

LEGEND	
	TEMPORARY EROSION CONTROL SEEDING W/ EROSION CONTROL BLANKET
	PROPOSED FLOWLINE
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	INLET FILTER
	PERIMETER EROSION BARRIER

MODEL: D:\p\11...
 FILE NAME: S:\2022\2201009 - PTB 2023-1 - D6 - Junction - Various Ph LRI\W0_1 Mason City Contract 72888\CADD\CADD Sheet\0572888-PL-EROS-CEL02.dwg



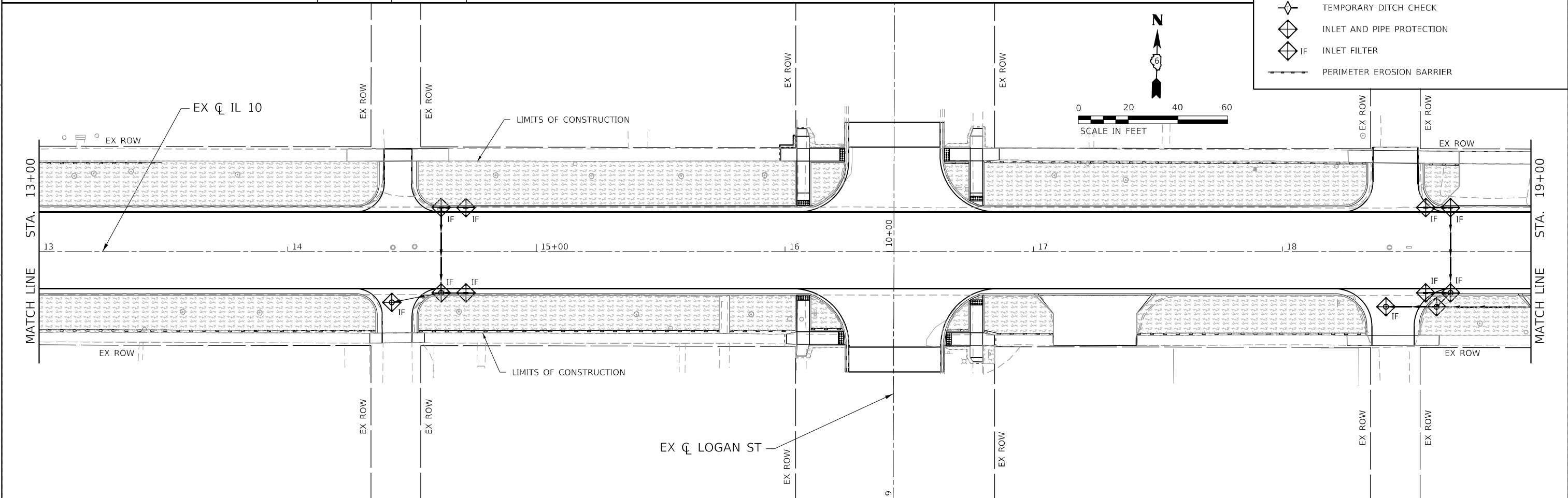
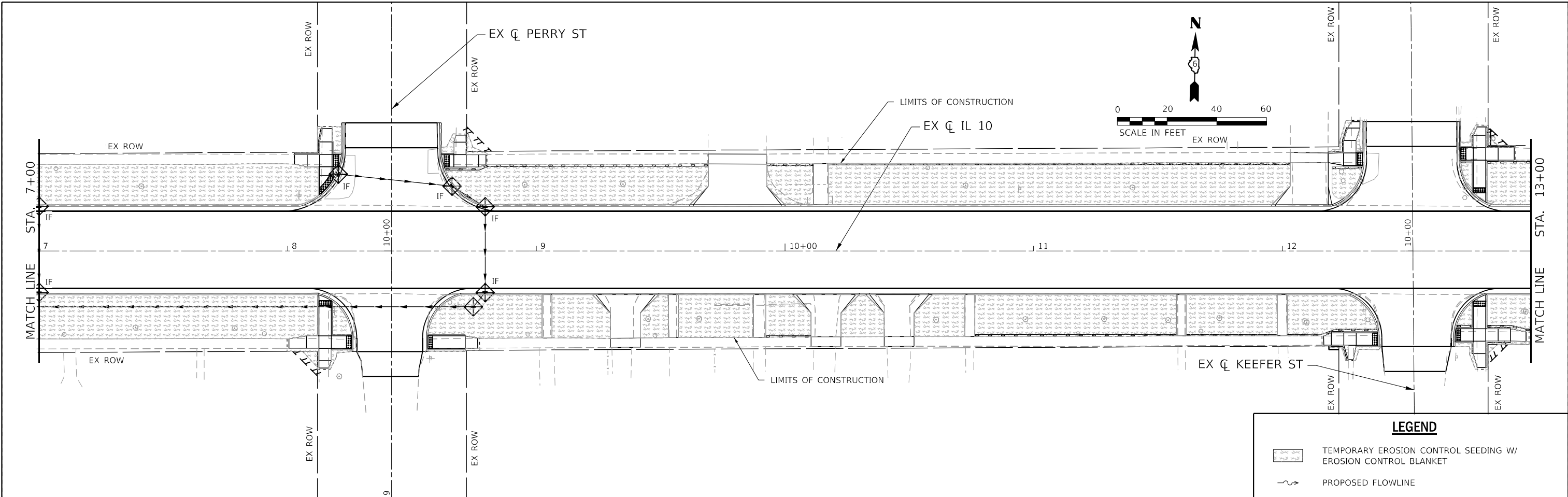
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PLOT SCALE = 40,0000 * / in.	DRAWN - TO	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'		SHEET 3 OF 12 SHEETS		STA. 9+50 R1 TO STA. 1204+00 R2	
		EROSION CONTROL IL 10			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	102
CONTRACT NO. 72888				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW: (4RS-6,101RS-4)CR



