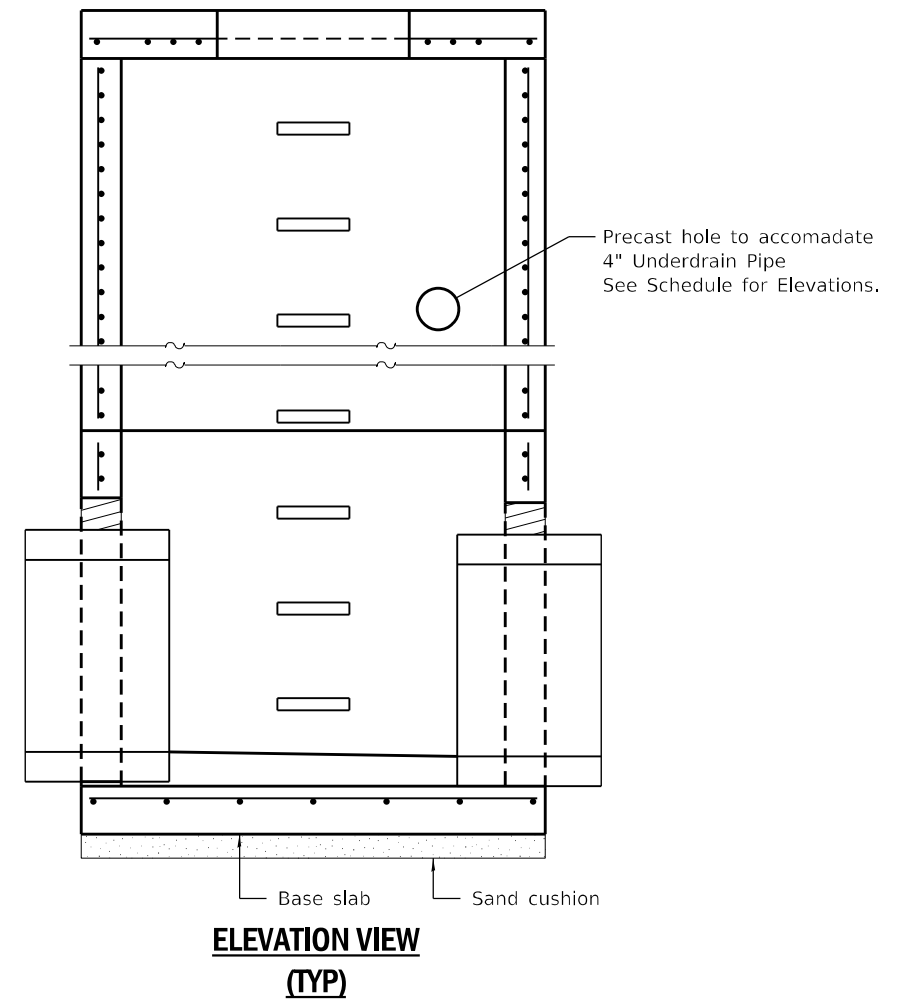
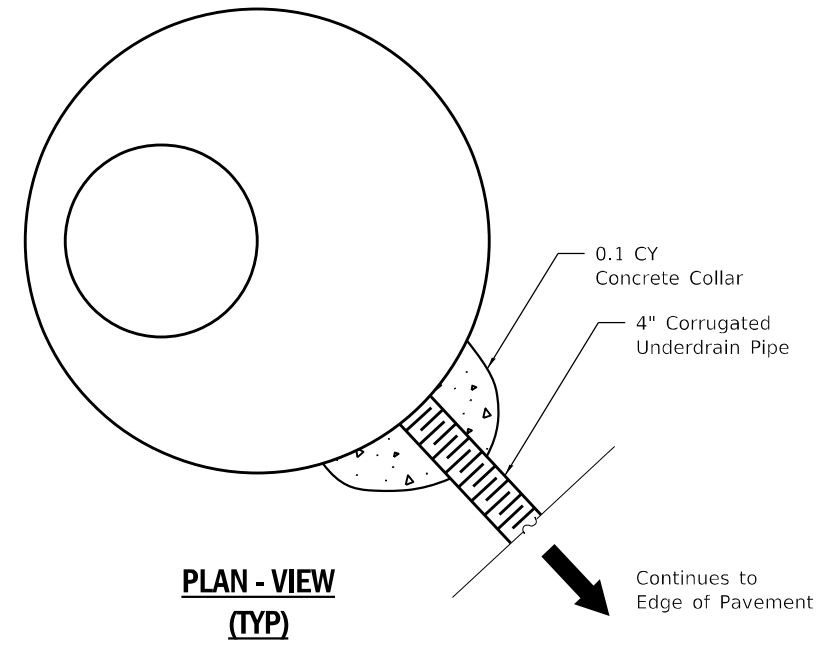
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTECTOR DETAIL
F.A.P. 582 (IL-111)

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	315
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

DESIGN DETAIL BC-D-4



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	DRAWN - RAH	REVISED -
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PLOT DATE = 4/26/2024 (6:52:38 AM)	DATE - MARCH 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERDRAIN CONNECTION DETAIL TO MANHOLE
F.A.P. 582 (IL-111)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	316
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

PIPE UNDERDRAIN SCHEDULE

STATION		OFFSET	EDGE OF PAVEMENT	PIPE UNDERDRAINS,		REINFORCEMENT BARS	RODENT SHIELDS	CLASS S1 CONCRETE PIPE UNDERDRAIN OUTLET	UNDERDRAIN CONNECTION TO STRUCTURE
				TYPE 1, 4" (FOOT)	6" (SPECIAL) (FOOT)				
IL 111									
22+45	24+84	RT	OUTSIDE	243					1
23+48	24+61	RT	MEDIAN	132					1
23+46	24+71	LT	MEDIAN	137					1
23+63	24+42	LT	OUTSIDE	81	20	35.6	1	1.5	
24+54	25+26	LT	OUTSIDE	92					1
25+99	27+30	LT	MEDIAN	142					1
26+09	27+32	RT	MEDIAN	140					1
26+25	27+13	LT	OUTSIDE	113					1
26+42	29+89	RT	OUTSIDE	344					1
27+28	28+37	LT	OUTSIDE	111					1
28+52	29+88	LT	OUTSIDE	139					1
31+38	33+31	LT	OUTSIDE	200					1
31+47	RAMP C	RT	OUTSIDE	476					1
32+92	34+23	LT	MEDIAN	155					1
32+94	34+32	RT	MEDIAN	160					1
33+49	34+01	LT	OUTSIDE	69					1
35+04	35+83	LT	OUTSIDE	100					1
35+37	35+77	RT	OUTSIDE	61					1
35+60	36+84	RT	MEDIAN	139					1
35+69	36+81	LT	MEDIAN	129					1
35+88	41+00	RT	OUTSIDE	532					1
35+95	36+71	LT	OUTSIDE	78					1
36+89	40+05	LT	OUTSIDE	534	21	35.6	1	1.5	
40+15	42+12	LT	OUTSIDE	198					1
41+04	42+11	LT	OUTSIDE	109					1
42+22	46+98	LT	OUTSIDE	479	19	35.6	1	1.5	
42+23	47+01	RT	OUTSIDE	477	16	35.6	1	1.5	

STATION		OFFSET	EDGE OF PAVEMENT	PIPE UNDERDRAINS,		REINFORCEMENT BARS	RODENT SHIELDS	CLASS S1 CONCRETE PIPE UNDERDRAIN OUTLET	UNDERDRAIN CONNECTION TO STRUCTURE
				TYPE 1, 4" (FOOT)	6" (SPECIAL) (FOOT)				
RAMP A									
1107+93	1113+02	RT	OUTSIDE	509	19	35.6	1	1.5	
1109+20	1113+02	LT	OUTSIDE	382	19	35.6	1	1.5	
1113+12	1115+33	RT	OUTSIDE	223					1
1113+12	1115+22	LT	OUTSIDE	214					1
RAMP B									
2001+48	2002+40	RT	OUTSIDE	92					1
2001+66	2007+20	LT	OUTSIDE	547					1
2007+20	2011+09	RT	OUTSIDE	384	16	35.6	1	1.5	
RAMP C									
3307+97	3312+94	LT	OUTSIDE	498	14	35.6	1	1.5	
3307+97	3312+94	RT	OUTSIDE	500	14	35.6	1	1.5	
3313+09	3314+46	RT	OUTSIDE	139					1
RAMP D									
4400+92	4402+73	LT	OUTSIDE	208	12	35.6	1	1.5	
4401+30	4402+60	RT	OUTSIDE	134					1
4402+92	4407+95	LT	OUTSIDE	488	12	35.6	1	1.5	
				9,888	182	391.6	11	16.5	29

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	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
F.A.P. 582 (IL-111)**

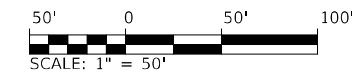
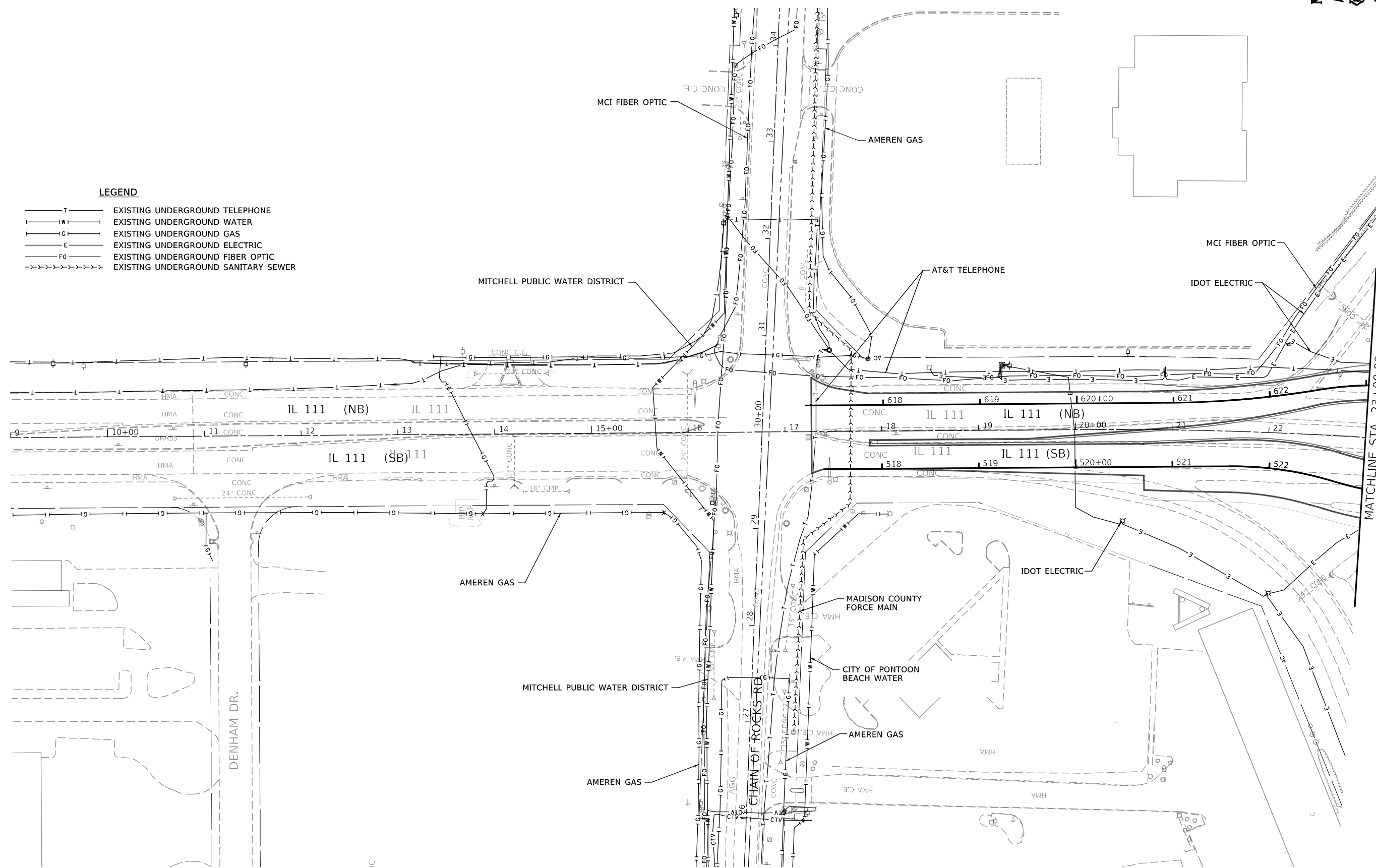
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	31317
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- G — EXISTING UNDERGROUND GAS
- E — EXISTING UNDERGROUND ELECTRIC
- FO — EXISTING UNDERGROUND FIBER OPTIC
- >>>>>>>> EXISTING UNDERGROUND SANITARY SEWER



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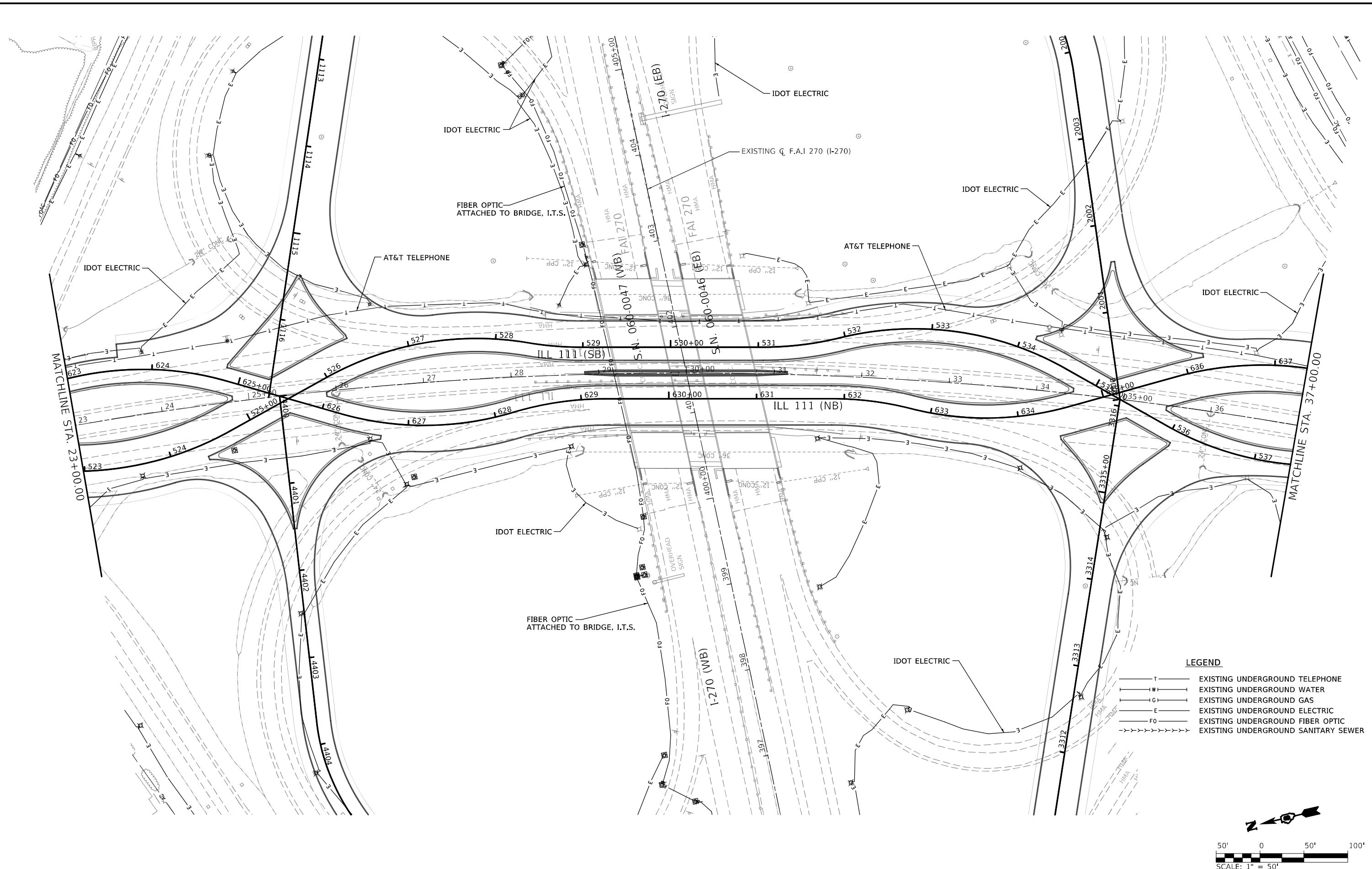
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	DRAWN -	REVISED -
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PLOT DATE = 12/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE INVESTIGATION OF UNDERGROUND UTILITIES F.A.P. 582 (IL 111)			
SCALE: 1" = 50'	SHEET 1	OF XX SHEETS	STA. 9+00 TO STA. 23+00

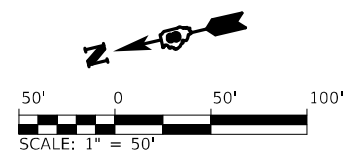
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	318
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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LEGEND

T	EXISTING UNDERGROUND TELEPHONE
W	EXISTING UNDERGROUND WATER
G	EXISTING UNDERGROUND GAS
E	EXISTING UNDERGROUND ELECTRIC
FO	EXISTING UNDERGROUND FIBER OPTIC
SS	EXISTING UNDERGROUND SANITARY SEWER

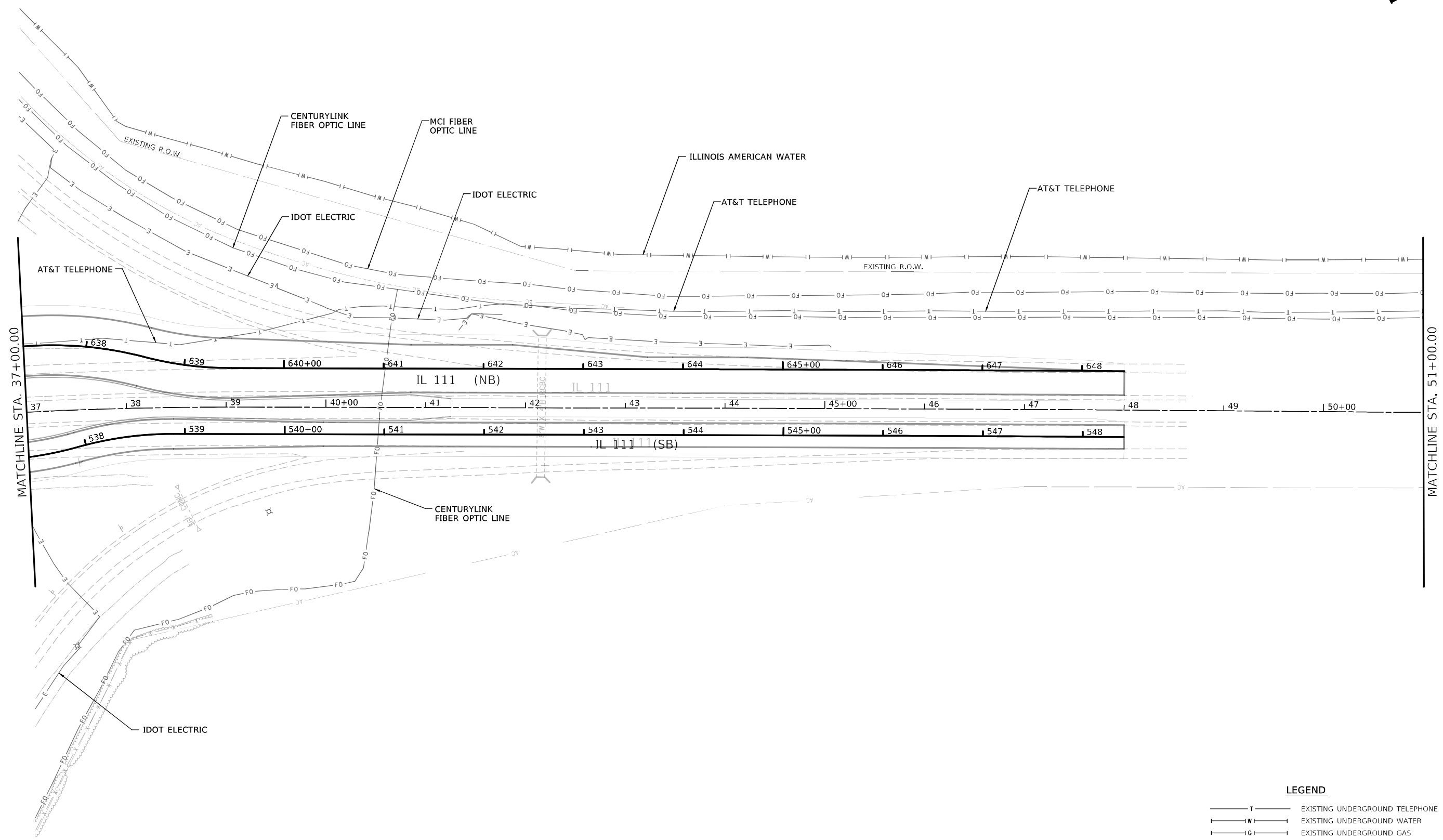


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PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUE INVESTIGATION OF UNDERGROUND UTILITIES			
F.A.P. 582 (IL 111)			
SCALE: 1" = 50'	SHEET 2	OF XX SHEETS	STA. 23+00 TO STA. 37+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	319
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

	EXISTING UNDERGROUND TELEPHONE
	EXISTING UNDERGROUND WATER
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND FIBER OPTIC
	EXISTING UNDERGROUND SANITARY SEWER

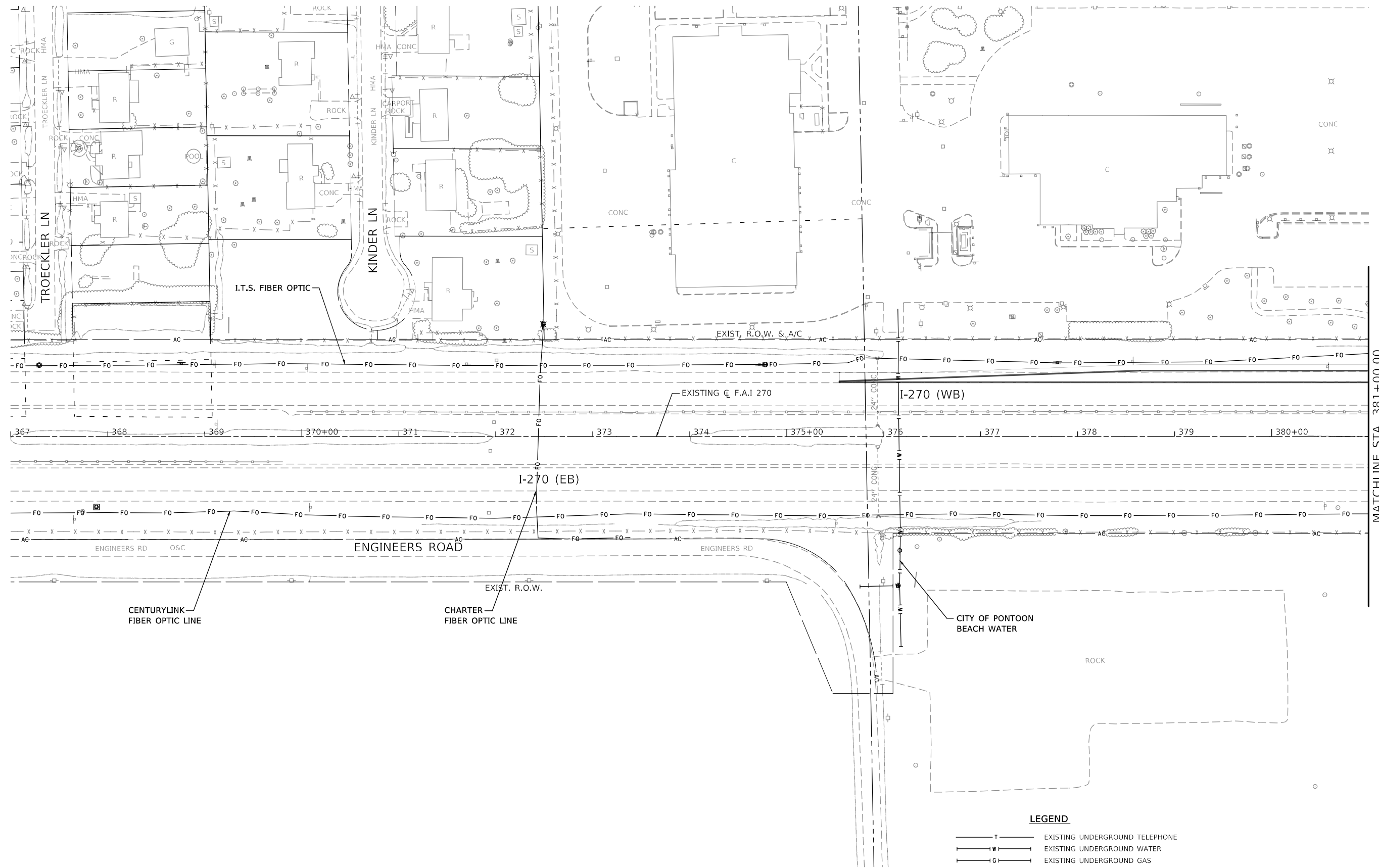
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PLOT DATE = 12/2/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUE INVESTIGATION OF UNDERGROUND UTILITIES			
F.A.P. 582 (IL 111)			
SCALE: 1" = 50'	SHEET 3	OF XX SHEETS	STA. 37+00 TO STA. 51+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	320
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



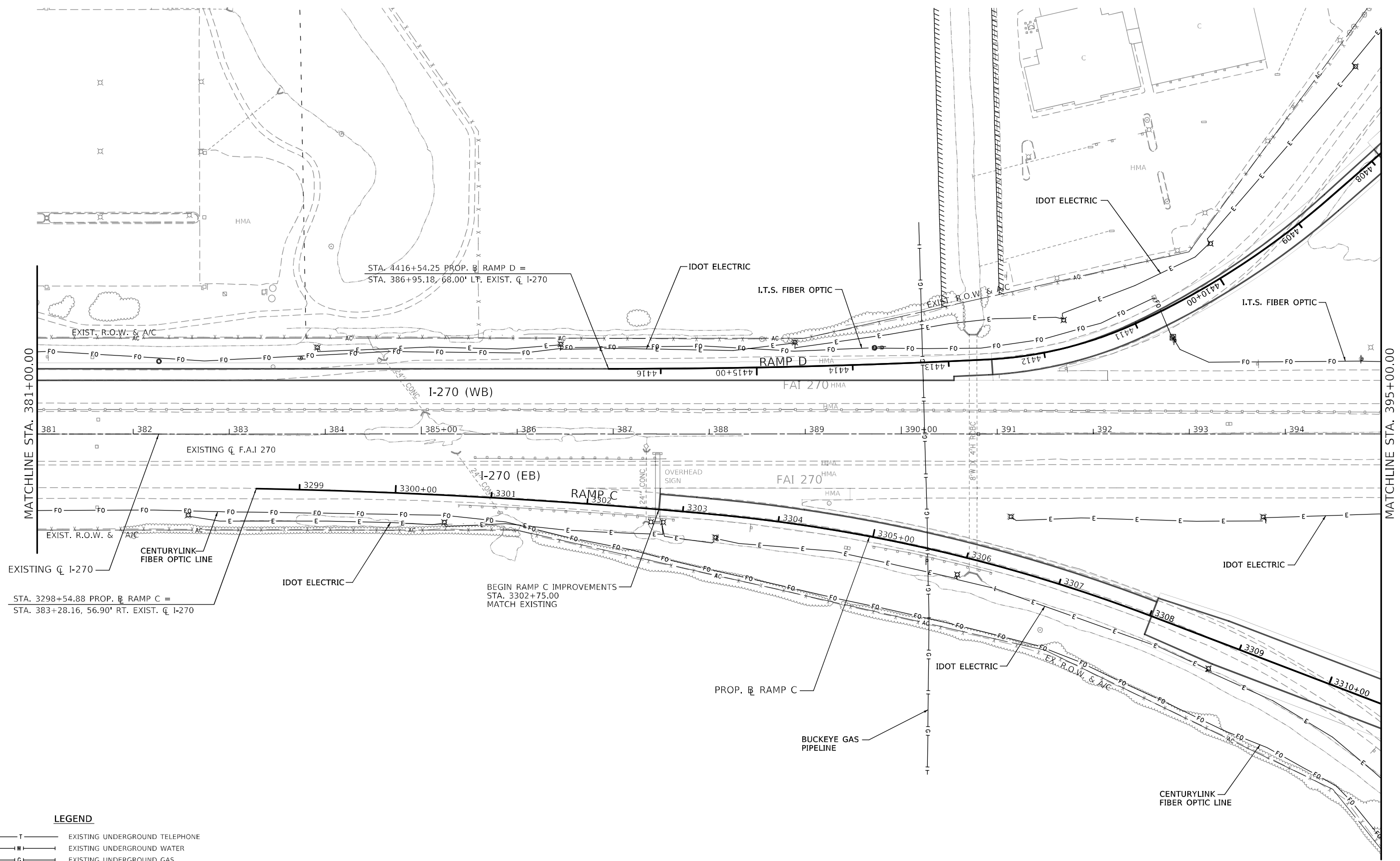
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	DRAWN -	REVISED -
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PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

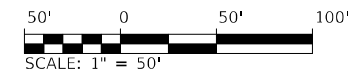
SUE INVESTIGATION OF UNDERGROUND UTILITIES			
F.A.I. 270 (I-270)			
SCALE: 1" = 50'	SHEET 5	OF XX SHEETS	STA. 367+00 TO STA. 381+00

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 321
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- G — EXISTING UNDERGROUND GAS
- E — EXISTING UNDERGROUND ELECTRIC
- FO — EXISTING UNDERGROUND FIBER OPTIC
- >>>>>> EXISTING UNDERGROUND SANITARY SEWER



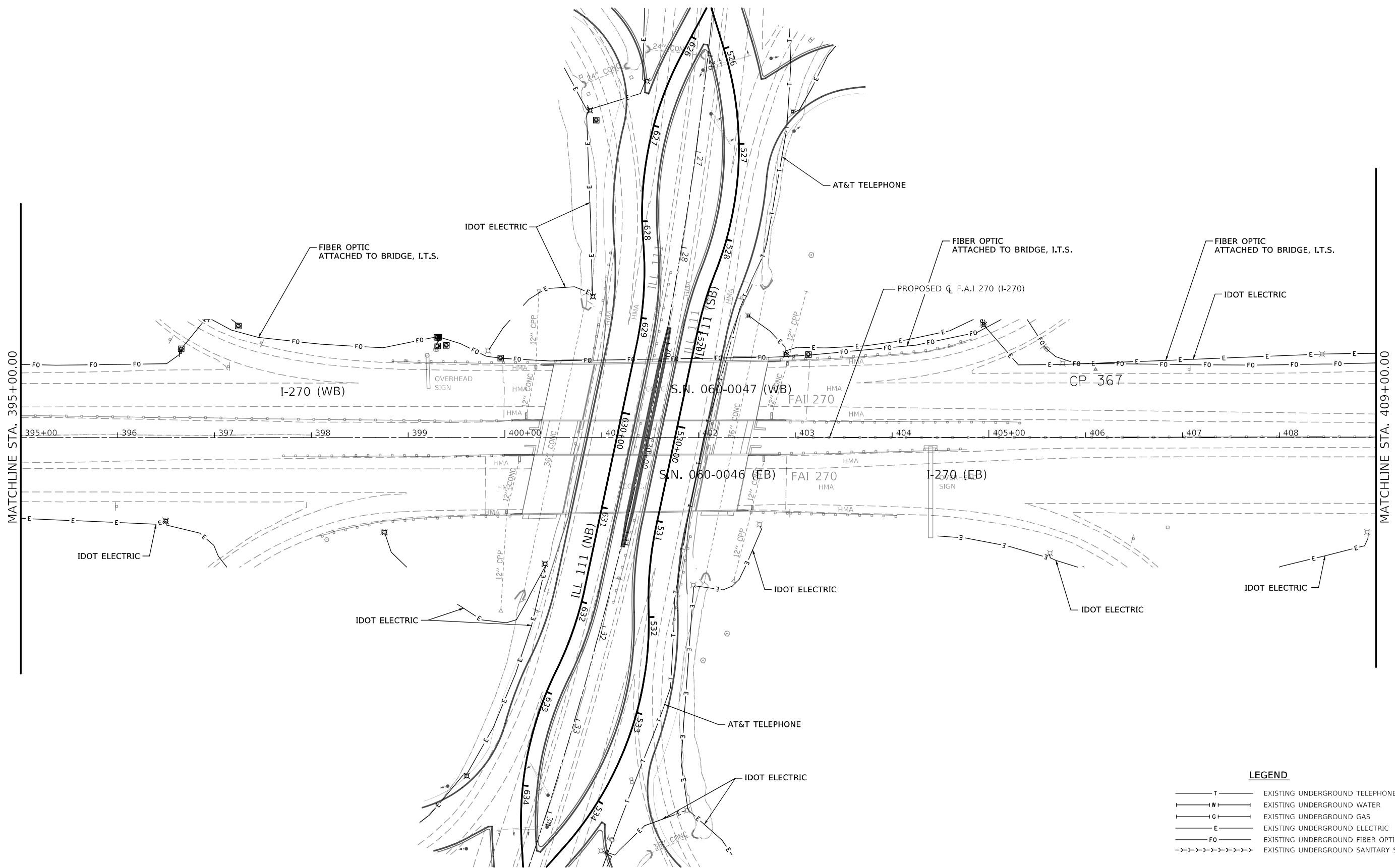
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 PROJECT: 76818

USER NAME = Jon.Dintelman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/6/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

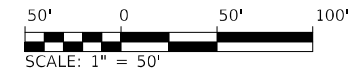
SUE INVESTIGATION OF UNDERGROUND UTILITIES F.A.I. 270 (I-270)		
SCALE: 1" = 50'	SHEET 5	OF 07 SHEETS
STA. 381+00	TO STA. 395+00	

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 322
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



LEGEND

— T —	EXISTING UNDERGROUND TELEPHONE
— W —	EXISTING UNDERGROUND WATER
— G —	EXISTING UNDERGROUND GAS
— E —	EXISTING UNDERGROUND ELECTRIC
— FO —	EXISTING UNDERGROUND FIBER OPTIC
->>>>>>	EXISTING UNDERGROUND SANITARY SEWER



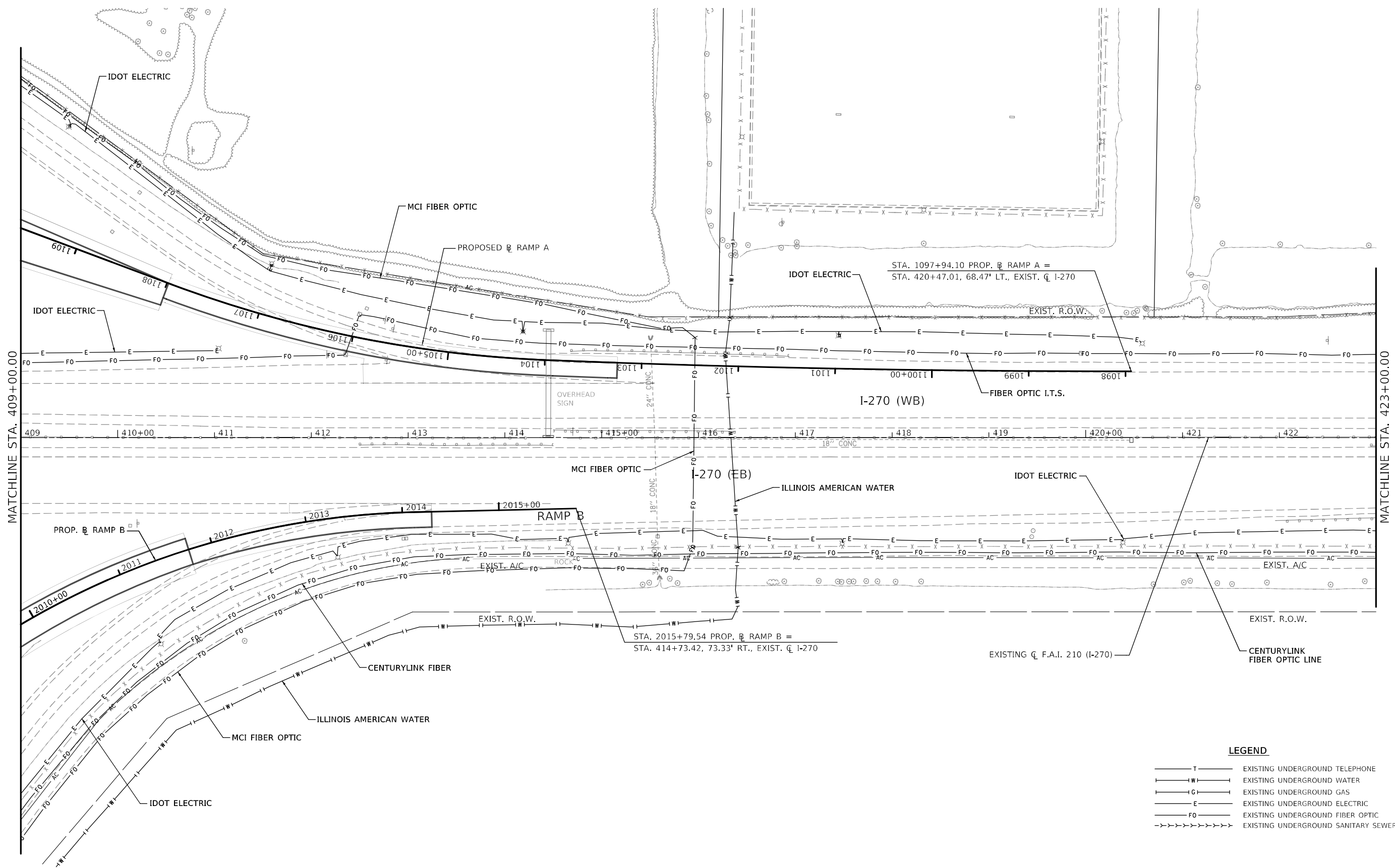
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	DRAWN -	REVISED -
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PLOT DATE = 12/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

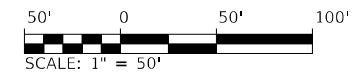
SUE INVESTIGATION OF UNDERGROUND UTILITIES F.A.I. 270 (I-270)			
SCALE: 1" = 50'	SHEET 7	OF XX SHEETS	STA. 395+00 TO STA. 409+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	323
			CONTRACT NO. 76818	
		ILLINOIS	FED. AID PROJECT	



LEGEND

—T—	EXISTING UNDERGROUND TELEPHONE
—W—	EXISTING UNDERGROUND WATER
—G—	EXISTING UNDERGROUND GAS
—E—	EXISTING UNDERGROUND ELECTRIC
—FO—	EXISTING UNDERGROUND FIBER OPTIC
->>>>>>	EXISTING UNDERGROUND SANITARY SEWER



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USER NAME = dintelmanjn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

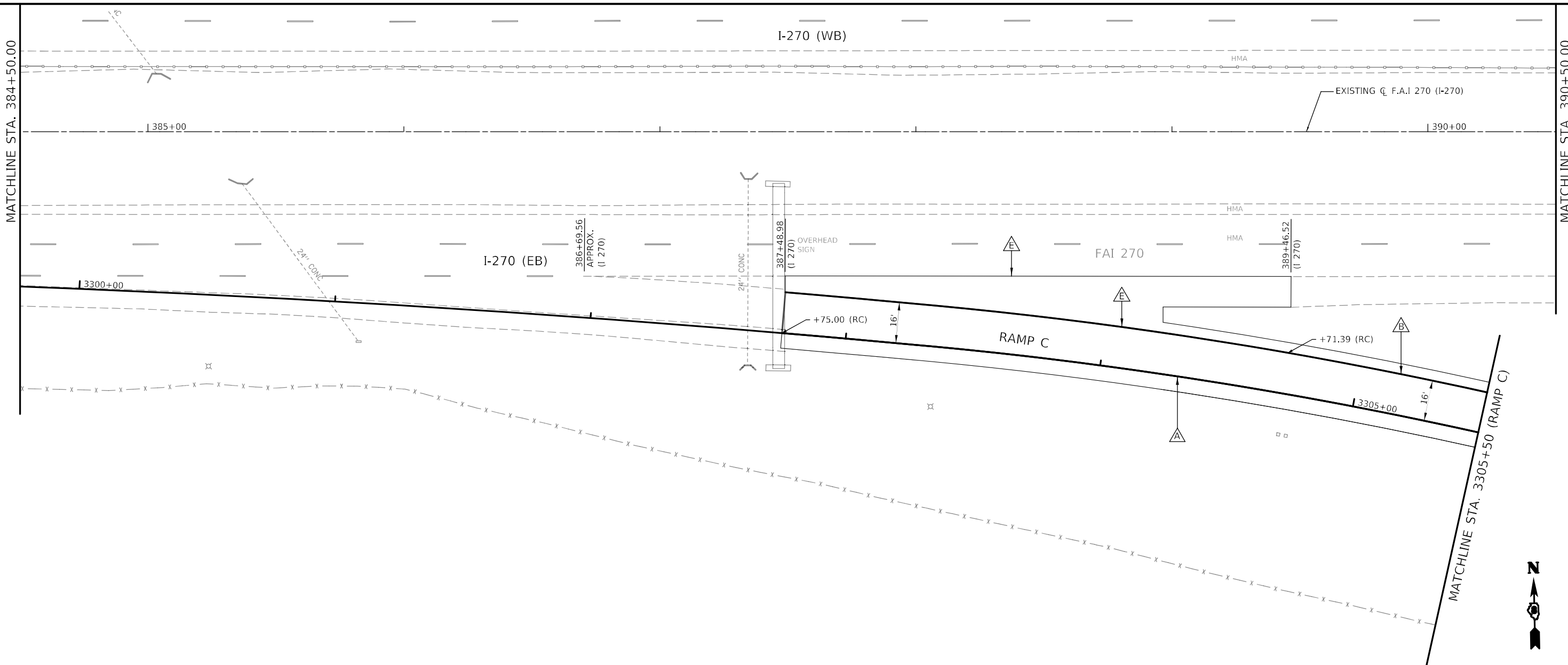
SUE INVESTIGATION OF UNDERGROUND UTILITIES F.A.I. 270 (I-270)			
SCALE: 1" = 50'	SHEET 8	OF XX SHEETS	STA. 409+00 TO STA. 423+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	324
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	

I-270 (WB)

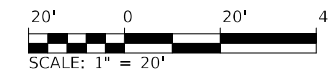
MATCHLINE STA. 384+50.00

MATCHLINE STA. 390+50.00



LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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USER NAME = dintelmanjn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/2/2021	DATE -	REVISED -

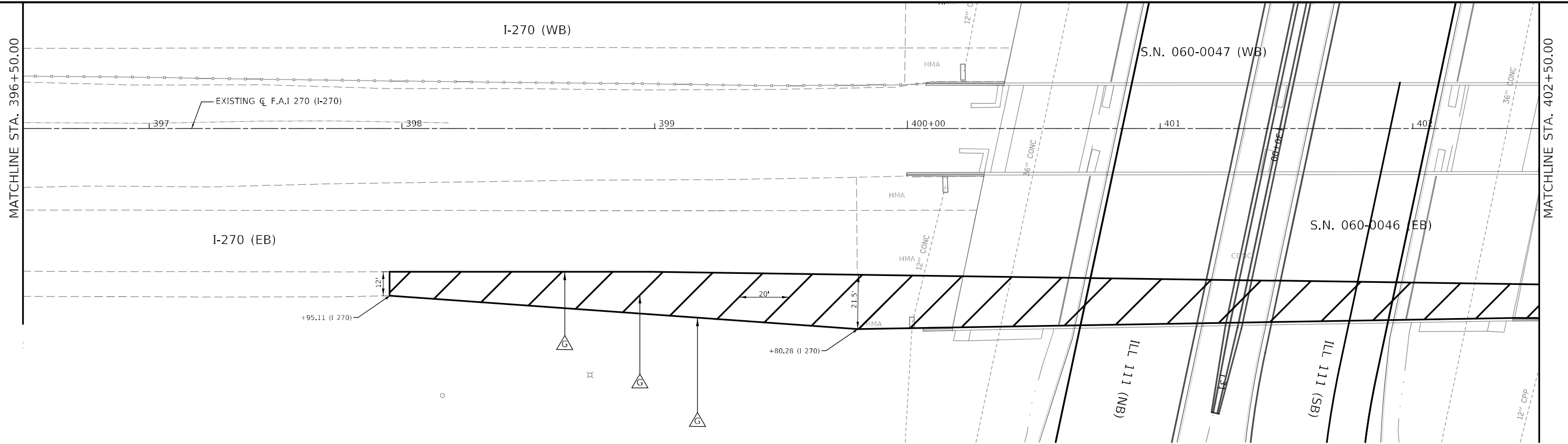
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
EASTBOUND - F.A.I. 270 (I-270)**














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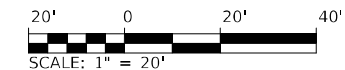
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	325
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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LEGEND

-  PAVEMENT MARKING - LINE 6" SOLID, WHITE
-  PAVEMENT MARKING - LINE 6" SOLID, YELLOW
-  PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
-  PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
-  PAVEMENT MARKING - LINE 8" SOLID, WHITE
-  PAVEMENT MARKING - LINE 8" SOLID, YELLOW
-  PAVEMENT MARKING - LINE 12" SOLID, WHITE
-  PAVEMENT MARKING - LINE 12" SOLID, YELLOW
-  PAVEMENT MARKING - LINE 24" SOLID, WHITE
-  PAVEMENT MARKING - LETTERS AND SYMBOLS
-  RRPM ONE-WAY CRYSTAL @ 40' CTRS.
-  RRPM ONE-WAY AMBER @ 40' CTRS.
-  RRPM ONE-WAY CRYSTAL @ 4' CTRS.



