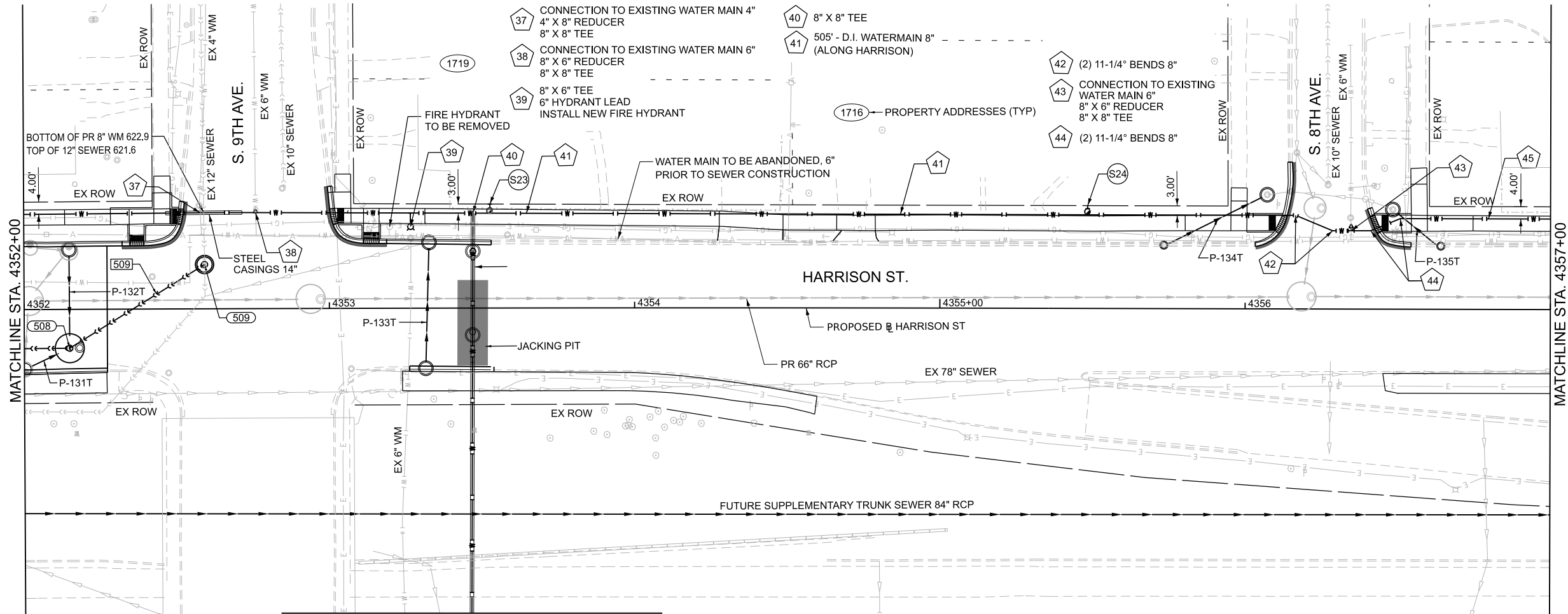
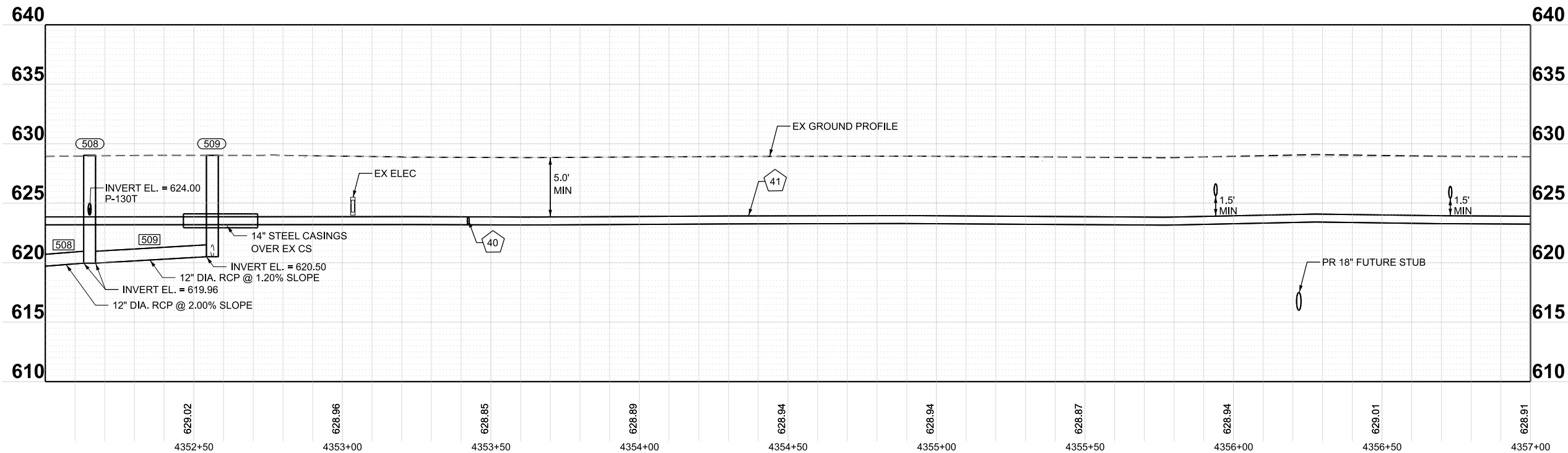


UTILITY LEGEND	
	PR WATERMAIN, AND PR WATERMAIN FITTINGS
	PROPOSED COMBINED SEWER PIPES *
	PROPOSED COMBINED SEWER STRUCTURES *
	PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
	PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
* SEE UTILITY SCHEDULES	

NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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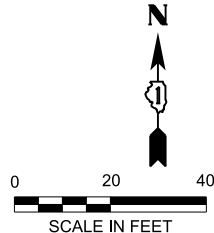
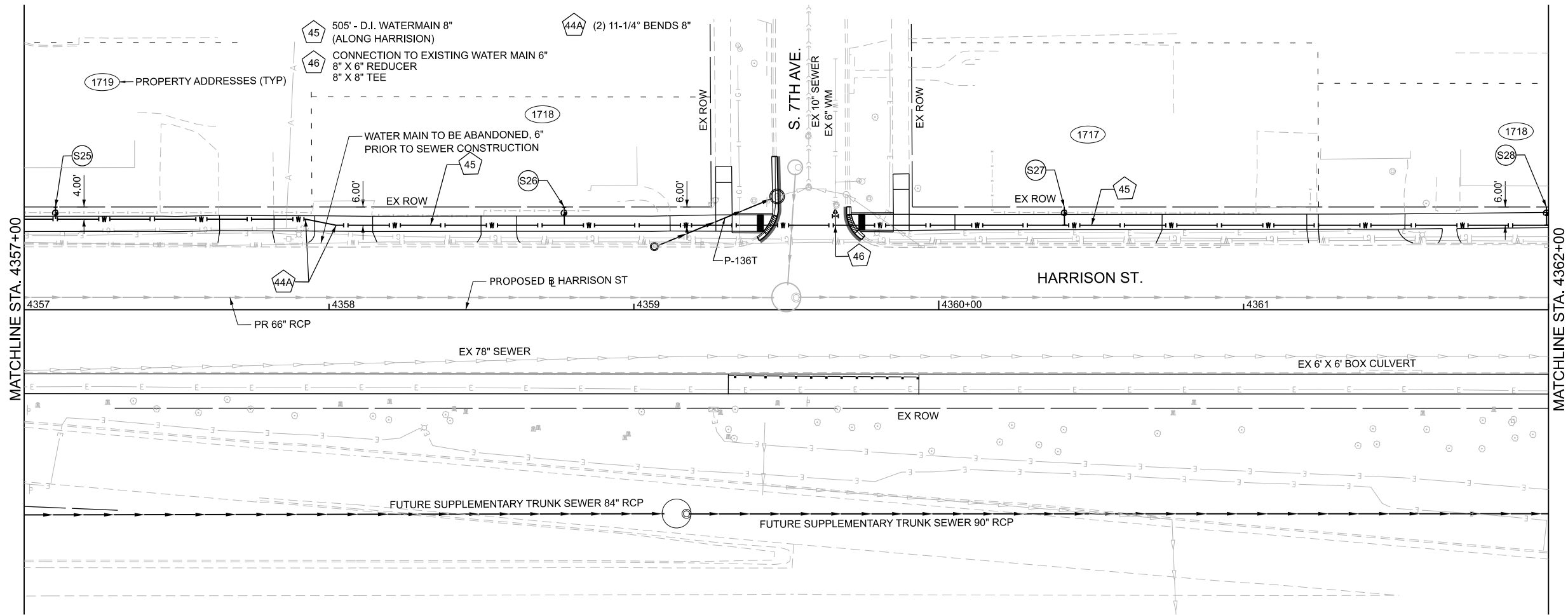
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PLOT DATE =	7/24/2026	DATE -	06/23/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN & PROFILE - HARRISON STREET
I-290 FROM 22ND AVE TO DES PLAINES RIVER

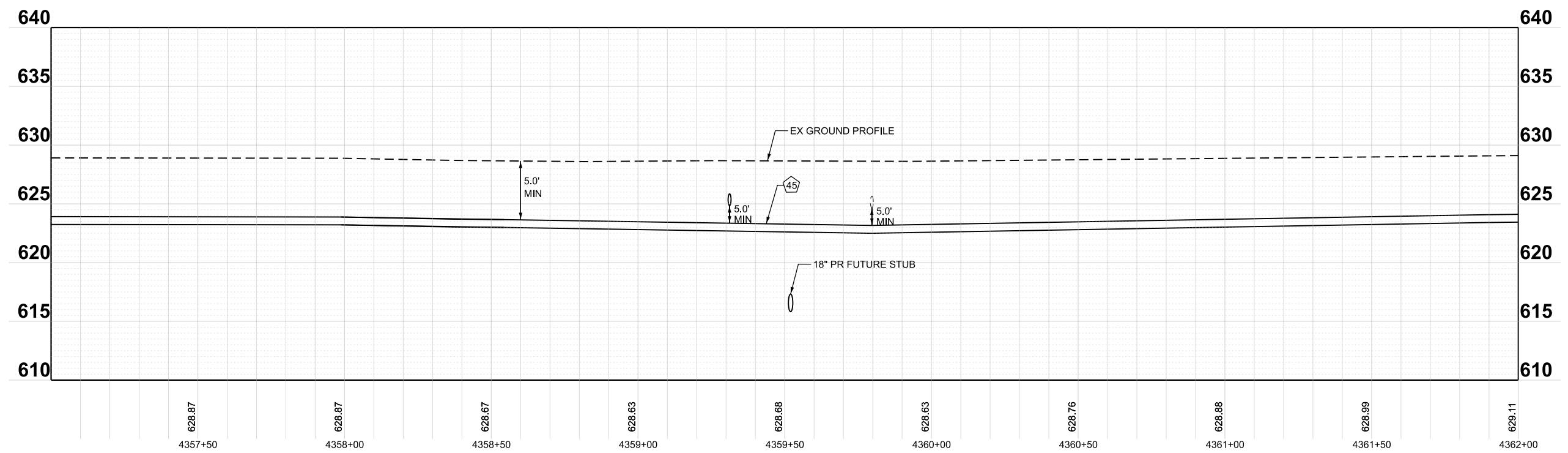
SCALE: 1"=20' SHEET 9 OF 14 SHEETS STA. 4352+00 TO STA. 4357+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	201
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



- UTILITY LEGEND**
- XX PR WATERMAIN, AND PR WATERMAIN FITTINGS
 - XXX PROPOSED COMBINED SEWER PIPES *
 - XXX PROPOSED COMBINED SEWER STRUCTURES *
 - XX PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
 - DX PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
- * SEE UTILITY SCHEDULES

- NOTES:**
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
 2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
 3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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Bowman 10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-554-0360 www.bowman.com	USER NAME = kcsM-bowpw21\$		DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLAN & PROFILE - HARRISON STREET I-290 FROM 22ND AVE TO DES PLAINES RIVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JRD		REVIS	ED						290	2024-991-DR	COOK	464	202
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	PLOT DATE = 7/24/2026		DATE - 06/23/2026	REVISED -						ILLINOIS FED. AID PROJECT 6W/LW(875)				
			SCALE: 1"=20' SHEET 10 OF 14 SHEETS STA. 4357+00 TO STA. 4362+00											

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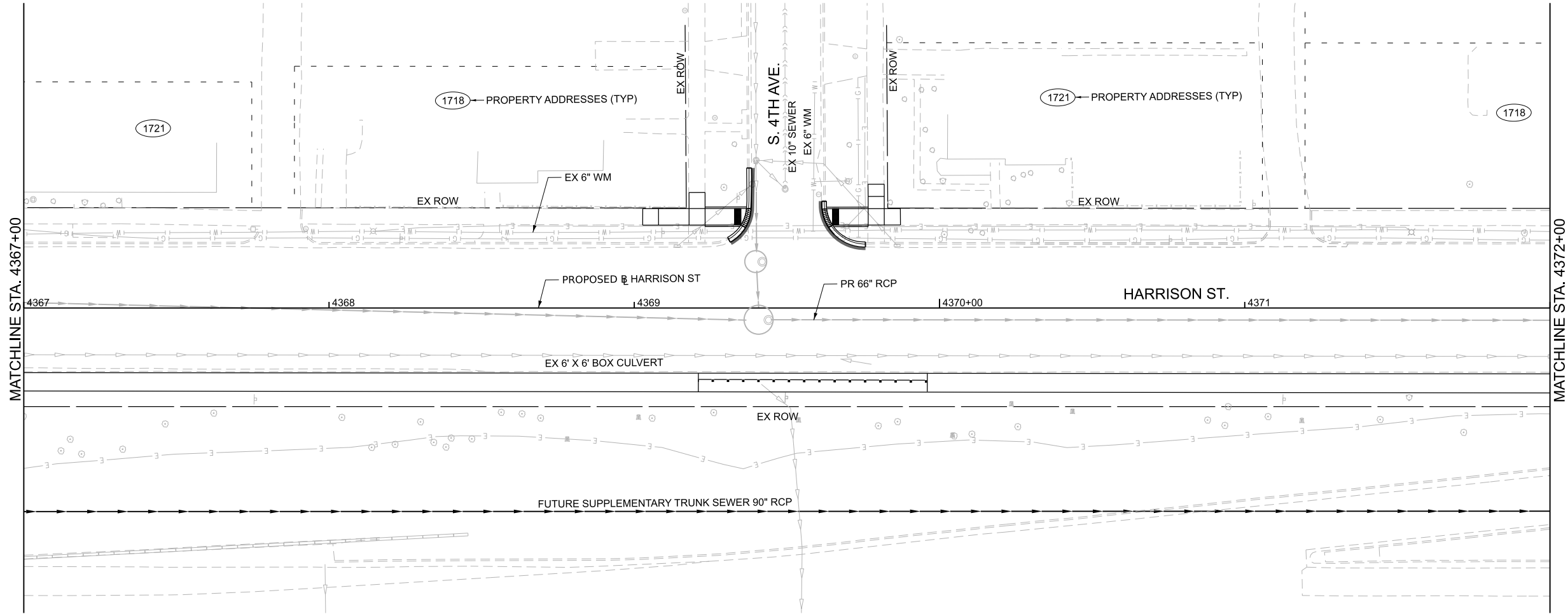
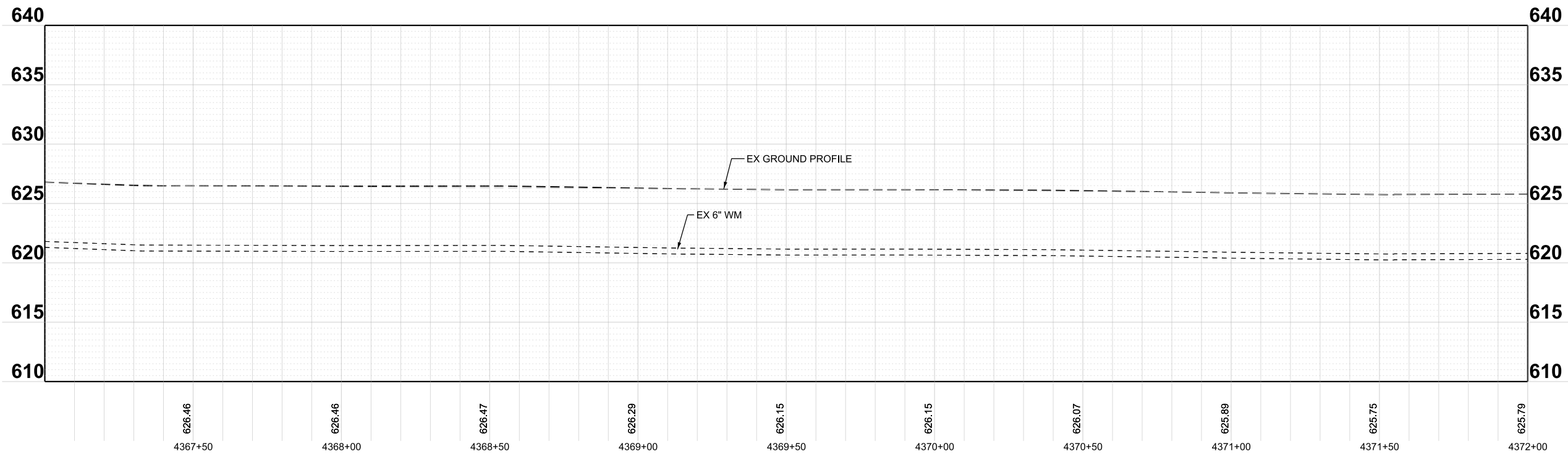
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PLOT DATE =	6/22/2026	DATE -	06/23/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN & PROFILE - HARRISON STREET
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 12 OF 14 SHEETS STA. 4367+00 TO STA. 4372+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	204
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

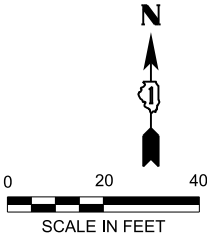


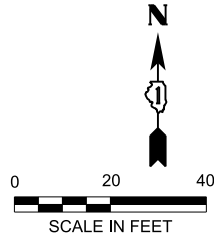
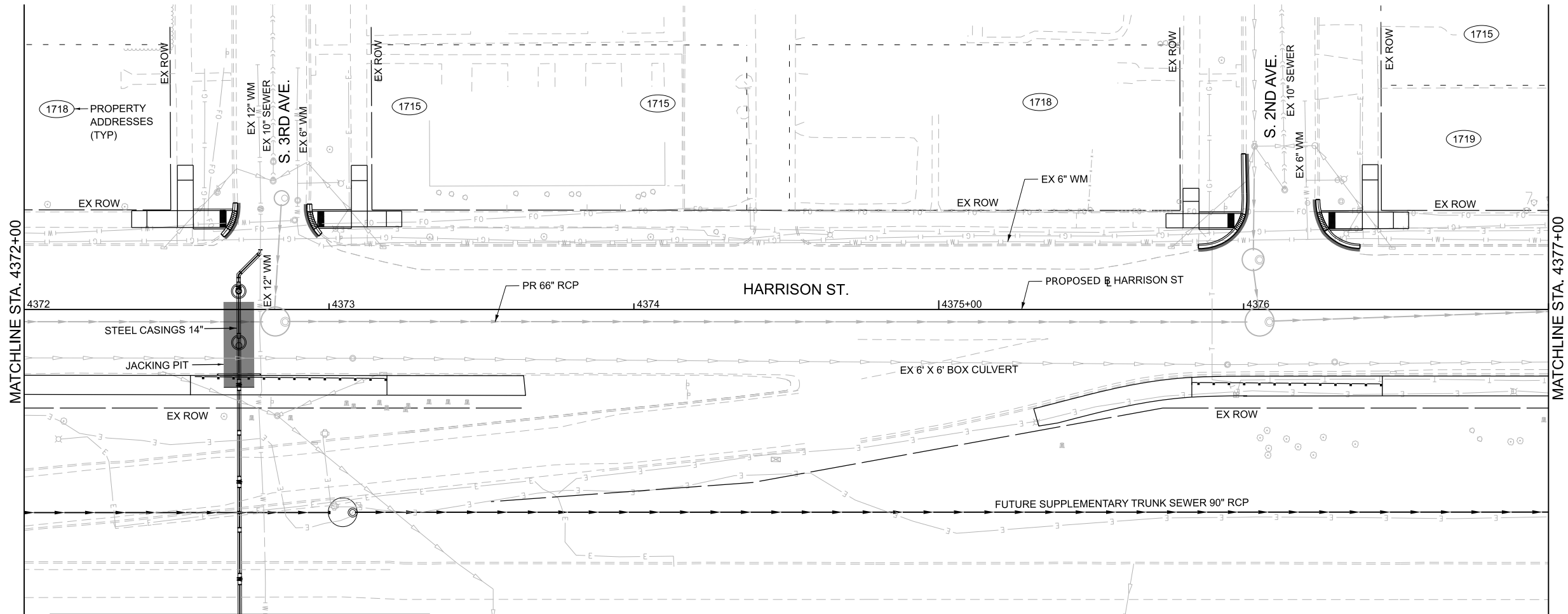
- NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.

UTILITY LEGEND

- PR WATERMAIN, AND PR WATERMAIN FITTINGS
- PROPOSED COMBINED SEWER PIPES *
- PROPOSED COMBINED SEWER STRUCTURES *
- PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
- PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)

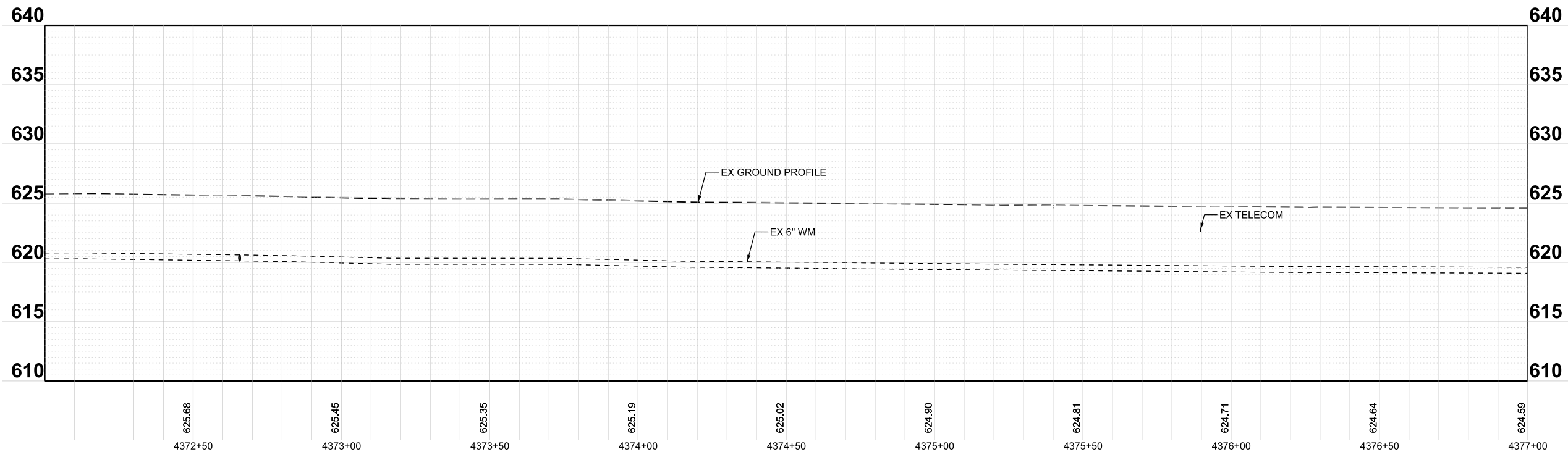
* SEE UTILITY SCHEDULES





- UTILITY LEGEND
- PR WATERMAIN, AND PR WATERMAIN FITTINGS
 - PROPOSED COMBINED SEWER PIPES *
 - PROPOSED COMBINED SEWER STRUCTURES *
 - PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
 - PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
- * SEE UTILITY SCHEDULES

- NOTES:
- SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
 - SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
 - COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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USER NAME	=	ksM-bowpw21\$
DRAWN	-	JRD
PLOT SCALE	=	0.16666667' / in.
PLOT DATE	=	6/22/2026

DESIGNED	-	JWM
CHECKED	-	MBL
DATE	-	06/23/2026

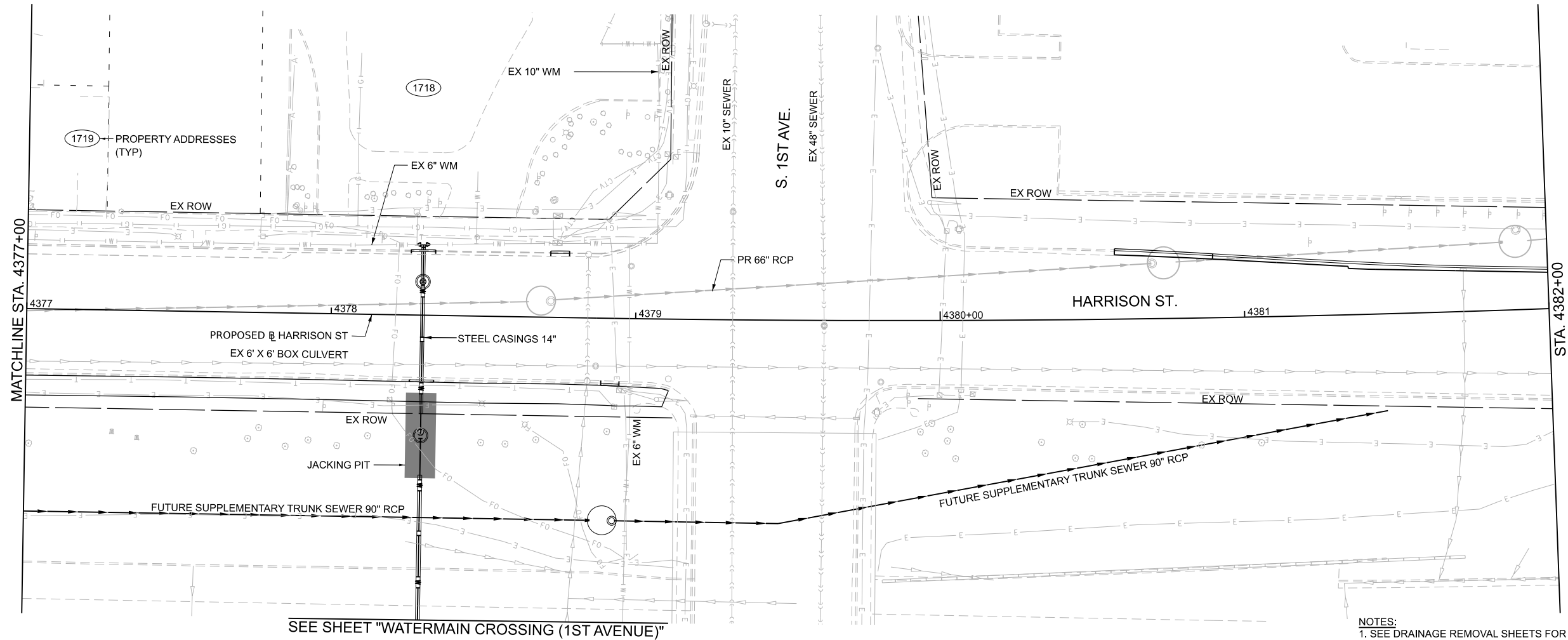
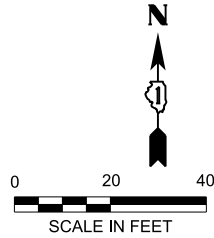
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN & PROFILE - HARRISON STREET
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 13 OF 14 SHEETS STA. 4372+00 TO STA. 4377+00

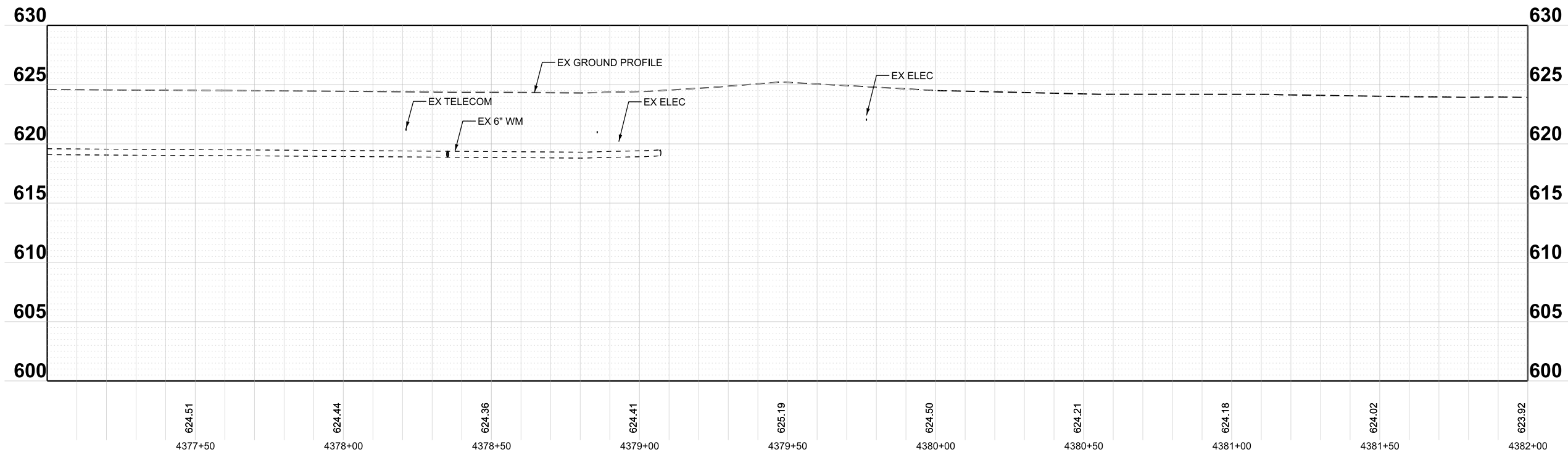
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	205
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



- UTILITY LEGEND
- PR WATERMAIN, AND PR WATERMAIN FITTINGS
 - PROPOSED COMBINED SEWER PIPES *
 - PROPOSED COMBINED SEWER STRUCTURES *
 - PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
 - PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
- * SEE UTILITY SCHEDULES

NOTES:

- SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
- SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
- COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY PLAN & PROFILE - HARRISON STREET
I-290 FROM 22ND AVE TO DES PLAINES RIVER

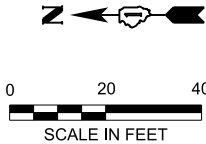
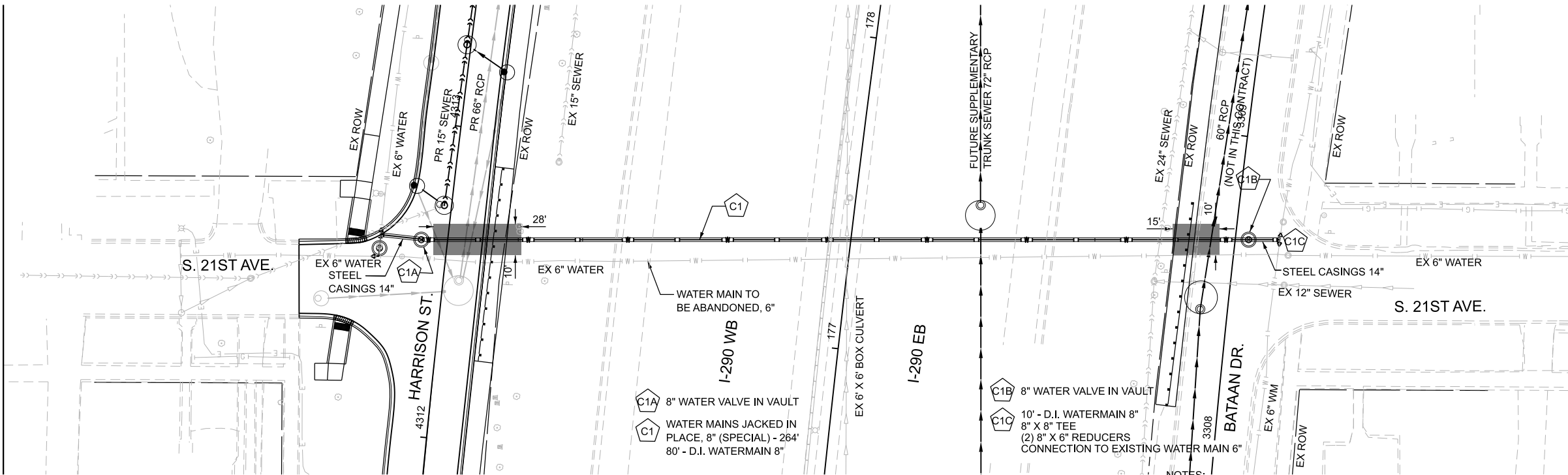
SCALE: 1"=20' SHEET 14 OF 14 SHEETS STA. 4377+00 TO STA. 4382+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	206
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

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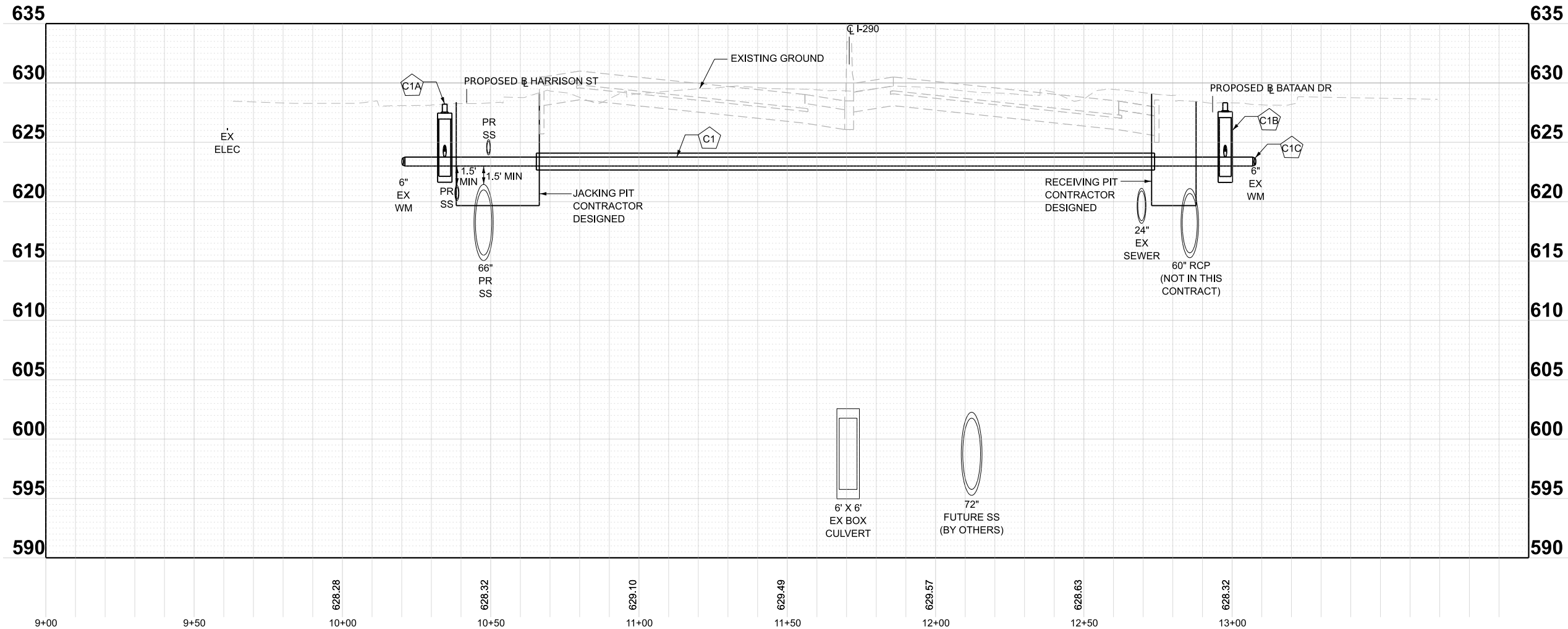
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DRAWN -	JRD	REVISIED -			
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PLOT DATE =	6/22/2026	DATE -	06/23/2026	REVISED -	



- UTILITY LEGEND**
- PR WATERMAIN, AND PR WATERMAIN FITTINGS
 - PROPOSED COMBINED SEWER PIPES *
 - PROPOSED COMBINED SEWER STRUCTURES *
 - PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
 - PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
- * SEE UTILITY SCHEDULES

- NOTES:**
- SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
 - SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
 - COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN CROSSING (21ST AVENUE)
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 1 OF 11 SHEETS STA. TO STA.

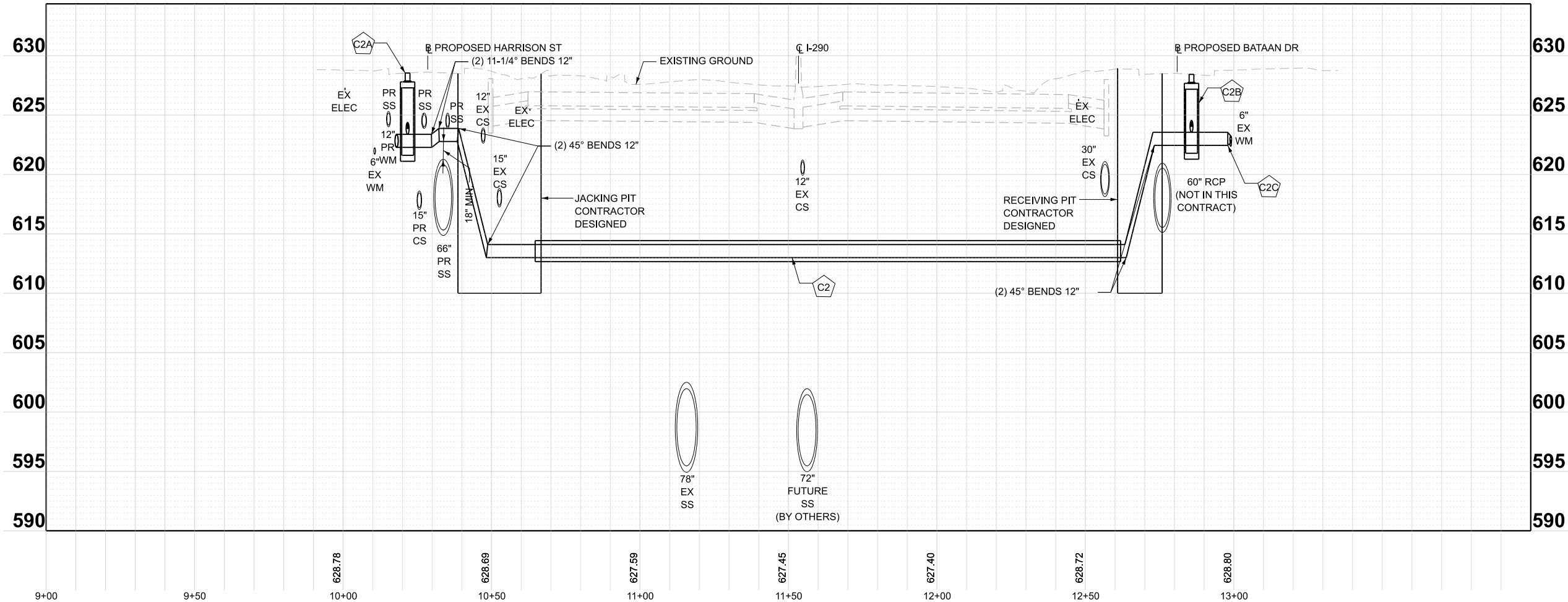
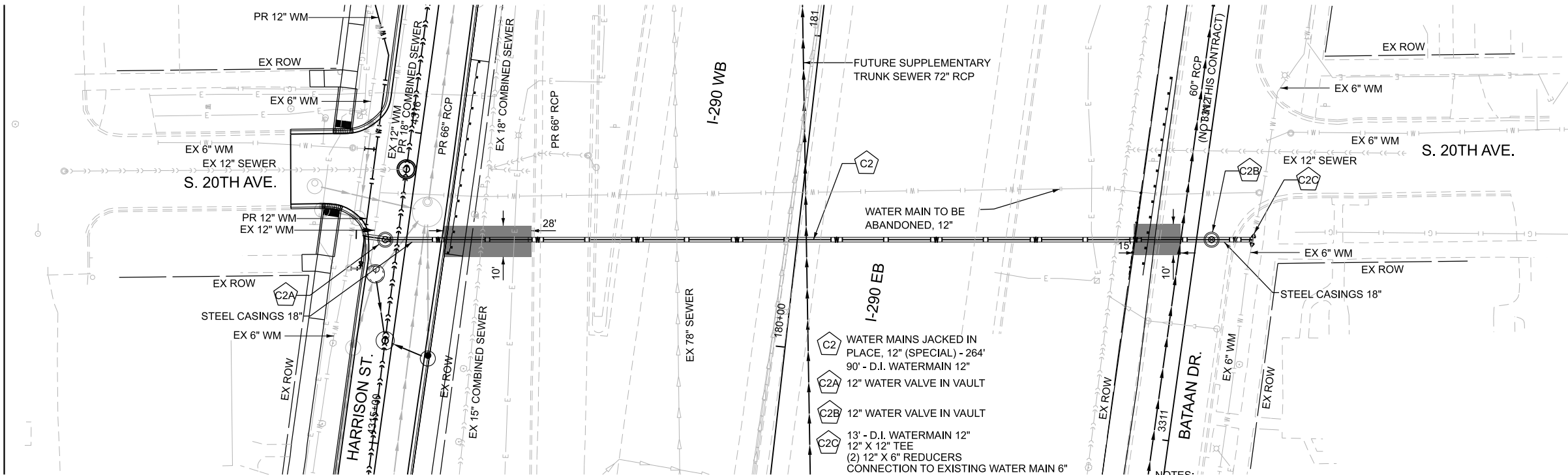
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290	2024-991-DR	COOK	464	207
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

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Bowman

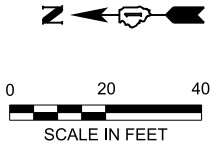
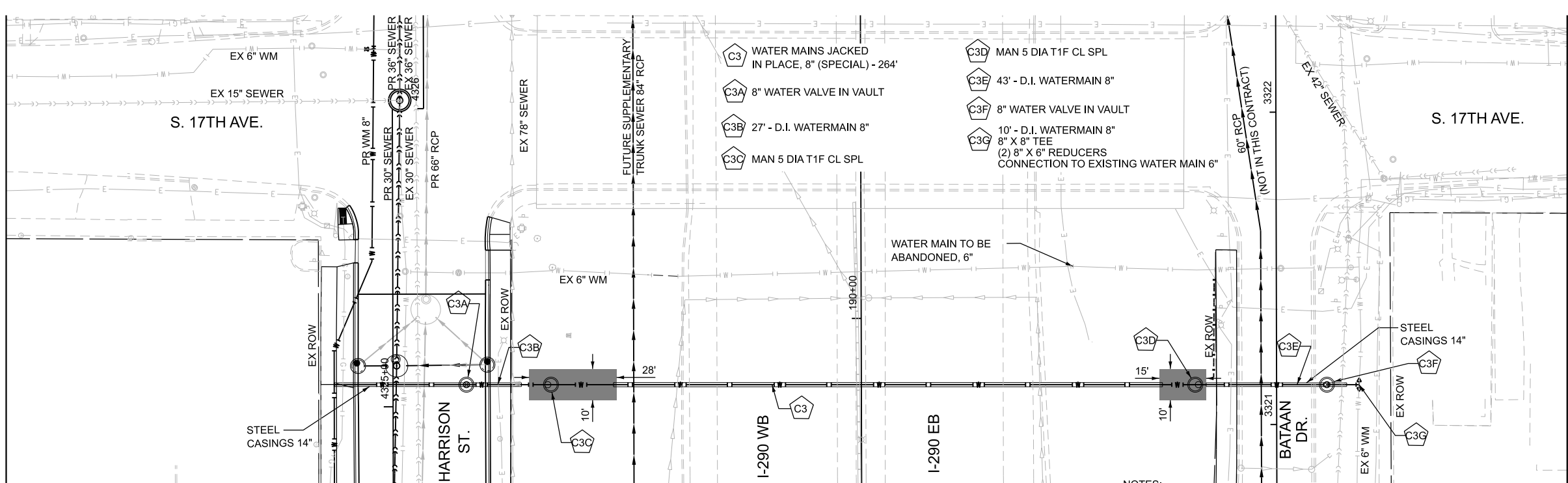
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PLOT DATE =	7/24/2026	DATE -	06/23/2026	REVISED -	



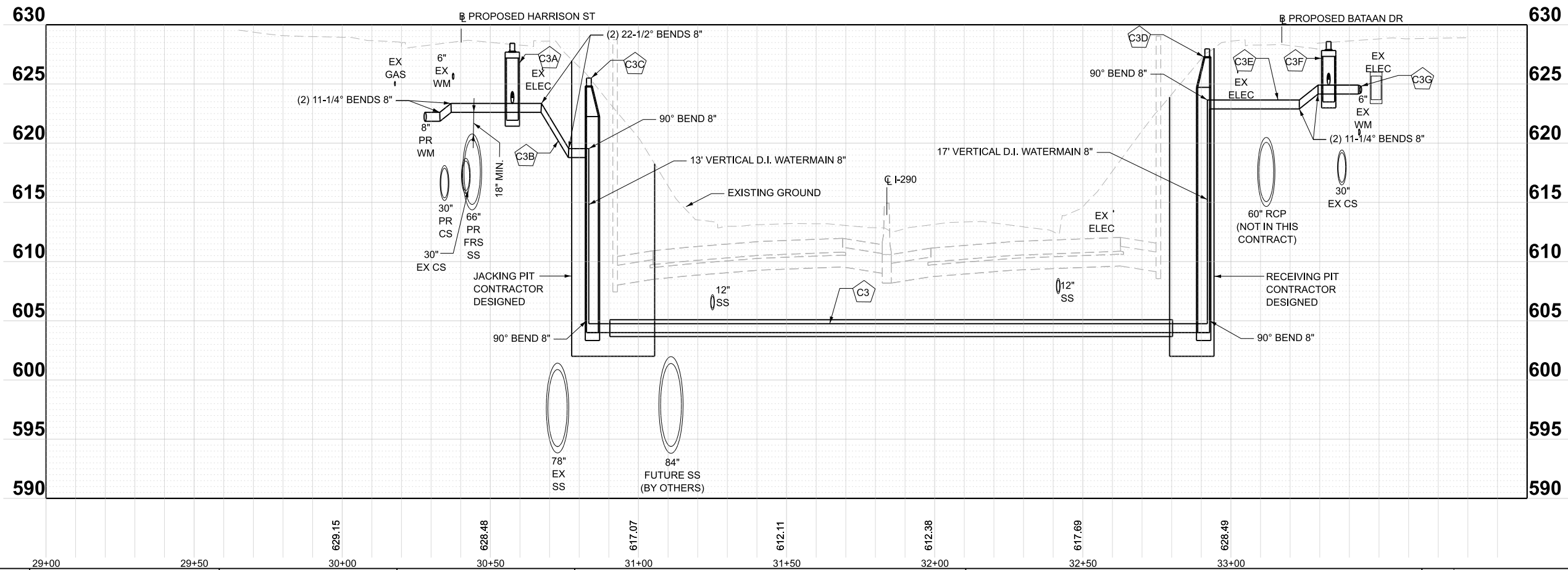
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	DRAWN - JRD			REVIS	REVIS		SCALE: 1"=20'			290	2024-991-DR	COOK	464	208
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	PLOT DATE = 7/24/2026			DATE - 06/23/2026	REVISED -		TO STA.			ILLINOIS FED. AID PROJECT 6W/LW(875)				



UTILITY LEGEND	
	PR WATERMAIN, AND PR WATERMAIN FITTINGS
	PROPOSED COMBINED SEWER PIPES *
	PROPOSED COMBINED SEWER STRUCTURES *
	PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
	PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
* SEE UTILITY SCHEDULES	

NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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PLOT DATE =	6/22/2026	DATE -	06/23/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

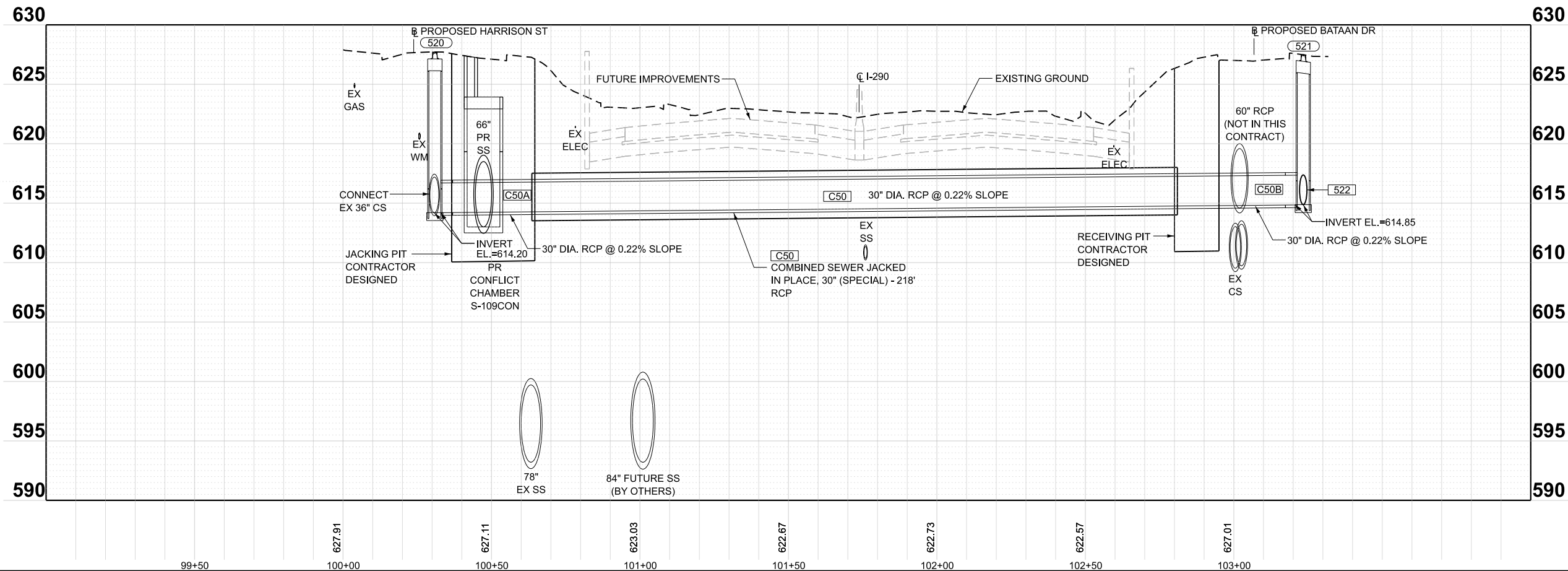
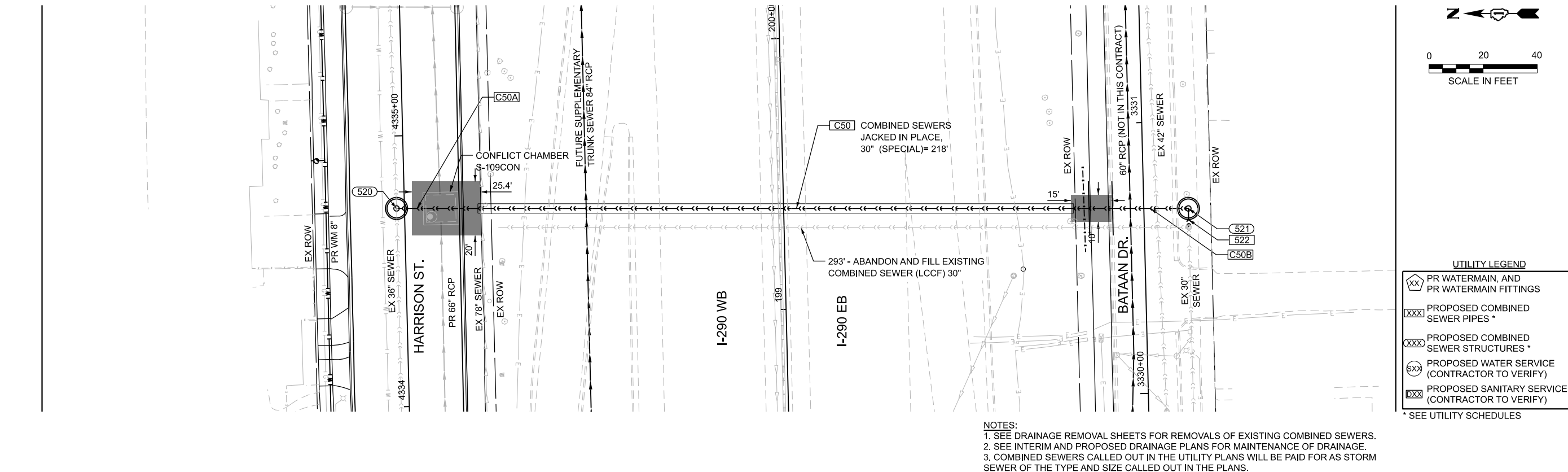
WATERMAIN CROSSING (17TH AVENUE)
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	209
CONTRACT NO. 62X09				

ILLINOIS FED. AID PROJECT 6W/LW(875)

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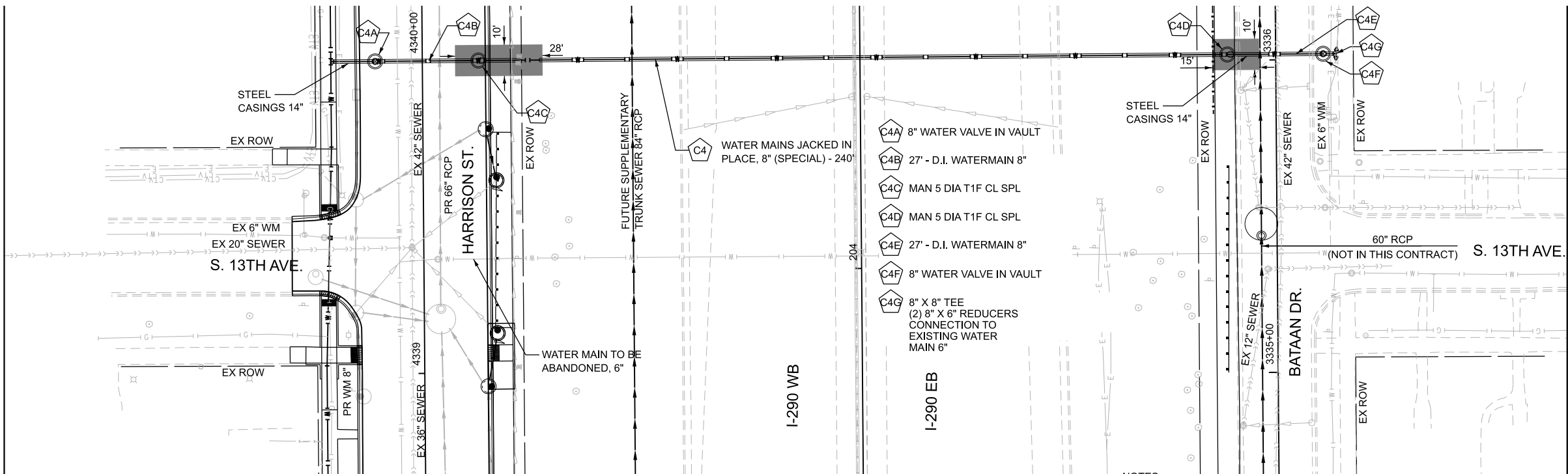
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

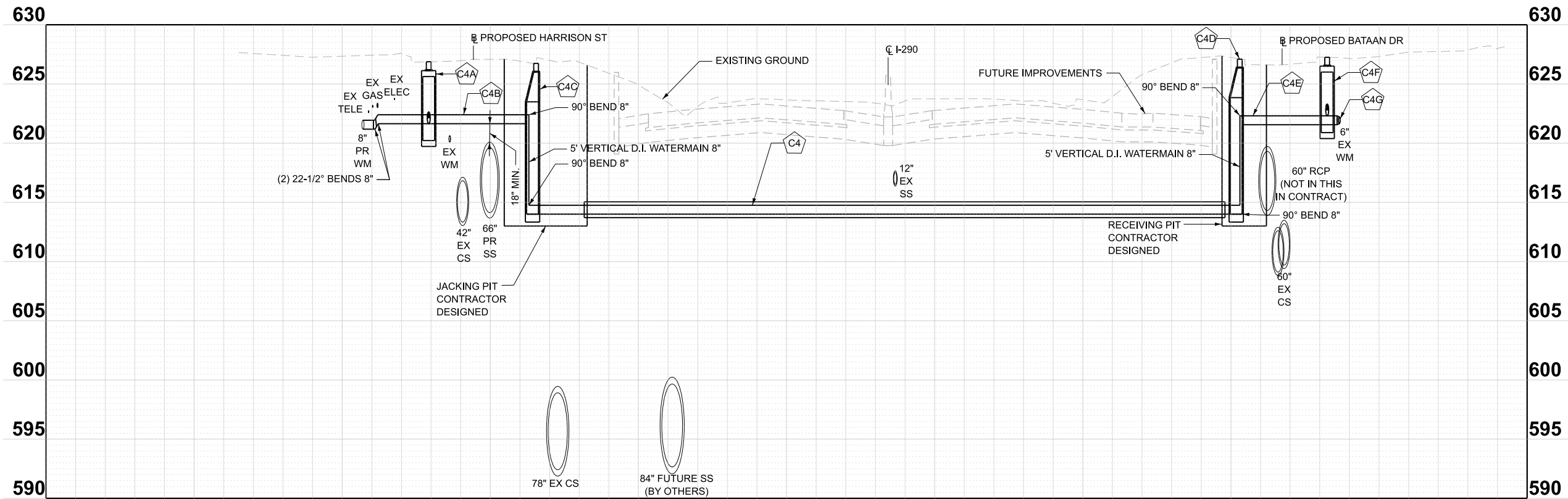
COMBINED SEWER CROSSING (B/T 14TH AND 15TH)
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	210
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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PLOT DATE	=	6/22/2026

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DATE	-	06/23/2026

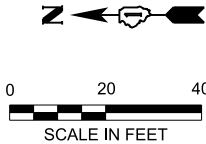
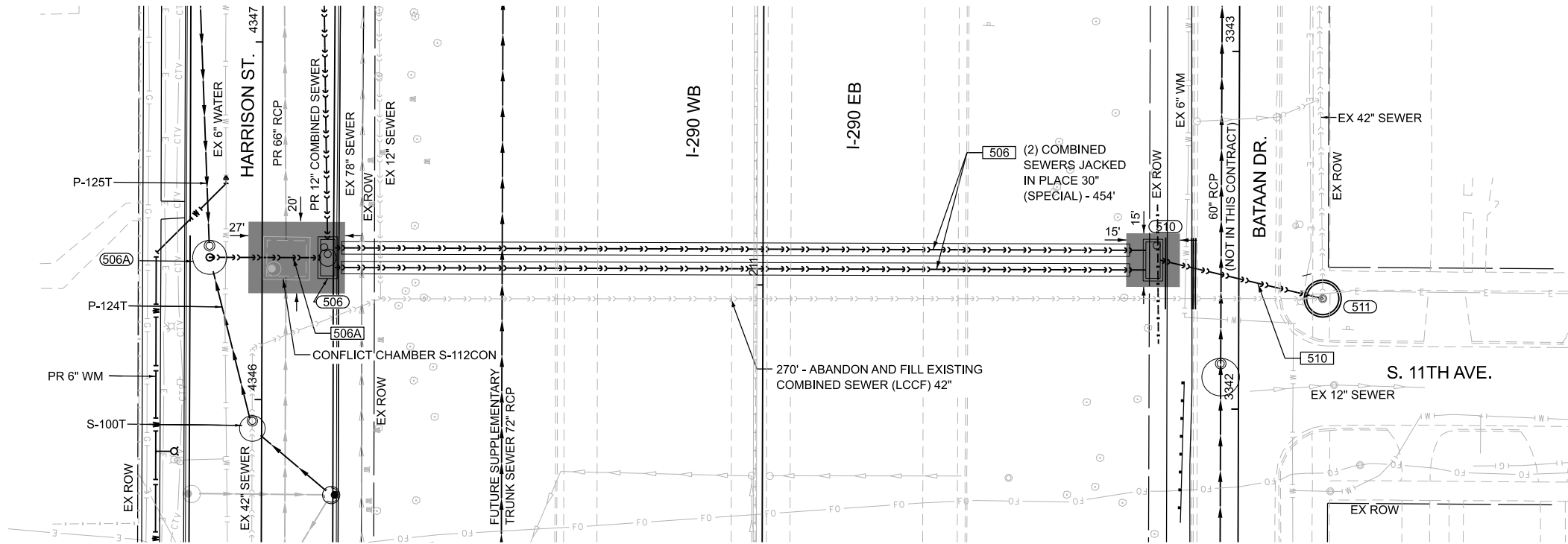
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN CROSSING (13TH AVENUE)
I-290 FROM 22ND AVE TO DES PLAINES RIVER