USER NAME = dintelmanjn	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 12/2/2021	DATE -	REVISOR -

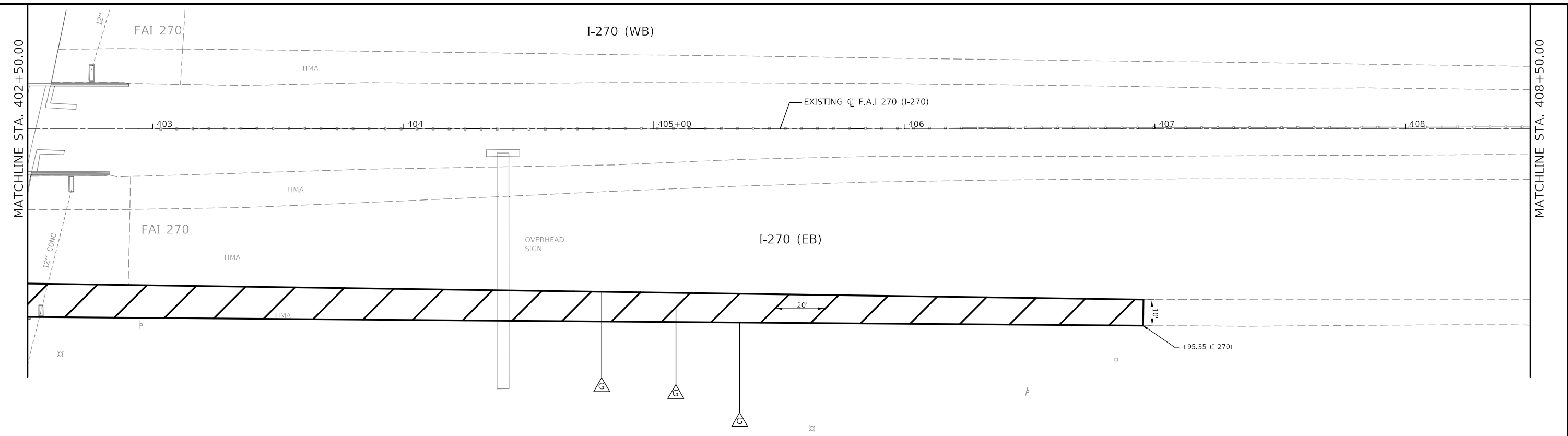
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
EASTBOUND - F.A.I. 270 (I-270)**

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 396+50 TO STA. 402+50

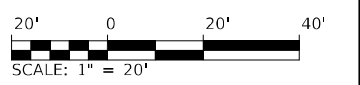
F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 326
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

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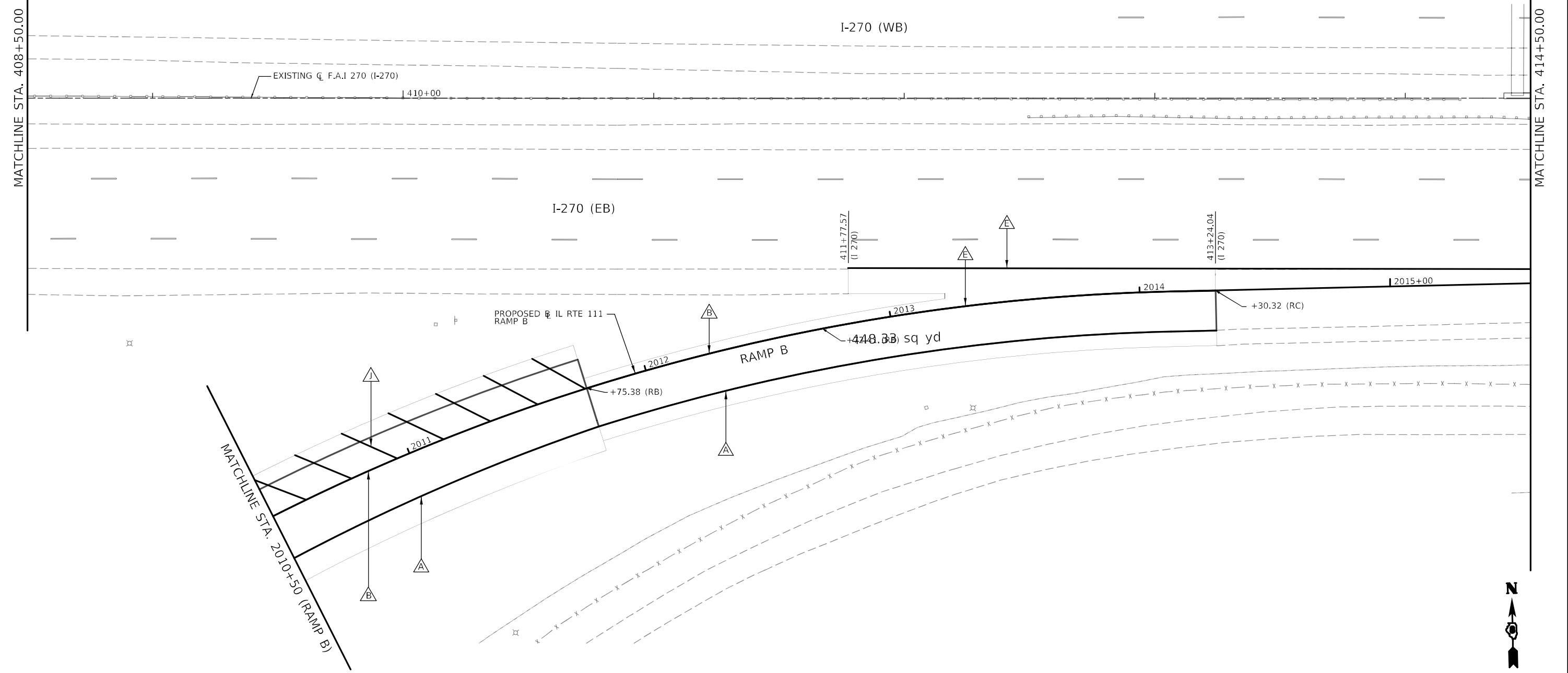
LEGEND

- | | | | |
|--|--|--|----------------------------------|
| | PAVEMENT MARKING - LINE 6" SOLID, WHITE | | RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| | PAVEMENT MARKING - LINE 6" SOLID, YELLOW | | RRPM ONE-WAY AMBER @ 40' CTRS. |
| | PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | | RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| | PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| | PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| | PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| | PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |
| | PAVEMENT MARKING - LINE 12" SOLID, YELLOW | | |
| | PAVEMENT MARKING - LINE 24" SOLID, WHITE | | |
| | PAVEMENT MARKING - LETTERS AND SYMBOLS | | |



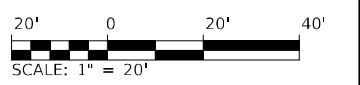
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	PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET XX	OF XX	SHEETS	STA. 402+50	TO STA. 408+50	CONTRACT NO. 76818	
	PLOT DATE = 12/2/2021	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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LEGEND

- | | |
|--|------------------------------------|
| △ A PAVEMENT MARKING - LINE 6" SOLID, WHITE | ① RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| △ B PAVEMENT MARKING - LINE 6" SOLID, YELLOW | ② RRPM ONE-WAY AMBER @ 40' CTRS. |
| △ C PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| △ D PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | |
| △ E PAVEMENT MARKING - LINE 8" SOLID, WHITE | |
| △ F PAVEMENT MARKING - LINE 8" SOLID, YELLOW | |
| △ G PAVEMENT MARKING - LINE 12" SOLID, WHITE | |
| △ H PAVEMENT MARKING - LINE 12" SOLID, YELLOW | |
| △ I PAVEMENT MARKING - LINE 24" SOLID, WHITE | |
| △ J PAVEMENT MARKING - LETTERS AND SYMBOLS | |



USER NAME = dintelmanjn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING			
EASTBOUND - F.A.I. 270 (I-270)			
SCALE: 1" = 20'	SHEET XX	OF XX SHEETS	STA. 408+50 TO STA. 414+50

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 328
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	

I-270 (WB)

MATCHLINE STA. 420+50.00

MATCHLINE STA. 414+50.00

EXISTING C.F.A.I. 270 (I-270)

415+00

416

417

418

419

420+00

18" CONC

I-270 (EB)

414+66.13
(I 270)

+72.07 (RB)

RAMP B

417+12.24
(I 270)

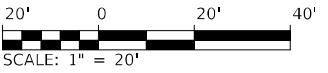
18" CONC

36" CONC

ROCK

LEGEND

- A PAVEMENT MARKING - LINE 6" SOLID, WHITE
- B PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- C PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- D PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- E PAVEMENT MARKING - LINE 8" SOLID, WHITE
- F PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- G PAVEMENT MARKING - LINE 12" SOLID, WHITE
- H PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- I PAVEMENT MARKING - LINE 24" SOLID, WHITE
- J PAVEMENT MARKING - LETTERS AND SYMBOLS
- 1 RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- 2 RRPM ONE-WAY AMBER @ 40' CTRS.
- 3 RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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PLOT DATE = 12/2/2021	DATE -	REVISOR -

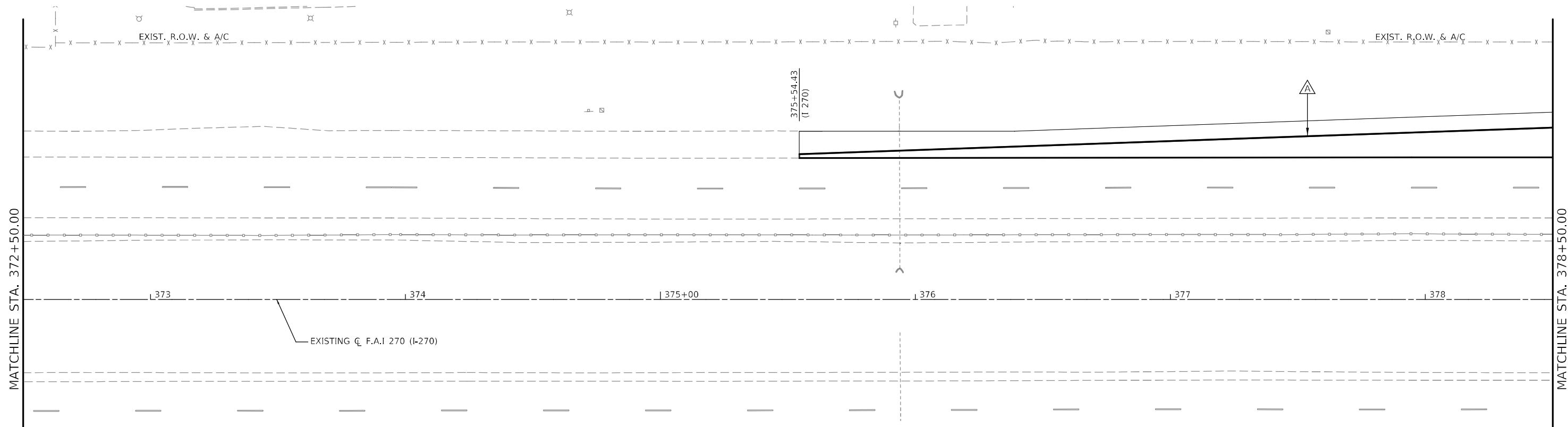
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
EASTBOUND - F.A.I. 270 (I-270)

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 414+50 TO STA. 420+50

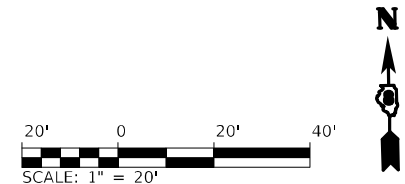
F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 329
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	

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LEGEND

- | | | | |
|---|--|---|----------------------------------|
| △ | PAVEMENT MARKING - LINE 6" SOLID, WHITE | ① | RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6" SOLID, YELLOW | ② | RRPM ONE-WAY AMBER @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | ③ | RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 24" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LETTERS AND SYMBOLS | | |



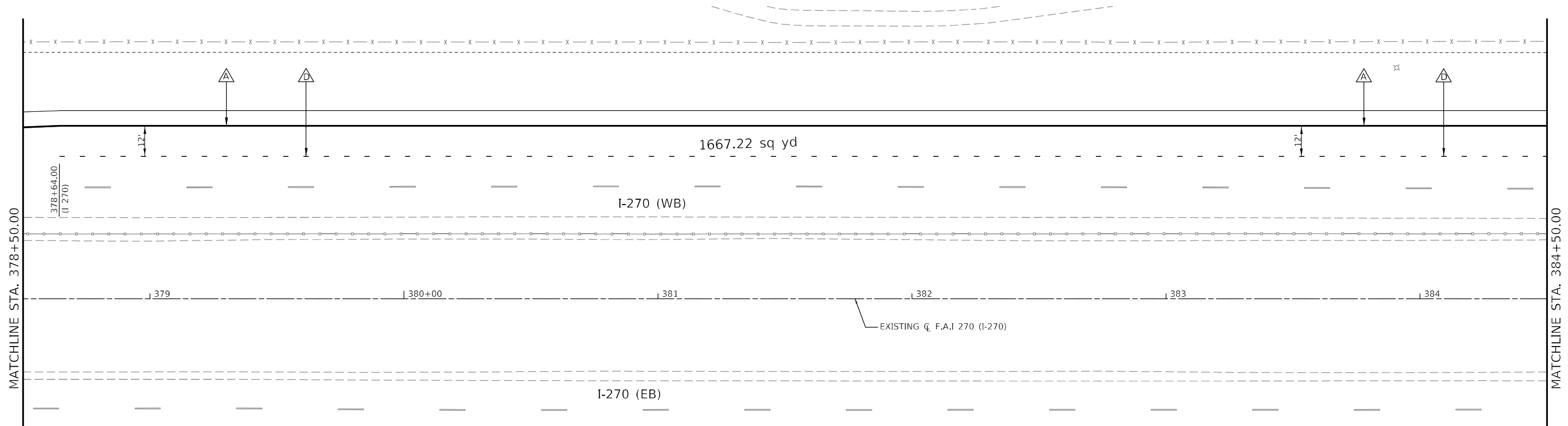
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PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 372+50 TO STA. 378+50

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 330
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.

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USER NAME = dintelmanjn	DESIGNED -	REVISED -
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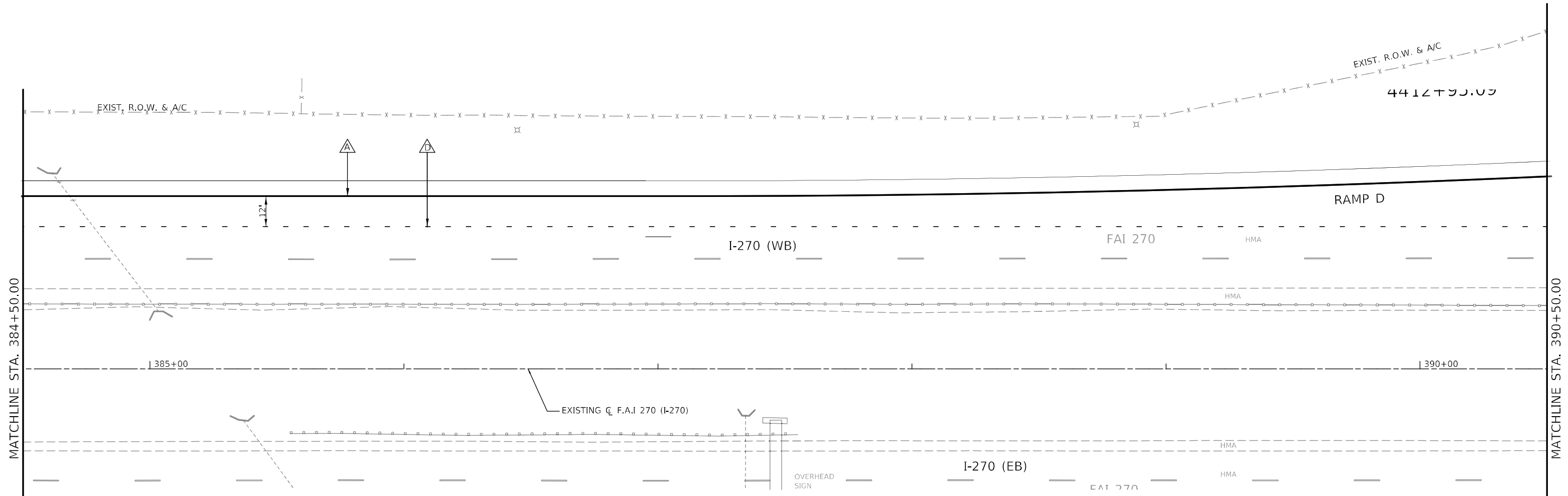
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 378+50 TO STA. 384+50

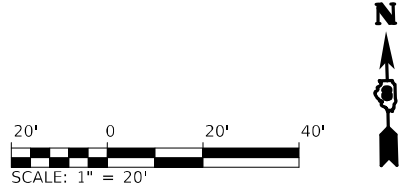
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	331
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	

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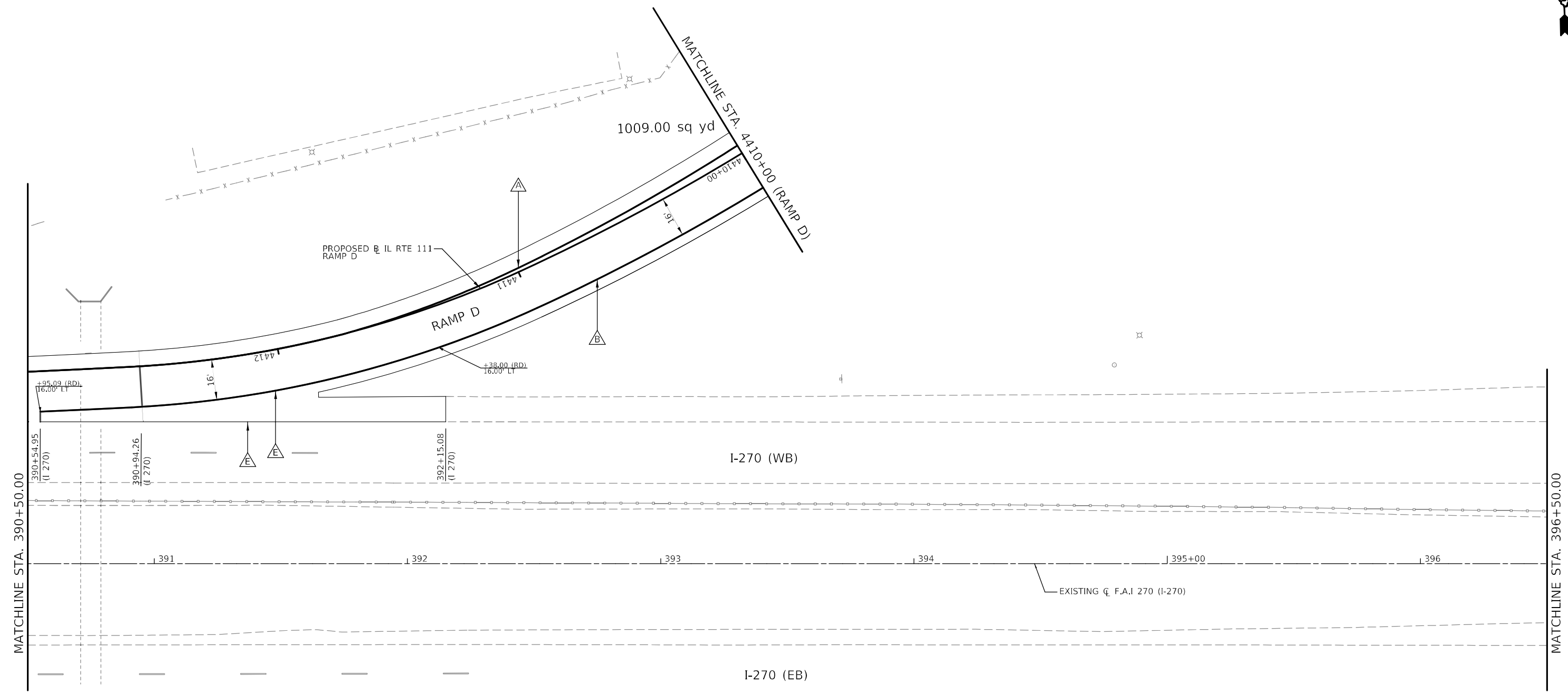


LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.

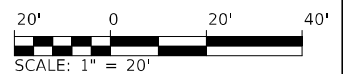


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										ILLINOIS FED. AID PROJECT	



LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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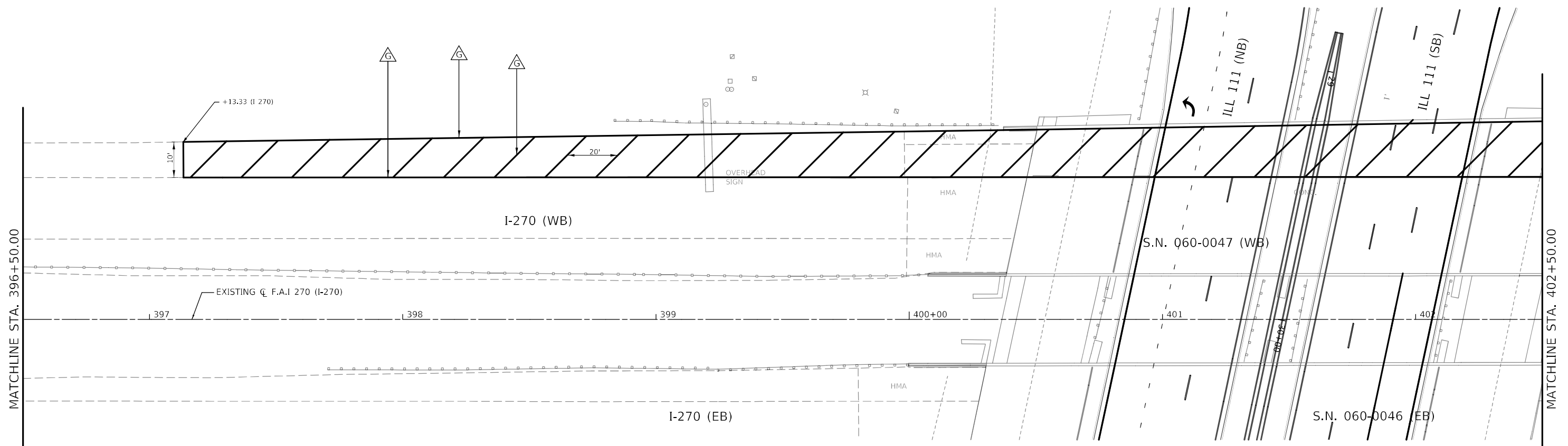
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DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

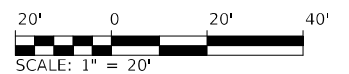
SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 390+50 TO STA. 396+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	333
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|--|--|----------------------------------|
| | PAVEMENT MARKING - LINE 6" SOLID, WHITE | | RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| | PAVEMENT MARKING - LINE 6" SOLID, YELLOW | | RRPM ONE-WAY AMBER @ 40' CTRS. |
| | PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | | RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| | PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| | PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| | PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| | PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |
| | PAVEMENT MARKING - LINE 12" SOLID, YELLOW | | |
| | PAVEMENT MARKING - LINE 24" SOLID, WHITE | | |
| | PAVEMENT MARKING - LETTERS AND SYMBOLS | | |



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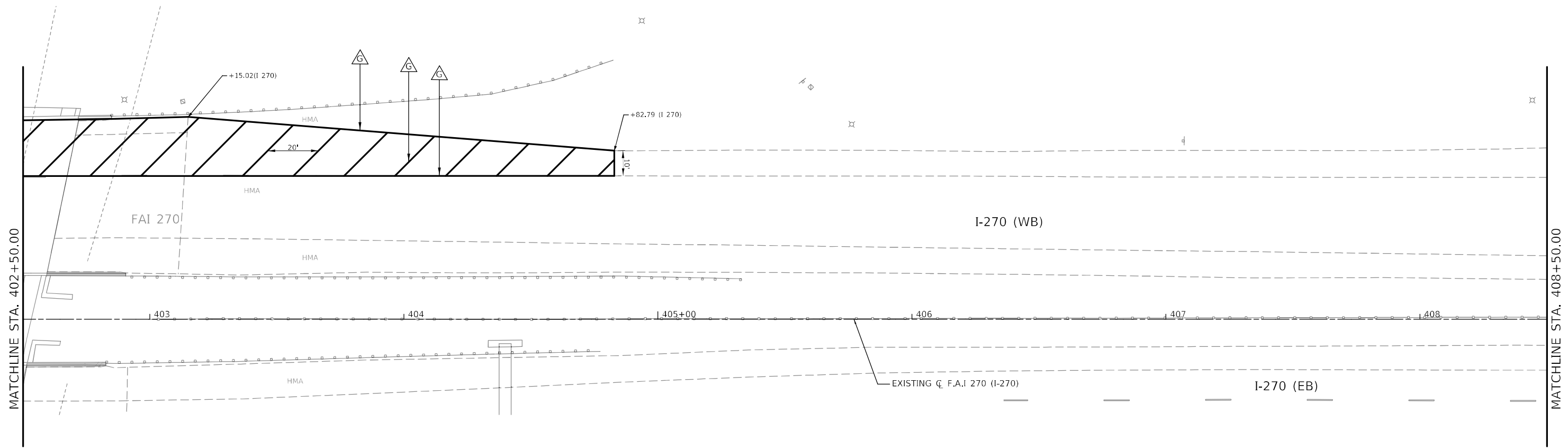
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 396+50 TO STA. 402+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	334
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.

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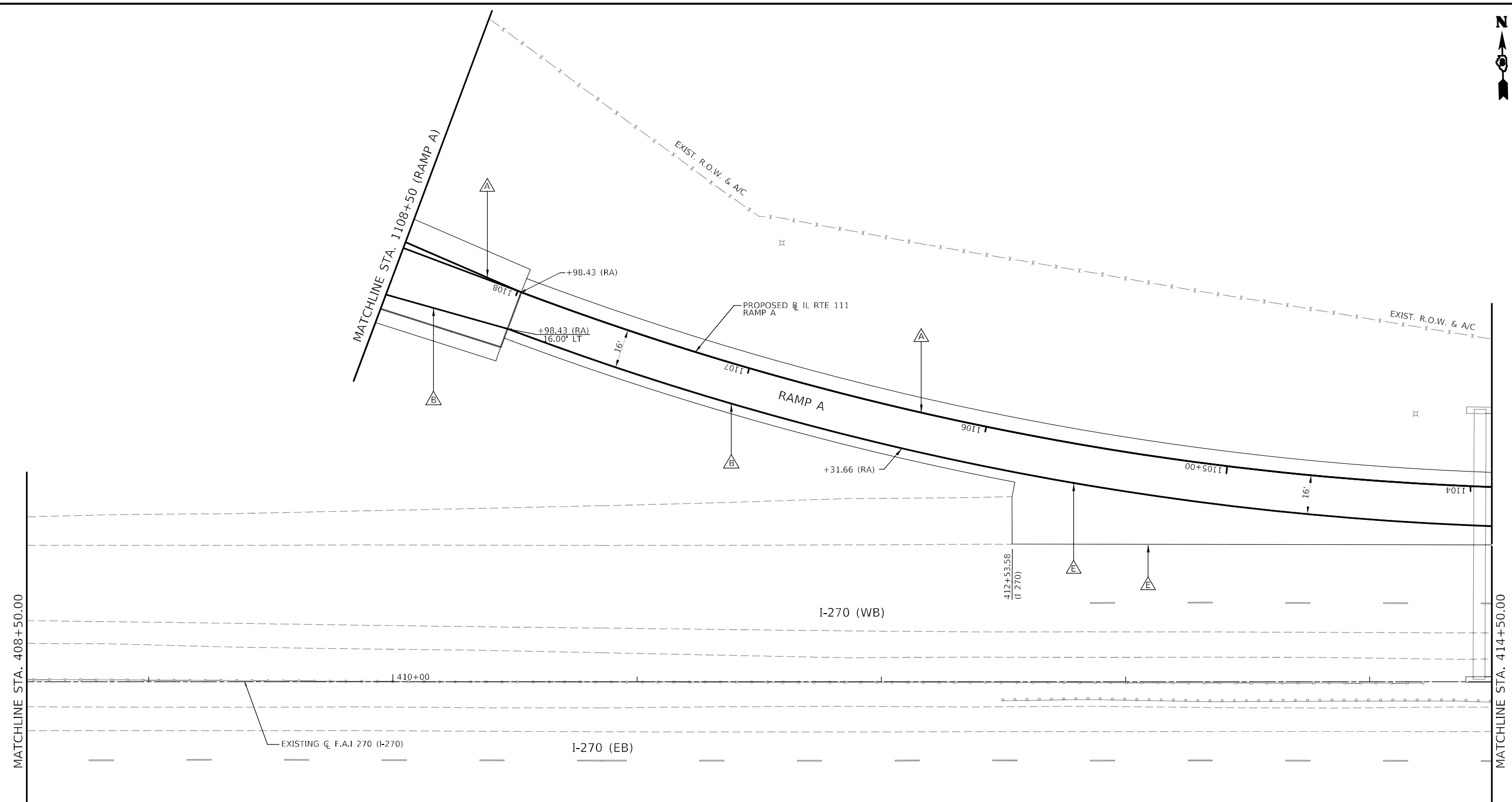
USER NAME = dintelmanjn	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 12/2/2021	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

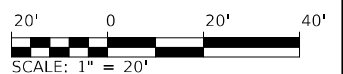
SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 402+50 TO STA. 408+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	335
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | |
|--|---|------------------------------------|
| △ PAVEMENT MARKING - LINE 6" SOLID, WHITE | △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW | ① RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW | △ PAVEMENT MARKING - LINE 24" SOLID, WHITE | ② RRPM ONE-WAY AMBER @ 40' CTRS. |
| △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | △ PAVEMENT MARKING - LETTERS AND SYMBOLS | ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| △ PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| △ PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |



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 USER: dintelmanjn
 DATE: 12/2/2021

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PLOT DATE = 12/2/2021	DATE -	REVISOR -

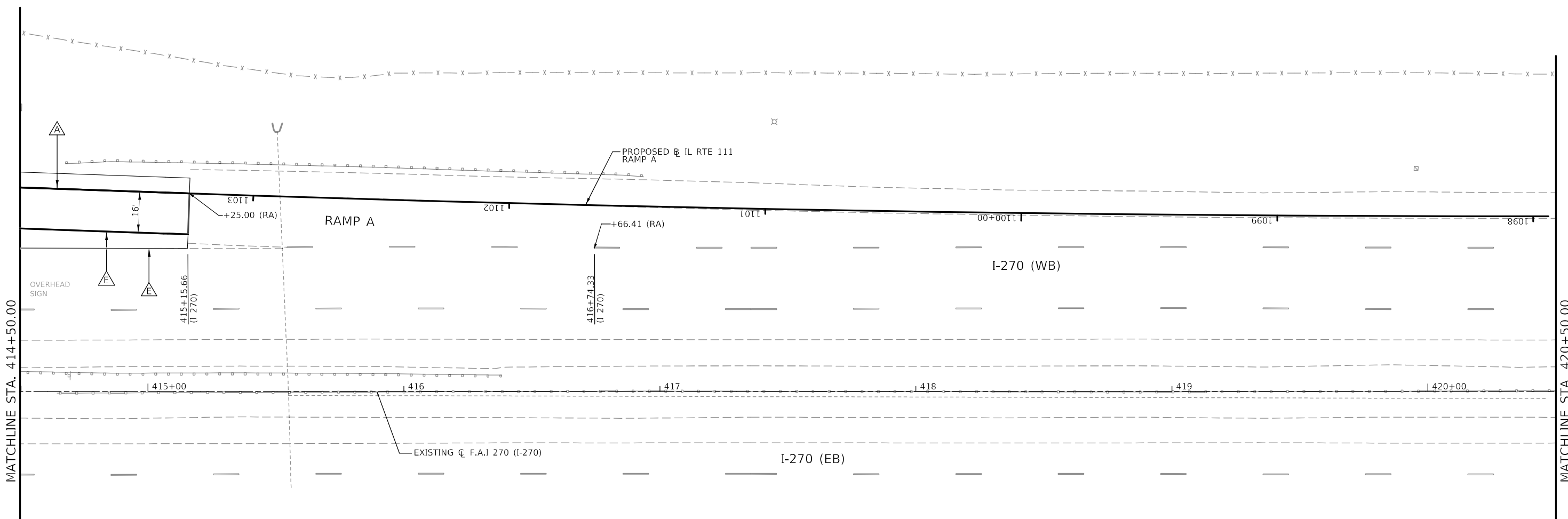
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 408+50 TO STA. 414+50

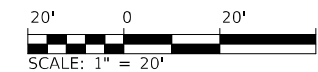
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	336
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

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LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



USER NAME = dintelmanjn	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
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PLOT DATE = 12/2/2021	DATE -	

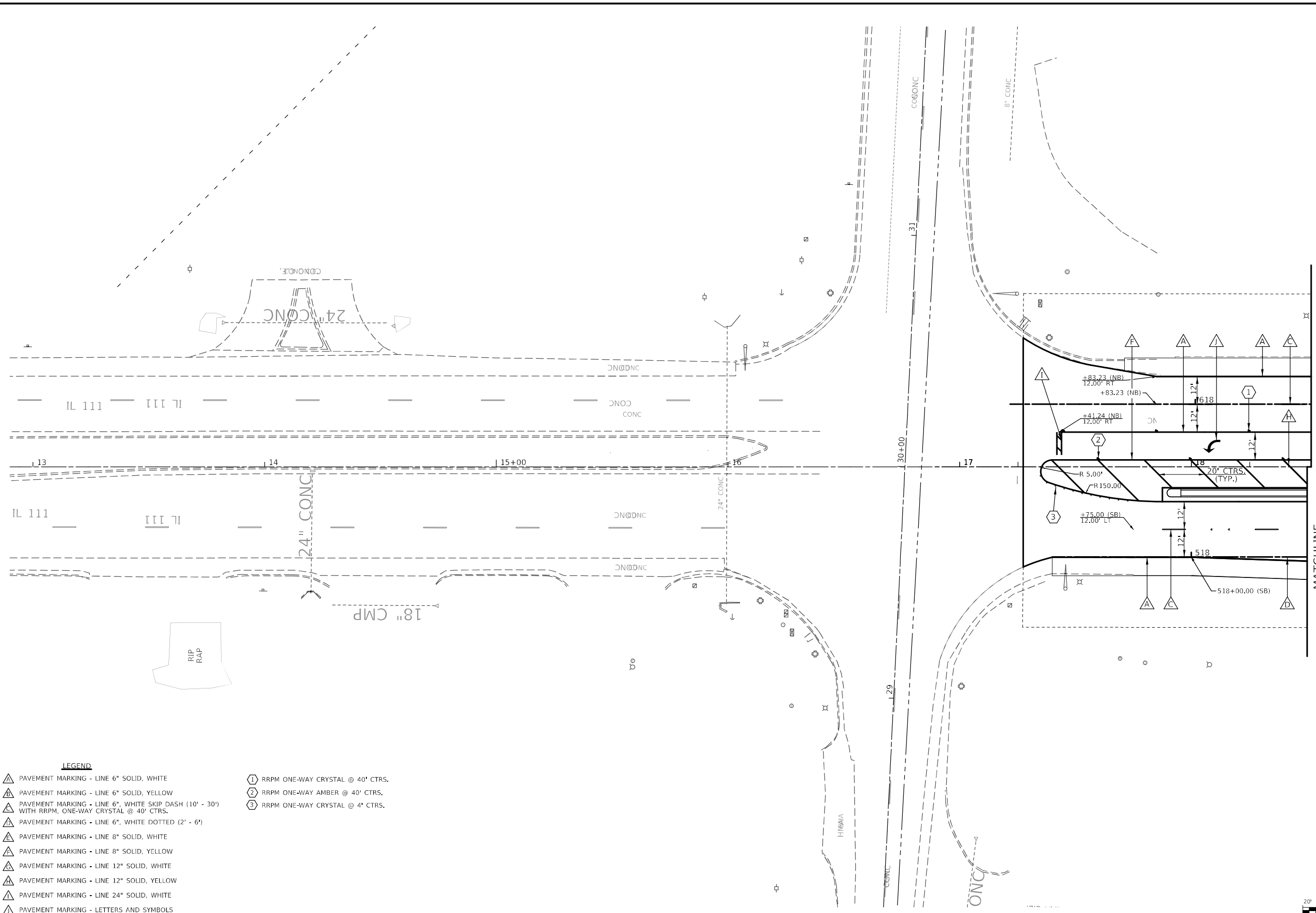
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
WESTBOUND - F.A.I. 270 (I-270)**

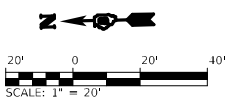
SCALE: 1" = 20' SHEET XX OF XX SHEETS STA. 414+50 TO STA. 420+50

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 337
			CONTRACT NO. 76818	
			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- ▲ PAVEMENT MARKING - LINE 6" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
 - ▲ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
 - ▲ PAVEMENT MARKING - LINE 8" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 24" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
 - ② RRPM ONE-WAY AMBER @ 40' CTRS.
 - ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



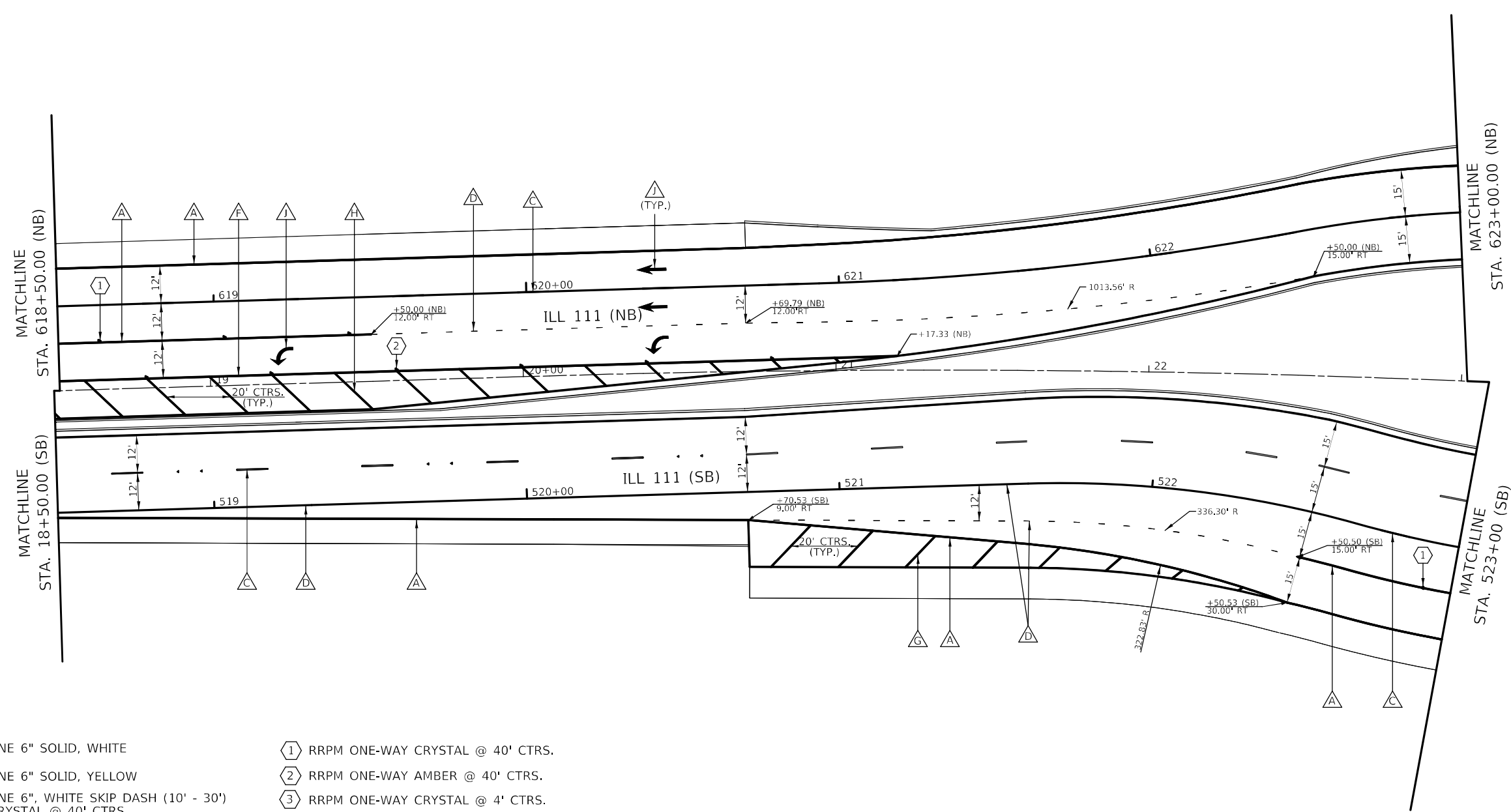
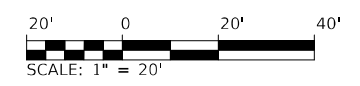
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PLOT DATE = 12/2/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
 F.A.P. 582 (IL 111)**

SCALE: 1" = 20' SHEET 1 OF XX SHEETS STA. TO STA.

F.A.P. RTE. 582	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 338
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|---|--|---|----------------------------------|
| △ | PAVEMENT MARKING - LINE 6" SOLID, WHITE | ① | RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6" SOLID, YELLOW | ② | RRPM ONE-WAY AMBER @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | ③ | RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 24" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LETTERS AND SYMBOLS | | |

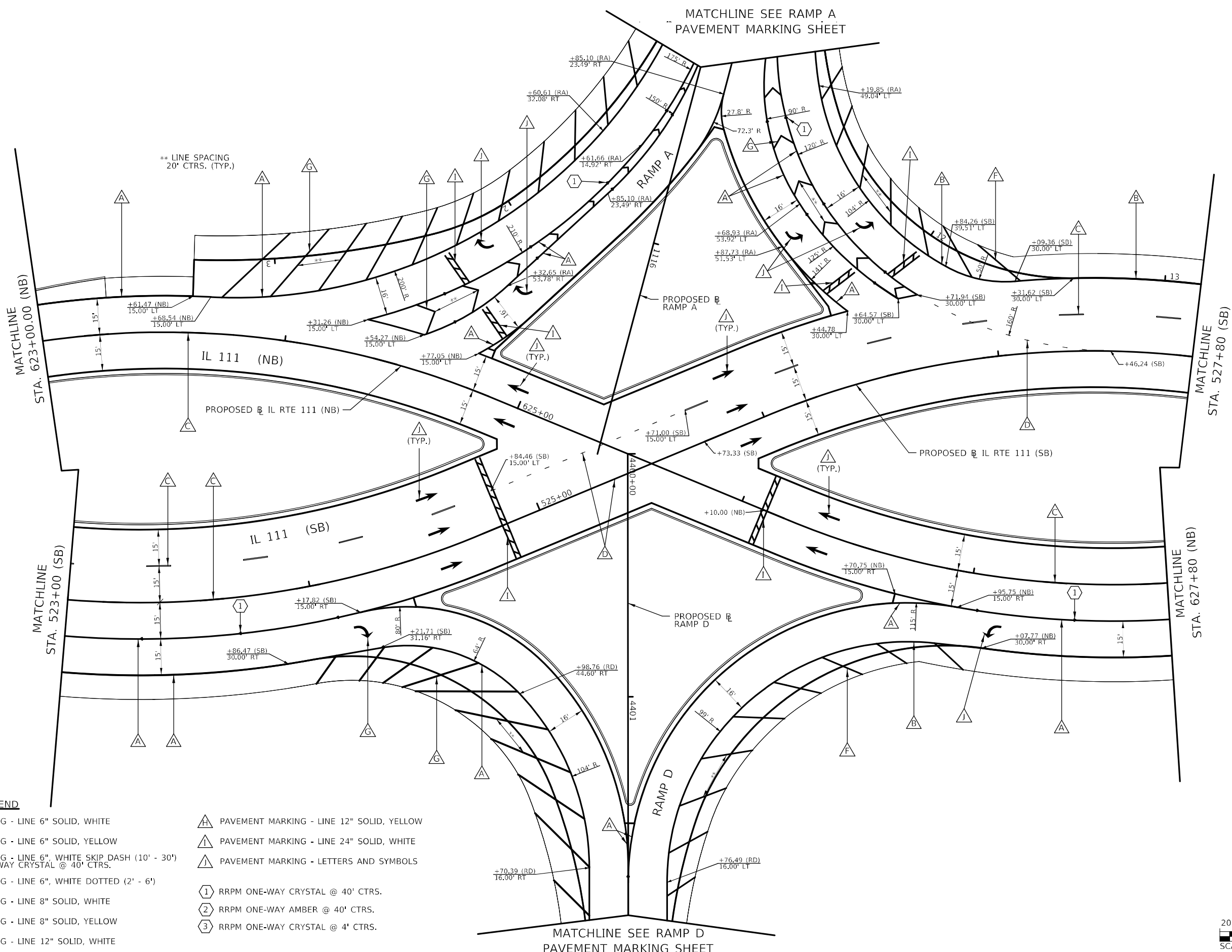
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PLOT DATE = 12/2/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING F.A.P. 582 (IL 111)			
SCALE: 1" = 20'	SHEET 3	OF XX SHEETS	STA. TO STA.

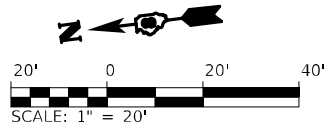
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	339
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



** LINE SPACING
20' CTRS. (TYP.)

LEGEND

- ▲ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- ▲ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- ▲ PAVEMENT MARKING - LINE 6" WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- ▲ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- ▲ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- ▲ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- ▲ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- ▲ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- ▲ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- ▲ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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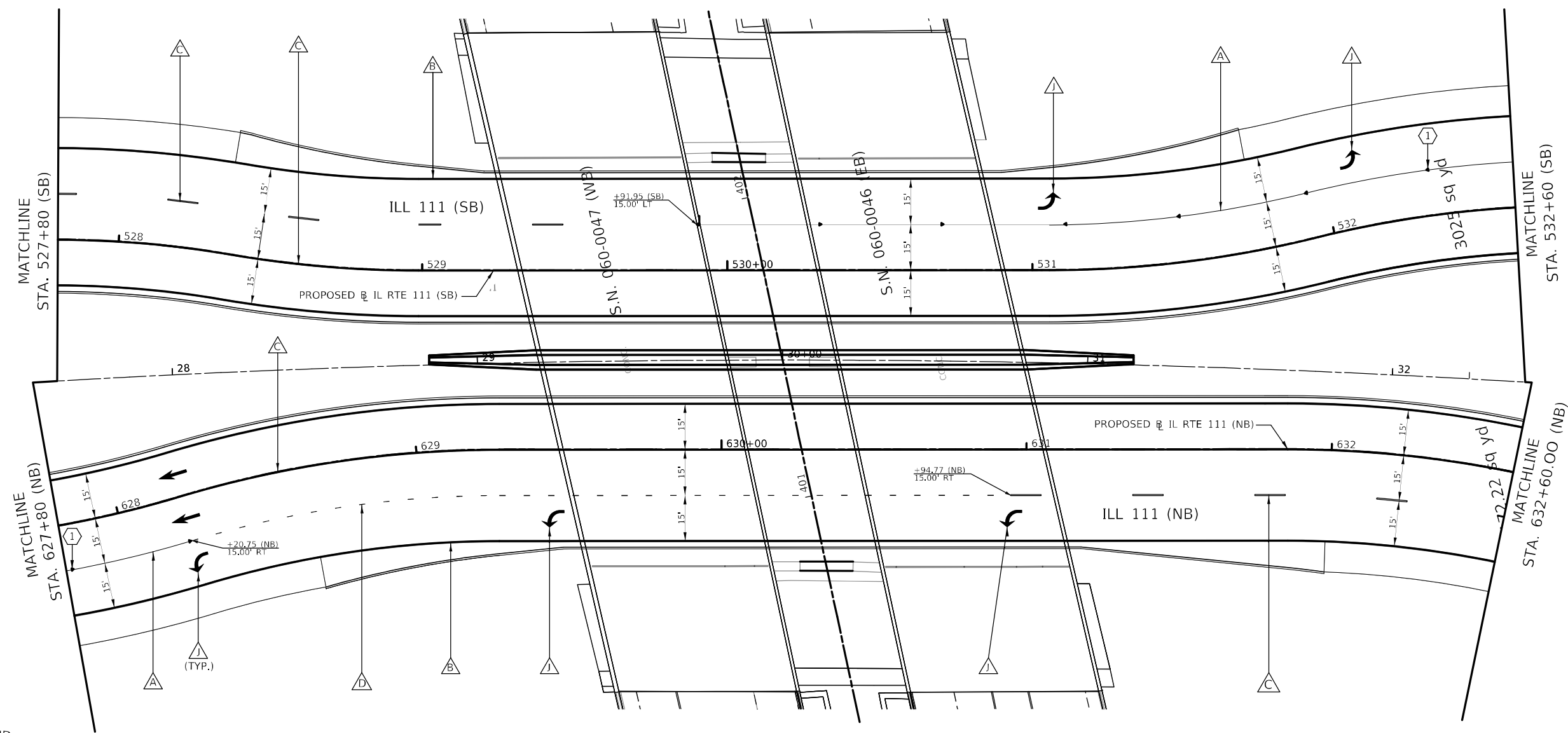
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PLOT DATE = 12/2/2021	DATE -	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
F.A.P. 582 (IL 111)**

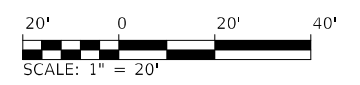
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	340
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|---|--|---|----------------------------------|
| △ | PAVEMENT MARKING - LINE 6" SOLID, WHITE | ① | RRPM ONE-WAY CRYSTAL @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6" SOLID, YELLOW | ② | RRPM ONE-WAY AMBER @ 40' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | ③ | RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
| △ | PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 8" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LINE 12" SOLID, YELLOW | | |
| △ | PAVEMENT MARKING - LINE 24" SOLID, WHITE | | |
| △ | PAVEMENT MARKING - LETTERS AND SYMBOLS | | |



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

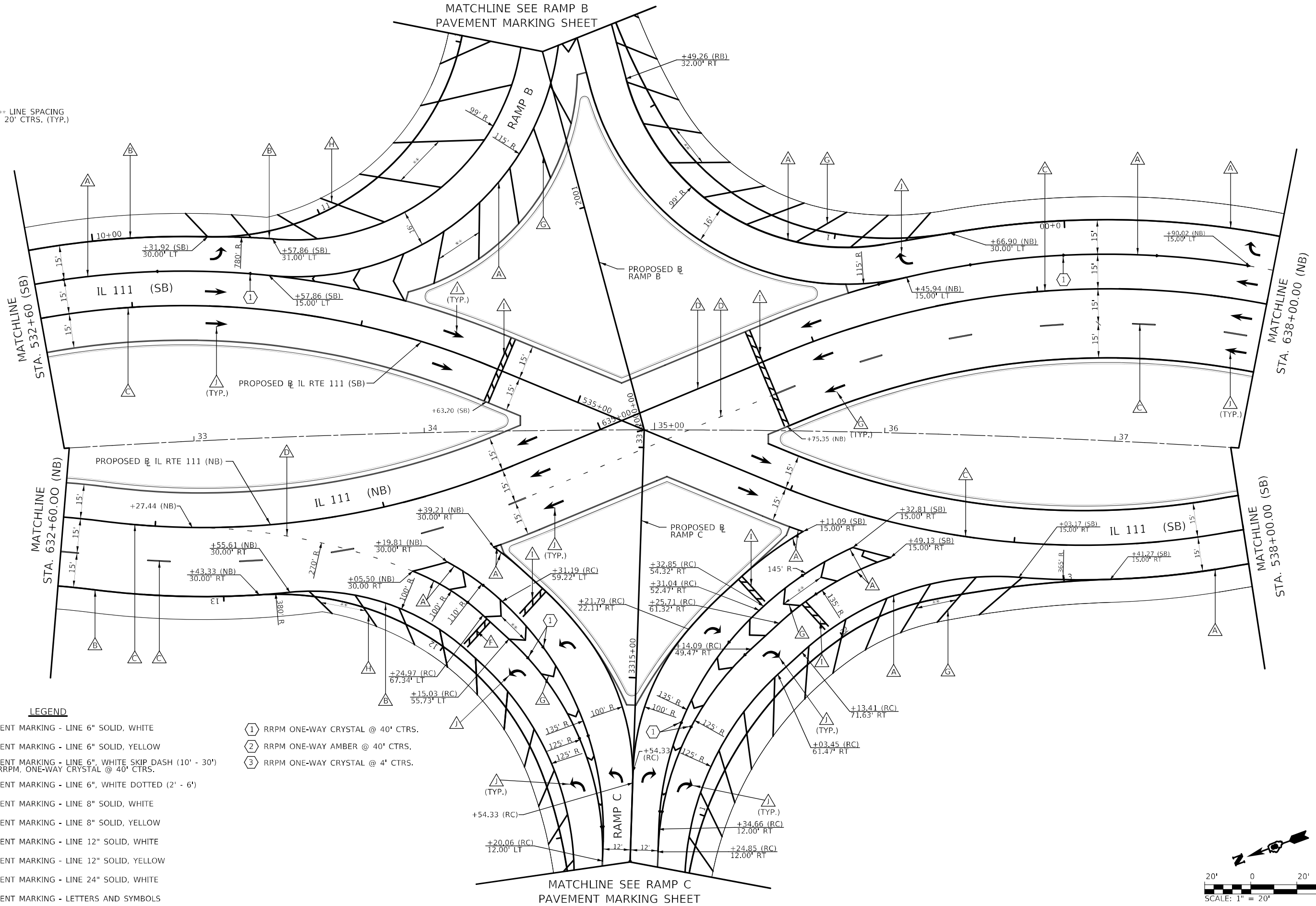
**PAVEMENT MARKING
F.A.P. 582 (IL 111)**

SCALE: 1" = 20' SHEET 4 OF XX SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	341
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

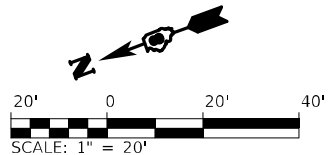
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** LINE SPACING
20' CTRS. (TYP.)



LEGEND	
△ (A)	PAVEMENT MARKING - LINE 6" SOLID, WHITE
△ (B)	PAVEMENT MARKING - LINE 6" SOLID, YELLOW
△ (C)	PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
△ (D)	PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
△ (E)	PAVEMENT MARKING - LINE 8" SOLID, WHITE
△ (F)	PAVEMENT MARKING - LINE 8" SOLID, YELLOW
△ (G)	PAVEMENT MARKING - LINE 12" SOLID, WHITE
△ (H)	PAVEMENT MARKING - LINE 12" SOLID, YELLOW
△ (I)	PAVEMENT MARKING - LINE 24" SOLID, WHITE
△ (J)	PAVEMENT MARKING - LETTERS AND SYMBOLS
①	RRPM ONE-WAY CRYSTAL @ 40' CTRS.
②	RRPM ONE-WAY AMBER @ 40' CTRS.
③	RRPM ONE-WAY CRYSTAL @ 4' CTRS.

MATCHLINE SEE RAMP C
PAVEMENT MARKING SHEET



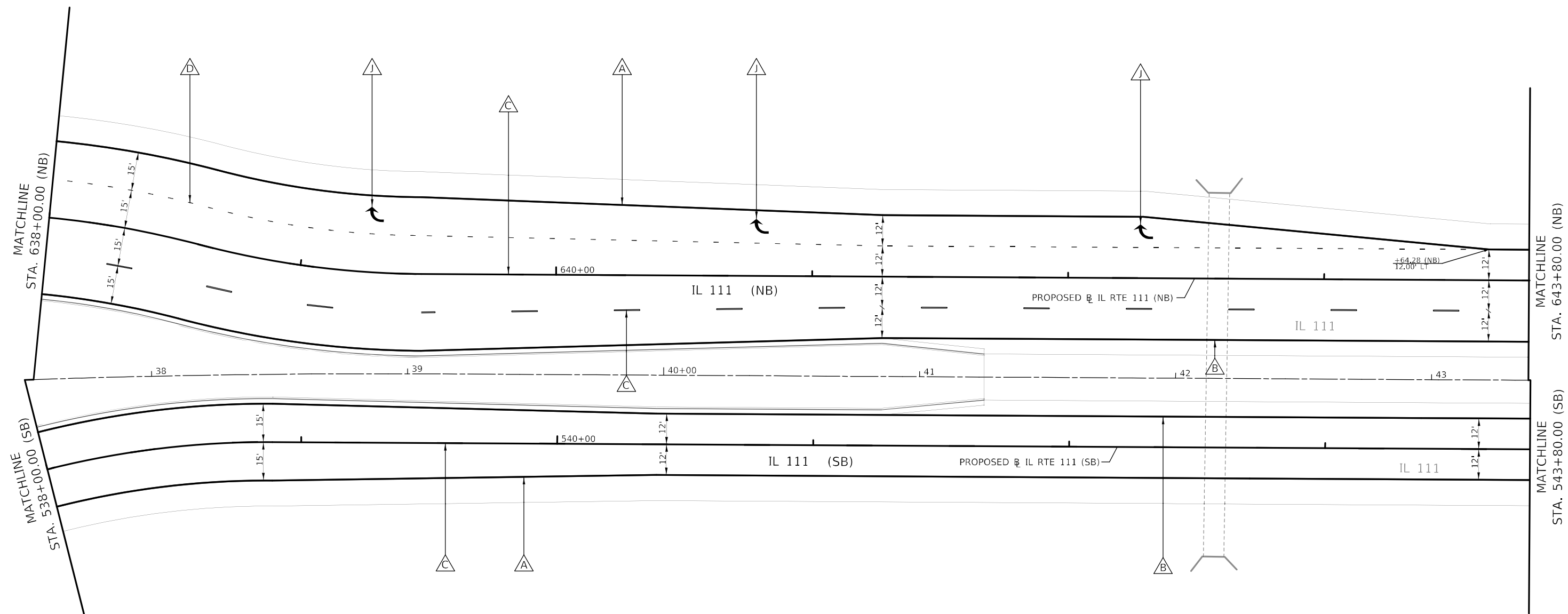
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
F.A.P. 582 (IL 111)

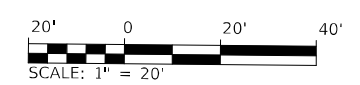
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	342
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



LEGEND

- △ PAVEMENT MARKING - LINE 6" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- △ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- △ PAVEMENT MARKING - LINE 8" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 12" SOLID, WHITE
- △ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- △ PAVEMENT MARKING - LINE 24" SOLID, WHITE
- △ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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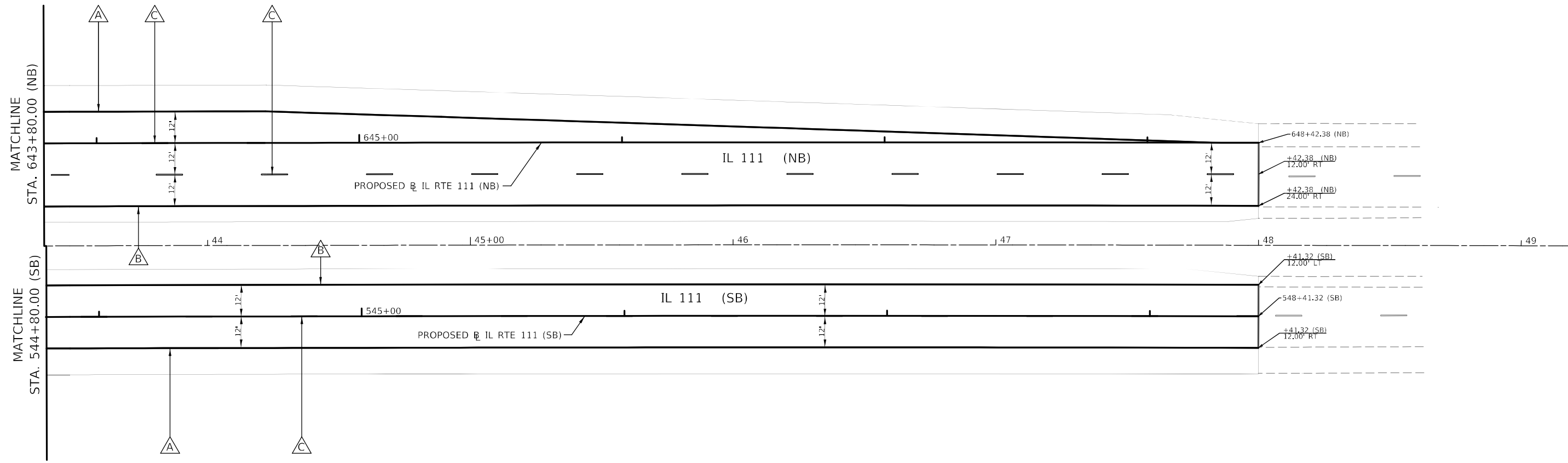
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DRAWN -	REVISOR -	
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PLOT DATE = 12/2/2021	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
F.A.P. 582 (IL 111)

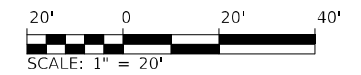
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	343
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT MARKING - LINE 6" SOLID, WHITE
- PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- PAVEMENT MARKING - LINE 8" SOLID, WHITE
- PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- PAVEMENT MARKING - LINE 12" SOLID, WHITE
- PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- PAVEMENT MARKING - LINE 24" SOLID, WHITE
- PAVEMENT MARKING - LETTERS AND SYMBOLS
- RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- RRPM ONE-WAY AMBER @ 40' CTRS.
- RRPM ONE-WAY CRYSTAL @ 4' CTRS.



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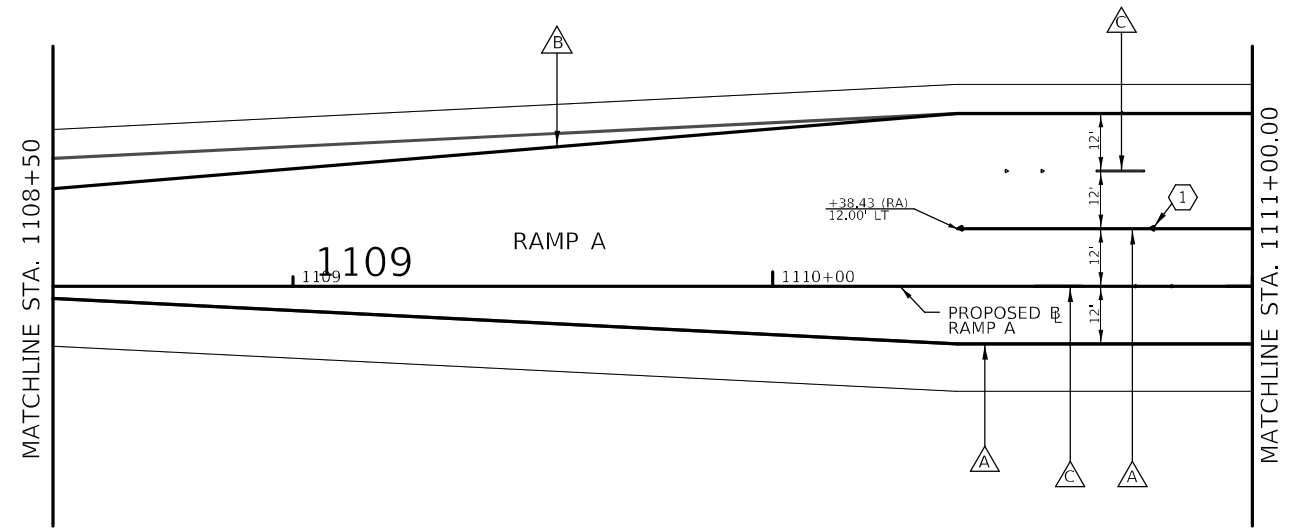
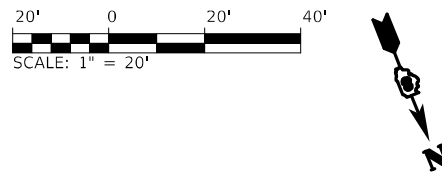
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PLOT DATE = 12/2/2021	DATE -	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 F.A.P. 582 (IL 111)

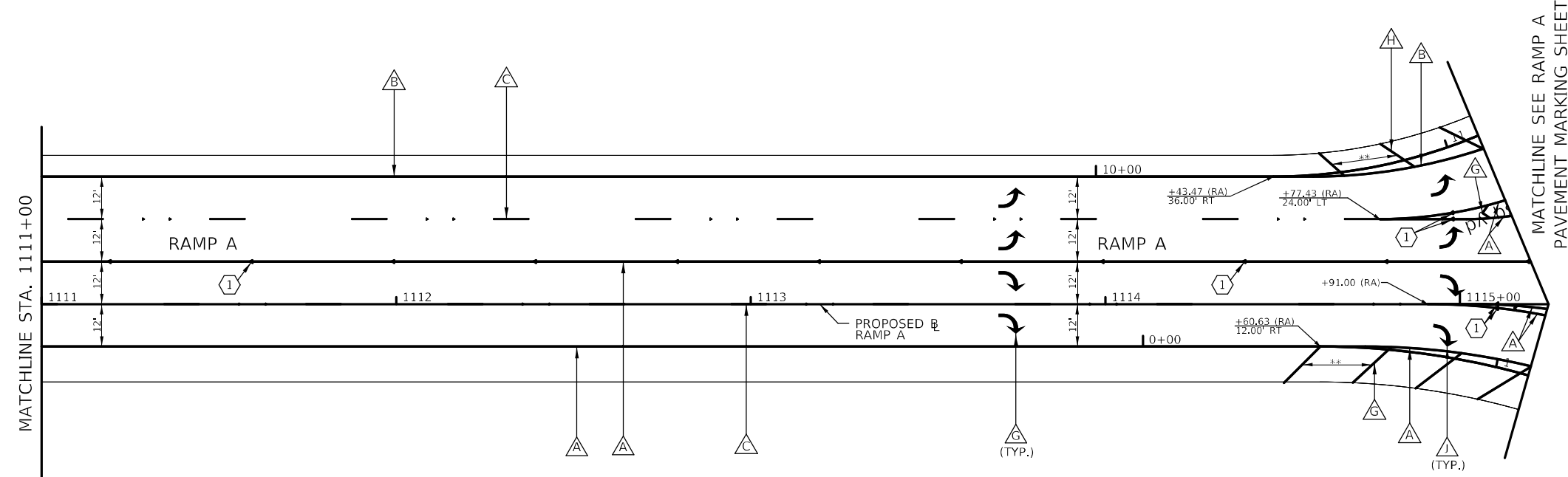
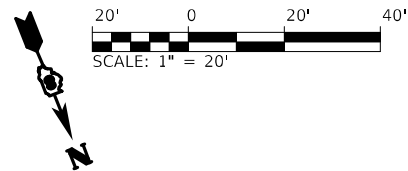
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	344
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT MARKING - LINE 6" SOLID, WHITE
- PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- PAVEMENT MARKING - LINE 8" SOLID, WHITE
- PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- PAVEMENT MARKING - LINE 12" SOLID, WHITE
- PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- PAVEMENT MARKING - LINE 24" SOLID, WHITE
- PAVEMENT MARKING - LETTERS AND SYMBOLS
- RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- RRPM ONE-WAY AMBER @ 40' CTRS.
- RRPM ONE-WAY CRYSTAL @ 4' CTRS.



LEGEND

- PAVEMENT MARKING - LINE 6" SOLID, WHITE
- PAVEMENT MARKING - LINE 6" SOLID, YELLOW
- PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')
- PAVEMENT MARKING - LINE 8" SOLID, WHITE
- PAVEMENT MARKING - LINE 8" SOLID, YELLOW
- PAVEMENT MARKING - LINE 12" SOLID, WHITE
- PAVEMENT MARKING - LINE 12" SOLID, YELLOW
- PAVEMENT MARKING - LINE 24" SOLID, WHITE
- PAVEMENT MARKING - LETTERS AND SYMBOLS
- RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- RRPM ONE-WAY AMBER @ 40' CTRS.
- RRPM ONE-WAY CRYSTAL @ 4' CTRS.

*** LINE SPACING 20' CTRS. (TYP.)

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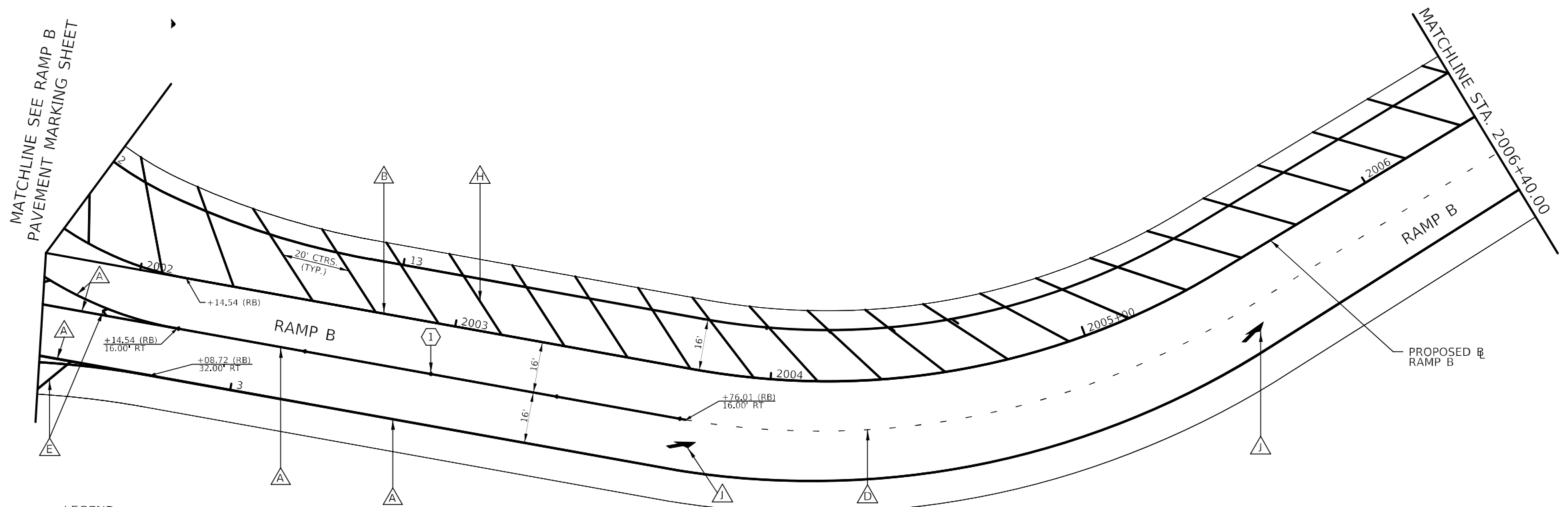
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DRAWN -	REVISIONS -	
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PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL RTE 111 - RAMP A**

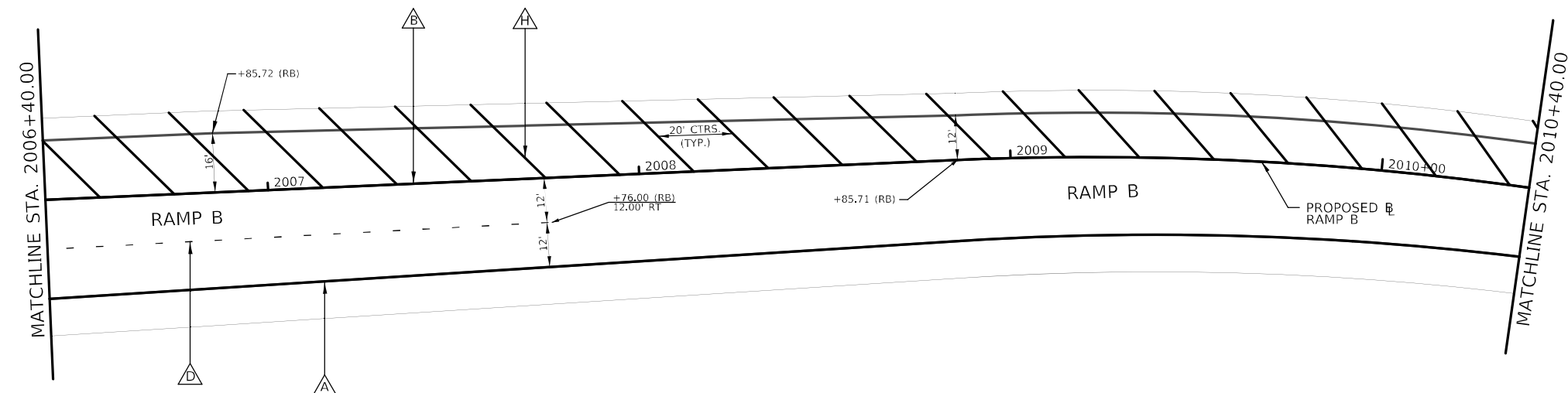
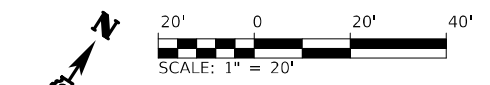
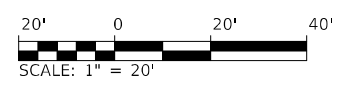
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	345
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|---|--|--|------------------------------------|----------------------------------|-----------------------------------|
| △ A PAVEMENT MARKING - LINE 6" SOLID, WHITE | △ B PAVEMENT MARKING - LINE 6" SOLID, YELLOW | △ C PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | △ D PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | △ E PAVEMENT MARKING - LINE 8" SOLID, WHITE | △ F PAVEMENT MARKING - LINE 8" SOLID, YELLOW | △ G PAVEMENT MARKING - LINE 12" SOLID, WHITE | △ H PAVEMENT MARKING - LINE 12" SOLID, YELLOW | △ I PAVEMENT MARKING - LINE 24" SOLID, WHITE | △ J PAVEMENT MARKING - LETTERS AND SYMBOLS | ① RRPM ONE-WAY CRYSTAL @ 40' CTRS. | ② RRPM ONE-WAY AMBER @ 40' CTRS. | ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
|---|--|--|--|---|--|--|---|--|--|------------------------------------|----------------------------------|-----------------------------------|



LEGEND

- | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|---|--|--|------------------------------------|----------------------------------|-----------------------------------|
| △ A PAVEMENT MARKING - LINE 6" SOLID, WHITE | △ B PAVEMENT MARKING - LINE 6" SOLID, YELLOW | △ C PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS. | △ D PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6') | △ E PAVEMENT MARKING - LINE 8" SOLID, WHITE | △ F PAVEMENT MARKING - LINE 8" SOLID, YELLOW | △ G PAVEMENT MARKING - LINE 12" SOLID, WHITE | △ H PAVEMENT MARKING - LINE 12" SOLID, YELLOW | △ I PAVEMENT MARKING - LINE 24" SOLID, WHITE | △ J PAVEMENT MARKING - LETTERS AND SYMBOLS | ① RRPM ONE-WAY CRYSTAL @ 40' CTRS. | ② RRPM ONE-WAY AMBER @ 40' CTRS. | ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS. |
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USER NAME = dintelmanjn	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL RTE 111 - RAMP B**

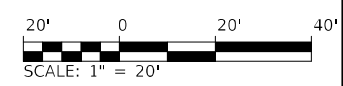
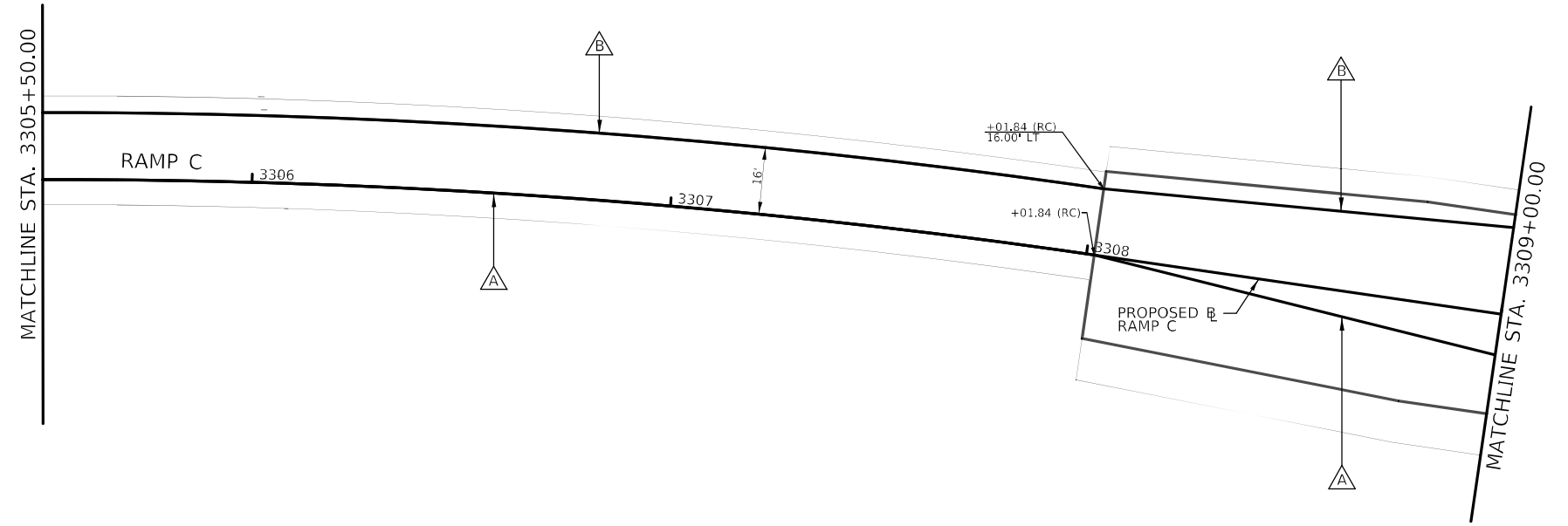
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	346
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

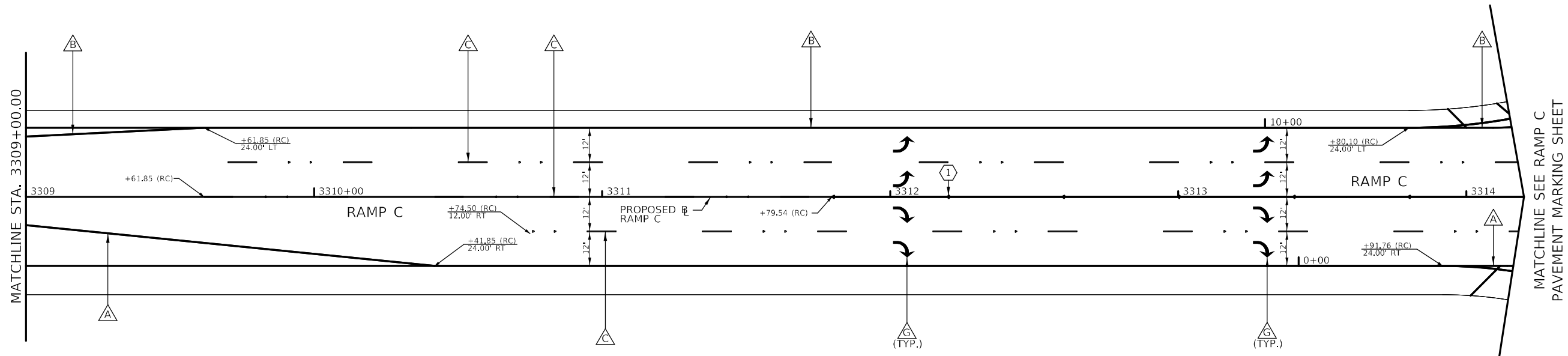


- LEGEND**
- ▲ PAVEMENT MARKING - LINE 4" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 4" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 4", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
 - ▲ PAVEMENT MARKING - LINE 4", WHITE DOTTED (2' - 6')
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 24" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ▲ PAVEMENT MARKING - LINE 6" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 6" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')

- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.

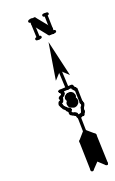
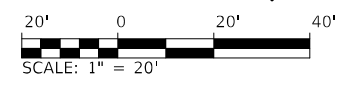


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- LEGEND**
- ▲ PAVEMENT MARKING - LINE 4" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 4" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 4", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.
 - ▲ PAVEMENT MARKING - LINE 4", WHITE DOTTED (2' - 6')
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 24" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ▲ PAVEMENT MARKING - LINE 6" SOLID, WHITE
 - ▲ PAVEMENT MARKING - LINE 12" SOLID, YELLOW
 - ▲ PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')

- ① RRPM ONE-WAY CRYSTAL @ 40' CTRS.
- ② RRPM ONE-WAY AMBER @ 40' CTRS.
- ③ RRPM ONE-WAY CRYSTAL @ 4' CTRS.



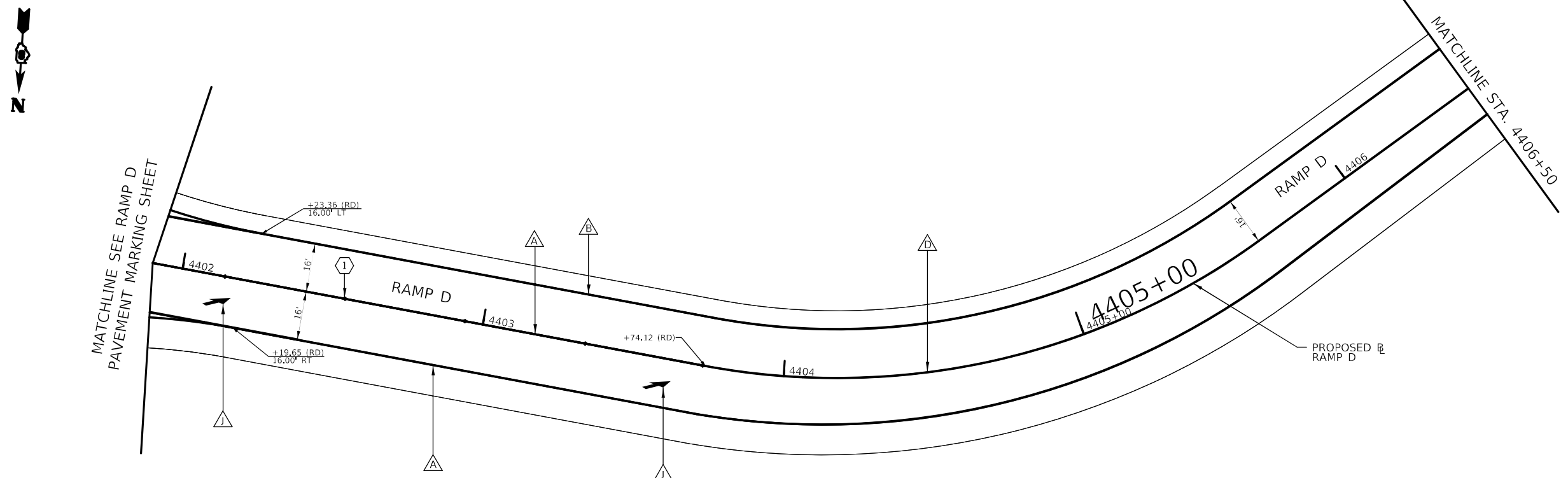
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/2/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL RTE 111 - RAMP C**

SCALE: 1" = 20' SHEET X OF XX SHEETS STA. 3305+50 TO STA. 3314+XX

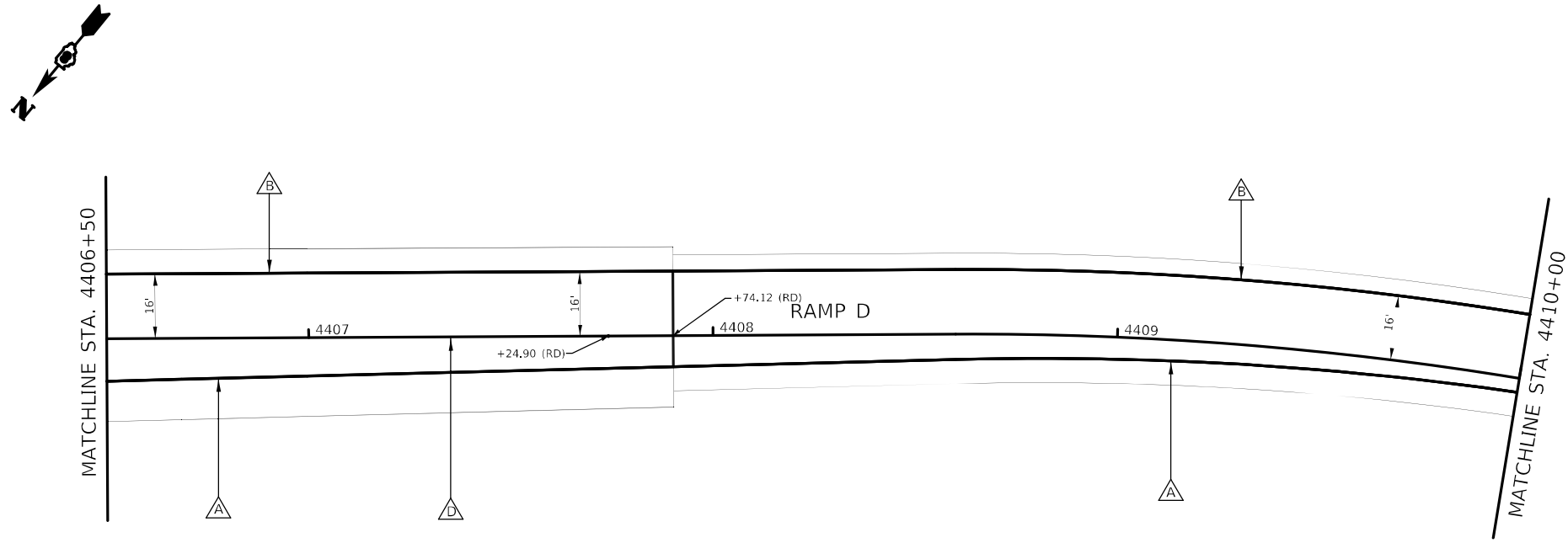
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	347
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



LEGEND

PAVEMENT MARKING - LINE 6" SOLID, WHITE	PAVEMENT MARKING - LINE 8" SOLID, WHITE	PAVEMENT MARKING - LINE 24" SOLID, WHITE	RRPM ONE-WAY CRYSTAL @ 40' CTRS.
PAVEMENT MARKING - LINE 6" SOLID, YELLOW	PAVEMENT MARKING - LINE 8" SOLID, YELLOW	PAVEMENT MARKING - LETTERS AND SYMBOLS	RRPM ONE-WAY AMBER @ 40' CTRS.
PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.	PAVEMENT MARKING - LINE 12" SOLID, WHITE		RRPM ONE-WAY CRYSTAL @ 4' CTRS.
PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')	PAVEMENT MARKING - LINE 12" SOLID, YELLOW		

Scale: 1" = 20'



LEGEND

PAVEMENT MARKING - LINE 6" SOLID, WHITE	PAVEMENT MARKING - LINE 8" SOLID, WHITE	PAVEMENT MARKING - LINE 24" SOLID, WHITE	RRPM ONE-WAY CRYSTAL @ 40' CTRS.
PAVEMENT MARKING - LINE 6" SOLID, YELLOW	PAVEMENT MARKING - LINE 8" SOLID, YELLOW	PAVEMENT MARKING - LETTERS AND SYMBOLS	RRPM ONE-WAY AMBER @ 40' CTRS.
PAVEMENT MARKING - LINE 6", WHITE SKIP DASH (10' - 30') WITH RRPM, ONE-WAY CRYSTAL @ 40' CTRS.	PAVEMENT MARKING - LINE 12" SOLID, WHITE		RRPM ONE-WAY CRYSTAL @ 4' CTRS.
PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' - 6')	PAVEMENT MARKING - LINE 12" SOLID, YELLOW		

Scale: 1" = 20'

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USER NAME = Jon.Dintelman	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 5/8/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL RTE 111 - RAMP D

SCALE: 1" = 20' SHEET 11 OF XX SHEETS STA. 4401+XX TO STA. 4410+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	348
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

SUMMARY OF TRAFFIC SIGNAL QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.	IL RTE 111 AT I-270	IL RTE 111 AT CHAIN OF ROCKS ROAD	INTERCONNECT
RELOCATE SIGN PANEL - TYPE 1	SQ FT	20		20	
SERVICE INSTALLATION, TYPE A	EACH	1	1		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	3,857	765		3,092
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,590	1,541	408	2,641
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	823	658	165	
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	855	855		
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16"X12"X8"	EACH	2	2		
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	14	10		4
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3	3		
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO. 2	FOOT	385	385		
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)	EACH	1	1		
TRANSCEIVER - FIBER OPTIC	EACH	3	1	1	1
ETHERNET SWITCH (FURNISH ONLY)	EACH	2	2		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,978	2,978		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	24,306	23,099	780	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,632	3,005	220	
TRAFFIC SIGNAL POST, 13 FT.	EACH	4	4		
TRAFFIC SIGNAL POST, 14 FT.	EACH	8	8		
TRAFFIC SIGNAL POST, 15 FT.	EACH	4	4		
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2	2		
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2	2		
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2	2		
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2	2		
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1		1	
CONCRETE FOUNDATION, TYPE A	FOOT	64	64		
CONCRETE FOUNDATION, TYPE D	FOOT	3	3		
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	115	102	15	
DRILL EXISTING HANDHOLE	EACH	7		5	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	16	16		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	18	18		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4	4		
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	18	18		
RELOCATE EXISTING SIGNAL HEAD	EACH	4		4	
MODIFY EXISTING CONTROLLER	EACH	2			2
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1,014		1,014	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
REMOVE EXISTING HANDHOLE	EACH	1		1	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1	
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	EACH	5,006			5,006
REMOVE AND REINSTALL VIDEO DETECTION CAMERA	EACH	1		1	
CHANGEABLE MESSAGE SIGN	CAL DA	18	18		
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1		
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F, SM24F	FOOT	5,068			5,068
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	4,686	4,651	35	
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1
VIDEO VEHICLE DETECTION SYSTEM	EACH	2	2		

ELECTRIAL GENERAL NOTES:

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE, SIGNAL POSTS, AND BASES SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE. ALL MAST ARMS AND POLES SHALL BE GALVANIZED.
- ALL TRAFFIC CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 873.03(B)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- CABLE MARKING TAPE SHALL BE INCLUDED WITH THE PAY ITEM "TRENCH AND BACKFILL FOR ELECTRICAL WORK" AND INSTALLED PER ARTICLE 815.03(D) OF THE STANDARD SPECIFICATION FOR THE ROAD AND BRIDGE CONSTRUCTION.
- A 1/4" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL SIGNAL CONDUITS, THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEM.

TRAFFIC SIGNAL TURN-ON NOTES

- PRIOR TO TRAFFIC SIGNAL TURN-ON, CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON NB IL ROUTE 111 AND SB IL ROUTE 111 PRIOR TO THE NEW SIGNALIZED INTERSECTION. A MESSAGE SIMILAR TO THIS EXAMPLE OR AS DIRECTED BY THE ENGINEER SHALL BE DISPLAYED ON ALL SIGNS FOR A PERIOD OF 72 HOURS PRIOR TO THE TRAFFIC SIGNAL TURN-ON.



- AFTER THE TRAFFIC SIGNAL TURN-ON, A MESSAGE SIMILAR TO THIS EXAMPLE OR AS DIRECTED BY THE ENGINEER SHALL BE DISPLAYED ON ALL SIGNS FOR A PERIOD OF 72 HOURS.

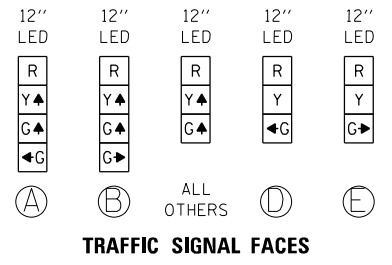
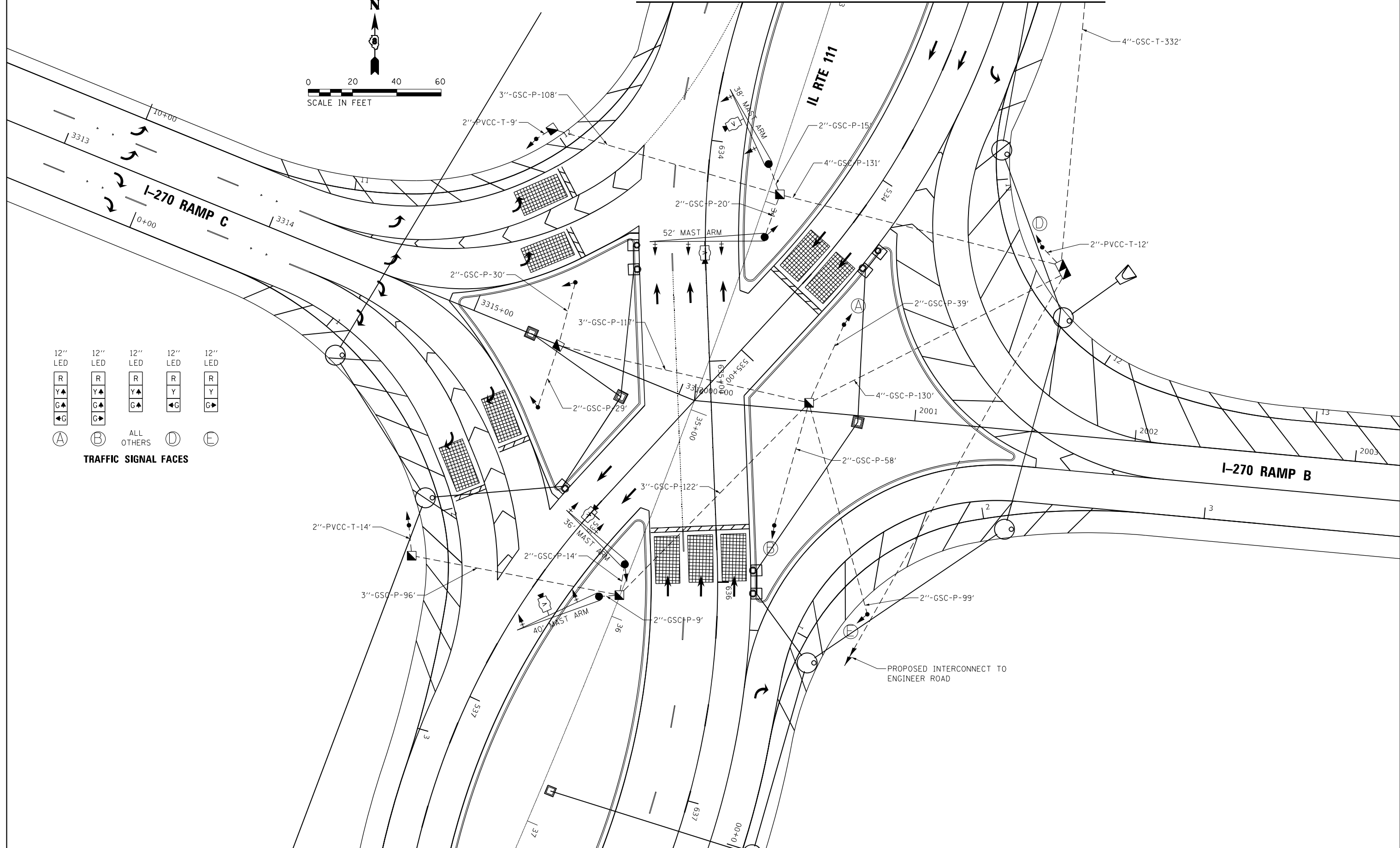
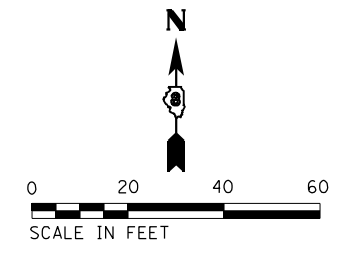


- ALL MESSAGES TO BE DISPLAYED ON THE CHANGEABLE MESSAGE SIGNS SHALL BE APPROVED BY THE ENGINEER.