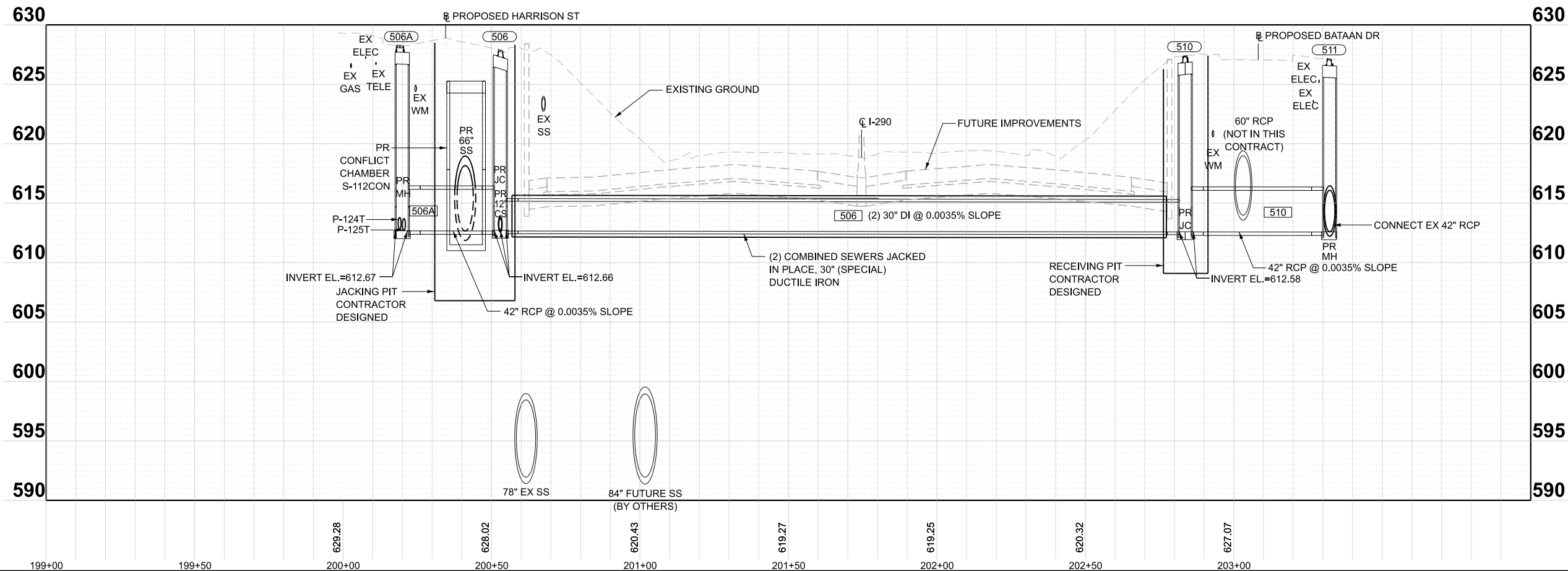
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	211
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



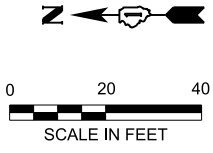
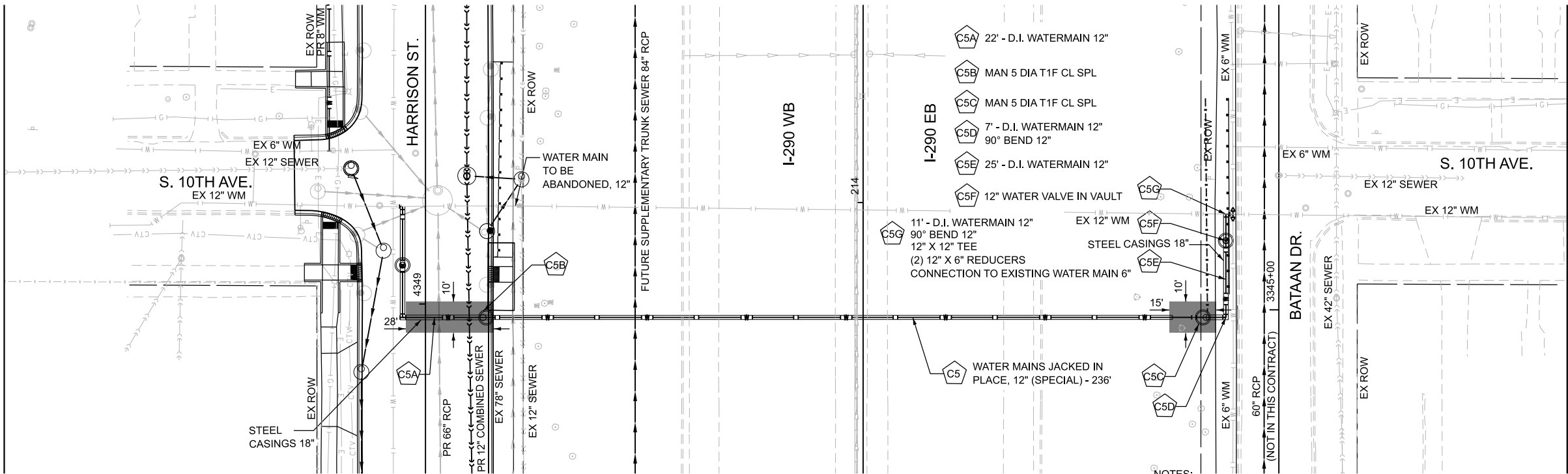
UTILITY LEGEND	
	PR WATERMAIN, AND PR WATERMAIN FITTINGS
	PROPOSED COMBINED SEWER PIPES *
	PROPOSED COMBINED SEWER STRUCTURES *
	PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
	PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
* SEE UTILITY SCHEDULES	

NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



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		DATE - 06/23/2026	REVISED -						ILLINOIS FED. AID PROJECT 6W/LW(875)				

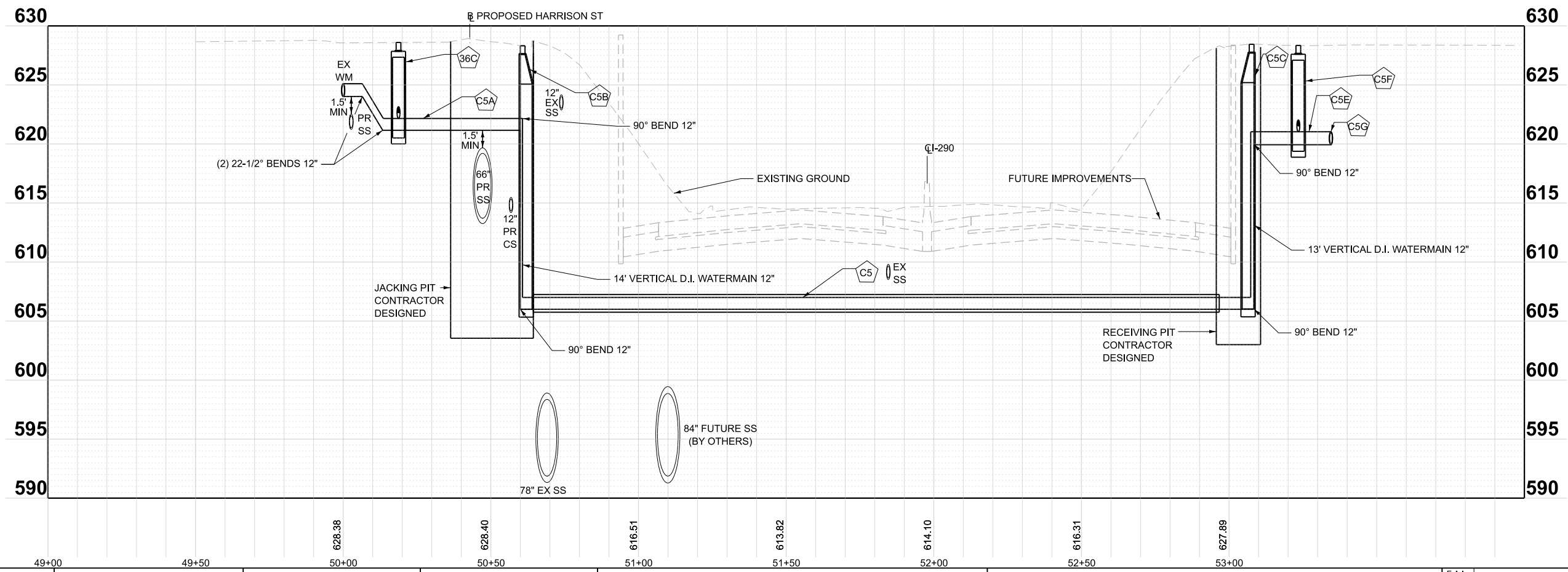


UTILITY LEGEND

- PR WATERMAIN, AND PR WATERMAIN FITTINGS
- PROPOSED COMBINED SEWER PIPES *
- PROPOSED COMBINED SEWER STRUCTURES *
- PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
- PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)

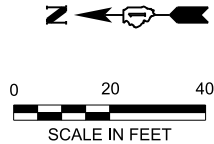
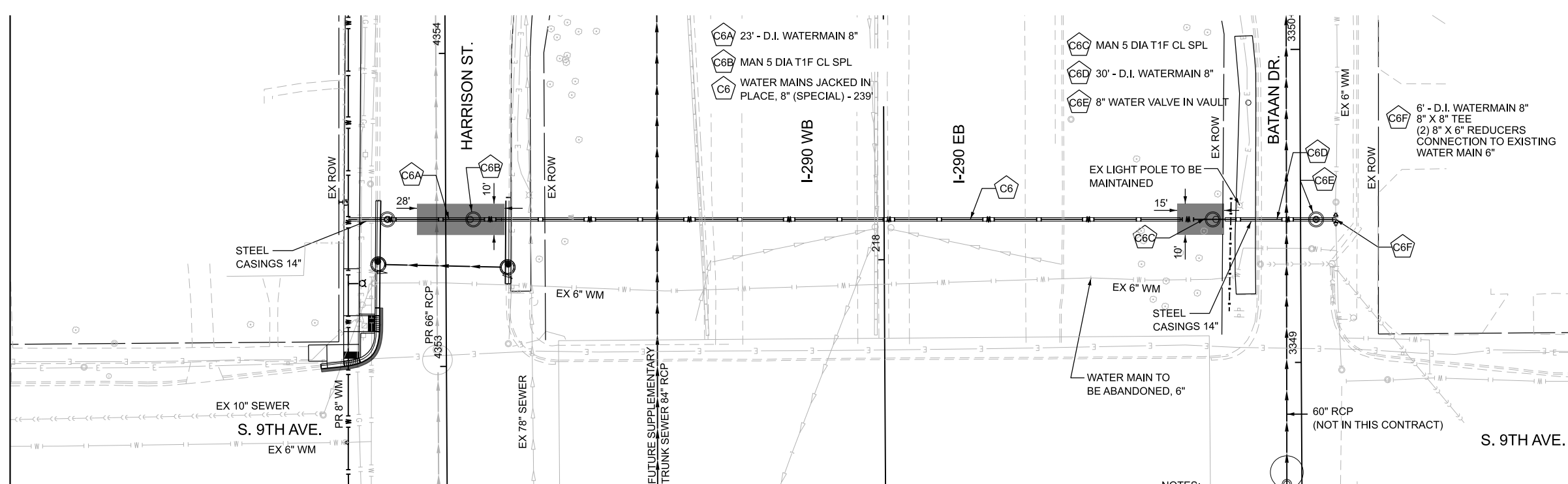
* SEE UTILITY SCHEDULES

- NOTES:**
- SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
 - SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
 - COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



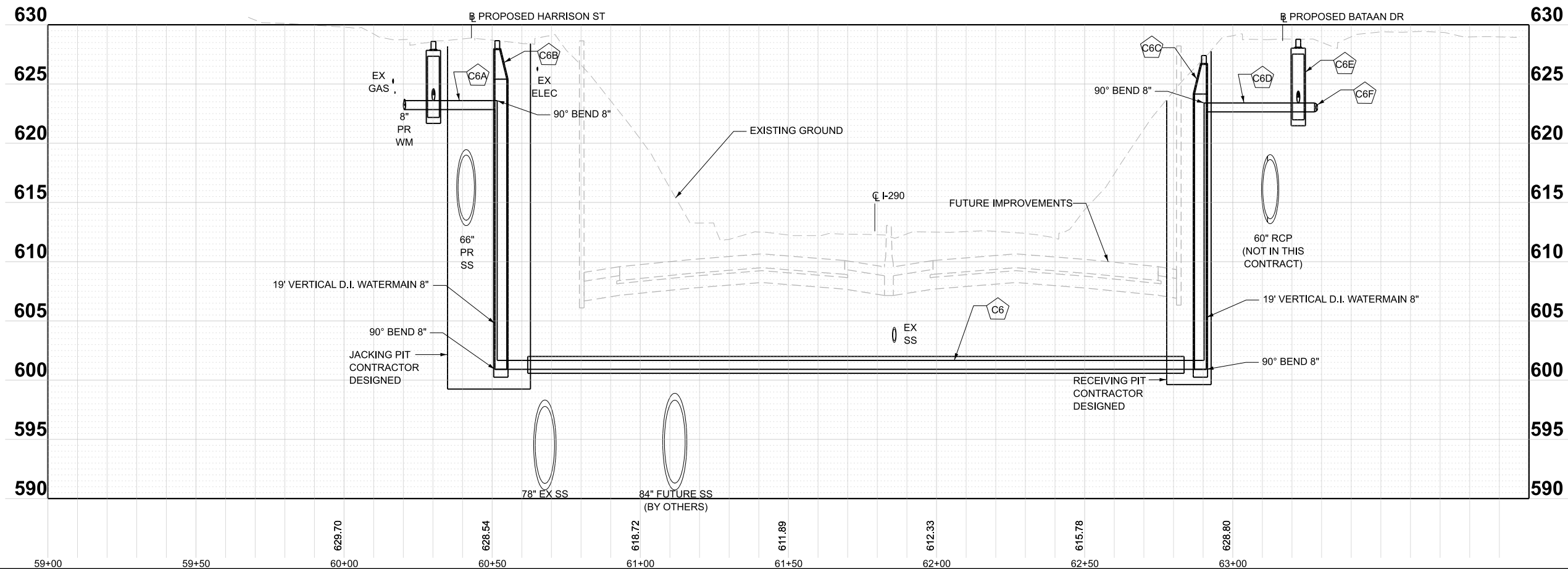
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Bowman 10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-454-0360 www.bowman.com	USER NAME = icsM-bowpw21\$		DESIGNED - JWM		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATERMAIN CROSSING (10TH AVENUE) I-290 FROM 22ND AVE TO DES PLAINES RIVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JRD		REVISED -		REVISED -			290	2024-991-DR	COOK	464	213				
	PLOT SCALE = 0.16666667' / in.		CHECKED - MBL		REVISED -			CONTRACT NO. 62X09								
	PLOT DATE = 6/22/2026		DATE - 06/23/2026		REVISED -			ILLINOIS FED. AID PROJECT 6W/LW(875)								
								SCALE: 1"=20'	SHEET 7	OF 11 SHEETS	STA.	TO STA.				



UTILITY LEGEND	
	PR WATERMAIN, AND PR WATERMAIN FITTINGS
	PROPOSED COMBINED SEWER PIPES *
	PROPOSED COMBINED SEWER STRUCTURES *
	PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
	PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
* SEE UTILITY SCHEDULES	

NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN CROSSING (9TH AVENUE)
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	214
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

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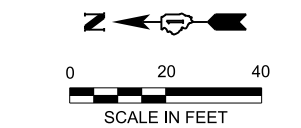
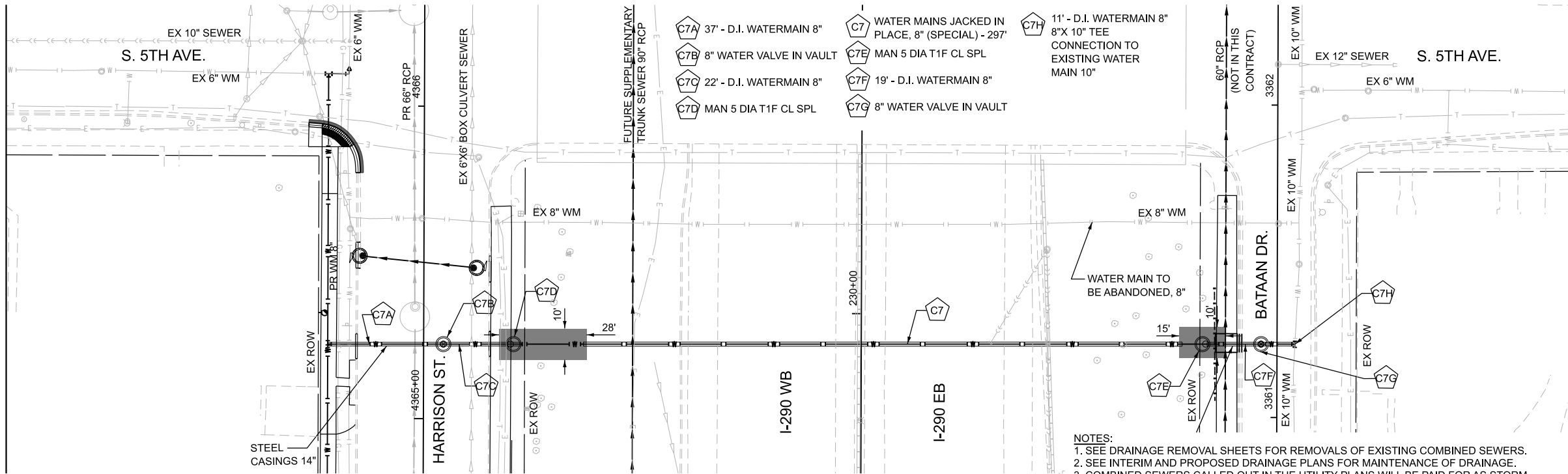
Bowman

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312-454-0360
www.bowman.com

USER NAME =	ksM-bowpw21\$
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PLOT DATE =	6/22/2026

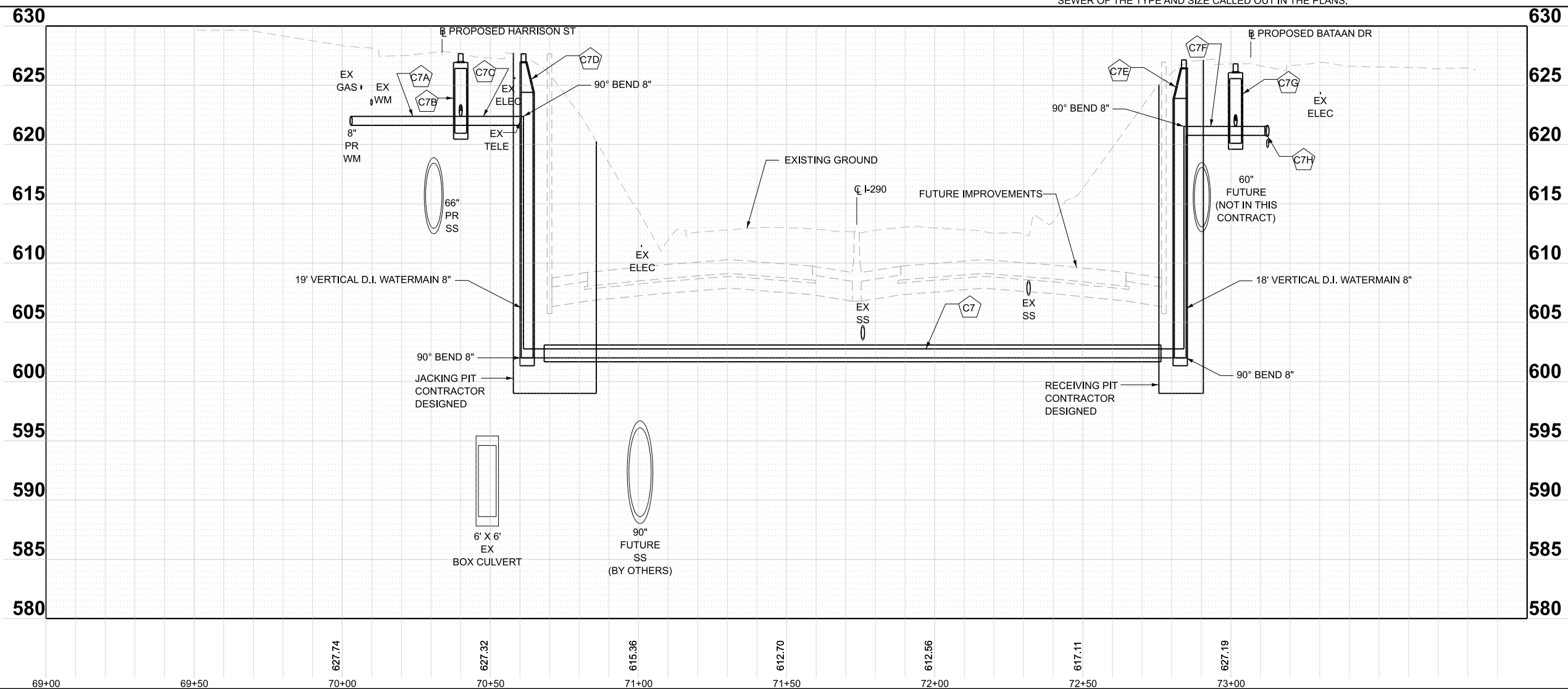
DESIGNED -	JWM
DRAWN -	JRD
CHECKED -	MBL
DATE -	06/23/2026

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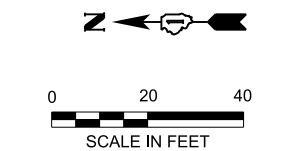
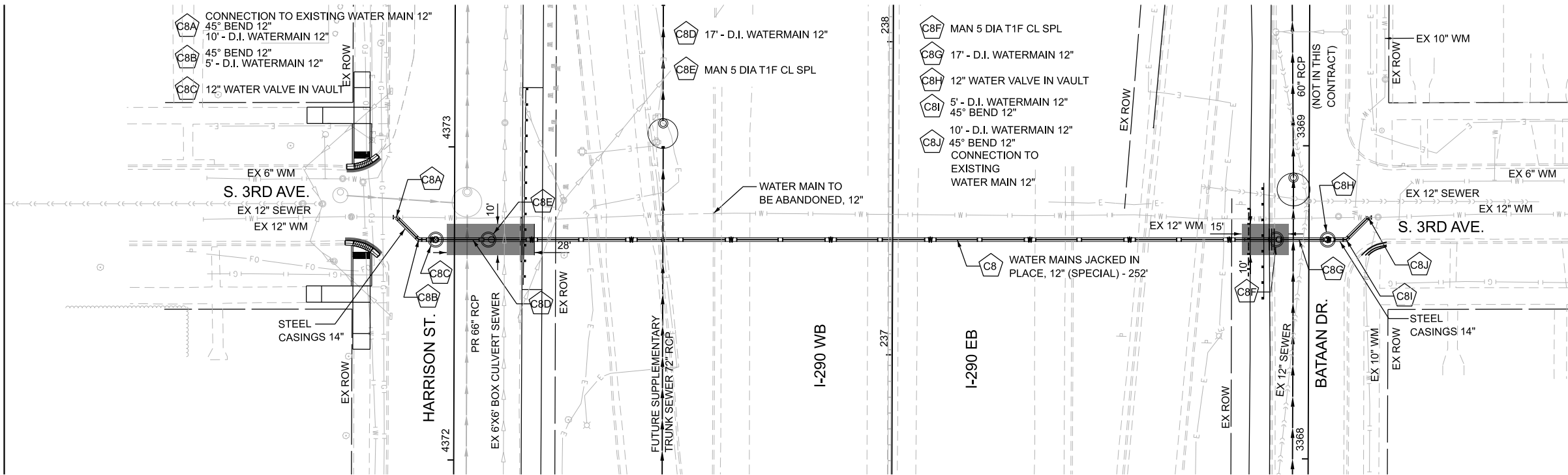


- UTILITY LEGEND
- PR WATERMAIN, AND PR WATERMAIN FITTINGS
 - PROPOSED COMBINED SEWER PIPES *
 - PROPOSED COMBINED SEWER STRUCTURES *
 - PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
 - PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)
- * SEE UTILITY SCHEDULES

- NOTES:
- SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
 - SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
 - COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.

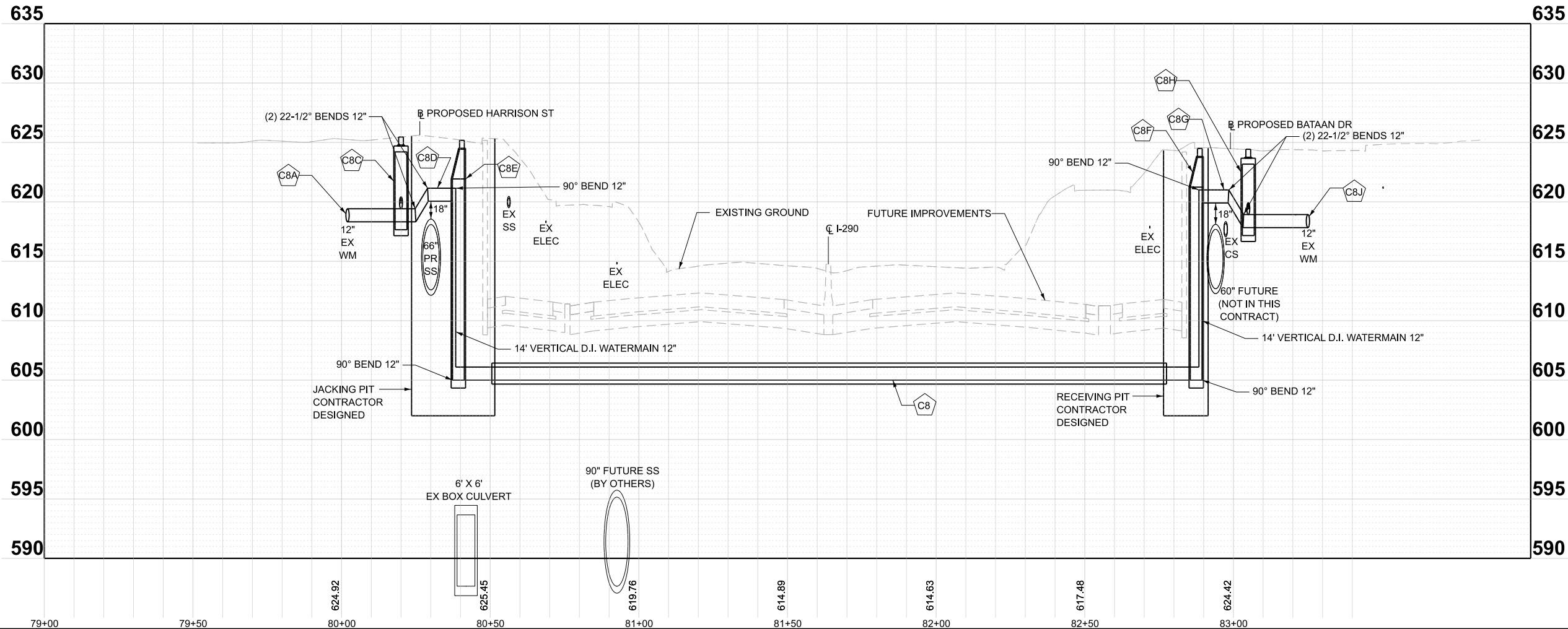


Bowman 10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-614-0360 www.bowman.com	USER NAME = jcsM-bowpw215		DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATERMAIN CROSSING (5TH AVENUE) I-290 FROM 22ND AVE TO DES PLAINES RIVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JRD		REVISED -	REVISED -		290	2024-991-DR	COOK	464	215				
	PLOT SCALE = 0.16666667' / in.		CHECKED - MBL	REVISED -		CONTRACT NO. 62X09								
	PLOT DATE = 6/22/2026		DATE - 06/23/2026	REVISED -		ILLINOIS FED. AID PROJECT 6W/LW(875)								
SCALE: 1"=20'		SHEET 9 OF 11 SHEETS		STA.		TO STA.								



UTILITY LEGEND	
	PR WATERMAIN, AND PR WATERMAIN FITTINGS
	PROPOSED COMBINED SEWER PIPES *
	PROPOSED COMBINED SEWER STRUCTURES *
	PROPOSED WATER SERVICE (CONTRACTOR TO VERIFY)
	PROPOSED SANITARY SERVICE (CONTRACTOR TO VERIFY)

NOTES:
1. SEE DRAINAGE REMOVAL SHEETS FOR REMOVALS OF EXISTING COMBINED SEWERS.
2. SEE INTERIM AND PROPOSED DRAINAGE PLANS FOR MAINTENANCE OF DRAINAGE.
3. COMBINED SEWERS CALLED OUT IN THE UTILITY PLANS WILL BE PAID FOR AS STORM SEWER OF THE TYPE AND SIZE CALLED OUT IN THE PLANS.



Bowman 10 S. LaSalle Street, Suite 2110 Chicago, Illinois 60603 312-614-0360 www.bowman.com	USER NAME = jcsM-bowpw21\$	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATERMAIN CROSSING (3RD AVENUE) I-290 FROM 22ND AVE TO DES PLAINES RIVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 6/22/2026	CHECKED - MBL	REVISED -		CONTRACT NO. 62X09								
		DATE - 06/23/2026	REVISED -		ILLINOIS FED. AID PROJECT 6W/LW(875)								
					SCALE: 1"=20'	SHEET 10	OF 11	SHEETS	STA.	TO STA.			

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312-454-4360
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MODEL: WMM_1st-WMM_1st
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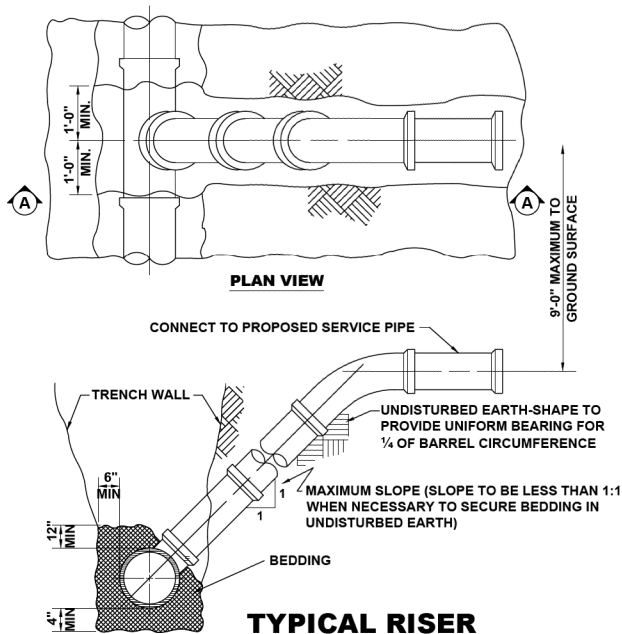
PROPOSED SEWER STRUCTURE SCHEDULE													
STRUCTURE #	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INV. (N)	INV. (S)	INV. (NW)	INV. (NE)	INV. (SW)	INV. (SE)	INV. (E)	INV. (W)	NOTES
505	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4312+74.4	2.30 LT	628.31			618.16	620.30			618.00		CONNECT EXISTING (NW) 15" CS
504B	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4313+26.2	1.28 LT	628.45							617.86	617.86	
504A	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4315+32.9	2.32 LT	628.37				621.05	621.75		617.30	617.30	
504	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4315+88.1	2.31 LT	628.41	617.45						617.15	617.15	CONNECT EXISTING (N) 15" CS
503B	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4317+20.9	2.70 LT	628.22			622.30		621.90		616.79	616.79	
503A	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4318+97.6	2.3 LT	627.88		621.65	618.75	622.30			616.21	616.21	
503	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4319+23.2	1.17 LT	628.11	616.15						616.15	616.15	CONNECT EXISTING (N) 15" CS
502B	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4319+75.7	3.53 LT	627.80							616.10	616.10	
502A	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4322+24.6	4.25 LT	627.93		621.90					615.69	615.69	
502	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4322+58.5	3.95 LT	628.26	616.55						615.64	615.64	CONNECT EXISTING (N) 15" CS
501B	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4323+09.5	3.07 LT	628.32			622.10				615.59	615.59	CONNECT EXISTING (N) CS
501A	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4325+13.1	1.18 RT	628.69	623.40	623.25					615.38	615.38	
501	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4326+02.7	7.63 LT	629.46	615.79						615.29	615.29	CONNECT EXISTING (N) 15" CS
500A	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4327+00.0	7.41 LT	628.50	622.80				622.75		615.19	615.19	
500	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4327+79.1	2.83 LT	628.43							615.12	615.12	CONNECT EXISTING (E) 36" CS
506A	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4346+39.7	14.66 LT	628.12		612.67					612.80	612.70	
506	PRECAST CONCRETE JUNCTION CHAMBER	4346+39.7	18.33 RT	627.73	612.66	612.66					612.66		
507	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4349+41.0	13.23 RT	628.22		615.00					614.62	614.62	
508	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4352+15.0	12.7 RT	628.28	624.00			619.96	622.80			619.96	
509	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4352+59.0	14.52 LT	628.57	620.50				620.50				CONNECT EXISTING (E) 12" CS
510	PRECAST CONCRETE JUNCTION CHAMBER	3342+41.7	23.97 LT	627.23	612.58	612.58							CONNECT EXISTING (E) 42" CS
511	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	3342+30.9	23.48 RT	627.15	612.57						612.57		
520	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4334+73.2	2.93 LT	627.52		614.20					614.20	614.20	CONNECT EXISTING (E,W) 36" RCP
521	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	3330+68.3	16.49' RT	627.17	614.85							614.85	

PROPOSED SEWER STRUCTURE SCHEDULE SUMMARY	
PAY ITEM DESCRIPTION	TOTAL
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	10
MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	6
MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	3
MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1
MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2
PRECAST CONCRETE JUNCTION CHAMBER	2

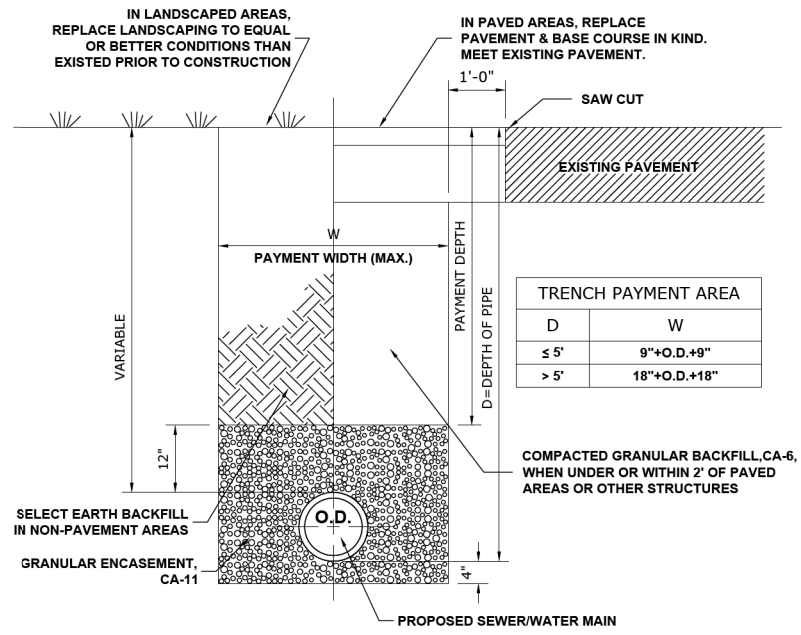
PROPOSED COMBINED SEWER PIPE SCHEDULE											
PIPE NUMBER	STORM SEWERS, CLASS A, TYPE 2 12"	STORM SEWERS, CLASS A, TYPE 2 15"	STORM SEWERS, CLASS A, TYPE 2 18"	STORM SEWERS, CLASS A, TYPE 3 18"	COMBINED SEWERS, JACKED IN PLACE 30" (SPECIAL)	STORM SEWERS, CLASS A, TYPE 2 30"	STORM SEWERS, CLASS A, TYPE 3 30"	STORM SEWERS, CLASS A, TYPE 3 36"	STORM SEWERS, CLASS A, TYPE 2 42"	TRENCH BACKFILL (CU YD)	PIPE SLOPE
505		47.3								65	0.30%
504B		201.2								285	0.28%
504A		49.6								75	0.30%
504			130.3							200	0.28%
503B				176.6						280	0.33%
503A				20.6						35	0.29%
503						47.5				90	0.11%
502B						243.6				450	0.17%
502A						28.5				60	0.18%
502						45.0				95	0.11%
501B							197.7			420	0.11%
501A							79.0			180	0.11%
501								91.3		215	0.11%
500A								73.2		165	0.10%
506A									25.8	75	0.035%
507	293.8									910	0.80%
508	266.8									605	2.00%
509	45.0									75	1.20%
C50					226.7					-	0.22%
C50A						30.0				85	0.22%
C50B						42.4				105	0.22%
506					453.4					-	0.035%
510									42.2	125	0.035%
522						5.0				10	-
TOTALS	605.6	298.1	130.3	197.2	680.1	442.0	276.7	164.5	68.0	4,605	—

SEE SHEET "MWRD GENERAL NOTES"
FOR JOINT SPECIFICATIONS FOR COMBINED
SEWERS

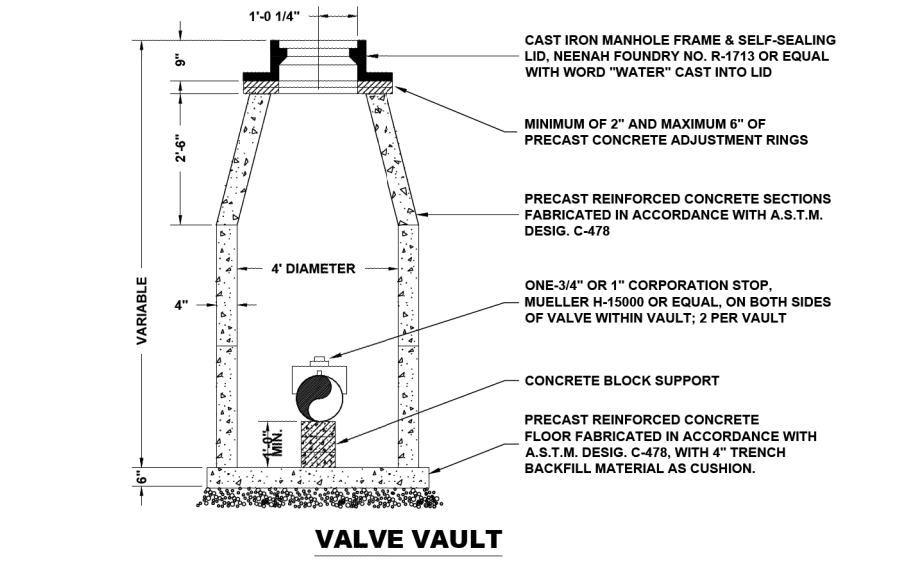
10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-454-0360 www.bowman.com	USER NAME = ksM-bowpw21s	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				UTILITY SCHEDULE I-290 FROM 22ND AVE TO DES PLAINES RIVER				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666667' / in.	CHECKED - MBL	REVISED -									290	2024-991-DR	COOK	464	218
	PLOT DATE = 7/17/2026	DATE - 06/23/2026	REVISED -									CONTRACT NO. 62X09				
								SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT 6W/LW(875)		



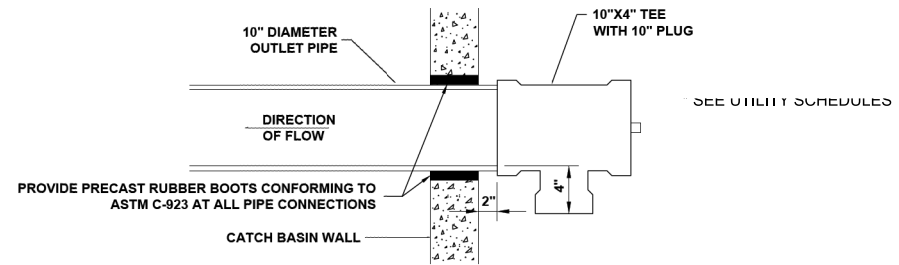
- NOTE:
1. EACH SANITARY SEWER SERVICE IS 6" IN DIAMETER.
 2. SERVICE REPAIRS ARE ANTICIPATED IN LOCATIONS WHERE THE PROPOSED STORM SEWER AND/OR WATER MAIN CROSSES OVER THE EXISTING SEWER SERVICE.



TYPICAL SEWER AND WATER MAIN TRENCH



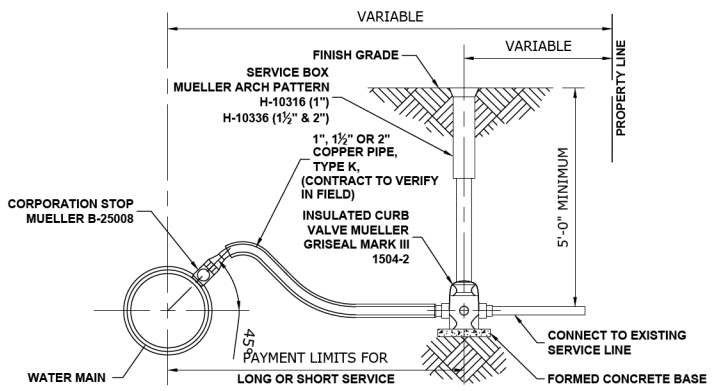
VALVE VAULT



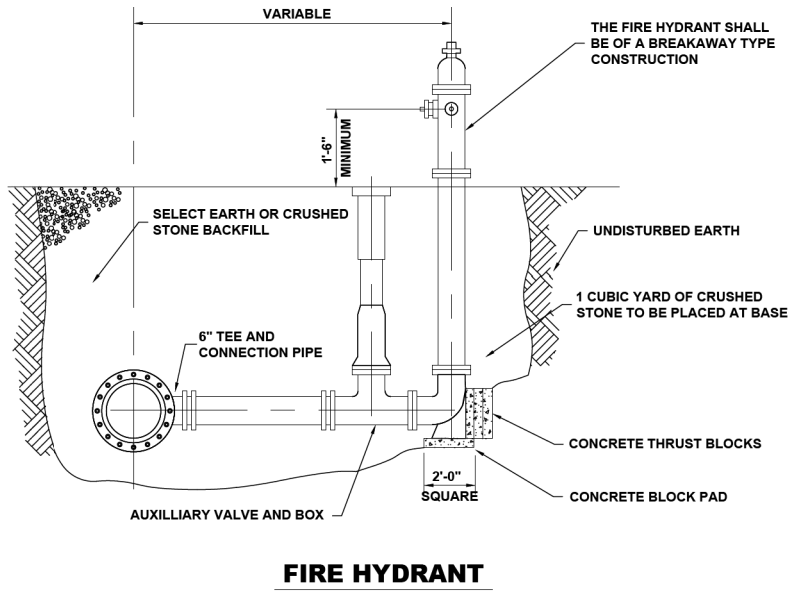
- NOTE:
1. 10" PLUG TO BE "GRIPPER" PLUG AS MANUFACTURED BY CHERNE INDUSTRIES OR APPROVED EQUAL.

10"x4" CATCH BASIN TRAP AND RESTRICTOR

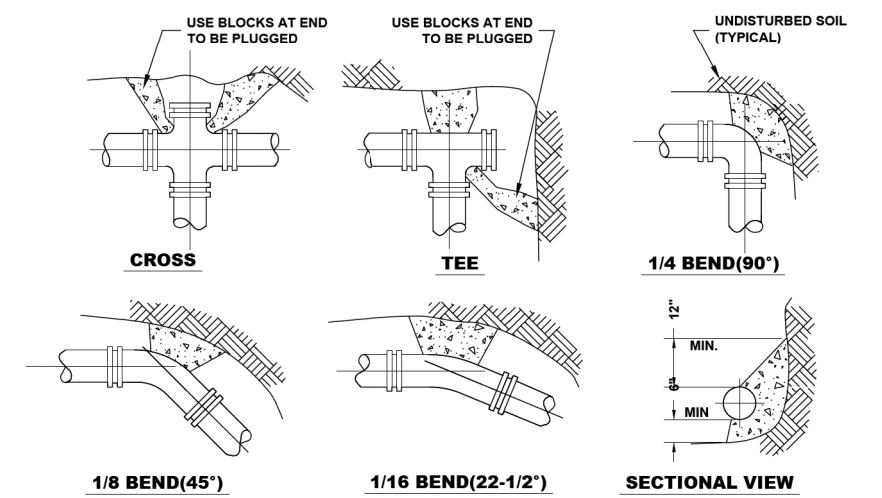
(TO BE INSTALLED IN PROPOSED CATCH BASINS CONNECTED TO THE COMBINED SEWER)



TYPICAL WATER SERVICE



FIRE HYDRANT



- NOTE:
1. THRUST BLOCKS TO BE USED AT 1/16(22-1/2°) OR GREATER BENDS & AT ALL ENDS TO BE PLUGGED.
 2. PRECAST CONCRETE THRUST BLOCKS TO BE PLACED AGAINST FIRM, UNDISTURBED SOIL.

THRUST BLOCK

MODEL: Details
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WATERMAIN SEQUENCING NOTES:

THE PROPOSED WATERMAIN ON THE NORTH SIDE OF HARRISON STREET FROM 20TH AVENUE TO STATION 4346+60.00 AND THE I-290 CROSSINGS AT 20TH AVENUE, 13TH AVENUE AND 17TH AVENUE BETWEEN HARRISON STREET AND BATAAN DRIVE TO BE IN SERVICE BEFORE THE EXISTING WATERMAIN IS ABANDONED. THE EXISTING WATERMAIN CROSSING AT 13TH AVENUE IS NOT CURRENTLY ACTIVE.

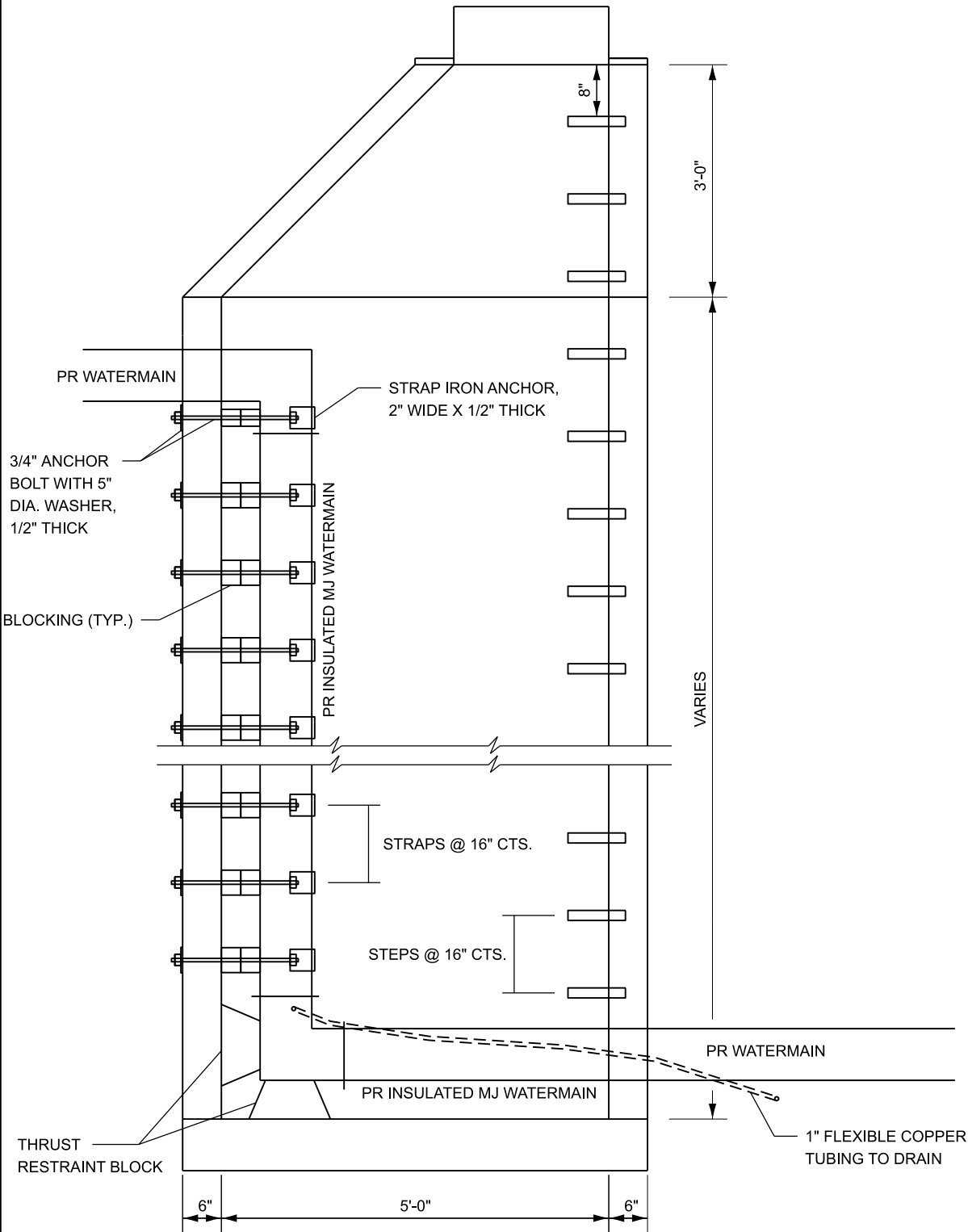
THE PROPOSED WATERMAIN INSTALLATION AT THE 21ST AVENUE CROSSING TO BE COMPLETED AND ACTIVE PRIOR TO THE EXISTING 21ST AVENUE WATERMAIN IS ABANDONED.

THE PROPOSED WATERMAIN INSTALLATION AT THE 10TH AVENUE CROSSING TO BE COMPLETED AND ACTIVE PRIOR TO THE EXISTING 10TH AVENUE WATERMAIN IS ABANDONED.

THE PROPOSED WATERMAIN TO BE INSTALLED ON THE NORTH SIDE OF HARRISON STREET FROM 10TH AVENUE TO 5TH AVENUE AND THE I-290 CROSSINGS AT 9TH AVENUE AND 5TH AVENUE BETWEEN HARRISON STREET AND BATAAN DRIVE TO BE IN SERVICE PRIOR TO THE EXISTING WATERMAIN IS ABANDONED.

THE PROPOSED WATERMAIN INSTALLATION AT THE 3RD AVENUE CROSSING TO BE COMPLETED AND ACTIVE PRIOR TO THE EXISTING 3RD AVENUE WATERMAIN IS ABANDONED.

THE PROPOSED WATERMAIN INSTALLATION AT THE 1ST AVENUE CROSSING TO BE COMPLETED AND ACTIVE PRIOR TO THE EXISTING 1ST AVENUE WATERMAIN IS ABANDONED.



MANHOLES, 5'-DIAMETER, TYPE 1
FRAME, CLOSED LID (SPECIAL)

NOTES:

- 1. SEE HIGHWAY STANDARDS 602402, 602701, AND 604001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 2. ALL INVERTS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND CONSTRUCTION.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS & WATER MAIN SEQUENCING NOTES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	220
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

SCALE: SHEET OF SHEETS STA. TO STA.

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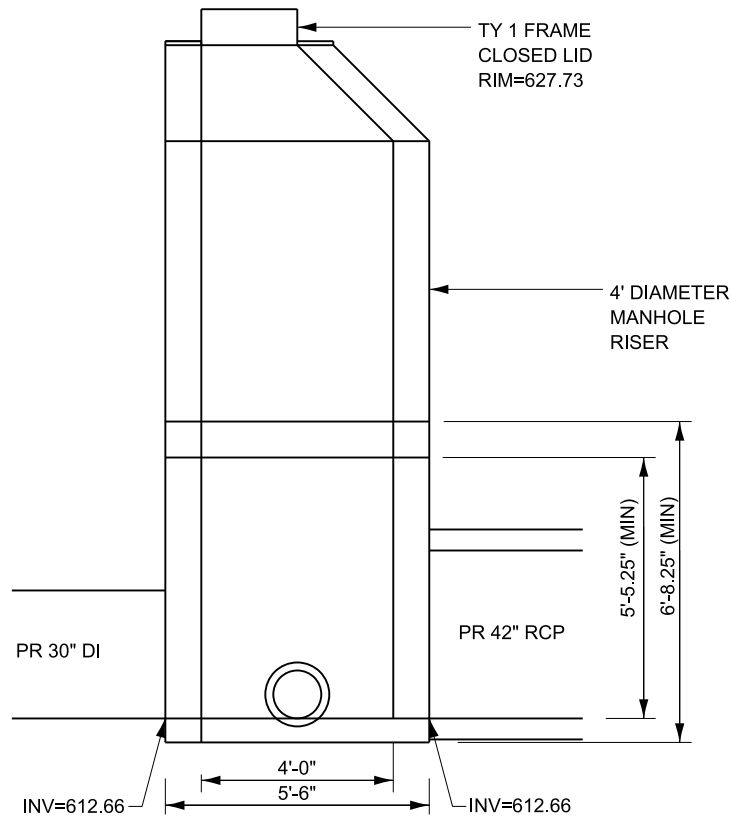
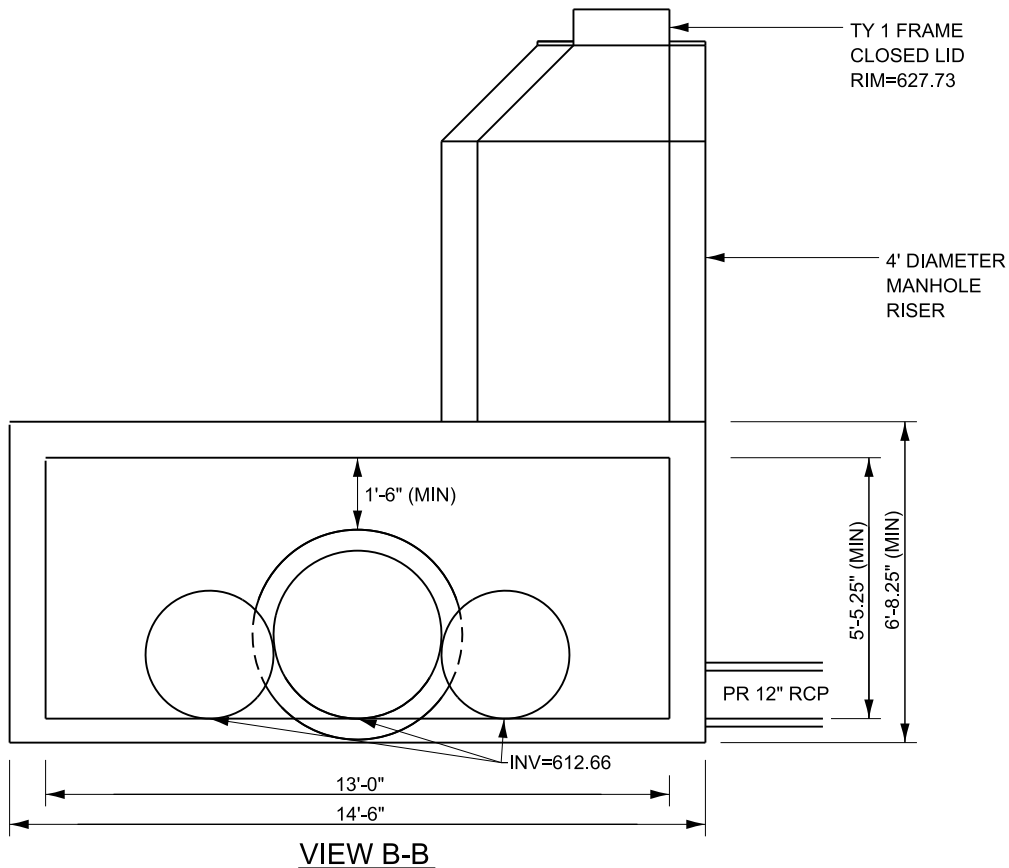
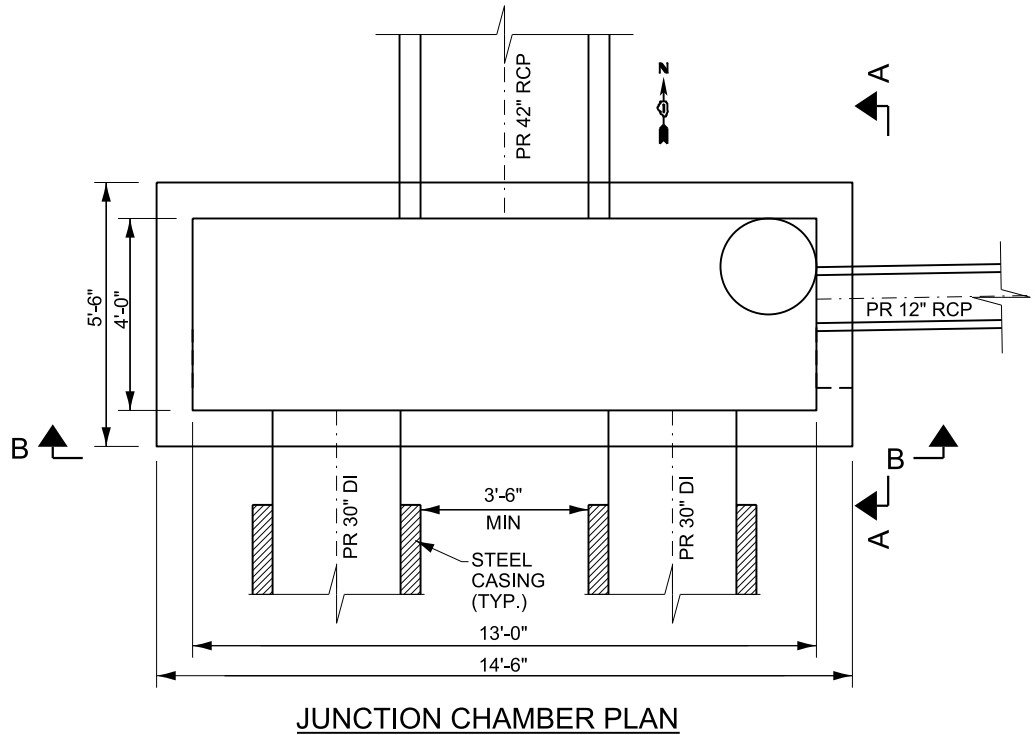
Bowman

10 S. LaSalle Street, Suite 210
Chicago, Illinois 60603
312-454-0360
www.bowman.com

USER NAME	= issm-bowpw21\$
PLOT SCALE	= 0.3333333 ' / in.
PLOT DATE	= 5/20/2026

DESIGNED -	JWM
DRAWN -	JRD
CHECKED -	MBL
DATE -	05/22/2026

REVISED -	
REVISED -	
REVISED -	
REVISED -	

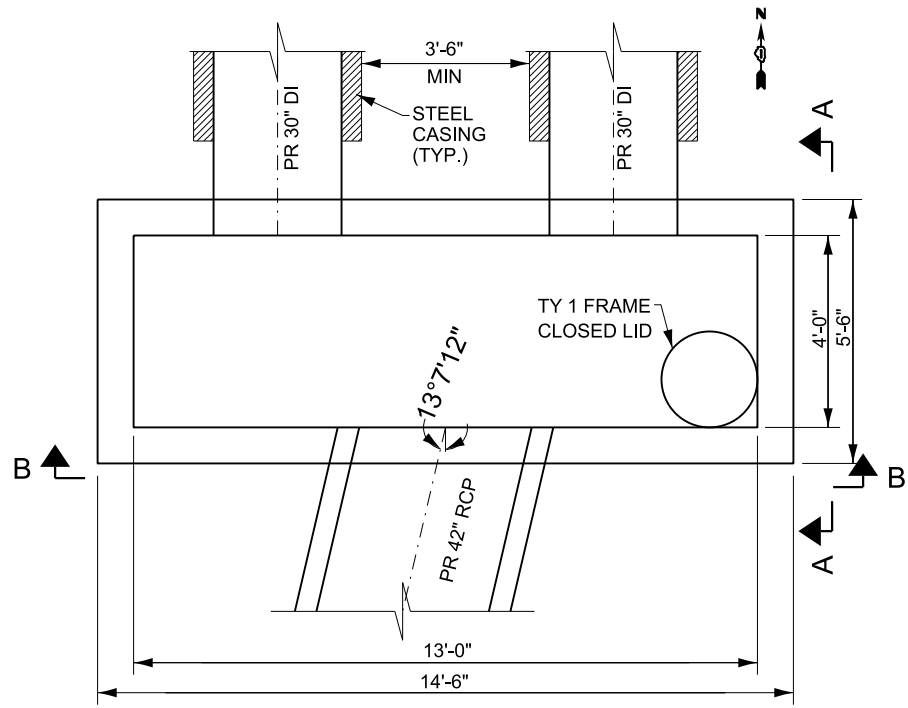


NOTES:

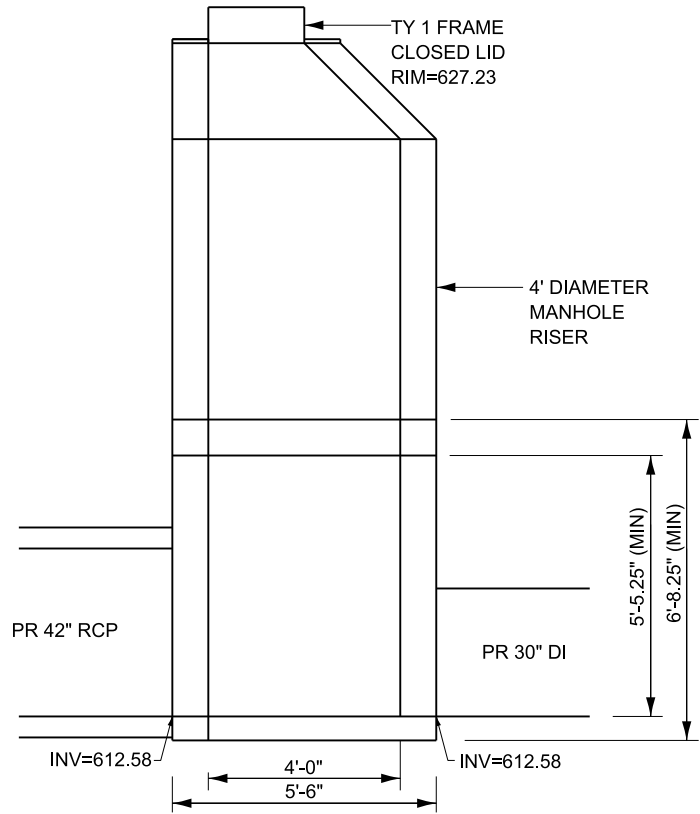
1. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIAL PROVISION "PRECAST CONCRETE JUNCTION CHAMBER" AND THE STANDARD SPECIFICATIONS.
2. APPROPRIATE SIZING AND LOCATION OF LIFTING INSERTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE BALANCED HANDLING DURING INSTALLATION.
3. THE CONTRACTOR IS TO PATCH ALL LIFTING INSERT HOLES AND PLACE A MINIMUM OF ONE (1) INCH COVER OVER THE HARDWARE OF THESE DEVICES ON BOTH TOP AND BOTTOM SURFACES.
4. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE PRECAST WITH NO JOINTS. SEE HIGHWAY STANDARDS 602701 AND 604001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
5. ALL INVERTS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE JUNCTION CHAMBER.