TRAFFIC SIGNALS LEGEND

RREC	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
GSC	GALVANIZED STEEL CONDUIT
	EXISTING TRAFFIC SIGNAL MAST ARM
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING DETECTOR LOOP
	EXISTING CONTROLLER
	EXISTING STREET NAME SIGN/TRAFFIC SIGN
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	PROPOSED TRAFFIC SIGNAL MAST ARM
	PROPOSED HANDHOLE
	PROPOSED DOUBLE HANDHOLE
	PROPOSED DETECTOR LOOP
	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
	PROPOSED CONTROLLER WITH BATTERY BACKUP
	PROPOSED VIDEO CAMERA
	PROPOSED JUNCTION BOX
	PROPOSED SERVICE INSTALLATION
	PROPOSED VIDEO DETECTION ZONE

MATCH LINE A-A (SEE NEXT SHEET)



AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = srahman	DESIGNED - TM	REVISED -
DRAWN - TM	REVISOR -	
CHECKED - AS	REVISOR -	
DATE - 03-20-2024	REVISOR -	

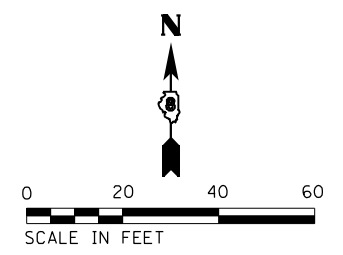
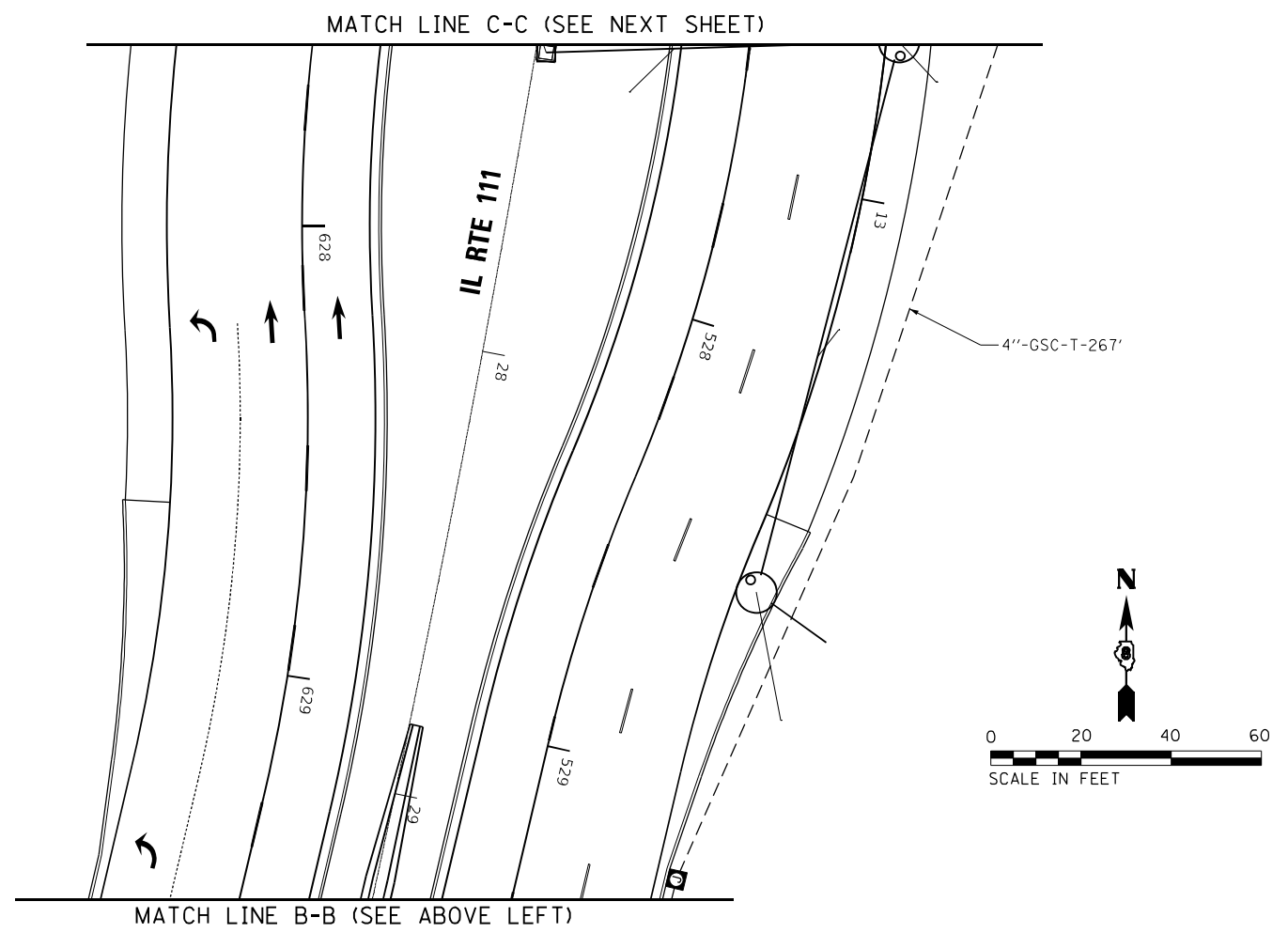
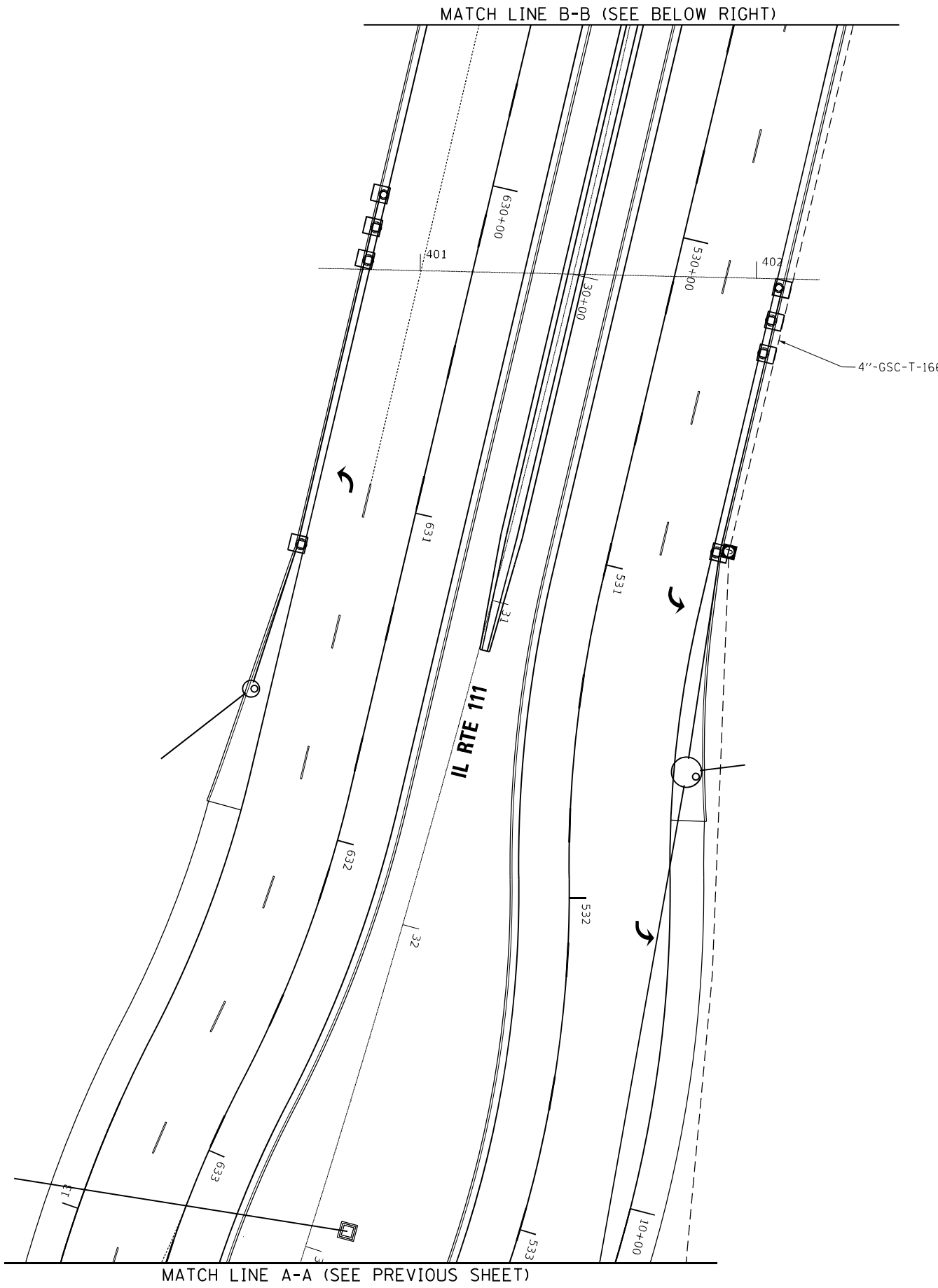
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CHECKED - AS	REVISOR -
DATE - 03-20-2024	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL RTE 111 AND I-270
PLAN - SHEET 1 OF 4

SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 351
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

USER NAME = srahman	DESIGNED - TM	REVISED -
DRAWN - TM	REVISOR -	
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PLOT DATE = 4/30/2024	DATE - 03-20-2024	REVISOR -

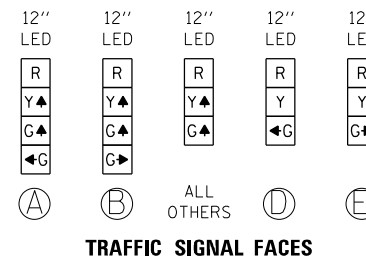
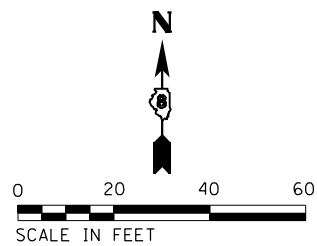
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL RTE 111 AND I-270
PLAN - SHEET 2 OF 4

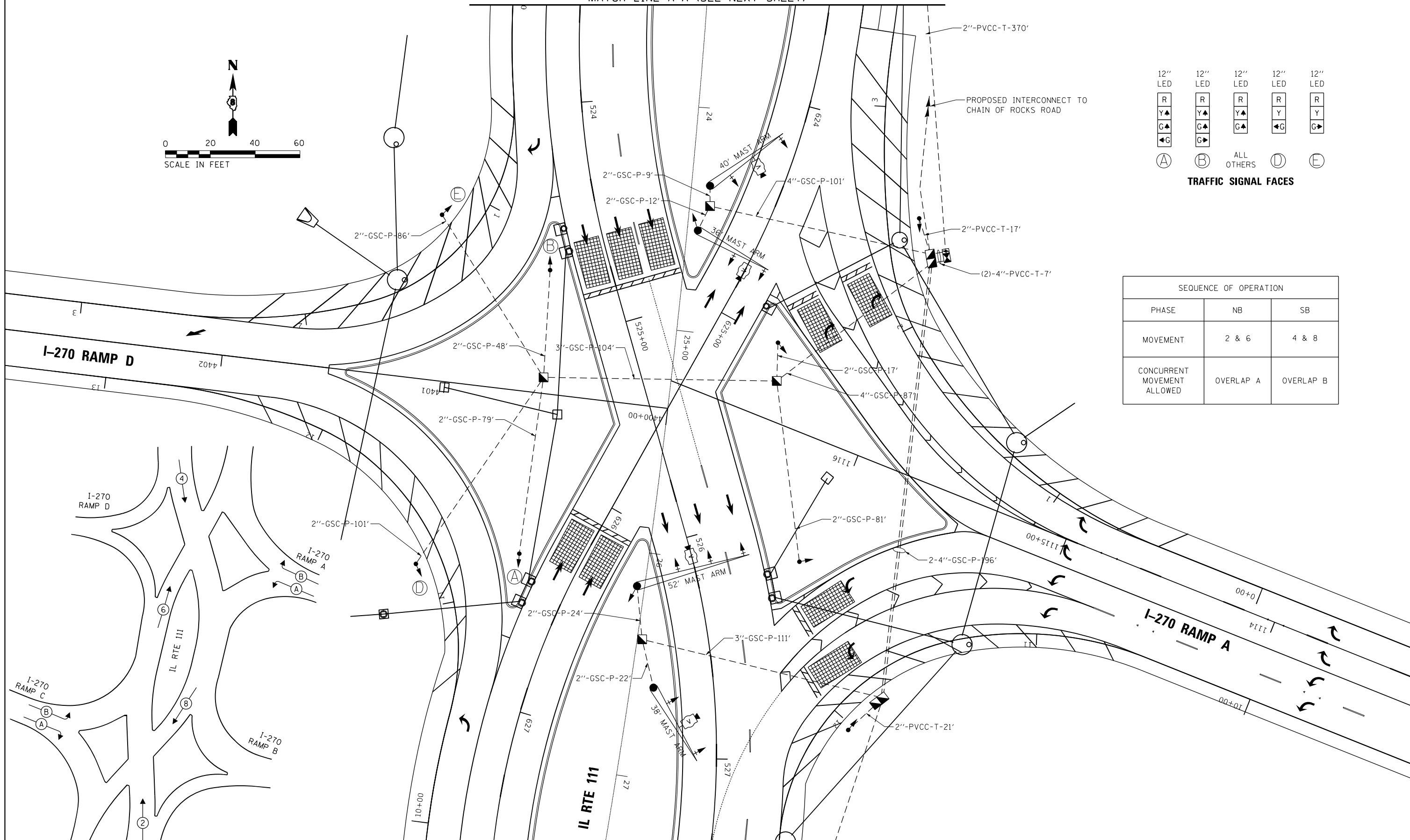
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 352
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

MATCH LINE A-A (SEE NEXT SHEET)



SEQUENCE OF OPERATION		
PHASE	NB	SB
MOVEMENT	2 & 6	4 & 8
CONCURRENT MOVEMENT ALLOWED	OVERLAP A	OVERLAP B



MATCH LINE C-C (SEE PREVIOUS SHEET)

PHASE DESIGNATION DIAGRAM

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

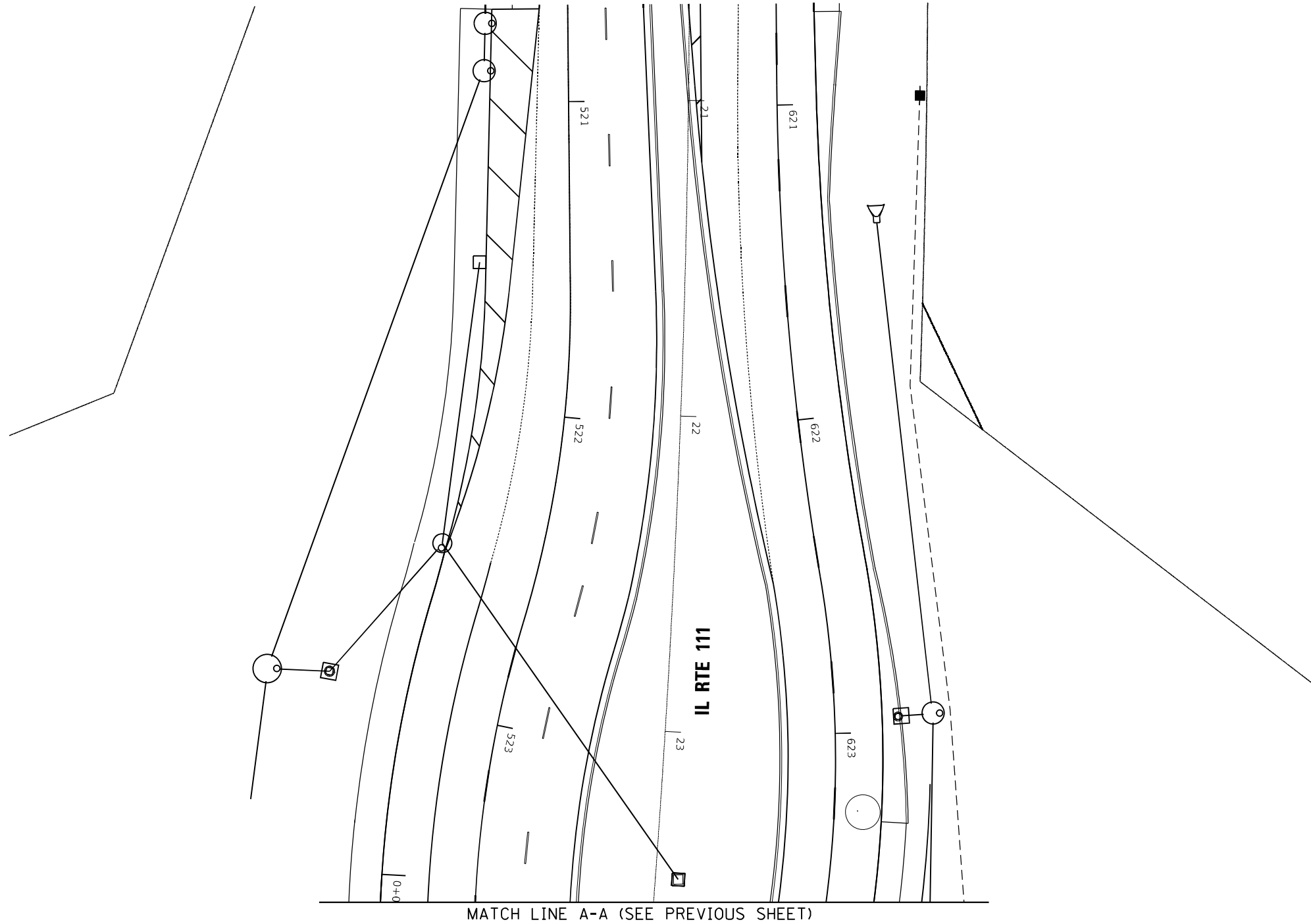
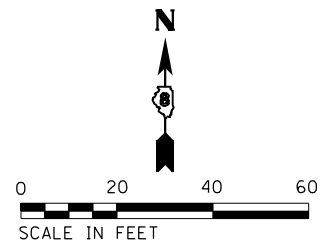
USER NAME = srahmen	DESIGNED - TM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - TM	REVISED -
PLOT DATE = 4/30/2024	CHECKED - AS	REVISED -
	DATE - 03-20-2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL RTE 111 AND I-270
PLAN - SHEET 3 OF 4

SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	353
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = srahman
PLOT SCALE = 40.0000' / in.
PLOT DATE = 4/30/2024

DESIGNED - TM
DRAWN - TM
CHECKED - AS
DATE - 03-20-2024

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS
IL RTE 111 AND I-270
PLAN - SHEET 4 OF 4**

SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	354
CONTRACT NO.			76818	
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- PROPOSED SERVICE INSTALLATION
- ⚡ PROPOSED BATTERY BACKUP
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

I-270 RAMP C

IL RTE 111

I-270 RAMP B

• RED AND YELLOW NOT CONNECTED

- GROUNDING SHALL INCLUDE:
- 1 EACH CONTROLLER,
 - 6 EACH SIGNAL POLES,
 - 4 EACH MAST ARM POLES,
 - 1 EACH DOUBLE HANDHOLE,
 - 6 EACH HANDHOLES AT INTERSECTION (C.C.O. HANDHOLES DO NOT REQUIRE GROUNDING)

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = srahman	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - AS	REVISED -
PLOT DATE = 4/30/2024	DATE - 03-20-2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS
IL RTE 111 AND I-270
PLAN - SHEET 1 OF 2**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	355
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- PROPOSED SERVICE INSTALLATION
- ⚡ PROPOSED BATTERY BACKUP
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

• RED AND YELLOW NOT CONNECTED

I-270 RAMP D

I-270 RAMP A

IL RTE 111

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SERVICE INSTALLATION, TYPE A	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	765
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1,541
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	658
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	855
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16"X12"X8"	EACH	2
HANDHOLE, PORTLAND CONCRETE CEMENT	EACH	10
DOUBLE HANDHOLE, PORTLAND CONCRETE CEMENT	EACH	3
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO. 2	FOOT	385
FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ETHERNET SWITCH (FURNISH ONLY)	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,978
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	23,099
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,005
TRAFFIC SIGNAL POST, 13 FT.	EACH	4
TRAFFIC SIGNAL POST, 14 FT.	EACH	8
TRAFFIC SIGNAL POST, 15 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	64
CONCRETE FOUNDATION, TYPE D	FOOT	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	102
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	16
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	18
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	18
CHANGEABLE MESSAGE SIGN	CAL DA	18
UNINTERRUPTABLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	4,651
VIDEO VEHICLE DETECTION SYSTEM	EACH	2

*GROUNDING SHALL INCLUDE:
 1 EACH CONTROLLER,
 6 EACH SIGNAL POLES,
 4 EACH MAST ARM POLES,
 1 EACH DOUBLE HANDHOLE,
 5 EACH HANDHOLES AT INTERSECTION
 (C.C.O. HANDHOLES DO NOT REQUIRE GROUNDING)

AMES Engineering,
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 400
 Downers Grove, IL 60516

USER NAME = tmciej
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/21/2024

DESIGNED - TM
 DRAWN - TM
 CHECKED - AS
 DATE - 03-20-2024

REVISED -
 REVISED -
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 REVISED -

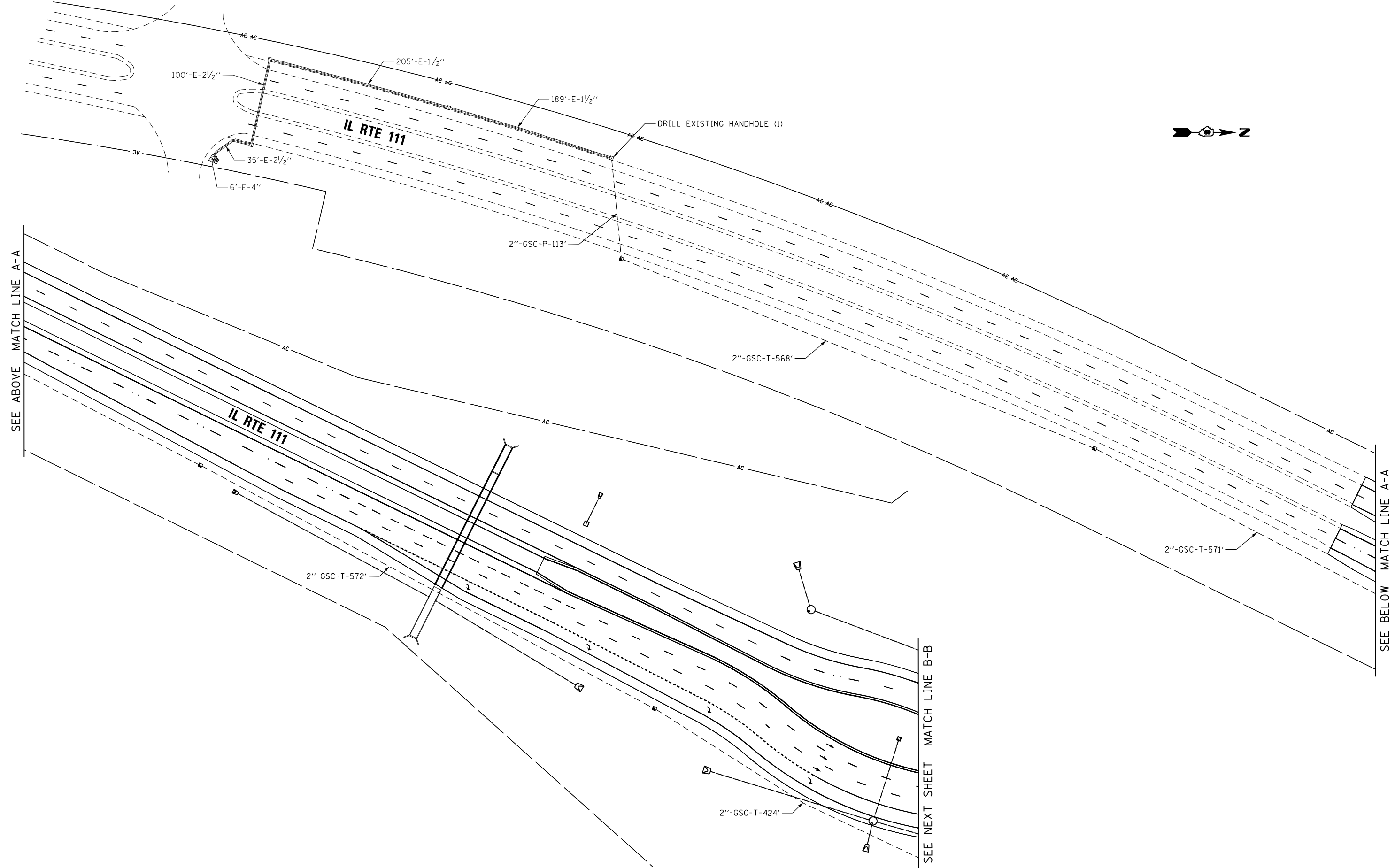
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
 IL RTE 111 AND I-270
 PLAN - SHEET 2 OF 2

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	357
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

ENGINEER ROAD



SEE ABOVE MATCH LINE A-A

SEE BELOW MATCH LINE A-A

SEE NEXT SHEET MATCH LINE B-B

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

USER NAME = srahman
 PLOT SCALE = 100.0000' / 1\"/>

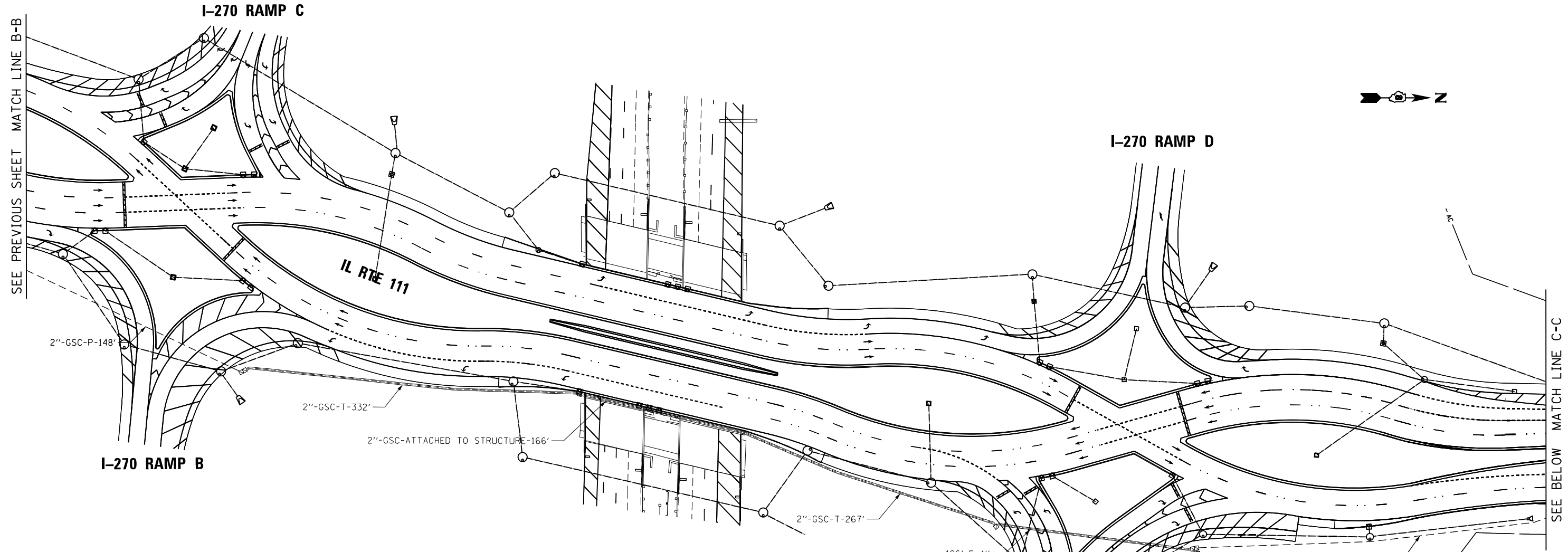
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 CHECKED - AS
 DATE - 03-20-2024

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN - SHEET 1 OF 2
 IL RTE 111 FROM ENGINEER ROAD TO CHAIN OF ROCKS ROAD**
 SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	357
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

USER NAME = srahman
 DESIGNED - TM
 DRAWN - TM
 CHECKED - AS
 DATE - 03-20-2024

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

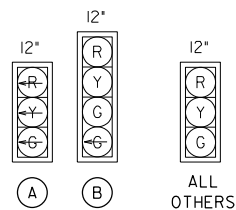
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN - SHEET 2 OF 2
IL RTE 111 FROM ENGINEER ROAD TO CHAIN OF ROCKS ROAD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	358
CONTRACT NO.			76818	
ILLINOIS FED. AID PROJECT				

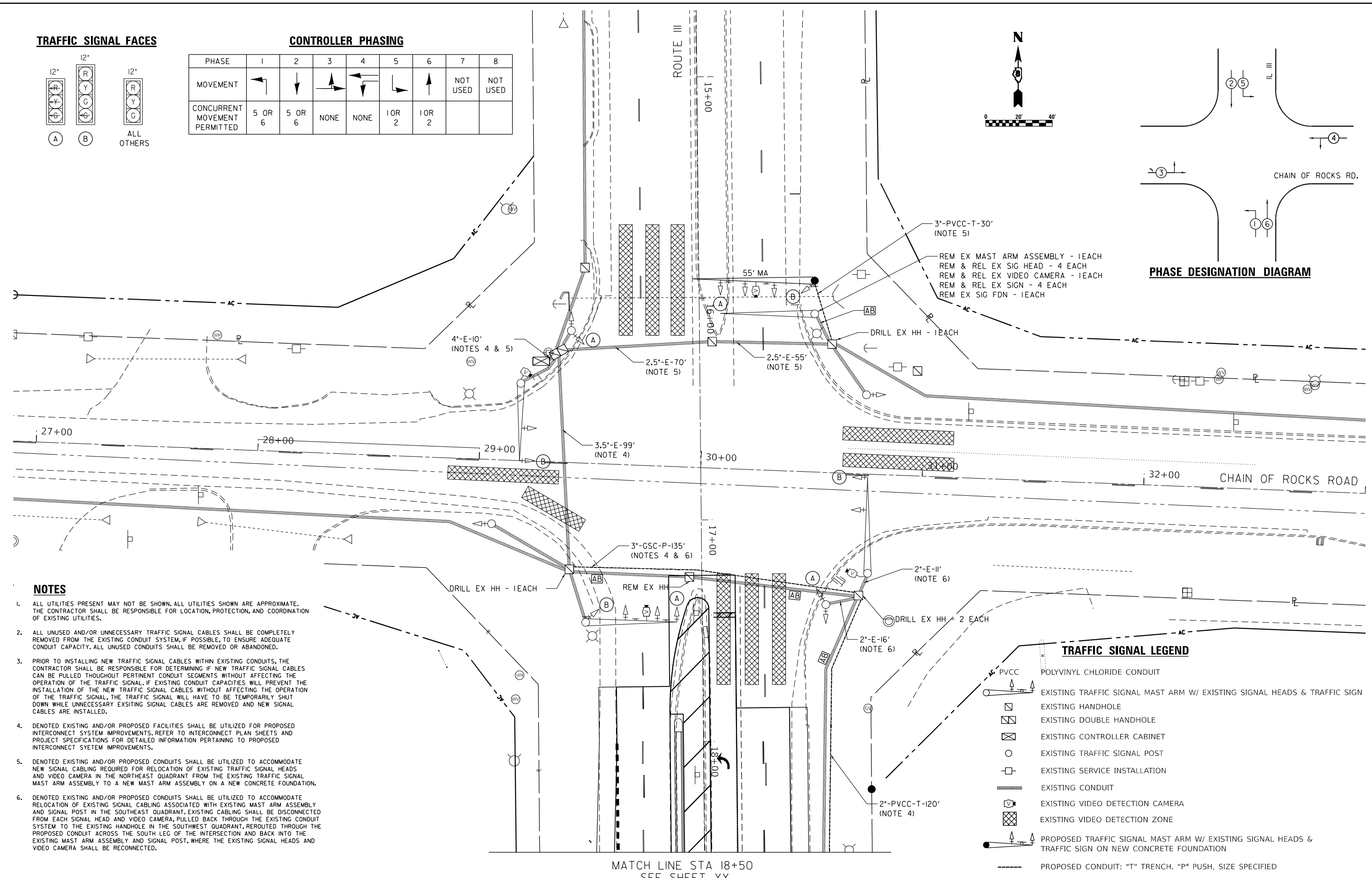
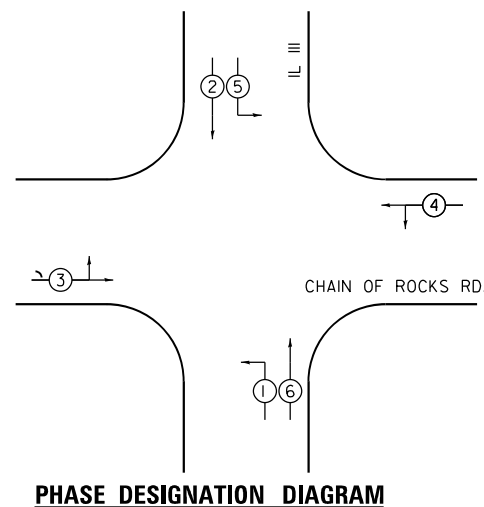
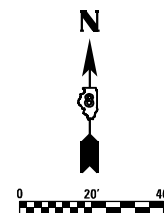
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

TRAFFIC SIGNAL FACES



CONTROLLER PHASING

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	←	↓	→	←	↓	↑	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		



NOTES

- ALL UTILITIES PRESENT MAY NOT BE SHOWN, ALL UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION, PROTECTION, AND COORDINATION OF EXISTING UTILITIES.
- ALL UNUSED AND/OR UNNECESSARY TRAFFIC SIGNAL CABLES SHALL BE COMPLETELY REMOVED FROM THE EXISTING CONDUIT SYSTEM, IF POSSIBLE, TO ENSURE ADEQUATE CONDUIT CAPACITY. ALL UNUSED CONDUITS SHALL BE REMOVED OR ABANDONED.
- PRIOR TO INSTALLING NEW TRAFFIC SIGNAL CABLES WITHIN EXISTING CONDUITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IF NEW TRAFFIC SIGNAL CABLES CAN BE PULLED THROUGHOUT PERTINENT CONDUIT SEGMENTS WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL. IF EXISTING CONDUIT CAPACITIES WILL PREVENT THE INSTALLATION OF THE NEW TRAFFIC SIGNAL CABLES WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL, THE TRAFFIC SIGNAL WILL HAVE TO BE TEMPORARILY SHUT DOWN WHILE UNNECESSARY EXISTING SIGNAL CABLES ARE REMOVED AND NEW SIGNAL CABLES ARE INSTALLED.
- DENOTED EXISTING AND/OR PROPOSED FACILITIES SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. REFER TO INTERCONNECT PLAN SHEETS AND PROJECT SPECIFICATIONS FOR DETAILED INFORMATION PERTAINING TO PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS.
- DENOTED EXISTING AND/OR PROPOSED CONDUITS SHALL BE UTILIZED TO ACCOMMODATE NEW SIGNAL CABLING REQUIRED FOR RELOCATION OF EXISTING TRAFFIC SIGNAL HEADS AND VIDEO CAMERA IN THE NORTHEAST QUADRANT FROM THE EXISTING TRAFFIC SIGNAL MAST ARM ASSEMBLY TO A NEW MAST ARM ASSEMBLY ON A NEW CONCRETE FOUNDATION.
- DENOTED EXISTING AND/OR PROPOSED CONDUITS SHALL BE UTILIZED TO ACCOMMODATE RELOCATION OF EXISTING SIGNAL CABLING ASSOCIATED WITH EXISTING MAST ARM ASSEMBLY AND SIGNAL POST IN THE SOUTHEAST QUADRANT. EXISTING CABLING SHALL BE DISCONNECTED FROM EACH SIGNAL HEAD AND VIDEO CAMERA, PULLED BACK THROUGH THE EXISTING CONDUIT SYSTEM TO THE EXISTING HANDHOLE IN THE SOUTHWEST QUADRANT, REROUTED THROUGH THE PROPOSED CONDUIT ACROSS THE SOUTH LEG OF THE INTERSECTION AND BACK INTO THE EXISTING MAST ARM ASSEMBLY AND SIGNAL POST, WHERE THE EXISTING SIGNAL HEADS AND VIDEO CAMERA SHALL BE RECONNECTED.

TRAFFIC SIGNAL LEGEND

- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING TRAFFIC SIGNAL MAST ARM W/ EXISTING SIGNAL HEADS & TRAFFIC SIGN
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING CONTROLLER CABINET
- EXISTING TRAFFIC SIGNAL POST
- EXISTING SERVICE INSTALLATION
- EXISTING CONDUIT
- EXISTING VIDEO DETECTION CAMERA
- EXISTING VIDEO DETECTION ZONE
- PROPOSED TRAFFIC SIGNAL MAST ARM W/ EXISTING SIGNAL HEADS & TRAFFIC SIGN ON NEW CONCRETE FOUNDATION
- PROPOSED CONDUIT: "T" TRENCH. "P" PUSH, SIZE SPECIFIED

MATCH LINE STA 18+50
SEE SHEET XX



USER NAME = tmckey	DESIGNED - NN	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - GH	REVISED -
PLOT DATE = 5/23/2024	CHECKED - TK	REVISED -
	DATE - 01-25-2021	REVISED -

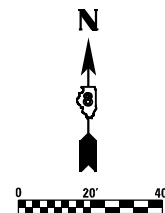
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL RTE 111 AND CHAIN OF ROCKS ROAD

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

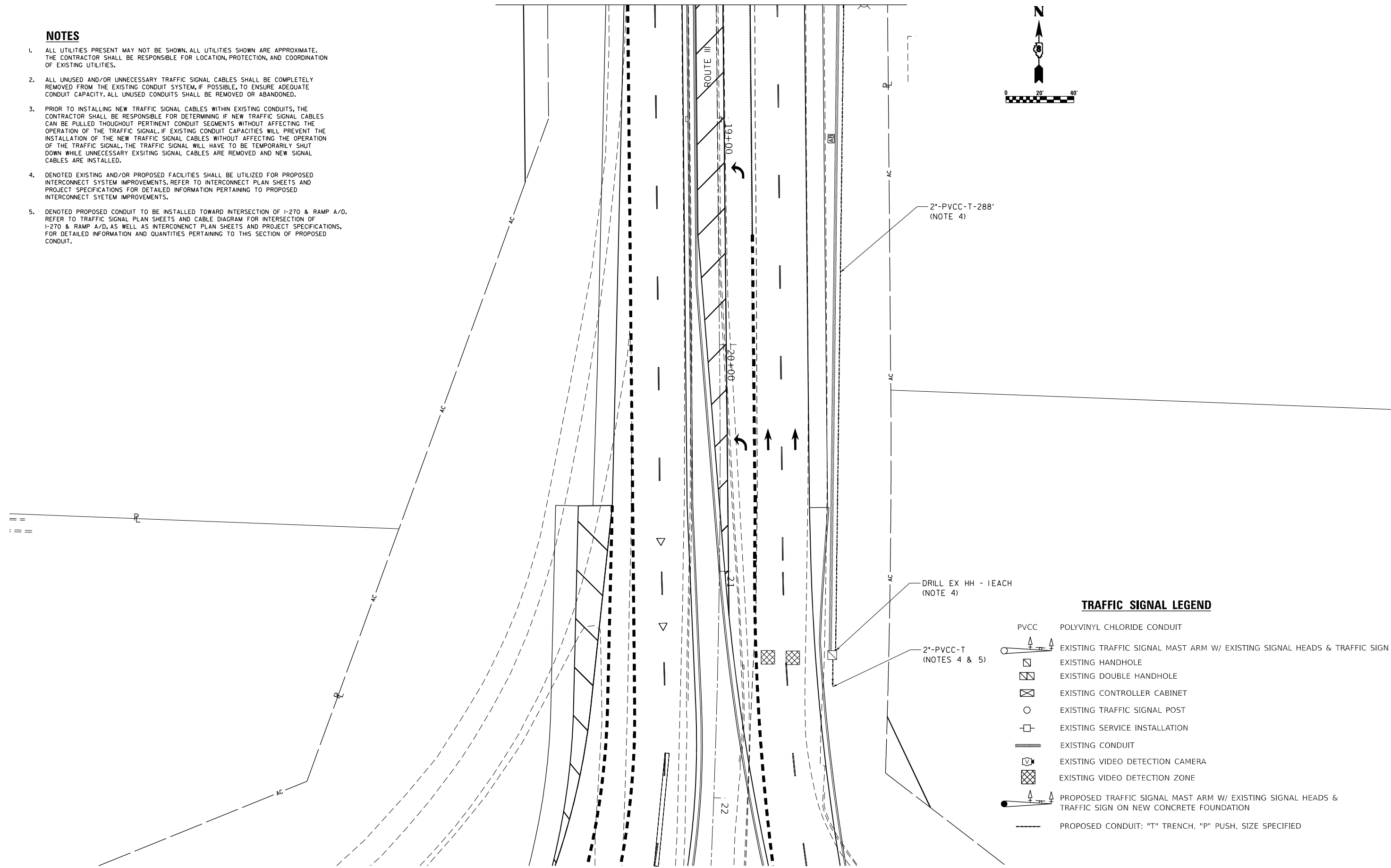
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	60-3K-1	MADISON	576	359
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 18+50
SEE SHEET XX



NOTES

1. ALL UTILITIES PRESENT MAY NOT BE SHOWN. ALL UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION, PROTECTION, AND COORDINATION OF EXISTING UTILITIES.
2. ALL UNUSED AND/OR UNNECESSARY TRAFFIC SIGNAL CABLES SHALL BE COMPLETELY REMOVED FROM THE EXISTING CONDUIT SYSTEM, IF POSSIBLE, TO ENSURE ADEQUATE CONDUIT CAPACITY. ALL UNUSED CONDUITS SHALL BE REMOVED OR ABANDONED.
3. PRIOR TO INSTALLING NEW TRAFFIC SIGNAL CABLES WITHIN EXISTING CONDUITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IF NEW TRAFFIC SIGNAL CABLES CAN BE PULLED THROUGHOUT PERTINENT CONDUIT SEGMENTS WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL, IF EXISTING CONDUIT CAPACITIES WILL PREVENT THE INSTALLATION OF THE NEW TRAFFIC SIGNAL CABLES WITHOUT AFFECTING THE OPERATION OF THE TRAFFIC SIGNAL, THE TRAFFIC SIGNAL WILL HAVE TO BE TEMPORARILY SHUT DOWN WHILE UNNECESSARY EXSITING SIGNAL CABLES ARE REMOVED AND NEW SIGNAL CABLES ARE INSTALLED.
4. DENOTED EXISTING AND/OR PROPOSED FACILITIES SHALL BE UTILIZED FOR PROPOSED INTERCONNECT SYSTEM IMPROVEMENTS. REFER TO INTERCONNECT PLAN SHEETS AND PROJECT SPECIFICATIONS FOR DETAILED INFORMATION PERTAINING TO PROPOSED INTERCONNECT SYETEM IMPROVEMENTS.
5. DENOTED PROPOSED CONDUIT TO BE INSTALLED TOWARD INTERSECTION OF I-270 & RAMP A/D. REFER TO TRAFFIC SIGNAL PLAN SHEETS AND CABLE DIAGRAM FOR INTERSECTION OF I-270 & RAMP A/D, AS WELL AS INTERCONENCT PLAN SHEETS AND PROJECT SPECIFICATIONS, FOR DETAILED INFORMATION AND QUANTITIES PERTAINING TO THIS SECTION OF PROPOSED CONDUIT.



TRAFFIC SIGNAL LEGEND

- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING TRAFFIC SIGNAL MAST ARM W/ EXISTING SIGNAL HEADS & TRAFFIC SIGN
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING CONTROLLER CABINET
- EXISTING TRAFFIC SIGNAL POST
- EXISTING SERVICE INSTALLATION
- EXISTING CONDUIT
- EXISTING VIDEO DETECTION CAMERA
- EXISTING VIDEO DETECTION ZONE
- PROPOSED TRAFFIC SIGNAL MAST ARM W/ EXISTING SIGNAL HEADS & TRAFFIC SIGN ON NEW CONCRETE FOUNDATION
- PROPOSED CONDUIT: "T" TRENCH. "P" PUSH, SIZE SPECIFIED



USER NAME = tmckey	DESIGNED - NN	REVISED -
	DRAWN - GH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - TK	REVISED -
PLOT DATE = 5/23/2024	DATE - 01-25-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL DETAILS
IL RTE 111 AND CHAIN OF ROCKS ROAD**

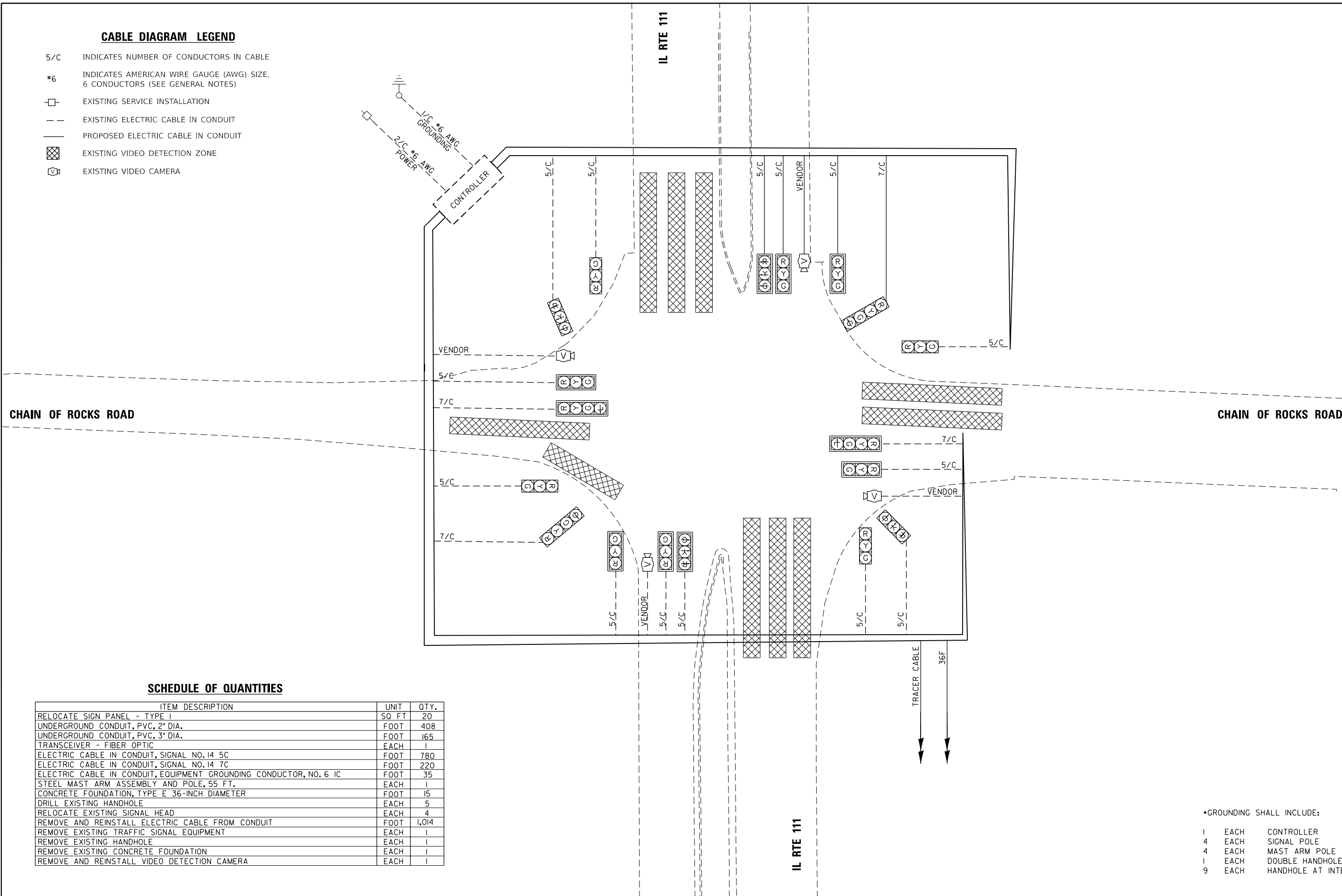
SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	60-3K-1	MADISON	576	380
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



CABLE DIAGRAM LEGEND

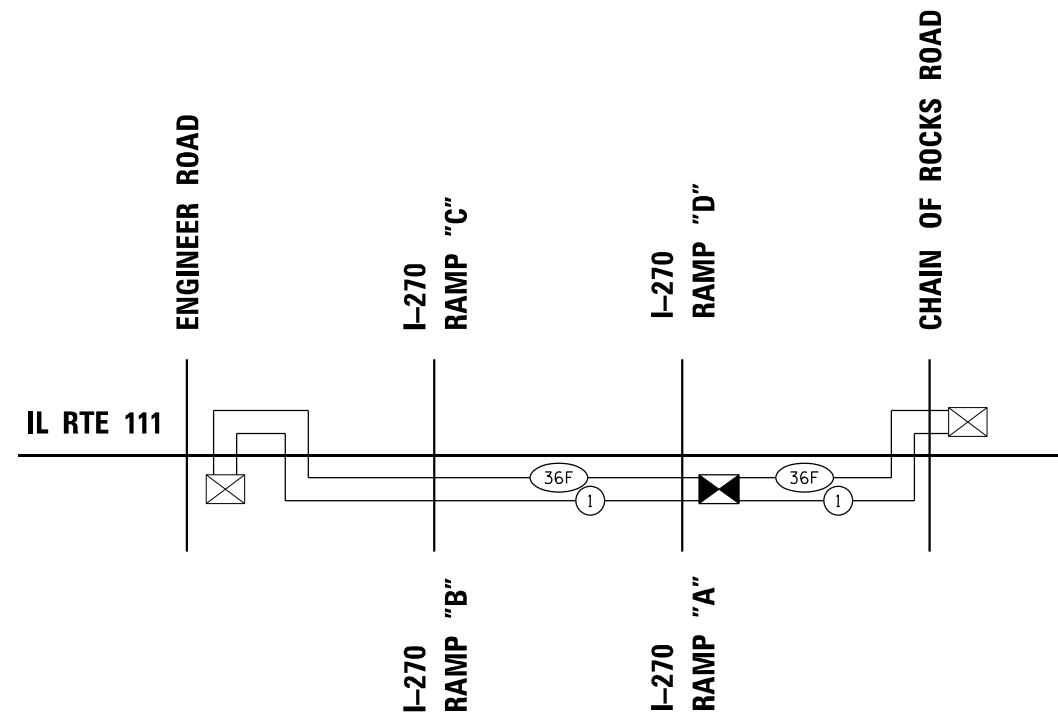
- 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE, 6 CONDUCTORS (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ELECTRIC CABLE IN CONDUIT
- PROPOSED ELECTRIC CABLE IN CONDUIT
- EXISTING VIDEO DETECTION ZONE
- EXISTING VIDEO CAMERA



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
RELOCATE SIGN PANEL - TYPE 1	SO FT	20
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	408
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	165
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	780
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	220
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	35
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	5
RELOCATE EXISTING SIGNAL HEAD	EACH	4
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1,014
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
REMOVE AND REINSTALL VIDEO DETECTION CAMERA	EACH	1

- GROUNDING SHALL INCLUDE:
- 1 EACH CONTROLLER
 - 4 EACH SIGNAL POLE
 - 4 EACH MAST ARM POLE
 - 1 EACH DOUBLE HANDHOLE
 - 9 EACH HANDHOLE AT INTERSECTION



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2,641
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
TRANSCIEIVER - FIBER OPTIC	EACH	1
DRILL EXISTING HANDHOLE	EACH	2
MODIFY EXISTING CONTROLLER	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5,006
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5,068
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	270
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2380
DRILL EXISTING HANDHOLE	EACH	3
REMOVE EXISTING HANDHOLE	EACH	9
FIBER OPTIC UTILITY MARKER	EACH	7
CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, FOUNDATION, 30" DIAMETER	FOOT	10
REMOVAL OF TEMPORARY WOOD POLES AND FIBER OPTIC CABLE	L SUM	1
TEMPORARY WOOD POLE, 50 FT. CLASS 4	EACH	11
MAINTAINING ITS DURING CONSTRUCTION	CAL MO	24
CLOSED CIRCUIT TELEVISION STRUCTURE, GALVANIZED STEEL, 50 FT. MOUNTING HEIGHT	EACH	1
REMOVE AND REINSTALL EXISTING CCTV CAMERA AND EQUIPMENT	L SUM	1
FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M.F.O.	FOOT	2880
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	2,880

GENERAL NOTES:

1. THIS PROJECT INCLUDES THE REPLACEMENT OF FIBER OPTIC CABLE AND HANDHOLES THAT WILL BE IMPACTED BY THE RECONSTRUCTED INTERCHANGE OF IL RTE 111 AND I-270. THE EXISTING FIBER SHOULD HAVE SUFFICIENT SLACK TO BE RELOCATED TEMPORARILY ON WOOD POLES TO MAINTAIN THE SYSTEM DURING CONSTRUCTION. NEW FIBER OPTIC CABLE AND HANDHOLES SHALL BE INSTALLED AS INDICATED IN THE PLANS PRIOR TO REMOVAL OF THE EXISTING FIBER OPTIC CABLE.
2. THE EXISTING ITS FIBER OPTIC CABLE SYSTEM OWNED AND MAINTAINED BY THE STATE OF ILLINOIS PARTIAL MAINTENANCE OF THE SYSTEM SHALL BE TRANSFERRED TO THE CONTRACTOR PRIOR TO THE START OF ANY CONSTRUCTION WORK.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING AND PROPOSED ITS FIBER OPTIC CABLE EQUIPMENT IMPACTED BY THE WORK. THE COST IS INCLUDED IN MAINTAINING ITS DURING CONSTRUCTION PAY ITEM
4. THE QUANTITIES OF RACEWAY WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
5. ILLINOIS LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN BEFORE ANY DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123) OR FOR NON -MEMBERS, THE UTILITY COMPANY DIRECTLY.
6. ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATION FOR CONTROL OF MATERIALS.
7. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM FIELD MEASUREMENTS TO VERIFY LOCATIONS AND DIMENSIONS OF EXISTING EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.
8. THE CONTRACTOR SHALL TAKE CARE TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, PAVEMENT AND TREES INCLUDING THEIR ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AT NO ADDITIONAL COST AND THE REPAIRS SHALL BE TO THE SATISFACTION OF THE ENGINEER.
9. BENDING RADIUS OF FIBER OPTIC CABLE SHALL BE LESS THAN SIX (6) INCHES.
10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE ALL ELECTRICAL CONSTRUCTION WORK.
11. ALL ELECTRICAL CONSTRUCTION WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), LIFE SAFETY CODE (NFPA) 101, OSHA AND 1LUNOIS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATION REQUIREMENTS.
12. ALL FIBER OPTIC CONDUITS SHALL BE PLACED AT A MINIMUM OF 5 FT. FROM EDGE OF PAVEMENT AS INDICATED ON THE PLAN SHEETS OR PER FIELD ENGINEERS RECOMMENDATION.
13. FIBER OPTIC CABLE PULL TENSION SHALL BE LIMITED BY PROVIDING HANDHOLES AT INTERVALS NO GREATER THAN 750 FEET.
14. A BLACK INSULATED COPPER TRACER NO. 14 SHALL BE INSTALLED WITH THE FIBER OPTIC CABLE.

LEGEND

- EXISTING ITS CABINET TO REMAIN
- EXISTING HANDHOLE TO REMAIN
- EXISTING HANDHOLE TO BE REMOVED
- PROPOSED HANDHOLE
- FIBER OPTIC CABLE
- CONDUIT PUSHED, 4" DIA. PVC SCHEDULE 40
- TEMPORARY WOOD POLE, 50 FT. CLASS 4
- CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE WITH RELOCATED CCTV CAMERA

ITS-01

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USER: J. B. JAMES
PROJECT: ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAWING: 60-3K-1
DATE: 5/23/2024



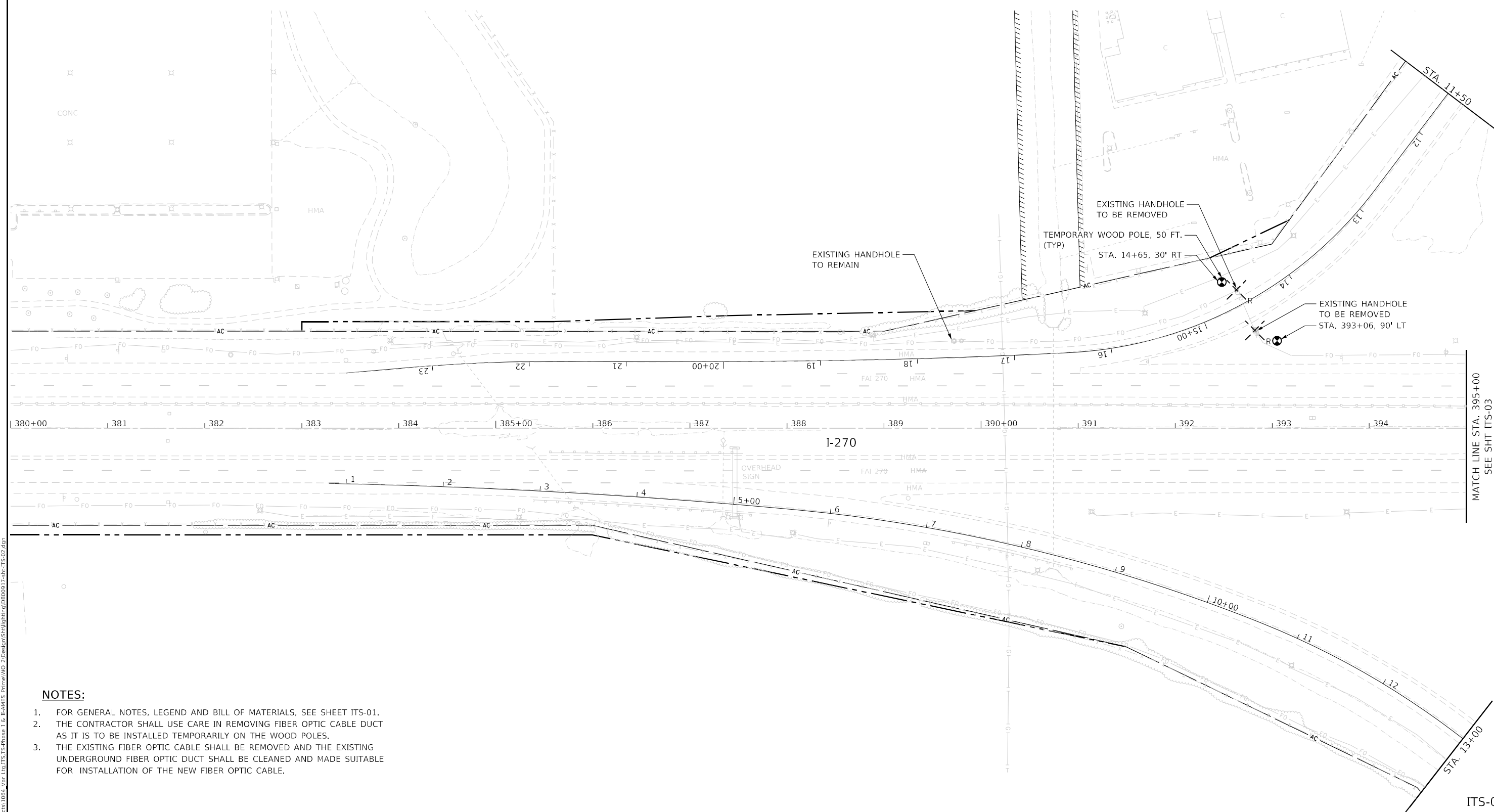
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PLOT DATE = 5/23/2024		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, BILL OF MATERIALS AND LEGEND
IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	363
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
2. THE CONTRACTOR SHALL USE CARE IN REMOVING FIBER OPTIC CABLE DUCT AS IT IS TO BE INSTALLED TEMPORARILY ON THE WOOD POLES.
3. THE EXISTING FIBER OPTIC CABLE SHALL BE REMOVED AND THE EXISTING UNDERGROUND FIBER OPTIC DUCT SHALL BE CLEANED AND MADE SUITABLE FOR INSTALLATION OF THE NEW FIBER OPTIC CABLE.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

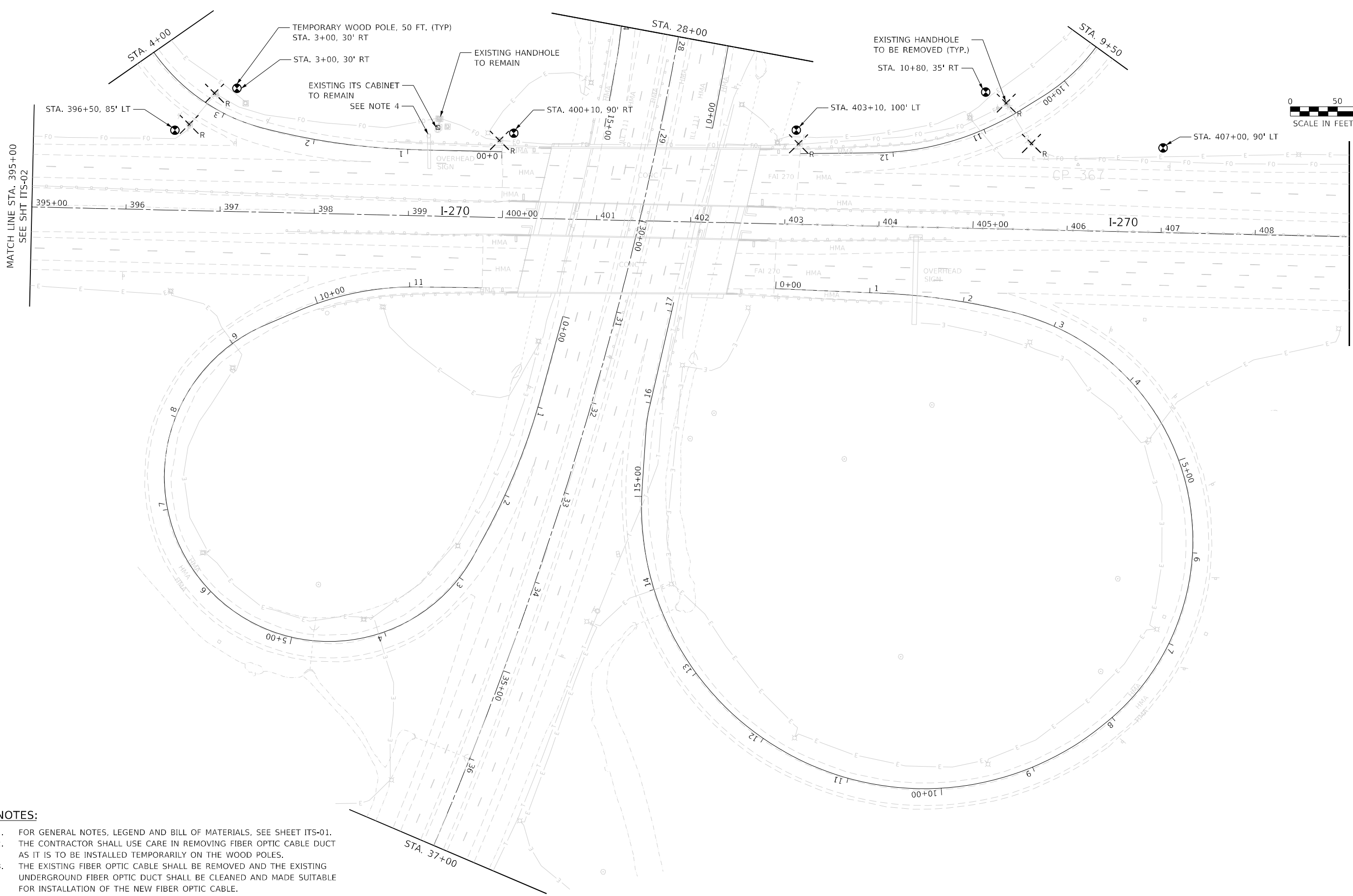
**ITS REMOVAL PLAN
 IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 364
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 395+00
SEE SHT ITS-03

ITS-02



NOTES:

1. FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
2. THE CONTRACTOR SHALL USE CARE IN REMOVING FIBER OPTIC CABLE DUCT AS IT IS TO BE INSTALLED TEMPORARILY ON THE WOOD POLES.
3. THE EXISTING FIBER OPTIC CABLE SHALL BE REMOVED AND THE EXISTING UNDERGROUND FIBER OPTIC DUCT SHALL BE CLEANED AND MADE SUITABLE FOR INSTALLATION OF THE NEW FIBER OPTIC CABLE.
4. THE EXISTING CCTV CAMERA AND EQUIPMENT SHALL BE REMOVED FROM THE EXISTING SIGN STRUCTURE AND SHALL BE REINSTALLED ON A NEW CCTV CAMERA STRUCTURE AS SHOWN ON SHEET ITS-06.

ITS-03

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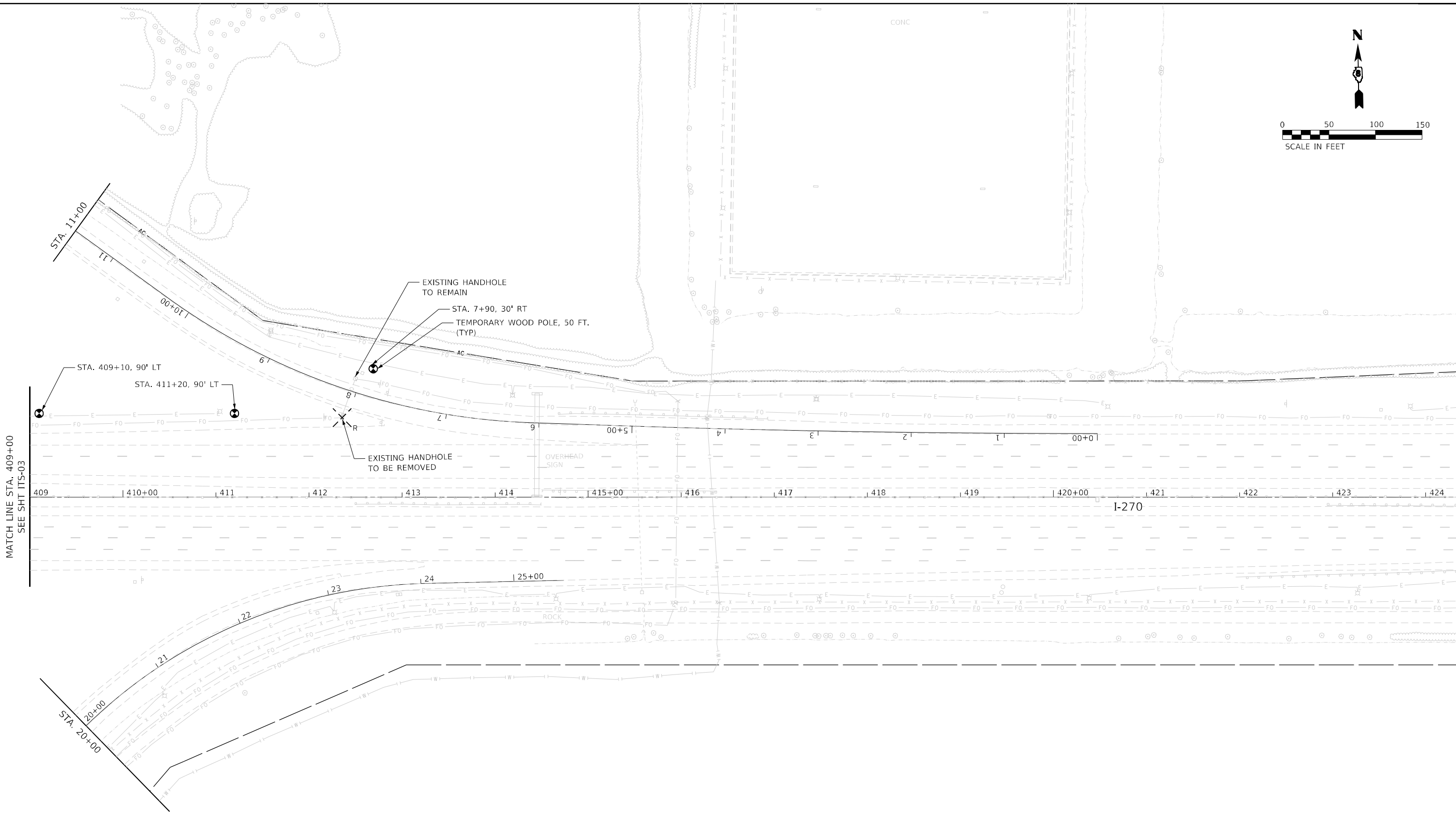
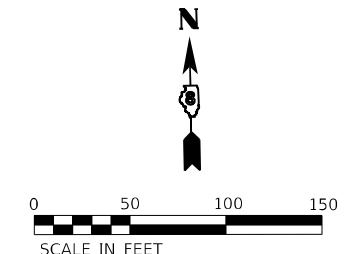
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	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS REMOVAL PLAN	
IL RTE 111 AND I-270	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	365
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 409+00
SEE SHT ITS-03

NOTES:

1. FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
2. THE CONTRACTOR SHALL USE CARE IN REMOVING FIBER OPTIC CABLE DUCT AS IT IS TO BE INSTALLED TEMPORARILY ON THE WOOD POLES.
3. THE EXISTING FIBER OPTIC CABLE SHALL BE REMOVED AND THE EXISTING UNDERGROUND FIBER OPTIC DUCT SHALL BE CLEANED AND MADE SUITABLE FOR INSTALLATION OF THE NEW FIBER OPTIC CABLE.

ITS-04

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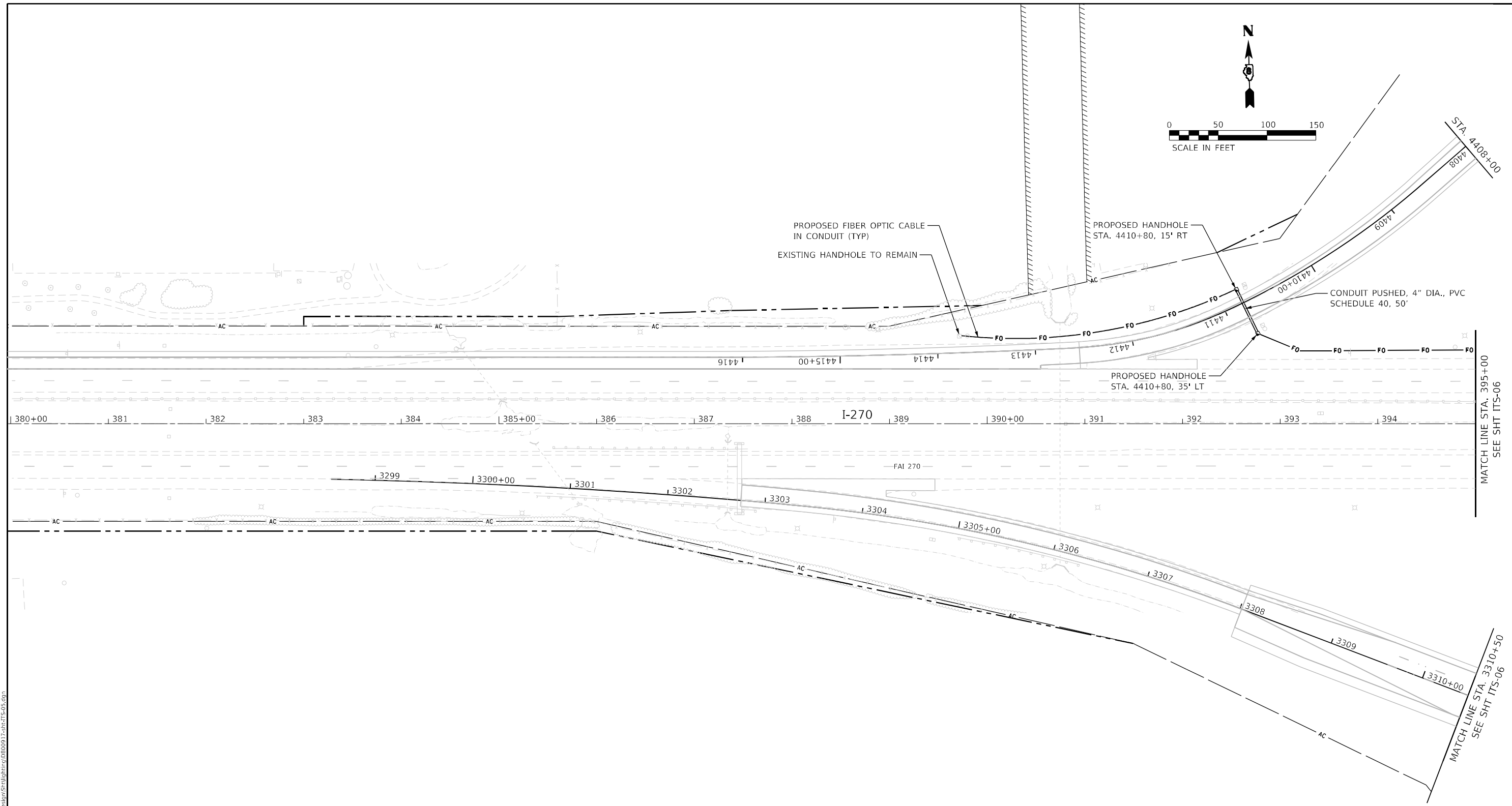
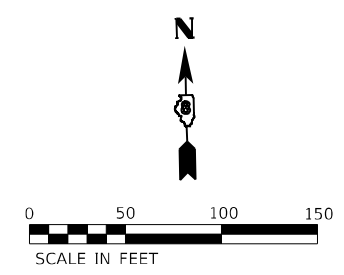
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Downers Grove, IL 60515

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PLOT DATE = 3/20/2024	CHECKED - MH	REVISED -
	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS REMOVAL PLAN	
IL RTE 111 AND I-270	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	366
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
2. THE CONTRACTOR SHALL TAKE CARE IN INSTALLING PROPOSED FIBER OPTIC CABLE IN THE EXISTING UNDERGROUND CONDUIT. WHERE THE PROPOSED FIBER OPTIC CABLE IS ROUTED DIFFERENTLY THAN THE ORIGINAL FIBER DUE TO REMOVAL OF THE LOOP RAMPS, NEW UNDERGROUND CONDUIT SHALL BE INSTALLED AND INCLUDED IN THE COST OF THE INSTALLATION OF THE FIBER OPTIC CABLE.

ITS-05

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 PLOT DATE: 3/20/2024

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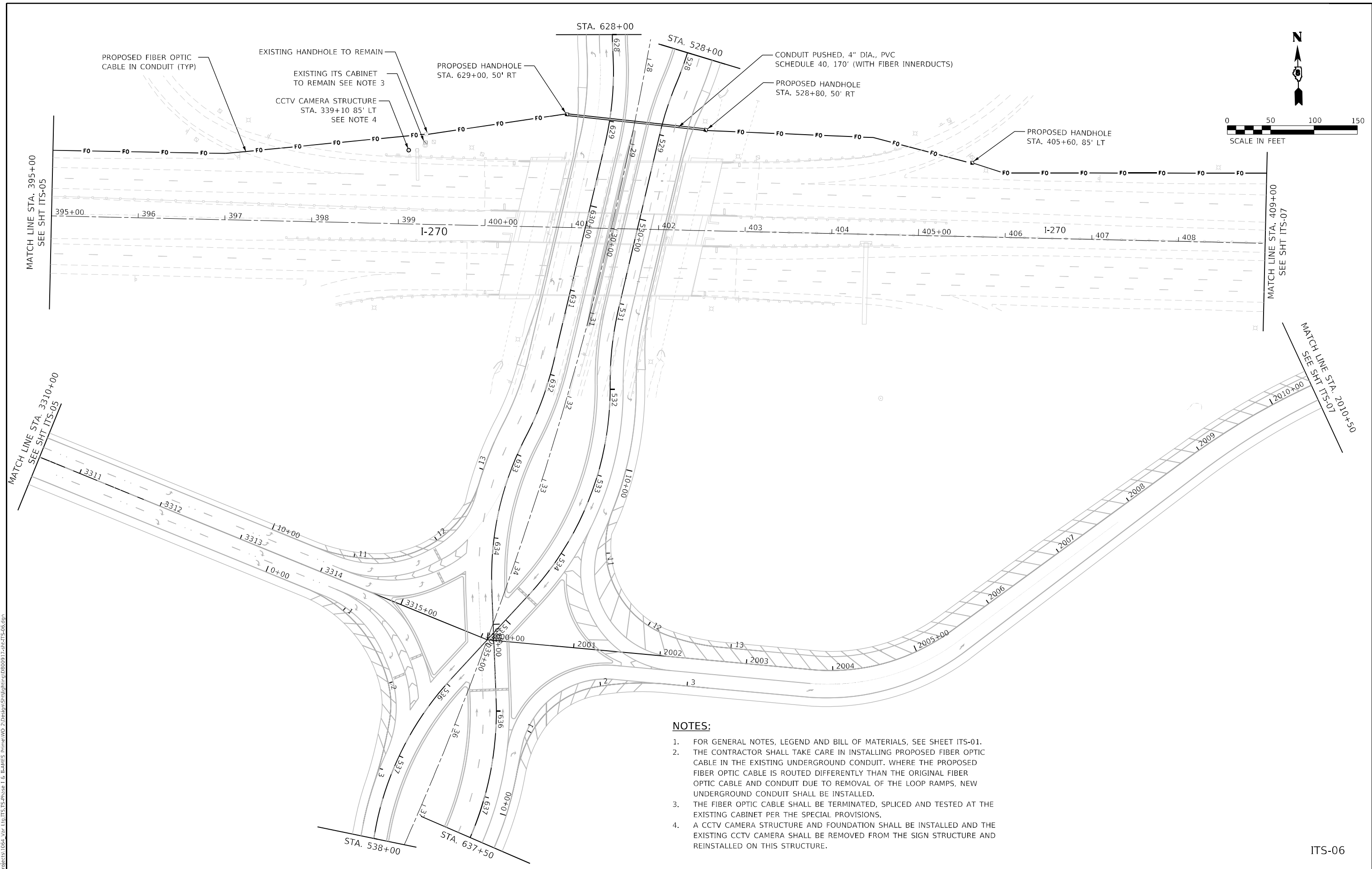
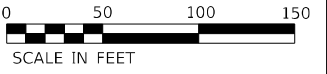
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	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ITS PLAN
IL RTE 111 AND I-270

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

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	367
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



NOTES:

- FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
- THE CONTRACTOR SHALL TAKE CARE IN INSTALLING PROPOSED FIBER OPTIC CABLE IN THE EXISTING UNDERGROUND CONDUIT. WHERE THE PROPOSED FIBER OPTIC CABLE IS ROUTED DIFFERENTLY THAN THE ORIGINAL FIBER OPTIC CABLE AND CONDUIT DUE TO REMOVAL OF THE LOOP RAMPS, NEW UNDERGROUND CONDUIT SHALL BE INSTALLED.
- THE FIBER OPTIC CABLE SHALL BE TERMINATED, SPLICED AND TESTED AT THE EXISTING CABINET PER THE SPECIAL PROVISIONS.
- A CCTV CAMERA STRUCTURE AND FOUNDATION SHALL BE INSTALLED AND THE EXISTING CCTV CAMERA SHALL BE REMOVED FROM THE SIGN STRUCTURE AND REINSTALLED ON THIS STRUCTURE.

ITS-06

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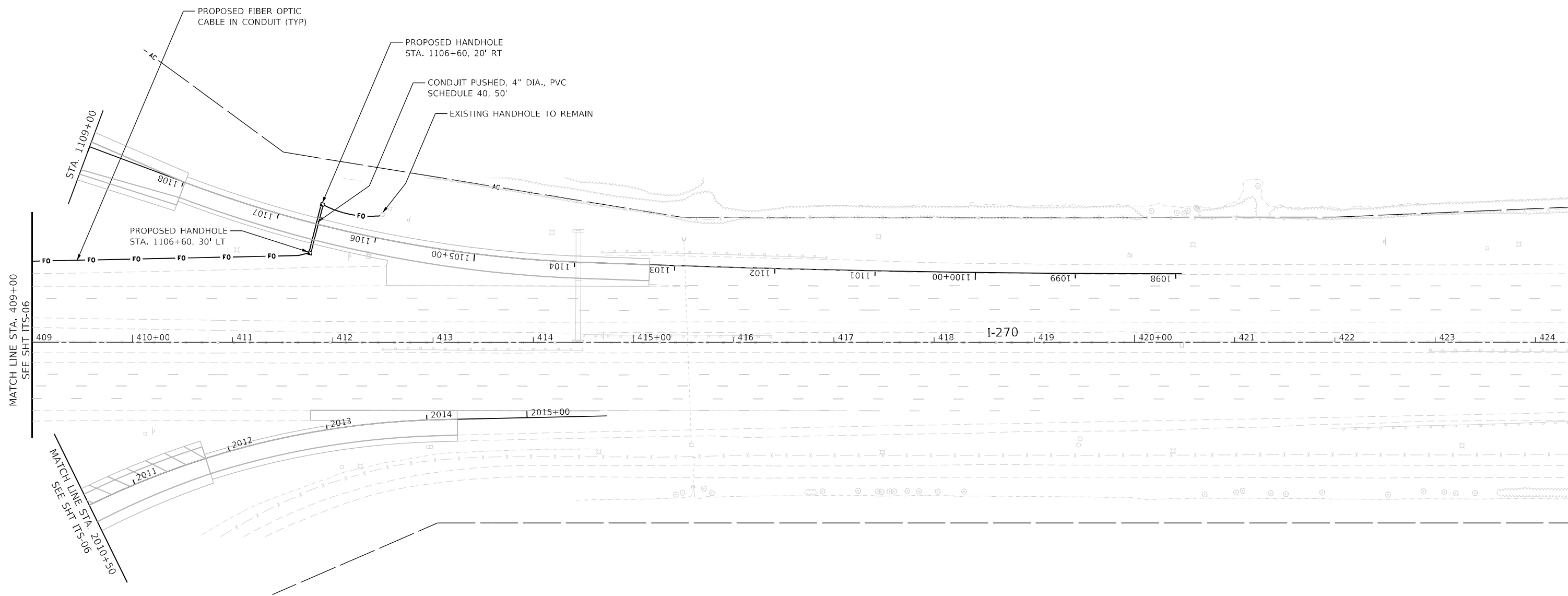
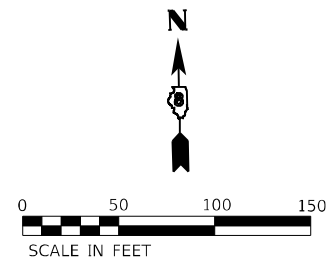
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	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN
IL RTE 111 AND I-270**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	368
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 409+00
SEE SHT ITS-06

MATCH LINE STA. 2010+50
SEE SHT ITS-06

NOTES:

1. FOR GENERAL NOTES, LEGEND AND BILL OF MATERIALS, SEE SHEET ITS-01.
2. THE CONTRACTOR SHALL TAKE CARE IN INSTALLING PROPOSED FIBER OPTIC CABLE IN THE EXISTING UNDERGROUND CONDUIT. WHERE THE PROPOSED FIBER OPTIC CABLE IS ROUTED DIFFERENTLY THAN THE ORIGINAL FIBER OPTIC CABLE AND CONDUIT DUE TO REMOVAL OF THE LOOP RAMPS, NEW UNDERGROUND CONDUIT SHALL BE INSTALLED AND INCLUDED IN THE COST OF THE INSTALLATION OF THE FIBER OPTIC CABLE.

ITS-07

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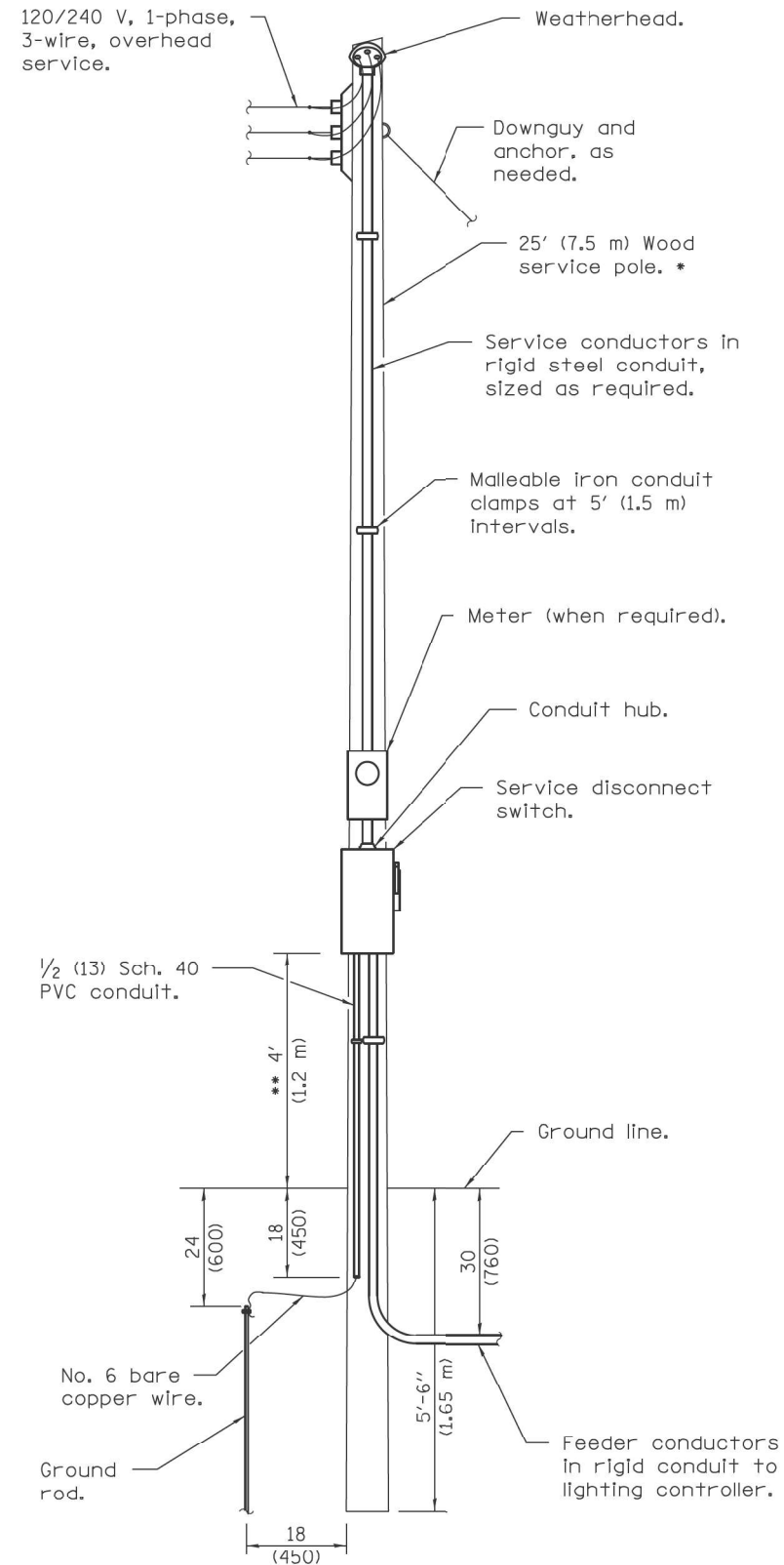
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	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ITS PLAN
IL RTE 111 AND I-270**

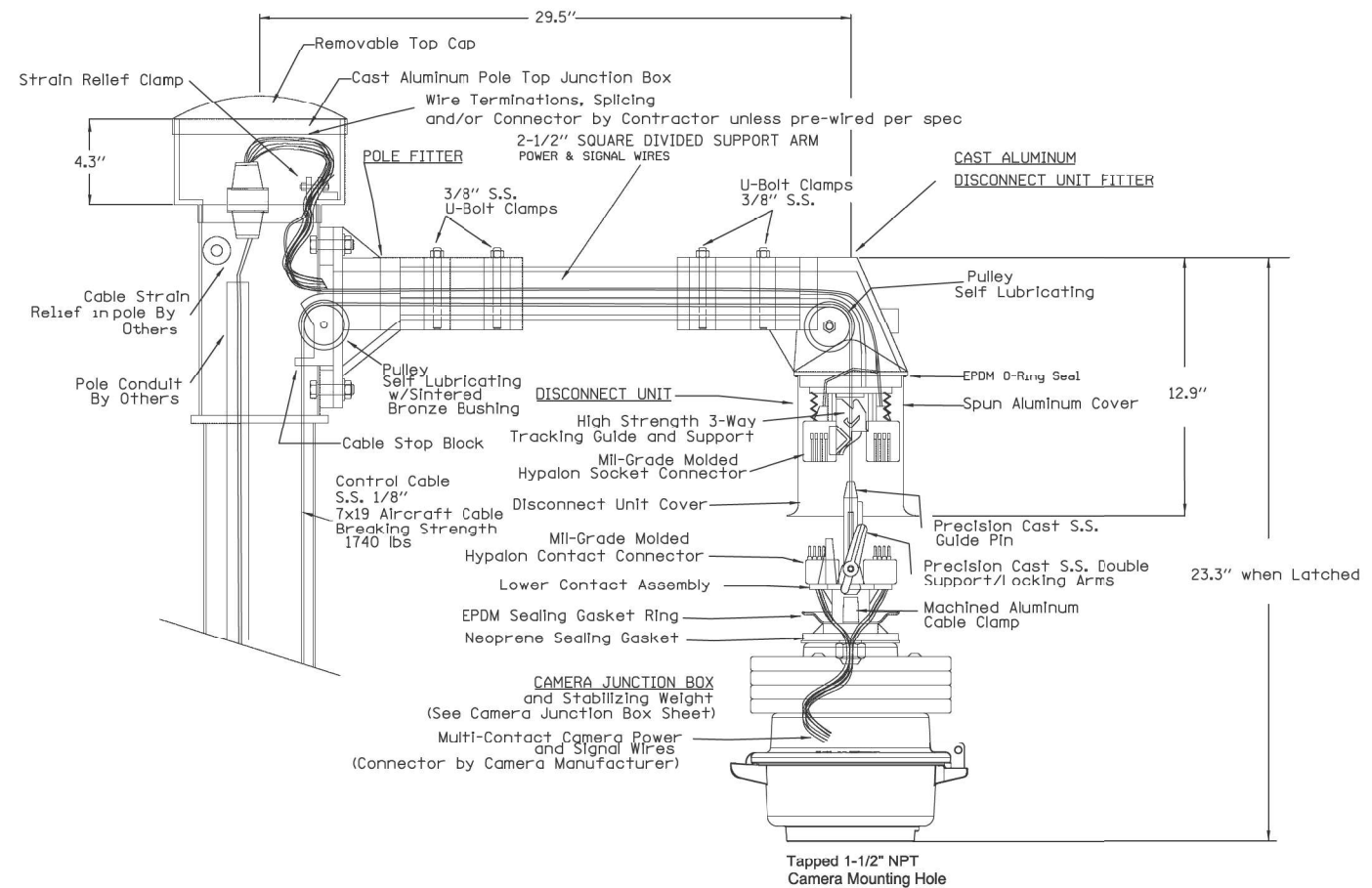
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	369
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



SERVICE INSTALLATION TYPE A

* Size larger as needed.
 ** Or as directed by Utility Company.