MODEL: Sheet
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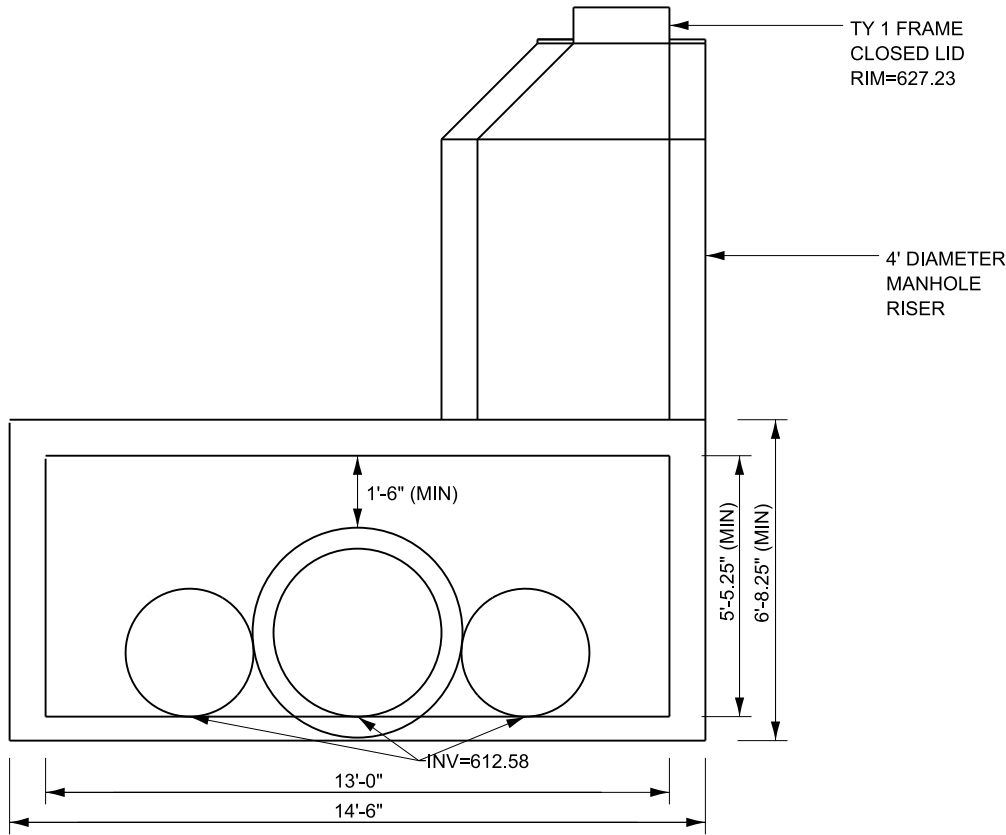
Bowman 10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-454-0360 www.bowman.com	USER NAME = iosM-bowpw21\$		DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY DETAILS -JUNCTION CHAMBER 506 I-290 FROM 22ND AVE TO DES PLAINES RIVER		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JRD		CHECKED - MBL	REVISED -		SCALE:		290	2024-991-DR	COOK	464	221
	PLOT SCALE = 0.33333333' / in.		DATE - 05/22/2026	REVISED -		SHEET OF SHEETS		CONTRACT NO. 62X09				
	PLOT DATE = 7/24/2026			REVISED -		STA. TO STA.		ILLINOIS FED. AID PROJECT 6W/LW(875)				



JUNCTION CHAMBER PLAN



VIEW A-A



VIEW B-B

NOTES:

- 1. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIAL PROVISION "PRECAST CONCRETE JUNCTION CHAMBER" AND THE STANDARD SPECIFICATIONS.
- 2. APPROPRIATE SIZING AND LOCATION OF LIFTING INSERTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE BALANCED HANDLING DURING INSTALLATION.
- 3. THE CONTRACTOR IS TO PATCH ALL LIFTING INSERT HOLES AND PLACE A MINIMUM OF ONE (1) INCH COVER OVER THE HARDWARE OF THESE DEVICES ON BOTH TOP AND BOTTOM SURFACES.
- 4. PRECAST CONCRETE JUNCTION CHAMBER SHALL BE PRECAST WITH NO JOINTS. SEE HIGHWAY STANDARDS 602701 AND 604001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 5. ALL INVERTS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE JUNCTION CHAMBER.

MODEL: Sheet
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Bowman 10 S. LaSalle Street, Suite 210 Chicago, Illinois 60603 312-454-0360 www.bowman.com	USER NAME = losM-bowpw21\$	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY DETAILS - JUNCTION CHAMBER 510 I-290 FROM 22ND AVE TO DES PLAINES RIVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/24/2026	DATE - 05/22/2026	REVISED -			ILLINOIS FED. AID PROJECT 6W/LW(875)				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.				

MODEL: D:\a\Accurate\Engineering\I-290\I-290-FRS-PH\03_CADD\01_Sheets\03-Civil\01-01-2020\Sheet-01-MWRD-Notes.dgn
FILE NAME: C:\Engineering\I-290\I-290-FRS-PH\03_CADD\01_Sheets\03-Civil\01-01-2020\Sheet-01-MWRD-Notes.dgn

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
- * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * VILLAGE OF MAYWOOD MUNICIPAL CODE;
 - * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 - * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).
2. THE VILLAGE OF MAYWOOD ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS _____ FT.
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL

VITRIFIED CLAY PIPE

PIPE SPECIFICATIONS

ASTM C-700

JOINT SPECIFICATIONS

ASTM C-425

REINFORCED CONCRETE SEWER PIPE

ASTM C-76

ASTM C-443

CAST IRON SOIL PIPE

ASTM A-74

ASTM C-564

DUCTILE IRON PIPE

ANSI A21.51

ANSI A21.11

POLYVINYL CHLORIDE (PVC) PIPE
6-INCH TO 15-INCH DIAMETER SDR 26
18-INCH TO 27-INCH DIAMETER F/DY=46

ASTM D-3034
ASTM F-679

ASTM D-3212
ASTM D-3212

HIGH DENSITY POLYETHYLENE (HDPE)
WATER MAIN QUALITY PVC
4-INCH TO 36-INCH
4-INCH TO 12-INCH
14-INCH TO 48-INCH

ASTM D-3350
ASTM D-3035

ASTM D-2241
AWWA C900
AWWA C905

ASTM D-3261,F-2620 (HEAT FUSION)
ASTM D-3212,F-477 (GASKETED)

ASTM D-3139
ASTM D-3139
ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL

PIPE SPECIFICATIONS

JOINT SPECIFICATIONS

POLYPROPYLENE (PP) PIPE

12-INCH TO 24-INCH DOUBLE WALL

ASTM F-2736

D-3212, F-477

30-INCH TO 60-INCH TRIPLE WALL

ASTM F-2764

D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼"TO 1"IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYIE SADDLE OR HUB-TEE SADDLE.
b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL"OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.



USER NAME	=	akoller	DESIGNED	-	JP	REVISED	-	
			DRAWN	-	JP	REVISED	-	
PLOT SCALE	=	0.167' = 1 in.	CHECKED	-	AB	REVISED	-	
PLOT DATE	=	6/24/2026	DATE	-	05/22/2026	REVISED	-	

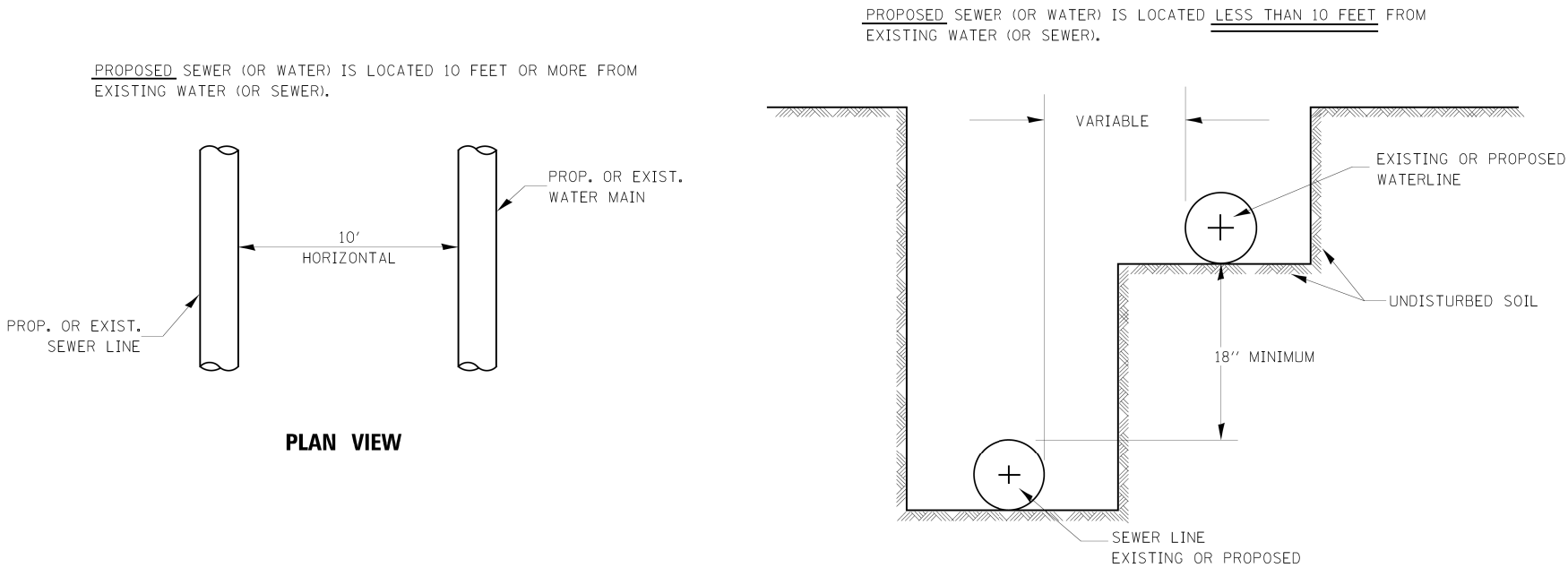
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD GENERAL NOTES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

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

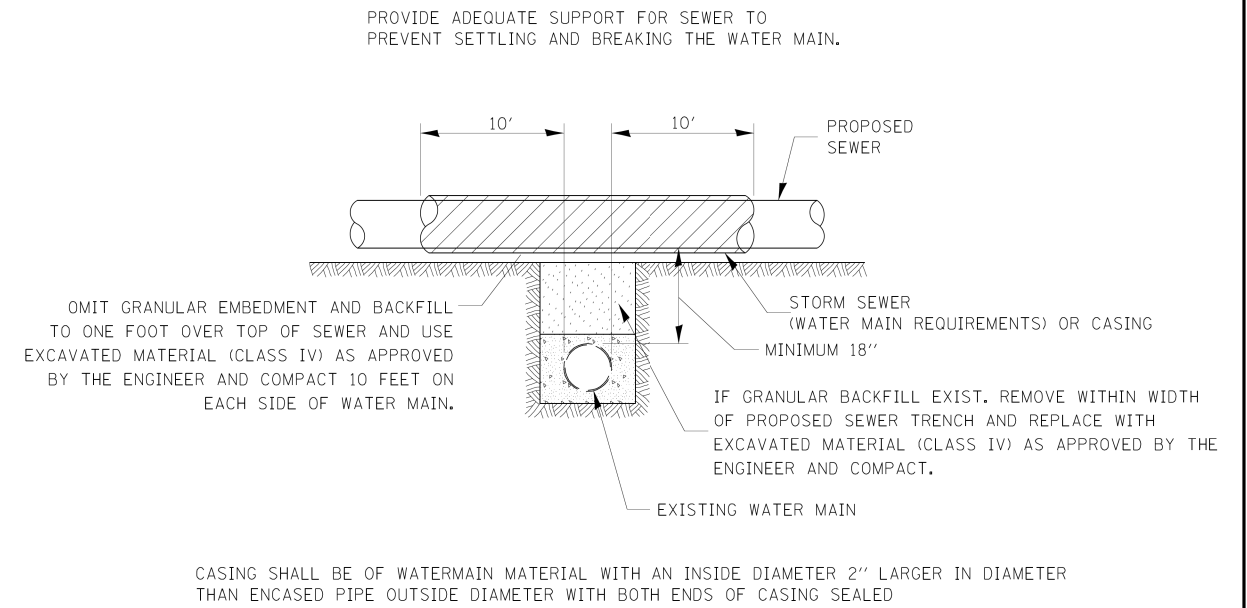
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290	2024-991-DR	COOK	464	223
CONTRACT NO. 62X09				
ILLINOIS		FED. AID PROJECT 6W/LW(875)		

MODEL Dwg.dgn
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WATER AND SEWER SEPARATION REQUIREMENTS – HORIZONTAL SEPARATION

563-3

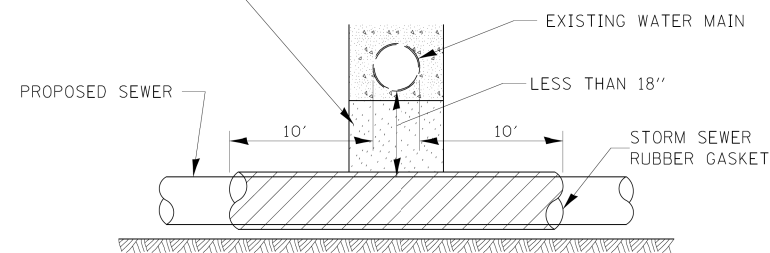


PROPOSED SEWER LINE WITH MINIMUM 18" VERTICAL SEPARATION ABOVE EXISTING WATERMAIN

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN

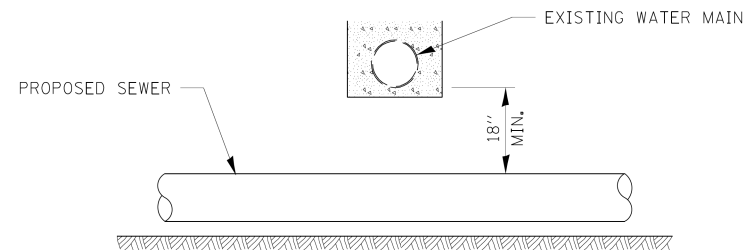
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF SEWER AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT 10 FEET ON EACH SIDE OF WATER MAIN.



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY

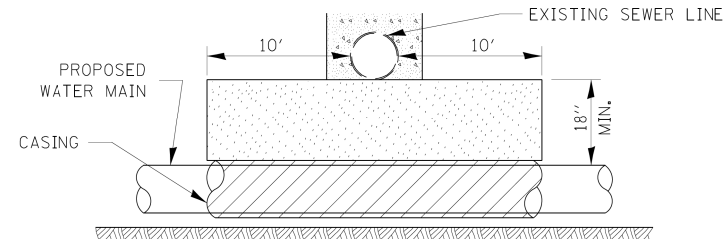


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

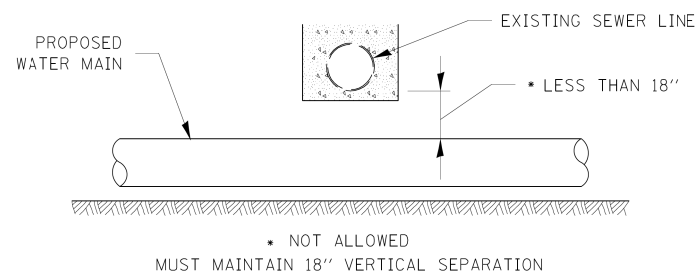
PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.

IF GRANULAR BACK FILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER TRENCH AND REPLACE WITH EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT.

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF WATER MAIN AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT FOR 10' EITHERSIDE OF SEWER LINE.



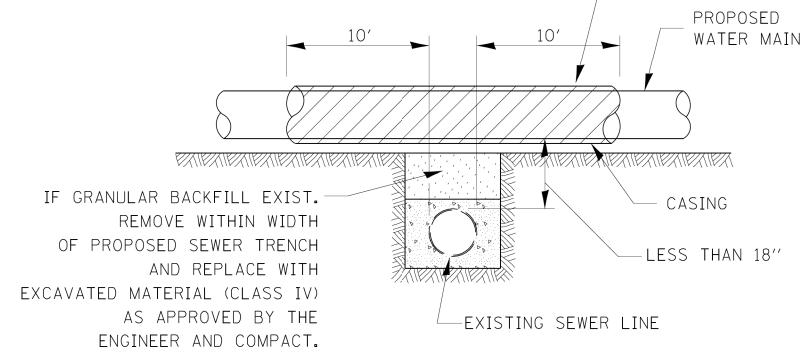
CASING SHALL BE OF WATER MAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED



PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF SEWER AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT 10 FEET ON EACH SIDE OF WATER MAIN.



CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

563-4



USER NAME	= akoller	DESIGNED	-
DRAWN	-	REVISED	-
PLOT SCALE	= 0.167' / in.	CHECKED	-
PLOT DATE	= 6/24/2026	DATE	= 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MWRD WATER AND SEWER SEPARATION REQUIREMENTS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	224
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



Accurate
GROUP, INC.

WWW.ACCGI.COM
101 SCHELTER RD., SUITE B-200
LINCOLNSHIRE, ILLINOIS 60069
T (847) 613-1100 F (847) 613-1105
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.002053

COVER SHEET

LEGEND

AERIAL	— A —	A —
CABLE TV	— CTV —	CTV —
ELECTRIC	— E —	E —
FIBER OPTIC	— FO —	FO —
GAS	— G —	G —
TELEPHONE	— T —	T —
WATER	— W —	W —
OIL PIPELINE	— O —	O —
UTILITIES QL-D	— —	— —
UNKNOWN	— UNK —	UNK —
PROJECT LIMITS	— —	— —

STORM SEWER QL-C	— — — — —
STORM SEWER QL-D	— — — — —
COMBINED SEWER QL-C	— — — — —
COMBINED SEWER QL-D	— — — — —



I, AHMED BEE, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY ACCURATE GROUP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: 11/30/2022
AHMED BEE, PE
PROJECT ENGINEER; ACCURATE GROUP, INC.

UTILITY OWNERS

AT&T NETWORK ENGINEERING AND OPERATIONS
G05256@ATT.COM

COMCAST
ATTN: MARTHA GIERAS
MARTHA_GIERAS@CABLE.COMCAST.COM
224-229-5862

COMED
PRT.IL@USICLLC.COM
MAPREQUESTS@EXEONCORP.COM

DUPAGE WATER COMMISSION
ATTN: JEFF LOSTER
PIPELINE@DPWC.ORG
630-516-1912

MCI VERIZON
INVESTIGATIONS@VERIZON.COM

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
ATTN: LOUIS STORINO
STORINOL@MWRD.ORG
312-751-3167

NICOR GAS
UTILITY CONSULTANT
630-388-2362

STATE OF ILLINOIS CMS
UTILITY CONSULTANT
ATTN: STEVE CREASEY
DOIT.ICN.FOCMAINT@ILLINOIS.GOV
217-229-9213x9312

VERRA MOBILITY
DESIGN TICKETS@VERRAMOBILITY.COM
480-596-4709

VILLAGE OF BROADVIEW
ATTN: MATTHEW AMES
MAMES@VILLAGEOFBROADVIEW.COM
708-497-8669

VILLAGE OF MAYWOOD
ATTN: GREG BUCHANAN
GBUCHANAN@MAYWOOD-IL.GOV
708-450-4463x708-774-3621

WESTCHESTER BROADVIEW WATER
708-865-0300

USIC LOCATING SERVICES
INFORMATION NOT PROVIDED

NOTES

1. ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED. QL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS. SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS OR BEST EFFORT TO MEASURE IN THE FIELD.

2. ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATION INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. ACCURATE GROUP, INC. DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF RELIABILITY OF ANY ELECTRONIC DEPTH READINGS.

3. UTILITY INFORMATION LABELED "QL-C" OR "QL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. ACCURATE GROUP, INC. EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

4. THE BACKGROUND BASE (TOPO) AND ALIGNMENTS SHOWN WITHIN THE SUE LIMITS ARE PROVIDED BY AGI. ADDITIONAL TOPO OUTSIDE THE SUE LIMITS HAVE BEEN UTILIZED FROM PHASE I TOPO PROVIDED BY IDOT.

5. THE ELEVATION ON ALL STORM SEWER STRUCTURES WITH BEEHIVE GRATES WERE SHOT AT THE HIGHEST POINT OF THE GRATE.

6. THE SANITARY AND STORM SEWER SIZES AND MATERIAL ALONG WITH STRUCTURE TYPE ARE FROM UTILITY RECORDS OR BEST EFFORT TO SEE OR MEASURE IN THE FIELD WITHOUT ENTERING THE STRUCTURE. SANITARY AND STORM LINES ARE DEPICTED AS QL-C UNLESS OTHERWISE INDICATED. THE PIPES WERE NOT RODDED BETWEEN STRUCTURES AND THEREFORE WHERE THE CONNECTIVITY IS SHOWN IS BASED ON BEST EFFORT IN THE FIELD AND RECORDS. THE PIPE CONNECTIVITY BETWEEN STRUCTURES IS NOT SHOWN WHERE WE WERE UNABLE TO SEE THE PIPES DUE TO THE STRUCTURE BEING INUNDATED WITH WATER, OFFSET OF PIPES AND OUT OF VIEW OR FULL OF SLIT OR DEBRIS.

7. UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES.

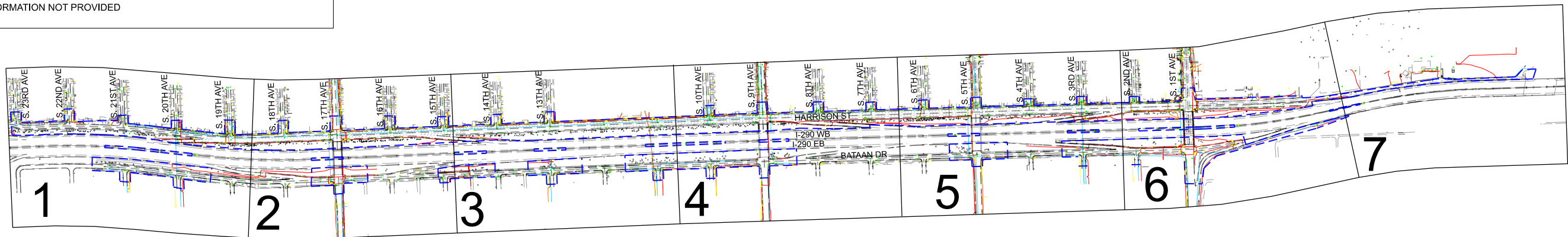
8. SEE THE TEST HOLE DATA MATRIX FOR TEST HOLE INFORMATION. THE TEST HOLES HAVE BEEN INVESTIGATED BY ACCURATE GROUP INC. (AGI) IN ACCORDANCE WITH SUE INDUSTRY STANDARDS. AGI SUE FIELD INVESTIGATION WAS PERFORMED FROM TH-01 05/05/2025 TO TH-40 08/22/2025.

9. ALL DRAINAGE INFORMATION SHOWN IN PINK WITHIN THE PROJECT LIMITS INCLUDING ALONG I-290 ORIGINATES FROM PHASE I. THE PINK COLOR IS USED TO DISTINGUISH PHASE I DATA FROM FIELD OBTAINED INFORMATION AND TO PRESENT A COMPLETE VIEW OF ANTICIPATED DRAINAGE CONDITIONS.

10. ALTHOUGH THE SURVEY HAS FIELD VERIFIED EXISTING MANHOLE PIPE SIZES, THE CONTRACTOR MUST CONFIRM ALL SIZES AND INVERTS BEFORE PROCEEDING WITH WORK.

ABBREVIATIONS:

(QL-A)	UTILITY QUALITY LEVEL "A" : VISUALLY VERIFIED TEST HOLE
(QL-B)	UTILITY QUALITY LEVEL "B" : DESIGNATING
(QL-C)	UTILITY QUALITY LEVEL "C" : RESEARCH WITH SURVEY
(QL-D)	UTILITY QUALITY LEVEL "D" : RECORDS RESEARCH
(DATFI)	DEPICTED ACCORDING TO FIELD INSPECTION
(FO)	FIBER OPTIC
(AATUR)	ABANDONED ACCORDING TO UTILITY RECORDS
(AATFI)	ABANDONED ACCORDING TO FIELD INSPECTION
(EATFI)	EMPTY ACCORDING TO FIELD INSPECTION
DBC	DIRECT BURIED CABLE
RIP	RETIRED IN PLACE
EOI	END OF ELECTRONIC DESIGNATING INFORMATION
EORI	END OF UTILITY RECORD INFORMATION
(NAC)	NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE
(NAP)	NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE
ST	STREET
AVE	AVENUE
RD	ROAD
(ATW)	ATTACHED TO WALL
(ATB)	ATTACHED TO BRIDGE
—	UTILITY ENDPOINT
(FOD)	FULL OF DEBRIS
(FOW)	FULL OF WATER
(PNV)	PIPE NOT VISIBLE
RIM EL	RIM ELEVATION
INV	INVERT ELEVATION
CB	CATCH BASIN
MH-SS	MANHOLE, STORM SEWER
MH-SAN	MANHOLE, SANITARY SEWER
UTO	UNABLE TO OPEN
WV	WATER VALVE
TH	TEST HOLE
EOM	END OF MAIN
TPE	TOP OF PIPE ELEVATION
NTS	NOT TO SCALE
⬮	AGI TEST HOLE
ETS	EXISTING TRUNK SEWER



USER NAME	= akoller
PLOT DATE	= 6/24/2026

DESIGNATED	- AK
DRAFTED	- AK
CHECKED	- AB
DATE	- 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER

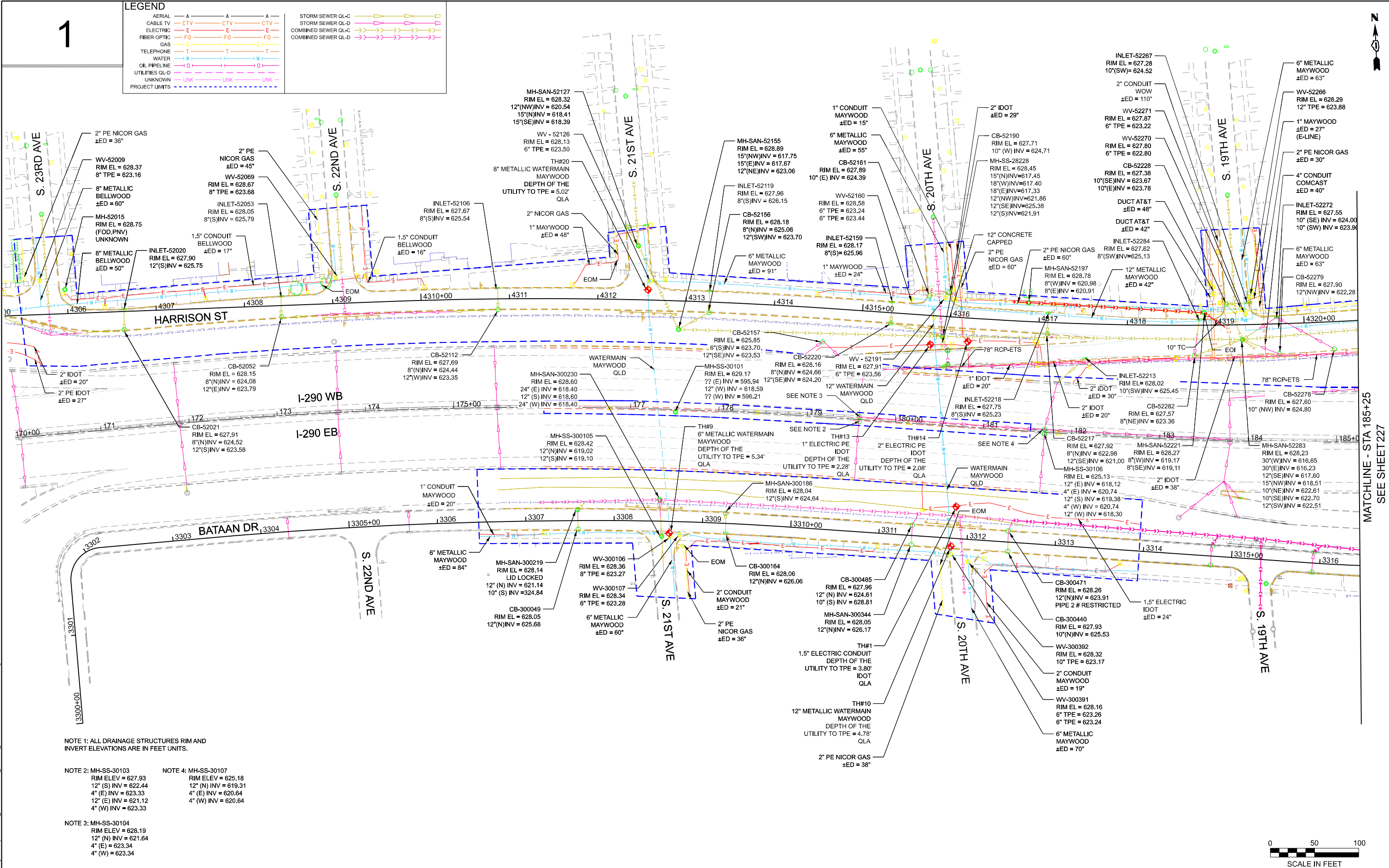
SCALE: N.T.S.	SHEET 1 OF 10 SHEETS	STA. -	TO STA. -
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	225
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT WKBE(680)				

LEGEND

AERIAL	A	A	A
CABLE TV	CTV	CTV	CTV
ELECTRIC	E	E	E
FIBER OPTIC	FO	FO	FO
GAS	G	G	G
TELEPHONE	T	T	T
WATER	W	W	W
OIL PIPELINE	O	O	O
UTILITIES Q-L-D	UNK	UNK	UNK
UNKNOWN	UNK	UNK	UNK
PROJECT LIMITS	UNK	UNK	UNK

STORM SEWER Q-L-C
STORM SEWER Q-L-D
COMBINED SEWER Q-L-C
COMBINED SEWER Q-L-D



MATCHLINE - STA 185+25
SEE SHEET 227



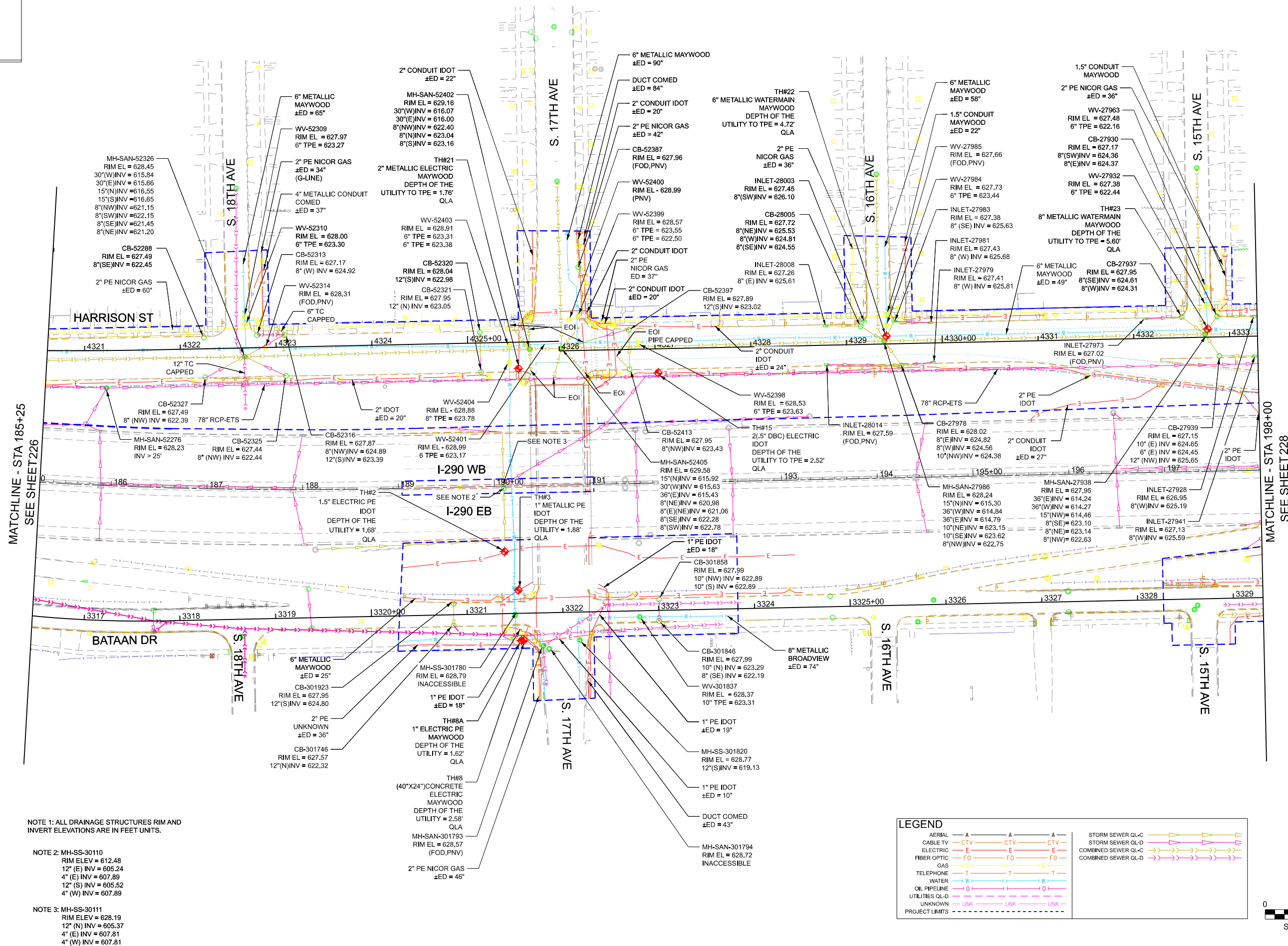
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER

USER NAME	= akoller	DESIGNED	- AK	REVISED	-
DRAWN	- AK	CHECKED	- AK	REVISED	-
PLOT SCALE	= 0.166667' / in.	DATE	= 05/22/2026	REVISED	-
PLOT DATE	= 6/24/2026				

SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 170+00 TO STA. 184+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	226
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLV(875)				



USER NAME	= akoller	DESIGNED	- AK	REVISED	-
DRAWN	- AK	REVIS	-		
PLOT SCALE	= 0.166667' / in.	CHECKED	- AB	REVISED	-
PLOT DATE	= 6/24/2026	DATE	= 05/22/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION****SUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER**

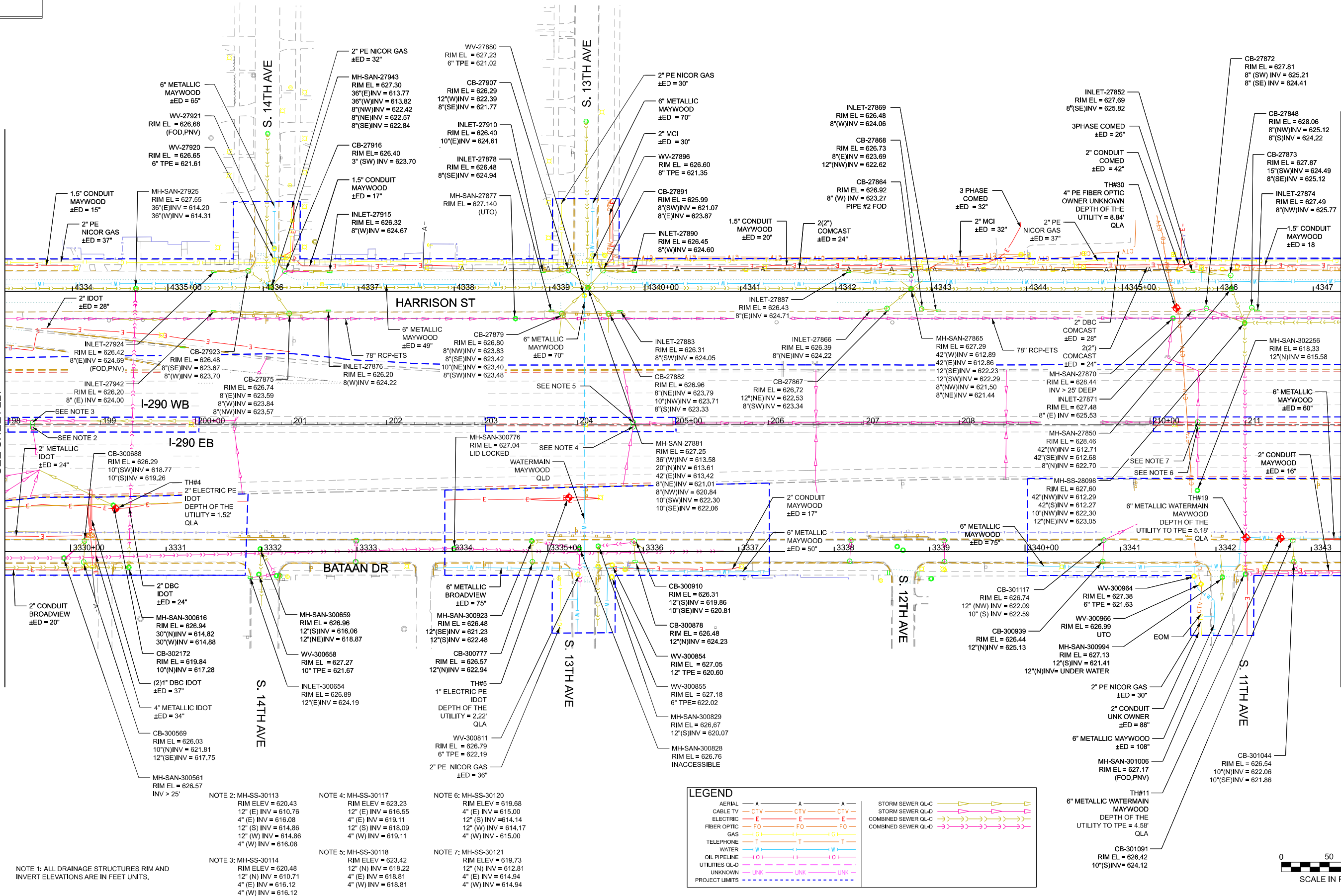
SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. 184+00 TO STA. 198+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	227
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



MATCHLINE - STA 198+00
SEE SHEET 227

MATCHLINE - STA 212+00
SEE SHEET 229



NOTE 1: ALL DRAINAGE STRUCTURES RIM AND INVERT ELEVATIONS ARE IN FEET UNITS.

NOTE 2: MH-SS-30113
RIM ELEV = 620.43
12\"/>

NOTE 4: MH-SS-30117
RIM ELEV = 623.23
12\"/>

NOTE 6: MH-SS-30120
RIM ELEV = 619.68
4\"/>

NOTE 3: MH-SS-30114
RIM ELEV = 620.48
12\"/>

NOTE 5: MH-SS-30118
RIM ELEV = 623.42
12\"/>

NOTE 7: MH-SS-30121
RIM ELEV = 619.73
12\"/>

LEGEND

AERIAL	— A —	A — A — A	STORM SEWER Q-L-C	— S — S — S
CABLE TV	— CTV —	CTV — CTV — CTV	STORM SEWER Q-L-D	— S — S — S
ELECTRIC	— E —	E — E — E	COMBINED SEWER Q-L-C	— CS — CS — CS
FIBER OPTIC	— FO —	FO — FO — FO	COMBINED SEWER Q-L-D	— CS — CS — CS
GAS	— G —	G — G — G		
TELEPHONE	— T —	T — T — T		
WATER	— W —	W — W — W		
OIL PIPELINE	— O —	O — O — O		
UTILITIES Q-L-O	— U —	U — U — U		
UNKNOWN	— UNK —	UNK — UNK — UNK		
PROJECT LIMITS	— PL —	PL — PL — PL		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 4 OF 10 SHEETS STA. 198+00 TO STA. 212+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	228
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



USER NAME = akoller	DESIGNED - AK	REVISED -
PLOT SCALE = 0.166667 / in.	DRAWN - AK	REVISED -
PLOT DATE = 6/24/2026	CHECKED - AB	REVISED -
	DATE = 05/22/2026	REVISED -

MATCHLINE - STA 212+00
SEE SHEET 228MATCHLINE - STA 226+00
SEE SHEET 230NOTE 1: ALL DRAINAGE STRUCTURES RIM AND
INVERT ELEVATIONS ARE IN FEET UNITS.NOTE 2: MH-SS-30123
RIM ELEV = 615.97
12" (E) INV = 610.90
4" (E) INV = 611.34
12" (S) INV = 611.09
4" (W) INV = 611.34NOTE 3: MH-SS-30124
RIM ELEV = 616.08
12" (N) INV = 611.36
4" (E) INV = 611.30
4" (W) INV = 611.30NOTE 4: MH-SS-30126
RIM ELEV = 612.31
12" (E) INV = 606.86
4" (E) INV = 607.70
12" (S) INV = 607.24
4" (W) INV = 607.70NOTE 5: MH-SS-30127
RIM ELEV = 612.30
12" (N) INV = 607.11
4" (E) INV = 607.84
4" (W) INV = 607.84NOTE 6: MH-SS-30128
RIM ELEV = 611.75
12" (E) INV = 603.30
4" (E) INV = 607.23
12" (W) INV = 603.21
4" (W) INV = 607.23NOTE 7: MH-SS-30129
RIM ELEV = 611.81
4" (E) INV = 607.32
4" (W) INV = 607.32

LEGEND

AERIAL — A — A — A —
CABLE TV — CTV — CTV — CTV —
ELECTRIC — E — E — E —
FIBER OPTIC — FO — FO — FO —
GAS — G — G — G —
TELEPHONE — T — T — T —
WATER — W — W — W —
OIL PIPELINE — O — O — O —
UTILITIES Q-L-D — UNK — UNK — UNK —
PROJECT LIMITS — — — —

STORM SEWER Q-L-C —
STORM SEWER Q-L-D —
COMBINED SEWER Q-L-C —
COMBINED SEWER Q-L-D —

0 50 100
SCALE IN FEET



USER NAME	= jpoliquito
PLOT SCALE	= 0.166667' / in.
PLOT DATE	= 7/24/2026

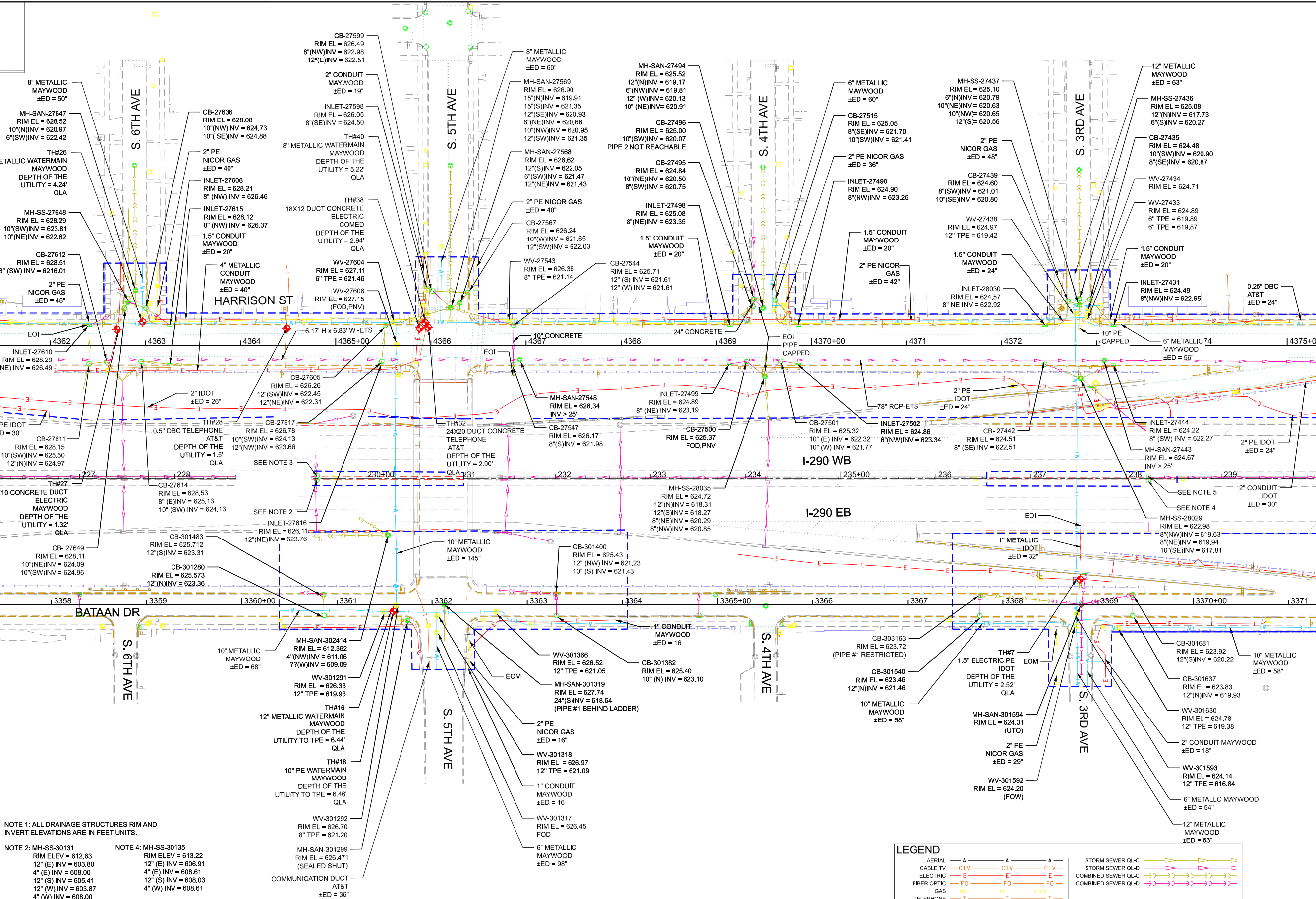
DESIGNED	- AK
DRAWN	- AK
CHECKED	- AB
DATE	= 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONSUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 212+00 TO STA. 226+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	229
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLV(875)				

MATCHLINE - STA 226+00
SEE SHEET 229MATCHLINE - STA 240+00
SEE SHEET 231

NOTE 1: ALL DRAINAGE STRUCTURES RIM AND INVERT ELEVATIONS ARE IN FEET UNITS.

NOTE 2: MH-SS-30131
RIM ELEV = 612.63
12" (E) INV = 603.80
4" (E) INV = 608.00
12" (S) INV = 605.41
12" (W) INV = 603.87
4" (W) INV = 608.00NOTE 3: MH-SS-30132
RIM ELEV = 612.72
12" (N) INV = 605.72
4" (E) INV = 607.88
4" (W) INV = 607.88NOTE 4: MH-SS-30135
RIM ELEV = 613.22
12" (E) INV = 608.91
4" (E) INV = 608.61
12" (S) INV = 608.03
4" (W) INV = 608.61NOTE 5: MH-SS-30136
RIM ELEV = 613.18
12" (N) INV = 607.72
4" (E) INV = 608.59
4" (W) INV = 607.88COMMUNICATION DUCT
AT&T
±ED = 36"

LEGEND

AERIAL
CABLE TV
ELECTRIC
FIBER OPTIC
GAS
TELEPHONE
WATER
OIL PIPELINE
UTILITIES Q-L-D
UNKNOWN
PROJECT LIMITS

— A — A — A —
— CTV — CTV — CTV —
— E — E — E —
— FO — FO — FO —
— G — G — G —
— T — T — T —
— W — W — W —
— O — O — O —
— U — U — U —
— UNK — UNK — UNK —

STORM SEWER Q-L-C
STORM SEWER Q-L-D
COMBINED SEWER Q-L-C
COMBINED SEWER Q-L-D

0 50 100
SCALE IN FEET

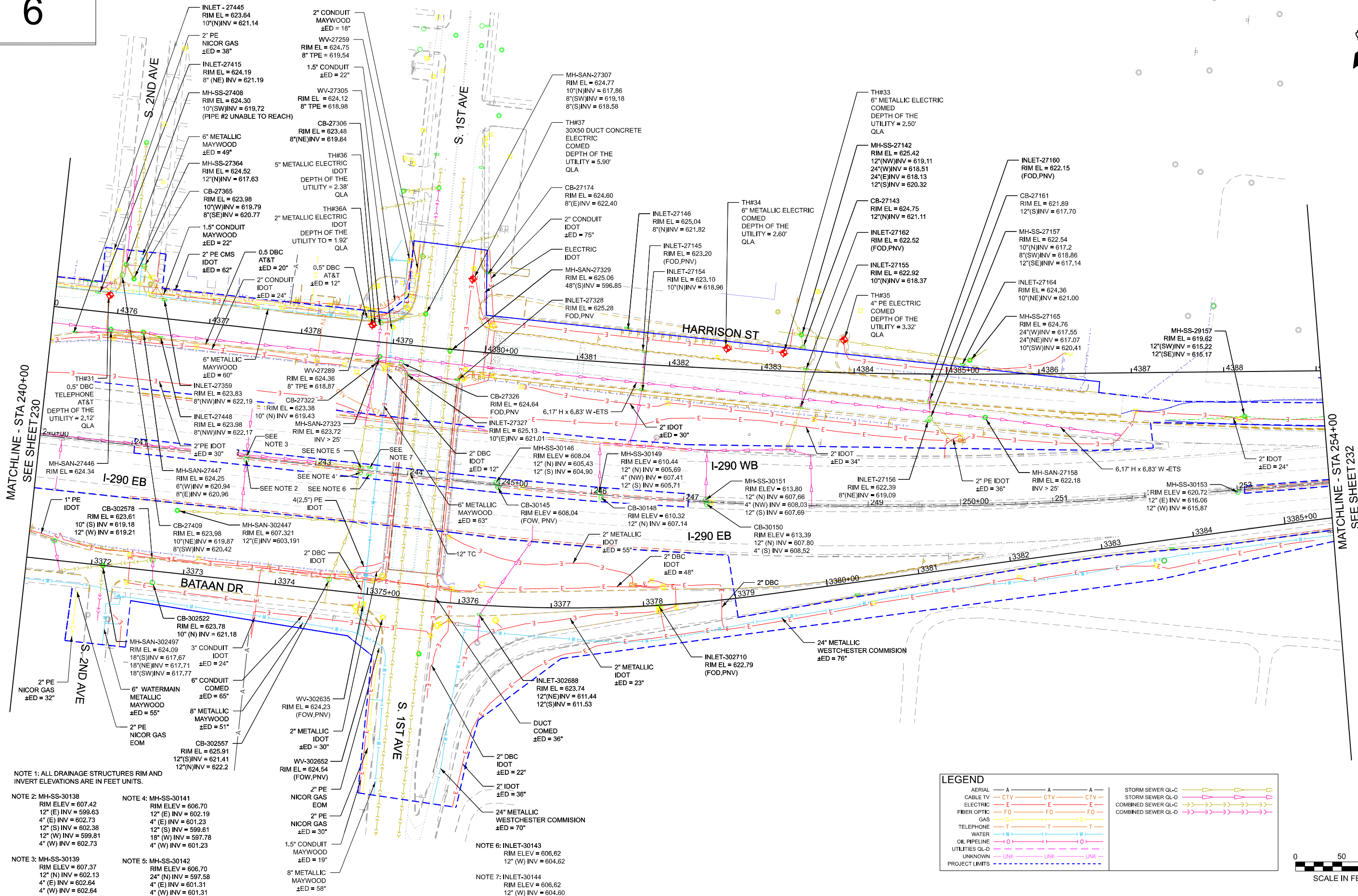
USER NAME	= akoller
DESIGNED	- AK
DRAWN	- AK
CHECKED	- AB
DATE	- 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONSUBSURFACE UTILITY ENGINEERING STUDY
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 226+00 TO STA. 240+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	230
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W(LW)(875)				



NOTE 1: ALL DRAINAGE STRUCTURES RIM AND INVERT ELEVATIONS ARE IN FEET UNITS.

NOTE 2: MH-SS-30138
RIM ELEV = 607.42
12" (E) INV = 599.63
4" (E) INV = 602.73
12" (S) INV = 602.38
12" (W) INV = 599.81
4" (W) INV = 602.73

NOTE 3: MH-SS-30139
RIM ELEV = 607.37
12" (N) INV = 602.13
4" (E) INV = 602.64
4" (W) INV = 602.64

NOTE 4: MH-SS-30141
RIM ELEV = 606.70
12" (E) INV = 602.19
4" (E) INV = 601.23
12" (S) INV = 599.61
18" (W) INV = 597.78
4" (W) INV = 601.23

NOTE 5: MH-SS-30142
RIM ELEV = 606.70
24" (N) INV = 597.58
4" (E) INV = 601.31
4" (W) INV = 601.31

NOTE 6: INLET-30143
RIM ELEV = 606.62
12" (W) INV = 604.62

NOTE 7: INLET-30144
RIM ELEV = 606.62
12" (W) INV = 604.60

LEGEND

AERIAL	— A —	A — A — A —	STORM SEWER QL-C	— S —
CABLE TV	— CTV —	CTV — CTV —	STORM SEWER QL-D	— S —
ELECTRIC	— E —	E — E — E —	COMBINED SEWER QL-C	— CS —
FIBER OPTIC	— FO —	FO — FO —	COMBINED SEWER QL-D	— CS —
GAS	— G —	G — G — G —		
TELEPHONE	— T —	T — T — T —		
WATER	— W —	W — W — W —		
OIL PIPELINE	— O —	O — O — O —		
UTILITIES Q-L-D	— Q —	Q — Q — Q —		
UNKNOWN	— UNK —	UNK — UNK —		
PROJECT LIMITS	— PL —	PL — PL —		

0 50 100
SCALE IN FEET



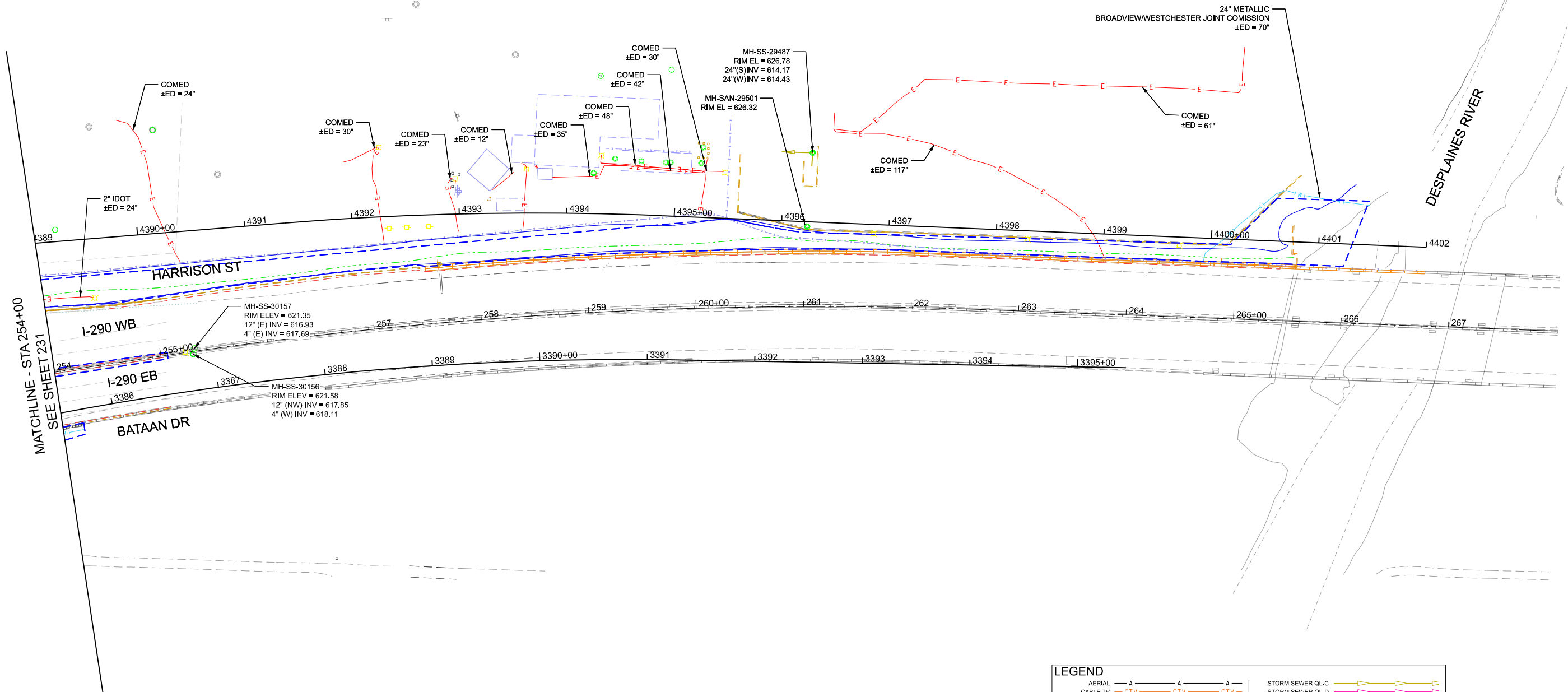
USER NAME	= akoller	DESIGNED	- AK
DRAWN	- AK	CHECKED	- AB
PLOT SCALE	= 0.166667' / in.	DATE	= 05/22/2026
PLOT DATE	= 6/24/2026		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING STUDY I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 240+00 TO STA. 254+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	231
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



NOTE 1: ALL DRAINAGE STRUCTURES RIM AND
INVERT ELEVATIONS ARE IN FEET UNITS.

LEGEND

AERIAL	A	A	A	STORM SEWER QL-C	
CABLE TV	CTV	CTV	CTV	STORM SEWER QL-D	
ELECTRIC	E	E	E	COMBINED SEWER QL-C	
FIBER OPTIC	FO	FO	FO	COMBINED SEWER QL-D	
GAS	G	G	G		
TELEPHONE	T	T	T		
WATER	W	W	W		
OIL PIPELINE	O	O	O		
UTILITIES QL-D	UNK	UNK	UNK		
UNKNOWN	UNK	UNK	UNK		
PROJECT LIMITS					



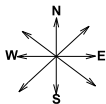
USER NAME = akoller	DESIGNED - AK	REVISED -
DRAWN - AK	REVISED -	
PLOT SCALE = 0.166667' / in.	CHECKED - AB	REVISED -
PLOT DATE = 6/24/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING STUDY I-290 FROM 22ND AVE TO DES PLAINES RIVER

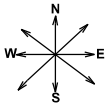
SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 254+00 TO STA. 268+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	232
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



TEST HOLE NUMBER	LOCATION	APPROXIMATE STATION	DATE	TYPE OF UTILITY	UTILITY SIZE (IN)	MATERIAL OF UTLITY	CROSS SECTION	UTILITY DIRECTION	OFFSET FROM (FT)	APPROXIMATE OFFSET (FT)	SURVEY POINT ID NUMBER	NORTHING	EASTING	EXISTING GROUND ELEVATION (FT)	TOP OF UTILITY FIELD DEPTH (FT)	TOP OF UTILITY ELEVATION (FT)	SURFACE TYPE	OWNER	QUALITY LEVEL	NOTES
1	BATAAN AVE	3311+85	5/6/2025	ELECTRIC	1.5	POLYETHYLENE PIPE			BOC	22.5 RT	103933	1895869.383'	1113987.004'	628.06	3.80	624.26	NATURAL GROUND	IDOT	A	
2	BATAAN AVE	3321+40	5/6/2025	ELECTRIC	1.5	POLYETHYLENE PIPE			BOC	11.4 RT	103937	1895858.976'	1114932.364'	614.07	1.68	612.39	NATURAL GROUND	IDOT	A	
3	BATAAN AVE	3321+54	5/6/2025	ELECTRIC	1.0	DIRECT BURIED CABLE			BOC	12.0 RT	103936	1895819.127'	1114947.457'	628.21	1.88	626.33	NATURAL GROUND	IDOT	A	
4	BATAAN AVE	3330+47	5/7/2025	ELECTRIC	2.0	POLYETHYLENE PIPE			BOC	12.8 RT	103938	1895876.600'	1115838.953'	620.71	1.52	619.19	NATURAL GROUND	IDOT	A	
5	BATAAN AVE	3335+21	5/7/2025	ELECTRIC	1.0	POLYETHYLENE PIPE			BOC	11.4 RT	103939	1895907.772'	1116313.119'	623.64	2.22	621.42	ASPHALT	IDOT	A	
6	BATAAN AVE	3349+83	5/8/2025	ELECTRIC	1.0	POLYETHYLENE PIPE			BOC	2.2 RT	103941	1895993.143'	1119671.474	622.41	2.38	620.03	NATURAL GROUND	IDOT	A	
7	BATAAN AVE	3368+81	5/8/2025	ELECTRIC	1.5	POLYETHYLENE PIPE			BOC	5.3 RT	103942	1895907.772'	1116313.119'	623.64	2.52	621.12	NATURAL GROUND	IDOT	A	
8	BATAAN AVE	3321+56	3/7/2025	ELECTRIC	40X24	CONCRETE			BOC	17.0 RT	103934	1895767.086'	1114954.275'	628.52	2.58	625.94	NATURAL GROUND	MAYWOOD	A	
8A	BATAAN AVE	3321+56	3/7/2025	ELECTRIC	1.0	POLYETHYLENE PIPE			BOC	17.0 RT	103935	1895766.562'	1114951.779'	628.67	1.62	627.05	NATURAL GROUND	IDOT	A	
9	BATAAN AVE	3308+62	3/8/2025	WATER	6.0	METALLIC			CL	14.0 RT	103931	1895854.029'	1895854.029'	628.46	5.34	623.12	ASPHALT	MAYWOOD	A	
10	BATAAN AVE	3311+81	3/8/2025	WATER	12	METALLIC			CL	10.2 RT	103932	1895824.744'	1113979.036'	628.33	4.78	623.55	ASPHALT	MAYWOOD	A	
11	BATAAN AVE	3342+68	5/9/2025	WATER	6.0	METALLIC			BOC	2.5 RT	103940	1895895.665'	1117059.984'	627.36	4.58	622.78	ASPHALT	MAYWOOD	A	
12	BATAAN AVE	3345+32	5/12/2025	WATER	12	METALLIC			BOC	5.0 RT	22875	1895888.677'	1117325.245'	627.93	6.58	621.35	ASPHALT	MAYWOOD	A	
13	HARRISON ST	4315+79	5/12/2025	ELECTRIC	1.0	POLYETHYLENE PIPE			BOC	6.2 RT	22878	1896053.984'	1113966.111'	627.94	2.28	625.66	NATURAL GROUND	IDOT	A	
14	HARRISON ST	4316+21	5/13/2025	ELECTRIC	2.0	POLYETHYLENE PIPE			BOC	7.0 RT	22879	1896055.426'	1114008.627'	628.12	2.08	626.04	NATURAL GROUND	IDOT	A	
15	HARRISON ST	4327+3	5/13/2025	ELECTRIC	2(0.5)	DIRECT BURIED CABLE			BOC	4.0 RT	22877	1896048.765'	1115088.925'	628.39	2.52	625.87	ASPHALT	IDOT	A	
16	BATAAN AVE	3361+59	5/14/2025	WATER	12	METALLIC			BOC	3.5 RT	22876	1895937.968'	1118951.185'	626.70	6.44	620.26	ASPHALT	MAYWOOD	A	
17	BATAAN AVE	3349+34	8/4/2025	WATER	6.0	POLYETHYLENE PIPE			CL	14.4 LT	22873	1895896.221'	1117726.744'	628.61	5.88	622.73	NATURAL GROUND	MAYWOOD	A	
18	BATAAN AVE	3361+59	8/5/2025	WATER	6.0	POLYETHYLENE PIPE			CL	8.4 LT	22874	1895938.023'	1118951.28'	626.55	6.46	620.09	ASPHALT	MAYWOOD	A	
19	BATAAN AVE	3342+68	8/5/2025	WATER	6.0	METALLIC			BOC	1.1RT	22872	1895894.903'	1117023.868'	627.03	5.18	621.85	ASPHALT	MAYWOOD	A	
20	HARRISON ST	4312+57	8/6/2025	WATER	8.0	METALLIC			CL	12.1 RT	22871	1896130.290'	1113649.811'	628.86	5.02	623.84	ASPHALT	MAYWOOD	A	
21	HARRISON ST	4325+52	8/6/2025	ELECTRIC	2.0	METALLIC			CL	18.1LT	22870	1896050.200'	1114942.987'	628.28	1.76	626.52	ASPHALT	MAYWOOD	A	
22	HARRISON ST	4329+41	8/7/2025	WATER	8.0	METALLIC			CL	8.8 RT	22869	1896092.091'	1115326.390'	628.86	4.72	624.14	ASPHALT	MAYWOOD	A	
23	HARRISON ST	4332+77	8/7/2025	WATER	8.0	METALLIC			CL	2.45 RT	22868	1896105.885'	1115661.558'	627.96	5.60	622.36	ASPHALT	MAYWOOD	A	
24	HARRISON ST	4359+65	8/8/2025	WATER	8.0	METALLIC			CL	12.8 RT	22861	1896223.201'	1118348.282'	628.60	5.02	623.58	ASPHALT	MAYWOOD	A	
24A	HARRISON ST	4359+66	8/8/2025	GAS	2.0	POLYETHYLENE PIPE			CL	22.8 RT	22862	1896223.129'	1118346.884'	628.77	3.01	625.76	ASPHALT	NICOR GAS	A	

MODEL SHEET 1
FILE NAME: C:\Engineering\Utility\des\25001_1-290 FRS PH\03_CADD\01_Sheets\03SUED\I290X020-sh-honmark-SUE.dgn



TEST HOLE NUMBER	LOCATION	APPROXIMATE STATION	DATE	TYPE OF UTILITY	UTILITY SIZE (IN)	MATERIAL OF UTLITY	CROSS SECTION	UTILITY DIRECTION	OFFSET FROM (FT)	APPROXIMATE OFFSET (FT)	SURVEY POINT ID NUMBER	NORTHING	EASTING	EXISTING GROUND ELEVATION (FT)	TOP OF UTILITY FIELD DEPTH (FT)	TOP OF UTILITY ELEVATION (FT)	SURFACE TYPE	OWNER	QUALITY LEVEL	NOTES
25	HARRISON ST	4356+34	8/8/2025	WATER	8.0	METALLIC		↔	CL	23.4 LT	22864	1896213.548'	1118016.360'	628.61	4.31	624.30	ASPHALT	MAYWOOD	A	
25A	HARRISON ST	4356+36	8/8/2025	GAS	2.0	POLYETHYLENE PIPE		↔	CL	23.4 LT	22863	1896213.521'	1118017.996'	628.55	3.20	625.35	ASPHALT	NICOR GAS	A	
26	HARRISON ST	4362+97	8/11/2025	WATER	8.0	METALLIC		↑↓	CL	24.5 LT	22860	1896234.237'	1118678.937'	628.71	4.24	624.47	ASPHALT	MAYWOOD	A	
27	HARRISON ST	4362+70	8/11/2025	ELECTRIC	10X10	CONCRETE DUCT		↑↓	CL	16.1 LT	22859	1896225.608'	1118652.045'	628.76	1.32	627.44	ASPHALT	MAYWOOD	A	
28	HARRISON ST	4364+18	8/12/2025	TELEPHONE	0.5	DIRECT BURIED CABLE		↑↓	CL	18.0 LT	22858	1896231.882'	1118830.348'	628.39	1.50	626.89	ASPHALT	ATT	A	
29	HARRISON ST	4349+18	8/12/2025	WATER	12.0	METALLIC		↔	CL	10.6 LT	22866	1896175.352	1117300.257	628.51	3.60	624.91	ASPHALT	MAYWOOD	A	
30	HARRISON ST	4345+56	8/13/2025	FIBRE OPTIC	4.0	POLYETHYLENE PIPE		↘	CL	18 RT	22867	1896132.443'	1116940.894'	627.77	8.84	618.93	ASPHALT	UNKNOWN	A	
31	HARRISON ST	4375+87	8/14/2025	TELEPHONE	0.5	DIRECT BURIED CABLE		↑↓	CL	14.2 LT	22850	1896266.608'	1119970.989'	624.50	2.12	622.38	ASPHALT	ATT	A	
32	HARRISON ST	4365+97	8/14/2025	TELEPHONE	24X20	CONCRETE		↑↓	CL	14 LT	22856	1896237.495'	1118978.781'	626.98	2.99	623.99	ASPHALT	ATT	A	
33	HARRISON ST	4383+23	8/15/2025	ELECTRIC	6.0	METALLIC		↔	BOC	7.6 LT	22853	1896305.190'	1120701.820'	624.92	2.50	622.42	NATURAL GROUND	COMED	A	
34	HARRISON ST	4382+61	8/15/2025	ELECTRIC	6.0	METALLIC		↔	BOC	10 LT	22852	1896301.428'	1120640.362'	625.14	2.60	622.54	NATURAL GROUND	COMED	A	
35	HARRISON ST	4383+88	8/18/2025	ELECTRIC	4.0	POLYETHYLENE PIPE		↑↓	BOC	4.3 LT	22854	1896328.297'	1120764.437'	625.89	3.32	622.57	NATURAL GROUND	COMED	A	
36	HARRISON ST	4378+76	8/18/2025	ELECTRIC	5.0	METALLIC		↘	BOC	3.9 LT	22848	1896274.185'	1120257.063'	623.92	2.38	621.54	ASPHALT	IDOT	A	
36A	HARRISON ST	4378+75	8/18/2025	ELECTRIC	2	METALLIC		↘	BOC	3.9 LT	22849	1896273.966'	1120256.748'	623.95	1.92	622.03	ASPHALT	IDOT	A	
37	HARRISON ST	4379+79	8/19/2025	ELECTRIC	30X50	CONCRETE		↑↓	CL	21.6 LT	22851	1896337.981'	1120357.488'	624.69	5.90	618.79	ASPHALT	COMED	A	
38	HARRISON ST	4365+88	8/19/2025	ELECTRIC	18X12	CONCRETE		↑↓	CL	17.8 LT	22857	1896236.310'	1118970.255'	626.69	2.94	623.75	ASPHALT	MAYWOOD	A	
39	HARRISON ST	4353+30	8/20/2025	ELECTRIC	36X24	CONCRETE DUCT		↑↓	CL	15.4 RT	22865	1896165.586'	1117686.118'	628.86	2.56	626.30	ASPHALT	COMED	A	
40	HARRISON ST	4365+94	8/22/2025	WATER	8.0	METALLIC		↔	CL	26.5 LT	22855	1896242.306'	1118975.453'	626.62	5.22	621.40	ASPHALT	MAYWOOD	A	

MODEL SHEET 2
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USER NAME = akoller	DESIGNED - AK	REVISED -
	DRAWN - YM	REVISED -
PLOT SCALE = 100,000' / 1".	CHECKED - AB	REVISED -
PLOT DATE = 6/24/2026	DATE - 05/22/2026	REVISED -

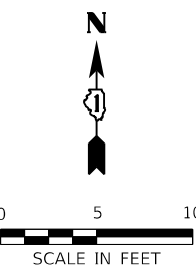
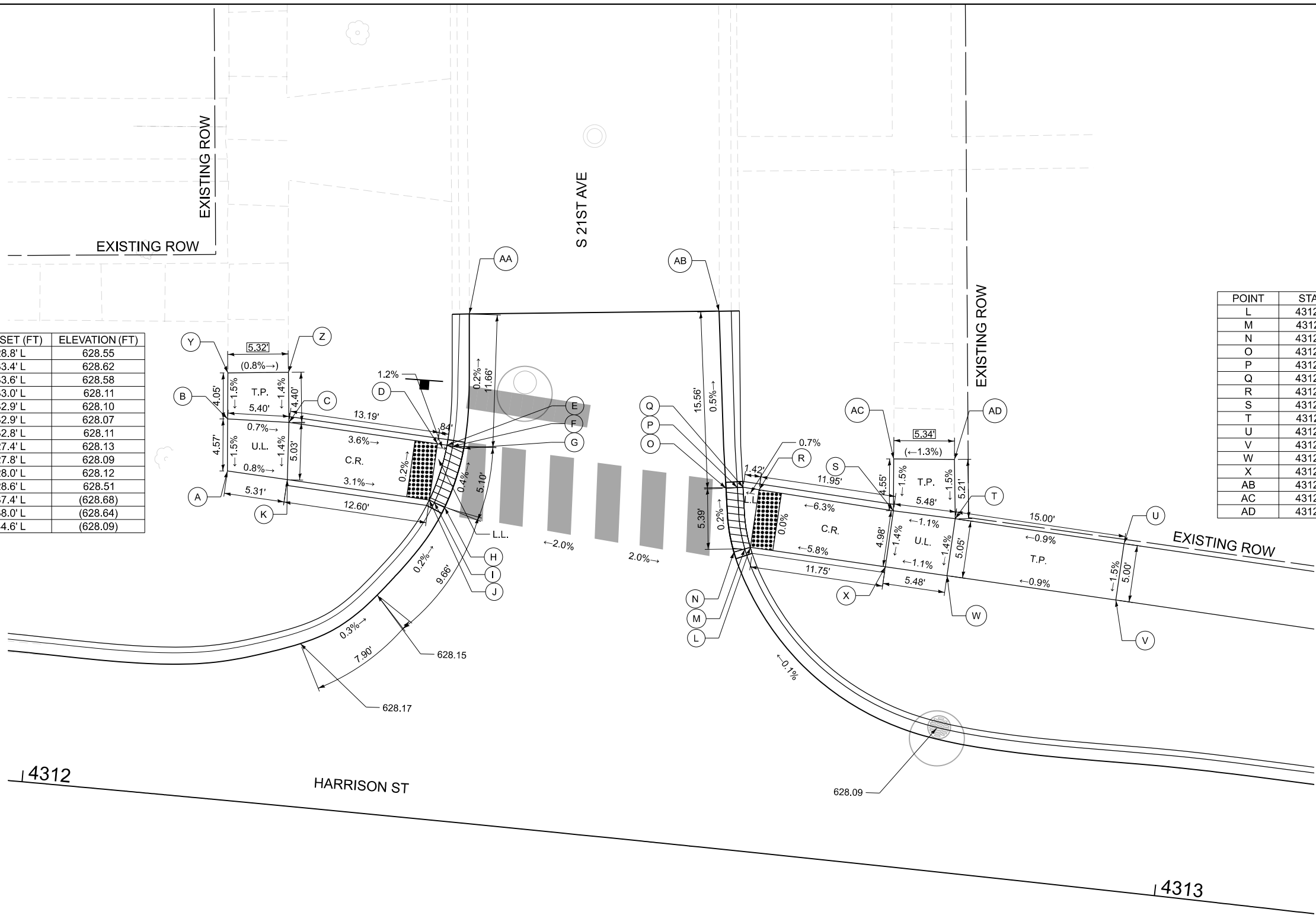
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY ENGINEERING UTILITY MATRIX I-290 FROM 22ND AVE TO DES PLAINES RIVER			
SCALE: --	SHEET 10 OF 10 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	234
CONTRACT NO. 62X09				
ILLINOIS		FED. AID PROJECT 6W/LW(875)		

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4312+15.4	28.8' L	628.55
B	4312+15.0	33.4' L	628.62
C	4312+20.4	33.6' L	628.58
D	4312+33.5	33.0' L	628.11
E	4312+34.3	32.9' L	628.10
F	4312+34.8	32.9' L	628.07
G	4312+35.8	32.8' L	628.11
H	4312+34.6	27.4' L	628.13
I	4312+33.7	27.8' L	628.09
J	4312+33.2	28.0' L	628.12
K	4312+20.7	28.6' L	628.51
Y	4312+14.7	37.4' L	(628.68)
Z	4312+19.9	38.0' L	(628.64)
AA	4312+35.1	44.6' L	(628.09)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
L	4312+61.5	26.6' L	628.10
M	4312+61.1	26.5' L	628.07
N	4312+60.2	26.1' L	628.11
O	4312+58.9	31.6' L	628.10
P	4312+59.9	31.7' L	628.06
Q	4312+60.4	31.8' L	628.09
R	4312+61.8	31.7' L	628.10
S	4312+73.6	31.1' L	628.85
T	4312+79.1	31.0' L	628.91
U	4312+94.0	30.4' L	629.05
V	4312+93.8	25.4' L	628.98
W	4312+78.9	26.0' L	628.84
X	4312+73.4	26.2' L	628.78
AB	4312+56.7	47.0' L	(628.03)
AC	4312+73.2	35.7' L	(628.92)
AD	4312+78.5	36.2' L	(628.99)



LEGEND

- XX.XX'

EXISTING LENGTH
- DEPRESSED CURB & GUTTER/
DEPRESSED CURB
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT PATCHING
- L.L.

LOWER LANDING
- ()

EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS (SPECIAL)
- U.L.

UPPER LANDING
- T.P.

TRANSITION PANEL

- NOTES:
- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
 - SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
 - SEE SHEETS 55 - 62 FOR BENCHMARKS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	235
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

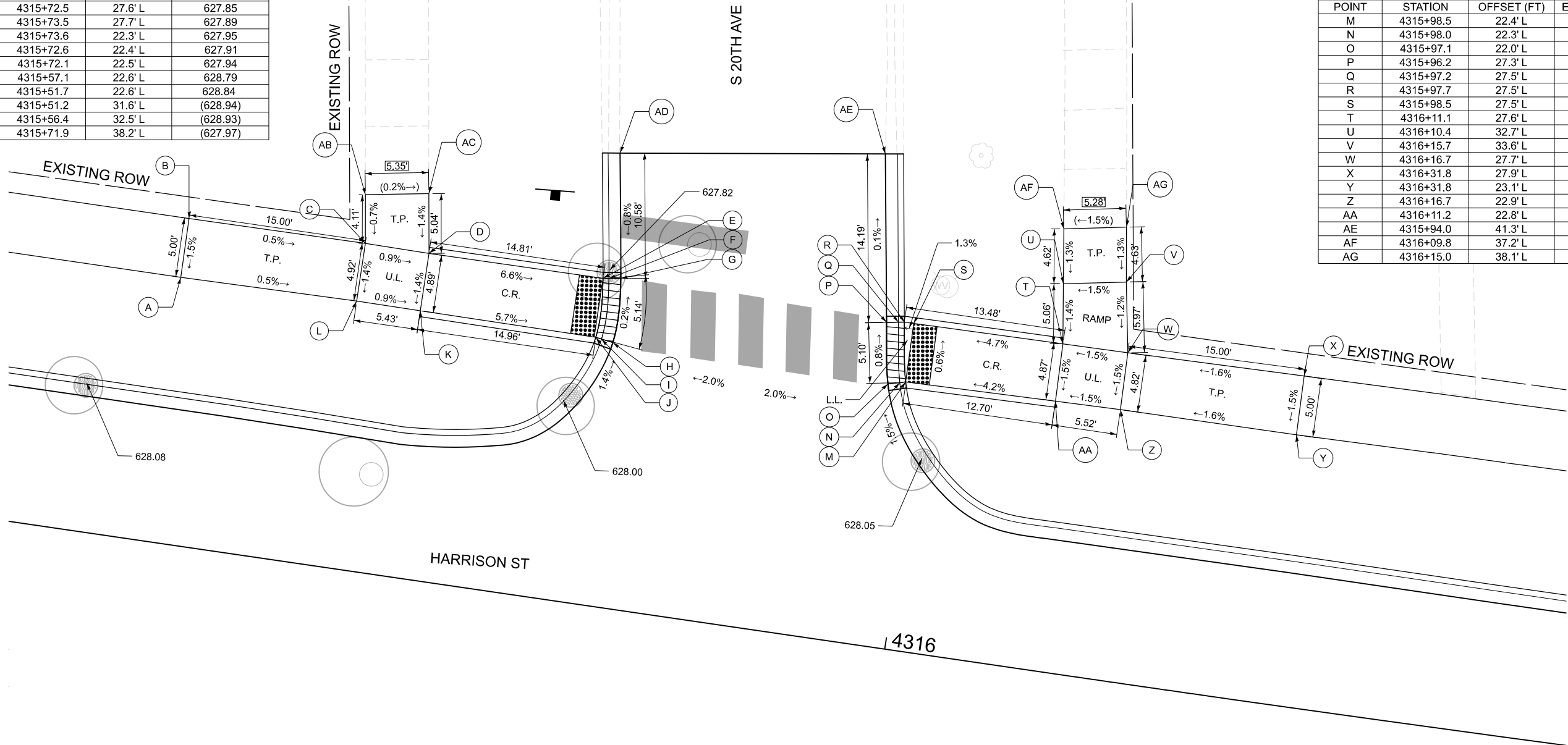
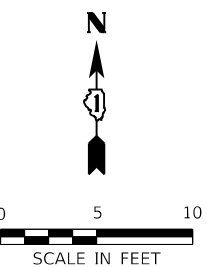
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USER NAME	= jls	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	CHECKED	- AB	REVISED	-
PLOT SCALE	= 0.16666633" / in.	DATE	- 05/22/2026	REVISED	-
PLOT DATE	= 7/20/2026				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4315+36.8	22.4' L	628.92
B	4315+36.7	27.5' L	628.99
C	4315+51.7	27.5' L	628.91
D	4315+57.2	27.5' L	628.86
E	4315+72.0	27.5' L	627.88
F	4315+72.5	27.6' L	627.85
G	4315+73.5	27.7' L	627.89
H	4315+73.6	22.3' L	627.95
I	4315+72.6	22.4' L	627.91
J	4315+72.1	22.5' L	627.94
K	4315+57.1	22.6' L	628.79
L	4315+51.7	22.6' L	628.84
AB	4315+51.2	31.6' L	(628.94)
AC	4315+56.4	32.5' L	(628.93)
AD	4315+71.9	38.2' L	(627.97)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
M	4315+98.5	22.4' L	627.98
N	4315+98.0	22.3' L	627.95
O	4315+97.1	22.0' L	627.99
P	4315+96.2	27.3' L	627.95
Q	4315+97.2	27.5' L	627.91
R	4315+97.7	27.5' L	627.94
S	4315+98.5	27.5' L	627.95
T	4316+11.1	27.6' L	628.58
U	4316+10.4	32.7' L	628.65
V	4316+15.7	33.6' L	628.73
W	4316+16.7	27.7' L	628.66
X	4316+31.8	27.9' L	628.90
Y	4316+31.8	23.1' L	628.83
Z	4316+16.7	22.9' L	628.59
AA	4316+11.2	22.8' L	628.51
AE	4315+94.0	41.3' L	(627.94)
AF	4316+09.8	37.2' L	(628.71)
AG	4316+15.0	38.1' L	(628.79)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	T.P.	TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison S ADA - ADA-02 (Sheet)
FILE NAME: C:\Engineering\Harrison\2025\01_220 FRS Ph 103_CADD\01_Sheets\13-ADA\120209-shr-ADA-HarrisonS.dgn



USER NAME	= jploquin	DESIGNED	- JLS
DRAWN	- JLS	REVISED	-
PLOT SCALE	= 0.16666633' / In.	CHECKED	- AB
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

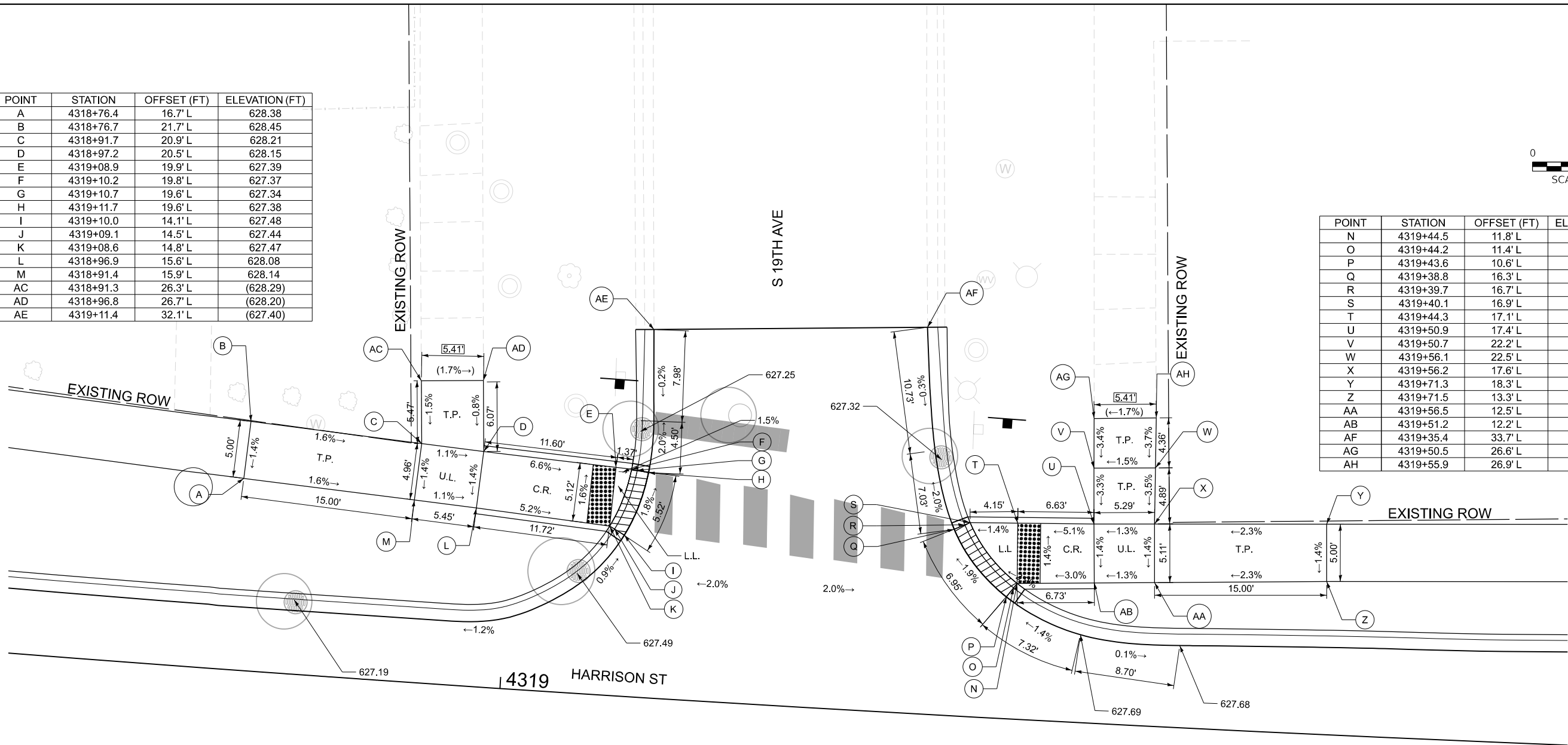
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 2 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	236
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4318+76.4	16.7' L	628.38
B	4318+76.7	21.7' L	628.45
C	4318+91.7	20.9' L	628.21
D	4318+97.2	20.5' L	628.15
E	4319+08.9	19.9' L	627.39
F	4319+10.2	19.8' L	627.37
G	4319+10.7	19.6' L	627.34
H	4319+11.7	19.6' L	627.38
I	4319+10.0	14.1' L	627.48
J	4319+09.1	14.5' L	627.44
K	4319+08.6	14.8' L	627.47
L	4318+96.9	15.6' L	628.08
M	4318+91.4	15.9' L	628.14
AC	4318+91.3	26.3' L	(628.29)
AD	4318+96.8	26.7' L	(628.20)
AE	4319+11.4	32.1' L	(627.40)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
N	4319+44.5	11.8' L	627.62
O	4319+44.2	11.4' L	627.59
P	4319+43.6	10.6' L	627.63
Q	4319+38.8	16.3' L	627.50
R	4319+39.7	16.7' L	627.46
S	4319+40.1	16.9' L	627.49
T	4319+44.3	17.1' L	627.55
U	4319+50.9	17.4' L	627.89
V	4319+50.7	22.2' L	628.05
W	4319+56.1	22.5' L	628.13
X	4319+56.2	17.6' L	627.96
Y	4319+71.3	18.3' L	628.31
Z	4319+71.5	13.3' L	628.24
AA	4319+56.5	12.5' L	627.89
AB	4319+51.2	12.2' L	627.82
AF	4319+35.4	33.7' L	(627.35)
AG	4319+50.5	26.6' L	(628.20)
AH	4319+55.9	26.9' L	(628.29)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	T.P.	TRANSITION PANEL

NOTES:

- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
- SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
- SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison St ADA ADA-03 (Sheet)
FILE NAME: C:\Engineering\Illinois\2501_250 FRS Ph 103_CADD\01_Sheets\13-ADA\12\2509-shr-ADA-HarrisonSt.dgn



USER NAME	= jploquin	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVIS	-	REVIS	-
PLOT SCALE	= 0.16666633" / In.	CHECKED	- AB	REVIS	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVIS	-

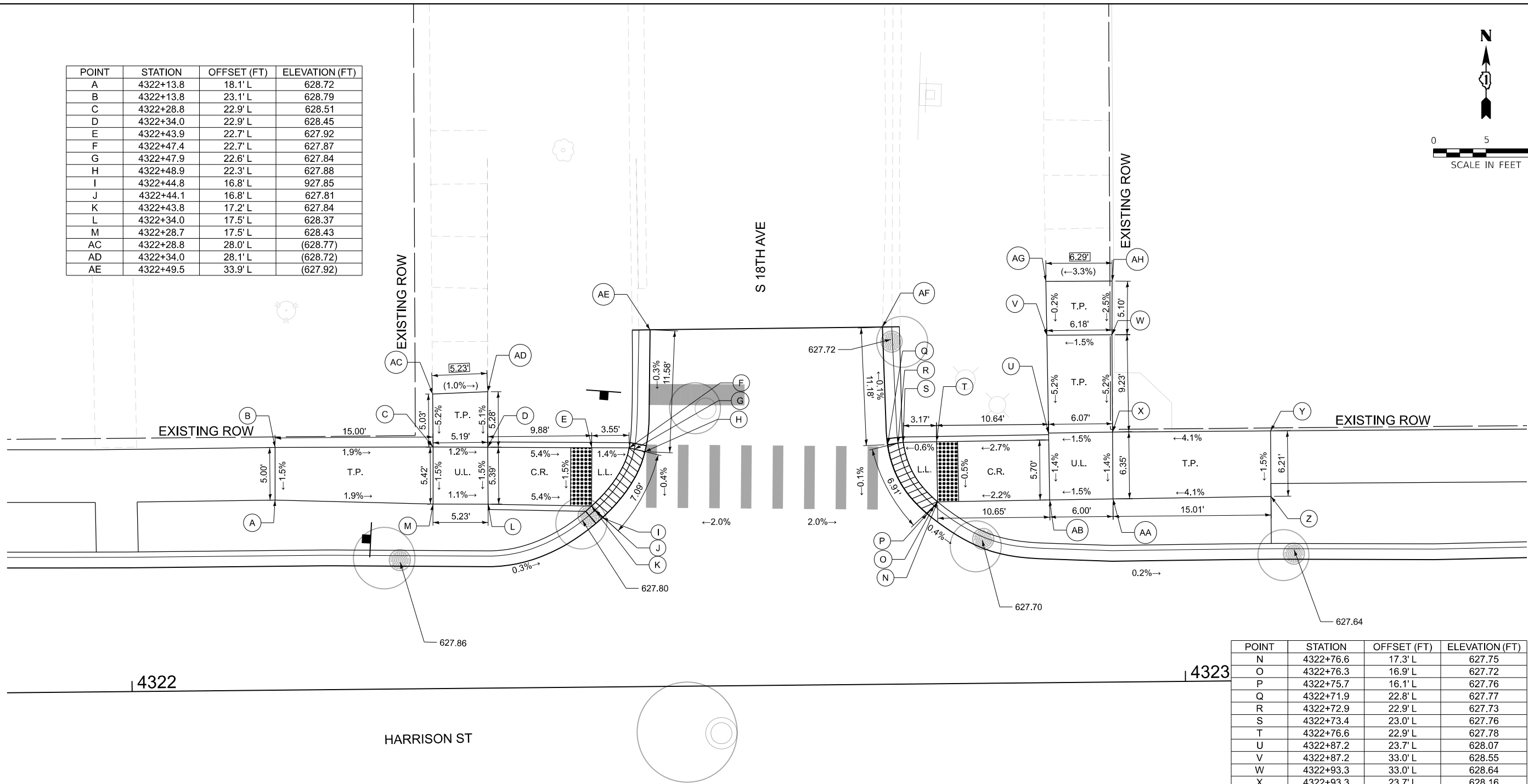
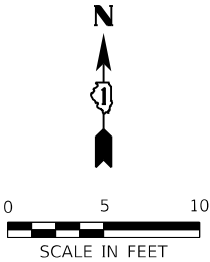
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 3 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	237
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4322+13.8	18.1' L	628.72
B	4322+13.8	23.1' L	628.79
C	4322+28.8	22.9' L	628.51
D	4322+34.0	22.9' L	628.45
E	4322+43.9	22.7' L	627.92
F	4322+47.4	22.7' L	627.87
G	4322+47.9	22.6' L	627.84
H	4322+48.9	22.3' L	627.88
I	4322+44.8	16.8' L	927.85
J	4322+44.1	16.8' L	627.81
K	4322+43.8	17.2' L	627.84
L	4322+34.0	17.5' L	628.37
M	4322+28.7	17.5' L	628.43
AC	4322+28.8	28.0' L	(628.77)
AD	4322+34.0	28.1' L	(628.72)
AE	4322+49.5	33.9' L	(627.92)



POINT	STATION	OFFSET (FT)	ELEVATION (FT)
N	4322+76.6	17.3' L	627.75
O	4322+76.3	16.9' L	627.72
P	4322+75.7	16.1' L	627.76
Q	4322+71.9	22.8' L	627.77
R	4322+72.9	22.9' L	627.73
S	4322+73.4	23.0' L	627.76
T	4322+76.6	22.9' L	627.78
U	4322+87.2	23.7' L	628.07
V	4322+87.2	33.0' L	628.55
W	4322+93.3	33.0' L	628.64
X	4322+93.3	23.7' L	628.16
Y	4323+08.3	23.7' L	628.77
Z	4323+08.3	17.5' L	628.68
AA	4322+93.3	17.4' L	628.07
AB	4322+87.3	17.4' L	627.98
AF	4322+71.6	33.9' L	(627.76)
AG	4322+87.1	38.1' L	(628.56)
AH	4322+93.4	38.1' L	(628.77)

LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	C.R.	CURB RAMP
						T.P.	TRANSITION PANEL
						U.L.	UPPER LANDING

NOTES:

- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
- SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
- SEE SHEETS 55 - 62 FOR BENCHMARKS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

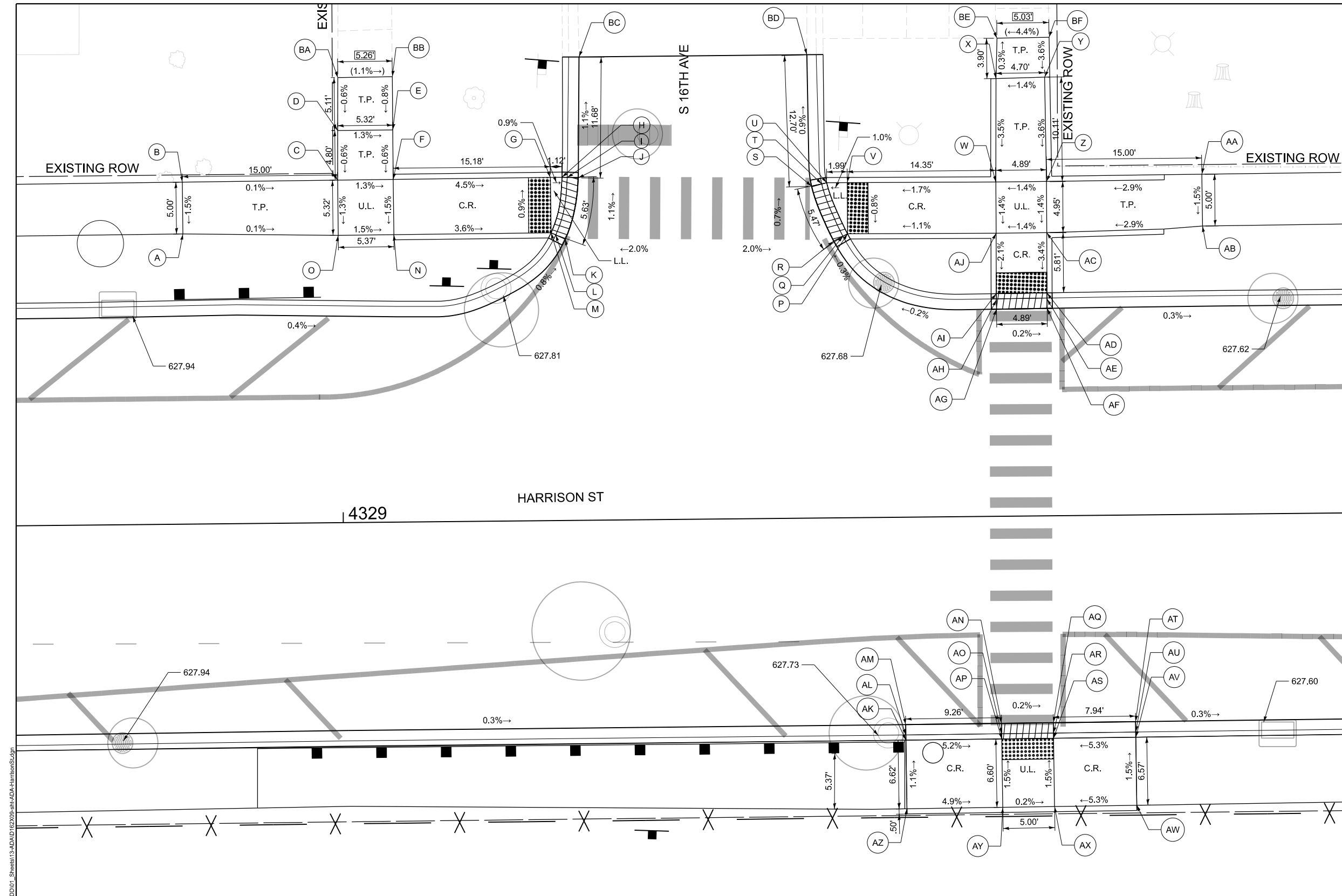
SCALE: 1"=5' SHEET 4 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	238
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



USER NAME = jploquin	DESIGNED - JLS	REVISED -
	DRAWN - JLS	REVISED -
PLOT SCALE = 0.16666633" / 1ft.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

MODEL: Harrison St ADA ADA-05 (Sheet)
FILE NAME: C:\Engineering\HarrisonSt\55001_1290 FRS Ph\03_CADD\01_Sheets\13-ADA\1290-8th-ADA-HarrisonSt.dgn



POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4328+84.8	28.0' L	628.43
B	4328+84.8	33.0' L	628.50
C	4328+99.8	33.1' L	628.48
D	4328+99.8	37.9' L	628.51
E	4329+05.1	37.9' L	628.44
F	4329+05.1	33.1' L	628.41
G	4329+20.3	33.1' L	627.73
H	4329+21.4	33.1' L	627.72
I	4329+22.0	33.1' L	627.69
J	4329+23.0	33.1' L	627.73
K	4329+21.7	27.2' L	627.79
L	4329+20.8	27.6' L	627.75
M	4329+20.3	27.8' L	627.78
N	4329+05.2	27.8' L	627.33
O	4328+99.8	27.8' L	628.40
BA	4328+99.8	43.0' L	(628.54)
BB	4329+05.2	43.0' L	(628.48)
BC	4329+23.2	44.7' L	(627.60)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
P	4329+49.0	27.4' L	627.69
Q	4329+48.5	27.2' L	627.66
R	4329+47.6	26.7' L	627.70
S	4329+45.5	32.1' L	627.66
T	4329+46.5	32.3' L	627.62
U	4329+47.0	32.4' L	627.65
V	4329+49.0	32.4' L	627.67
W	4329+63.3	32.3' L	627.92
X	4329+63.4	42.3' L	628.28
Y	4329+68.1	42.4' L	628.35
Z	4329+68.2	32.3' L	627.99
AA	4329+83.2	32.8' L	628.43
AB	4329+83.2	27.8' L	628.36
AC	4329+68.2	27.3' L	627.92
AD	4329+68.7	21.5' L	627.72
AE	4329+68.7	20.9' L	627.69
AF	4329+68.7	20.0' L	627.73
AG	4329+62.8	20.0' L	627.74
AH	4329+62.8	20.9' L	627.70
AI	4329+62.8	21.5' L	627.73
AJ	4329+63.3	27.3' L	627.85
BD	4329+45.2	44.7' L	(627.54)
BE	4329+63.6	46.2' L	(628.27)
BF	4329+68.6	46.2' L	(628.49)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
AK	4329+54.1	21.5' R	628.21
AL	4329+54.1	21.0' R	627.71
AM	4329+54.1	20.0' R	627.77
AN	4329+63.4	20.0' R	627.74
AO	4329+63.4	21.0' R	627.70
AP	4329+63.4	21.1' R	627.73
AQ	4329+68.4	20.0' R	627.73
AR	4329+68.4	21.0' R	627.69
AS	4329+68.4	21.5' R	627.72
AT	4329+76.3	20.0' R	627.70
AU	4329+76.3	21.0' R	627.64
AV	4329+76.3	21.4' R	628.14
AW	4329+76.3	28.0' R	628.24
AX	4329+68.4	28.1' R	627.82
AY	4329+63.4	28.1' R	627.83
AZ	4329+54.2	28.2' R	628.28

LEGEND

XX.XX' EXISTING LENGTH

DEPRESSED CURB & GUTTER/
DEPRESSED CURB

PROPOSED SIDEWALK

PROPOSED PAVEMENT PATCHING

L.L. LOWER LANDING

() EXISTING ELEVATION/SLOPE

PROPOSED SIDE CURB

DETECTABLE WARNINGS (SPECIAL)

U.L. UPPER LANDING

T.P. TRANSITION PANEL

NOTES:

- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
- SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
- SEE SHEETS 55 - 62 FOR BENCHMARKS.



USER NAME = jploquinio	DESIGNED - JLS	REVISED -
DRAWN - JLS	REVISED -	
PLOT SCALE = 0.16666633" / 1 in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

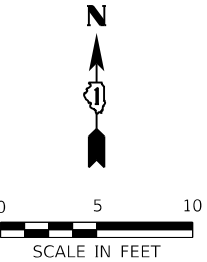
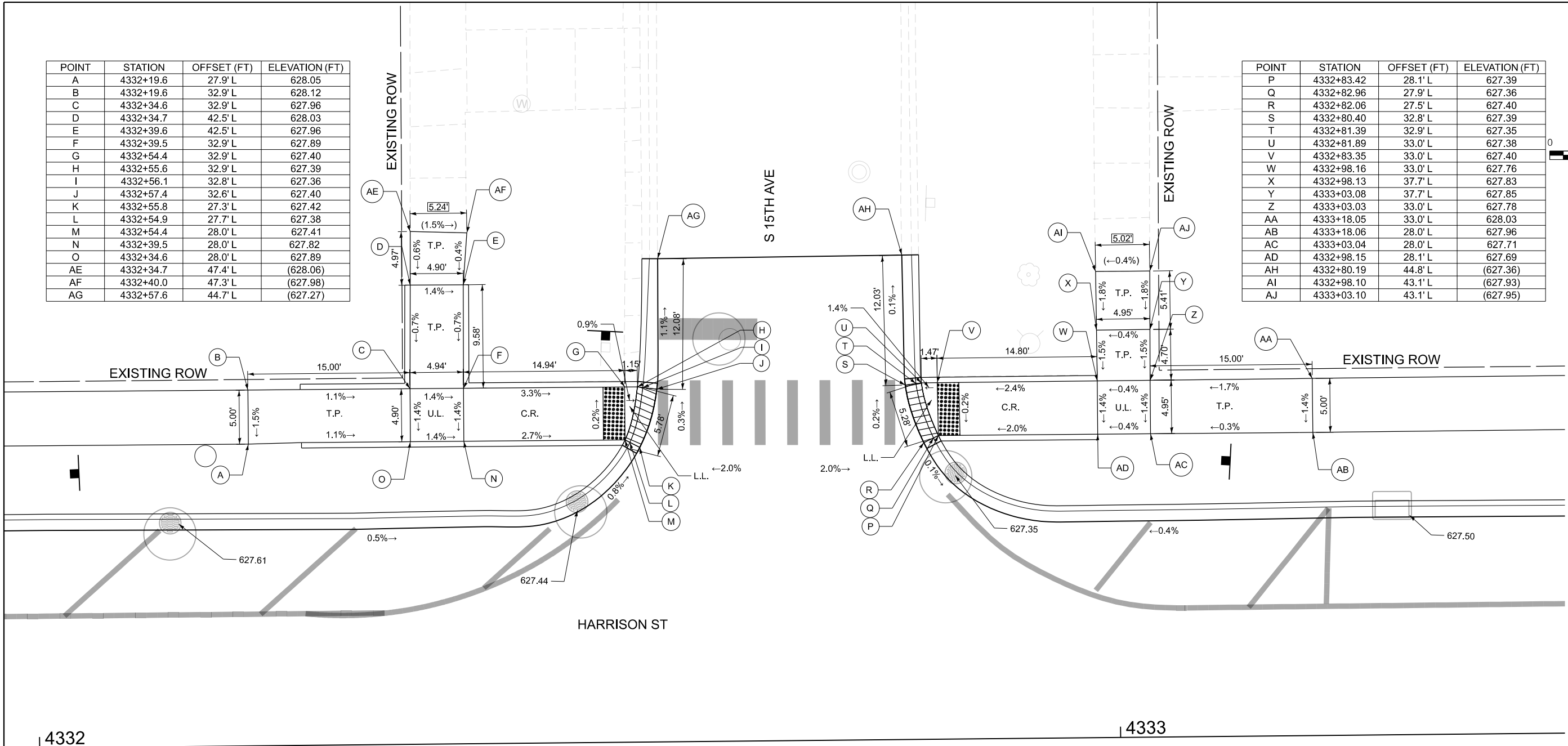
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 5 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	239
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4332+19.6	27.9' L	628.05
B	4332+19.6	32.9' L	628.12
C	4332+34.6	32.9' L	627.96
D	4332+34.7	42.5' L	628.03
E	4332+39.6	42.5' L	627.96
F	4332+39.5	32.9' L	627.89
G	4332+54.4	32.9' L	627.40
H	4332+55.6	32.9' L	627.39
I	4332+56.1	32.8' L	627.36
J	4332+57.4	32.6' L	627.40
K	4332+55.8	27.3' L	627.42
L	4332+54.9	27.7' L	627.38
M	4332+54.4	28.0' L	627.41
N	4332+39.5	28.0' L	627.82
O	4332+34.6	28.0' L	627.89
AE	4332+34.7	47.4' L	(628.06)
AF	4332+40.0	47.3' L	(627.98)
AG	4332+57.6	44.7' L	(627.27)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
P	4332+83.42	28.1' L	627.39
Q	4332+82.96	27.9' L	627.36
R	4332+82.06	27.5' L	627.40
S	4332+80.40	32.8' L	627.39
T	4332+81.39	32.9' L	627.35
U	4332+81.89	33.0' L	627.38
V	4332+83.35	33.0' L	627.40
W	4332+98.16	33.0' L	627.76
X	4332+98.13	37.7' L	627.83
Y	4333+03.08	37.7' L	627.85
Z	4333+03.03	33.0' L	627.78
AA	4333+18.05	33.0' L	628.03
AB	4333+18.06	28.0' L	627.96
AC	4333+03.04	28.0' L	627.71
AD	4332+98.15	28.1' L	627.69
AH	4332+80.19	44.8' L	(627.36)
AI	4332+98.10	43.1' L	(627.93)
AJ	4333+03.10	43.1' L	(627.95)



LEGEND

XX.XX' EXISTING LENGTH

DEPRESSED CURB & GUTTER/
DEPRESSED CURB

PROPOSED SIDEWALK

PROPOSED PAVEMENT PATCHING

L.L. LOWER LANDING

() EXISTING ELEVATION/SLOPE

PROPOSED SIDE CURB

DETECTABLE WARNINGS (SPECIAL)

U.L. UPPER LANDING

T.P. TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison St ADA ADA-06 (Sheet)
FILE NAME: C:\Engineering\HarrisonSt\55001_1290 FRS Ph 103_CADD\01_Sheets\13-ADA\129009-shr-ADA-HarrisonSt.dgn



USER NAME = jploquin
PLOT SCALE = 0.16666633" / 1in.
PLOT DATE = 7/20/2026

DESIGNED - JLS
DRAWN - JLS
CHECKED - AB
DATE - 05/22/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

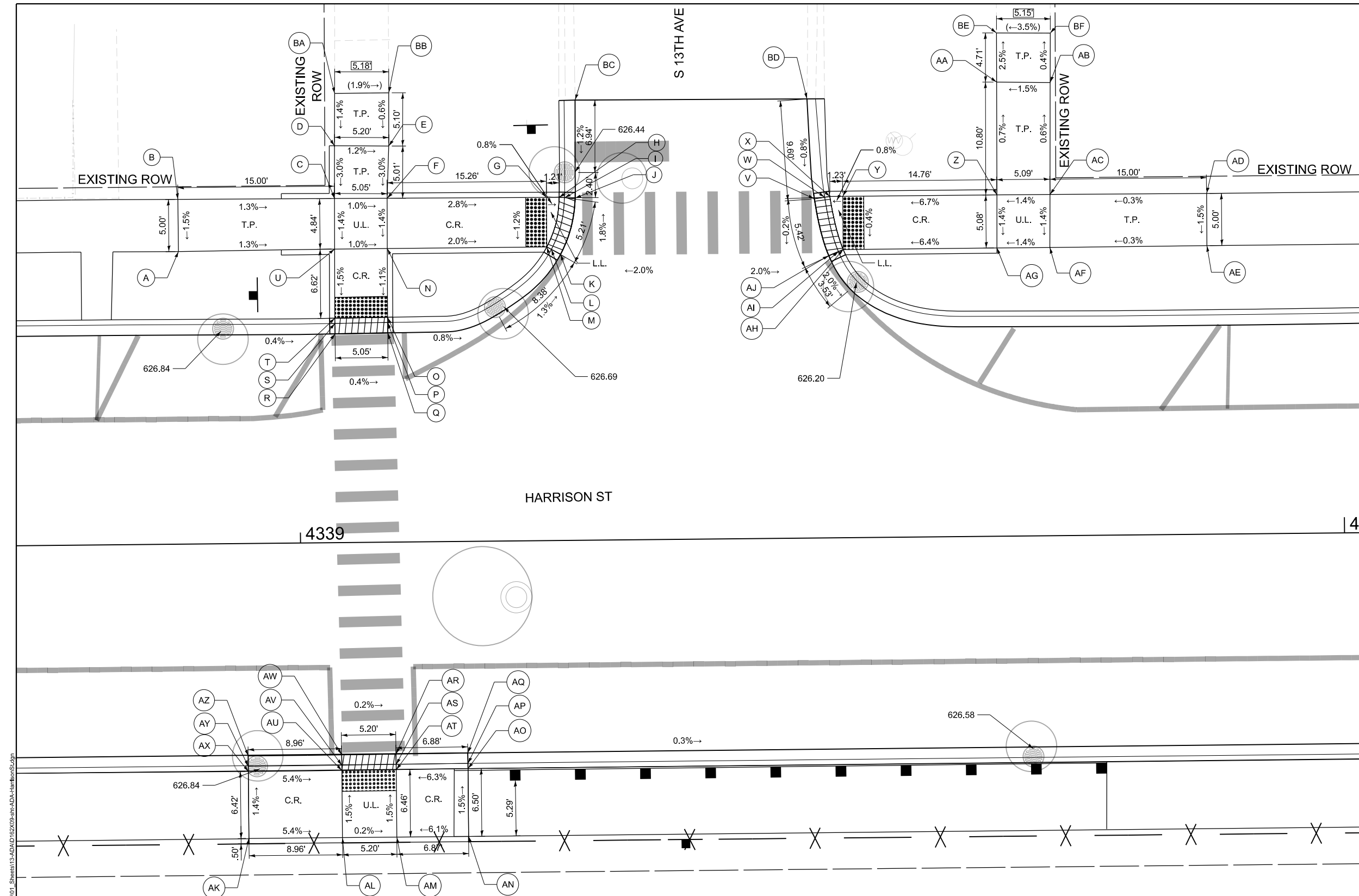
SCALE: 1"=5'

SHEET 6 OF 18 SHEETS

STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	240
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL: Harrison St ADA ADA-08 (Sheet)
FILE NAME: C:\Engineering\I-290\2024\1220 FBS PH\03_CADD\01_Sheets\13-ADA\162X09-shr-ADA-HarrisonSt.dgn



POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4338+88.6	28.0' L	627.12
B	4338+88.6	33.0' L	627.19
C	4339+03.6	33.0' L	627.00
D	4339+03.6	38.0' L	627.16
E	4339+08.9	37.9' L	627.10
F	4339+08.6	32.9' L	626.95
G	4339+23.9	32.9' L	626.52
H	4339+25.1	32.9' L	626.51
I	4339+25.6	32.8' L	626.48
J	4339+26.6	32.8' L	626.52
K	4339+25.2	27.4' L	626.58
L	4339+24.3	27.9' L	626.54
M	4339+23.9	28.1' L	626.57
N	4339+08.6	28.1' L	626.88
O	4339+08.5	21.5' L	626.81
P	4339+08.5	21.0' L	626.78
Q	4339+08.5	20.0' L	626.82
R	4339+03.5	20.0' L	626.84
S	4339+03.5	21.0' L	626.80
T	4339+03.5	21.5' L	626.83
U	4339+03.5	28.1' L	626.93
BA	4339+03.7	43.0' L	(627.23)
BB	4339+08.9	43.0' L	(627.13)
BC	4339+26.7	42.2' L	(626.52)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
V	4339+49.5	32.5' L	626.28
W	4339+50.5	32.6' L	626.24
X	4339+51.2	32.7' L	626.27
Y	4339+52.2	32.7' L	626.28
Z	4339+67.0	32.7' L	627.27
AA	4339+67.1	43.5' L	627.19
AB	4339+72.2	43.4' L	627.27
AC	4339+72.1	32.7' L	627.34
AD	4339+87.1	32.6' L	627.39
AE	4339+87.1	27.6' L	627.32
AF	4339+72.0	27.6' L	627.27
AG	4339+67.1	27.6' L	627.20
AH	4339+52.3	27.6' L	626.26
AI	4339+51.8	27.4' L	626.23
AJ	4339+50.9	27.0' L	626.27
BD	4339+48.9	42.0' L	(626.32)
BE	4339+67.1	48.2' L	(627.07)
BF	4339+72.3	48.2' L	(627.25)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
AK	4338+94.8	28.3' R	627.39
AL	4339+03.8	28.3' R	626.92
AM	4339+09.0	28.3' R	626.91
AN	4339+15.8	28.3' R	627.33
AO	4339+15.8	21.8' R	627.24
AP	4339+15.8	21.3' R	626.74
AQ	4339+15.8	20.3' R	626.80
AR	4339+09.0	20.3' R	626.82
AS	4339+09.0	21.3' R	626.78
AT	4339+09.0	21.8' R	626.81
AU	4339+03.8	21.8' R	626.82
AV	4339+03.8	21.3' R	626.79
AW	4339+03.8	20.3' R	626.83
AX	4338+94.8	21.8' R	627.30
AY	4338+94.8	21.3' R	626.80
AZ	4338+94.8	20.3' R	626.86

LEGEND

- XX.XX'

EXISTING LENGTH
- DEPRESSED CURB & GUTTER/
DEPRESSED CURB
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT PATCHING
- L.L. LOWER LANDING

()

EXISTING ELEVATION/SLOPEPROPOSED SIDE CURBDETECTABLE WARNINGS (SPECIAL)U.L. UPPER LANDING

T.P. TRANSITION PANEL

NOTES:

- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
- SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
- SEE SHEETS 55 - 62 FOR BENCHMARKS.



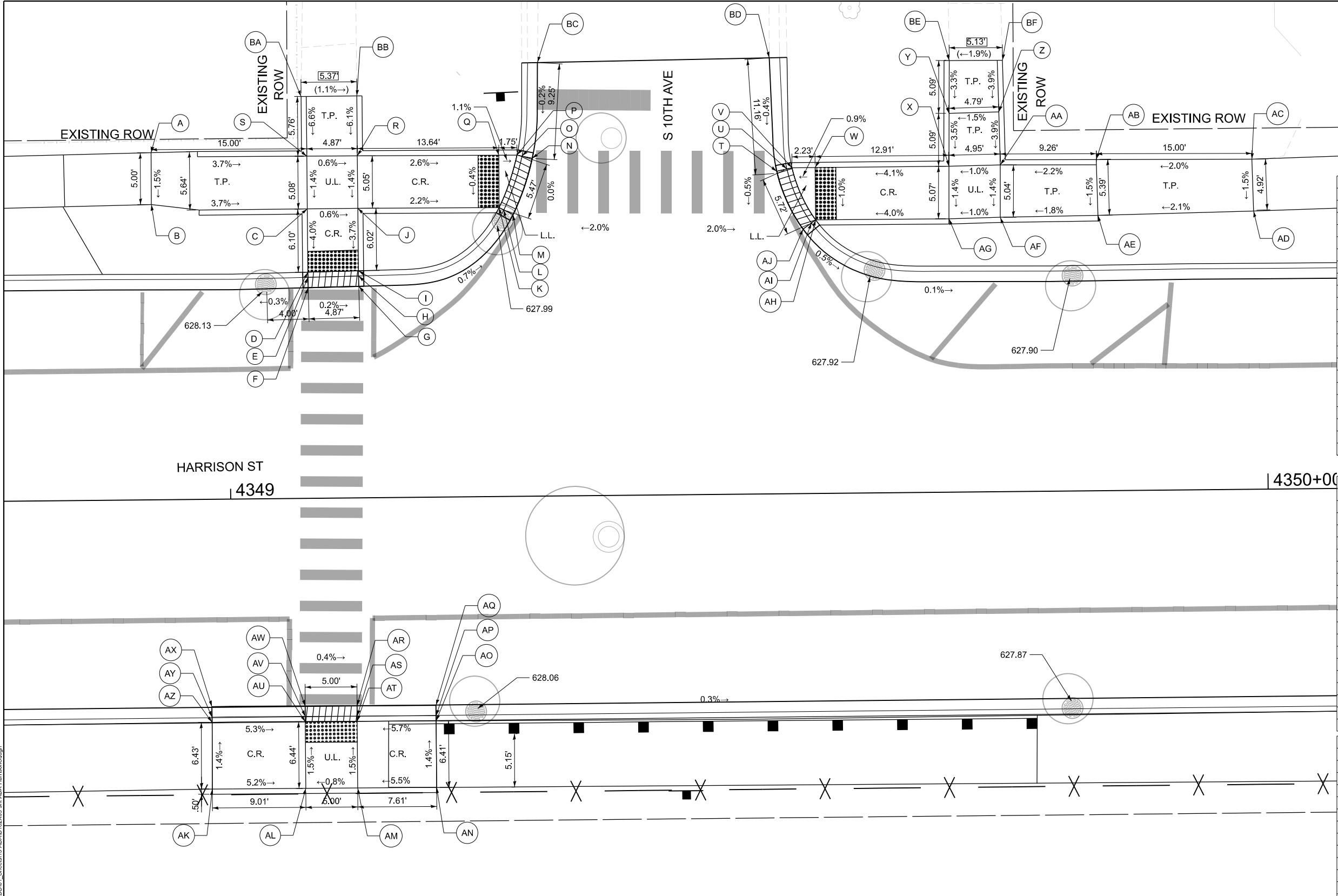
USER NAME	jplouinto	DESIGNED	JLS	REVISED	-
DRAWN	JLS	REVIS	-	REVISED	-
PLOT SCALE	0.16666633" / 1in.	CHECKED	AB	REVISED	-
PLOT DATE	7/20/2026	DATE	05/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 8 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	242
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4348+92.7	33.5' L	629.00
B	4348+92.6	28.5' L	628.92
C	4349+07.7	27.9' L	628.37
D	4349+07.6	21.8' L	628.13
E	4349+07.7	21.3' L	628.10
F	4349+07.7	20.3' L	628.14
G	4349+12.5	20.4' L	628.13
H	4349+12.5	21.4' L	628.09
I	4349+12.5	21.8' L	628.12
J	4349+12.5	27.9' L	628.34
K	4349+26.1	27.8' L	628.04
L	4349+26.6	27.6' L	628.01
M	4349+27.5	27.2' L	628.05
N	4349+29.4	32.6' L	628.05
O	4349+28.4	32.8' L	628.01
P	4349+27.9	32.9' L	628.04
Q	4349+26.2	32.9' L	628.06
R	4349+12.5	33.0' L	628.41
S	4349+07.7	33.0' L	628.44
BA	4349+07.2	38.7' L	(628.82)
BB	4349+12.5	38.7' L	(628.76)
BC	4349+30.0	41.8' L	(628.07)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
T	4349+52.9	31.1' L	627.99
U	4349+53.9	31.3' L	627.95
V	4349+54.4	31.4' L	627.98
W	4349+56.6	31.4' L	628.00
X	4349+69.5	31.4' L	628.53
Y	4349+69.7	41.6' L	628.71
Z	4349+74.3	41.6' L	628.78
AA	4349+74.5	31.5' L	628.58
AB	4349+83.8	31.9' L	628.78
AC	4349+98.7	31.8' L	629.08
AD	4349+98.9	26.8' L	629.01
AE	4349+83.8	26.5' L	628.70
AF	4349+74.5	26.4' L	628.51
AG	4349+69.4	26.3' L	628.46
AH	4349+56.6	26.4' L	627.95
AI	4349+56.2	26.1' L	627.92
AJ	4349+55.4	25.5' L	627.96
BD	4349+52.3	42.0' L	(628.03)
BE	4349+69.7	41.6' L	(628.88)
BF	4349+74.8	41.6' L	(628.98)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
AK	4348+98.0	27.9' R	628.71
AL	4349+07.0	28.0' R	628.24
AM	4349+12.0	28.0' R	628.22
AN	4349+19.6	28.0' R	628.64
AO	4349+19.6	21.6' R	628.55
AP	4349+19.6	21.1' R	628.05
AQ	4349+19.6	20.1' R	628.11
AR	4349+12.0	20.0' R	628.13
AS	4349+12.0	21.0' R	628.09
AT	4349+12.0	21.5' R	628.12
AU	4349+07.0	21.5' R	628.14
AV	4349+07.0	21.0' R	628.11
AW	4349+07.0	20.0' R	628.15
AX	4348+98.0	19.9' R	628.18
AY	4348+98.0	21.0' R	628.12
AZ	4348+98.0	21.5' R	628.62

LEGEND

- XX.XX'

EXISTING LENGTH
- DEPRESSED CURB & GUTTER/
DEPRESSED CURB
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT PATCHING
- L.L.

LOWER LANDING
- ()

EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS (SPECIAL)
- U.L.

UPPER LANDING
- T.P.