Camera Lowering Device for Pole Mounting Multi-Function Surveillance Cameras

MODEL: Default; FILE NAME: E:\Projects\1064_Ver_Lit\ITS\Phase 1 & 1\AMES_PlanView_2\Design\Sheet\p1064_0017_sch1TS-08.dgn

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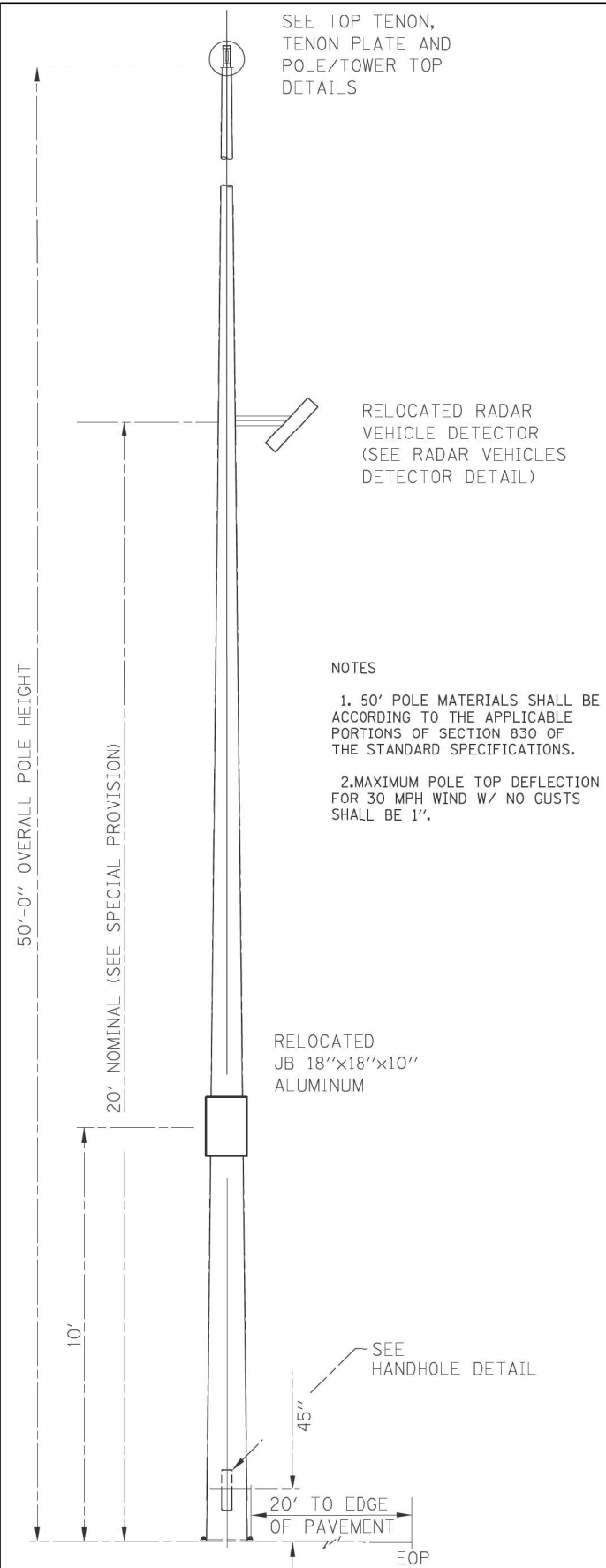
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	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SERVICE INSTALLATION AND POLE MOUNTED
 CAMERA LOWERING DEVICE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

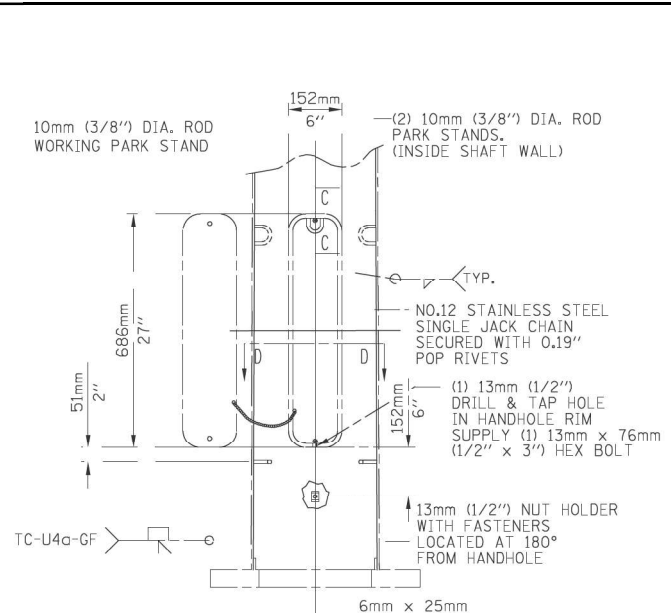
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	370
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



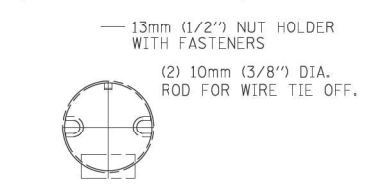
NOTES

1. 50' POLE MATERIALS SHALL BE ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 830 OF THE STANDARD SPECIFICATIONS.

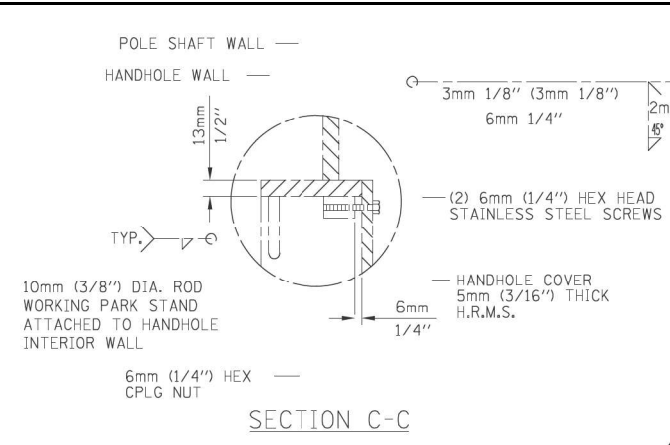
2. MAXIMUM POLE TOP DEFLECTION FOR 30 MPH WIND W/ NO GUSTS SHALL BE 1".



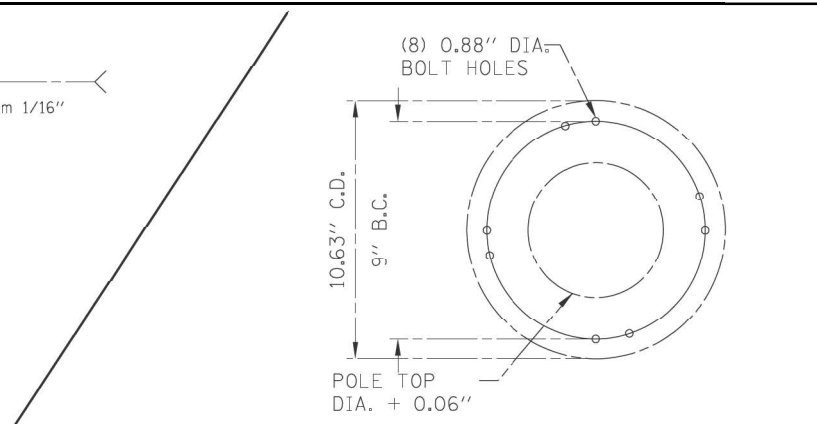
DETAIL A 6x27 HANDHOLE



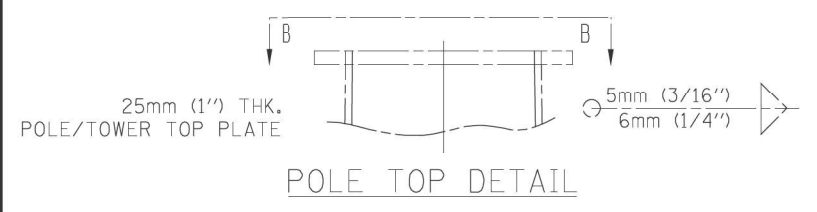
SECTION D-D



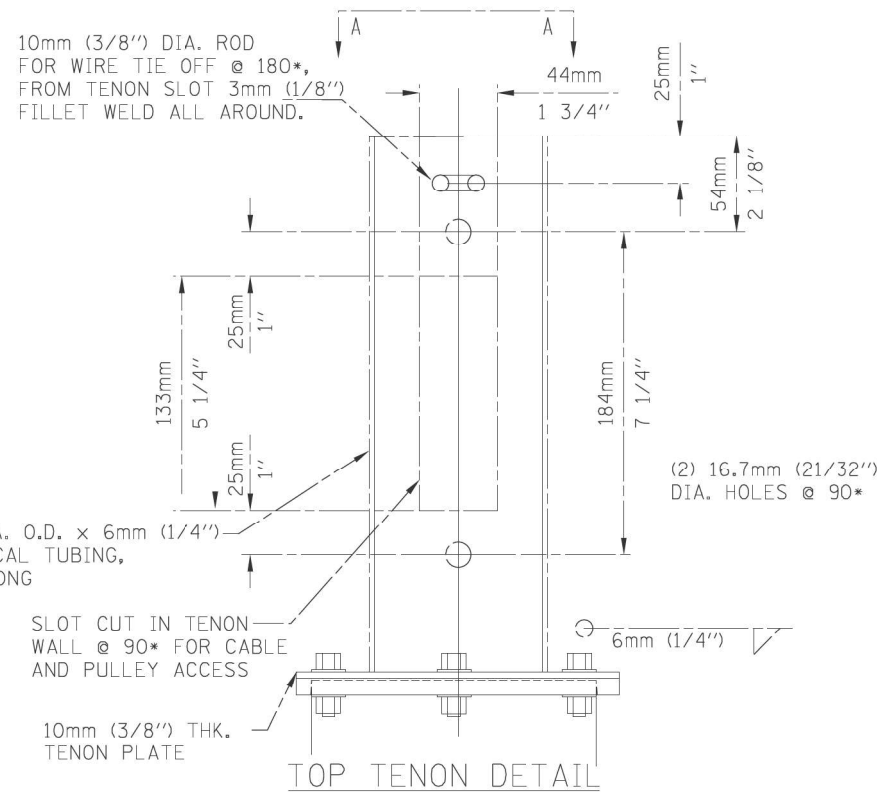
SECTION C-C



SECTION B-B 50'-0" POLE PLATE DETAIL



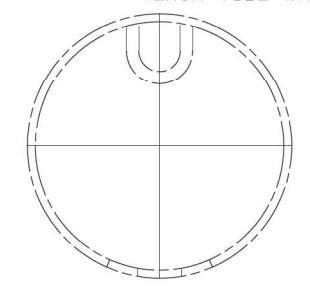
POLE TOP DETAIL



TOP TENON DETAIL

10mm (3/8") DIA. ROD FOR WIRE TIE OFF @ 180°, FROM TENON SLOT 3mm (1/8") FILLET WELD ALL AROUND.

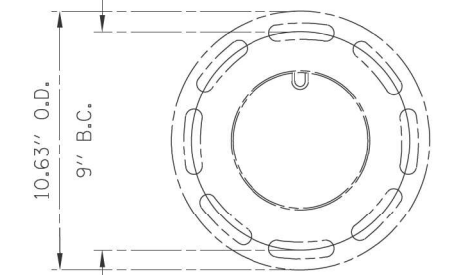
TENON TUBE WALL



SECTION A-A WIRE TIE OFF ORIENTATION DETAIL

(8) 0.81" x 2.57" SLOTS, FOR (4) 19mm x 70mm (3/4" x 2 3/4") HEX BOLTS W/ FLAT WASHER, LOCK WASHER, AND HEAVY HEX NUT FOR EACH TENON ASSEMBLY.

0.38" DIA. ROD FOR WIRE TIE OFF @ 180°, FROM TENON SLOT 3mm (1/8") FILLET WELD ALL AROUND.



TENON PLATE DETAIL 50'-0" POLE

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	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 111 AND I-270	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET N. 371
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

ITS-09
















BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	969
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	630
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"X6"X4"	EACH	16
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"X10"X6"	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"X18"X8"	EACH	2
UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	17849
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2750
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	300
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	69
LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION K	EACH	6
LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D	EACH	16
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	2
LIGHT POLE, ALUMINUM, 50 FT. M.H., 12 FT. DAVIT ARM	EACH	28
LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	41
LIGHT TOWER, 100 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 3	EACH	2
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	690
LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	37
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	69
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	85
REMOVAL OF LIGHTING CONTROLLER	EACH	2
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
TEMPORARY LIGHTING SYSTEM	L SUM	1

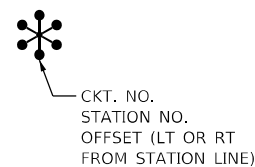
GENERAL NOTES:

1. THIS PROJECT INCLUDES THE INSTALLATION OF A NEW LIGHTING SYSTEM TO REPLACE THE EXISTING LIGHTING ALONG THE RECONSTRUCTED INTERCHANGE OF IL RTE 111 AND I-270. PROPOSED LIGHTING SHALL BE OWNED AND MAINTAINED BY THE STATE OF ILLINOIS.
2. THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY COMPANY TO COORDINATE THE ELECTRIC SERVICE WORK.
3. THE QUANTITIES OF RACEWAY WHERE INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
4. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
5. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING ANY CONSTRUCTION WORK.
6. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
7. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.
8. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.
9. THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES AND TREES ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AS DETERMINED BY THE ENGINEER.
10. THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING LIGHT POLE FOUNDATIONS TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES. WHEN CONFLICTS ARE ENCOUNTERED, THE CONTRACTOR SHALL REQUEST TO RELOCATE THE FOUNDATION. THE NEW LOCATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
11. GROUND RODS SHALL BE INSTALLED AT EACH LIGHTING UNIT.

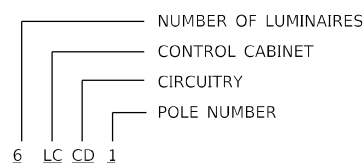
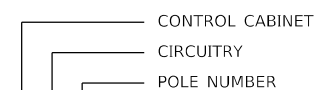
LEGEND

-  PROPOSED LIGHTING UNIT, 50 FT. MH, 15 FT. DAVIT ARM, UNLESS OTHERWISE INDICATED, (480V - PHASE TO PHASE) LED LUMINAIRE, OUTPUT DESIGNATION H WITH BREAKAWAY DEVICE
-  EXISTING LIGHTING UNIT TO BE REMOVED
-  UNIT DUCT, 600V, 2-1C #4, 1/C #6 GROUND, (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
-  ELECTRIC SERVICE 240/480V, 1 PHASE, 3 WIRE
-  PROPOSED LIGHTING CONTROLLER "LC" 480V, 1 PHASE, 3 WIRE 100 AMP, BASE MOUNTED
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED
-  PROPOSED HIGH MAST LIGHT TOWER, 100' MH, (480V - PHASE TO PHASE) LUMINAIRE, LED, HIGH MAST - OUTPUT DESIGNATION K HORIZONTAL MOUNT AND LIGHT TOWER SERVICE PAD, NUMBER OF LUMINAIRES AS SHOWN ON PLANS
-  UNDERGROUND CONDUIT GALVANIZED STEEL
-  ELECTRIC CABLE IN CONDUIT 4" DIA., 3-1/C NO. 1/0
-  GROUND ROD 5/8" X 10 FT.
-  EXISTING LIGHTING UNIT TO REMAIN AS TEMPORARY LIGHTING
-  TEMPORARY LIGHTING UNIT
-  AERIAL CABLE 3-1/C NO. 2 WITH MESSENGER WIRE
-  JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, (SIZE AS INDICATED ON UNDERPASS LIGHTING PLAN)
-  PROPOSED LED UNDERPASS LUMINAIRE. OUTPUT DESIGNATION D

CALL-OUT DESCRIPTIONS



CIRCUIT NUMBER EXAMPLE



LIST OF STATE STANDARDS

821006	UNDERPASS LIGHTING SUSPENDED
821101-02	LUMINAIRE WIRING IN POLE
825026-04	LIGHTING CONTRTOLLER BASE MOUNT 480V
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
830026-01	TEMPORARY ROADWAY LIGHTING
835001-01	LIGHT TOWER
836001-04	LIGHT POLE FOUNDATION
837001-05	LIGHT TOWER FOUNDATION
838001-01	BREAKAWAY DEVICES

**STATE OF ILLINOIS
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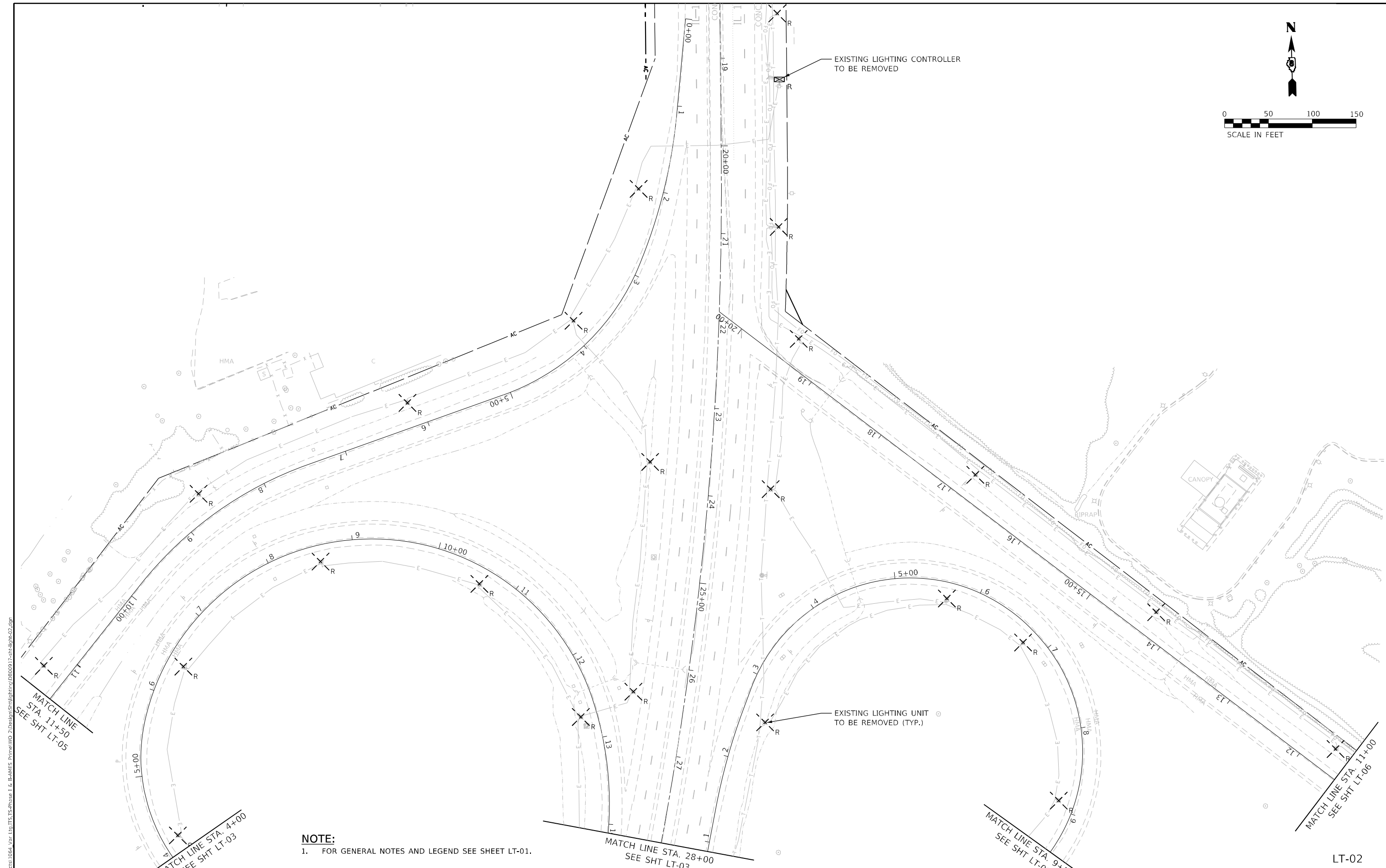
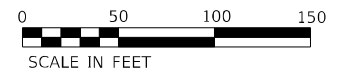
**GENERAL NOTES, BILL OF MATERIALS AND LEGEND
IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 372
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

LT-01

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	DRAWN - MD / SR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - BL	REVISED -
PLOT DATE = 3/20/2024	DATE - 02-07-22	REVISED -



NOTE:
 1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.

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 PROJECT: 11111111
 DATE: 3/20/2024

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdlctche
 PLOT SCALE = 100,0015' / in.
 PLOT DATE = 3/20/2024

DESIGNED - MH
 DRAWN - MD / SR
 CHECKED - BL
 DATE - 02-07-22

REVISED -
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 REVISED -

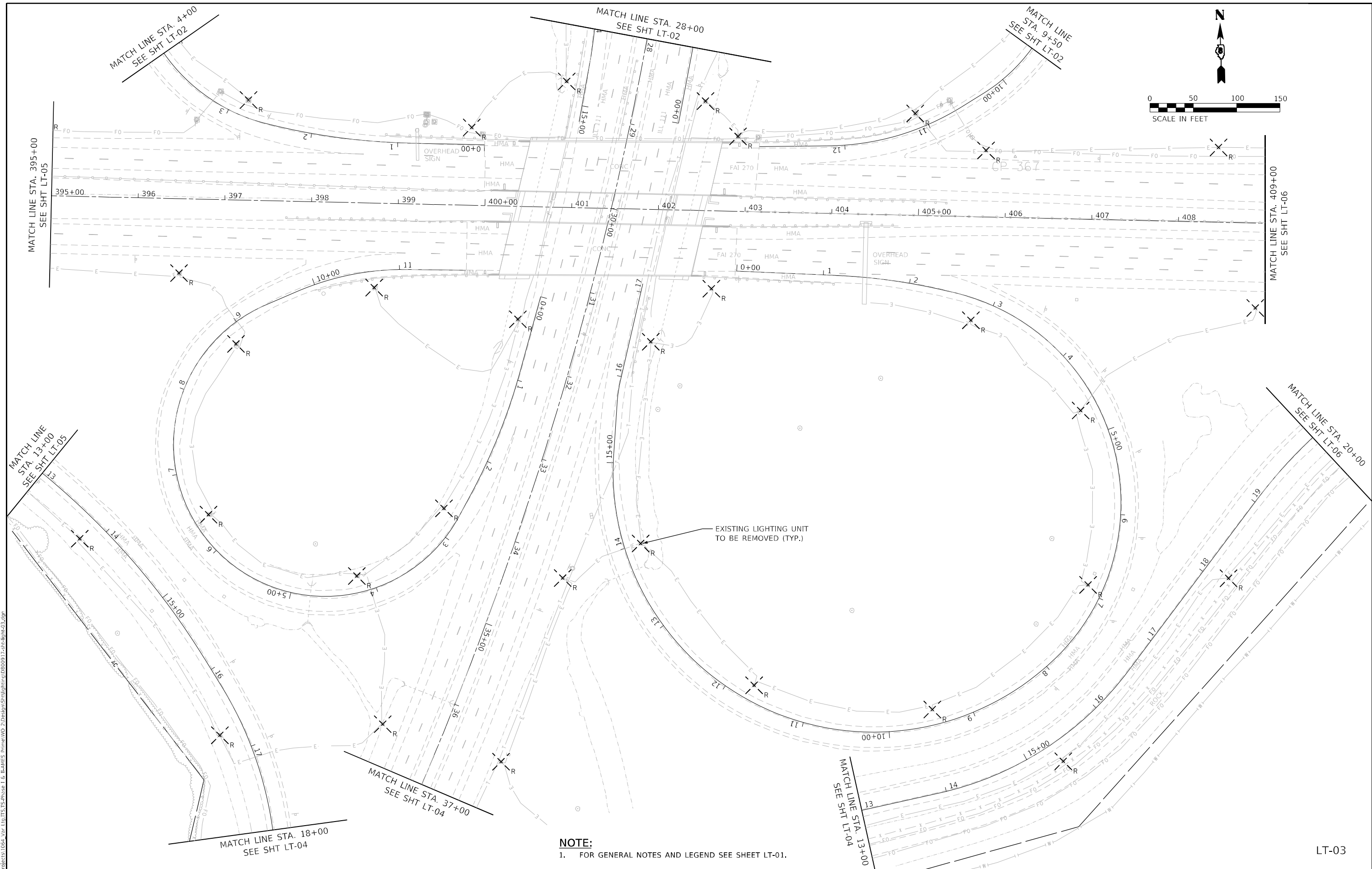
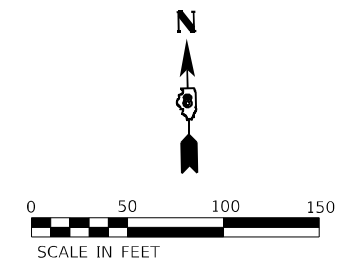
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL ROADWAY LIGHTING PLAN
 IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	373
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

LT-02



NOTE:
 1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.

LT-03

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 USER: JLD
 PLOT DATE: 3/20/2024

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 Downers Grove, IL 60515

USER NAME = mdlrtche
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/20/2024

DESIGNED - MH
 DRAWN - MD / SR
 CHECKED - BL
 DATE - 02-07-22

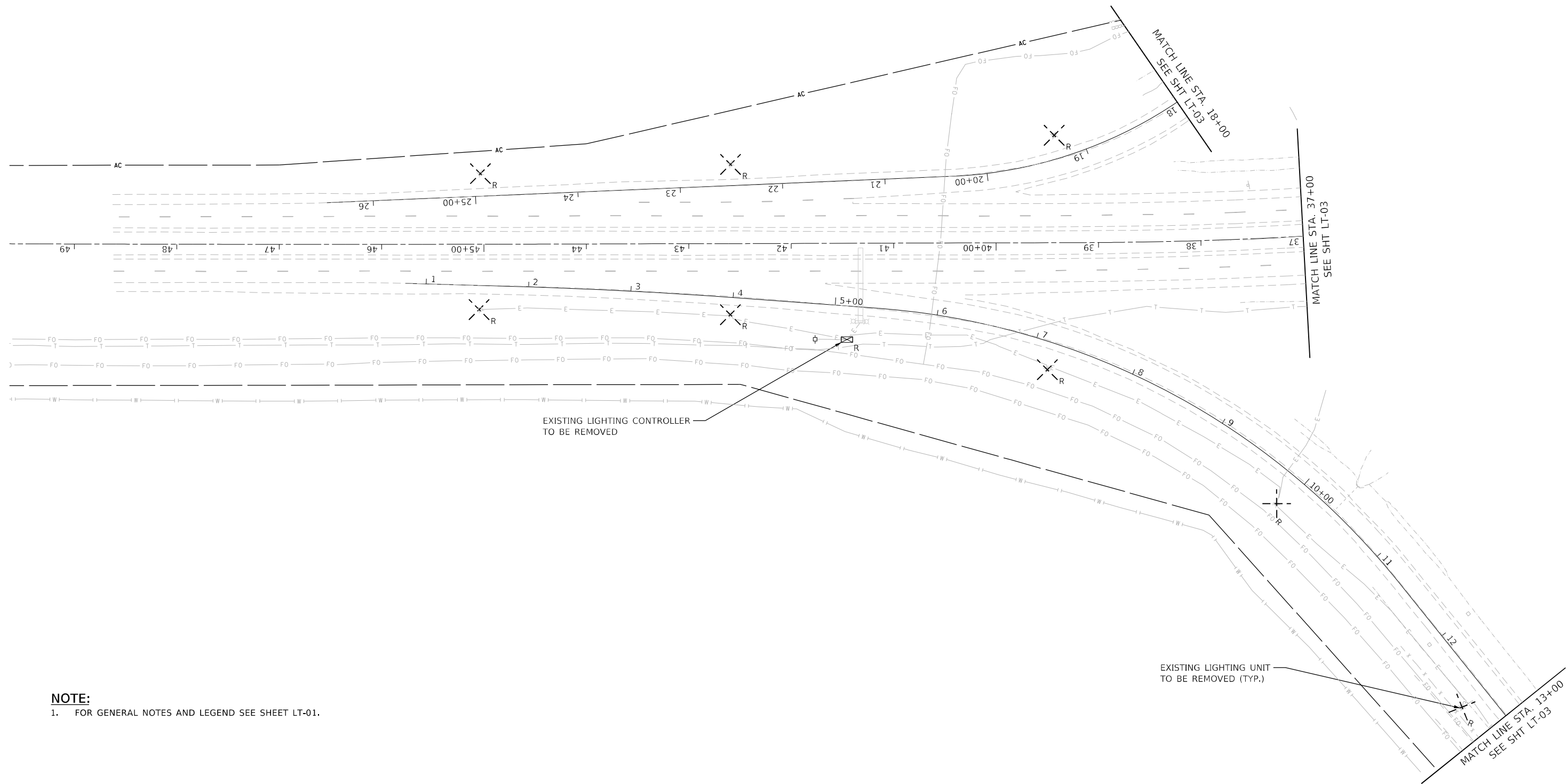
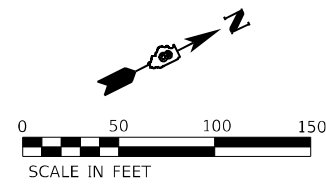
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL ROADWAY LIGHTING PLAN
 IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	374
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.

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USER NAME = mdlrtche
PLOT SCALE = 100,0000' / in.
PLOT DATE = 3/20/2024

DESIGNED - MH
DRAWN - MD / SR
CHECKED - BL
DATE - 02-07-22

REVISED -
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REVISED -
REVISED -

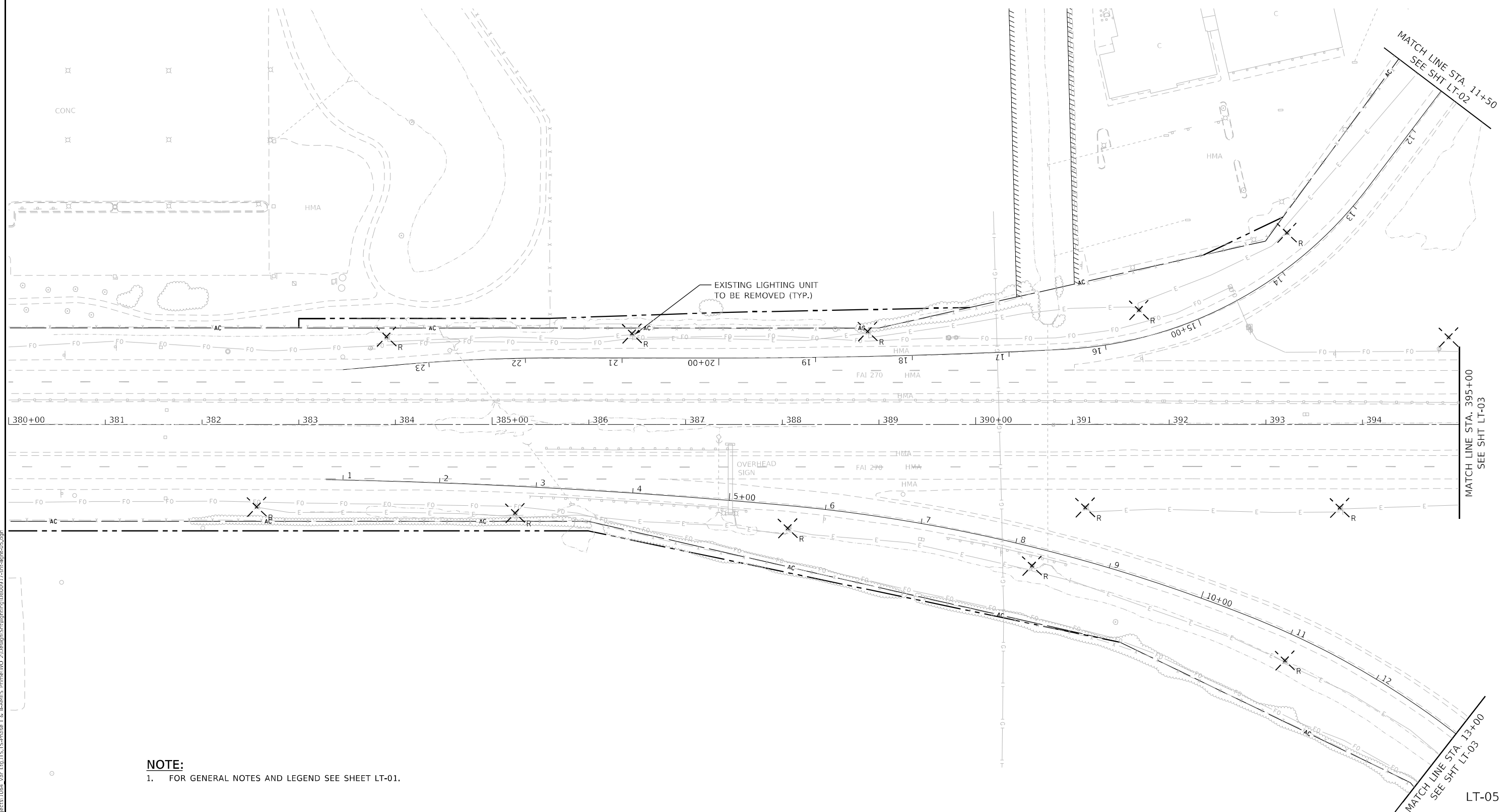
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL ROADWAY LIGHTING PLAN
IL RTE 111 AND I-270

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	375
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

LT-04



NOTE:
 1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.

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 PLOT DATE: 3/20/2024

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 6330 Belmont Road, Suite 4B
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USER NAME = mdeltiche	DESIGNED - MH	REVISED -
DRAWN - MD / SR	REVISOR -	REVISOR -
CHECKED - BL	REVISOR -	REVISOR -
DATE - 02-07-22	REVISOR -	REVISOR -

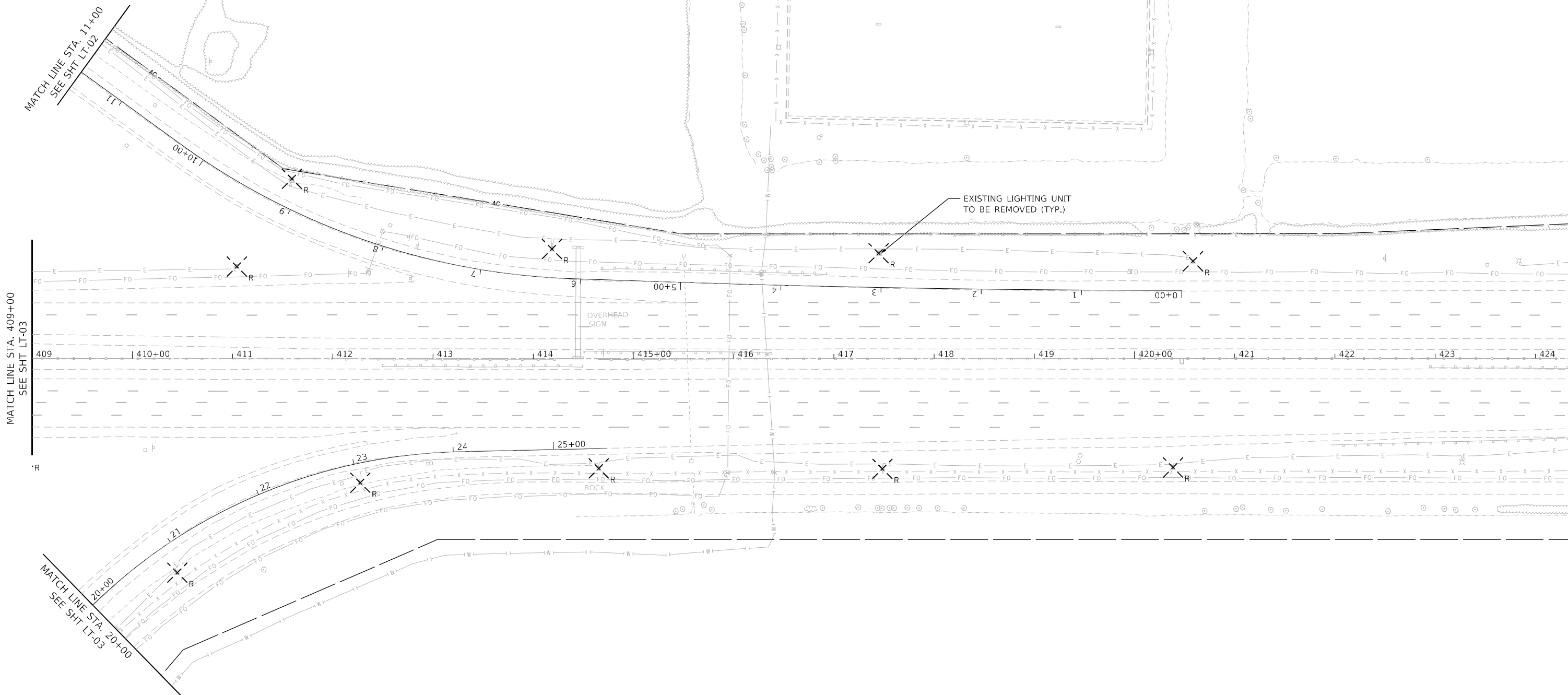
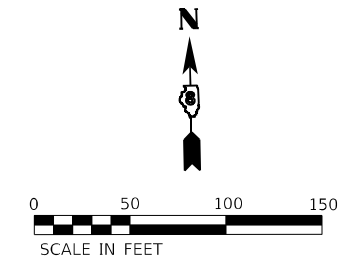
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL ROADWAY LIGHTING PLAN
 IL RTE 111 AND I-270**

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	376
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

LT-05



NOTE:
 1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.

MODEL: Defaul
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LT-06

AMES Engineering, Inc.
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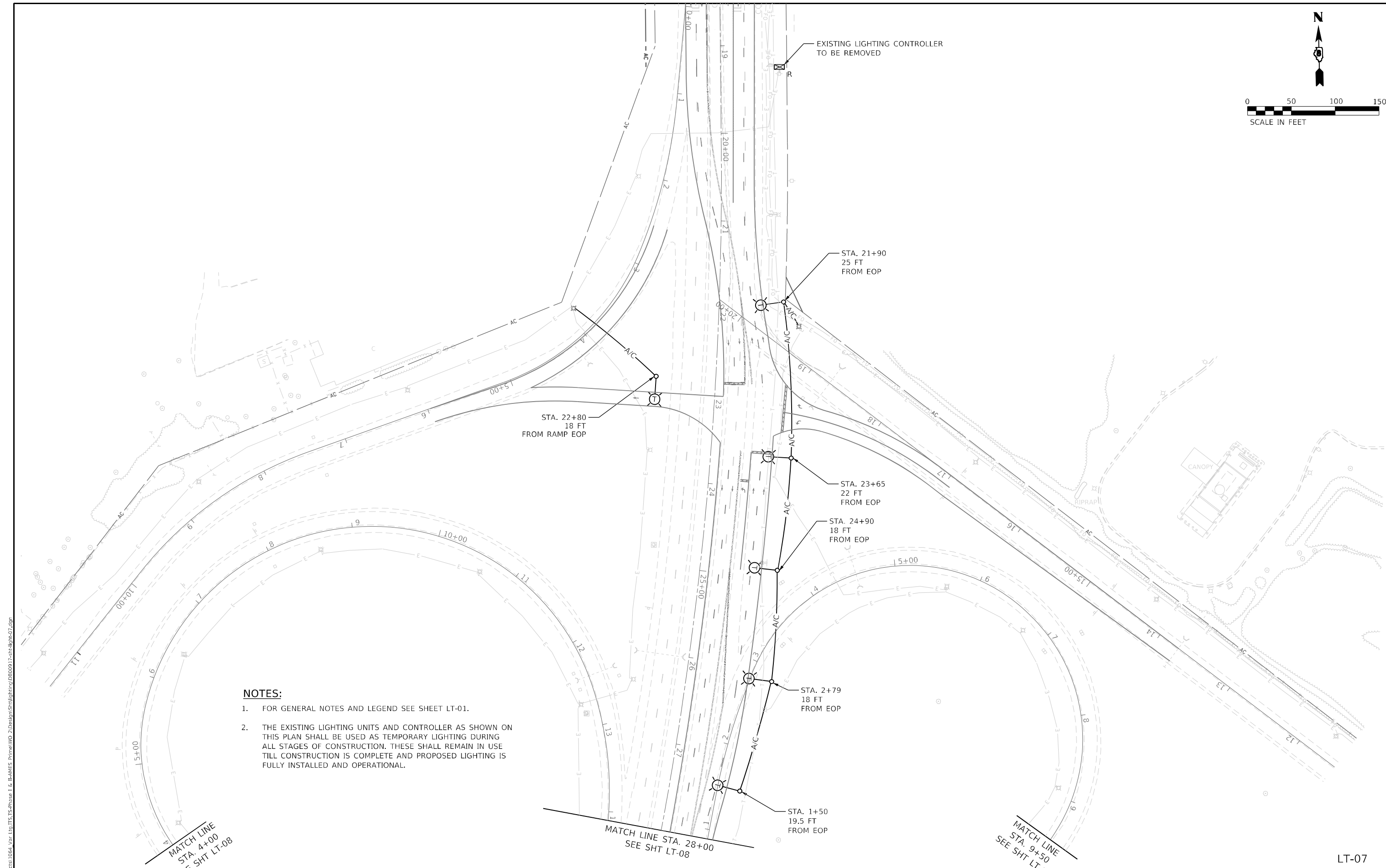
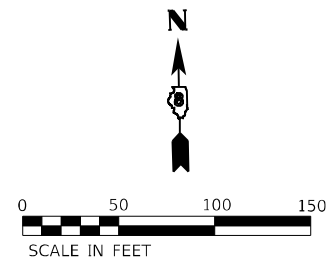
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DRAWN - MD / SR	REVISOR -	
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PLOT DATE = 3/20/2024	DATE - 02-07-22	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL ROADWAY LIGHTING PLAN
 IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	377
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
2. THE EXISTING LIGHTING UNITS AND CONTROLLER AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

MATCH LINE
STA. 4+00
SEE SHT LT-08

MATCH LINE STA. 28+00
SEE SHT LT-08

MATCH LINE
STA. 9+50
SEE SHT LT-08

LT-07

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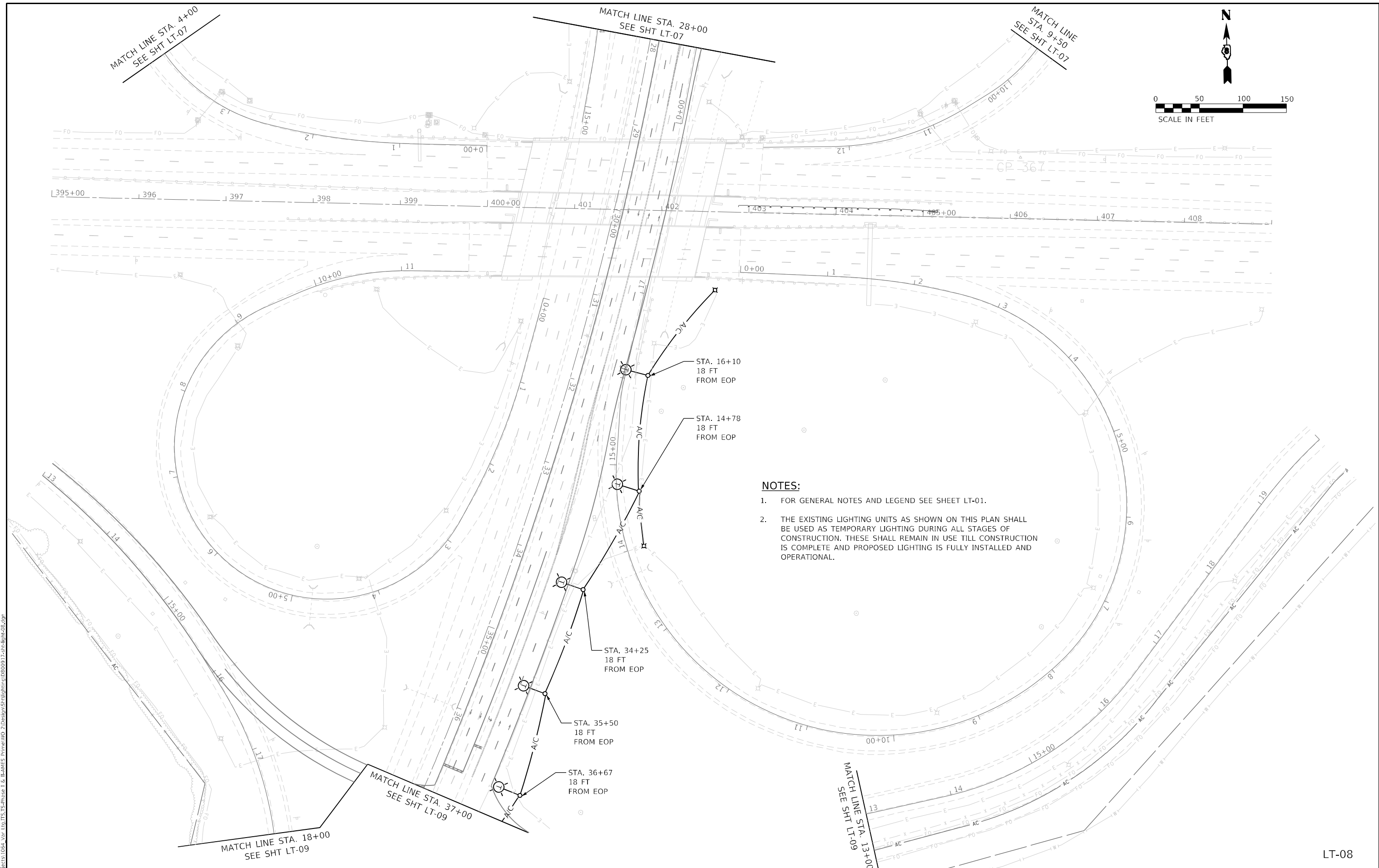
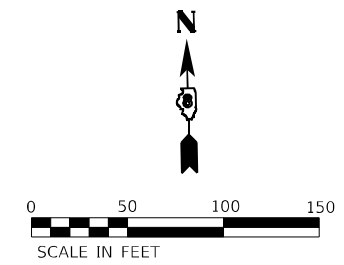
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	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY ROADWAY LIGHTING PLAN STAGE-1
 IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	378
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



- NOTES:**
- FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
 - THE EXISTING LIGHTING UNITS AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