TRANSITION PANEL

NOTES:

- SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
- SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
- SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison St ADA - ADA-09 (Sheet)
FILE NAME: C:\Engineering\Users\jloquinto\1290 FRS Ph 003_CADD\01_Sheets\13-ADA\1290-8ht-ADA-Harrison-St.dgn



USER NAME	= jloquinto	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVIS	-	REVIS	-
PLOT SCALE	= 0.16666633' / In.	CHECKED	- AB	REVIS	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

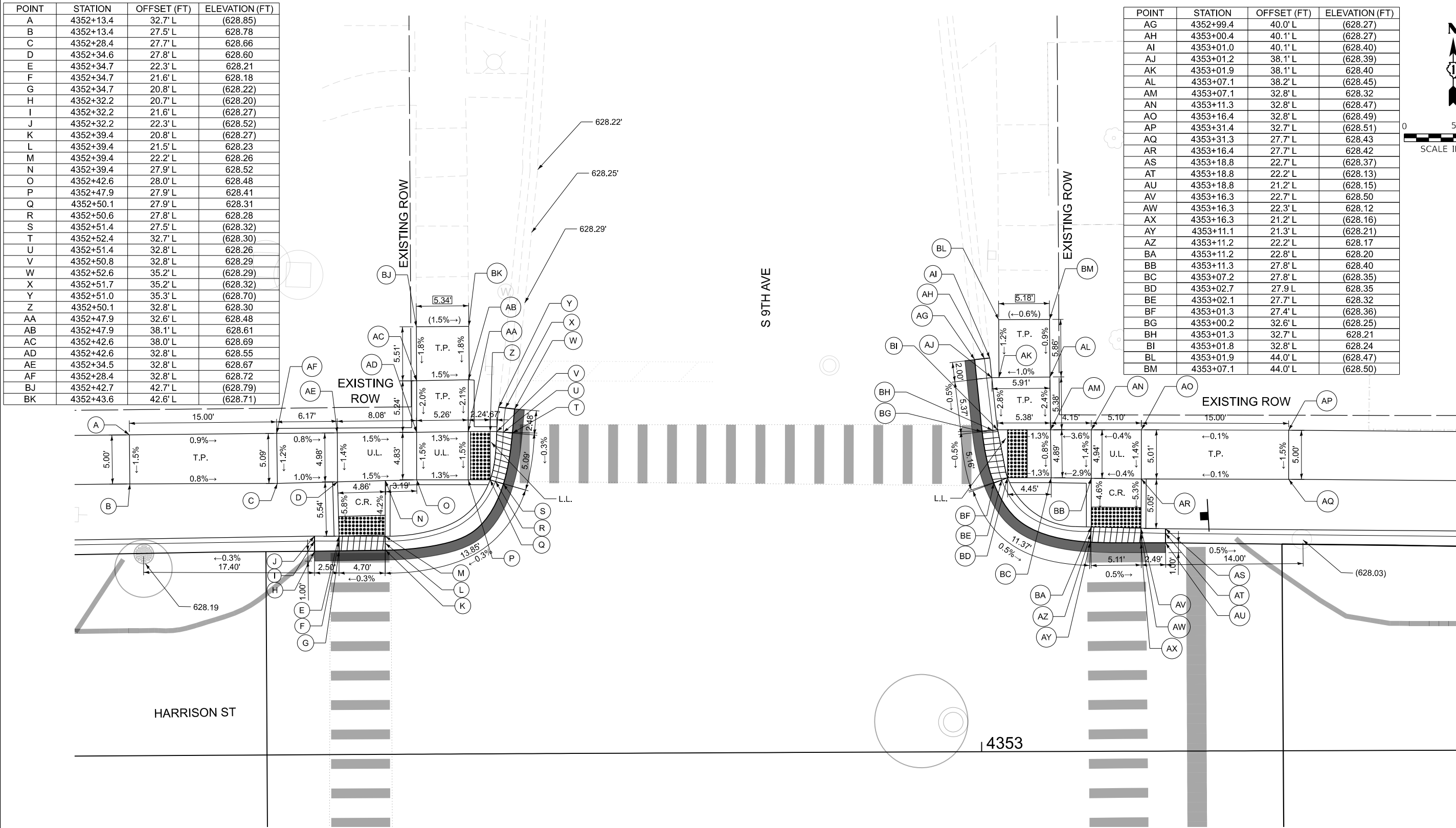
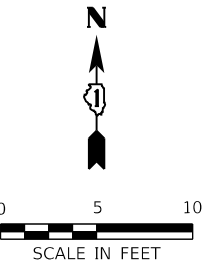
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 9 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	243
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4352+13.4	32.7' L	(628.85)
B	4352+13.4	27.5' L	628.78
C	4352+28.4	27.7' L	628.66
D	4352+34.6	27.8' L	628.60
E	4352+34.7	22.3' L	628.21
F	4352+34.7	21.6' L	628.18
G	4352+34.7	20.8' L	(628.22)
H	4352+32.2	20.7' L	(628.20)
I	4352+32.2	21.6' L	(628.27)
J	4352+32.2	22.3' L	(628.52)
K	4352+39.4	20.8' L	(628.27)
L	4352+39.4	21.5' L	628.23
M	4352+39.4	22.2' L	628.26
N	4352+39.4	27.9' L	628.52
O	4352+42.6	28.0' L	628.48
P	4352+47.9	27.9' L	628.41
Q	4352+50.1	27.9' L	628.31
R	4352+50.6	27.8' L	628.28
S	4352+51.4	27.5' L	(628.32)
T	4352+52.4	32.7' L	(628.30)
U	4352+51.4	32.8' L	628.26
V	4352+50.8	32.8' L	628.29
W	4352+52.6	35.2' L	(628.29)
X	4352+51.7	35.2' L	(628.32)
Y	4352+51.0	35.3' L	(628.70)
Z	4352+50.1	32.8' L	628.30
AA	4352+47.9	32.6' L	628.48
AB	4352+47.9	38.1' L	628.61
AC	4352+42.6	38.0' L	628.69
AD	4352+42.6	32.8' L	628.55
AE	4352+34.5	32.8' L	628.67
AF	4352+28.4	32.8' L	628.72
BJ	4352+42.7	42.7' L	(628.79)
BK	4352+43.6	42.6' L	(628.71)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
AG	4352+99.4	40.0' L	(628.27)
AH	4353+00.4	40.1' L	(628.27)
AI	4353+01.0	40.1' L	(628.40)
AJ	4353+01.2	38.1' L	(628.39)
AK	4353+01.9	38.1' L	628.40
AL	4353+07.1	38.2' L	(628.45)
AM	4353+07.1	32.8' L	628.32
AN	4353+11.3	32.8' L	(628.47)
AO	4353+16.4	32.8' L	(628.49)
AP	4353+31.4	32.7' L	(628.51)
AQ	4353+31.3	27.7' L	628.43
AR	4353+16.4	27.7' L	628.42
AS	4353+18.8	22.7' L	(628.37)
AT	4353+18.8	22.2' L	(628.13)
AU	4353+18.8	21.2' L	(628.15)
AV	4353+16.3	22.7' L	628.50
AW	4353+16.3	22.3' L	628.12
AX	4353+16.3	21.2' L	(628.16)
AY	4353+11.1	21.3' L	(628.21)
AZ	4353+11.2	22.2' L	628.17
BA	4353+11.2	22.8' L	628.20
BB	4353+11.3	27.8' L	628.40
BC	4353+07.2	27.8' L	(628.35)
BD	4353+02.7	27.9' L	628.35
BE	4353+02.1	27.7' L	628.32
BF	4353+01.3	27.4' L	(628.36)
BG	4353+00.2	32.6' L	(628.25)
BH	4353+01.3	32.7' L	628.21
BI	4353+01.8	32.8' L	628.24
BL	4353+01.9	44.0' L	(628.47)
BM	4353+07.1	44.0' L	(628.50)



LEGEND

XX.XX' EXISTING LENGTH

DEPRESSED CURB & GUTTER/
DEPRESSED CURB

PROPOSED SIDEWALK

PROPOSED PAVEMENT PATCHING

L.L. LOWER LANDING

() EXISTING ELEVATION/SLOPE

PROPOSED SIDE CURB

DETECTABLE WARNINGS (SPECIAL)

U.L. UPPER LANDING

T.P. TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison S ADA - ADA-10 (Sheet)
FILE NAME: C:\Engineering\Illinois\2024\2024-991-DR\2024-991-DR-ADA-Harrison-St.dgn



USER NAME: jploquinto
PLOT SCALE: 0.16666633' / in.
PLOT DATE: 7/20/2026

DESIGNED - JLS
DRAWN - JLS
CHECKED - AB
DATE - 05/22/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5'

SHEET 10 OF 18 SHEETS

STA.

TO STA.

F.A.I.
RTE. 290

SECTION
2024-991-DR

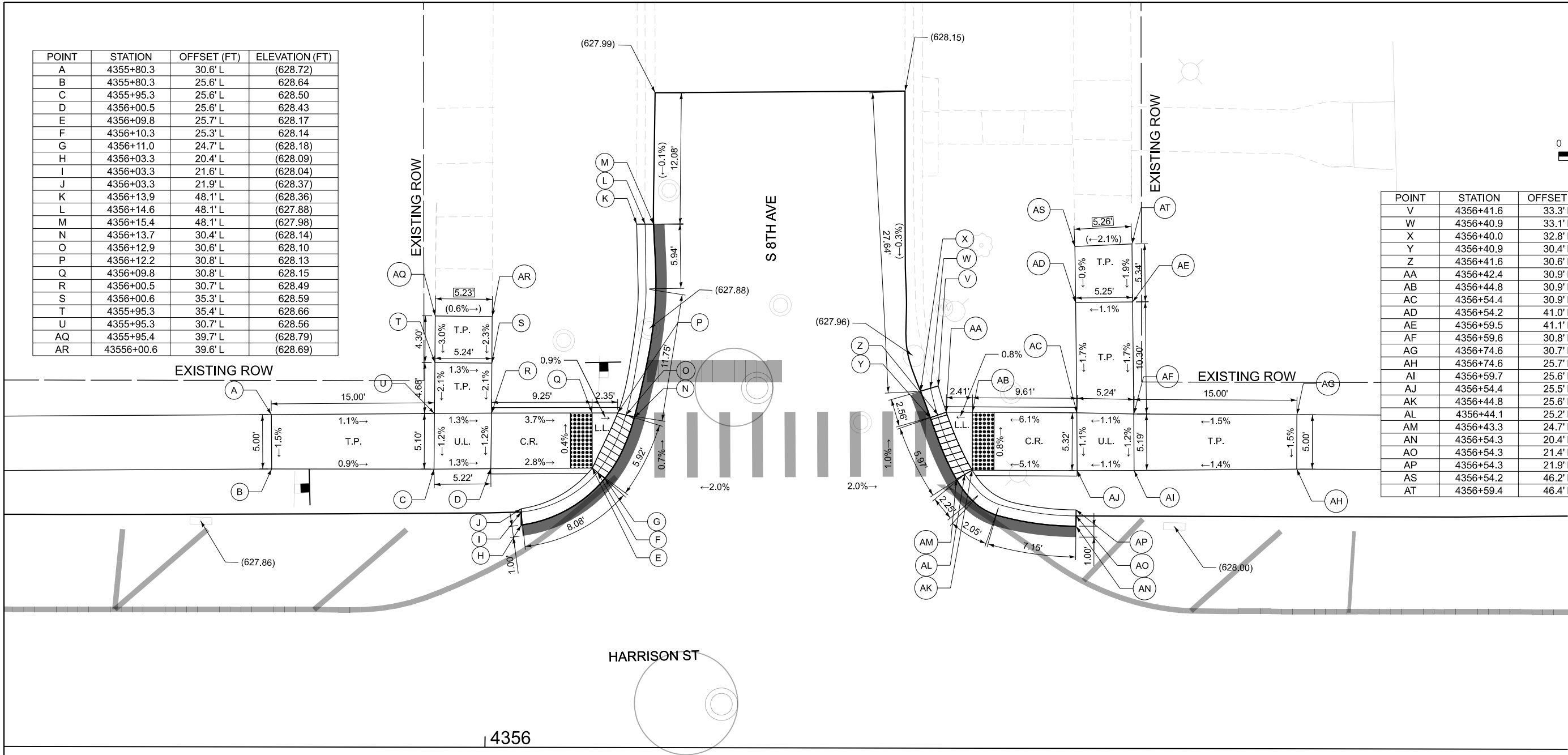
COUNTY
COOK

TOTAL
SHEETS 464
SHEET NO. 244
CONTRACT NO. 62X09

ILLINOIS FED. AID PROJECT 6W/LW(875)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4355+80.3	30.6' L	(628.72)
B	4355+80.3	25.6' L	628.64
C	4355+95.3	25.6' L	628.50
D	4356+00.5	25.6' L	628.43
E	4356+09.8	25.7' L	628.17
F	4356+10.3	25.3' L	628.14
G	4356+11.0	24.7' L	(628.18)
H	4356+03.3	20.4' L	(628.09)
I	4356+03.3	21.6' L	(628.04)
J	4356+03.3	21.9' L	(628.37)
K	4356+13.9	48.1' L	(628.36)
L	4356+14.6	48.1' L	(627.88)
M	4356+15.4	48.1' L	(627.98)
N	4356+13.7	30.4' L	(628.14)
O	4356+12.9	30.6' L	628.10
P	4356+12.2	30.8' L	628.13
Q	4356+09.8	30.8' L	628.15
R	4356+00.5	30.7' L	628.49
S	4356+00.6	35.3' L	628.59
T	4355+95.3	35.4' L	628.66
U	4355+95.3	30.7' L	628.56
AQ	4355+95.4	39.7' L	(628.79)
AR	43556+00.6	39.6' L	(628.69)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
V	4356+41.6	33.3' L	(628.31)
W	4356+40.9	33.1' L	(628.02)
X	4356+40.0	32.8' L	(628.06)
Y	4356+40.9	30.4' L	(628.09)
Z	4356+41.6	30.6' L	628.05
AA	4356+42.4	30.9' L	628.08
AB	4356+44.8	30.9' L	628.10
AC	4356+54.4	30.9' L	628.69
AD	4356+54.2	41.0' L	628.87
AE	4356+59.5	41.1' L	628.93
AF	4356+59.6	30.8' L	628.75
AG	4356+74.6	30.7' L	(628.97)
AH	4356+74.6	25.7' L	628.90
AI	4356+59.7	25.6' L	628.69
AJ	4356+54.4	25.5' L	628.63
AK	4356+44.8	25.6' L	628.14
AL	4356+44.1	25.2' L	628.11
AM	4356+43.3	24.7' L	(628.15)
AN	4356+54.3	20.4' L	(628.15)
AO	4356+54.3	21.4' L	(628.09)
AP	4356+54.3	21.9' L	(628.62)
AS	4356+54.2	46.2' L	(628.92)
AT	4356+59.4	46.4' L	(629.03)



LEGEND

XX.XX' EXISTING LENGTH

DEPRESSED CURB & GUTTER/
DEPRESSED CURB

PROPOSED SIDEWALK

PROPOSED PAVEMENT PATCHING

L.L. LOWER LANDING

() EXISTING ELEVATION/SLOPE

PROPOSED SIDE CURB

DETECTABLE WARNINGS (SPECIAL)

U.L. UPPER LANDING

T.P. TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison S ADA - ADA-11 (Sheet)
FILE NAME: C:\Engineering\Harrison\62X09\1220 FRS Ph\03_CADD\01_Sheets\3-ADA\1220-8th-ADA-HarrisonS.dgn



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PLOT SCALE = 0.16666633" / 1in.
PLOT DATE = 7/20/2026

DESIGNED - JLS
DRAWN - JLS
CHECKED - AB
DATE - 05/22/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

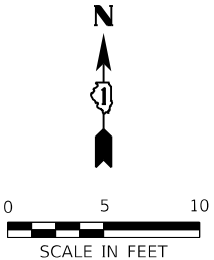
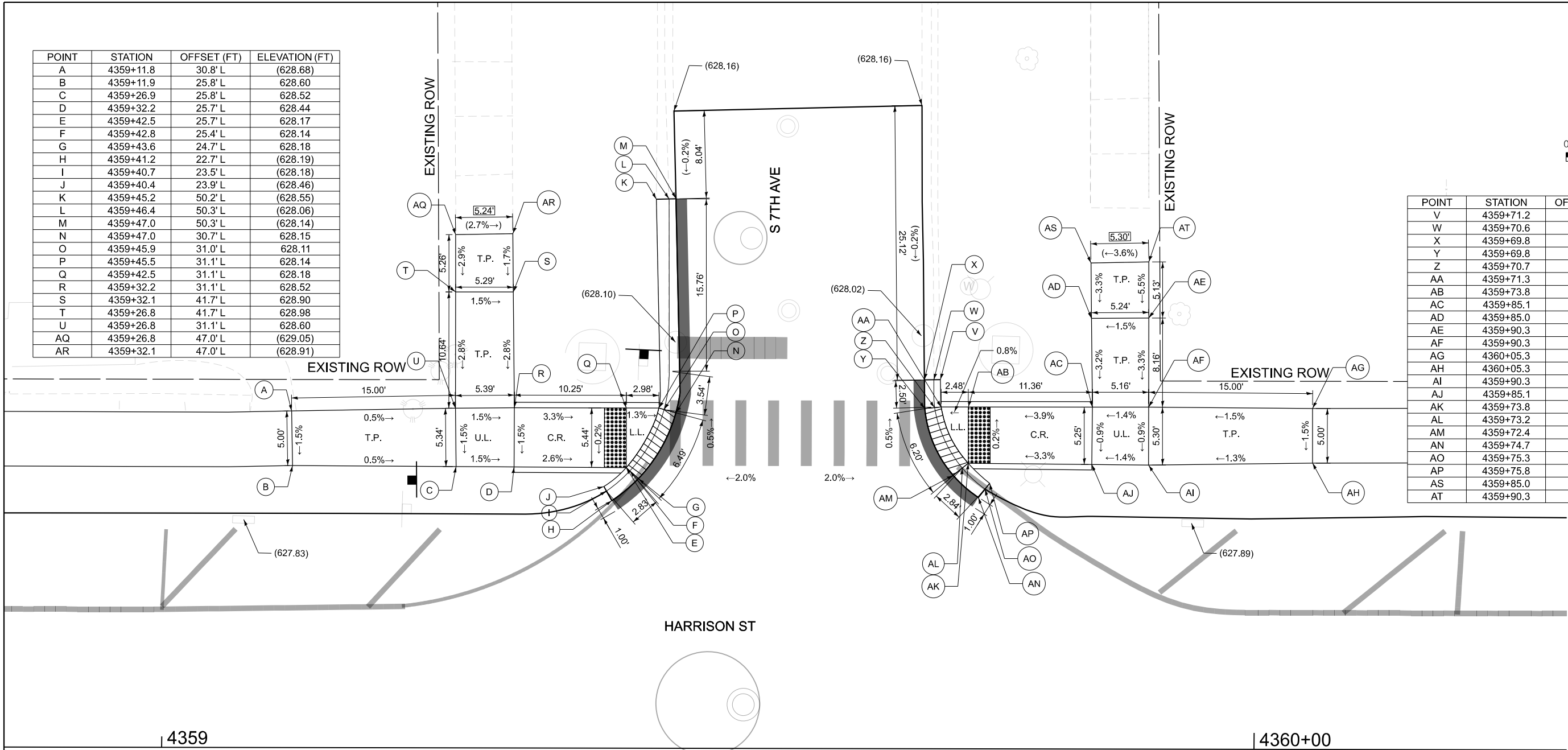
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 11 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	245
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4359+11.8	30.8' L	(628.68)
B	4359+11.9	25.8' L	628.60
C	4359+26.9	25.8' L	628.52
D	4359+32.2	25.7' L	628.44
E	4359+42.5	25.7' L	628.17
F	4359+42.8	25.4' L	628.14
G	4359+43.6	24.7' L	628.18
H	4359+41.2	22.7' L	(628.19)
I	4359+40.7	23.5' L	(628.18)
J	4359+40.4	23.9' L	(628.46)
K	4359+45.2	50.2' L	(628.55)
L	4359+46.4	50.3' L	(628.06)
M	4359+47.0	50.3' L	(628.14)
N	4359+47.0	30.7' L	628.15
O	4359+45.9	31.0' L	628.11
P	4359+45.5	31.1' L	628.14
Q	4359+42.5	31.1' L	628.18
R	4359+32.2	31.1' L	628.52
S	4359+32.1	41.7' L	628.90
T	4359+26.8	41.7' L	628.98
U	4359+26.8	31.1' L	628.60
AQ	4359+26.8	47.0' L	(629.05)
AR	4359+32.1	47.0' L	(628.91)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
V	4359+71.2	33.8' L	(628.46)
W	4359+70.6	33.8' L	(628.00)
X	4359+69.8	33.8' L	(628.10)
Y	4359+69.8	31.1' L	(628.11)
Z	4359+70.7	31.2' L	628.07
AA	4359+71.3	31.3' L	628.10
AB	4359+73.8	31.3' L	628.12
AC	4359+85.1	31.3' L	628.56
AD	4359+85.0	39.4' L	628.82
AE	4359+90.3	39.5' L	628.90
AF	4359+90.3	31.3' L	(628.63)
AG	4360+05.3	31.2' L	(628.85)
AH	4360+05.3	26.2' L	628.78
AI	4359+90.3	26.0' L	(628.58)
AJ	4359+85.1	26.0' L	628.51
AK	4359+73.8	26.1' L	628.13
AL	4359+73.2	25.7' L	(628.10)
AM	4359+72.4	25.0' L	628.14
AN	4359+74.7	23.0' L	(628.15)
AO	4359+75.3	23.8' L	(628.14)
AP	4359+75.8	24.3' L	(628.45)
AS	4359+85.0	44.5' L	(628.99)
AT	4359+90.3	44.6' L	(629.18)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	T.P.	TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison St ADA ADA-12 (Sheet)
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USER NAME	= jplouinfo	DESIGNED	- JLS	REVISED	-
		DRAWN	- JLS	REVISED	-
PLOT SCALE	= 0.16666633"/In.	CHECKED	- AB	REVISED	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

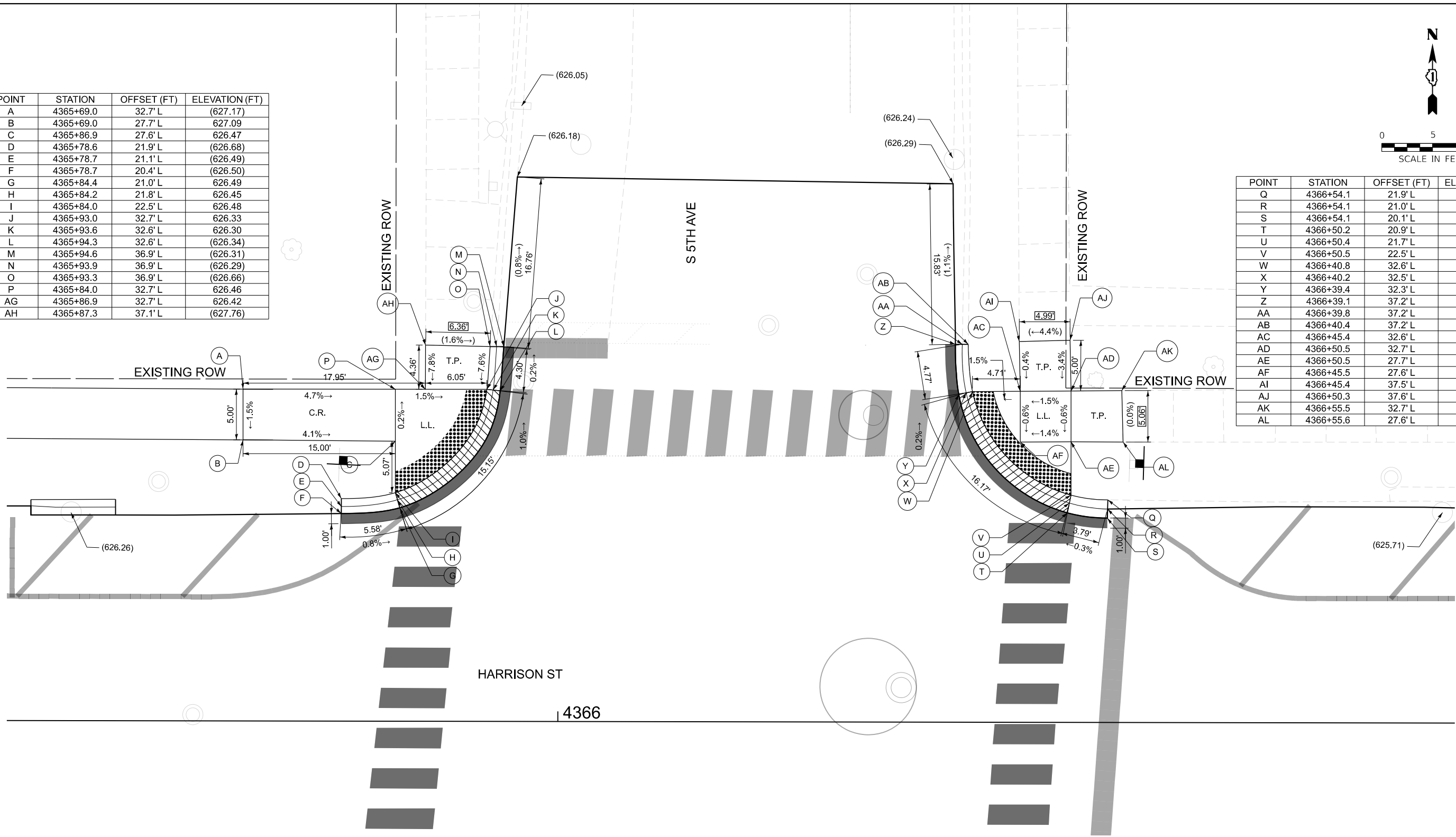
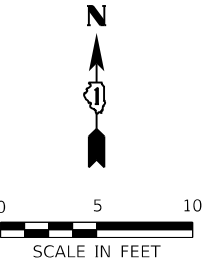
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	246
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4365+69.0	32.7' L	(627.17)
B	4365+69.0	27.7' L	627.09
C	4365+86.9	27.6' L	626.47
D	4365+78.6	21.9' L	(626.68)
E	4365+78.7	21.1' L	(626.49)
F	4365+78.7	20.4' L	(626.50)
G	4365+84.4	21.0' L	626.49
H	4365+84.2	21.8' L	626.45
I	4365+84.0	22.5' L	626.48
J	4365+93.0	32.7' L	626.33
K	4365+93.6	32.6' L	626.30
L	4365+94.3	32.6' L	(626.34)
M	4365+94.6	36.9' L	(626.31)
N	4365+93.9	36.9' L	(626.29)
O	4365+93.3	36.9' L	(626.66)
P	4365+84.0	32.7' L	626.46
AG	4365+86.9	32.7' L	626.42
AH	4365+87.3	37.1' L	(627.76)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
Q	4366+54.1	21.9' L	(626.75)
R	4366+54.1	21.0' L	(626.50)
S	4366+54.1	20.1' L	(626.54)
T	4366+50.2	20.9' L	626.53
U	4366+50.4	21.7' L	626.49
V	4366+50.5	22.5' L	626.52
W	4366+40.8	32.6' L	626.50
X	4366+40.2	32.5' L	626.46
Y	4366+39.4	32.3' L	626.49
Z	4366+39.1	37.2' L	(626.46)
AA	4366+39.8	37.2' L	(626.45)
AB	4366+40.4	37.2' L	(626.72)
AC	4366+45.4	32.6' L	626.57
AD	4366+50.5	32.7' L	626.64
AE	4366+50.5	27.7' L	626.61
AF	4366+45.5	27.6' L	626.54
AI	4366+45.4	37.5' L	(626.59)
AJ	4366+50.3	37.6' L	(626.81)
AK	4366+55.5	32.7' L	(626.60)
AL	4366+55.6	27.6' L	(626.60)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	T.P.	TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	248
CONTRACT NO. 62X09				

SCALE: 1"=65' SHEET 14 OF 18 SHEETS STA. 0+00.0000 TO STA. 3+67.1174

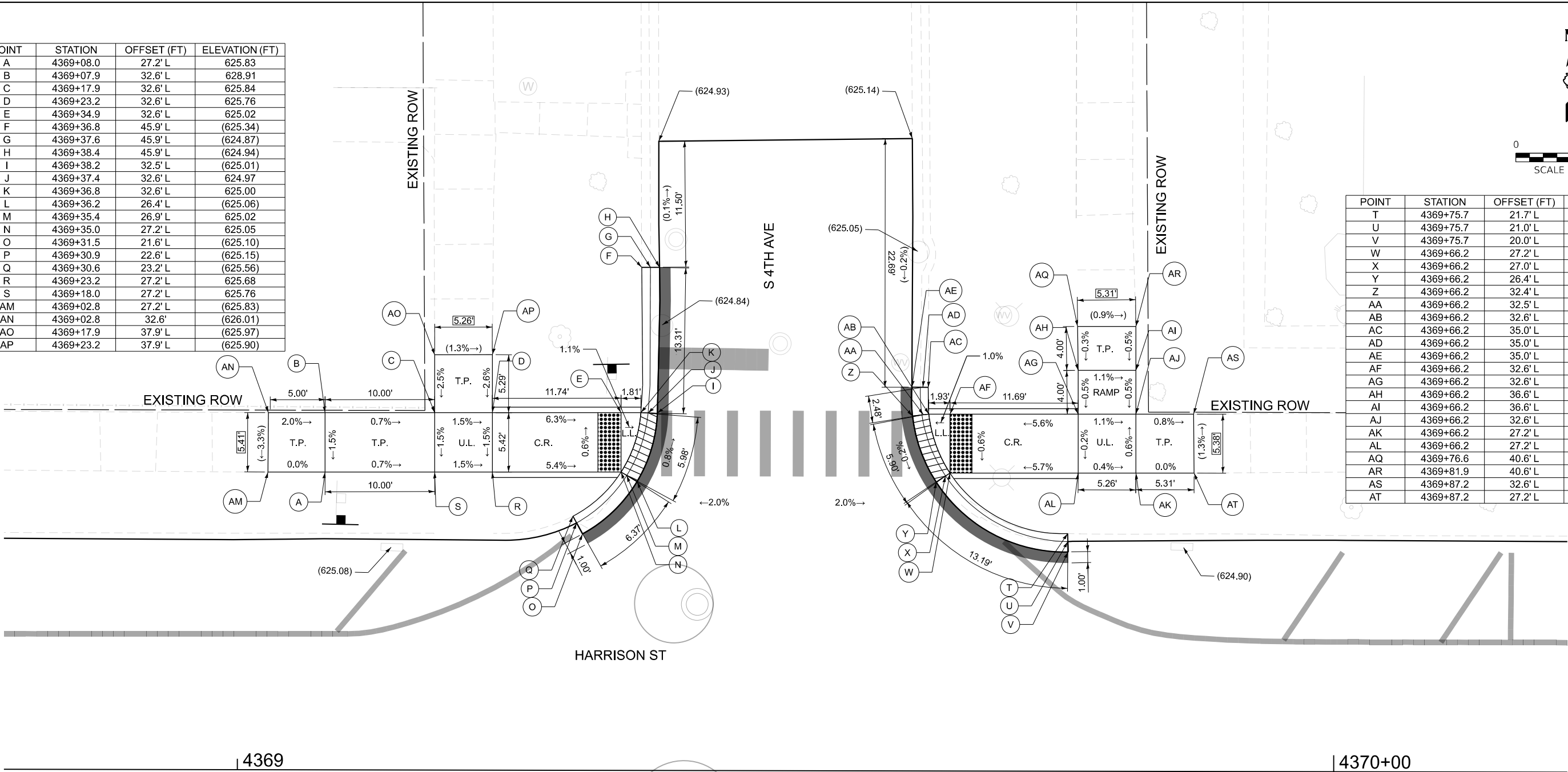
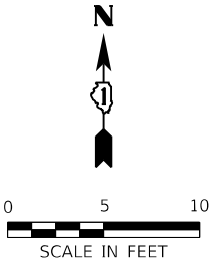
ILLINOIS FED. AID PROJECT 6W/LW(875)



USER NAME	= jploquinio	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVISION	-	REVISION	-
PLOT SCALE	= 0.16666633" / 1 in.	CHECKED	- AB	REVISION	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVISION	-

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4369+08.0	27.2' L	625.83
B	4369+07.9	32.6' L	628.91
C	4369+17.9	32.6' L	625.84
D	4369+23.2	32.6' L	625.76
E	4369+34.9	32.6' L	625.02
F	4369+36.8	45.9' L	(625.34)
G	4369+37.6	45.9' L	(624.87)
H	4369+38.4	45.9' L	(624.94)
I	4369+38.2	32.5' L	(625.01)
J	4369+37.4	32.6' L	624.97
K	4369+36.8	32.6' L	625.00
L	4369+36.2	26.4' L	(625.06)
M	4369+35.4	26.9' L	625.02
N	4369+35.0	27.2' L	625.05
O	4369+31.5	21.6' L	(625.10)
P	4369+30.9	22.6' L	(625.15)
Q	4369+30.6	23.2' L	(625.56)
R	4369+23.2	27.2' L	625.68
S	4369+18.0	27.2' L	625.76
AM	4369+02.8	27.2' L	(625.83)
AN	4369+02.8	32.6'	(626.01)
AO	4369+17.9	37.9' L	(625.97)
AP	4369+23.2	37.9' L	(625.90)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
T	4369+75.7	21.7' L	(625.53)
U	4369+75.7	21.0' L	(625.07)
V	4369+75.7	20.0' L	(625.12)
W	4369+66.2	27.2' L	625.08
X	4369+66.2	27.0' L	625.05
Y	4369+66.2	26.4' L	(625.09)
Z	4369+66.2	32.4' L	(625.10)
AA	4369+66.2	32.5' L	625.06
AB	4369+66.2	32.6' L	625.09
AC	4369+66.2	35.0' L	(625.40)
AD	4369+66.2	35.0' L	(625.19)
AE	4369+66.2	35.0' L	(625.08)
AF	4369+66.2	32.6' L	625.11
AG	4369+66.2	32.6' L	625.76
AH	4369+66.2	36.6' L	625.78
AI	4369+66.2	36.6' L	625.72
AJ	4369+66.2	32.6' L	625.70
AK	4369+66.2	27.2' L	625.73
AL	4369+66.2	27.2' L	625.75
AQ	4369+76.6	40.6' L	(625.79)
AR	4369+81.9	40.6' L	(625.74)
AS	4369+87.2	32.6' L	(625.66)
AT	4369+87.2	27.2' L	(625.73)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	C.R.	CURB RAMP
						T.P.	TRANSITION PANEL		

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

MODEL: Harrison St ADA ADA-15 (Sheet)
FILE NAME: C:\Engineering\Illinois\2024\290 FRS Ph 103_CADD\01_Sheets\13-ADA\15-290-eh-ADA-HarrisonSt.dgn



USER NAME	= jploquin	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVISION	-		
PLOT SCALE	= 0.16666633" / 1in.	CHECKED	- AB	REVISION	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

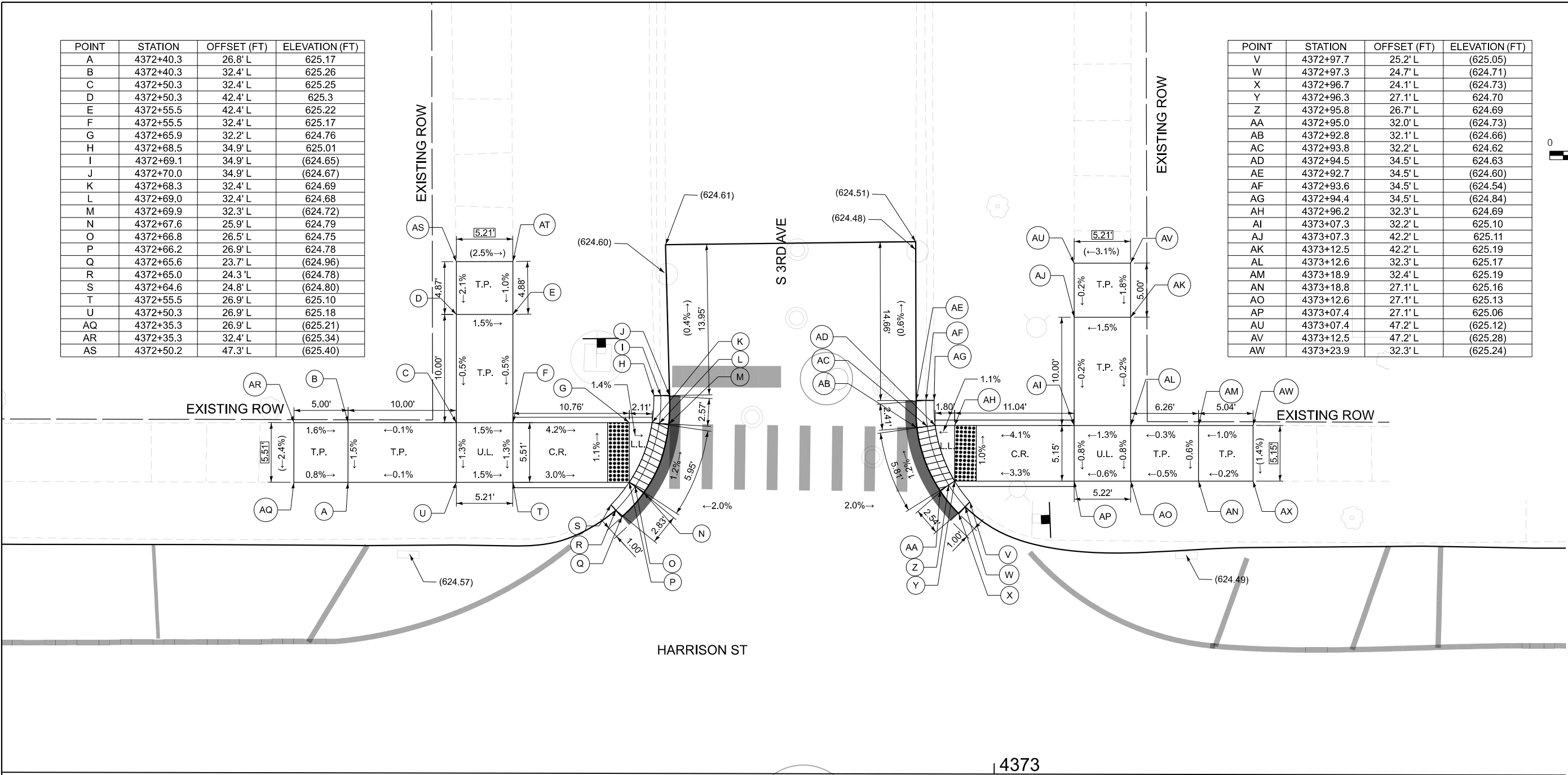
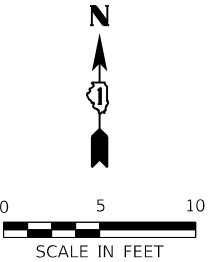
ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	249
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
A	4372+40.3	26.8' L	625.17
B	4372+40.3	32.4' L	625.26
C	4372+50.3	32.4' L	625.25
D	4372+50.3	42.4' L	625.3
E	4372+55.5	42.4' L	625.22
F	4372+55.5	32.4' L	625.17
G	4372+65.9	32.2' L	624.76
H	4372+68.5	34.9' L	625.01
I	4372+69.1	34.9' L	(624.65)
J	4372+70.0	34.9' L	(624.67)
K	4372+68.3	32.4' L	624.69
L	4372+69.0	32.4' L	624.68
M	4372+69.9	32.3' L	(624.72)
N	4372+67.6	25.9' L	624.79
O	4372+66.8	26.5' L	624.75
P	4372+66.2	26.9' L	624.78
Q	4372+65.6	23.7' L	(624.96)
R	4372+65.0	24.3' L	(624.78)
S	4372+64.6	24.8' L	(624.80)
T	4372+55.5	26.9' L	625.10
U	4372+50.3	26.9' L	625.18
AQ	4372+35.3	26.9' L	(625.21)
AR	4372+35.3	32.4' L	(625.34)
AS	4372+50.2	47.3' L	(625.40)

POINT	STATION	OFFSET (FT)	ELEVATION (FT)
V	4372+97.7	25.2' L	(625.05)
W	4372+97.3	24.7' L	(624.71)
X	4372+96.7	24.1' L	(624.73)
Y	4372+96.3	27.1' L	624.70
Z	4372+95.8	26.7' L	624.69
AA	4372+95.0	32.0' L	(624.73)
AB	4372+92.8	32.1' L	(624.66)
AC	4372+93.8	32.2' L	624.62
AD	4372+94.5	34.5' L	624.63
AE	4372+92.7	34.5' L	(624.60)
AF	4372+93.6	34.5' L	(624.54)
AG	4372+94.4	34.5' L	(624.84)
AH	4372+96.2	32.3' L	624.69
AI	4373+07.3	32.2' L	625.10
AJ	4373+07.3	42.2' L	625.11
AK	4373+12.5	42.2' L	625.19
AL	4373+12.6	32.3' L	625.17
AM	4373+18.9	32.4' L	625.19
AN	4373+18.8	27.1' L	625.16
AO	4373+12.6	27.1' L	625.13
AP	4373+07.4	27.1' L	625.06
AU	4373+07.4	47.2' L	(625.12)
AV	4373+12.5	47.2' L	(625.28)
AW	4373+23.9	32.3' L	(625.24)



LEGEND

XX.XX'	EXISTING LENGTH		DEPRESSED CURB & GUTTER/ DEPRESSED CURB		PROPOSED SIDEWALK		PROPOSED PAVEMENT PATCHING	L.L.	LOWER LANDING
()	EXISTING ELEVATION/SLOPE		PROPOSED SIDE CURB		DETECTABLE WARNINGS (SPECIAL)	U.L.	UPPER LANDING	T.P.	TRANSITION PANEL

NOTES:

1. SEE SHEETS 165 - 168 FOR DRAINAGE STRUCTURES.
2. SEE SHEETS 259 - 264 FOR PAVEMENT MARKINGS AND SIGNING.
3. SEE SHEETS 55 - 62 FOR BENCHMARKS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=5' SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	250
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL: Harrison St ADA - ADA-16 (Sheet)
FILE NAME: C:\Engineering\Illinois\62X09\1220 FRS Ph\03_CADD\01_Sheets\3-ADA\16-2X09-shr-ADA-HarrisonSt.dgn



USER NAME	= jploquin	DESIGNED	- JLS	REVISED	-
DRAWN	- JLS	REVISION	-	REVISION	-
PLOT SCALE	= 0.16666633" / 1 in.	CHECKED	- AB	REVISION	-
PLOT DATE	= 7/20/2026	DATE	- 05/22/2026	REVISION	-

MODEL SHEET 1
FILE NAME: C:\Users\Engineering\OneDrive\25001_1290 FRS PH\03_CADD\01_Sheets\14-PM-KandSign\0162X09-Reloc-Sign-Schedules.dgn

SIGN SCHEDULE - HARRISON ST										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T1	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT		
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT	EACH	EACH	(SQ FT)	(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4312+31	37.3' LT	30	30	6.3					1				4.0	12.0	16.0
R3-2 NO LEFT TURN	R+B/W						30	30	6.3											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4312+51	20.6' RT	18	24	3.0	3		3						3.5	9.0	12.5
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4313+25	17.2' LT	12	18	1.5	1.5		1.5						3.5	8.5	12.0
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4315+66		30	30	6.3					1				4.0	13.0	17.0
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
PET SIGN/CLEAN UP AFTER YOUR PET	G/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REMAIN	HARRISON ST	SB	4315+85	21.7' RT	18	24	3.0											
HARRISON ST	W/G	REMAIN	HARRISON ST	SB	4316+06	19.1' LT	36	8	2.0											
20TH AVE	W/G	REMAIN	HARRISON ST	SB	4316+06	19.1' LT	36	8	2.0											
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4318+44	10.9' LT	12	18	1.5	1.5		1.5						4.0	8.5	12.5
W3-7 RAMP METER AHEAD	B/Y	REMAIN	HARRISON ST	WB	4318+54	38.0' RT	36	36	9.0											
W3-1101 RAMP SIGNAL	B/W	REMAIN	HARRISON ST	WB	4318+54		24	18	3.0											
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4319+07	27.6' LT	30	30	6.3					1				4.0	11.5	15.5
R3-2 NO LEFT TURN	R+B/W						24	24	4.0											
HARRISON ST	W/G	REMAIN	HARRISON ST	SB	4319+33	28.40' LT	36	8	2.0											
19TH AVE	W/G	REMAIN	HARRISON ST	SB	4319+33	28.40' LT	36	8	2.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4319+27	42.8' RT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
R5-2 NO TRUCK	R+B/W	REM/PR ON T.S	HARRISON ST	NB	4319+39	24.9' LT	24	24	4.0	4.0					4.0			3.5	9.0	12.5
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4319+92	14.2' LT	12	18	1.5	1.5		1.5						3.5	8.5	12.0
R2-1 SPEED LIMIT 30	B/W	REM/REL ON T.S	HARRISON ST	WB	4322+23	15.7' LT	24	30	5.0				1					3.5	11.0	14.5
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S					12	18	1.5											
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4322+44	26.0' LT	30	30	6.3					1				4.0	11.5	15.5
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4322+63	39.0' RT	18	24	3.0	3.0		3						3.5	9.0	12.5
HARRISON ST	W/G	REMAIN	HARRISON ST	SB	4322+82	26.4' LT	36	8	2.0											
18TH AVE	W/G	REMAIN	HARRISON ST	SB	4322+82	26.4' LT	36	8	2.0											
R3-2 NO LEFT TURN	R+B/W	REMAIN	HARRISON ST	SB	4325+57	41.4' RT	24	24	4.0											
R6-2 ONE WAY	B/W	REMAIN					24	30	5.0											
R3-2 NO LEFT TURN	R+B/W	REMAIN					24	24	4.0											
M3-2P EAST	W/BI	REMAIN	HARRISON ST	SB	4325+62	41.8' RT	24	12	2.0											
M1-1 INTERSTATE 290	W+R/BI	REMAIN					30	24	5.0											
M5-1P ADVANCED TURN LEFT	W/BI	REMAIN					21	15	2.2											
M3-4P WEST	W/BI	REMAIN	HARRISON ST	NB	4325+62	25.1' LT	24	12	2.0											
M1-1 INTERSTATE 290	W+R/BI	REMAIN		NB			30	24	5.0											
M6-1P DIRECTIONAL ARROW LEFT	W/BI	REMAIN		NB			21	15	2.2											
R6-2 ONE WAY	B/W	REMAIN		NB			18	24	3.0											
NO STREET PARKING 2:00AM TO 5:00AM	R/W	REMAIN	HARRISON ST	WB	4325+62	25.1' LT	18	24	3.0											
M3-4P WEST	W/BI	REMAIN	HARRISON ST	SB	4325+64	28.9' LT	24	12	2.0											
M1-1 INTERSTATE 290	W+R/BI	REMAIN					24	24	4.0											
M6-1P DIRECTIONAL ARROW LEFT	W/BI	REMAIN					21	19	2.8											
R6-2 ONE WAY	R+B/W	REMAIN					18	24	3.0											
HARRISON ST	W/G	REMAIN		SB	4325+82	25.1' LT	36	8	2.0											
17TH AVE	W/G	REMAIN	HARRISON ST	SB	4325+82	25.1' LT	36	8	2.0											



USER NAME	= akoller
PLOT SCALE	= 100,000' / 1in.
PLOT DATE	= 6/24/2026

DESIGNED	- MGP
DRAWN	- AK
CHECKED	- AB
DATE	- 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50'	SHEET 1 OF 12 SHEETS	STA. --	TO STA. --
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	253
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL SHEET 2
FILE NAME: C:\Engineering\Urbn\p0205\25001_1290 FRS Ph\103_CADD\01_Sheets\144\MainSign\0162X00bchcdgnschedules.dgn

SIGN SCHEDULE - HARRISON ST										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T1	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT		
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT	EACH	EACH	(SQ FT)	(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)
R2-1 SPEED LIMIT 30	B/W	REMAIN	HARRISON ST	NB	2326+26	58.1' LT	30	36	7.5											
NO PARKING ANY TIME	R/W	REMAIN					12	18	1.5											
R3-2 NO LEFT TURN	R+B/W	REMAIN	HARRISON ST	SB	4326+31	28.5' RT	24	24	4.0											
R3-2 NO LEFT TURN	R+B/W	REMAIN					24	24	4.0											
R6-1R ONE WAY	B/W	REMAIN	HARRISON ST	SB	4326+38	27.1' RT	54	18	6.8											
R6-1L ONE WAY	B/W	REMAIN		NB			54	18	6.8											
R5-1 DO NOT ENTER	R/W	REMAIN	HARRISON ST	EB	4326+84	27.1' RT	30	30	6.3	6.3		6.3						3.5	9.5	13.0
R5-1a WRONG WAY	W/R	REM/REL ON T.S	HARRISON ST	WB	4328+36	24.2' LT	42	30	8.8	8.8		8.8						3.5	9.5	13.0
R5-1a WRONG WAY	W/R	REMAIN	HARRISON ST	EB	4328+37	24.8' RT	42	30	8.8	8.8		8.8						3.5	9.5	13.0
M6-1P DIRECTIONAL ARROW LEFT	B/Y	REM/REL ON T.S	HARRISON ST	WB	4329+09	23.6' LT	48	24	8.0	8.0		8.0						8.0	18.0	26.0
OM3-R OBJECT MARKER TYPE 3	B/Y	REM/REL ON T.S	HARRISON ST	WB	4329+14	25.3' LT	12	36	3.0	3.0		3.0						3.5	10.0	13.5
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4329+19	43.4' LT	30	30	6.3					1				4.0	11.5	15.5
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4329+29	30.6' RT	18	24	3.0	3.0		3.0						3.5	9.0	13.5
R7-1 NO PARKING ANY TIME	R/W	REM/PR ON T.S	HARRISON ST	NB	4329+48	37.1' LT	12	18	1.5	1.5					1.5			3.5	8.5	12.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4329+60	26.0' LT	36	8	2.0											
16TH AVE	W/G	REMAIN	HARRISON ST	WB	4329+60	26.0' LT	36	8	2.0											
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	HARRISON ST	EB	4331+51	24.3' LT	48	48	16.0		16					16.0		4.0	11.0	15.0
NO PARKING HERE TO CORNER	R+B/W	REM/PR ON T.S	HARRISON ST	WB	4332+02	25.5' LT	12	18	1.5	1.5					1.5			3.5	10.0	13.5
R7-8 HANDICAP PARKING ONLY	B/W						12	18	1.5	1.5					1.5					
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4332+52	36.4' LT	30	30	6.3					1				4.0	13.5	17.5
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
R7-8 RESERVED PARKING FOR HANDICAP	G+BI/W	REM/REL ON T.S					12	18	1.5											
R7-201aP TOW-AWAY ZONE	R/W	REM/REL ON T.S					12	6	0.5											
R7-1 NO PARKING ANY TIME	R/W	REMAIN					12	18	1.5											
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4329+60	26.0' LT	36	8	2.0											
15TH AVE	W/G	REMAIN	HARRISON ST	WB	4329+60	26.0' LT	36	8	2.0											
NO PARKING HERE TO CRONER	R/W	REM/PR ON T.S	HARRISON ST	WB	4333+11	23.81' LT	12	18	1.5	1.5					1.5			3.5	10.0	13.5
NO TRUCK PARKING	B/W	REM/PR ON T.S					12	18	1.5	1.5					1.5					
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4335+87	36.98' LT	30	30	6.3					1				4.0	13.0	17.0
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
STREET SWEEPING NO PAKRING TOW ZONE	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4336+03	29.91' RT	18	24	3.0	3.0		3.0						3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4336+20	37.0' LT	36	8	2.0											
14TH AVE	W/G	REMAIN	HARRISON ST	WB	4336+20	37.0' LT	36	8	2.0											
R2-1 SPEED LIMIT 30	B/W	REM/REL ON T.S	HARRISON ST	WB	4338+92	24.03' LT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
NO SEMI TRUCK PARKING ANY TIME	R/W	REMAIN	HARRISON ST	WB	4339+12	24.29' LT	12	18	1.5	1.5		1.5						3.5	8.5	12.0
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4339+22	38.80' LT	30	30	6.3	6.3		6.3						3.5	9.5	13.0
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4339+35	28.39' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
NO LOITERING	B/W	REM/PR ON L.P	HARRISON ST	SB	4339+57	26.02' LT	12	24	2.0	2					2.0					
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4339+57	24.42' LT	36	8	2.0											
13TH AVE	W/G	REMAIN	HARRISON ST	WB	4339+57	24.42' LT	36	8	2.0											
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/PR ON L.P	HARRISON ST	WB	4341+25	25.56' LT	12	18	1.5	1.5					1.5					
NO SEMI TRUCK PARKING ANY TIME	R/W	REMAIN	HARRISON ST	WB	4344+27	22.48' LT	12	18	1.5	1.5					1.5					



USER NAME = akoller
PLOT SCALE = 100,000' / In.
PLOT DATE = 6/24/2026

DESIGNED - MGP
DRAWN - AK
CHECKED - AB
DATE - 05/22/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 2 OF 12 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	254
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL SHEET 3
FILE NAME: C:\Engineering\I-90\Project\25001_290_FRS_Plan\03_CADD\01_Sheets\14PlanSign\0162X09Belchign-schedules.dgn

SIGN SCHEDULE - HARRISON ST										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T1	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT		
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT	EACH	EACH	(SQ FT)	(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)
NO SEMI TRUCK PARKING ANY TIME	R/W	REMAIN	HARRISON ST	WB	4346+04	22.94' LT	12	18	1.5	1.5					1.5					
SCHOOL BUS PARKING ONLY	R/W	REM/PR ON LP	HARRISON ST	WB	4347+90	25.93' LT	12	18	1.5	1.5					1.5					
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/PR ON LP	HARRISON ST	WB	4349+16	24.46' LT	12	18	1.5	1.5					1.5					
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4349+26	35.59' LT	24	24	4.0	4.0					4.0			3.5	9.0	12.5
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4349+04	29.39' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4349+68	24.48' LT	36	8	2.0											
10THAVE	W/G	REMAIN	HARRISON ST	WB	4349+68	24.48' LT	36	8	2.0											
WARNING NEIGHBORHOOD WATCH SIGN	R+B/W	REMAIN/PR ON W.P	HARRISON ST	WB	4352+07	25' LT	12	18	1.5					1						
NO SEMI TRUCKPARKING ON HARRISON ST AT ANY TIME	R/W						23	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4352+38	29.25' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
M3-2P EAST	W/BI	REM/REL ON T.S	HARRISON ST	SB	4352+41	29.73' RT	24	12	2.0					1						
M1-1 INTERSTATE 290	W+R/BI	REM/REL ON T.S					30	24	5.0									4.0	11.3	15.3
M5-1P ADVANCED TURN LEFT	W/BI	REM/REL ON T.S					21	15	2.2											
R1-1 STOP	W/R	REMAIN	HARRISON ST	SB	4352+49	39.30' LT	30	30	6.3											
R2-1 SPEED LIMIT 25	B/W	REMAIN					18	24	3.0											
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4353+10	9.90' LT	36	8	2.0											
9THAVE	W/G	REMAIN	HARRISON ST	WB	4353+10	9.90' LT	36	8	2.0											
R5-1 DO NOT ENTER	R/W	REM/PR ON L.P	HARRISON ST	WB	4353+10	26.48' LT	36	36	4.0	4.0					4.0					
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	WB	4353+20	23.63' LT	30	30	9.0	9.0		9.0						4.0	9.5	13.5
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	HARRISON ST	EB	4353+23	23.41' RT	24	24	4.0				1					4.0	14.75	18.75
R1-1 STOP	W/R	REM/REL ON T.S		WB			36	36	9.0											
R6-1 ONE WAY	B/W	REM/REL ON T.S		NB			30	9	1.9											
R6-1 ONE WAY	B/W	REM/REL ON T.S		SB			30	9	1.9											
NO LITTERING	B+R/W	REM/REL ON T.S		WB			12	18	1.5											
\$500 FINE	B/W	REM/REL ON T.S		WB			12	6	0.5											
R5-1a WRONG WAY	W/R	REM/REL ON T.S	HARRISON ST	EB	4354+36	32.04' RT	42	30	8.8	8.8		8.8						3.5	9.5	13.0
R5-1a WRONG WAY	W/R	REMAIN	HARRISON ST	SB	4354+48	24.14' LT	42	30	8.8	8.8		8.8			8.8			3.5	9.5	13.0
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4355+80	24.11' LT	12	18	1.5	1.5		1.5						4.0	8.5	12.5
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4356+09	34.45' LT	30	30	6.3	6.3		6.3						4.0	9.5	13.5
R6-2 ONE WAY	B/W	REMAIN	HARRISON ST	SB	4356+23	22.79' RT	24	30	5.0											
R5-1 DO NOT ENTER	R/W	REMAIN	HARRISON ST	EB	4356+31	21.54' RT	48	48	16.0											
R5-1a WRONG WAY	W/R	REMAIN	HARRISON ST	WB	4357+01	40' LT	48	30	10.0											
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4356+49	25.26' LT	36	8	2.0											
8THAVE	W/G	REMAIN	HARRISON ST	WB	4356+49	25.26' LT	36	8	2.0											
WARNING / NEIGHBORHOOD WATCH PROTECTED AREA	B+G/W	REM/PR ON T.S	HARRISON ST	WB	4359+21	22.14' LT	18	24	3.0	3.0					3.0					
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/PR ON T.S					12	18	1.5	1.5					1.5			3.5	10.5	14.0
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4359+44	35.35' LT	30	30	6.3					1				4.0	13.0	17.0
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
STREET SWEEPING NO PAKRING TOW ZONE	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4359+56	29.48' RT	24	30	5.0	5		5						3.5	9.5	14.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4359+80	25.14' LT	36	8	2.0											
7THAVE	W/G	REMAIN	HARRISON ST	WB	4359+80	25.14' LT	36	8	2.0											
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4362+55	22.94' LT	12	18	1.5	1.5		1.5						3.5	8.5	14.0



USER NAME = akoller	DESIGNED - MGP	REVISED -
	DRAWN - AK	REVISED -
PLOT SCALE = 100,000' / 1".	CHECKED - AB	REVISED -
PLOT DATE = 6/24/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 3 OF 12 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	255
CONTRACT NO. 62X09				
ILLINOIS FED.AID PROJECT 6W/LW(875)				

MODEL SHEET 4
FILE NAME: C:\Engineering\I-90\Project\25001_1-290 FRS Ph 003_CADD\01_Sheets\14-PM\andSign\0162X09-Reloc-Sign-Schedules.dgn

SIGN SCHEDULE - HARRISON ST										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T1	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT		
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT	EACH	EACH	(SQ FT)	(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4362+71	35.12' LT	30	30	6.3					1				4.0	11.5	15.5
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
R6-2 ONE WAY	B/W	REMAIN	HARRISON ST	SB	4362+91	28.29' LT	24	30	5.0									3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4363+10	27.13' LT	36	8	2.0											
6THAVE	W/G	REMAIN	HARRISON ST	WB	4363+10	27.13' LT	36	8	2.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4364+43	30.14' RT	24	30	5.0									3.5	9.5	13.0
R2-1 SPEED LIMIT 30	B/W	REM/REL ON T.S	HARRISON ST	WB	4365+30	25.01' LT	24	30	5.0				1					3.5	11.0	14.5
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4365+78	25.33' LT	24	30	5.0	5.0		5						3.5	9.5	13.0
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	NB	4365+78	32.34' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
PACE BUS STOP/330	B/W	REMAIN	HARRISON ST	NB	4365+92	52.54" LT	18	24	3.0											
R1-1 STOP	W/R	REMAIN	HARRISON ST	SB	4365+93	58.31' LT	30	30	6.3											
3-WAY PLAQUE	W/R	REMAIN					12	6	0.5											
R3-2 NO LEFT TURN	R+B/W	REMAIN					24	24	4.0											
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4365+93	58.31' LT	36	8	2.0											
5THAVE	W/G	REMAIN	HARRISON ST	WB	4365+93	58.31' LT	36	8	2.0											
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	HARRISON ST	EB	4366+56	25.106' LT	30	30	6.3					1				4.0	12.0	16.0
R1-1 STOP	W/R	REM/REL ON T.S		WB			30	30	6.3											
3-WAY PLAQUE	W/R	REM/REL ON T.S		WB			12	6	0.5											
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	HARRISON ST	EB	4366+58	26.57' RT	24	24	4.0					1			1	4.0	10.0	14.0
R1-1 STOP	W/R	REM/REL ON T.S		WB			36	36	9.0											
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4367+75	25.85' LT	24	24	4.0	4.0		4						3.5	9.0	12.5
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4367+75	29.43' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S	HARRISON ST	WB	4368+23	22.99' LT	12	18	1.5	1.5		1.5						3.5	8.5	12.0
W3-1 STOP AHEAD	R+B+W/Y	REM/REL ON T.S	HARRISON ST	WB	4369+09	24.88' LT	36	36	9.0					1				8.0	21.5	29.5
5THAVE	B/Y	REM/REL ON T.S					30	9	1.9											
R1-1 STOP	W/R	REM/REL ON T.S	HARRISON ST	SB	4369+32	36.10' LT	30	30	6.3					1				4.0	13.0	17.0
R3-2 NO LEFT TURN	R+B/W	REM/REL ON T.S					24	24	4.0											
STREET SWEEPING NO PAKRING TOW ZONE	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4369+48	29.88' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4369+71	26.77' LT	36	8	2.0											
4THAVE	W/G	REMAIN	HARRISON ST	WB	4369+71	26.77' LT	36	8	2.0											
WARNING/NEIGHBORHOOD WATCH PROTECTED AREA	B+G/W	REM/REL ON T.S	HARRISON ST	WB	4370+75	22.31' LT	18	24	3.0				1					3.5	10.5	14.0
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4371+12	29.90' RT	24	24	4.0											
R1-1 STOP	B/W	REM/PR ON T.S	HARRISON ST	SB	4371+02	26.77' LT	24	30	5.0											
R3-2 NO LEFT TURN	R+B/W	REM/PR ON T.S	HARRISON ST	SB	4371+02	26.77' LT	24	24	4.0											
R1-1 STOP	W/R	REM/PR ON T.S	HARRISON ST	SB	4372+63	38.15' LT	24	24	4.0	4.0		4						3.5	9.0	12.5
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4372+81	30.34' RT	24	30	5.0	5.0		5						3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4373+02	26.38' LT	36	8	2.0											
3RD AVE	W/G	REMAIN	HARRISON ST	WB	4373+02	26.38' LT	36	8	2.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	WB	4373+03	23.63' LT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
W3-7 RAMP METER AHEAD	B/Y	REMAIN	HARRISON ST	WB	4374+17	24.77' RT	36	36	9.0											



USER NAME = akoller
PLOT SCALE = 100,000' / in.
PLOT DATE = 6/24/2026

DESIGNED - MGP	REVISED -
DRAWN - AK	REVISED -
CHECKED - AB	REVISED -
DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 4 OF 12 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	256
CONTRACT NO. 62X09				
ILLINOIS FED.AID PROJECT 6W/LW(875)				

MODEL SHEET 5
FILE NAME: C:\engineering\user\pdes\25001_290_FRS_P\W03_CADD\01_Sheets\1-LP-MkandSign\0162X09b-helg-schedules.dgn

SIGN SCHEDULE - HARRISON ST										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T1	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT		
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT	EACH	EACH	(SQ FT)	(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)
M3-4P WEST	W/BI	REMAIN	HARRISON ST	WB	4379+17	27.91' RT	24	12	2.0											
M1-1INTERSTATE 290	W+R/BI	REMAIN					24	24	4.0											
M6-2P DIRECTIONAL ARROW UPWARD TO THE LEFT	W/BI	REMAIN					21	15	2.2											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	WB	4375+93	33.32' LT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4376+34	24.58' LT	36	8	2.0											
2ND AVE	W/G	REMAIN	HARRISON ST	WB	4376+34	24.58' LT	36	8	2.0											
DO NOT BLOCK DRIVEWAY	B/W	REM/REL ON T.S	HARRISON ST	WB	4377+93	34.70' LT	12	18	1.5				1					3.5	10.0	13.5
NO SEMI TRUCK PARKING ANY TIME	R/W	REM/REL ON T.S					12	18	1.5											
R6-2 ONE WAY	B/W	REM/REL ON T.S	HARRISON ST	SB	4377+98	30.40' RT	24	30	5.0	5.0		5.0						3.5	9.5	13.0
R10-11 NO TURN ON RED	B/W	REMAIN	HARRISON ST	WB	4378+92	34.19' LT	36	36	9.0											
R10-1104 RED LIGHT PHOTO ENFORCED	R+Y+G+B/W	REMAIN	HARRISON ST	SB	4379+07	26.40' RT	30	30	6.3											
M3-2P EAST	W/BI	REMAIN					24	12	2.0											
M1-1INTERSTATE 290	W+R/BI	REMAIN					24	24	4.0											
M5-1P ADVANCED TURN LEFT	W/BI	REMAIN					21	15	2.2											
R6-2 ONE WAY	B/W	REMAIN					24	30	5.0											
M3-4P WEST	W/BI	REMAIN					24	12	2.0											
M1-1INTERSTATE 290	W+R/BI	REMAIN	HARRISON ST	NB	4379+10	40.68' LT	24	30	5.0											
M6-1P DIRECTIONAL ARROW LEFT	W/BI	REMAIN					21	15	2.2											
M3-4P WEST	W/BI	REMAIN					24	12	2.0											
M1-1INTERSTATE 290	W+R/BI	REMAIN					24	30	5.0											
M6-1P DIRECTIONAL ARROW RIGHT	W/BI	REMAIN					21	15	2.2											
HELP PITCH IN KEEP MAYWOOD CLEAN	W/G	REMAIN					12	18	1.5											
HARRISON ST	W/G	REMAIN	HARRISON ST	WB	4379+10	40.68' LT	36	8	2.0											
1ST AVE	W/G	REMAIN	HARRISON ST	WB	4379+10	40.68' LT	36	8	2.0											
R3-2 NO LEFT TURN	R+B/W	REMAIN	HARRISON ST	SB	4379+79	30.14' RT	24	24	4.0											
R6-2 ONE WAY	B/W	REMAIN					18	24	3.0											
R5-1 DO NOT ENTER	R/W	REMAIN	HARRISON ST	EB	4379+89	24.23' RT	48	48	16.0											
R6-1 ONE WAY	B/W	REMAIN		SB			54	18	6.8											
R6-1 ONE WAY	B/W	REMAIN		NB			54	18	6.8											
HELP PITCH IN KEEP MAYWOOD CLEAN	W/G	REMAIN		WB			12	18	1.5											
ILLINOIS 171	B/W	REMAIN	HARRISON ST	WB	4379+96	27.94' RT	30	24	5.0											
M6-4P DIRECTIONAL ARROW LEFT & RIGHT	B/W	REMAIN					21	15	2.2											
R5-1 DO NOT ENTER	R/W	REMAIN	HARRISON ST	EB	4379+96	38.76' LT	36	36	9.0											
R6-1 ONE WAY	B/W	REMAIN		NB			54	18	6.8											
R10-11 NO TURN ON RED	B/W	REMAIN	HARRISON ST	WB	4380+06	29.97' LT	24	24	4.0											
SHERIFF HEADQUARTERS WITH DIRECTIONAL ARROW LEFT & COURTHOUSE WITH DIRECTIONAL ARROW LEFT	W/G+BI	RELOCATE	HARRISON ST	WB	4381+22	24.26' LT	36	36	9.0	9.0		9.0						3.5	10.0	13.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+47	33.65' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+55	33.36' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+64	33.08' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+73	32.52' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+82	31.92' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4381+91	31.39' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4382+00	30.88' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
30 MINUTE LIMIT \ RESERVED PARKING FOR EISENHOWER TOWER	W/B+W	RELOCATE	HARRISON ST	WB	4382+09	30.75' LT	18	24	3.0	3.0		3.0						3.5	9.0	12.5
TOTAL										239	16	206	5	15	42	16	1			1018



USER NAME = akoller
PLOT SCALE = 100,000' / 1"=100'
PLOT DATE = 6/24/2026

DESIGNED - MGP
DRAWN - AK
CHECKED - AB
DATE - 05/22/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	257
CONTRACT NO. 62X09				
ILLINOIS FED.AID PROJECT 6W/LW(875)				

MODEL SHEET 6
FILE NAME: C:\engineering\I-290\I-290 FRS PH\03_CADD\01_Sheets\I-290\I-290 FRS PH\Sched\signD162X09b-hd-ign-schedules.dgn



USER NAME	= akoller
PLOT SCALE	= 100,000' / 1".
PLOT DATE	= 6/24/2026

DESIGNED	- MGP
DRAWN	- AK
CHECKED	- AB
DATE	- 05/22/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

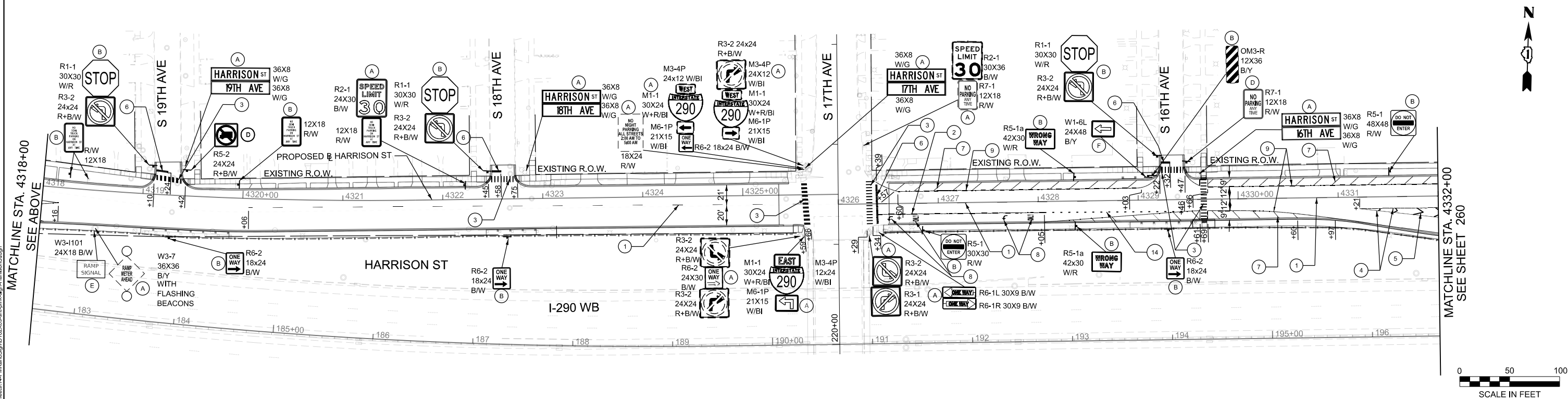
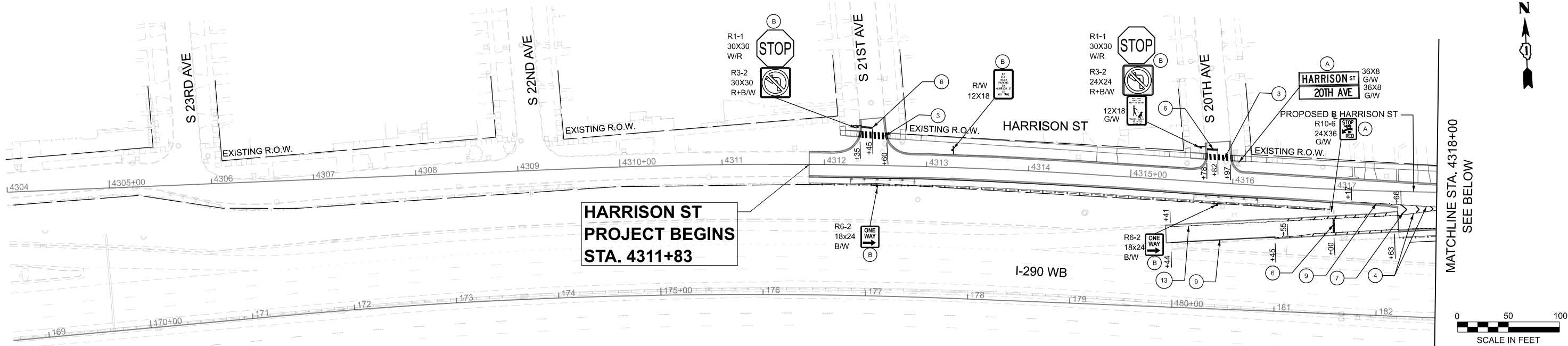
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	258
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

SIGN SCHEDULE - BATAAN AVE										REMOVE SIGN PANEL T1	REMOVE SIGN PANEL T2	RELOCATE SIGN PANEL T1	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY TYPE B	SIGN PANEL T2	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STL SIGN SUPPORT				
LEGEND/DESCRIPTION	COLOR	ACTION	ALIGNMENT	DIRECTION	STATION	OFFSET FROM ALIGNMENT TO EDGE OF SIGN	W (IN)	H (IN)	AREA (SQ FT)	SQ FT	SQ FT	SQ FT		(SQ FT)	(EACH)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)		
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	EB	3308+50	21.3' LT	18	24	3.0	3.0		3				3.5	9.0	12.5		
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	EB	3311+88	19.3' LT	18	24	3.0	3.0		3				3.5	9.0	12.5		
R5-1a WRONG WAY	W/R	REMAIN	BATAAN DR	WB	3316+66	38.2' LT	42	30	8.8											
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	BATAAN DR	WB	3321+38	17.75' LT	48	48	16.0		16.0		1	16.0	1	4.0	11.0	15.0		
R5-1 DO NOT ENTER	R/W	REMAIN	BATAAN DR	WB	3321+38	17.75' LT	48	48	16.0											
R6-1 ONE WAY	B/W	REMAIN	BATAAN DR	NB	3321+61	17.4' LT	54	18	6.8											
NO LITTERING	B+R/W	REMAIN		NB			12	18	1.5											
\$500 FINE	B/W	REMAIN		NB			12	6	0.5											
R6-1 ONE WAY	B/W	REMAIN		SB			54	18	6.8											
R3-2 NO LEFT TURN	R+B/W	REMAIN	BATAAN DR	NB	3321+69	20.0' LT	36	36	9.0											
R3-2 NO RIGHT TURN	R+B/W	REMAIN		SB			36	36	9.0											
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	EB	3335+30	21.7' LT	18	24	3.0	3.0		3				3.5	9.0	12.5		
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	EB	3345+42	23.2' LT	18	24	3.0	3.0		3				3.5	9.0	12.5		
R5-1 DO NOT ENTER	R/W	REM/REL ON T.S	BATAAN DR	WB	3361+65	15.9' LT	30	30	6.3	6.3		6.3			1	3.5	9.5	13.0		
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	NB	3361+67	16.3' LT	18	24	3.0	3.0		3.0			1	3.5	9.0	12.5		
R6-2 ONE WAY	B/W	REM/REL ON T.S	BATAAN DR	NB	3368+81	21.7' LT	18	24	3.0	3.0		3.0				3.5	9.0	12.5		
R5-1 DO NOT ENTER	R/W	REMAIN	BATAAN DR	WB	3370+52	40.9' LT	36	36	9.0											
SHERIFF HEADQUARTERS WITH DIRECTIONAL ARROW LEFT & COURTHOUSE WITH DIRECTIONAL ARROW LEFT	W/G+BI	REMAIN	BATAAN DR	EB	3370+62	14.6' LT	36	36	9.0											
R5-1 DO NOT ENTER	R/W	REMAIN		WB			36	36	9.0											
R5-1a WRONG WAY	W/R	REMAIN	BATAAN DR	WB	3371+24	19.2' RT	42	30	8.8											
R5-1a WRONG WAY	W/R	REMAIN	BATAAN DR	WB	3371+32	32.3' LT	42	30	8.8											
R5-1 DO NOT ENTER	R/W	REMAIN	BATAAN DR	SB	3371+97	30.1' RT	36	36	9.0											
STREET SWEEPING NO PAKRING TOW ZONE	R/W	REMAIN		NB			12	18	1.5											
R5-1 DO NOT ENTER	R/W	REMAIN	BATAAN DR	SB	3372+28	31.7' RT	24	24	4.0											
R1-1 STOP	W/R	REMAIN		NB			30	30	6.3											
R3-2 NO LEFT TURN	R+B/W	REMAIN		NB			24	24	4.0											
TOTAL										24	16	24	1	16	3			103		



PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE)

2 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)

3 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, LONGITUDINAL CROSSWALK), SEE DISTRICT DETAIL TC-13

4 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID)

5 THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 10' OR LESS SPACING. (WHITE, CHEVRONS)

6 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, STOP LINE)

7 THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONAL AT 45° (SOLID WHITE, SHOULDER)

8 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

9 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)

10 MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS

11 MODIFIED URETHANE PAVEMENT MARKING-LINE 6" (SOLID WHITE)

12 MODIFIED URETHANE PAVEMENT MARKING-LINE 24" (SOLID WHITE)

13 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID)

14 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIPS DASH, 2' LINE 6' SPACE)

SIGNING LEGEND

- A EXISTING SIGN TO REMAIN

B RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT

C REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING LIGHT POLE

D REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT

E REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING WOODEN POST

F REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT

G REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW LIGHT POLE

H RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 7 OF 12 SHEETS STA. 4304+00 TO STA. 4332+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	259
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



USER NAME = jloquinto	DESIGNED - MGP	REVISED -
PLOT SCALE = 0.16666667"/in.	DRAWN - AA	REVISED -
PLOT DATE = 7/20/2026	CHECKED - AB	REVISED -
	DATE - 05/22/2026	REVISED -

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MATCHLINE STA. 4332+00
SEE SHEET 259

MATCHLINE STA. 4346+00
SEE BELOW



MATCHLINE STA. 4346+00
SEE ABOVE

MATCHLINE STA. 4360+00
SEE SHEET 261



PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, LONGITUDINAL CROSSWALK), SEE DISTRICT DETAIL TC-13
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID)

- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 10' OR LESS SPACING. (WHITE, CHEVRONS)
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, STOP LINE)
- 7 THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONAL AT 45° (SOLID WHITE, SHOULDER)
- 8 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)

- 10 MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS
- 11 MODIFIED URETHANE PAVEMENT MARKING-LINE 6" (SOLID WHITE)
- 12 MODIFIED URETHANE PAVEMENT MARKING-LINE 24" (SOLID WHITE)
- 13 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID)
- 14 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKSIP DASH, 2' LINE 6' SPACE)

SIGNING LEGEND

- A EXISTING SIGN TO REMAIN
- B RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT
- C REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING LIGHT POLE
- D REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT

- E REMOVE AND REPLACE WITH NEW SIGN PANEL/ SIGN PANEL ASSEMBLY ON EXISTING WOODEN POST
- F REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT
- G REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW LIGHT POLE
- H RELOCATE SIGN PANEL/SIGN ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT



USER NAME	= jploquinto
DESIGNED	- MGP
DRAWN	- AA
PLOT SCALE	= 0.16666667"/in.
PLOT DATE	= 7/20/2026

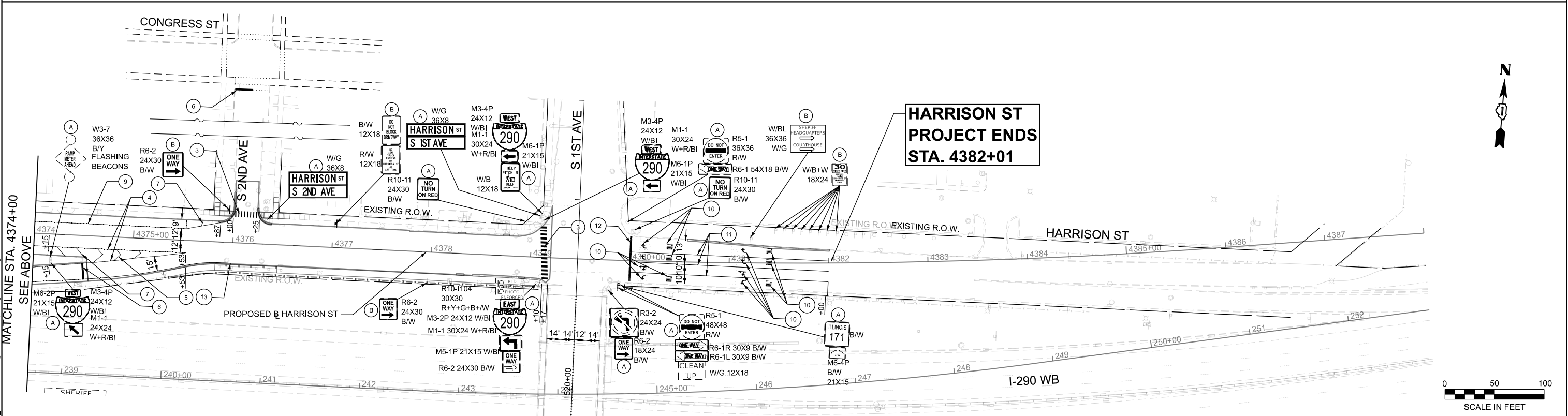
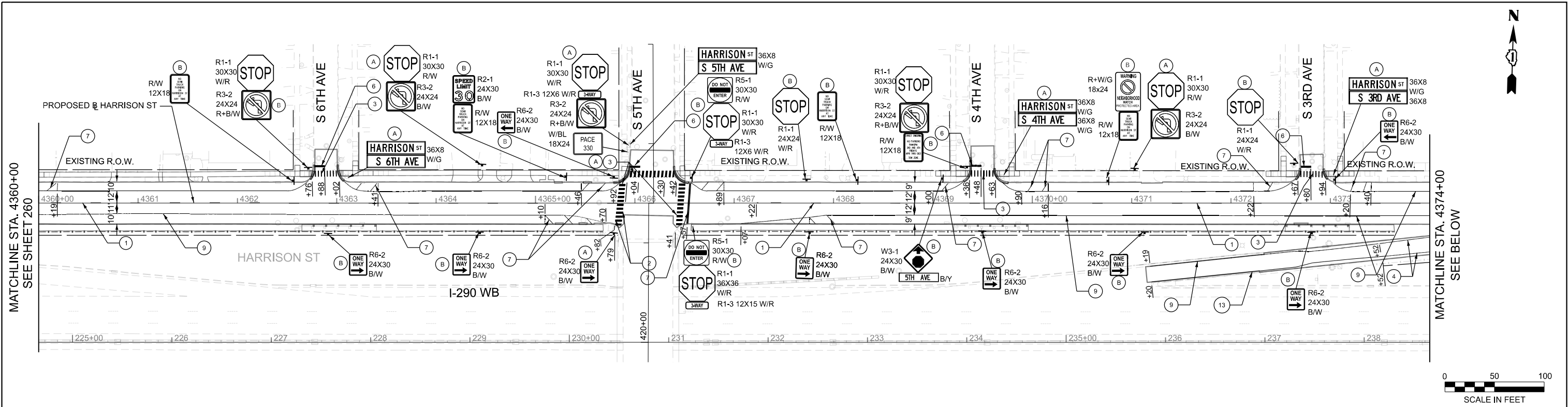
DESIGNED	- MGP	REVISED	-
DRAWN	- AA	REVISED	-
CHECKED	- AB	REVISED	-
DATE	- 05/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 4332+00 TO STA. 4360+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	260
CONTRACT NO. 62X09				
ILLINOIS FED.AID PROJECT 6W/LW(875)				



PAVEMENT MARKING LEGEND

- 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE)
- 2 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- 3 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, LONGITUDINAL CROSSWALK), SEE DISTRICT DETAIL TC-13
- 4 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID)

- 5 THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 10' OR LESS SPACING, (WHITE, CHEVRONS)
- 6 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, STOP LINE)
- 7 THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONAL AT 45° (SOLID WHITE, SHOULDER)
- 8 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- 9 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)

- 10 MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS
- 11 MODIFIED URETHANE PAVEMENT MARKING-LINE 6" (SOLID WHITE)
- 12 MODIFIED URETHANE PAVEMENT MARKING-LINE 24" (SOLID WHITE)
- 13 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID)
- 14 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKSIP DASH, 2' LINE 6' SPACE)

SIGNING LEGEND

- A EXISTING SIGN TO REMAIN
- B RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT
- C REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING LIGHT POLE
- D REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT
- E REMOVE AND REPLACE WITH NEW SIGN PANEL/ SIGN PANEL ASSEMBLY ON EXISTING WOODEN POST
- F REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT
- G REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW LIGHT POLE
- H RELOCATE SIGN PANEL/SIGN ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT

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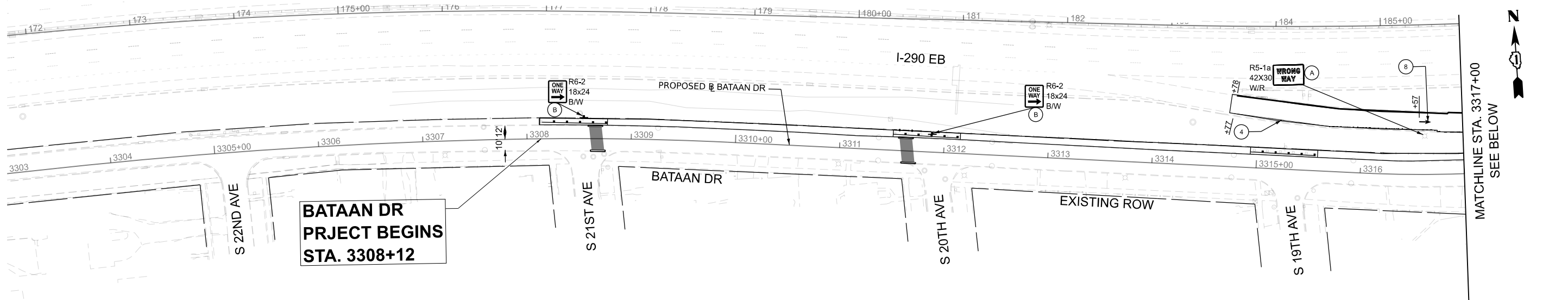
USER NAME	= jplquinio	DESIGNED	- MGP	REVISED	-
DRAWN	- AA	REVISED	-		
PLOT SCALE	= 0.16666667' / in.	CHECKED	- AB	REVISED	-
PLOT DATE	= 7/20/2026	DATE	= 05/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

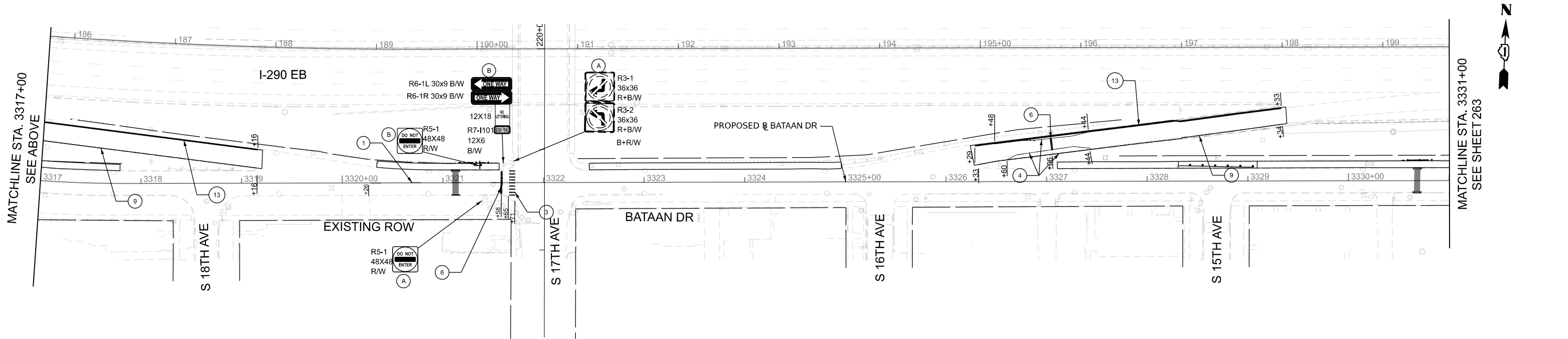
PAVEMENT MARKINGS AND SIGNING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 9 OF 12 SHEETS STA. 4360+00 TO STA. 4388+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	261
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



0 50 100
SCALE IN FEET



0 50 100
SCALE IN FEET

PAVEMENT MARKING LEGEND

- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE) | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 10' OR LESS SPACING. (WHITE, CHEVRONS) | ⑩ MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, STOP LINE) | ⑪ MODIFIED URETHANE PAVEMENT MARKING-LINE 6" (SOLID WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, LONGITUDINAL CROSSWALK), SEE DISTRICT DETAIL TC-13 | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONAL AT 45° (SOLID WHITE, SHOULDER) | ⑫ MODIFIED URETHANE PAVEMENT MARKING-LINE 24" (SOLID WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID) |
| | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE 6' SPACE) |

SIGNING LEGEND

- | | |
|--|---|
| Ⓐ EXISTING SIGN TO REMAIN | Ⓔ REMOVE AND REPLACE WITH NEW SIGN PANEL/ SIGN PANEL ASSEMBLY ON EXISTING WOODEN POST |
| Ⓑ RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT | Ⓕ REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT |
| Ⓒ REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING LIGHT POLE | Ⓖ REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW LIGHT POLE |
| Ⓓ REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT | Ⓗ RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT |



USER NAME = jplquinio
DESIGNED - MGP
DRAWN - AA
PLOT SCALE = 0.16666667' / in.
CHECKED - AB
PLOT DATE = 7/20/2026
DATE - 05/22/2026
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

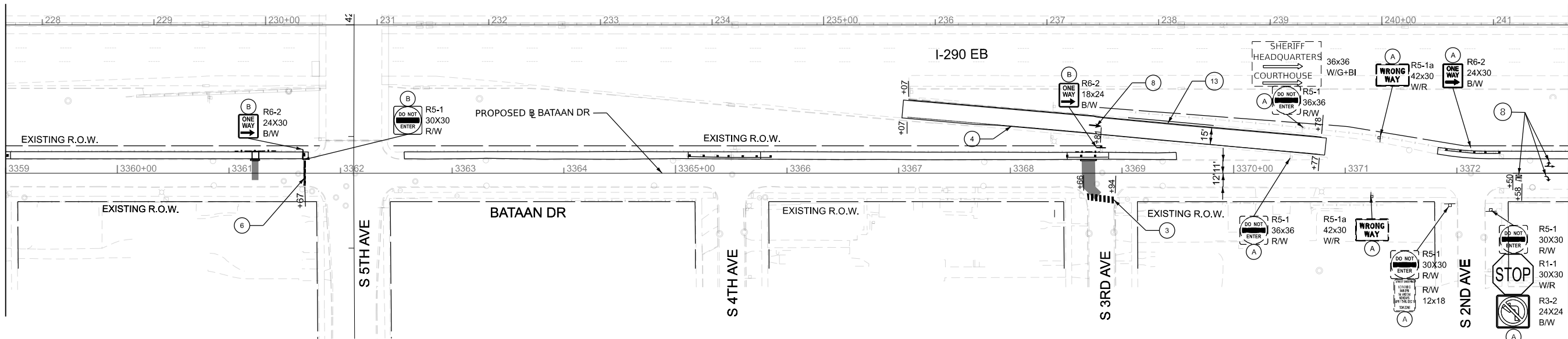
PAVEMENT MARKINGS AND SIGNING PLAN - BATAAN DR
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 10 OF 12 SHEETS STA. 3303+00 TO STA. 3331+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	262
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

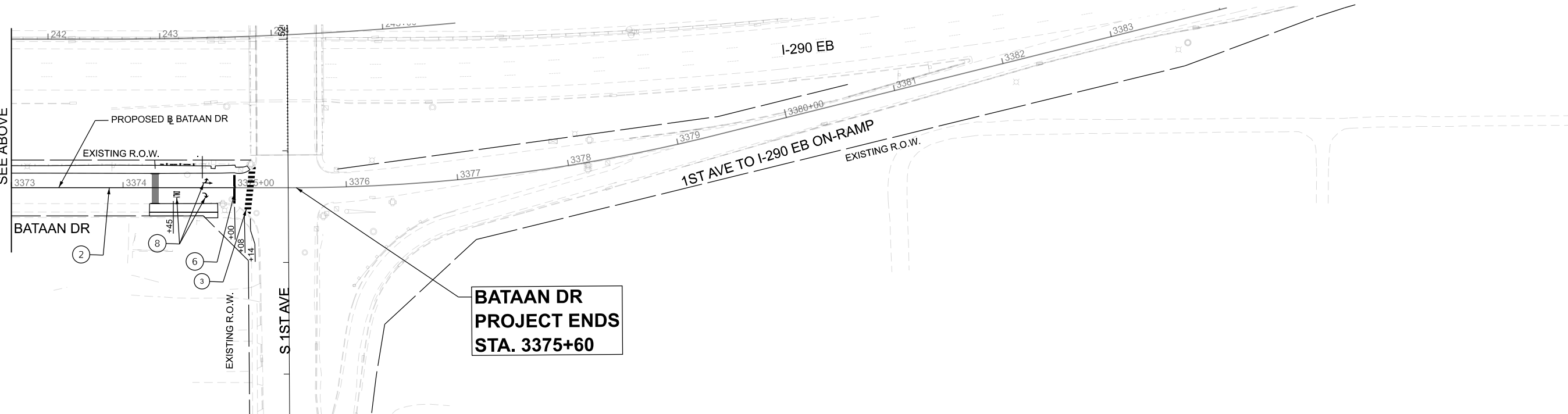
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MATCHLINE STA. 3359+00
SEE SHEET 263



0 50 100
SCALE IN FEET

MATCHLINE STA. 3373+00.00
SEE ABOVE



0 50 100
SCALE IN FEET

PAVEMENT MARKING LEGEND

- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' LINE 30' SPACE) | ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 10' OR LESS SPACING. (WHITE, CHEVRONS) | ⑩ MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, STOP LINE) | ⑪ MODIFIED URETHANE PAVEMENT MARKING-LINE 6" (SOLID WHITE) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, LONGITUDINAL CROSSWALK), SEE DISTRICT DETAIL TC-13 | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONAL AT 45° (SOLID WHITE, SHOULDER) | ⑫ MODIFIED URETHANE PAVEMENT MARKING-LINE 24" (SOLID WHITE) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID) | ⑧ THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID) |
| | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑭ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' LINE 6' SPACE) |

SIGNING LEGEND

- | | |
|--|---|
| Ⓐ EXISTING SIGN TO REMAIN | Ⓔ REMOVE AND REPLACE WITH NEW SIGN PANEL/ SIGN PANEL ASSEMBLY ON EXISTING WOODEN POST |
| Ⓑ RELOCATE SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT | Ⓕ REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT |
| Ⓒ REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON EXISTING LIGHT POLE | Ⓖ REMOVE AND REPLACE WITH NEW SIGN PANEL/ASSEMBLY ON NEW LIGHT POLE |
| Ⓓ REMOVE AND REPLACE WITH NEW SIGN PANEL/SIGN PANEL ASSEMBLY ON NEW TELESCOPING STEEL SIGN SUPPORT | Ⓗ RELOCATE SIGN PANEL/SIGN ASSEMBLY ON NEW DOUBLE STEEL SIGN SUPPORT |



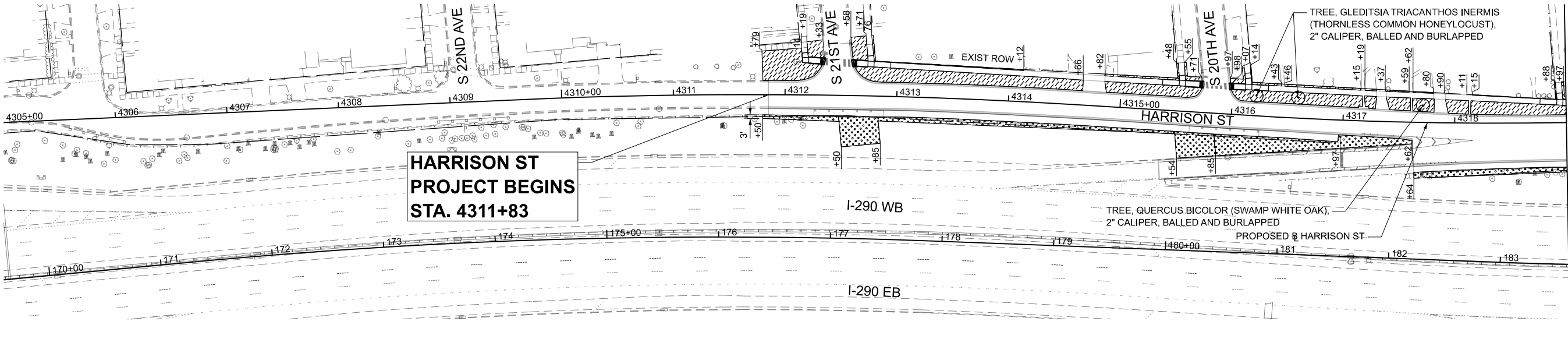
USER NAME = jploquinio	DESIGNED - MGP	REVISED -
	DRAWN - AA	REVISED -
PLOT SCALE = 0.16666667' / in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

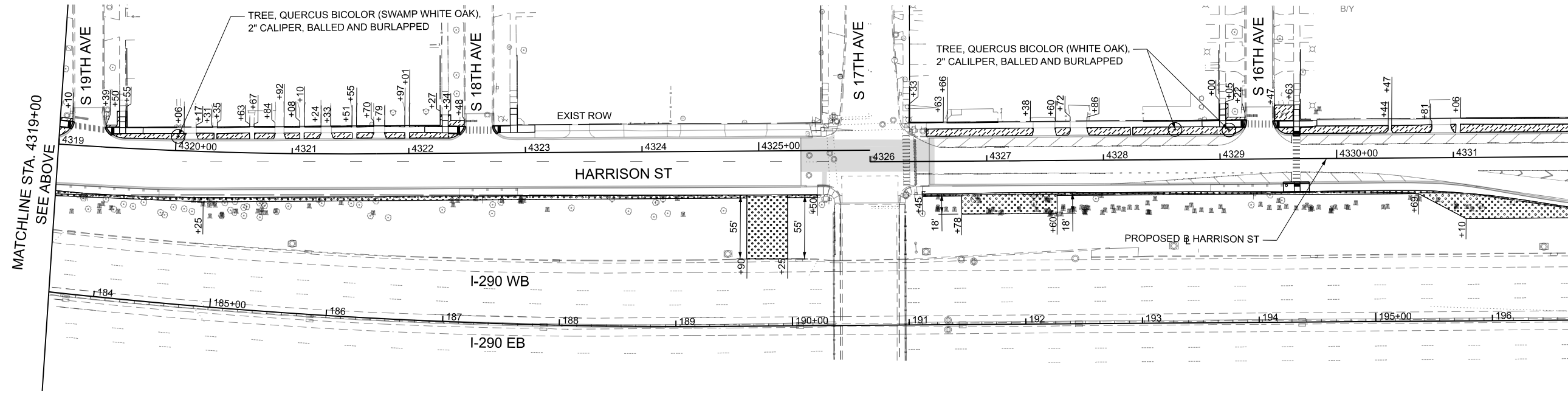
PAVEMENT MARKINGS AND SIGNING PLAN - BATAAN DR
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 3331+00 TO STA. 3359+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	264
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



MATCHLINE STA. 4319+00
SEE BELOW



MATCHLINE STA. 4332+00
SEE SHEET 266

MODEL: P:\R1_Harrison1 - Harrison St-Sheet 1 (Sheet)
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LEGEND

- SODDING, SALT TOLERANT WITH SUPPLEMENTAL WATERING AND FERTILIZER NUTRIENTS
- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS
- CLASS D PATCHES, 12"
- CLASS D PATCHES, 12" (SPECIAL)
- PROPOSED TREE WITH 2.5' MULCH RING



USER NAME = jploquinio	DESIGNED - ME	REVISED -
	DRAWN - ME	REVISED -
PLOT SCALE = 0.16666667" / in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 4305+00 TO STA. 4332+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	265
CONTRACT NO. 62X09				
ILLINOIS FED.AID PROJECT 6W/LW(875)				

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LEGEND



SODDING, SALT TOLERANT WITH SUPPLEMENTAL WATERING AND FERTILIZER NUTRIENTS



SEEDING CLASS 2A WITH EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS



CLASS D PATCHES, 12"



CLASS D PATCHES, 12" (SPECIAL)



PROPOSED TREE WITH 2.5' MULCH RING



USER NAME	= jplquinio	DESIGNED	- ME	REVISED	-
DRAWN	- ME	CHECKED	- AB	REVISED	-
PLOT SCALE	= 0.16666667' / in.	DATE	- 05/22/2026	REVISED	-
PLOT DATE	= 7/20/2026				

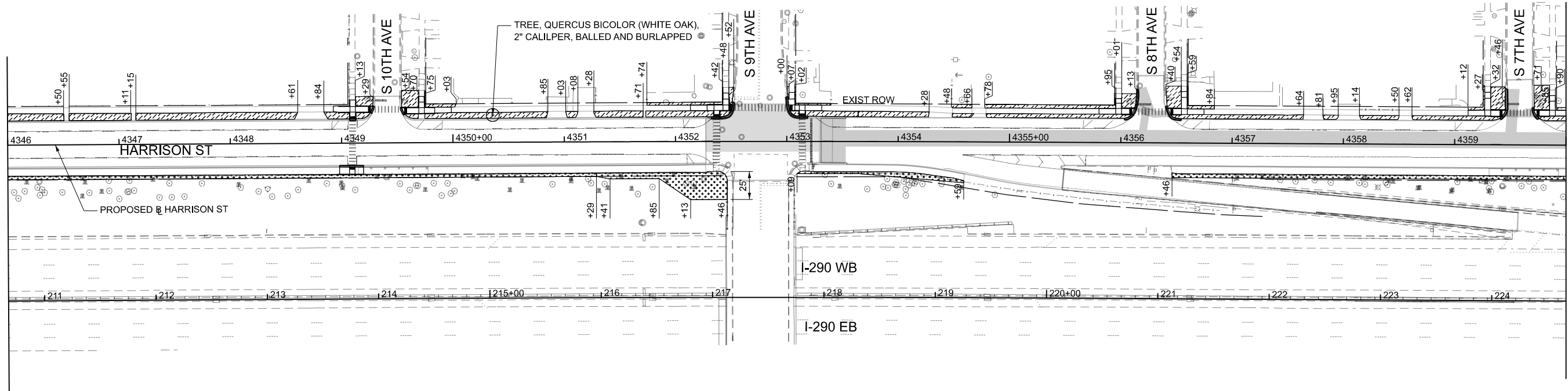
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 4332+00 TO STA. 4360+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	266
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

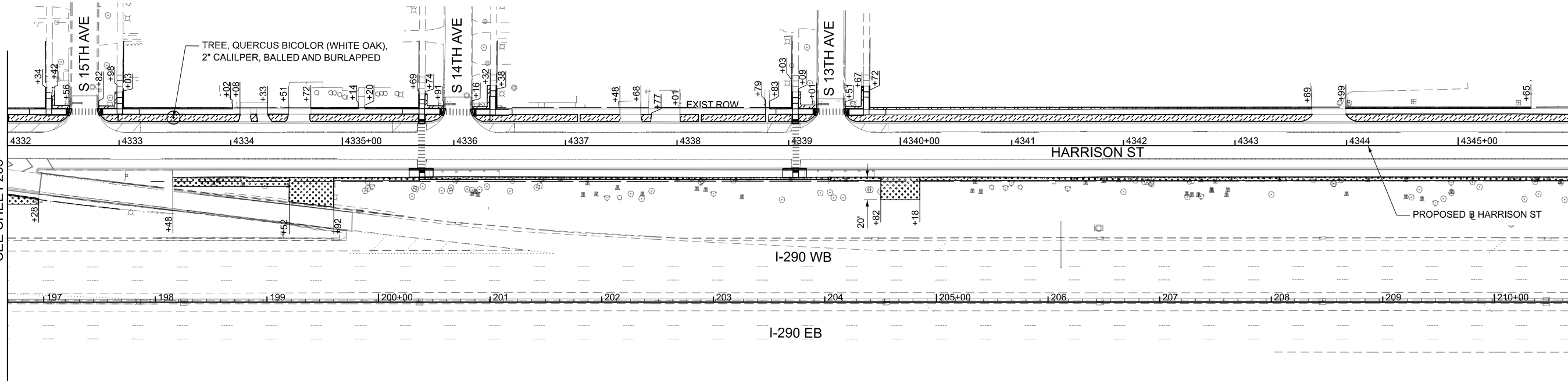
MATCHLINE STA. 4346+00
SEE ABOVE



MATCHLINE STA. 4360+00
SEE SHEET 267



MATCHLINE STA. 4332+00
SEE SHEET 265



MATCHLINE STA. 4346+00
SEE BELOW



MODEL: P:\R1 - Harrison St\Sheet 3 (Sheet)
FILE NAME: G:\Engineering\Landscaping\2020\I-290 IFS PH\03_CADD\01_Sheets\1-5-Landscaping\I-290 IFS PH\03_CADD\01_Sheets\1-5-Landscaping-Harrison St.dgn

LEGEND



SODDING, SALT TOLERANT WITH SUPPLEMENTAL WATERING AND FERTILIZER NUTRIENTS



SEEDING CLASS 2A WITH EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS



CLASS D PATCHES, 12"

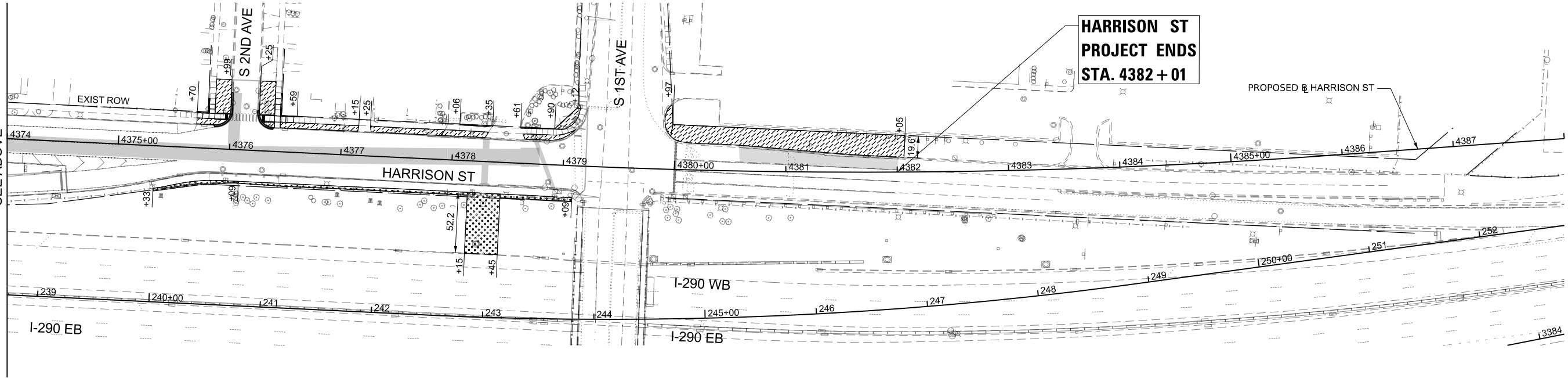


CLASS D PATCHES, 12" (SPECIAL)

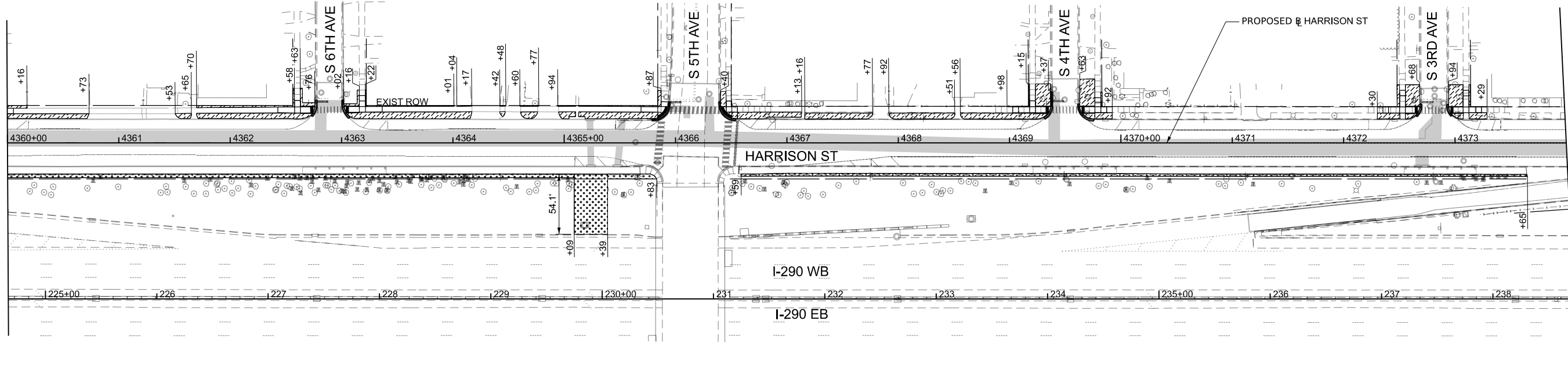


PROPOSED TREE WITH 2.5' MULCH RING

MATCHLINE STA. 4374+00
SEE ABOVE



MATCHLINE STA. 4360+00
SEE SHEET 266



MATCHLINE STA. 4374+00
SEE BELOW



USER NAME = jploquinio	DESIGNED - ME	REVISED -
DRAWN - ME	REVISED -	
PLOT SCALE = 0.16666667' / in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 4360+00 TO STA. 4388+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	267
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL P&L Bataan - Bataan D-2 (Sheet)
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LEGEND



SODDING, SALT TOLERANT WITH SUPPLEMENTAL WATERING AND FERTILIZER NUTRIENTS



SEEDING CLASS 2A WITH EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS



CLASS D PATCHES, 12"

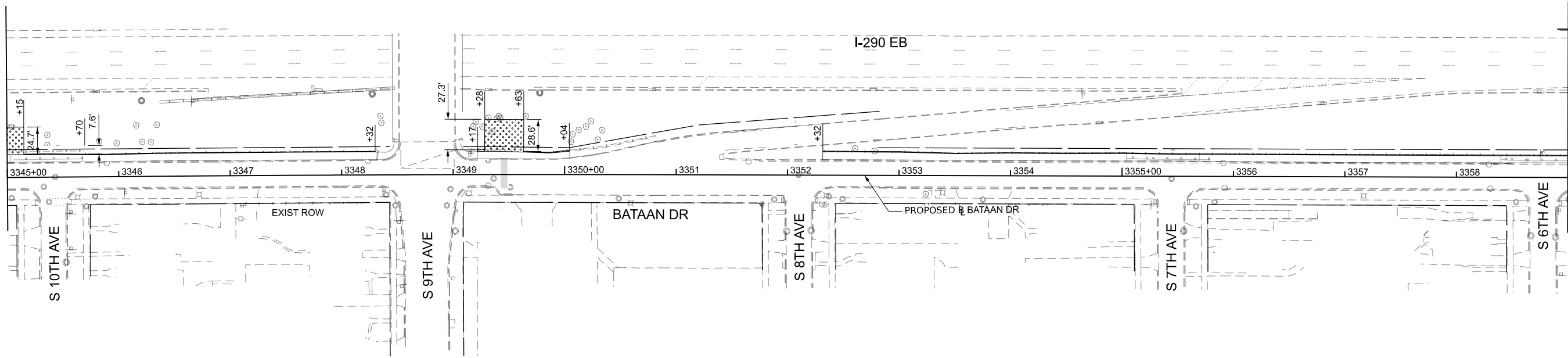


CLASS D PATCHES, 12" (SPECIAL)



PROPOSED TREE WITH 2.5' MULCH RING

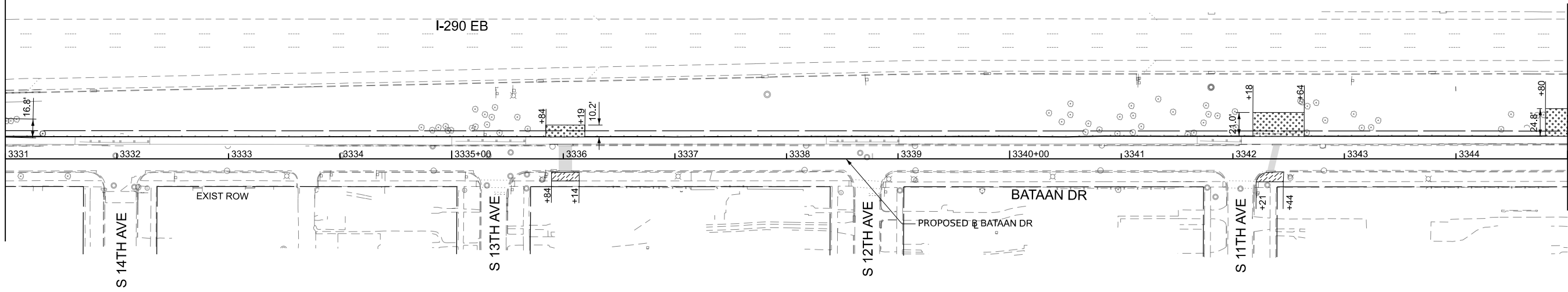
MATCHLINE STA. 3345+00
SEE ABOVE



MATCHLINE STA. 3359+00
SEE SHEET 270



MATCHLINE STA. 3331+00
SEE SHEET 268



MATCHLINE STA. 3345+00
SEE BELOW



USER NAME = jploquinio	DESIGNED - ME	REVISED -
	DRAWN - ME	REVISED -
PLOT SCALE = 0.16666667' / in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN - BATAAN DR
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 5 OF 7 SHEETS STA. 3331+00 TO STA. 3359+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	269
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

MODEL: P:\Bata - Bataan - D-3 (Sheet)
FILE NAME: C:\Engineering\Drawings\2024\290 FRS PH\03_CADD\01_Sheets\1-5-Landscaping\I-290\Bata-Landscape-Bataan-D-3.dgn

LEGEND



SODDING, SALT TOLERANT WITH SUPPLEMENTAL WATERING AND FERTILIZER NUTRIENTS



SEEDING CLASS 2A WITH EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS



CLASS D PATCHES, 12"



CLASS D PATCHES, 12" (SPECIAL)



PROPOSED TREE WITH 2.5' MULCH RING



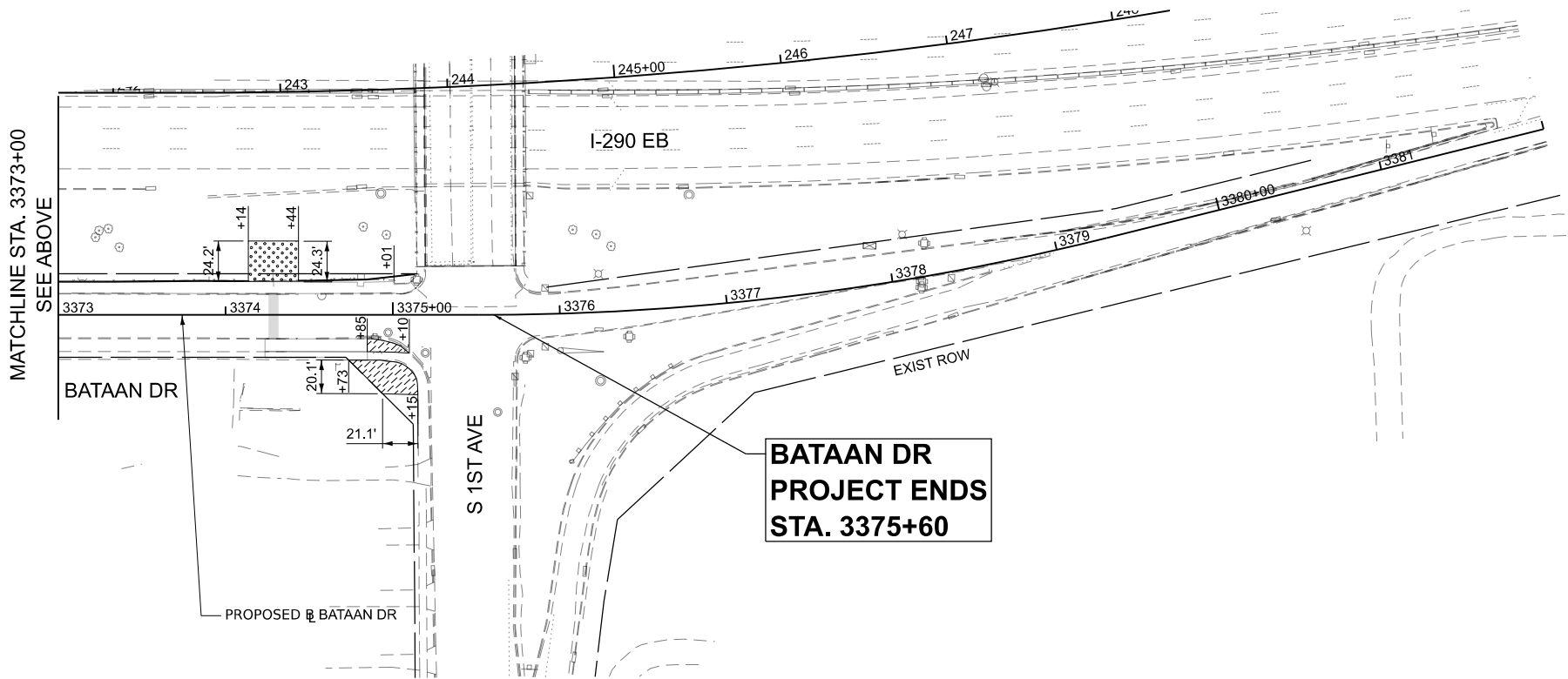
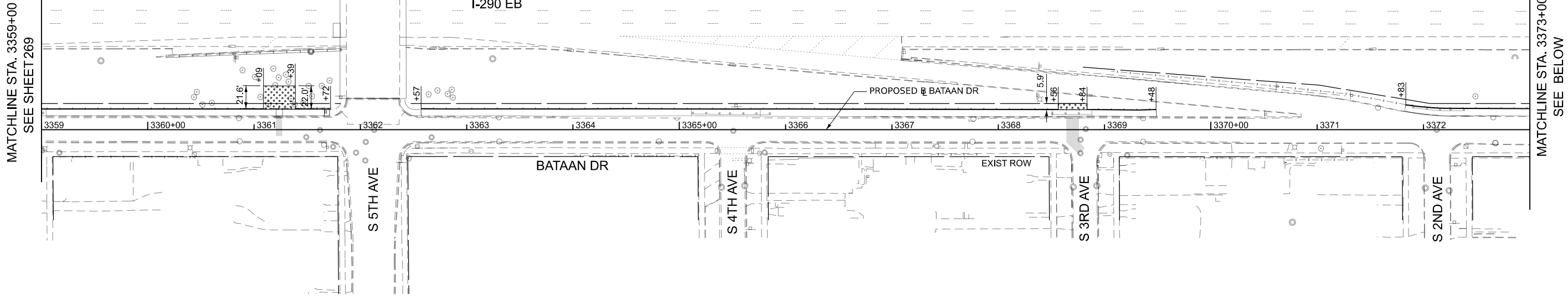
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PLOT SCALE = 0.16666667' / in.	CHECKED - AB	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN - BATAAN DR
I-290 FROM 22ND AVE TO DES PLAINES RIVER

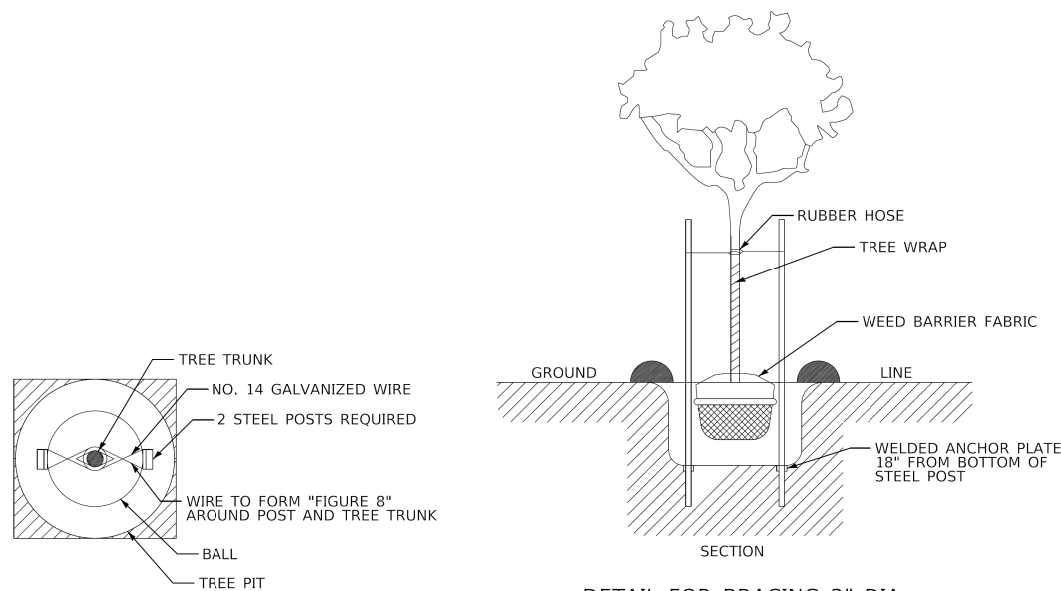
SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 3359+00 TO STA. 3382+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	270
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

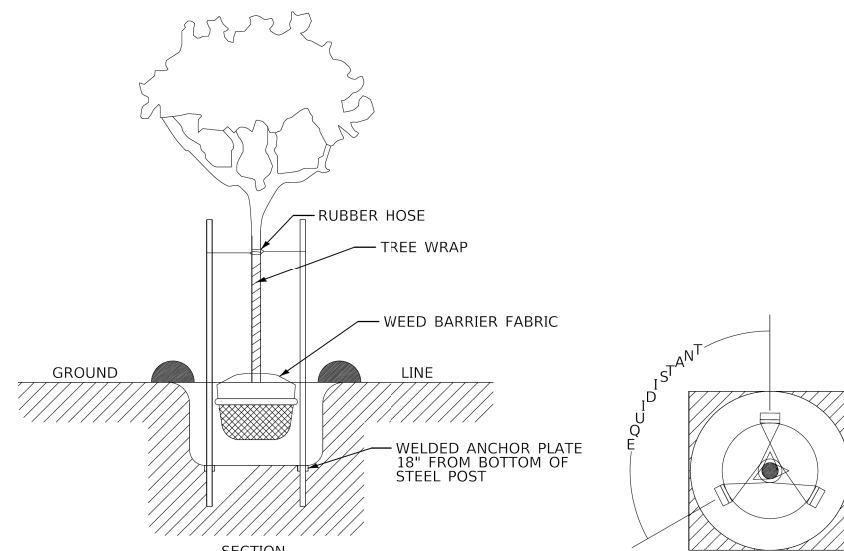


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

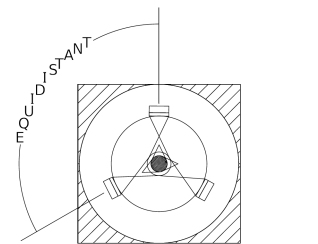
SHRUBS, VINES AND SEEDLINGS	SPACING (FOOT)	CIRCULAR HOLE EXC. DIA.	TOPSOIL FOR PLANTING	SHREDDED TREE BARK (ORGANIC)
			(CU. YD.)	(CU. YD.)
SHRUBS	2.5 O.C.	18	0.09	0.08
SHRUBS	3 O.C.	18	0.09	0.11
SHRUBS	4 O.C.	18	0.09	0.20
SHRUBS	5 O.C.	18	0.09	0.31
SHRUBS	2.5 O.C.	18	0.09	0.08
SHRUBS 13 x 11 BB	3 O.C.	18	0.07	0.11
VINES AND SEEDLINGS	2 O.C.	18	0.02	0.05



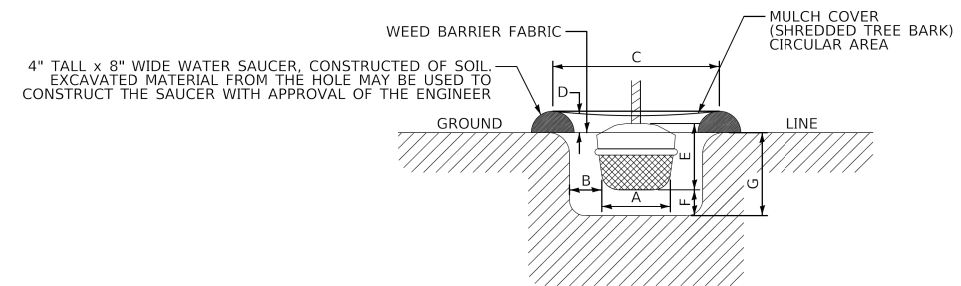
PLAN 2"- 3" DIA.