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	DATE - 02-07-22	REVISED -

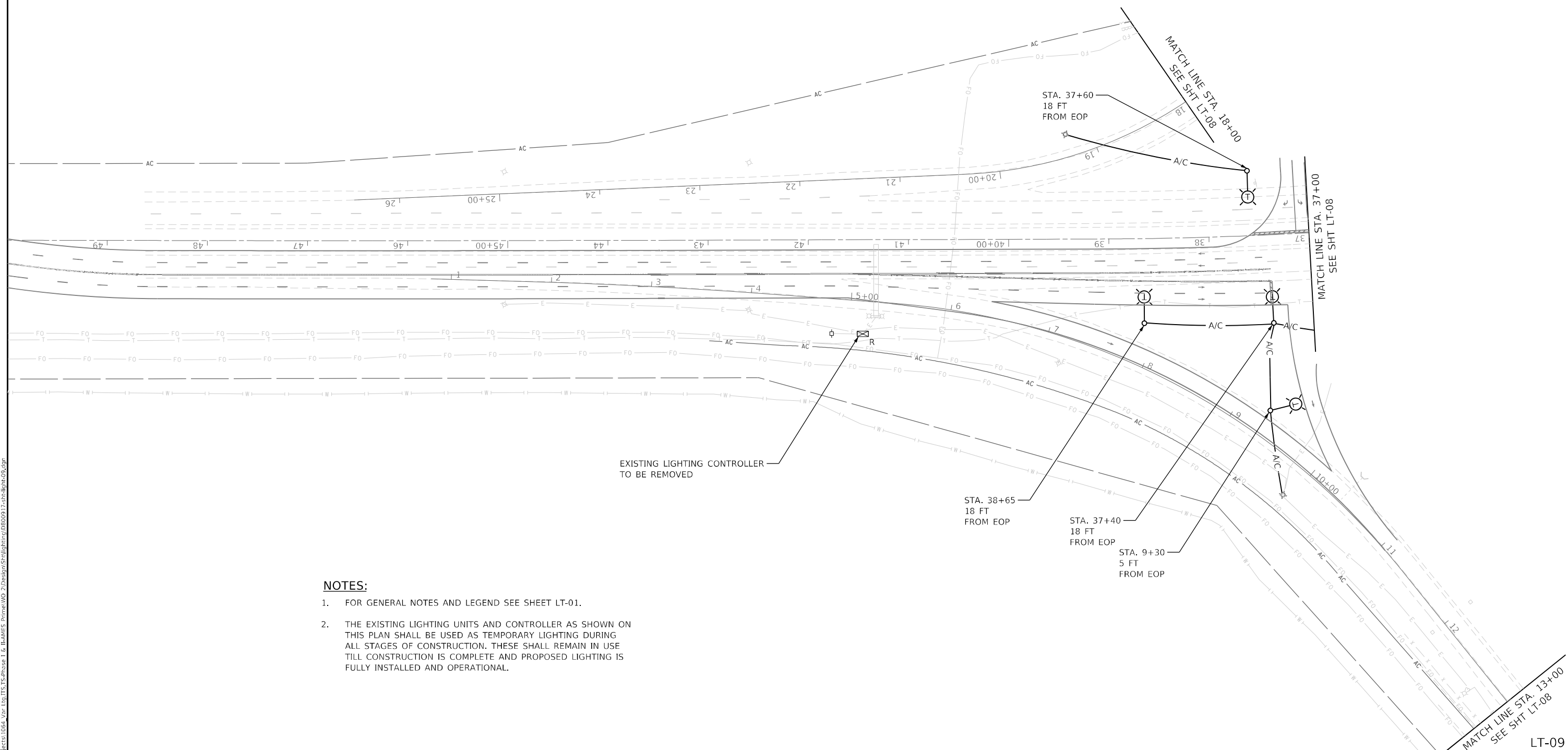
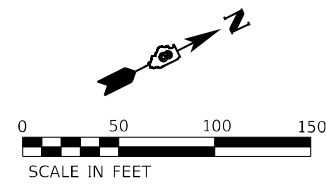
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN STAGE-1
IL. RTE 111 AND I-270

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	379
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

LT-08



EXISTING LIGHTING CONTROLLER
TO BE REMOVED

NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
2. THE EXISTING LIGHTING UNITS AND CONTROLLER AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

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 Downers Grove, IL 60515

USER NAME = mdlrtche	DESIGNED - MH	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MD / SR	REVISED -
PLOT DATE = 3/20/2024	CHECKED - BL	REVISED -
	DATE - 02-07-22	REVISED -

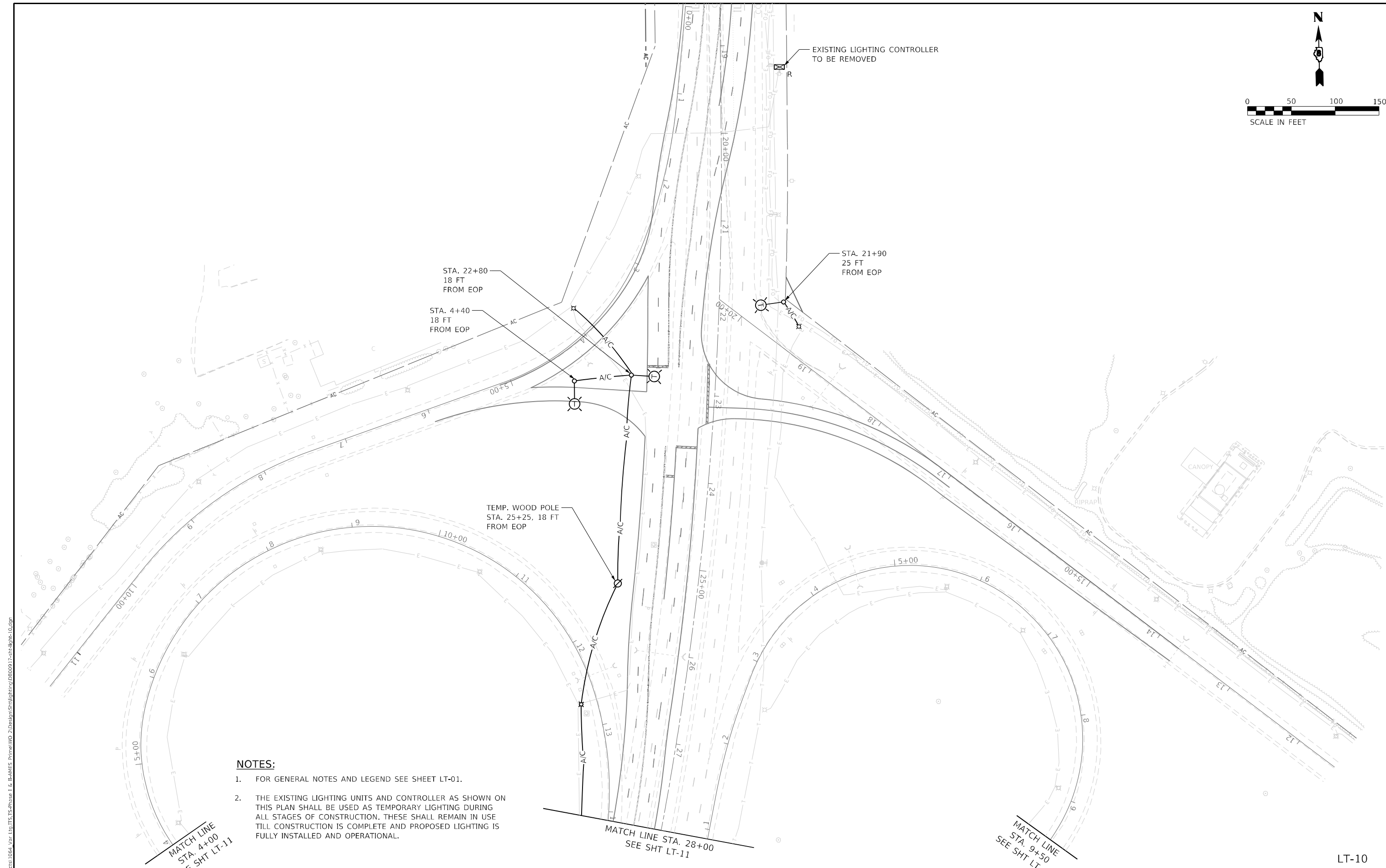
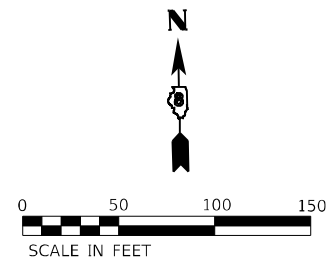
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN STAGE-1
IL. RTE 111 AND I-270

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	380
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

LT-09



NOTES:

- FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
- THE EXISTING LIGHTING UNITS AND CONTROLLER AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

MATCH LINE
STA. 4+00
SEE SHT LT-11

MATCH LINE STA. 28+00
SEE SHT LT-11

MATCH LINE
STA. 9+50
SEE SHT LT-11

LT-10

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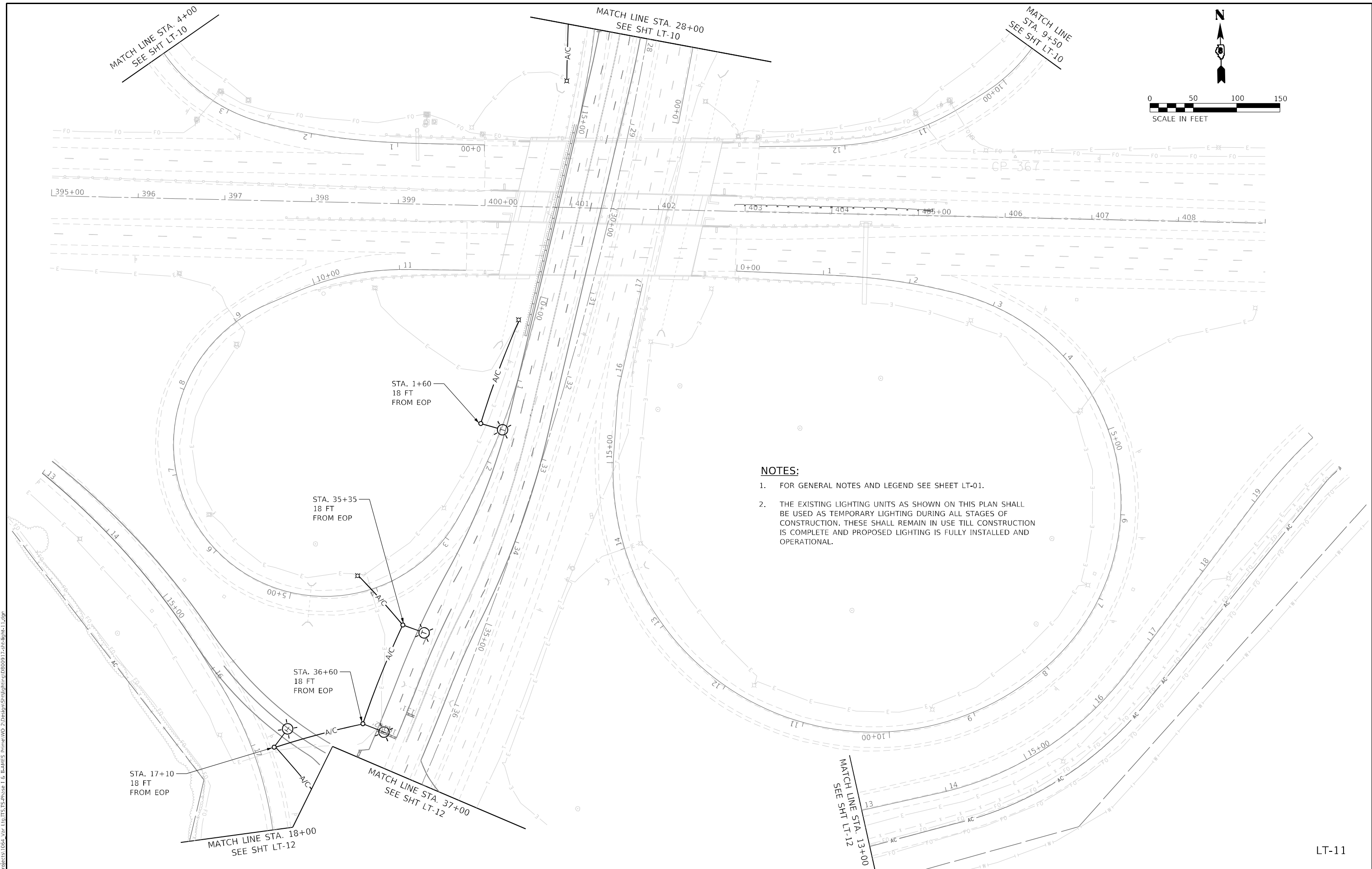
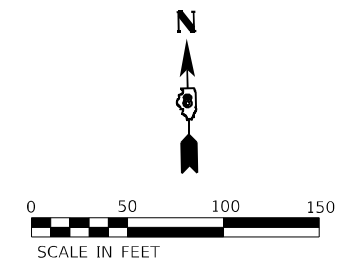
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	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN STAGE - 1A
IL. RTE 111 AND I-270

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	381
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
 2. THE EXISTING LIGHTING UNITS AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

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	DATE - 02-07-22	REVISED -

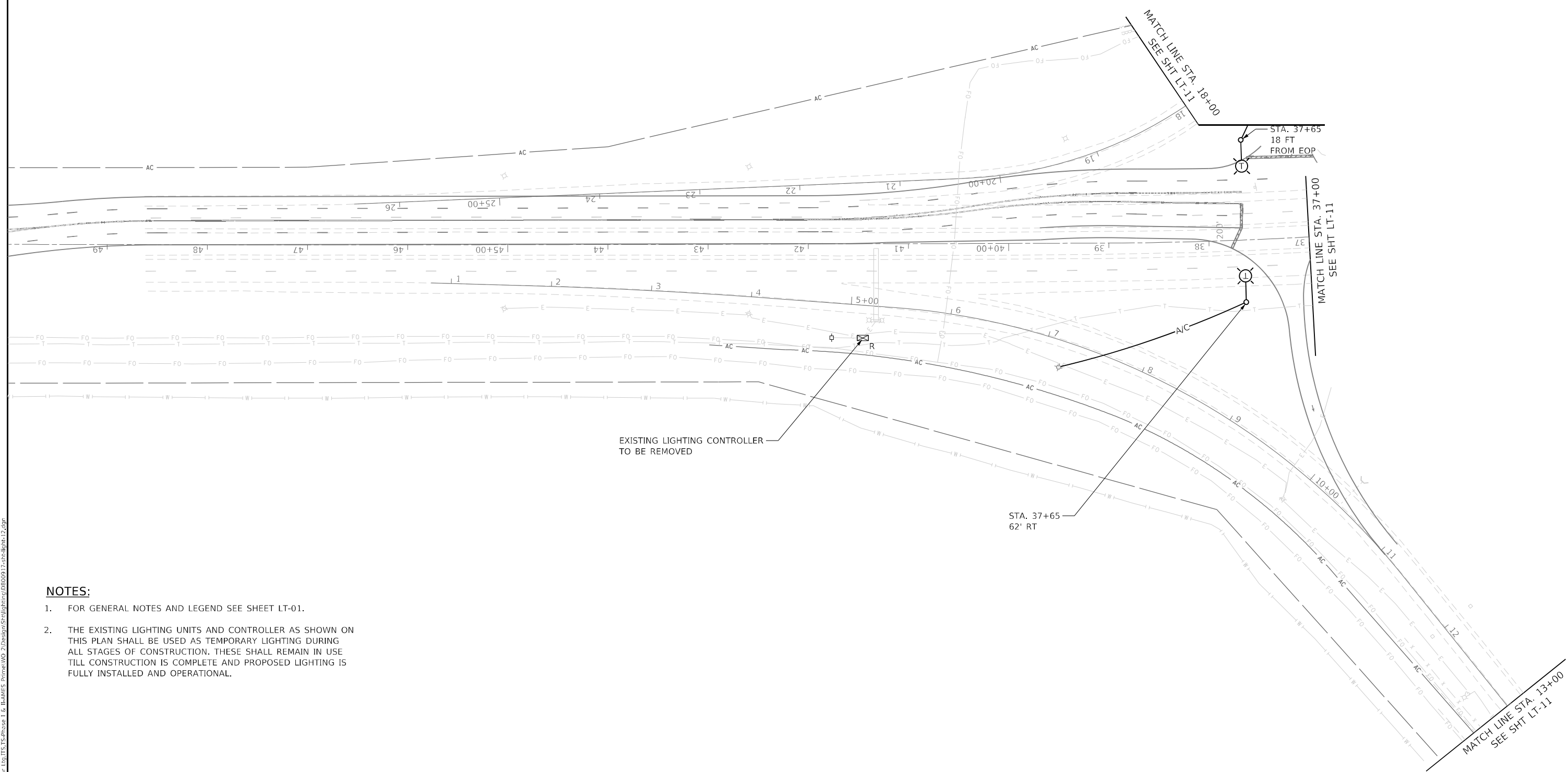
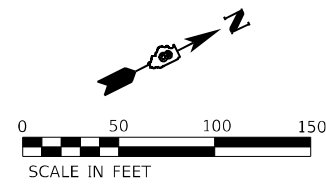
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN STAGE - 1A
IL. RTE 111 AND I-270

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	382
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

LT-11



NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE SHEET LT-01.
2. THE EXISTING LIGHTING UNITS AND CONTROLLER AS SHOWN ON THIS PLAN SHALL BE USED AS TEMPORARY LIGHTING DURING ALL STAGES OF CONSTRUCTION. THESE SHALL REMAIN IN USE TILL CONSTRUCTION IS COMPLETE AND PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL.

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LT-12

AMES Engineering, Inc.
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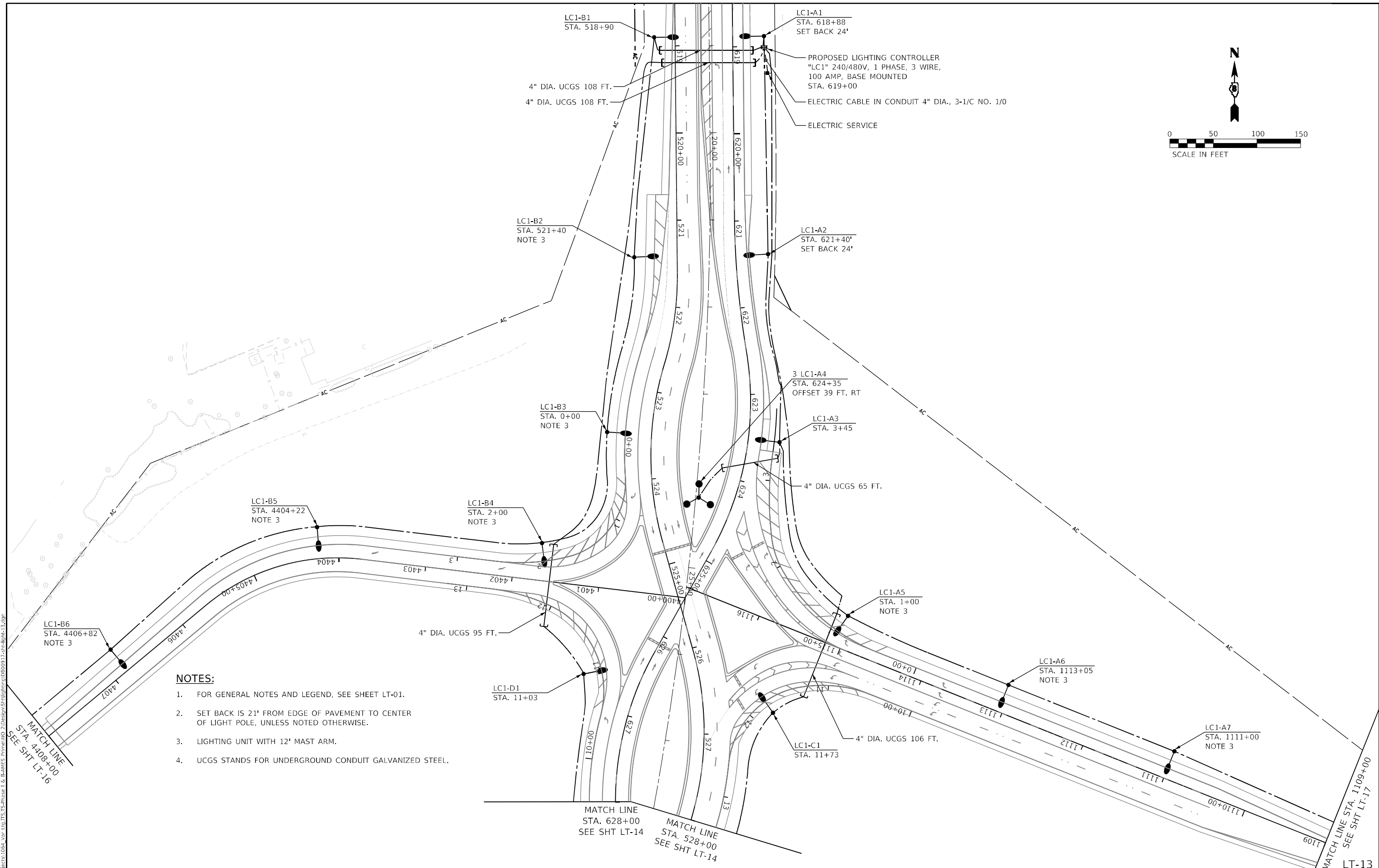
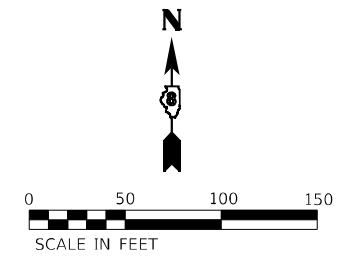
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	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN STAGE - 1A
IL RTE 111 AND I-270

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	383
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
 2. SET BACK IS 21' FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
 3. LIGHTING UNIT WITH 12' MAST ARM.
 4. UCGS STANDS FOR UNDERGROUND CONDUIT GALVANIZED STEEL.

MODEL: D:\proj\1110\1110-00\1110-00.dwg
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 USER: JLD
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AMES Engineering, Inc.
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 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdlrtche	DESIGNED - MH	REVISED -
DRAWN - MD / SR	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - BL	REVISED -
PLOT DATE = 3/20/2024	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY LIGHTING PLAN
IL RTE 111 AND I-270

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	384
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

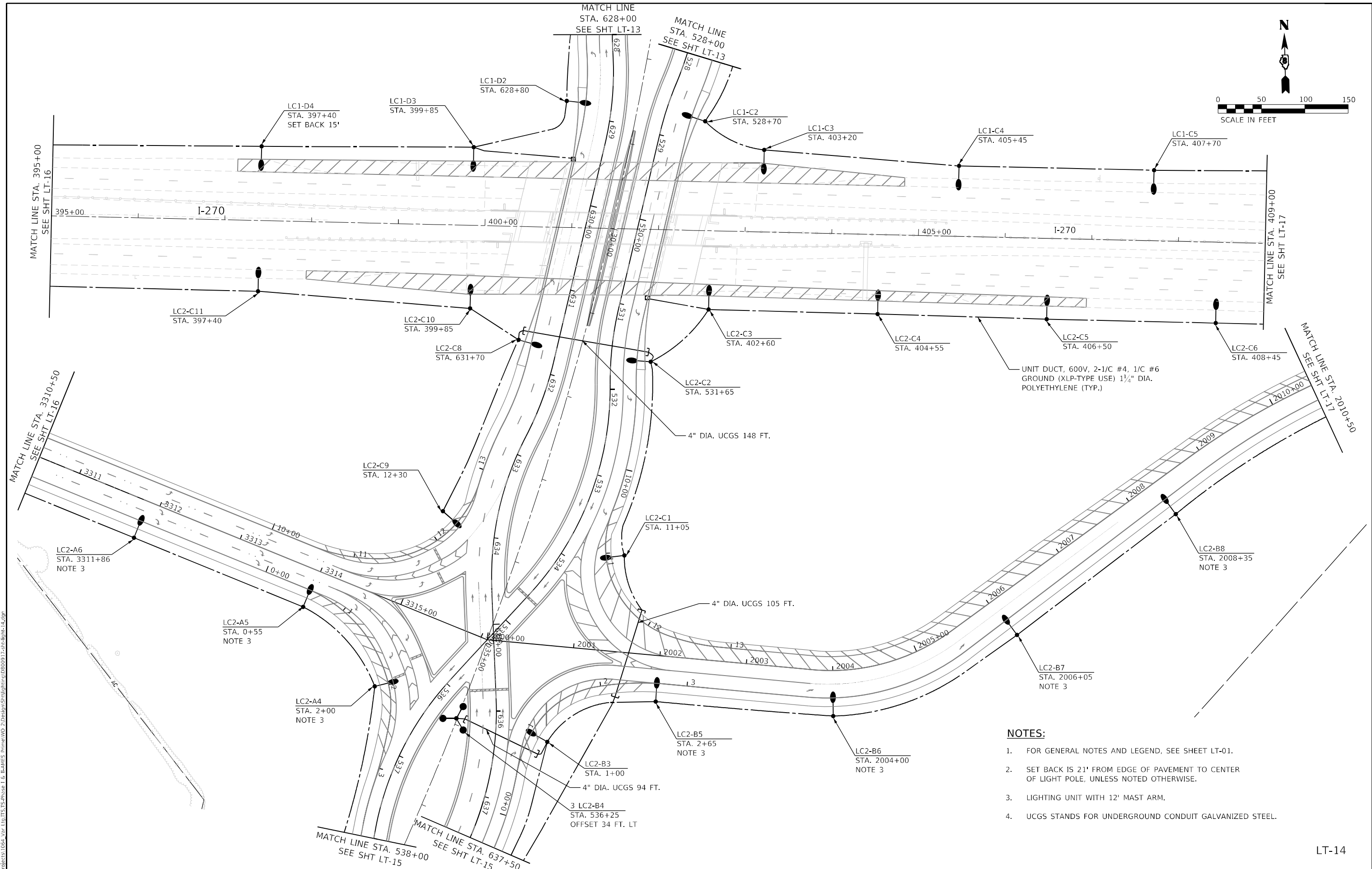
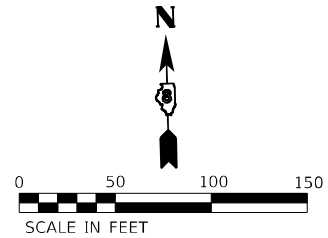
MATCH LINE
STA. 4408+00
SEE SHT LT-16

MATCH LINE
STA. 628+00
SEE SHT LT-14

MATCH LINE
STA. 528+00
SEE SHT LT-14

MATCH LINE
STA. 1109+00
SEE SHT LT-17

LT-13



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
 2. SET BACK IS 21' FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
 3. LIGHTING UNIT WITH 12' MAST ARM.
 4. UCGS STANDS FOR UNDERGROUND CONDUIT GALVANIZED STEEL.

LT-14

MODEL: D:\p\h\l...
 FILE NAME: E:\projects\1064_V02_10\TSS\TSS-Phase 1 & 2\AMES Prime\1064_V02_10\Drawings\Lighting\080917-2-24-light-14.dwg

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdlrtche	DESIGNED - MH	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MD / SR	REVISED -
PLOT DATE = 3/20/2024	CHECKED - BL	REVISED -
	DATE - 02-07-22	REVISED -

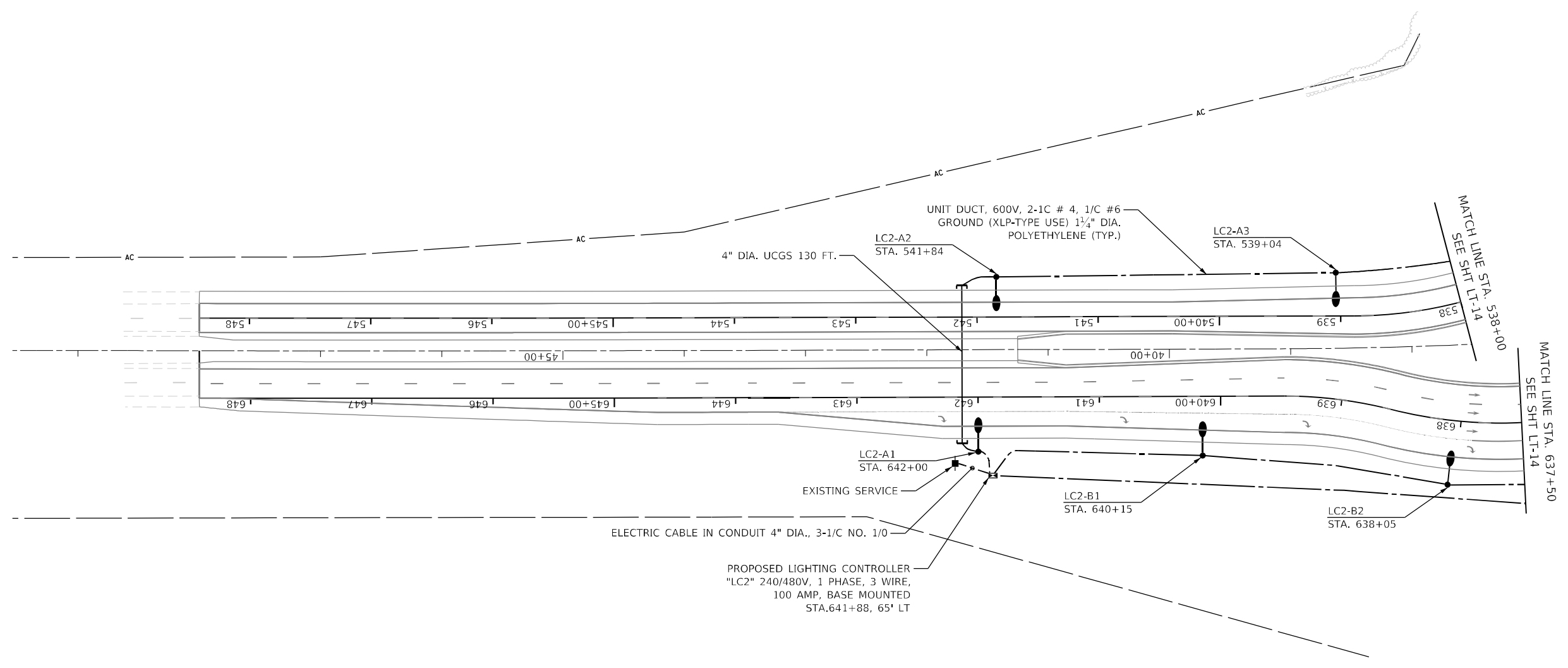
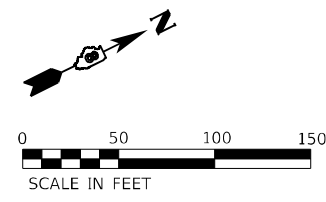
MATCH LINE STA. 538+00 SEE SHT LT-15	MATCH LINE STA. 637+50 SEE SHT LT-15
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY LIGHTING PLAN
 IL RTE 111 AND I-270**

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	385
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
2. SET BACK IS 21' FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT GALVANIZED STEEL.

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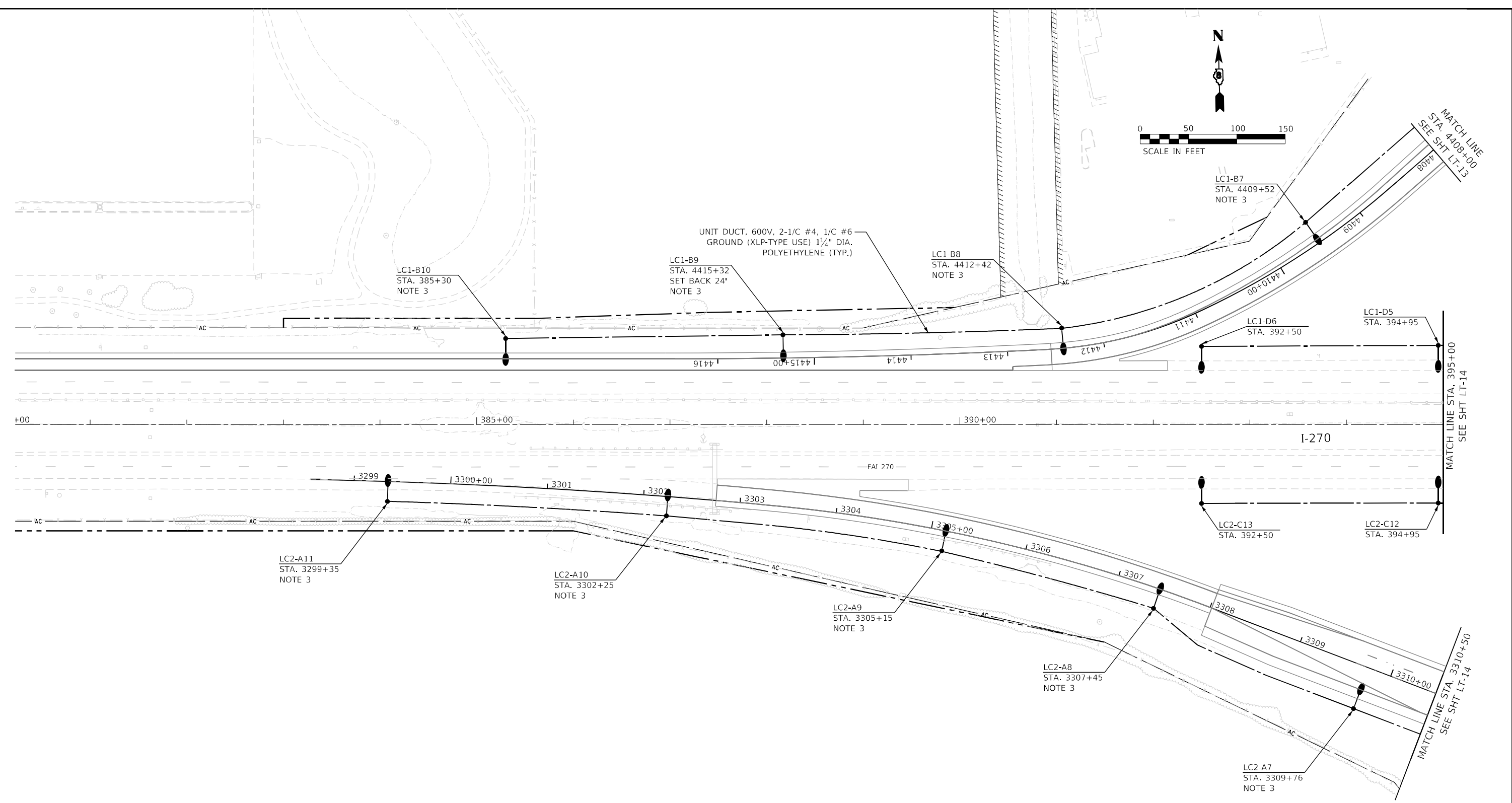
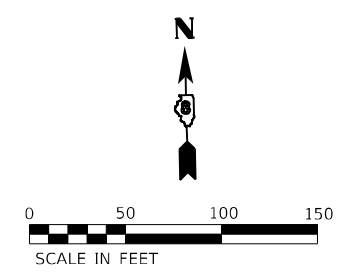
AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdelriche	DESIGNED - MH	REVISED -
DRAWN - MD / SR	CHECKED - BL	REVISED -
PLOT SCALE = 100,0000 ' / in.	DATE - 10/29/21	REVISED -
PLOT DATE = 3/20/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY LIGHTING PLAN
IL RTE 111 AND I-270

F.A.1 RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 386
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
2. SET BACK IS 21' FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
3. LIGHTING UNIT WITH 12' MAST ARM.

LT-16

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 USER: JLD
 PLOT DATE: 3/20/2024

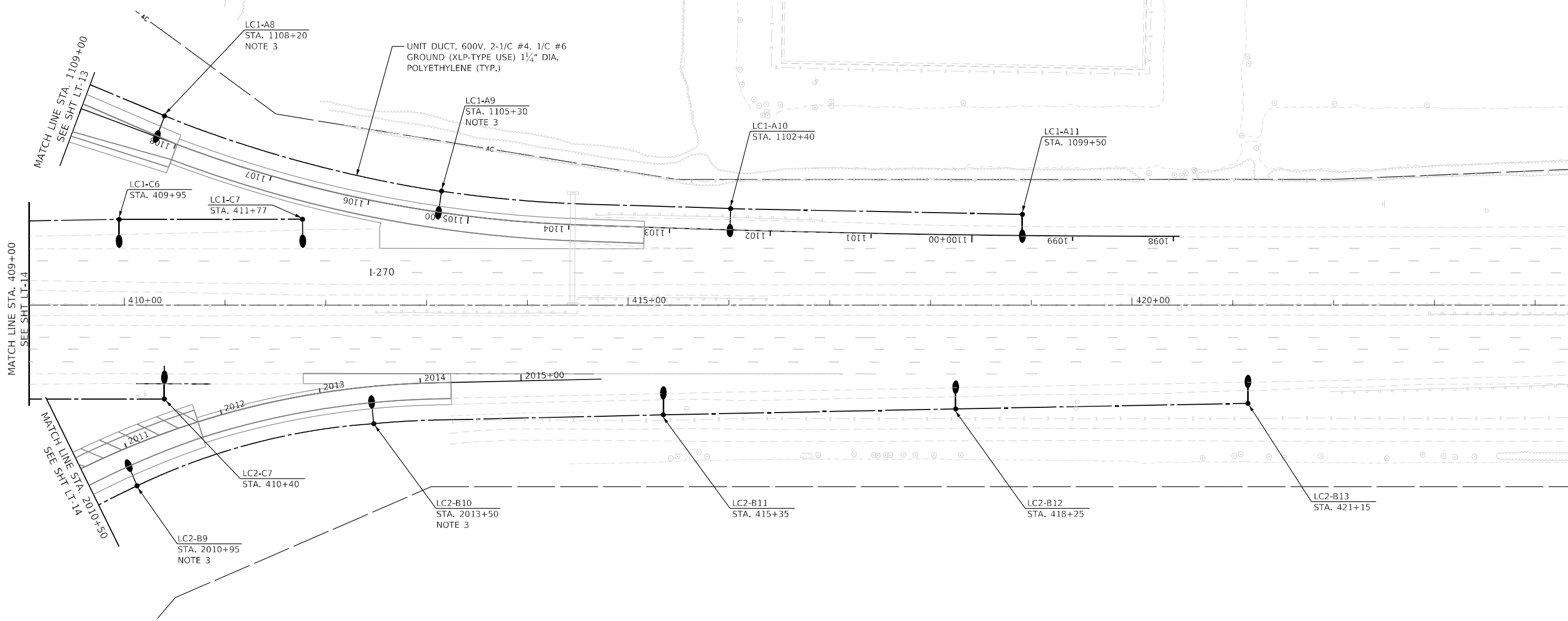
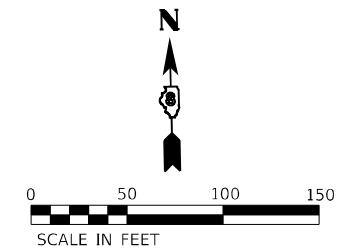
AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdlctche	DESIGNED - MH	REVISED -
DRAWN - MD / SR	CHECKED - BL	REVISED -
PLOT SCALE = 100,0000' / in.	DATE - 02-07-22	REVISED -
PLOT DATE = 3/20/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY LIGHTING PLAN IL RTE 111 AND I-270		F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		270	60-3K-1	MADISON	576	387
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

CONTRACT NO. 76818	
ILLINOIS	FED. AID PROJECT



- NOTES:**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
 - SET BACK IS 21' FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLE, UNLESS NOTED OTHERWISE.
 - LIGHTING UNIT WITH 12' MAST ARM.
 - UCGS STANDS FOR UNDERGROUND CONDUIT GALVANIZED STEEL.

LT-17

MODEL: D:\p1\11064\11064.dwg
 FILE NAME: E:\projects\11064\11064.dwg
 USER: JTS
 PLOT DATE: 3/20/2024

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60515

USER NAME = mdlctche
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/20/2024

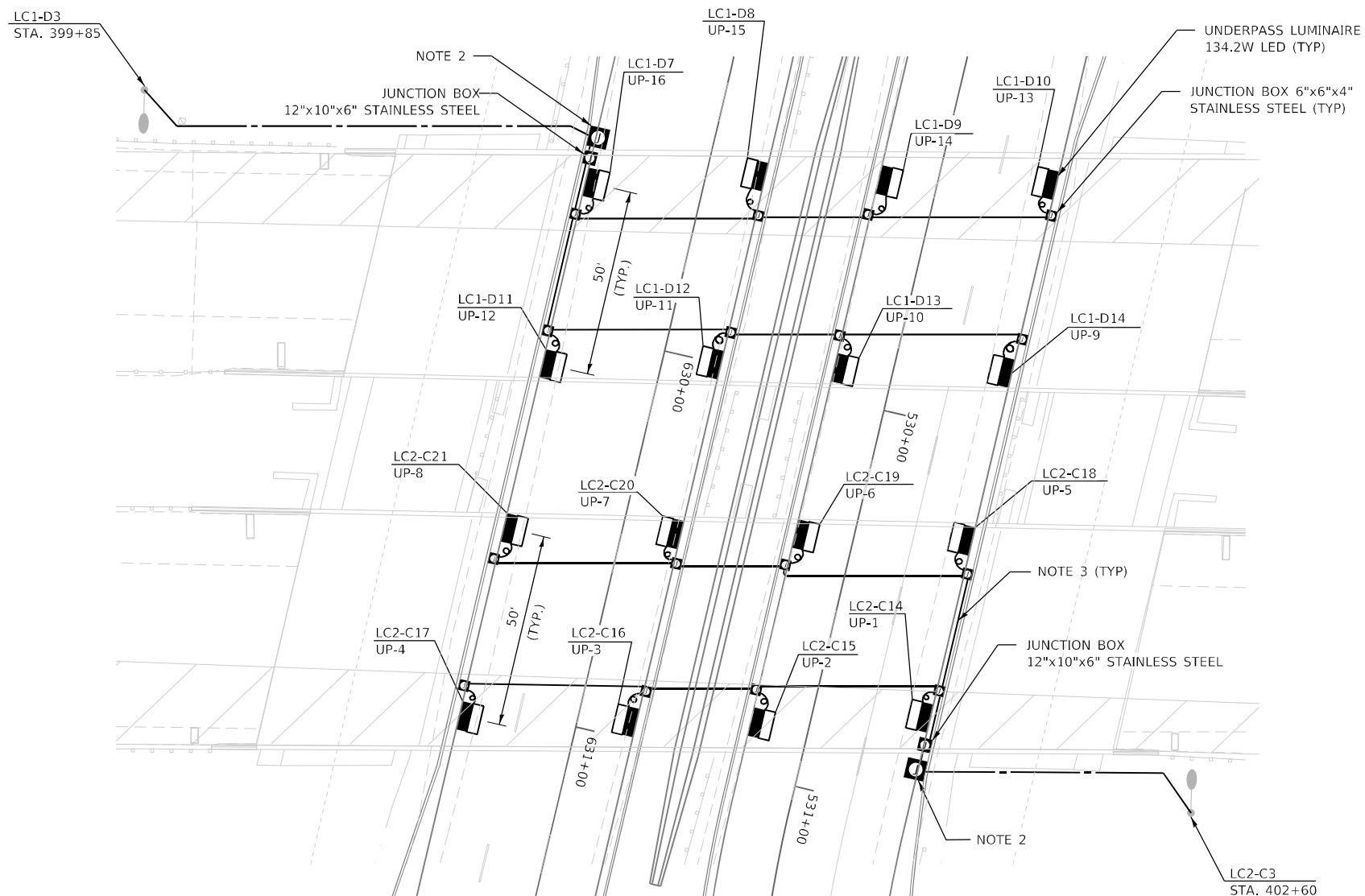
DESIGNED - MH
 DRAWN - MD / SR
 CHECKED - BL
 DATE - 02-07-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY LIGHTING PLAN
IL RTE 111 AND I-270
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	388
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-01.
2. INSTALL JUNCTION BOX STAINLESS STEEL, SIZE 18"x18"x8", ATTACHED TO STRUCTURE WITH OVER CURRENT PROTECTION FOR UNDERPASS LIGHTING, BY INSTALLING TWO (2) 5 AMP PROTECTIVE FUSES WITH FUSE HOLDERS. THEIR COST SHALL BE INCLUDED IN THE COST OF JUNCTION BOX.
3. FOR UNDERPASS LIGHTING INSTALL 2-1/C NO. 10 AND 1/C NO. 10 GROUND 600V (XLP-TYPE USE) ELECTRIC CABLE IN CONDUIT.
4. ALL JUNCTION BOXES USED FOR UNDERPASS LIGHTING ARE STAINLESS STEEL ATTACHED TO BRIDGE STRUCTURE.
5. LUMINAIRES ARE MOUNTED WITH 16FT. MOUNTING HEIGHT, 6FT. SETBACK FROM THE EDGE OF PAVEMENT AND A 10 DEGREE TILT.