DETAIL FOR BRACING 2" DIA.
AND
LARGER TREES

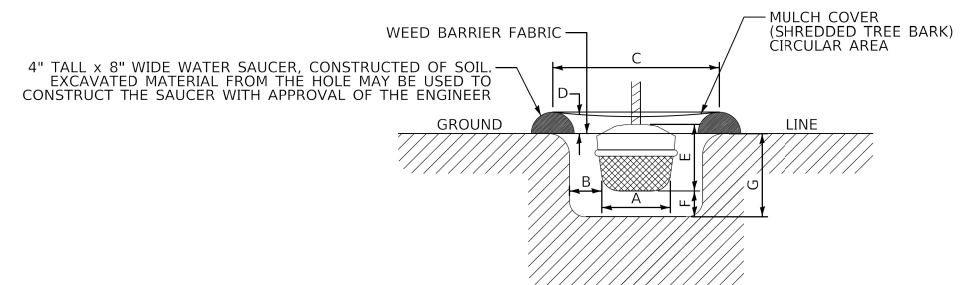


PLAN 3" DIA. AND LARGER



SMALL TREES

SHREDDED TREE BARK (ORGANIC)	TREE SIZE	DIA. OF BALL OR ROOT SYS.	WIDTH SOIL RING	SQUARE HOLE EXC.	THICK MULCH COVER	DEPTH BALL OR ROOT SYS.	DEPTH SOIL LAYER	DEPTH HOLE EXC.	TOPSOIL FOR PLANTING
(CU. YD.)		A	2 x B	C	D	E	F	G	(CU. YD.)
0.06	5 - 6	16	14	30 x 30	4	12	6	16	0.40
0.06	5 - 6 BB	16	14	30 x 30	4	13	6	17	0.38
0.06	6 - 7 BB	18	12	30 x 30	4	14	6	18	0.40
0.09	7 - 8 BB	20	16	36 x 36	4	15	6	19	0.60
0.09	8 - 10 BB	24	12	36 x 36	4	16	6	20	0.60
0.09	10 - 12 BB	26	16	36 x 36	4	17	6	21	0.60



LARGE TREES

SHREDDED TREE BARK (ORGANIC)	TREE SIZE	DIA. OF BALL OR ROOT SYS.	WIDTH SOIL RING	SQUARE HOLE EXC.	THICK MULCH COVER	DEPTH BALL OR ROOT SYS.	DEPTH SOIL LAYER	DEPTH HOLE EXC.	TOPSOIL FOR PLANTING
(CU. YD.)		A	2 x B	C	D	E	F	G	(CU. YD.)
0.09	10 - 12	20	16	36 x 36	4	15	6	19	0.65
0.15	2 - 2½ Ft BB	24	24	48 x 48	4	16	6	20	1.15
0.15	2½ - 3 Ft BB	28	26	48 x 48	4	18	6	22	1.20
0.24	3 - 3½ Ft BB	32	28	60 x 60	4	19	6	23	2.05
0.24	3½ - 4 Ft BB	36	24	60 x 60	4	20	6	26	2.25
0.35	4 - 4½ Ft BB	40	32	72 x 72	4	24	6	28	3.55
0.35	4½ - 5 Ft BB	44	32	72 x 72	4	26	6	30	3.75
0.45	5 - 5½ Ft BB	46	36	88 x 88	4	31	6	35	6.55
0.06	5 - 6 Ft BB Ever. #2	19	11	30 x 30	4	14	6	18	0.40
0.06	6 - 7 Ft BB Ever. #2	21	9	30 x 30	4	15	6	19	0.40
0.09	7 - 8 Ft BB Ever. #2	24	12	36 x 36	4	16	6	20	0.60

STANDARD LS-1

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY:	XXX	 COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED:	XXX	REVISIONS	DATE	PLANTING DATA COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS LANDSCAPING STANDARD	LS-X NOT TO SCALE SHEET X
	FISCAL YEAR:	XXXX		DRAWN:	XXX	X	XX-XX-XX		
	SECTION:	XX-XXXX-XX-XX		CHECKED:	XXX				

TRAFFIC SIGNAL LEGEND

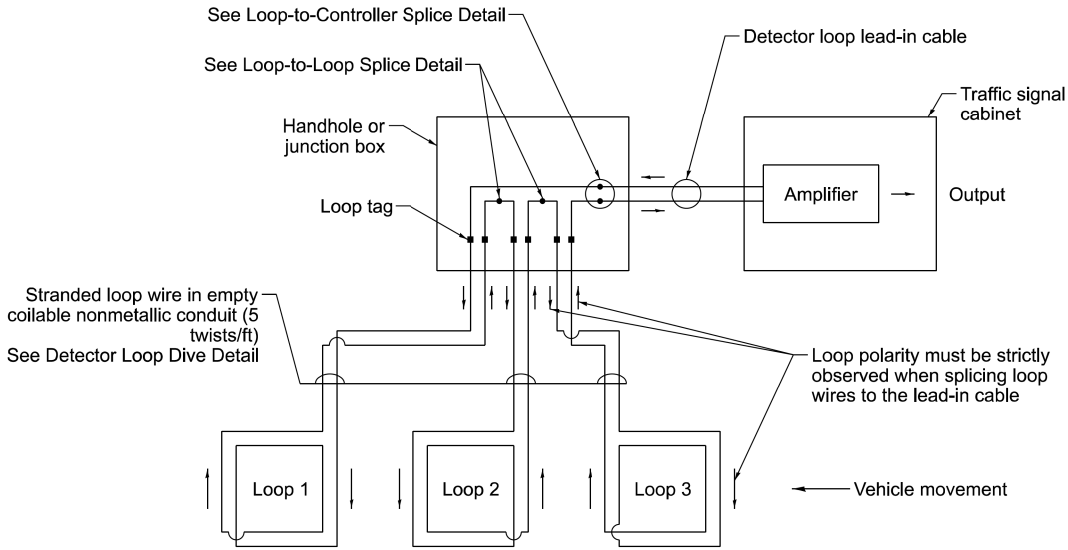
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
Traffic Signal Cabinet			Handhole			Signal Head		
Uninterruptable Power Supply			-Square			-(P) Programmable Signal Head		
Communication Cabinet			-Round			-(EV) Elongated Visors		
Master Controller			Double Handhole			Signal Head with Backplate		
Master Master Controller			Heavy Duty Handhole			-(RB) Retroreflective Backplate		
Service Installation			-Square			-(P) Programmable Signal Head		
-(P) Pole Mounted			-Round			-(EV) Elongated Visors		
Service Installation			Junction Box			Pedestrian Signal Head		
-(G) Ground Mounted			Railroad Cantilever Mast Arm			with Countdown Timer		
-(GM) Ground Mounted Metered			Railroad Flashing Signal			Illuminated LED Sign		
Cellular Modem			Railroad Crossing Gate			"NO LEFT TURN"/"NO RIGHT TURN"		
Telephone Connection			Railroad Crossbuck			Electric Cable, Signal, No. 14 -		
Steel Mast Arm Assembly and Pole			Railroad Controller Bungalow			2/C, 3/C, 5/C, 7/C		
Aluminum Mast Arm Assembly and Pole			Underground Conduit (UC),			Electric Cable, Lead-In, No. 14, 1 Pair		
Steel Combination Mast Arm Assembly			Galvanized Steel			Service Cable, 2/C -		
and Pole with Luminaire			Temporary Span Wire,			No. 2, No. 4, No. 6		
Signal Post			Tether Wire, and Cable			Ground Cable		
-(BM) Barrel Mounted - Temporary			System Item			No. 6 Solid Copper (Green), 1/C		
Wood Pole			Intersection Item			Electric Cable, Tracer, No. 14, 1/C		
Guy Wire			Removal Item			Electric Cable, Railroad, No. 14, 3/C		
Signal Head			Relocate Item			Electric Cable, Street Name Sign		
Signal Head with Backplate			Abandon Item			No. 14, 3/C, Type SOOW		
Signal Head - Programmable			Controller Cabinet and			Vendor Cable		
Flasher Installation			Foundation to be Removed			Emergency Vehicle Priority Line		
-(FS) Solar Powered			Mast Arm Pole and			Sensor Cable, No. 20, 3/C		
Pedestrian Signal Head			Signal Post and			Outdoor Rated Network Cable		
Pedestrian Push Button			Foundation to be Removed			Fiber Optic Cable		
-(APS) Accessible Pedestrian Push Button			Detector Loop, Type I			-12F: 12 Multimode		
Radar Detection Sensor			Preformed Detector Loop			-24F: 12 Multimode / 12 Single Mode		
Video Detection Camera			Wireless Detector Sensor			-36F: 12 Multimode / 24 Single Mode		
Radar/Video Detection Zone						-24SM: 24 Single Mode		
Pan, Tilt, Zoom (PTZ) Camera						-48SM: 48 Single Mode		
Emergency Vehicle Light Detector						Ground Rod		
Confirmation Beacon						-(C) Controller		
Wireless Interconnect						-(M) Mast Arm		
Wireless Interconnect Radio Repeater						-(P) Post		
Wireless Access Point						-(S) Service		

TS SHT NO. 1

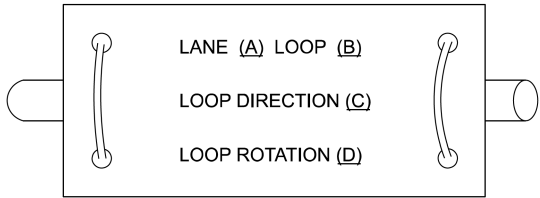
MODEL SHEET
FILE NAME: C:\Engineering\UwePolos\25001_1290 FRS PH\03_CADD\01_Sheets\TS-TrafficSignal\012X04-std-standard-05.dgn

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

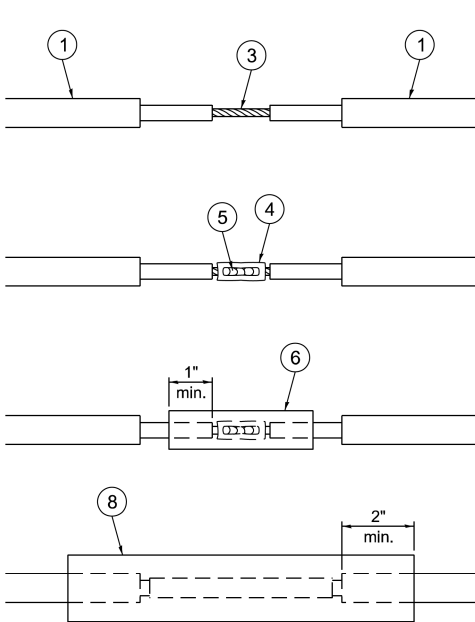


DETECTOR LOOP WIRING SCHEMATIC



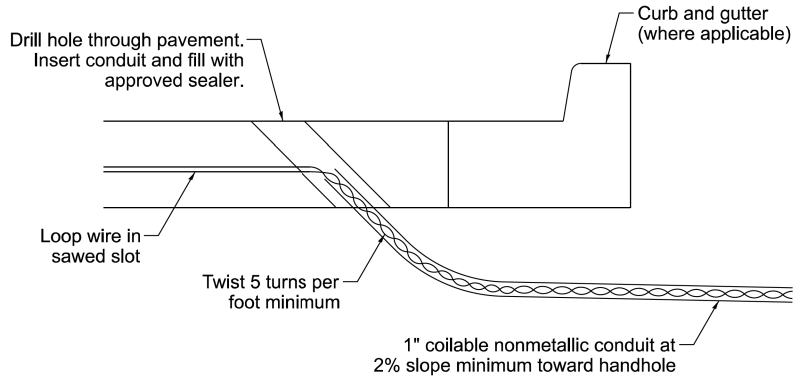
- A. Lane 1 is the lane closest to the centerline of the roadway.
- B. Loop #1 is the loop closest to the intersection.
- C. Label loop cable "in" or loop cable "out".
- D. Label loop cable clockwise or loop cable counterclockwise.

DETECTOR LOOP LEAD-IN CABLE TAG

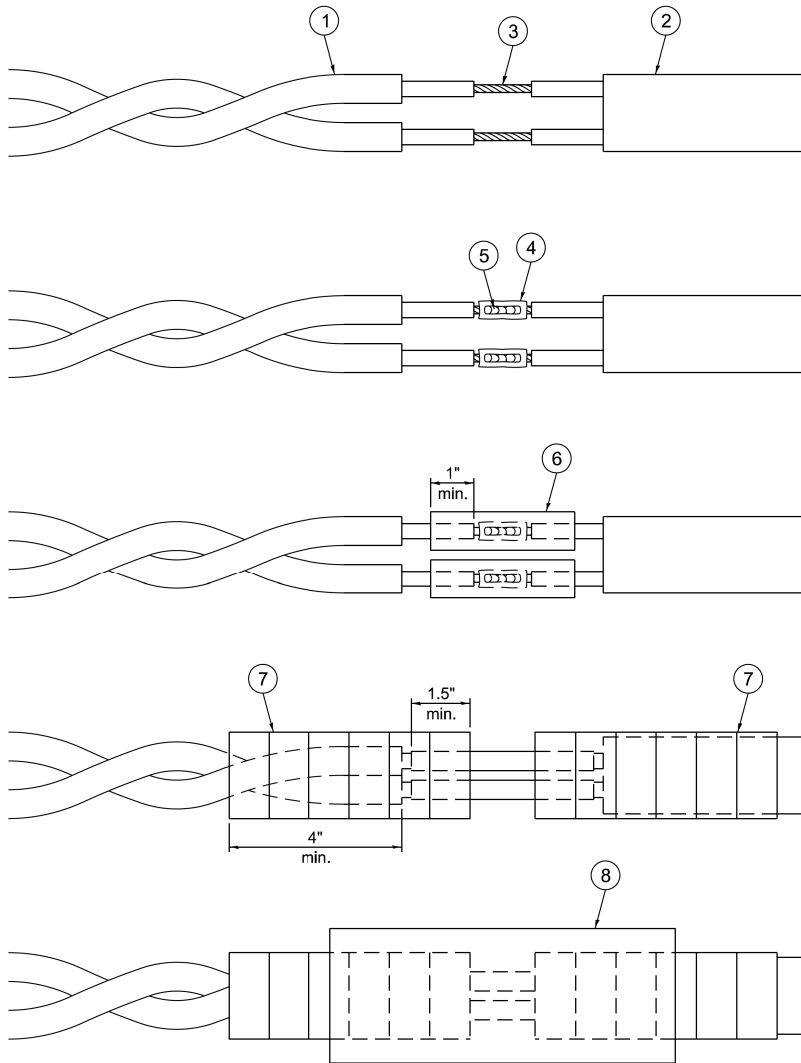


LOOP-TO-LOOP SPLICE DETAIL

- 1 Detector loop cable.
- 2 Detector loop lead-in cable
- 3 Bare conductors twisted together.
- 4 Butt splice crimp connector.
- 5 Splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The splices shall be staggered.
- 6 WCSMW 30/100 heat shrink tube, 3" minimum length, underwater grade.
- 7 Self-infused, silicone electrical tape tightly wrapped around cables.
- 8 WCS 200/750 heat shrink tube, 8" minimum length, underwater grade.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

MODEL SHEET 7
FILE NAME: C:\Engineering\Utility\pds\25001_1290 FRS PH\03_CADD\01_Sheets\1a-TrafficSignal\0162X09-std-standard-05.dgn



USER NAME =	lovan.plascenda	DESIGNED -	IP	REVISED -	
		DRAWN -	IP	REVISED -	
		CHECKED -	NB/KK	REVISED -	
PLOT DATE =		DATE -	10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

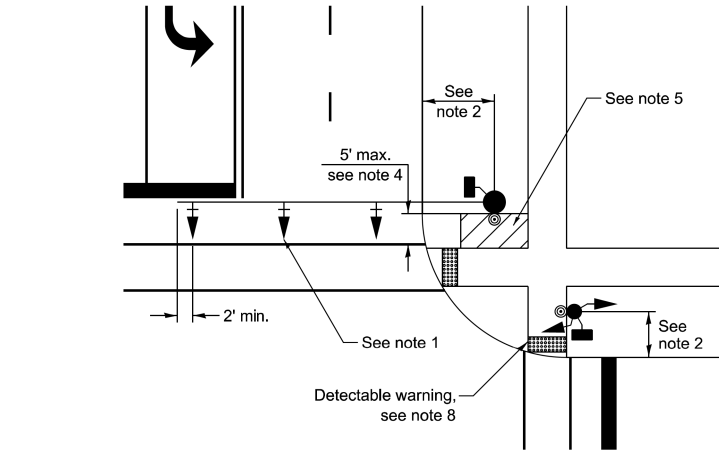
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET 2 OF 22 SHEETS STA. TO STA.

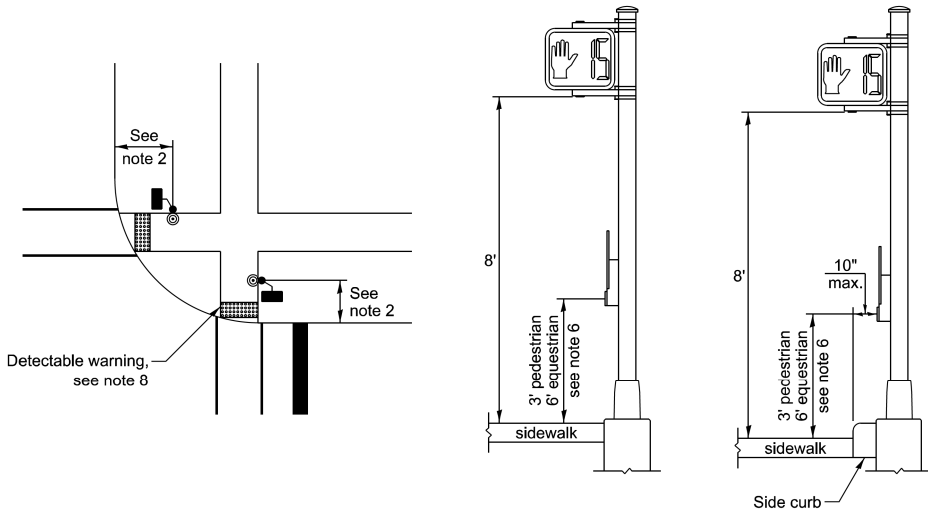
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	273
TS-01		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6W/LW(875)		

NOTES:

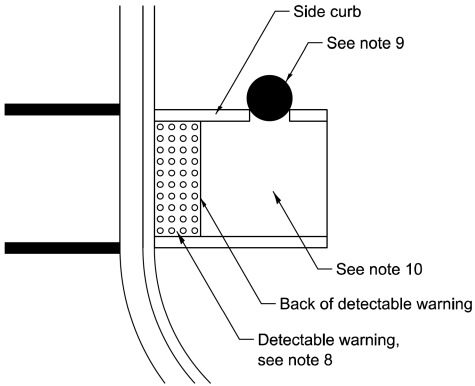
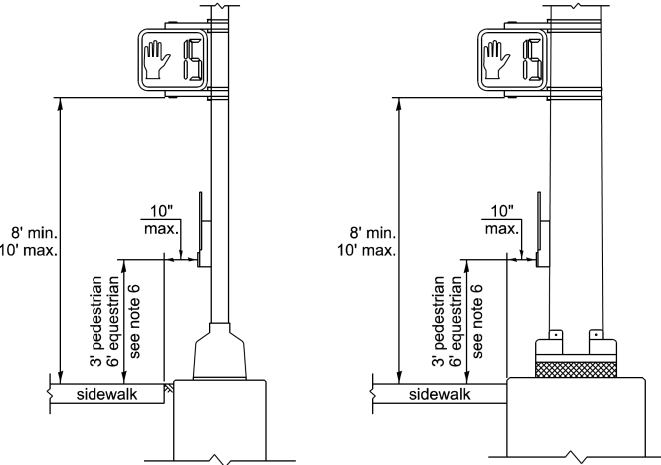
1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" ORAS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.



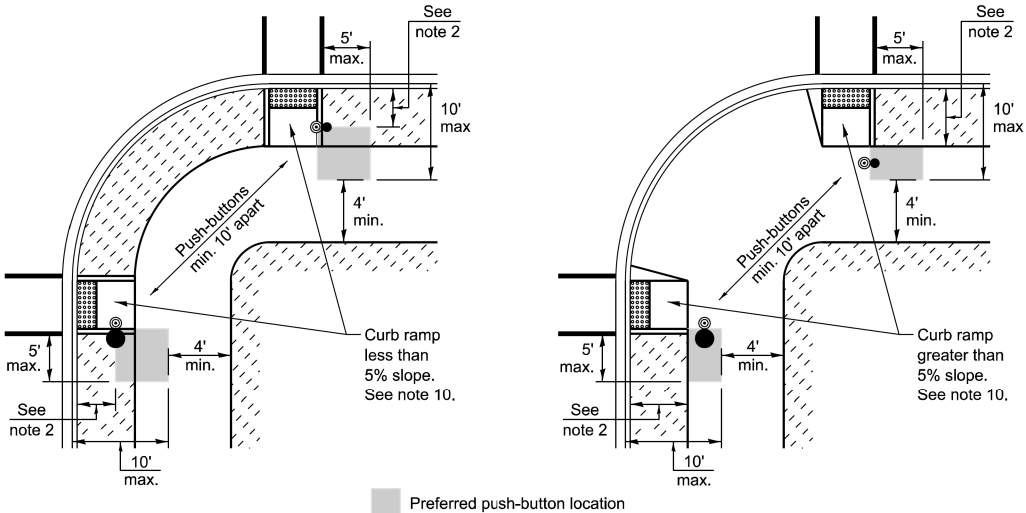
PEDESTRIAN SIGNAL POST



TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PUSH-BUTTON LOCATIONS



TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
Mast arm assembly and pole	6'	Shoulder width + 2', minimum 10'
Signal post	4'	Shoulder width + 2', minimum 10'
Pedestrian signal post	4'	4' - See note 2
Temporary wood pole	6'	Shoulder width + 2', minimum 10'
Traffic signal cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3
Service cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.



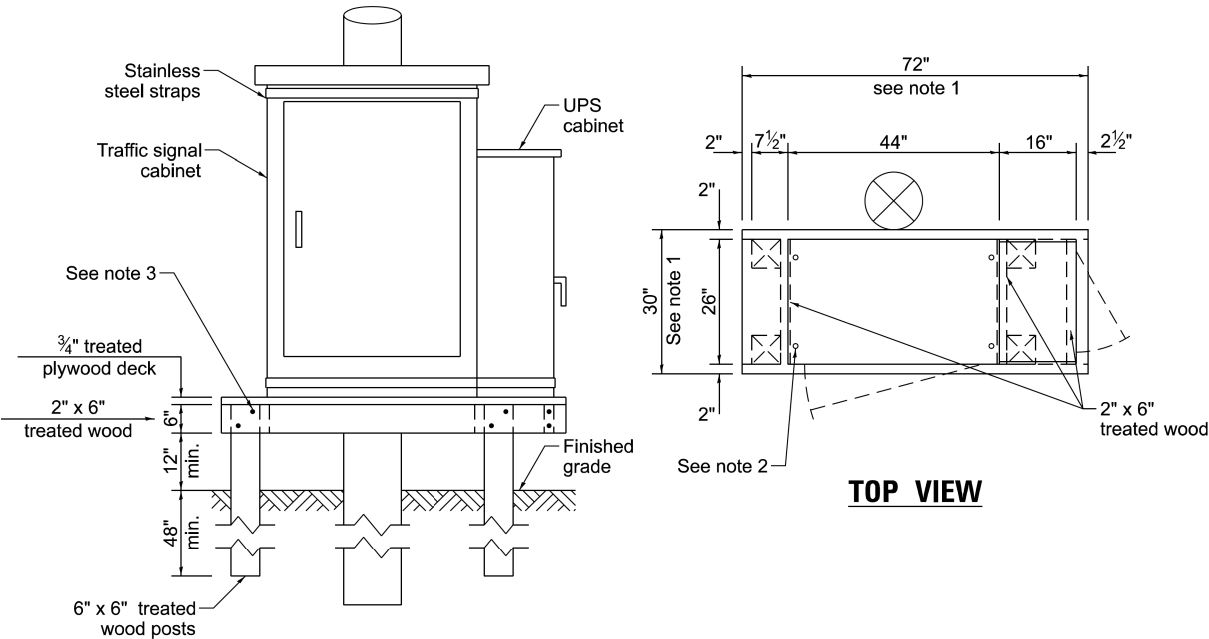
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PLOT DATE =		DATE -	10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET 3 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	274
TS-01		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6W/LW(875)		



TOP VIEW

NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

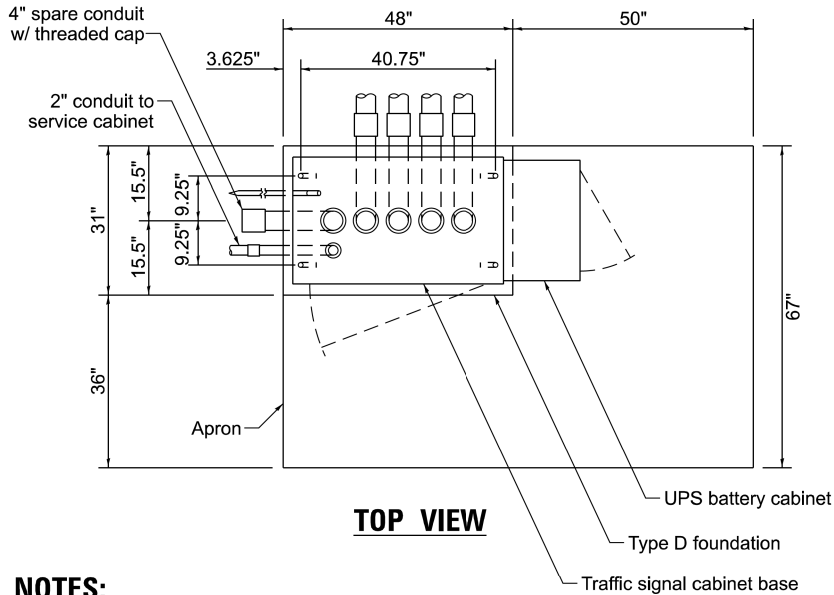
TEMPORARY TRAFFIC SIGNAL
CABINET WOOD SUPPORT PLATFORM

MAST ARM LENGTH	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30'	10'	30"	24"	8	#6
Greater than or equal to 30' and less than 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
Greater than or equal to 40' and less than 50'	13'	36"	30"	12	#7
Greater than or equal to 50' and up to 55'	15'	36"	30"	12	#7
Greater than or equal to 56' and less than 65'	21'	42"	36"	16	#8
Greater than or equal to 65' and up to 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TYPE E FOUNDATION NOTES:

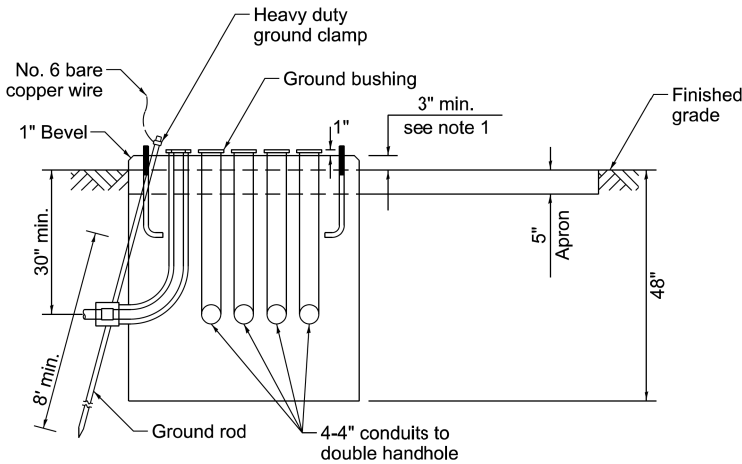
1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.



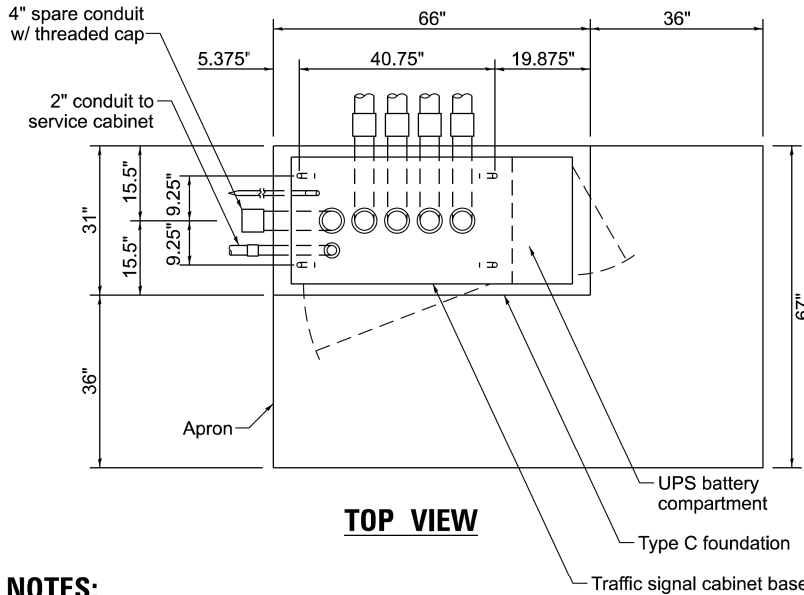
TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



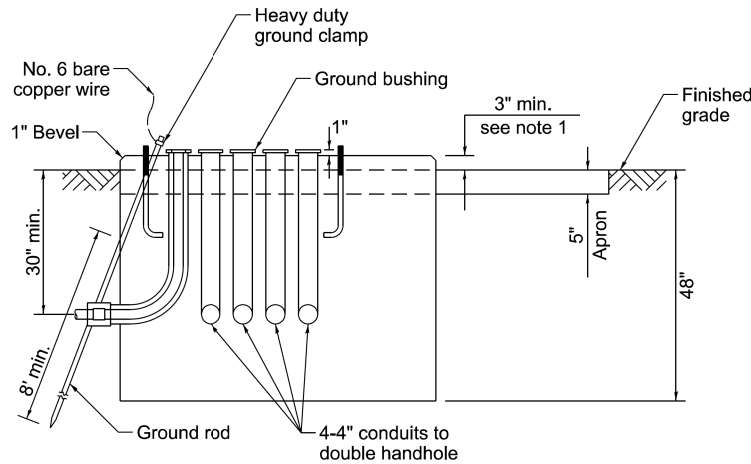
TYPE D FOUNDATION
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET
AND UPS BATTERY CABINET



TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION
SUPER P AND SUPER R
TRAFFIC SIGNAL CABINETS

FOUNDATION	DEPTH
Type A - Signal post, service cabinet	4'
Type C - Traffic signal cabinet with UPS	4'
Type D - Traffic signal cabinet	4'

DEPTH OF FOUNDATIONS
TYPES A, C & D

VERTICAL CABLE	LENGTH
Mast arm mounted signal head (L = mast arm length - distance to signal head from end of arm)	20'+L
Bracket mounted signal head (mast arm pole or signal pole)	13'
Pedestrian signal head	10'
Pedestrian push button	6'
Service installation pole mount to service drop	13.5'
Service installation pole mount to ground	13.5'
Service installation ground mount	6'
Foundation (signal post, mast arm, traffic signal cabinet, service cabinet)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
Handhole	6.5'
Double handhole	13'
Signal post	2'
Mast arm	2'
Traffic signal cabinet or service cabinet	1.5'
Fiber optic cable at traffic signal cabinet	13'
Ground cable at signal post, mast arm, or cabinet	1.5'
Ground cable at handhole or double handhole	6.5'
Ground cable between handhole frame and cover	5'

CABLE SLACK LENGTH



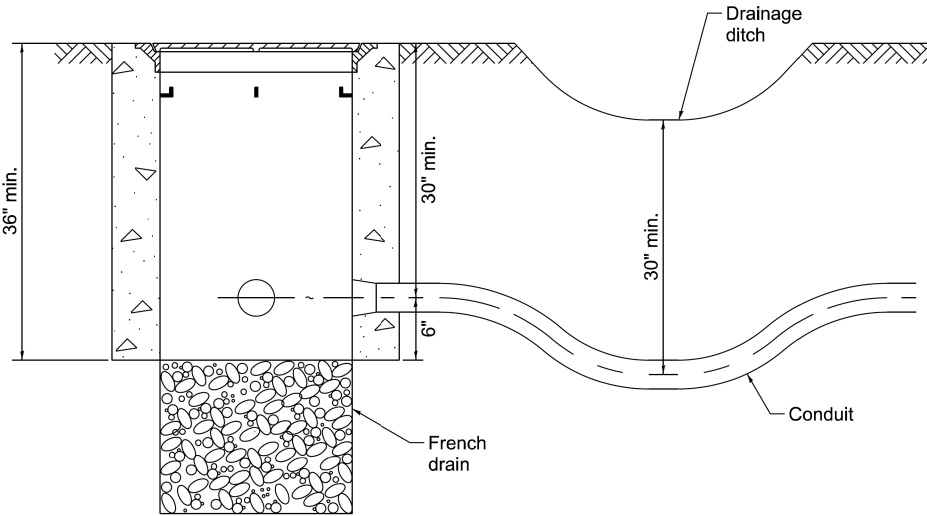
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PLOT DATE =		DATE -	10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET 5 OF 22 SHEETS STA. TO STA.

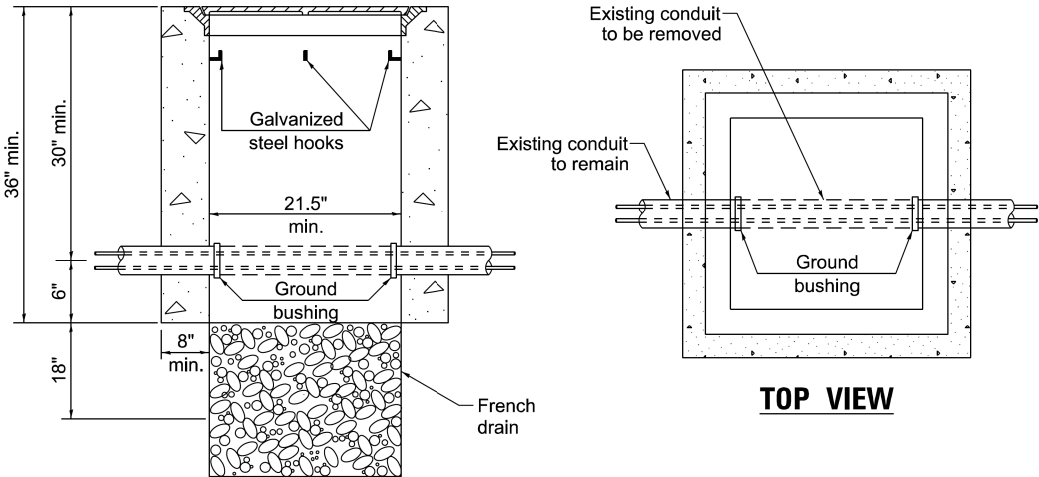
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	276
TS-01		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6W/LW(875)		



NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

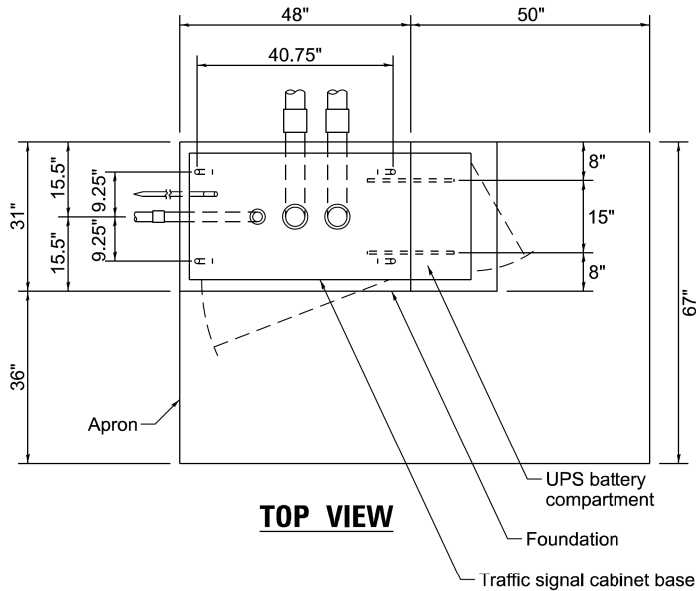
HANDHOLE WITH MINIMUM CONDUIT DEPTH



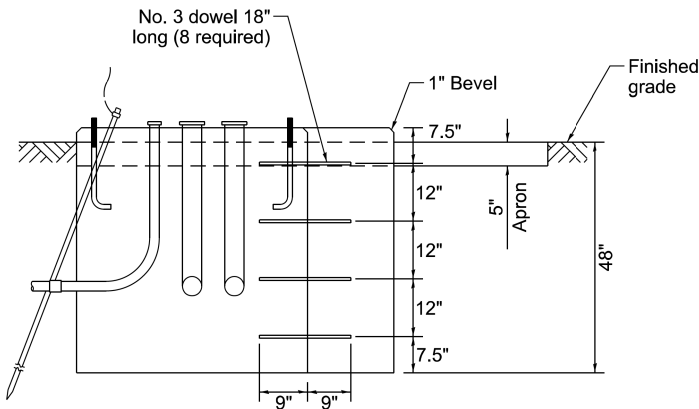
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

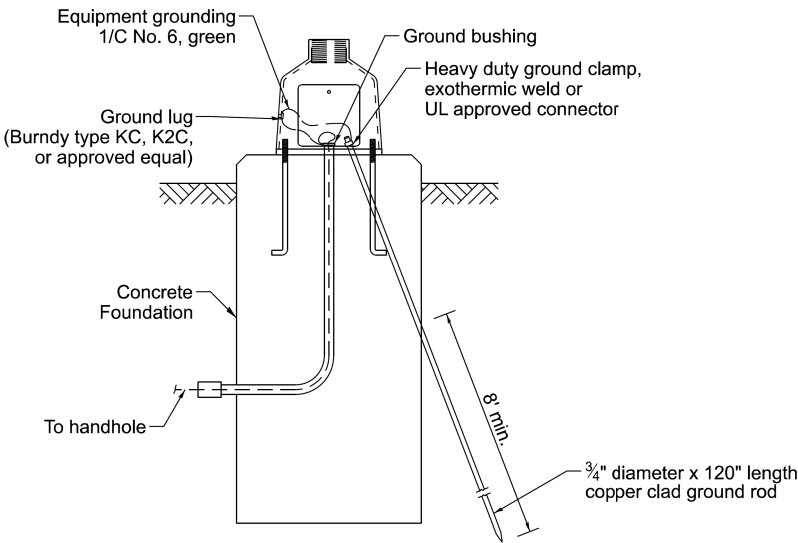
HANDHOLE TO INTERCEPT EXISTING CONDUIT



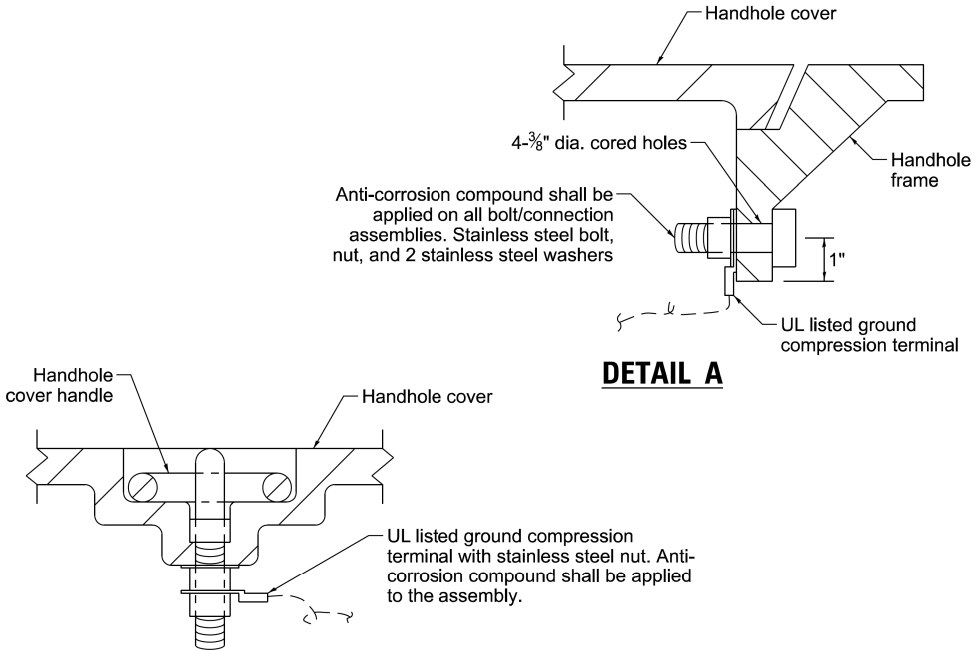
TOP VIEW



MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION

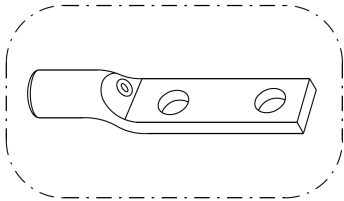


MAST ARM / POST GROUNDING DETAIL

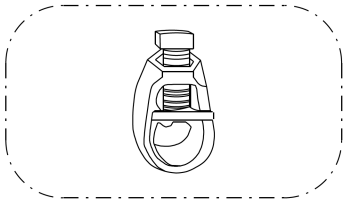


DETAIL A

DETAIL B



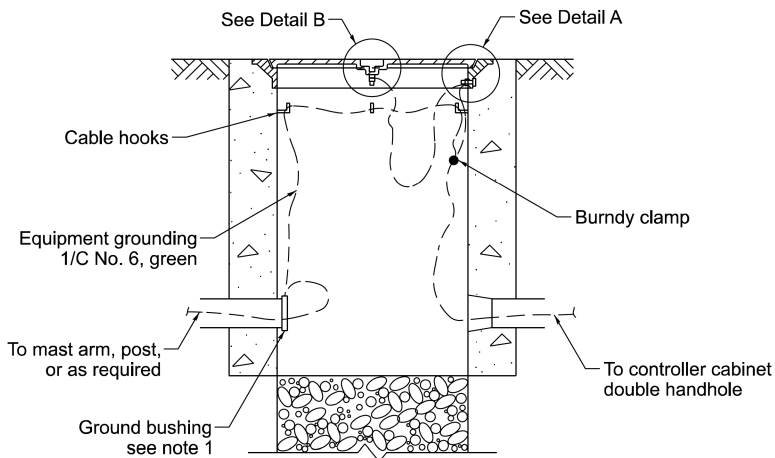
Heavy-Duty Compression Terminal
(Burndy Type YGHA or approved equal)



3/4" Heavy-Duty Ground Rod Clamp
Bronze or Copper, UL Approved
(Burndy Type GRC or approved equal)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDING.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL



USER NAME	=	lovan.plascenda
DESIGNED	-	IP
DRAWN	-	IP
CHECKED	-	NB/KK
DATE	-	10/15/2025

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

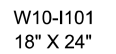
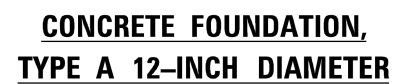
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS SHEET 6 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	277
TS-01		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6W/LW(875)		



1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3e IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

USER NAME = iovan,plasoenda	DESIGNED = IP	REVISED =
	DRAWN = IP	REVISED =
	CHECKED = NB/KK	REVISED =
PLOT DATE =	DATE = 10/15/2025	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

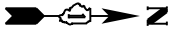
DISTRICT 1

STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NTS	SHEET 7 OF 22 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	278
TS-01		CONTRACT NO. 62X09		
ILLINOIS FEDERAL AID PROJECT 6W1(WA75)				

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT IS OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. THE EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.
4. EXISTING SIGNAL HEADS NOT SCHEDULED FOR REMOVAL SHALL BE BAGGED DURING CONSTRUCTION UNTIL THIS STAGE IS COMPLETE.



TS 100
EAGLE 5E

TS SHT NO. 8

MODEL: Default
FILE NAME: Q:\Engineering\Live\Projects\25001 - 290 FRS Ph II\03 CADD\01 Sheets\16-Traffic\Signals\Dr162X09-sh-15-Exd-1st Ave.dgn



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	DRAWN - JD	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JD	REVISED -
PLOT DATE = 6/24/2026	DATE - 05/22/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY/REMOVAL TRAFFIC SIGNAL PLAN
1ST AVE - STAGE 6
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S.	SHEET 8 OF 22 SHEETS	STA. -	TO STA. --
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	279
		CONTRACT NO. 62X09		
		ILLINOIS FED. AID PROJECT 6W/LW(875)		

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FILE NAME: C:\Users\jld\OneDrive\Documents\TS SHT NO. 9.dgn
SHEET: 9 OF 22
DATE: 6/24/2026

TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS			
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	15	11	165
4-SECTION	-	14	-
5-SECTION	3	13	39
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	-	15	-
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION VIDEO	2	20	40
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
PTZ CAMERA	-	75	-
TOTAL UPS SIZING			519
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,124

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION HANLEY BUILDING 2300 S. DIRKSEN PARKWAY SPRINGFIELD, IL 62764			
ENERGY SUPPLY:	CONTACT:	COMED REPRESENTATIVE	
	PHONE:	(866) 639-3532	
	COMPANY:	COMMONWEALTH EDISON	
AACOUNT NUMBER:		15637-52111	
METER NUMBER:			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

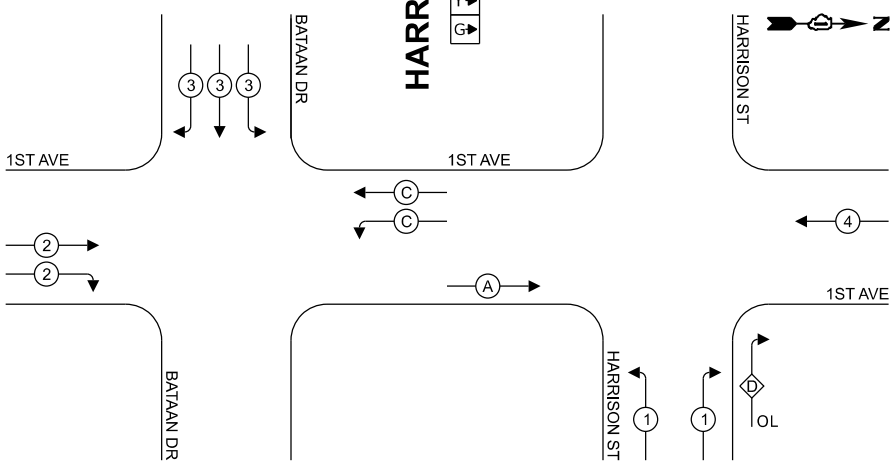
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMISSIVE PHASE
- PEDESTRIAN PHASE

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	=	+ 2 3
B	=	+ 1 4
C	=	+ 1 4
D	=	+ 1 4

CABLE PLAN



EXISTING CONTROLLER
PHASE DIAGRAM

TEMPORARY TRAFFIC SIGNAL CABLE PLAN
1ST AVE - STAGE 6
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S. SHEET 9 OF 22 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	280
CONTRACT NO. 62X09				

ILLINOIS FED. AID PROJECT 6W/LW(875)

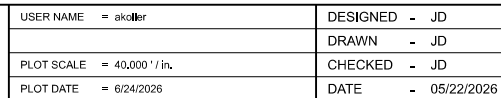
TS 100
EAGLE 5E

1. EACH DETECTOR LOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS 100
EAGLE 5E

MODEL: Default
FILE NAME: C:\Engineering\Live\Projects\25001_I-290 FRS Ph II\03_CADD\01_Sheets\16-Traffic\Signals\162X09-sht-4s-prop. 1st Ave.dgn



**PROPOSED TRAFFIC SIGNAL PLAN - 1ST AVE
I-290 FROM 22ND AVE TO DES PLAINES RIVER**

SCALE: N.T.S.	SHEET 10 OF 22 SHEETS	STA. -	TO STA. --
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	281
		CONTRACT NO. 62X09		
	ILLINOIS	FED. AID PROJECT 6W/LW(875)		

TS SHT NO. 11

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TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS			
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
	6	14	84
	4	13	52
PROGRAMMABLE	2	22	44
	2	32	64
	-	28	-
PEDESTRIAN SIGNAL	-	15	-
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
PTZ CAMERA	-	75	-
TOTAL UPS SIZING			607
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,212

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
HANLEY BUILDING 2300 S. DIRKSEN PARKWAY
SPRINGFIELD, IL 62764

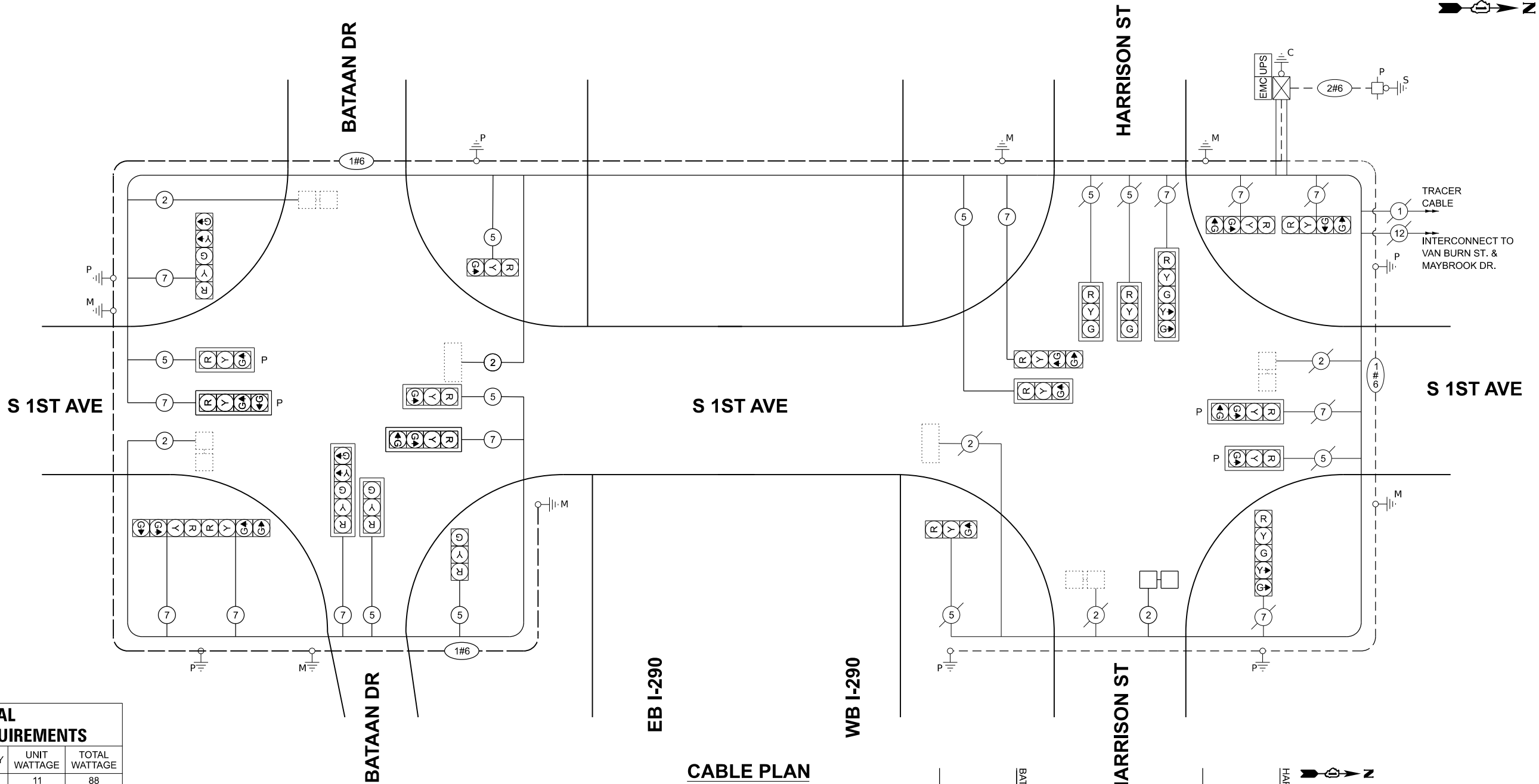
ENERGY SUPPLY: CONTACT: COMED REPRESENTATIVE
PHONE: (866) 639-3532
COMPANY: COMMONWEALTH EDISON
AACCOUNT NUMBER: 15637-52111
METER NUMBER:

DESIGNED - JD	REVISED -
DRAWN - JD	REVISED -
CHECKED - JD	REVISED -
DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN - 1ST AVE I-290 FROM 22ND AVE TO DES PLAINES RIVER			
SCALE: N.T.S.	SHEET 11 OF 22 SHEETS	STA. -	TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	282
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



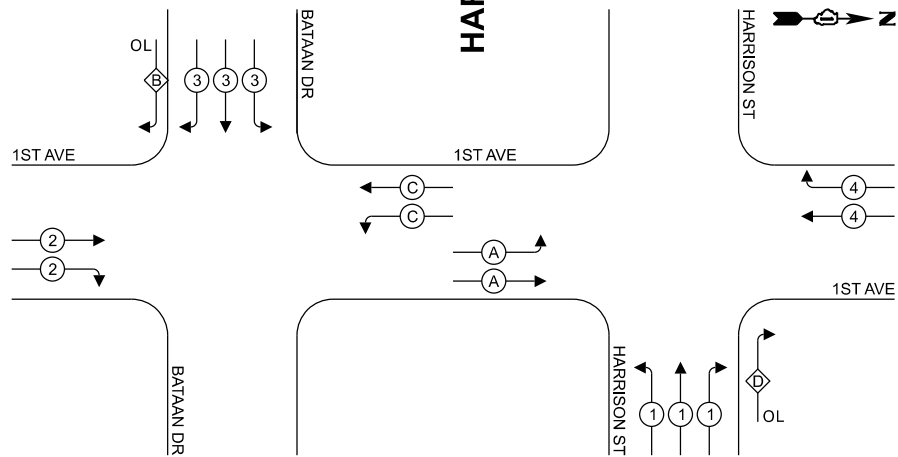
CABLE PLAN

LEGEND:

- ← * → PROTECTED PHASE
- ← * - PROTECTED/PERMISSIVE PHASE
- ← * → PEDESTRIAN PHASE

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =		2 3
B =	3	2
C =		1 4
D =	1	4



EXISTING AND PROPOSED CONTROLLER
PHASE DIAGRAM

TS 100
EAGLE 5E

MODEL Default
FILE NAME C:\Engineering\I-90\Projects\25001_I-290 FRS PH\03_CADD\01_Sheets\TrafficSignal\162X09-1st-1st-schedule-1st.dwg

ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	58
DETECTOR LOOP, TYPE I	FOOT	68
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2441
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2977
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1084
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3162
DRILL EXISTING HANDHOLE	EACH	2
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	9664
ROD AND CLEAN EXISTING CONDUIT	FOOT	852
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2

MODEL: D:\sht\Accurate\Engineering\I-290\I-290 FRS PH\I03_CADD\01_Sheets\Traffic\Signal\I-290\I-290 Schematic 13.dwg



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	DRAWN - JD	REVISED -
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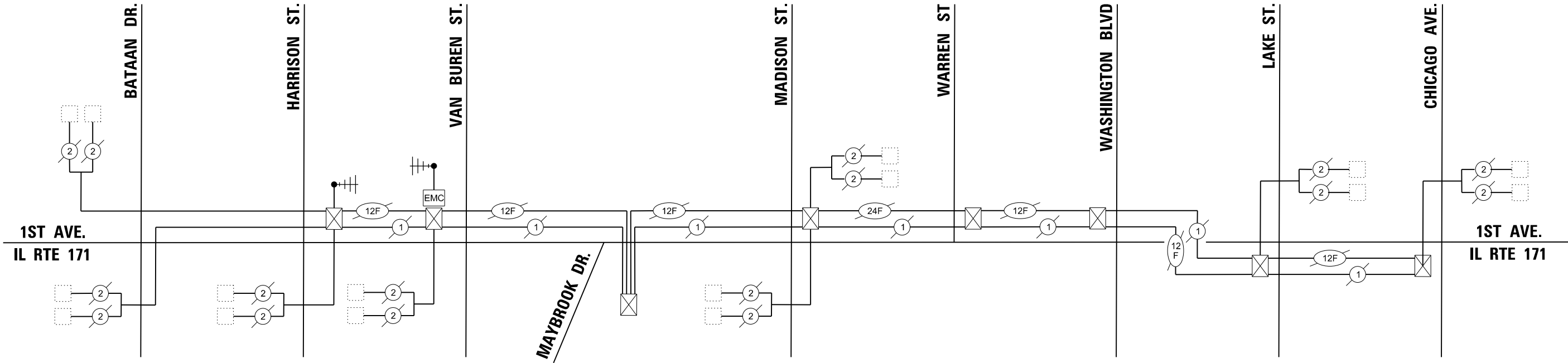
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
IL 171 (1ST AVE) - CHICAGO AVE TO I-290 - STAGE 1A
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S. SHEET 13 OF 22 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	284
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

TS 105
EAGLE 5E
ECON 29



1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT IS OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. THE EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.
4. EXISTING SIGNAL HEADS NOT SCHEDULED FOR REMOVAL SHALL BE BAGGED DURING CONSTRUCTION UNTIL THIS STAGE IS COMPLETE.
5. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC AND TRACER CABLE FROM THE EXISTING TRAFFIC SIGNAL CONTROLLER AT HARRISON ST AND PULL THE CABLES BACK TO EXISTING INTERCONNECT HANDHOLE IN THE SOUTHEAST CORNER AT BATAAN DR. THE EXISTING FIBER OPTIC CABLE SHALL BE INSTALLED THROUGH A NEW 2" CONDUIT BETWEEN THE HANDHOLE AND THE TEMPORARY WOOD POLE AND THEN CONNECTED TO THE TEMPORARY CONTROLLER. THIS WORK SHALL BE PAID FOR IN THE UNIT PRICE FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION."
6. CABLE FOR ELECTRIC SERVICE TO BE PULLED THROUGH EXISTING CONDUIT



SEE BELOW

0 20 40

SCALE IN FEET

TS 105
EAGLE 5E

TS SHT NO. 14

MODEL: Default
FILE NAME: Q:\Engineering\LiveProjects\25001 - 1299 FRS Ph II\03 CAD\01 Sheets\19-Traffic\Signals\ID162X09-sht-1s-ExdL 17th Ave.dgn



USER NAME = jplquinio	DESIGNED - JD	REVISED -
	DRAWN - JD	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JD	REVISED -
PLOT DATE = 7/20/2026	DATE - 05/22/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY/REMOVAL TRAFFIC SIGNAL PLAN
17TH AVE - STAGE 6
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S.	SHEET 14 OF 22 SHEETS	STA. -	TO STA. --
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	285
		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6(WLW(875)		

TS SHT NO. 14

MODEL Default
FILE NAME: C:\Engineering\I-290\17th Ave\17th Ave.dgn
DATE: 05/22/2026

TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS			
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	-	15	-
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION VIDEO	2	20	40
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
PTZ CAMERA	-	75	-
TOTAL UPS SIZING		281	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		886	

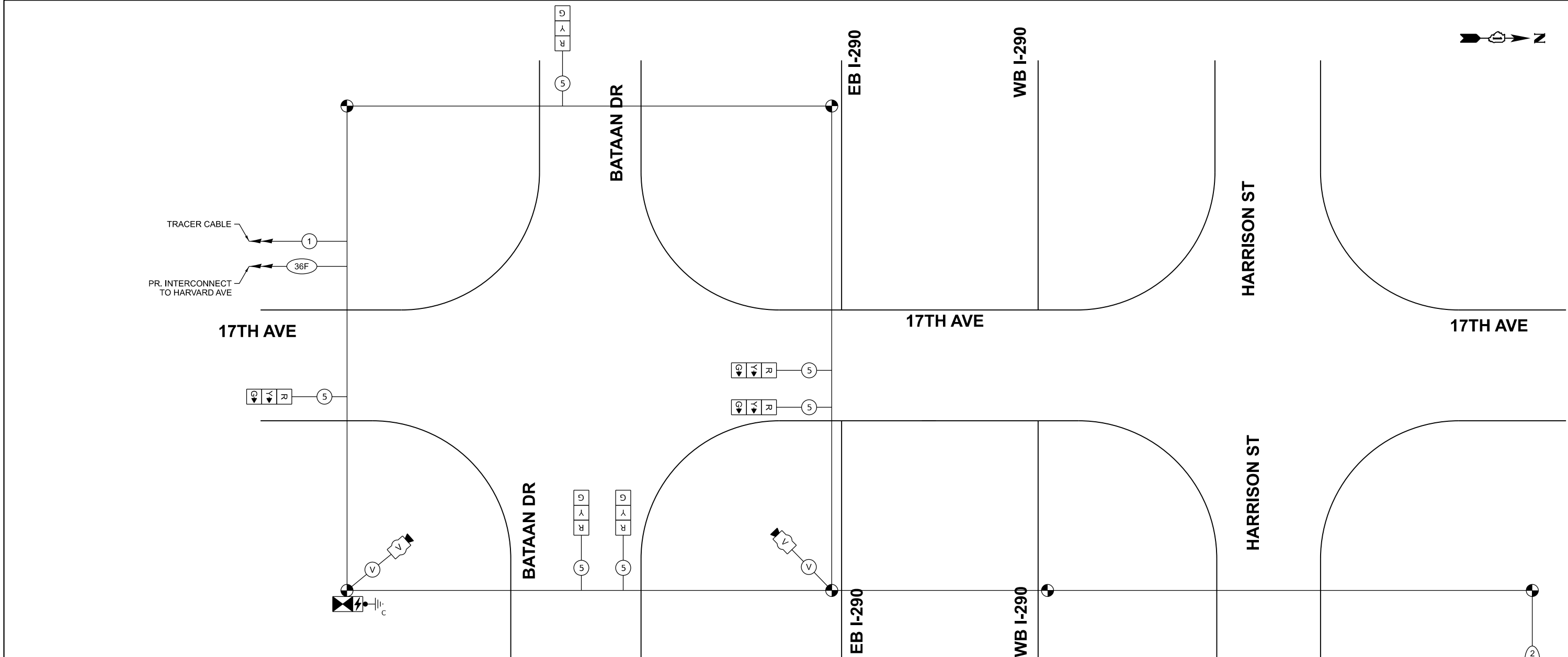
ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION HANLEY BUILDING 2300 S. DIRKSEN PARKWAY SPRINGFIELD, IL 62764		
ENERGY SUPPLY:	CONTACT:	COMED REPRESENTATIVE
	PHONE:	(866) 639-3532
	COMPANY:	COMMONWEALTH EDISON
AACOUNT NUMBER:		15637-52111
METER NUMBER:		

DESIGNED - JD	REVISED -
DRAWN - JD	REVISED -
CHECKED - JD	REVISED -
DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN 17TH AVE - STAGE 1A I-290 FROM 22ND AVE TO DES PLAINES RIVER			
SCALE: N.T.S.	SHEET 15 OF 22 SHEETS	STA. -	TO STA. --

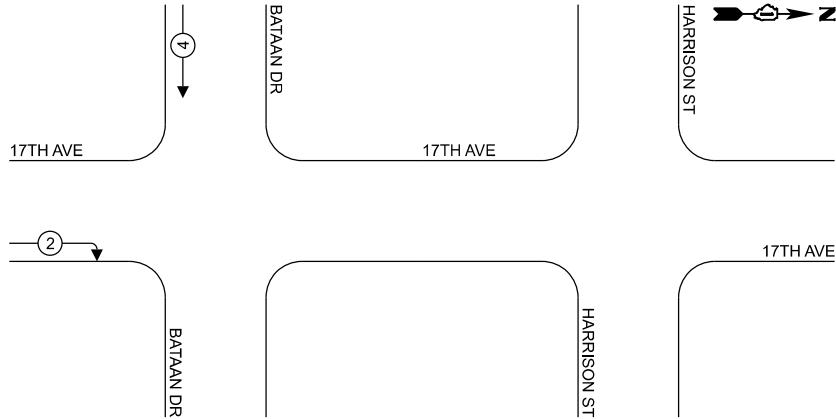
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	286
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



CABLE PLAN

LEGEND:

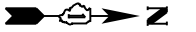
- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - PROTECTED/PERMISSIVE PHASE
- ← - (⊙) → PEDESTRIAN PHASE



TEMPORARY CONTROLLER
PHASE DIAGRAM

TS 105
EAGLE 5E

1. EACH DETECTOR LOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



SEE BELOW

TS 105
EAGLE 5E

TS SHT NO. 16

MODEL: Default
FILE NAME: C:\Engineering\Live\Projects\25001_I-290 FRS Ph II\03_CADD\01_Sheets\10-Traffic\Signals\162X09-sht-10-prop_17th Ave.dgn



USER NAME = gkoeller	DESIGNED - JD	REVISED -
	DRAWN - JD	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JD	REVISED -
PLOT DATE = 6/24/2026	DATE - 05/22/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL PLAN - 17TH AVE I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S.	SHEET 16 OF 22 SHEETS	STA. -	TO STA. --
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	287
		CONTRACT NO. 62X09		
ILLINOIS		FED. AID PROJECT 6W/LW(875)		

MODEL D:\sht\17.dgn
FILE NAME: C:\Engineering\17.dgn
DATE: 6/24/2026

TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS				
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE	
SIGNAL HEAD 1 OR 3-SECTION	15	11	88	
	-	14	84	
	4	13	52	
PROGRAMMABLE	-	22	44	
	-	32	64	
	-	28	-	
PEDESTRIAN SIGNAL	12	15	-	
CONTROLLER	1	150	150	
MASTER CONTROLLER	-	100	-	
UPS	1	25	25	
DETECTION VIDEO	-	20	-	
BLANK-OUT SIGN	-	25	-	
NETWORK SWITCH II OR III	-	35	-	
CELLULAR MODEM	-	15	-	
PTZ CAMERA	-	75	-	
TOTAL UPS SIZING			572	
UPS CHARGING	1	225	225	
BATTERY HEATER MAT	1	180	180	
CABINET HEATER	1	200	200	
FLASHER	-	15	-	
LED STREET NAME SIGN	-	120	-	
LUMINAIRE	-	240	-	
TOTAL SERVICE WIRE SIZING			1,177	

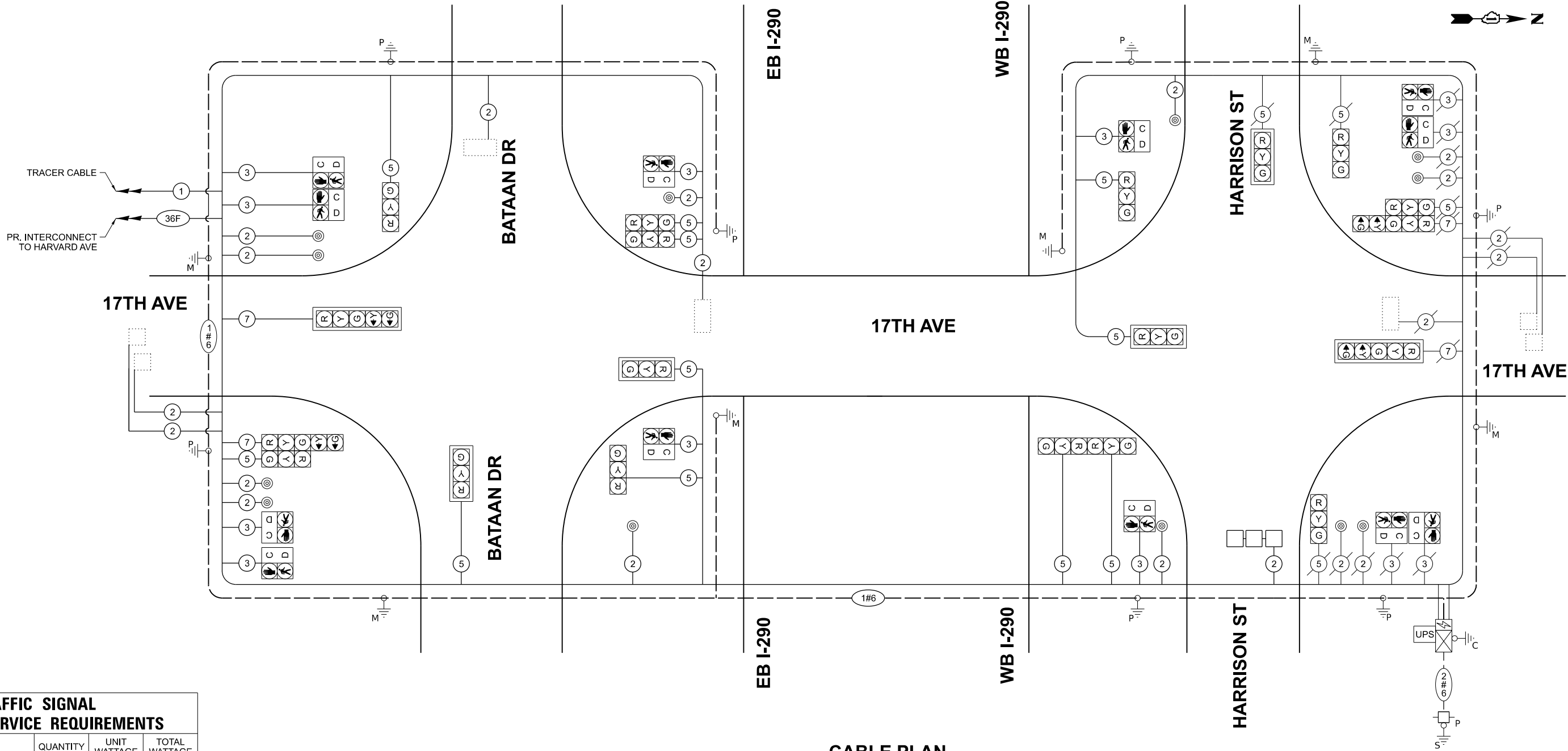
ENERGY COSTS TO: VILLAGE OF BROADVIEW 230 S 25TH AVE BROADVIEW, IL, 60155		
ENERGY SUPPLY:	CONTACT:	COMED REPRESENTATIVE
	PHONE:	(866) 639-3532
	COMPANY:	COMMONWEALTH EDISON
	AACOUNT NUMBER:	18370-41032
	METER NUMBER:	

DESIGNED - JD	REVISED -
DRAWN - JD	REVISED -
CHECKED - JD	REVISED -
DATE - 05/22/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN - 17TH AVE I-290 FROM 22ND AVE TO DES PLAINES RIVER			
SCALE: N.T.S.	SHEET 17 OF 22 SHEETS	STA. -	TO STA. --

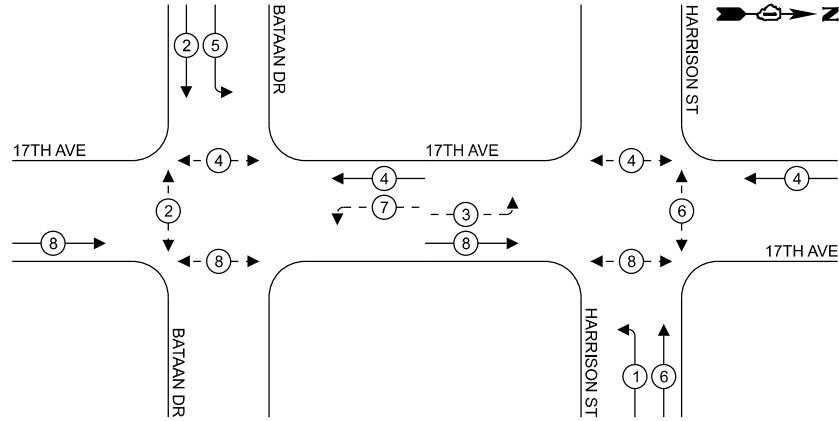
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	288
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



CABLE PLAN

LEGEND:

- ← (⊙) → PROTECTED PHASE
- ← - (⊙) - PROTECTED/PERMISSIVE PHASE
- ← (⊙) → PEDESTRIAN PHASE



EXISTING AND PROPOSED CONTROLLER
PHASE DIAGRAM

TS 105
EAGLE 5E

MODEL Default
FILE NAME C:\Engineering\I-90\Projects\25001_I-290 FRS PH\03_CADD\01_Sheets\TrafficSignal\162X09-I-290-Schedule-17th ave.dgn

ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	112
DETECTOR LOOP, TYPE I	FOOT	153
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3212
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3274
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4239
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1016
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1PAIR	FOOT	1650
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3683
DRILL EXISTING HANDHOLE	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	17074
ROD AND CLEAN EXISTING CONDUIT	FOOT	694
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2

TS SHT NO. 19

MODEL D:\sht\19\19.dgn
FILE NAME: C:\Engineering\I-290\19\19.dgn
SHEET: 19 OF 22
PROJECT: I-290 FROM 22ND AVE TO DES PLAINES RIVER



USER NAME	= jplouin
DESIGNED	- JD
DRAWN	- JD
CHECKED	- JD
DATE	- 05/22/2026

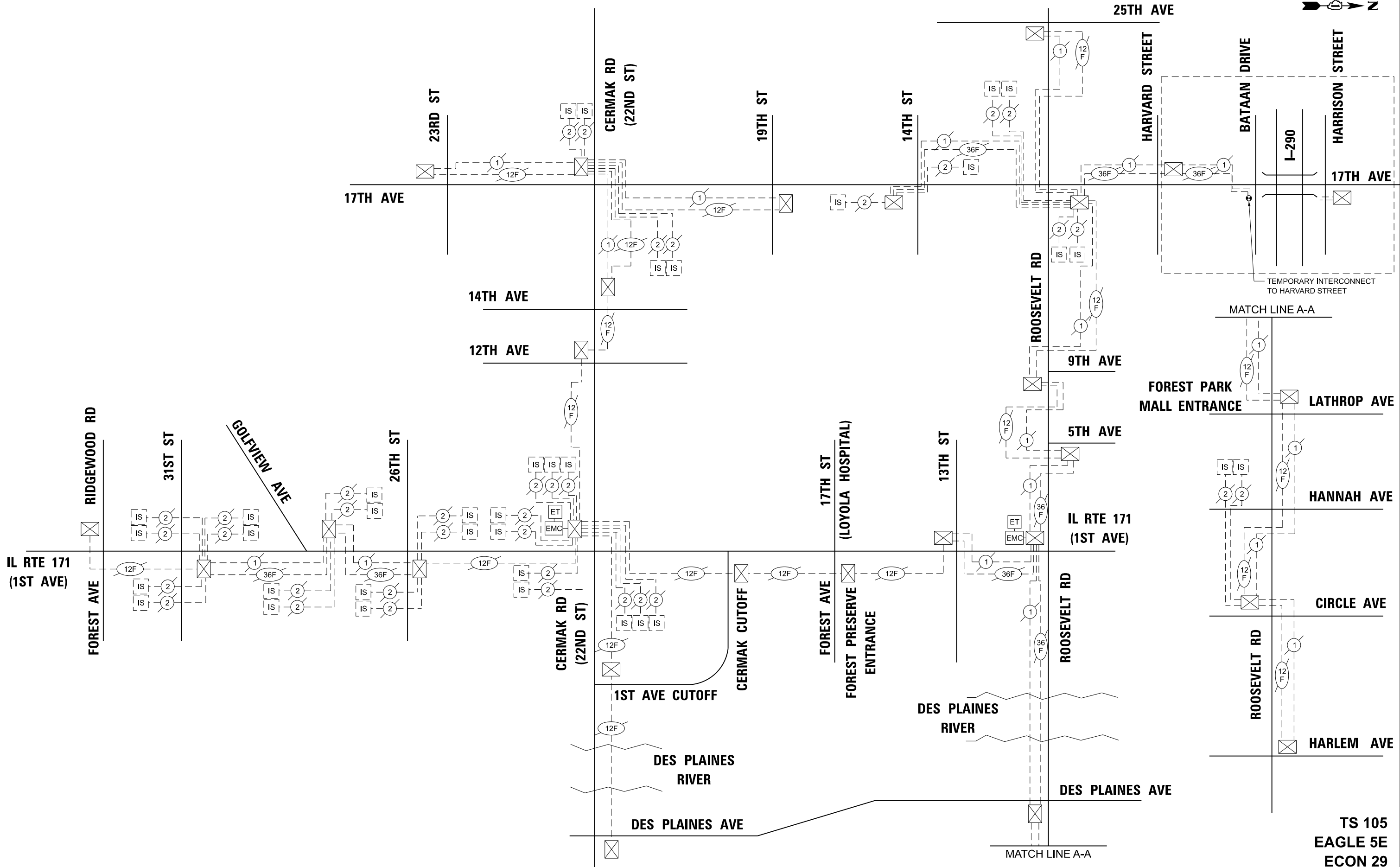
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REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

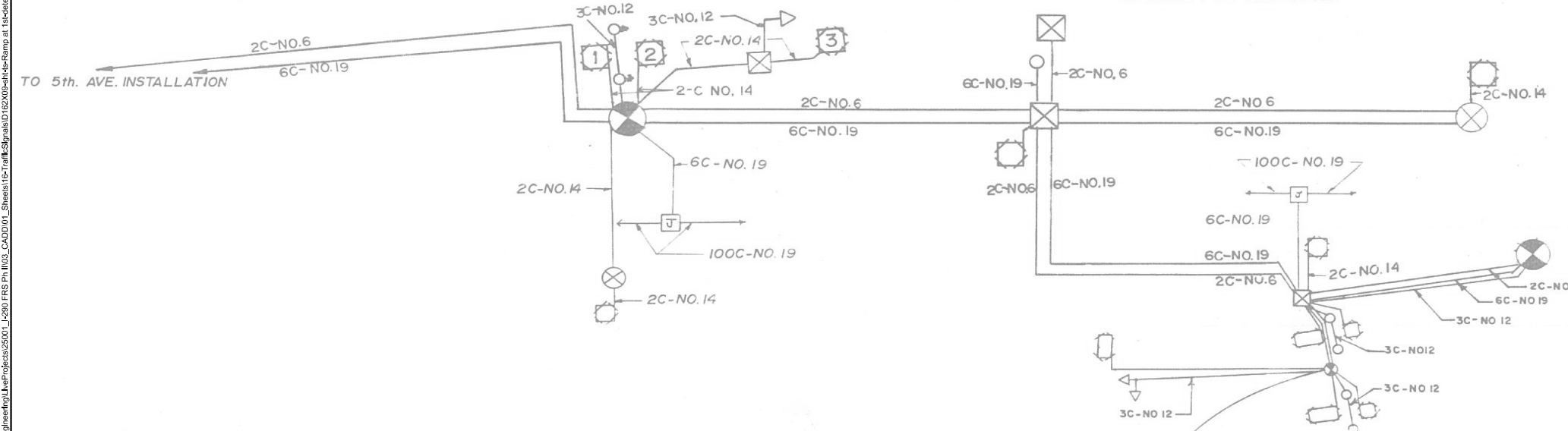
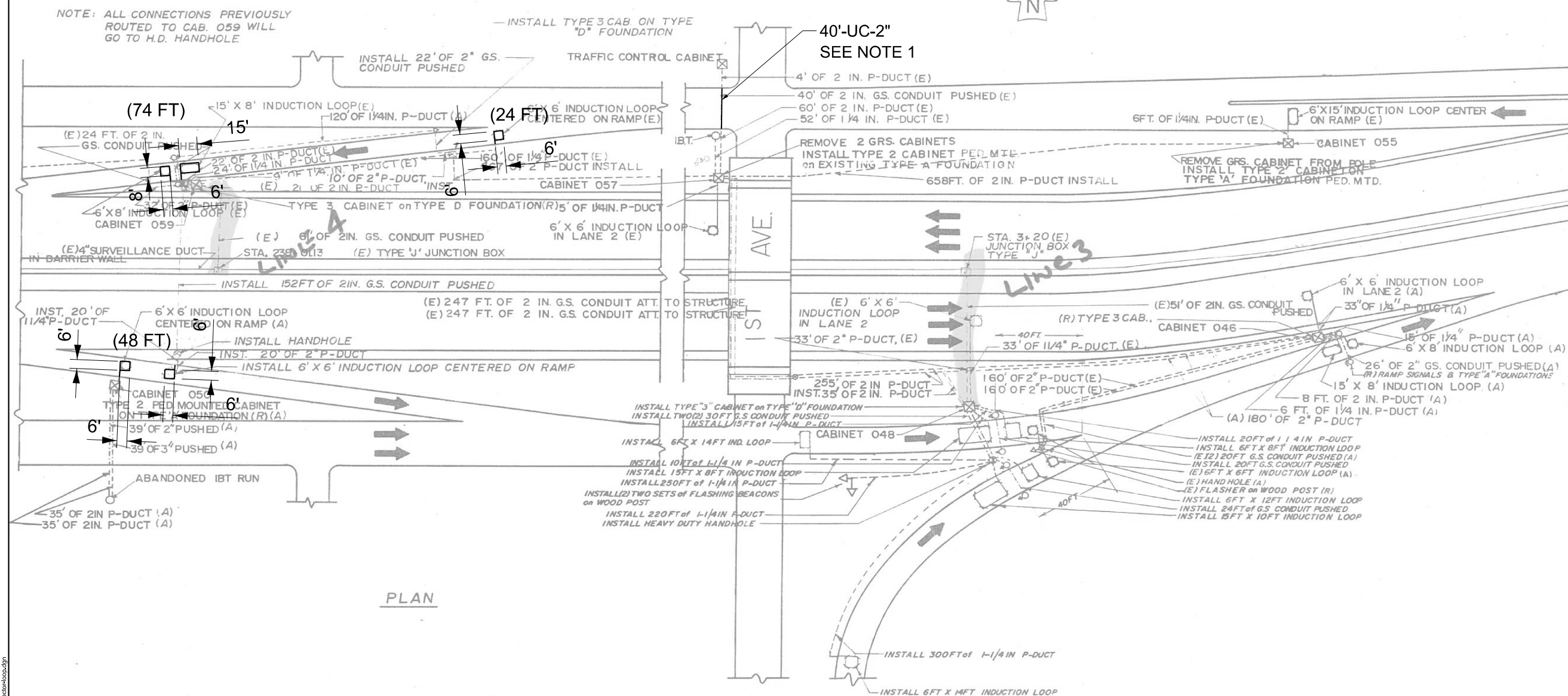
TEMPORARY INTERCONNECT SCHEMATIC
17TH AVE - I-290 TO 17TH AVE - STAGE 6
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: N.T.S. SHEET 19 OF 22 SHEETS STA. -- TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	290
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



TS 105
EAGLE 5E
ECON 29



- ## NOTES:
1. CABLE IN CONDUIT WHICH IS BEING REMOVED SHALL BE PULLED BACK TO NEAREST HANDHOLE AND REINSTALLED AT THE CONCLUSION OF CONSTRUCTION. THIS COST SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
 2. MEASUREMENTS SHALL BE VERIFIED IN THE FIELD BEFORE ORDERING ANY MATERIALS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
DETECTOR LOOP, TYPE I	FOOT	146
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	40

MODEL: D:\data\Accurate\Engineering\I-290\2024\I-290 RAMP at 5th Ave\I-290 RAMP at 5th Ave.dgn
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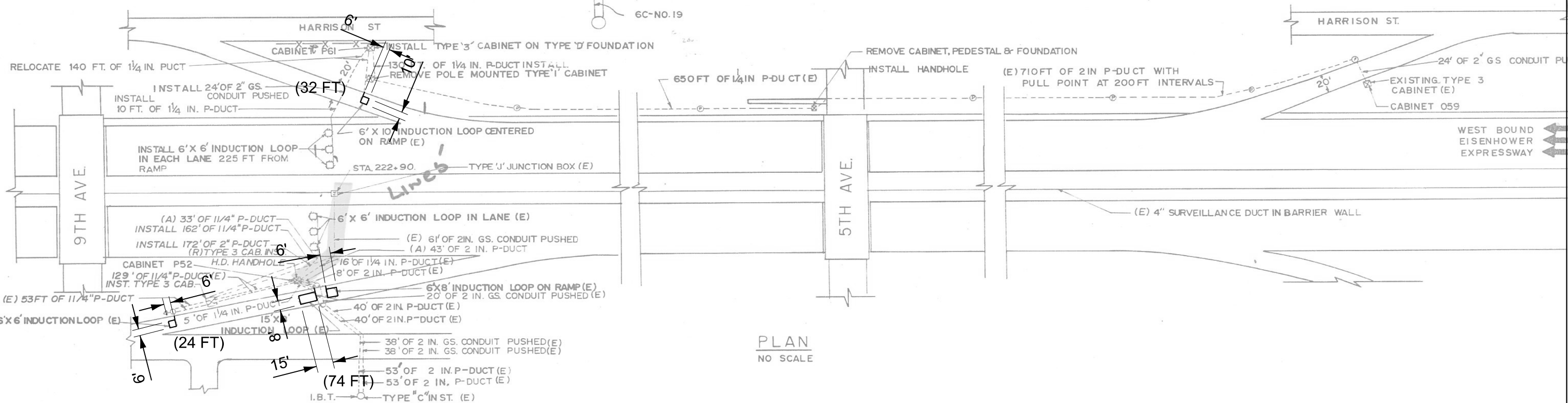


USER NAME	= akoller	DESIGNED	- AK	REVISED	-
DRAWN	- YM	REVISIONS	-	REVISIONS	-
PLOT SCALE	= 3.333' / in.	CHECKED	- JD	REVISIONS	-
PLOT DATE	= 6/24/2026	DATE	= 05/22/2026	REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN I-290 RAMP AT 5TH AVE I-290 FROM 22ND AVE TO DES PLAINES RIVER			
SCALE: N.T.S.	SHEET 21 OF 22 SHEETS	STA. --	TO STA. --

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	292
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
DETECTOR LOOP, TYPE I	FOOT	130



DETECTOR LOOP REPLACEMENT PLAN										F.A.I.	SECTION		COUNTY	TOTAL	SHEET
I-290 RAMP AT 17TH AVE										RTE.				SHEETS	NO.
I-290 FROM 22ND AVE TO DES PLAINES RIVER										290	2024-991-DR		COOK	464	293
										CONTRACT NO. 62X09					
SCALE: N.T.S.		SHEET		22	OF	22	SHEETS	STA. --	TO STA. --						
									ILLINOIS		FED. AID PROJECT (W/LVW/875)				

MODEL: Unnamed Plan-1 - Plan 1
FILE NAME: c:\cadd\hntb\hntb_amassey\greatakes\0465690\0162X09-sh1-Lighting-General Notes.dgn

GENERAL NOTES

1.

PERFORM ALL ELECTRICAL WORK IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS (SECTION 800), THE ILLINOIS ELECTRICAL CODE, NEC, AND ALL APPLICABLE LOCAL AND AUTHORITIES HAVING JURISDICTION (AHJ) REQUIREMENTS.
2.

FURNISH AND INSTALL ALL LABOR, MATERIALS, EQUIPMENT, AND APPURTENANCES REQUIRED FOR A COMPLETE AND OPERATIONAL ROADWAY LIGHTING SYSTEM, WHETHER OR NOT EACH ITEM IS SPECIFICALLY SHOWN.
3.

VERIFY EXISTING FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.
4.

COORDINATE ALL ELECTRICAL WORK WITH ROADWAY, CIVIL, AND UTILITY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION OPERATIONS.
5.

PROVIDE GROUNDING AND BONDING IN ACCORDANCE WITH IDOT SECTION 800 AND NEC. ALL POLES, CONDUITS, HANDHOLES, CABINETS, AND NON-CURRENT-CARRYING METALLIC COMPONENTS SHALL BE PROPERLY GROUNDED.
6.

INSTALL UNDERGROUND CONDUITS AT THE MINIMUM COVER REQUIRED BY IDOT SPECIFICATIONS AND STANDARDS. PROVIDE CONCRETE ENCASEMENT WHERE SHOWN OR WHERE REQUIRED UNDER PAVEMENTS OR ROADWAYS.
7.

DO NOT DE-ENERGIZE EXISTING LIGHTING OR ELECTRICAL SYSTEMS WITHOUT PRIOR APPROVAL FROM THE ENGINEER MAINTAINING AGENCY.
8.

ELECTRICAL CONDUCTORS SHALL BE CONTINUOUS WITHOUT UNAUTHORIZED SPLICES. SPLICES ARE PERMITTED ONLY IN APPROVED HANDHOLES, JUNCTION BOXES, OR MANHOLES USING LISTED CONNECTORS SUITABLE FOR UNDERGROUND USE.
9.

LUMINAIRES AND LIGHT POLES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND IDOT REQUIREMENTS, SET PLUMB AND LEVEL, AND ORIENTED RELATIVE TO THE ROADWAY AS SHOWN ON THE PLANS.
10.

HANDHOLES, PULL BOXES, AND APPURTENANCES LOCATED IN PAVED OR TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR THE ANTICIPATED LOADING.
11.

REMOVE EXISTING LIGHTING EQUIPMENT WHERE INDICATED ON THE PLANS. SALVAGED OR REMOVED MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH IDOT SPECIFICATIONS UNLESS NOTED OTHERWISE.
12.

PROVIDE TEMPORARY LIGHTING AND TEMPORARY GROUNDING AS REQUIRED TO MAINTAIN TRAFFIC SAFETY AND ROADWAY OPERATIONS DURING CONSTRUCTION. REMOVE TEMPORARY SYSTEMS UPON COMPLETION OF PERMANENT WORK. THIS WORK SHALL BE INCIDENTAL TO MAINTENANCE OF LIGHTING SYSTEM.
13.

THE ROADWAY LIGHTING SYSTEM SHALL BE FULLY OPERATIONAL AND ACCEPTED PRIOR TO FINAL PROJECT ACCEPTANCE, IN ACCORDANCE WITH IDOT REQUIREMENTS.

REMOVAL NOTES

1.

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND CONDITION OF THE STREET LIGHTING EQUIPMENT TO BE REMOVED IN THE PRESENCE OF THE ENGINEER AND NOTE ANY DEFECTIVE PART(S) PRIOR TO REMOVING ANY ITEM.
2.

CONTRACTOR SHALL NOT DAMAGE ANY EQUIPMENT DURING THE REMOVAL OPERATION. IF ANY ITEM IS DAMAGED BY THE CONTRACTOR DURING THE REMOVAL, THE EQUIPMENT SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.
3.

REMOVE THE STREET LIGHTING EQUIPMENT SHOWN ON THE REMOVAL PLANS.
4.

THE CONTRACTOR SHALL REMOVE ALL FIXTURES, POLES, MAST ARMS, CONTROLLER AND SERVICE EQUIPMENTS AS SHOWN ON THE PLANS.
5.

THE CONTRACTOR SHALL DE-ENERGIZE THE EXISTING LUMINAIRE CIRCUIT AT THE LIGHTING CONTROLLER BEFORE REMOVAL.
6.

EXISTING UNDERGROUND RACEWAY BETWEEN EXISTING LIGHTING UNITS SHALL BE REMOVED OR MAY BE ABANDONED IN PLACE, UNLESS NOTED OTHERWISE.
7.

CONTRACTOR SHALL CONTACT THE VILLAGE FOR DELIVERING THE FOLLOWING SALVAGE ITEMS TO A PLACE DESIGNATED BY THE VILLAGE ENGINEER:
A. LIGHT POLES
B. LUMINAIRES
8.

REMOVE EXISTING LIGHTING UNIT, INCLUDING LUMINAIRE, POLE, MAST ARM, FOUNDATION ETC.
9.

ALL REMOVED MATERIAL NOT DESIGNATED FOR SALVAGE SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH APPLICABLE REGULATIONS.

RELOCATION NOTES

1.

ALL SPLICES SHALL BE MADE IN THE POLE HANDHOLE. NO UNDERGROUND SPLICES WILL BE ALLOWED.
2.

COMPLETE LIGHTING UNIT TO BE RELOCATED INCLUDING LUMINAIRE, POLE, ARM, POLE WIRE, FUSES, CONNECTIONS, HARDWARE AND ALL APPURTENANCES.
3.

CONTRACTOR SHALL COORDINATE WITH VILLAGE OF MAYWOOD MAINTENANCE DEPARTMENT BEFORE AND DURING CONSTRUCTION.
4.

CONTRACTOR SHALL PROVIDE RECORD DRAWINGS TO IDOT AFTER CONSTRUCTION
5.

LIGHTING CONTRACTOR SHALL COORDINATE STAGING WITH GENERAL CONTRACTOR SO THAT THE SIDE OF THE ROADWAY OPEN TO TRAFFIC REMAINS FULLY LIT AT ALL TIMES DURING CONSTRUCTION.
6.

EQUIPMENT GROUND SHALL BE CONTINUOUS FROM THE LIGHTING CONTROLLER TO THE LAST POLE OF EACH CIRCUIT, AND SHALL HAVE RESISTANCE CONFORMING TO IDOT SPECIFICATIONS.
7.

BEFORE BEGINNING WORK, LIGHTING CONTRACTOR AND ENGINEER SHALL INSPECT EXISTING POLES, MAST ARMS, AND LUMINAIRES FOR DAMAGE. EQUIPMENT THAT IS DETERMINED UNSUITABLE FOR RELOCATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.
8.

EQUIPMENT THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
9.

EXISTING CABLE, DUCTS AND CONDUCTORS SHALL BE REMOVED ONLY WHERE REQUIRED AS A RESULT OF POLE RELOCATION, AS SHOWN ON THE PLANS. NEW CONDUCTORS SHALL BE SPLICED IN THE POLE HANDHOLE.
10.

ANY REQUIRED OUTAGES SHALL BE COORDINATED AND APPROVED IN ADVANCED BY THE ENGINEER AND MAINTAINING AGENCY.
11.

EXISTING LIGHTING VOLTAGE IS ASSUMED TO BE 120/240V. CONTRACTOR TO FIELD VERIFY PRIOR TO INITIATING LIGHTPOLE RELOCATION WORK.

SYMBOLS LEGEND

- 

EXISTING LIGHTING UNIT TO REMAIN (IDOT)
- 

EXISTING LIGHTING UNIT TO REMAIN (VILLAGE OF MAYWOOD)
- 

EXISTING LIGHTING UNIT TO REMAIN (VILLAGE OF MAYWOOD)
- 

EXISTING LIGHTING UNIT TO BE RELOCATED (VILLAGE OF MAYWOOD)
- 

RELOCATED LIGHTING UNIT (VILLAGE OF MAYWOOD)
- 

UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- 

CONTROLLER NAME

CIRCUIT NUMBER

Z1 - 3
- 

UNIT DUCT, 1" C POLYETHYLENE IN TRENCH
- 

UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.



USER NAME	= amassey	DESIGNED	- AM	REVISED	-
		DRAWN	- AM	REVISED	-
		CHECKED	- RD	REVISED	-
PLOT DATE	= 7/21/2026	DATE	- 5/22/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN - GENERAL NOTES
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: NONE SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	294
CONTRACT NO. 62X09				
		ILLINOIS	FED. AID PROJECT	6WLW(875)

MODEL: Pre-Final Lighting Removal Sheet Cuts - Pre-Final Plan 1
FILE NAME: c:\cadd\blp\hntb_idaoust\greatlakes\0485890\0152\09-sh-4-lighting-Harrison-Rem-01.dgn



USER NAME	= Idaoust	
	DESIGNED	- RD
PLOT DATE	DRAWN	- RD
	CHECKED	- CS
= 5/22/2026	DATE	- 5/22/2026
	REVIS	-

DESIGNED	- RD	
	REVIS	-
DRAWN	- RD	
	REVIS	-
CHECKED	- CS	
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DATE	- 5/22/2026	
	REVIS	-

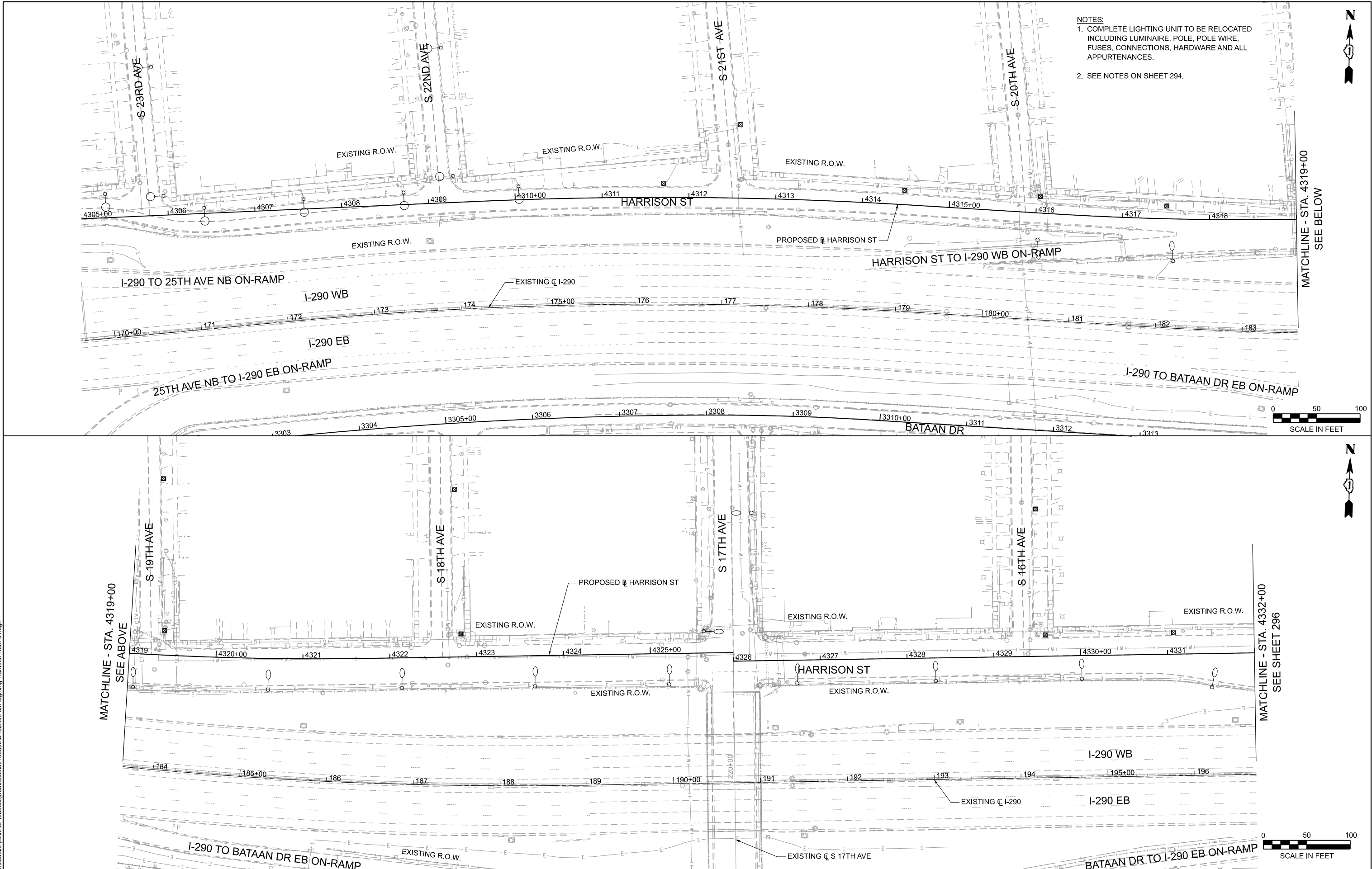
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	REVIS	-
CHECKED	- CS	
	REVIS	-
DATE	- 5/22/2026	
	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 2 OF 13 SHEETS STA. 4305+00 TO STA. 4332+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	295
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLW(875)				



MODEL: Pre-Final Lighting Removal Sheet Cuts - Pre-Final Plan 3
FILE NAME: c:\cadd\blp\hntb_idaoust\greatlakes\0485850\0182\09-sh-4-lighting-Harrison-Rem-02.dgn



PLOT DATE	USER NAME = Idaoust		DESIGNED - RD	REVISED -
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			CHECKED - CS	REVISED -
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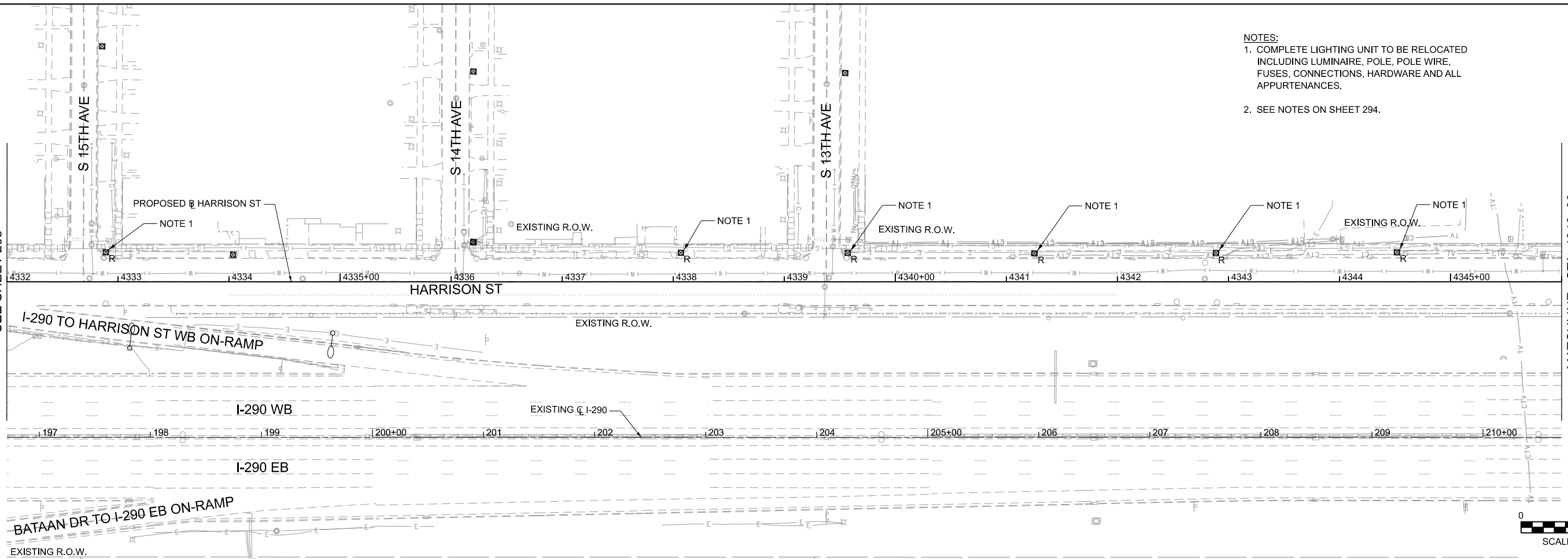
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 4332+00 TO STA. 4360+00

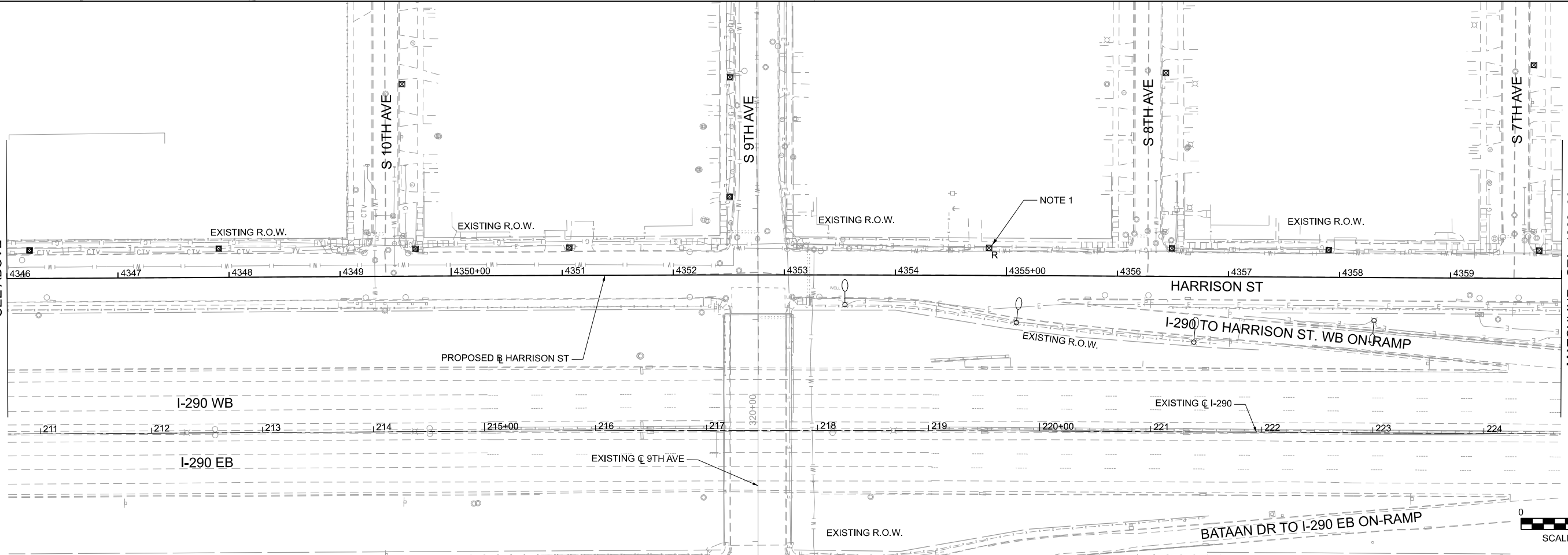
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	296
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLW(875)				

MATCHLINE - STA. 4332+00
SEE SHEET 295



MATCHLINE - STA. 4346+00
SEE BELOW

MATCHLINE - STA. 4346+00
SEE ABOVE



MATCHLINE - STA. 4360+00
SEE SHEET 297

MODEL: Pre-Final Lighting Removal Sheet Cuts - Pre-Final Plan 5
FILE NAME: c:\cadd\hwy\hntb_idaoust\greatlakes\0485850\0182\09-sh-4-lighting-Harrison-Rem-03.dgn



USER NAME =	Idaoust		DESIGNED -	RD	REVISED -	
			DRAWN -	RD	REVISED -	
			CHECKED -	CS	REVISED -	
PLOT DATE =	5/22/2026		DATE -	5/22/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

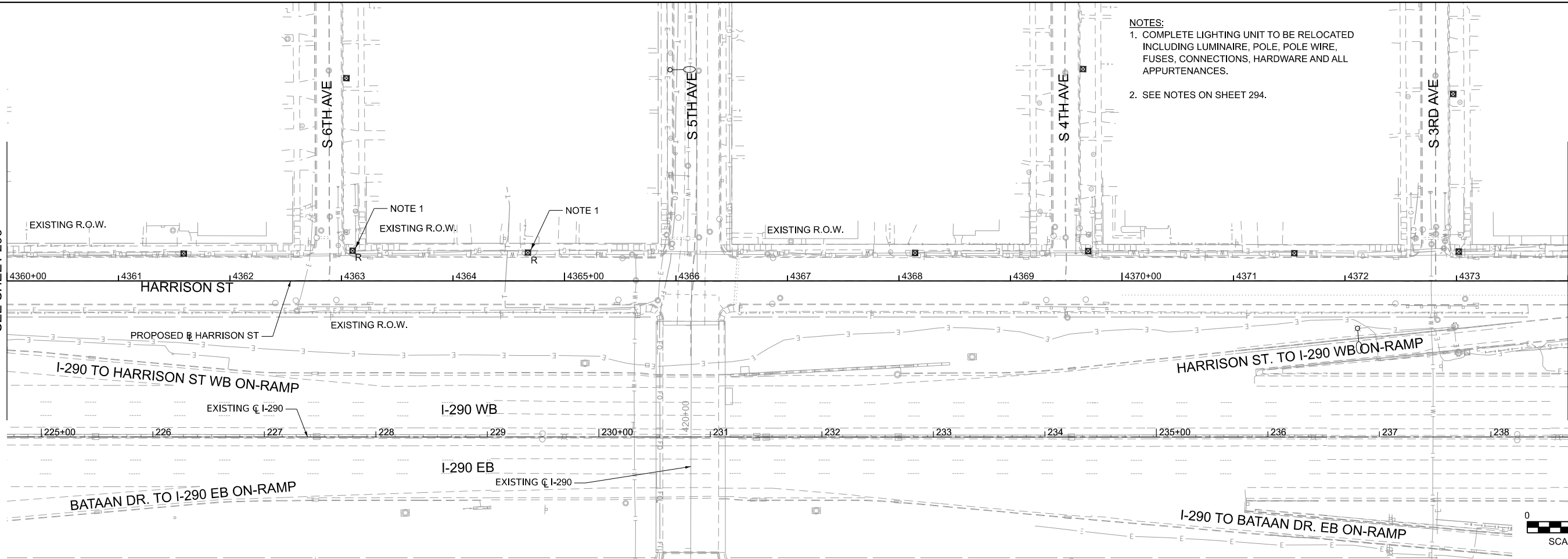
LIGHTING REMOVAL PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 4360+00 TO STA. 4388+00

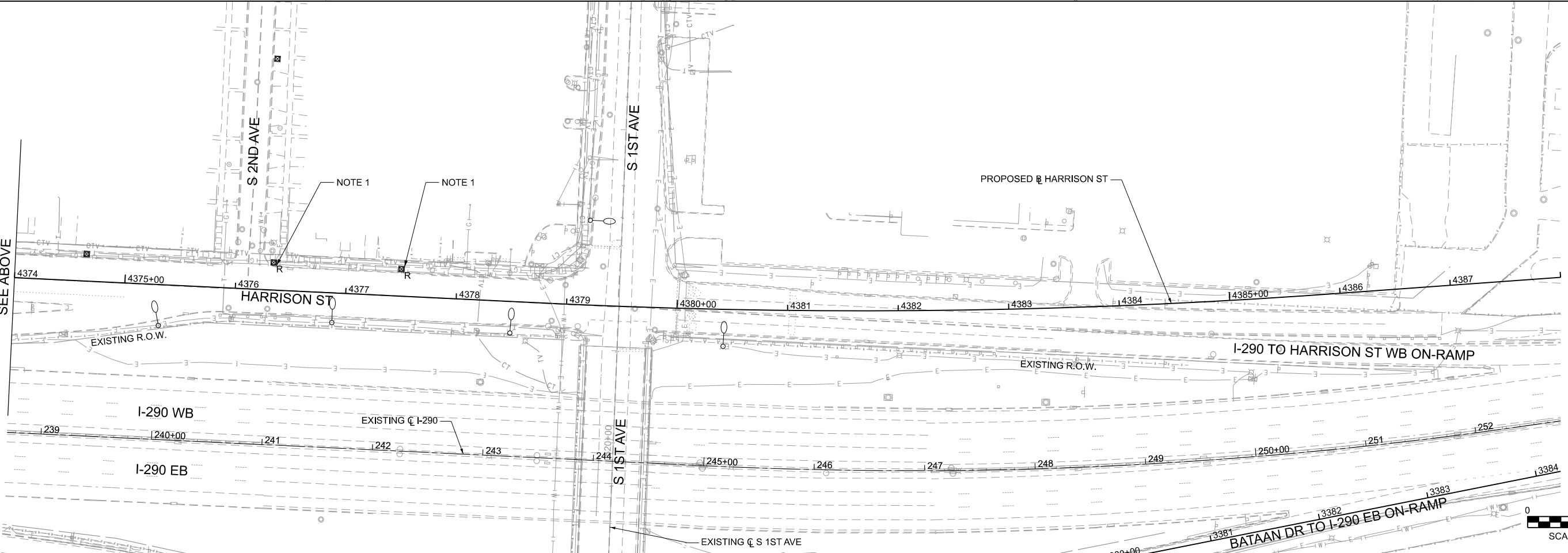
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	297
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLW(875)				

MATCHLINE - STA. 4360+00
SEE SHEET 296

MATCHLINE - STA. 4374+00
SEE BELOW



MATCHLINE - STA. 4374+00
SEE ABOVE



MODEL: Pre-Final Lighting Proposed Sheet Cuts - Pre-Final Plan 1
FILE NAME: c:\cadd\blp\hntb_idaoust\gratiales\0485890\0152\09-sh-4-lighting-Harrison-Prop-01.dgn



USER NAME	= Idaoust
PLOT DATE	= 5/22/2026

DESIGNED	- RD
DRAWN	- RD
CHECKED	- CS
DATE	- 5/22/2026

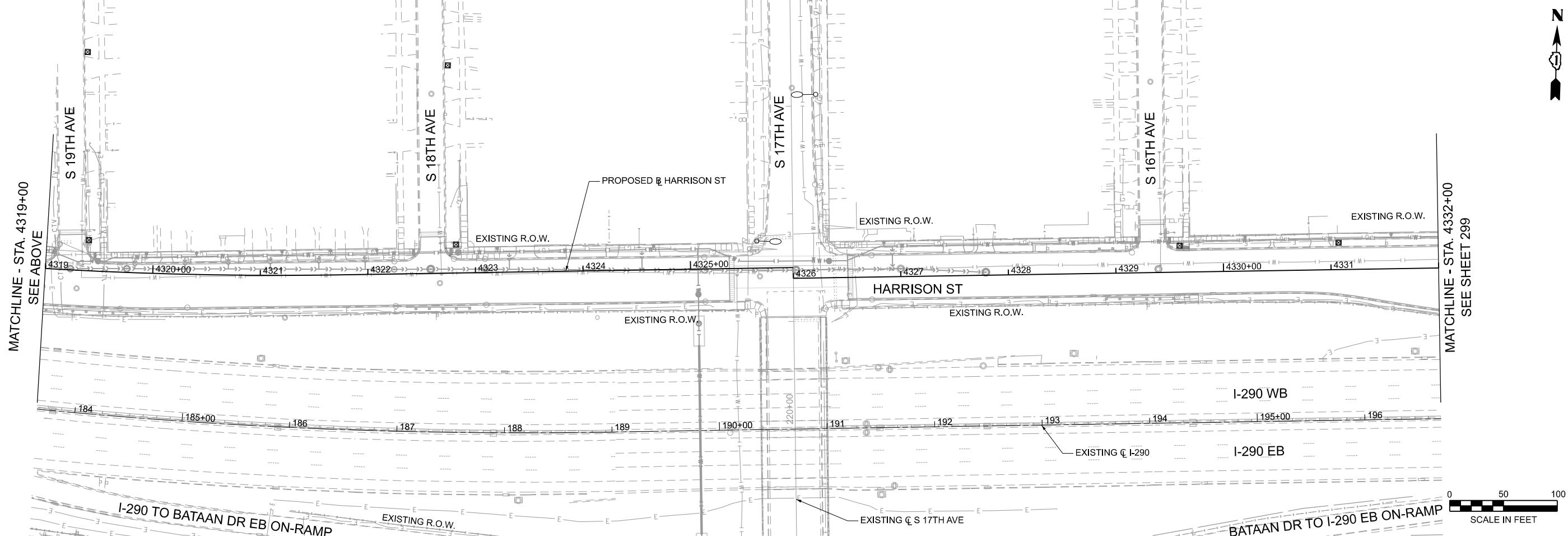
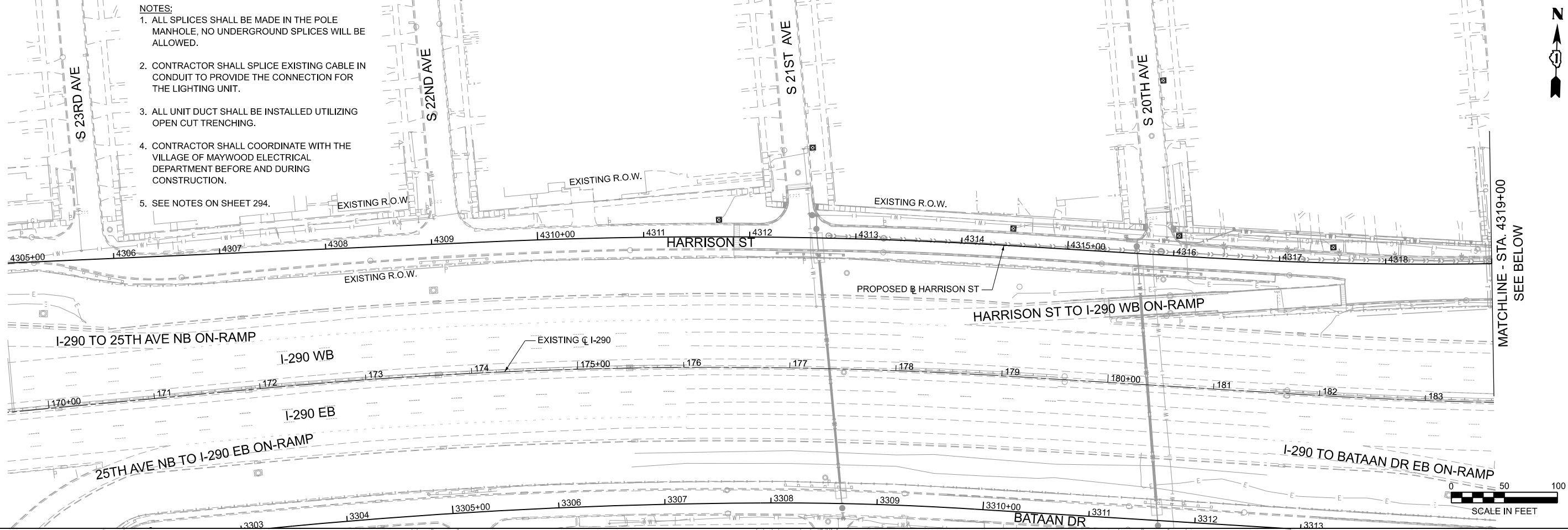
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PROPOSED PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 5 OF 13 SHEETS STA. 4305+00 TO STA. 4332+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	298
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLW(875)				



MODEL: Pre-Final Lighting Proposed Sheet Cuts - Pre-Final Plan 3
FILE NAME: c:\cadd\hwy\hntb_idaoust\greatlakes\04858900\0182X09-sh-4-lighting-Harrison-Prop-02.dgn



USER NAME	= Idaoust			
	DESIGNED	- RD	REVISED	-
	DRAWN	- RD	REVISED	-
PLOT DATE	CHECKED	- CS	REVISED	-
	DATE	- 5/22/2026	REVISED	-
	REVISED	-	REVISED	-

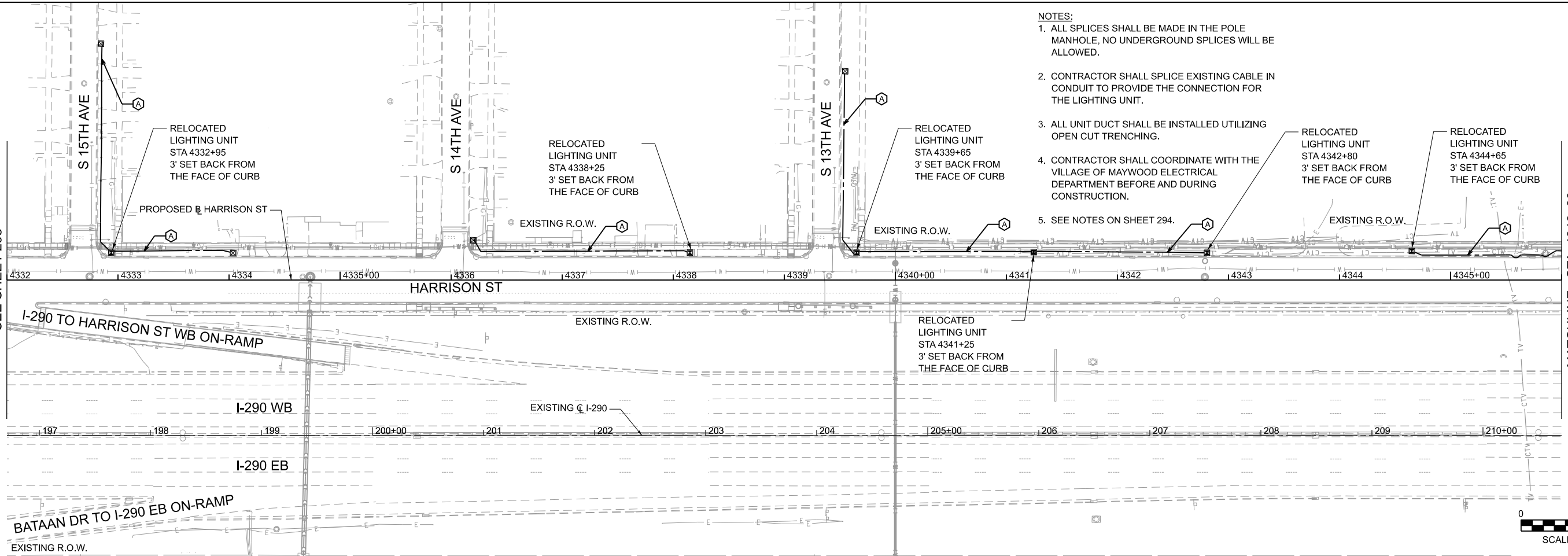
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PROPOSED PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 4332+00 TO STA. 4360+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	299
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6W/LW(875)				

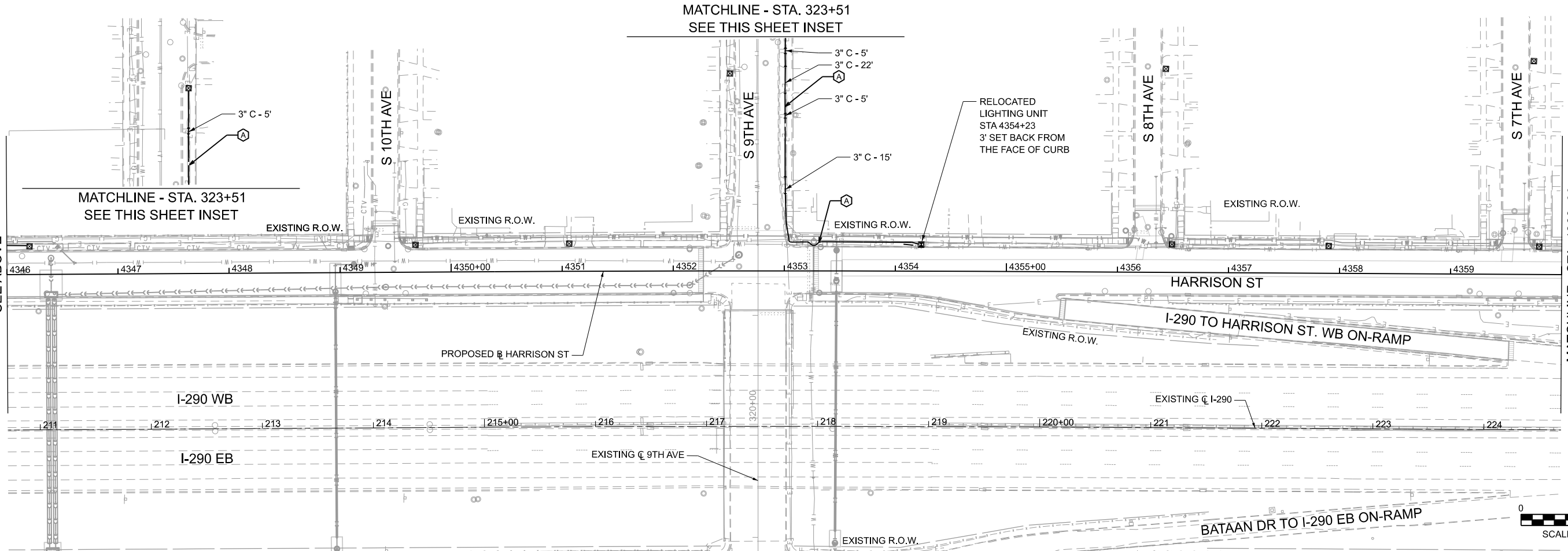
MATCHLINE - STA. 4332+00
SEE SHEET 298



MATCHLINE - STA. 4346+00
SEE BELOW

MATCHLINE - STA. 323+51
SEE THIS SHEET INSET

MATCHLINE - STA. 4346+00
SEE ABOVE



MATCHLINE - STA. 4360+00
SEE SHEET 300

MODEL: Pre-Final Lighting Proposed Sheet Cuts - Pre-Final Plan 5
FILE NAME: c:\cadd\hwy\hntb_idaoust\greatlakes\0485890\0182X09-sh-4-Lighting-Harrison-Prop-03.dgn



USER NAME	= Idaoust			
	DESIGNED	- RD	REVISED	-
	DRAWN	- RD	REVISED	-
PLOT DATE	CHECKED	- CS	REVISED	-
	DATE	- 5/22/2026	REVISED	-
			REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PROPOSED PLAN - HARRISON ST
I-290 FROM 22ND AVE TO DES PLAINES RIVER

SCALE: 1"=50' SHEET 7 OF 13 SHEETS STA. 4360+00 TO STA. 4388+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-991-DR	COOK	464	300
CONTRACT NO. 62X09				
ILLINOIS FED. AID PROJECT 6WLW(875)				

MATCHLINE - STA. 4360+00
SEE SHEET 301

MATCHLINE - STA. 4374+00
SEE BELOW

- NOTES:
1. ALL SPLICES SHALL BE MADE IN THE POLE MANHOLE, NO UNDERGROUND SPLICES WILL BE ALLOWED.
 2. CONTRACTOR SHALL SPLICE EXISTING CABLE IN CONDUIT TO PROVIDE THE CONNECTION FOR THE LIGHTING UNIT.
 3. ALL UNIT DUCT SHALL BE INSTALLED UTILIZING OPEN CUT TRENCHING.
 4. CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF MAYWOOD ELECTRICAL DEPARTMENT BEFORE AND DURING CONSTRUCTION.
 5. SEE NOTES ON SHEET 294.



0 50 100
SCALE IN FEET



0 50 100
SCALE IN FEET