LT-18

MODEL: D:\p\h\l
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DRAWN - MD / SR	REVISIONS -	
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



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

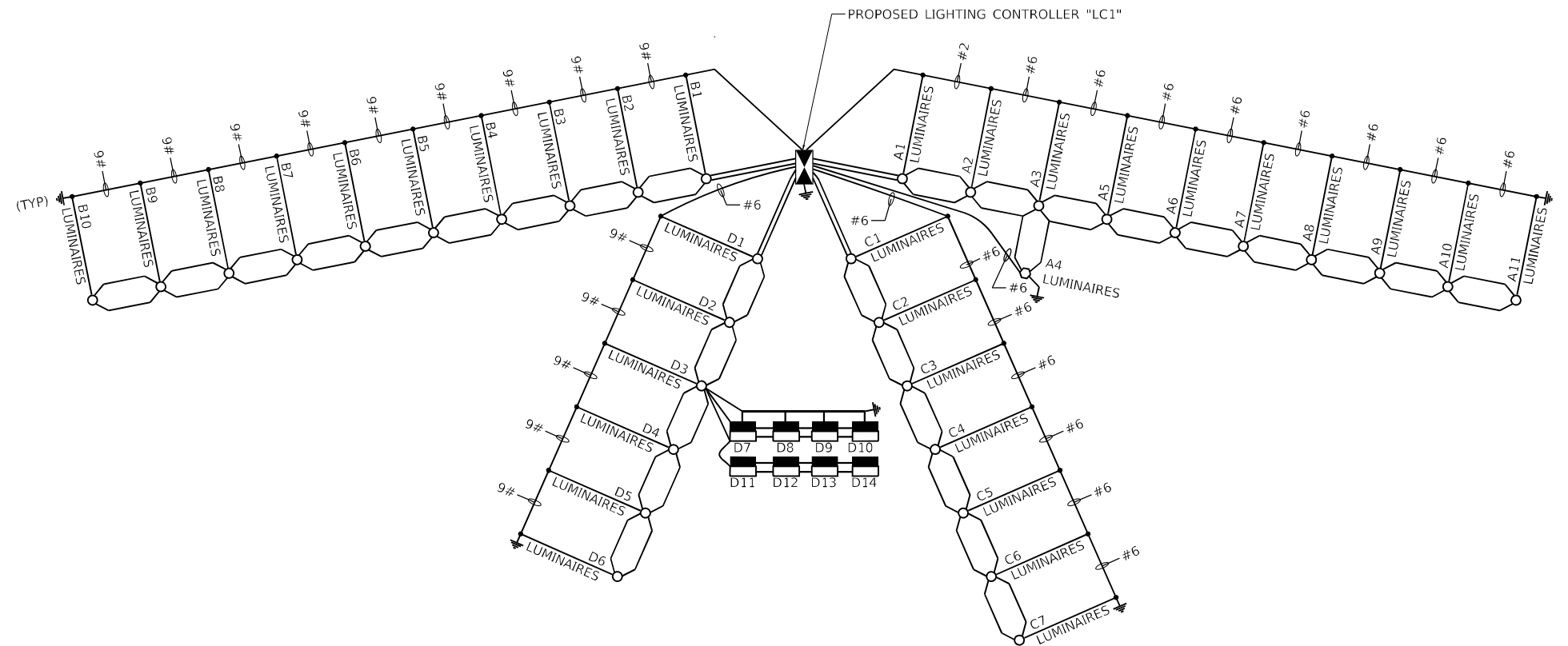
**ROADWAY UNDERPASS LIGHTING PLAN
IL RTE 111 AND I-270**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	389
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

LEGEND

-  PROPOSED LIGHTING CONTROLLER "LC" 480V, 1 PHASE, 3 WIRE 100 AMP, WITH 2P BRANCH CIRCUIT BREAKERS, BASE MOUNTED
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
-  PROPOSED LIGHT TOWER WITH LUMINAIRES OUTPUT DESIGNATION K
-  PROPOSED LIGHTING UNIT WITH LUMINAIRES OUTPUT DESIGNATION H
-  GROUND ROD (AT EACH POLE PER STANDARDS)
-  PROPOSED UNDERPASS LUMINAIRE OUTPUT DESIGNATION D



LOAD TABLE LIGHTING CONTROLLER "LC2"

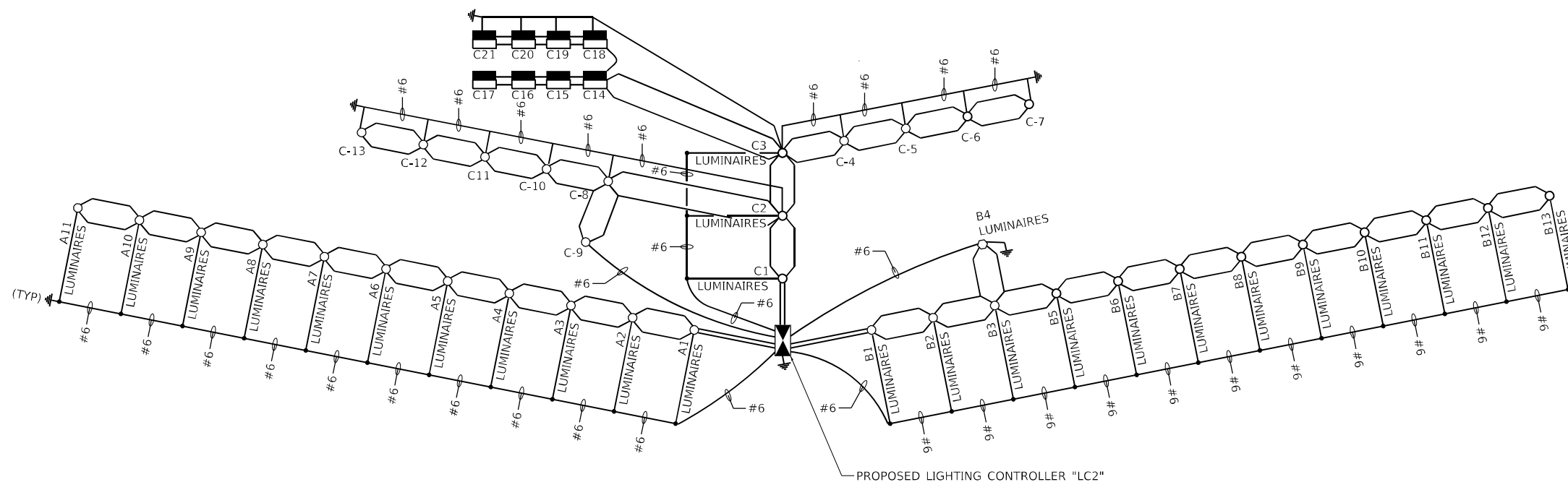
480V, A.C. 1 PHASE, 3 WIRE, 100A WITH 2P BRANCH CIRCUIT BREAKERS

CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	11 ROADWAY	7.26	3,124
B	12 ROADWAY 3 HIGHMAST	11.97	4,870
C	13 ROADWAY 8 UNDERPASS	11.14	4,788
D	SPARE	-	-
E	SPARE	-	-
F	SPARE	-	-
TOTAL		30.37	12,782

LOAD TABLE LIGHTING CONTROLLER "LC1"

480V, A.C. 1 PHASE, 3 WIRE, 100A WITH 2P BRANCH CIRCUIT BREAKERS

CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	10 ROADWAY 3 HIGHMAST	10.65	4,586
B	10 ROADWAY	6.60	2,840
C	7 ROADWAY	4.62	1,988
D	6 ROADWAY 8 UNDERPASS	6.52	2,800
E	SPARE	-	-
F	SPARE	-	-
TOTAL		28.39	12,214



LT-19

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AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60515

USER NAME = mdlctche	DESIGNED - MH	REVISED -
PLOT SCALE = 400,0000' / in.	DRAWN - MD / SR	REVISED -
PLOT DATE = 3/20/2024	CHECKED - BL	REVISED -
	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WIRING DIAGRAM
IL RTE 111 AND I-270**

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

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	390
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

Illinois Department of Transportation Luminaire Performance Table

Project
 Date: 07/02/24 Contract Number: 76818 Section Number: 60-3K-1 County: Madison
 Marked Route Number: IL-111 Municipality: Pontoon Beach

Roadway
 Lane Width: 12ft # of Lanes: 4 Median Width: N/A I.E.S. Surface Classification: R3 Q-Zero Value: 0.07

Structure
 Mounting Height: 100ft Arm Length: 2ft Set-Back: 17ft Number of Luminaires: 3

Luminaire
 Description: Highmast, Output Designation K I.E.S. Lateral Distribution: Type VS I.E.S. Vertical Distribution: Medium
 Total Light Loss Factor (LLF): 0.7 B-U-G Rating: U=0 Shields: N/A Dimming Protocol: 0-10V

Layout
 Spacing (to Nearest 5 ft): 334ft Configuration (Opposite, Staggered, 1 Sided, or Median): One sided

Performance
 Average Illuminance, E_{ave} (fc): 0.9 Uniformity Ratio, E_{min}/E_{max} : 3.0
 Average Luminance, L_{ave} (cd/m²): N/A Uniformity Ratio, L_{min}/L_{max} : N/A Veiling Luminance Ratio, L_v/L_{ave} : less than or equal to 0.3:1

Light Trespass
 Distance to ROW (behind pole): N/A Max. Horizontal Illuminance at ROW, E_{h-} : N/A Max. Vertical Illuminance at ROW, E_{v-} : N/A

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

Compliance with performance criteria shall be held to one significant digit.
 Calculations shall be performed with four lanes in one direction only.

Printed 07/02/24 BDE 5630 (04/10/19)

Illinois Department of Transportation Luminaire Performance Table

Project
 Date: 07/02/24 Contract Number: 76818 Section Number: 60-3K-1 County: Madison
 Marked Route Number: IL 111 Municipality: Pontoon Beach

Roadway
 Lane Width: 12 ft # of Lanes: 5 Median Width: N/A I.E.S. Surface Classification: R3 Q-Zero Value: 0.07

Structure
 Mounting Height: 50 ft Arm Length: 15 ft Set-Back: 18 ft Number of Luminaires: N/A

Luminaire
 Description: ROADWAY, OUTPUT DESIGNATION H I.E.S. Lateral Distribution: TYPE II OR TYPE III I.E.S. Vertical Distribution: MEDIUM
 Total Light Loss Factor (LLF): 0.7 B-U-G Rating: U=0 Shields: N/A Dimming Protocol: N/A

Layout
 Spacing (to Nearest 5 ft): 125 ft Configuration (Opposite, Staggered, 1 Sided, or Median): 1 Sided

Performance
 Average Illuminance, E_{ave} (fc): N/A Uniformity Ratio, E_{min}/E_{max} : N/A
 Average Luminance, L_{ave} (cd/m²): 0.9 Uniformity Ratio, L_{min}/L_{max} : 3.0:1 Veiling Luminance Ratio, L_v/L_{ave} : 5.0:1

Light Trespass
 Distance to ROW (behind pole): N/A Max. Horizontal Illuminance at ROW, E_{h-} : N/A Max. Vertical Illuminance at ROW, E_{v-} : N/A

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

Compliance with performance criteria shall be held to one significant digit.
 Calculations shall be performed with five lanes in one direction only.

Printed 07/02/24 BDE 5630 (04/10/19)

Illinois Department of Transportation Luminaire Performance Table

Project
 Date: 07/02/24 Contract Number: 76818 Section Number: 60-3K-1 County: Madison
 Marked Route Number: IL 111 Municipality: Pontoon Beach

Roadway
 Lane Width: 12 ft # of Lanes: 3 Median Width: N/A I.E.S. Surface Classification: R3 Q-Zero Value: .07

Structure
 Mounting Height: 16 ft Arm Length: N/A Set-Back: 6 ft Number of Luminaires: N/A

Luminaire
 Description: UNDERPASS, OUTPUT DESIGNATION D I.E.S. Lateral Distribution: TYPE IV I.E.S. Vertical Distribution: Short
 Total Light Loss Factor (LLF): 0.7 B-U-G Rating: U=0 Shields: N/A Dimming Protocol: N/A

Layout
 Spacing (to Nearest 5 ft): 50 ft Configuration (Opposite, Staggered, 1 Sided, or Median): Opposite

Performance
 Average Illuminance, E_{ave} (fc): N/A Uniformity Ratio, E_{min}/E_{max} : N/A
 Average Luminance, L_{ave} (cd/m²): 1.35 Uniformity Ratio, L_{min}/L_{max} : 3.0:1 Veiling Luminance Ratio, L_v/L_{ave} : 5.0:1

Light Trespass
 Distance to ROW (behind pole): N/A Max. Horizontal Illuminance at ROW, E_{h-} : N/A Max. Vertical Illuminance at ROW, E_{v-} : N/A

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

Compliance with performance criteria shall be held to one significant digit.
 Luminaire shall be mounted with 10-degree tilt.
 Calculations shall be performed with three lanes in one direction only.

Printed 07/02/24 BDE 5630 (04/10/19)

MODEL: 3400BELNAMES
 FILE NAME: 37EUS



USER NAME = \$USERS	DESIGNED - MH	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - BL	REVISED -
PLOT DATE = \$DATE\$	DATE - 02-07-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LUMINAIRE PERFORMANCE TABLES
 IL RTE 111 AND I-270**

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

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	391
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

ROUTE FAP 582 DESCRIPTION IL 111 PTB 192-018 (J034769.05) LOGGED BY KEG
 SECTION 60-3K-1 LOCATION 50854.0599, 64732.8475, SEC. 35, TWP. 4N, RNG. 9W, 3 PM
 COUNTY Madison DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	DEPTHS	BULGE	UCS	M	Surface Water Elev.	DEPTHS	BULGE	UCS	M
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Brown & Gray Clay Fill, Soft Poor Recovery	2								
	1	0.25	33						
	2	P							
Becomes Medium Stiff at 3.5' Poor Recovery	1								
	2	0.5	34						
	3	P							
	-5								
	1								
	1	0.79	27						
	3	B							
	WH								
Gray Silty Loam	2	0.13	32						
	1	B							
	-10								
Gray Clay, Medium Stiff	1	0.67	38						
	1	B							
Brown Clay Loam, Medium Stiff	1								
	2	1.05	42						
	2	B							
	-15								
Classification at 16 Ft	1								
	2	0.87	47						
	3	B							
	WH								
	2	0.87	53						
	1	B							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

ROUTE FAP 582 DESCRIPTION IL 111 PTB 192-018 (J034769.05) LOGGED BY KEG
 SECTION 60-3K-1 LOCATION 52818.2378, 65053.4343, SEC. 35, TWP. 4N, RNG. 9W, 3 PM
 COUNTY Madison DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	DEPTHS	BULGE	UCS	M	Surface Water Elev.	DEPTHS	BULGE	UCS	M
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
14" Concrete Pavement									
	4								
Black Silty Clay Fill, Medium Stiff w/Crushed Stone	3	2.0	18						
	3	P							
	2								
	2	1.66	29						
	4	B							
Gray Silty Clay, Wet, Medium-Stiff	5								
	4								
	7	1.0	41						
	7	P							
	2								
	2	1.00	32						
	2	B							
	-10								
Gray Silty Loam, Wet	2								
	2	0.5	34						
	3	P							
	1								
	1								
	2								
	2								
	1								
	1								
	2								
	2								
	1								
	1								
	2	1.48	50						
	2	B							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

ROUTE FAP 582 DESCRIPTION IL 111 PTB 192-018 (J034769.05) LOGGED BY KEG
 SECTION 60-3K-1 LOCATION 51991.5270, 65007.3101, SEC. 35, TWP. 4N, RNG. 9W, 3 PM
 COUNTY Madison DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	DEPTHS	BULGE	UCS	M	Surface Water Elev.	DEPTHS	BULGE	UCS	M
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Brown Clay, Medium Stiff									
	2								
	2	0.79	30						
	2	B							
	1								
	2	1.05	33						
	3	B							
	-5								
	1								
	4	0.87	20						
	6	B							
Brown Sandy Loam									
	2								
	3								
	3								
	5								
Brown Fine Sand, Loose									
	-10								
Becomes Wet at 11.5'									
	1								
	1								
	1								
	3								
	3								
	5								
	-15								
	1								
	3								
	7								
	7								
	5								
	5								
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

MODEL: D:\p\h\l... FILE NAME: E:\projects\1064_V01_100_T15_T15_Phase 1 & 2\Drawings\Sheet\10640017-21.dwg



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PLOT SCALE = 0.1538' / in.	DRAWN - MD / SR	REVISED -
PLOT DATE = 3/20/2024	CHECKED - BL	REVISED -
	DATE - 02-07-22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

SOIL BORINGS
 IL RTE 111 AND I-270

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	392
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				FAP582 FAI 270 NONE 0001 S.N.
72000100	SIGN PANEL - TYPE 1	SQ FT	265	265
72000200	SIGN PANEL - TYPE 2	SQ FT	178	178
72000300	SIGN PANEL - TYPE 3	SQ FT	7235	7235
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1273	1273
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	196	196
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	380	380
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	4242	4242
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	67304	67304
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	255.5	255.5
73000100	WOOD SIGN SUPPORT	FOOT	209.8	209.8
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	23	23
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	174	174
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	131.7	131.7

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				FAP582 FAI 270 NONE 0001 S.N.
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	43	43
73400100	CONCRETE FOUNDATIONS	CU YD	123.9	123.9
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	40.4	40.4
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5	5
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2	2
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	2	2
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	9	9
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	19	19
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	16	16
73800900	REMOVE OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	32.5	32.5
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5166	5166
X0326811	ABANDON CONDUIT IN PLACE	EACH	3	3
* X0327303	REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE	EACH	6	6
* X8100105	CONDUIT SPLICE	EACH	5	5
* X1400013	REMOVAL OF CABLE IN CONDUIT	FOOT	1722	1722

MODEL NUMBER/NAME
FILE NAME: 31113

USER NAME = _USER_	DESIGNED - GDO	REVISED -
DRAWN - GDO	CHECKED - STS	REVISED -
PLOT SCALE = 2,0000 ' / in.	DATE - 6/6/2024	REVISED -
PLOT DATE = 6/6/2024		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 2,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	396
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGNING SCHEDULE

STATION	OFFSET	ROADWAY	SIGN NAME	SIGN DESCRIPTION	Proposed Structure Number	PROPOSED PANEL DIMENSIONS			SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	WOOD SIGN SUPPORT (FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH)	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY (POUND)	W12x28 (LF)	W14x30 (LF)	W14x38 (LF)	W16x45 (LF)	CONCRETE FOUNDATION (CU YD)
						WIDTH (FT)	HEIGHT (FT)	(SQ FT)												
4+00	61.02' RT	IL 111	SB-WF-001	GUIDE - I-270 INDIANAPOLIS KANSAS CITY 1/2 MILE		18.5	13.0				214.5				1580		52.7			3.8
9+00	64.77' RT	IL 111	SB-WF-067	GUIDE - I-270 WEST KANSAS CITY NEXT EXIT		16.0	10.0				180.0				1289	46				2.8
13+50	56.29' RT	IL 111	SB-WP-068	W3-5 - 30 MPH		4.0	4.0		16.0			18.3								
17+97	11.25' RT	IL 111	SB-TS-043	R4-7 - SYMBOL KEEP RIGHT		2.0	2.5	5.0					10.2	1						
18+97	54.50' LT	IL 111	NB-TS-025	R5-1 - DO NOT ENTER		3.0	3.0	9.0					12.3	1						
18+97	11.25' RT	IL 111	NB-TS-076	R5-1 - DO NOT ENTER		3.0	3.0	9.0					10.2	1						
46+50	61.91' LT	IL 111	NB-WP-046	W3-5 - 30 MPH		4.0	4.0		16.0			18.3								
48+50	55.00' LT	IL 111	NB-WP-047A	M2-1 - JUNCTION		1.8	1.3					15.2								
			NB-WP-047B	M2-1 - JUNCTION		1.8	1.3													
			NB-WP-047C	M1-1 - 270		2.5	2.0													
			NB-WP-047D	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
51+50	60.62' RT	IL 111	NB-WF-048	GUIDE - I-270 EAST INDIANAPOLIS NEXT EXIT		16.5	10.0			165.0				1362		45.4			3.8	
56+75	58.85' RT	IL 111	NB-WF-049	GUIDE - I-270 INDIANAPOLIS KANSAS CITY 1/2 MILE		16.5	13.0			214.5				2010			52.9		4.2	
518+70	57.99' RT	SB IL 111	SB-WP-002A	M2-1 - JUNCTION		1.8	1.3					14.2								
			SB-WP-002B	M2-1 - JUNCTION		1.8	1.3													
			SB-WP-002C	M1-1 - 270		2.5	2.0													
			SB-WP-002D	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
519+39	59.3' RT	SB IL 111	SB-WP-003	M2-1 - JUNCTION		1.8	1.3				15.6									
521+85	3.64' LT / 80.36' RT	SB IL 111	SB-TR-004A	E1-5aP - LEFT		6.0	2.5		15.0											
			SB-TR-004B	GUIDE - 270 EAST INDIANAPOLIS EXIT ONLY DOWN ARROW	8S060S111R10.7	18.5	11.0			181.5										
521+85	80.36' RT	SB IL 111	SB-TR-004C	GUIDE - WEST 270 NORTH LOGO GREAT RIVER ROAD KANSAS CITY EXIT ONLY DIAGONAL ARROW		16.0	14.0				224.0									
			SB-PM-005A	M3-3 SOUTH		2.0	1.0													
			SB-PM-005B	M3-1 NORTH		2.0	1.0													
			SB-PM-005C	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
			SB-PM-005D	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
			SB-PM-005E	M6-3 - STRAIGHT ARROW		1.8	1.3													
524+51	51.76' LT	SB IL 111	SB-PM-069	R6-1 - ONE WAY		3.0	1.0	3.0												
525+38	29.47' RT	SB IL 111	SB-TS-006	R3-1 - SYMBOL NO RIGHT TURN		3.0	3.0	9.0				10.7	1							
526+03	20.02' RT	SB IL 111	SB-TS-008	R4-8 - SYMBOL KEEP LEFT		2.0	2.5	5.0				10.2	1							
526+66	26.80' RT	SB IL 111	SB-PM-009	R6-1 - ONE WAY		3.0	1.0	3.0												
528+35	20.50' RT	SB IL 111	SB-TS-010	R2-1 - 30 MPH		3.0	4.0		12.0			11.7	1							
529+24	22.50' LT	SB IL 111	SB-BM-013A	E1-5aP - LEFT		6.0	2.5		15.0											
			SB-BM-013B	GUIDE - 270 EAST INDIANAPOLIS EXIT ONLY DOWN ARROW	8B060I270L005.8	16.5	11.0			181.5										
534+25	46.49' RT	SB IL 111	SB-PM-026	R6-1 - ONE WAY		4.5	1.5	6.8												
535+09	20.50' LT	SB IL 111	SB-TS-028	R3-2 - SYMBOL NO LEFT TURN		3.0	3.0	9.0				10.7	1							
536+25	26.81' LT	SB IL 111	SB-PM-035	R6-1 - ONE WAY		4.5	1.5	6.8												
541+70	29.50' RT	SB IL 111	SB-WP-034	R2-1 - 60 MPH		3.0	4.0		12.0			15.7								
624+85	20.50' RT	NB IL 111	NB-TS-017	R4-7 - SYMBOL KEEP RIGHT		2.0	2.5	5.0				10.7	1							
625+72	20.50' LT	NB IL 111	NB-TS-007	R3-2 - SYMBOL NO LEFT TURN		3.0	3.0	9.0				10.7	1							
631+03	22.50' RT	NB IL 111	NB-BM-011A	E1 5aP LEFT		6.0	2.5													
			NB-BM-011B	GUIDE - WEST 270 NORTH LOGO GREAT RIVER ROAD KANSAS CITY EXIT ONLY DOWN ARROW	8B060I270R005.8	16.5	13.5													
632+11	20.50' LT	NB IL 111	NB-TS-012	R2-1 - 30 MPH		3.0	4.0		12.0			11.7	1							
634+56	20.01' LT	NB IL 111	NB-TS-037	R4-8 - SYMBOL KEEP LEFT		2.0	2.5	5.0				10.2	1							
635+21	20.50' LT	NB IL 111	NB-TS-029	R3-1 - SYMBOL NO RIGHT TURN		3.0	3.0	9.0				10.7	1							
635+78	35.08' RT	NB IL 111	NB-TS-030	R4-7 - SYMBOL KEEP RIGHT		2.0	2.5	5.0				10.2	1							
638+76	45.22' LT / 44.78' RT	NB IL 111	NB-TR-031A	E1-5aP - LEFT		6.0	2.5													
			NB-TR-031B	GUIDE - WEST 270 NORTH LOGO GREAT RIVER ROAD KANSAS CITY EXIT ONLY DOWN ARROW	8S060S111L11.0	16.5	13.5													
638+76	45.22' LT / 44.78' RT	NB IL 111	NB-TR-032	GUIDE - 270 EAST INDIANAPOLIS EXIT ONLY DIAGONAL ARROW		16.5	11.0			181.5										
641+78	41.50' LT	NB IL 111	NB-WP-033	R2-1 - 30 MPH		3.0	4.0		12.0			15.9								
1113+15	55.00' LT	RAMP A	RA-TS-015A	GUIDE - PONTOON BEACH WOOD RIVER		14.0	17.0							2789					62.0	4.5
			RA-TS-015B	R5-1a WRONG WAY		3.5	2.5													
1113+15	29.75' RT	RAMP A	RA-TS-020	R5-1a WRONG WAY		3.5	2.5	8.8				12.4	1							
1115+55	15.10' LT	RAMP A	RA-TS-016A	M3-3 SOUTH		2.0	1.0					12.0	1							
			RA-TS-016B	M3-3 SOUTH		2.0	1.0													
			RA-TS-016C	M3-1 NORTH		2.0	1.0													
			RA-TS-016D	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
			RA-TS-016E	M1-5 - 111		2.0	2.0													
			RA-TS-016F	M1-5 - 111		2.0	2.0													
			RA-TS-016G	M6-1 - HORIZONTAL ARROW		1.8	1.3													
1108+77	26.96' RT	RAMP A	RA-WF-081	SERVICE - FOOD LEFT ARROW RIGHT ARROW		20.0	15.0			300.0				4627				102.8	6.7	
1110+91	35.50' RT	RAMP A	RA-WF-082	SERVICE - GAS LEFT ARROW RIGHT ARROW		20.0	15.0			300.0				4627				102.8	6.7	
1115+60	121.86' LT	RAMP A	RA-TS-021	R5-1 - DO NOT ENTER		3.0	3.0	9.0				12.0	1							
1115+60	116.70' LT	RAMP A	RA-PM-022	R10-11b NO TURN ON RED		3.0	3.0	9.0												
1115+97	87.96' RT	RAMP A	RA-TS-071	R5-1 - DO NOT ENTER		3.0	3.0	9.0				12.3	1							
1116+08	54.80' LT	RAMP A	RA-PM-024	R10-11b NO TURN ON RED		3.0	3.0	9.0												
1116+11	62.96' LT	RAMP A	RA-TS-023	R5-1 - DO NOT ENTER		3.0	3.0	9.0				10.7	1							
1116+15	109.59' RT	RAMP A	RA-PM-018	R10-11b NO TURN ON RED		3.0	3.0	9.0												
1116+40	31.53' RT	RAMP A	RA-TS-070	R5-1 - DO NOT ENTER		3.0	3.0	9.0				10.7	1							
1116+53	34.08' RT	RAMP A	RA-PM-019	R10-11b NO TURN ON RED		3.0	3.0	9.0												
2003+77	50.79' RT	RAMP B	RB-WP-027	W4-2 SYMBOL LANE ENDS		4.0	4.0		16.0		18.3									
3308+68	47.00' RT	RAMP C	RC-WF-078	SERVICE - FOOD LEFT ARROW RIGHT ARROW		20.0	15.0			300.0				4674					103.9	6.7
3310+82	47.50' RT	RAMP C	RC-WF-079	SERVICE - GAS LEFT ARROW RIGHT ARROW		20.0	15.0			300.0				4627					102.8	6.7
3313+00	41.75' RT	RAMP C	RS-WP-044	R5-1a WRONG WAY		3.5	2.5	8.8				14.5								

MODEL NUMBER: N/A
FILE NAME: STS15

USER NAME = _USER_	DESIGNED - GDO	REVISED -
DRAWN - GDO	REVISIONS -	
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

SCALE: 2,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	397
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

STATION	OFFSET	ROADWAY	SIGN NAME	SIGN DESCRIPTION	Proposed Structure Number	PROPOSED PANEL DIMENSIONS			SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	WOOD SIGN SUPPORT (FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH)	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY (POUND)	W12x28 (LF)	W14x30 (LF)	W14x38 (LF)	W16x45 (LF)	CONCRETE FOUNDATION (CU YD)		
						WIDTH (FT)	HEIGHT (FT)	(SQ FT)														
3313+00	43.00' LT	RAMP C	RC-WF-042A	R5-1a WRONG WAY		3.5	2.5															
			RC-WF-042B	GUIDE - IL 111 NORTH WOOD RIVER LEFT ARROW PONTON BEACH RIGHT ARROW		14.0	17.0								4121					91.6	4.5	
3314+96	1.75' LT	RAMP C	RC-WP-045A	M3-1 NORTH		2.0	1.0															
			RC-WP-045B	M3-3 SOUTH		2.0	1.0															
			RC-WP-045C	M3-3 SOUTH		2.0	1.0															
			RC-WP-045D	M1-5 - 111		2.0	2.0															
			RC-WP-045E	M1-5 - 111		2.0	2.0															
			RC-WP-045F	D6-4 - LOGO GREAT RIVER ROAD		2.0	2.0								12.0	1						
			RC-WP-045G	M6-1 - HORIZONTAL ARROW		1.8	1.3															
			RC-WP-045H	M6-1 - HORIZONTAL ARROW		1.8	1.3															
			RC-WP-045I	M6-1 - HORIZONTAL ARROW		1.8	1.3															
3314+98	83.48' LT	RAMP C	RC-PM-039	R10-11b NO TURN ON RED		3.0	3.0	9.0														
3315+03	94.04' LT	RAMP C	RC-TS-038	R5-1 - DO NOT ENTER		3.0	3.0	9.0					12.2	1								
3315+10	102.30' RT	RAMP C	RC-PM-036	R10-11b NO TURN ON RED		3.0	3.0	9.0														
3315+16	114.92' RT	RAMP C	RC-WP-040	R5-1 - DO NOT ENTER		3.0	3.0	9.0				14.8										
3315+39	29.82' LT	RAMP C	RC-PM-041	R10-11b NO TURN ON RED		3.0	3.0	9.0														
3315+45	30.24' RT	RAMP C	RC-PM-072	R10-11b NO TURN ON RED		3.0	3.0	9.0														
3315+53	49.50' LT	RAMP C	RC-TS-074	R5-1 - DO NOT ENTER		3.0	3.0	9.0					10.7	1								
3315+60	50.00' RT	RAMP C	RC-TS-073	R5-1 - DO NOT ENTER		3.0	3.0	9.0					10.7	1								
4403+74	34.83' RT	RAMP D	RD-WP-014	W4-2 SYMBOL LANE ENDS		4.0	4.0		16.0			18.2										
326+67	0.64' RT / 104.64' RT	I-270	-	EXISTING STRUCTURE 8S060I270R004.4																		
			EB-TR-075A	GUIDE - I-270 EAST INDIANA POLICE		16.5	8.0			132.0												
			EB-TR-075B	GUIDE - IL 203 SOUTH GRANITE CITY EXIT ONLY DIAGONAL ARROW		16.5	10.5			173.3												
347+00	83.50' RT	I-270	EB-WF-083	GUIDE - EXIT 6 - 111 - WOODRIVER PONTOON BEACH EXIT 1 MILES		15.0	10.0							1400		46.7				3.8		
352+00	80.52' RT	I-270	EB-WF-050	SERVICE - LODGING EXIT 6		16.0	10.5							1406		46.9				3.8		
360+50	81.21' RT	I-270	EB-WF-051	SERVICE - FOOD EXIT 6		16.0	10.5							1400		46.7				3.8		
368+10	82.05' RT	I-270	EB-WF-052	GUIDE - IL 111 WOOD RIVER PONTOON BEACH NEXT EXIT		19.0	12.5							2003			52.7			4.2		
376+00	80.64' RT	I-270	EB-WF-053	SERVICE - GAS EXIT 6		16.0	10.5							1400		46.7				3.8		
384+00	101.13' RT	I-270	EB-WF-054	GUIDE - EXIT 6 - 111 WOOD RIVER PONTOON BEACH EXIT ONLY DIAGONAL ARROW		19.0	16.0							2653				59.0		4.5		
385+00	76.83' RT	I-270	EB-WP-084	W13-3 - RAMP 45 MPH		3.0	4.0		12.0		15.5											
391+10	160.10' RT	I-270	EB-WF-077	SERVICE - LODGING LEFT ARROW RIGHT ARROW		15.0	20.0			300.0				4462					99.2	6.7		
404+40		I-270	-	EXISTING STRUCTURE 8S060I270R005.9																		
408+00	80.83' LT	I-270	WB-WF-056	GUIDE - EXIT 4 203 NORTH GRANITE CITY EXISTS 1 1/2 MILES		16.5	12.5			206.3				1873			49.3			4.2		
412+08	131.63' LT	I-270	WB-WF-080	SERVICE - LODGING LEFT ARROW RIGHT ARROW		15.0	20.0			300.0				4467					99.3	6.7		
414+80	100.67' LT	I-270	WB-WF-085	GUIDE - EXIT 6 - 111 WOOD RIVER PONTOON BEACH EXIT ONLY DIAGONAL ARROW		20.0	16.0			320.0				2525					56.1	4.5		
417+00	90.04' LT	I-270	WB-WP-086	W13-3 - RAMP 45 MPH		3.0	4.0		12.0		15.5											
421+50	91.05' LT	I-270	WB-WF-059	SERVICE - GAS EXIT 6		16.0	10.5							1402		46.7				3.8		
427+02	103.89' LT	I-270	WB-PM-055	E1-5P EXIT 6		2.5	2.0	5.0														
428+58	94.50' LT	I-270	WB-TR-060	GUIDE - EXIT 6 - 111 WOOD RIVER PONTOON BEACH EXIT ONLY DOWN ARROW		20.5	16.5			338.3												
435+30	105.80' LT	I-270	WB-WF-061	SERVICE - FOOD EXIT 6		16.0	10.5							1445		48.2				3.8		
441+85	109.10' LT	I-270	WB-WF-062	SERVICE - LODGING EXIT 6		16.0	10.5							1446		48.2				3.8		
450+00	79.56' LT	I-270	WB-WF-063	GUIDE - LOGO GREAT RIVER ROAD SOUTH EXIT 6 NORTH EXIT 3B		15.5	14.0			217.0				1589		53.0				3.8		
458+00	81.34' LT	I-270	WB-WF-064	GUIDE - IL 111 WOOD RIVER PONTOON BEACH EXIT 6		19.0	12.5			237.5				1930					50.8	4.2		
469+42	79.77' LT	I-270	WB-WF-065	GUIDE EXIT 7A 255 SOUTH MEMPHIS EXIT ONLY DIAGONAL ARROW		19.0	15.5			294.5				2099					55.2	4.2		
474+42	82.03' LT	I-270	WB-WF-087	GUIDE - EXIT 6 111 WOOD RIVER PONTOON BEACH EXIT 1 MILE		19.0	15.5			294.5				2099					55.2	4.2		
Total:						265	178	7235	209.8	255.5	23	67304	46.1	480.9	316.2	879.4	123.9					

MODEL NUMBER
FILE NAME: STS15

USER NAME = _USER_	DESIGNED - GDO	REVISED -
DRAWN - GDO	REVISED -	
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

SCALE: 2,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	398
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

EXISTING SIGNING SCHEDULE																				
STATION	OFFSET	ROADWAY	SIGN NAME	SIGN DESCRIPTION	Existing Structure Number	EXISTING PANEL DIMENSIONS		REMOVE SIGN PANEL TYPE 1	REMOVE SIGN PANEL TYPE 2	REMOVE SIGN PANEL TYPE 3	REMOVE SIGN ASSEMBLY TYPE A	REMOVE SIGN ASSEMBLY TYPE B	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION GROUND MOUNT	REMOVE CONCRETE FOUNDATION OVERHEAD	REMOVE OVERHEAD SIGN STRUCTURE-SPAN	REMOVE OVERHEAD SIGN STRUCTURE-CANTILIVER	REMOVE OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED	REMOVE OVERHEAD SIGN STRUCTURE-WALKWAY	
						WIDTH (FT)	HEIGHT (FT)	(SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EA)	(EA)	(EA)	(FT)		
17+43	2.7 RT	IL 111	SB-TS-EX03	R4-7 - SYMBOL KEEP RIGHT		2.0	2.5	5.0												
17+50	49.6 RT	IL 111	SB-PM-EX70	R2-1 45 MPH		3.0	4.0	12.0												
18+15	52.0' LT / 2.9' RT	IL 111	NB-TS-EX01	RS-1 DO NOT ENTER		3.0	3.0				18.0									
20+00	5.6' RT / 70.9' RT	IL 111	NB-TS-EX02	RS-1 DO NOT ENTER		3.0	3.0													
21+45	119.3' RT	IL 111	SB-TR-EX04A	GUIDE - I270 EAST EFFINGHAM NEXT RIGHT	8506051111.007.7	13.5	9.0			121.5					2.0	1				
			SB-TR-EX04B	GUIDE - I270 WEST ST CHARLES		17.0	8.0			136.0										
			SB-TR-EX04C	W13-3 - RAMP 40 MPH		3.0	4.0		12.0											
			SB-WP-EX06	USE PROHIBITED BY - BUCKLE UP		6.0	5.0			30.0										
			SB-WP-EX05A	M3-3 SOUTH		2.0	1.0													
			SB-WP-EX05B	M3-1 NORTH		2.0	1.0													
			SB-WP-EX05C	D8-4 - LOGO GREAT RIVER ROAD		2.0	2.0				16.4									
			SB-WP-EX05D	D8-4 - LOGO GREAT RIVER ROAD		2.0	2.0													
			SB-WP-EX05E	M6-3 - STRAIGHT ARROW		1.8	1.3													
			SB-WP-EX05F	M6-2 - DIAGONAL ARROW		1.8	1.3													
22+18	68.7' LT	IL 111	NB-WP-EX07A	RS-1 DO NOT ENTER		3.0	3.0				18.0									
			NB-WP-EX07B	R1-1 STOP		3.0	3.0													
22+71	62.2' LT	IL 111	NB-WP-EX08A	RS-1 DO NOT ENTER		3.0	3.0				15.8									
			NB-WP-EX08B	RS-1 - ONE WAY		4.5	1.5													
23+63	291.0' LT	IL 111	NB-WP-EX09	RS-1a WRONG WAY		3.5	2.5	8.8												
23+93	288.6' LT	IL 111	NB-WP-EX23	RS-1a WRONG WAY		3.5	2.5	8.8												
25+49	53.1' RT	IL 111	SR-WP-EX13	M4-2 SYMBOL - MERGE		4.0	4.0		16.0											
25+65	112.4' LT	IL 111	NB-WP-EX10	USE PROHIBITED BY - BUCKLE UP		6.0	5.0			30.0										
26+47	94.4' LT	IL 111	NB-PM-EX11	W13-3 - RAMP 25 MPH		3.0	4.0		12.0											
26+72	114.6' RT	IL 111	SB-PM-EX14	W3-5 - 45 MPH		4.0	4.0		16.0											
			NB-WP-EX12A	M3-1 NORTH		2.0	1.0													
			NB-WP-EX12B	D8-4 - LOGO GREAT RIVER ROAD		2.0	2.0				8.2									
			NB-WP-EX12C	M6-2 - DIAGONAL ARROW		1.8	1.3													
29+26	33.1' RT	IL 111	SB-PM-EX15	GUIDE - I270 EAST EFFINGHAM DIAGONAL ARROW	8806051111R007.4	11.0	5.5			90.5										1
30+77	33.7' LT	IL 111	NR-PM-EX21	GUIDE - I270 WEST ST CHARLES DIAGONAL ARROW	8806051111R07.4	16.0	7.5			120.0										1
31+36	82.0' LT	IL 111	NB-PM-EX18	W13-3 - RAMP 45 MPH		3.0	4.0		12.0											
31+49	5.3' LT	IL 111	NB-TS-EX19	W13-3 - RAMP 45 MPH		3.0	4.0		12.0											
32+03	68.3' RT	IL 111	SB-WP-EX25	USE PROHIBITED BY - BUCKLE UP		6.0	5.0			30.0										
33+56	137.0' LT	IL 111	NB-PM-EX26	W12-2 LOW CLEARANCE 14'-10" (WITH ARROWS)		4.0	4.0		16.0											
33+90	60.0' RT	IL 111	SB-PM-EX24	W13-3 - RAMP 26 MPH		3.0	3.0	9.0												
34+65	63.1' LT	IL 111	NB-WP-EX27	W4-2 SYMBOL - MERGE		2.0	3.0	9.0												
35+85	339.1' RT	IL 111	SB-TS-EX31	W1-8 CHEVERON		2.5	3.0	7.5												
36+52	266.1' RT	IL 111	SB-TS-EX32	W1-8 CHEVERON		2.5	3.0	7.5												
37+18	182.0' RT	IL 111	SB-TS-EX33	W1-8 CHEVERON		2.5	3.0	7.5												
37+51	62.3' RT	IL 111	SB-WP-EX28	W4-2 SYMBOL - MERGE		3.0	3.0	9.0												
37+92	120.1' RT	IL 111	SB-TS-EX34	W1-8 CHEVERON		2.5	3.0	7.5												
			NB-WP-EX29A	M3-1 NORTH		2.0	1.0													
			NB-WP-EX29B	D8-4 - LOGO GREAT RIVER ROAD		2.0	2.0				13.2									
			NB-WP-EX29C	M6-3 - STRAIGHT ARROW		1.8	1.3													
			NB-WP-EX29D	R9-3a NO PARKING		2.0	2.5													
39+20	126.1' LT	IL 111	NB-WP-EX30	USE PROHIBITED BY - BUCKLE UP		6.0	5.0			30.0										
			NB-TR-EX08A	GUIDE - I270 WEST ST CHARLES NEXT RIGHT		14.0	9.0			126.0										
41+30	7.2' LT / 77.2' LT	IL 111	NB-TR-EX08B	GUIDE - I270 EAST EFFINGHAM DIAGONAL ARROW	8506051111R007.2	17.0	8.0			136.0				2.0	1					
			NB-TR-EX08C	W13-3 - RAMP 50 MPH		3.0	4.0		12.0											
			EB-TR-EX09A	GUIDE - EXIT 6A		9.0	2.5		22.5											
			EB-TR-EX08B	GUIDE - IL 111 WOOD RIVER PONTOON BEACH 1 1/2 MILES	85060270R004.4	15.5	10.5			162.8				2.0	1					
			EB-TR-EX08C	GUIDE - I270 EAST INDIANAPOLIS		16.0	7.0			106.0										
			EB-TR-EX08D	GUIDE - IL 203 SOUTH GRANITE CITY DIAGONAL ARROW		17.5	6.5			113.8										
352+00	87.2' RT	I270	EB-WF-EX54	SERVICE - LODGING EXIT 6		12.0	13.5			162.0		1.0	2.0							
360+50	85.9' RT	I270	EB-WF-EX55	SERVICE - FOOD EXIT 6		12.0	13.5			162.0		1.0	2.0							
			EB-WF-EX56A	GUIDE - EXIT 6A		7.5	2.5													
367+50	85.2' RT	I270	EB-WF-EX56B	GUIDE - IL 111 GREAT RIVER ROAD LOGO SOUTH PONTOON BEACH NEXT RIGHT		23.5	11.0			277.3		1.0	3.0							
375+50	89.3' RT	I270	EB-WF-EX57A	SERVICE - GAS-EXITS 6A 6B		16.0	11.0			330.0		1.0	2.0							
			EB-WF-EX57B	SERVICE - FOOD-EXITS 6A 6B		15.0	11.0													
			EB-TR-EX58A	GUIDE - EXIT 6B		9.0	2.5		22.5											
			EB-TR-EX58B	GUIDE - IL 111 NORTH WOOD RIVER NEXT RIGHT		17.5	11.0			192.5										
			EB-TR-EX58C	GUIDE - EXIT 6A		9.0	2.5		22.5											
			EB-TR-EX58D	GUIDE - IL 111 GREAT RIVER ROAD SOUTH DIAGONAL ARROW PONTOON BEACH	85060270R005.6	28.0	8.5			238.0				2.0	1					
			EB-TR-EX58E	W13-3 - RAMP 50 MPH		3.0	4.0		12.0											
393+70	72.9' LT	I270	WB-WP-EX36	W4-2 SYMBOL - MERGE		4.0	4.0		16.0											
395+59	278.0' LT	I270	WB-TS-EX39	W1-8 CHEVERON		2.5	3.0	7.5												
395+77	378.6' LT	I270	WB-TS-EX40	W1-8 CHEVERON		2.5	3.0	7.5												
395+85	177.6' LT	I270	WB-TS-EX38	W1-8 CHEVERON		2.5	3.0	7.5												
395+98	71.0' RT	I270	EB-WP-EX35	W4-2 SYMBOL - MERGE		4.0	4.0	16.0												
396+31	484.2' LT	I270	WB-TS-EX41	W1-8 CHEVERON		2.5	3.0	7.5												
396+54	101.2' LT	I270	WB-TS-EX37	W1-8 CHEVERON		2.5	3.0	7.5												
397+12	527.9' LT	I270	WB-TS-EX42	W1-8 CHEVERON		2.5	3.0	7.5												
397+50	97.7' LT	I270	WB-TS-EX17	R9-3a NO PARKING		3.0	3.0	9.0												
			WB-TR-EX16A	E1-5P - EXIT 6A		7.5	2.5		18.8											
399+20	85.0' LT	I270	WB-TR-EX16B	GUIDE - IL 111 LOGO GREAT RIVER ROAD SOUTH PONTOON BEACH	80060270L005.9	23.5	8.0			188.0				2.0			1			
			WB-TR-EX16C	W3-5 - 25 MPH		4.0	4.0		16.0											
			NB-WP-EX22A	W12-2 LOW CLEARANCE 14'-10" (WITH ARROWS)		4.0	4.0		16.0											
			NB-WP-EX22B																	

EXISTING SIGNING SCHEDULE																			
STATION	OFFSET	ROADWAY	SIGN NAME	SIGN DESCRIPTION	Existing Structure Number	EXISTING PANEL DIMENSIONS		REMOVE SIGN PANEL TYPE 1 (SQ FT)	REMOVE SIGN PANEL TYPE 2 (SQ FT)	REMOVE SIGN PANEL TYPE 3 (SQ FT)	REMOVE SIGN ASSEMBLY TYPE A (EACH)	REMOVE SIGN ASSEMBLY TYPE B (EACH)	REMOVE GROUND MOUNTED SIGN SUPPORT (EACH)	REMOVE CONCRETE FOUNDATION-GROUND MOUNT (EACH)	REMOVE CONCRETE FOUNDATION-OVERHEAD (EACH)	REMOVE OVERHEAD SIGN STRUCTURE-SPAN (EA)	REMOVE OVERHEAD SIGN STRUCTURE-CANTILIVER (EA)	REMOVE OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED (EA)	REMOVE OVERHEAD SIGN STRUCTURE-WALKWAY (FT)
						WIDTH (FT)	HEIGHT (FT)												
422+50	100.4' LT	I-270	WB-WF-EX60A	SERVICE - GAS EXITS 6A 6B		15.0	11.0					330.0	1.0	2.0					
			WB-WF-EX60B	SERVICE - FOOD EXITS 6A 6B		15.0	11.0												
427+02	103.9' LT	I-270	WB-WF-EX61	SERVICE - FOOD EXITS 6A 6B		2.5	2.0	5.0											
428+68	94.5' LT	I-270	WB-CL-EX62	GUIDE - EXIT 6B IL 111 PONTOON BEACH WOOD RIVER EXIT ONLY DOWN ARROW	8C060I270L006.4	16.0	16.0			256.0				2.0			1		
433+30	96.2' LT	I-270	WB-WF-EX63	SERVICE - FOOD EXITS 6A 6B		12.0	13.5			162.0			1.0	2.0					
438+50	119.9' LT	I-270	WB-WF-EX64	SERVICE - LODGING EXITS 6B 6A		12.0	13.5			162.0			1.0	2.0					
450+00	93.4' LT	I-270	WB-WF-EX65	GUIDE - GREAT RIVER ROAD LOGO GREAT RIVER ROAD SOUTH EXIT 6A NORTH EXIT 3B		17.0	13.5			229.5			1.0	2.0					
			WB-WF-EX66A	GUIDE - EXIT 6B		9.0	3.5												
458+00	94.3' LT	I-270	WB-WF-EX66B	GUIDE - IL 111 NORTH WOOD RIVER NEXT RIGHT		18.0	11.0				229.5		1.0	2.0					
			WB-TR-EX67A	GUIDE - 6B-A IL 111 WOOD RIVER PONTOON BEACH 1 MILE		23.0	17.0			391.0									
469+25	87.9' LT / 3.2' LT	I-270	WB-TR-EX67B	GUIDE - EXIT 7A I-255 SOUTH MEMPHIS DIAGONAL ARROW	8S060I270L007.2	14.0	15.0			210.0				2.0					32.5
Total:						196	380	4242	8	1273	9	19	16	5	2	2	2	32.5	

SIGN LIGHTING REMOVAL							
SIGN LOCATION	STATION	STRUCTURE	REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE		ABANDON CONDUIT IN PLACE	CONDUIT SPLICE	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6
			EA	FT			
I270 EB	387+46	8S060I270R005.6	0	320	0	1	930
I270 EB	404+40	8S060I270R005.9	2	0	1	0	0
I270 EB	326+67	8S06I270R004.4	4	467	0	1	1461
IL111 NB	41+30	8S060S111R007.2	0	380	0	1	1050
IL111 SB	20+00	8S060S111L007.7	0	205	0	1	675
I27C WB	414+50	8S060I270L006.1	0	350	0	1	1050
I27C WB	399+20	8C060I270L005.9	0	0	1	0	0
I27C WB	469+25	8S060I270L007.2	0	0	1	0	0
Totals			6	1722	3	5	5166

MODEL NUMBER
FILE NAME: 27015

USER NAME = _USER_	DESIGNED - GDO	REVISED -
	DRAWN - GDO	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN SCHEDULE

SCALE: 2,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	400
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	