LEGEND

	TEMPORARY EROSION CONTROL SEEDING W/ EROSION CONTROL BLANKET
	PROPOSED FLOWLINE
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	INLET FILTER
	PERIMETER EROSION BARRIER

MODEL: D:\p\11...
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 DATE: 5/17/2023

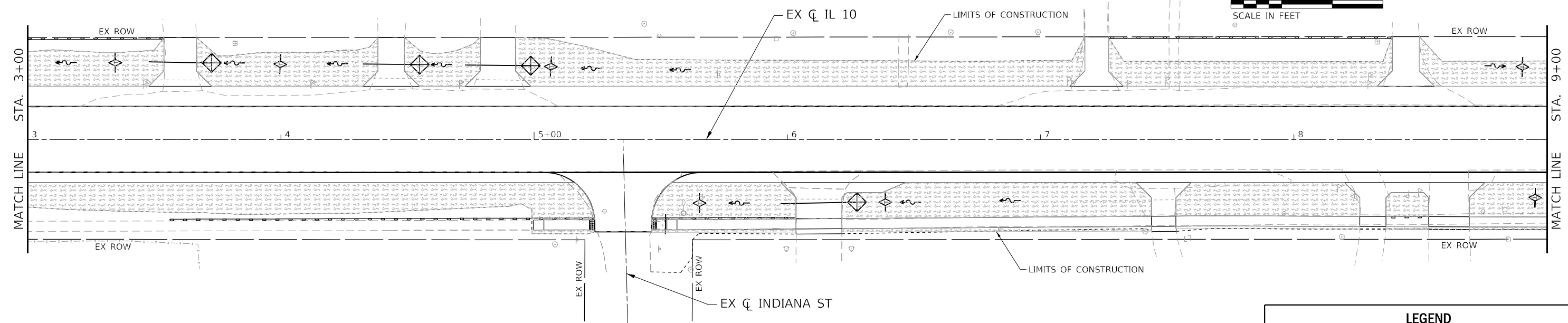
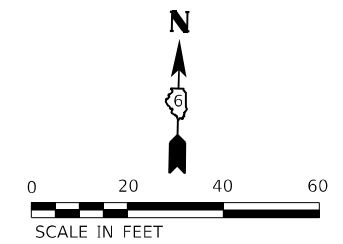
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	PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
		DATE - 05/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL	
IL 10	
SCALE: 1"=20'	SHEET 5 OF 12 SHEETS STA. 7+00 R3 TO STA. 19+00 R3

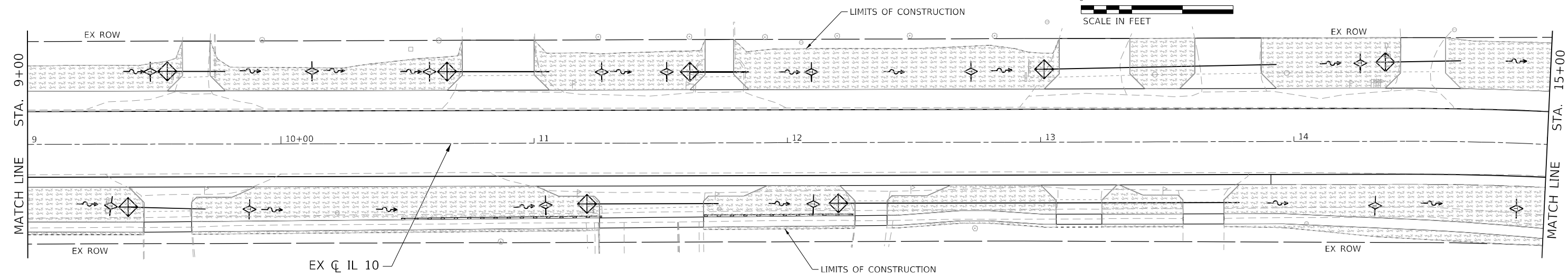
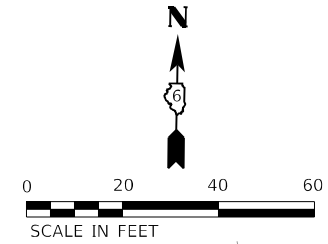
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	104
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



LEGEND

	TEMPORARY EROSION CONTROL SEEDING W/ EROSION CONTROL BLANKET
	PROPOSED FLOWLINE
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	INLET FILTER
	PERIMETER EROSION BARRIER



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 DRAWN: TO
 CHECKED: SMK
 DATE: 05/18/2023



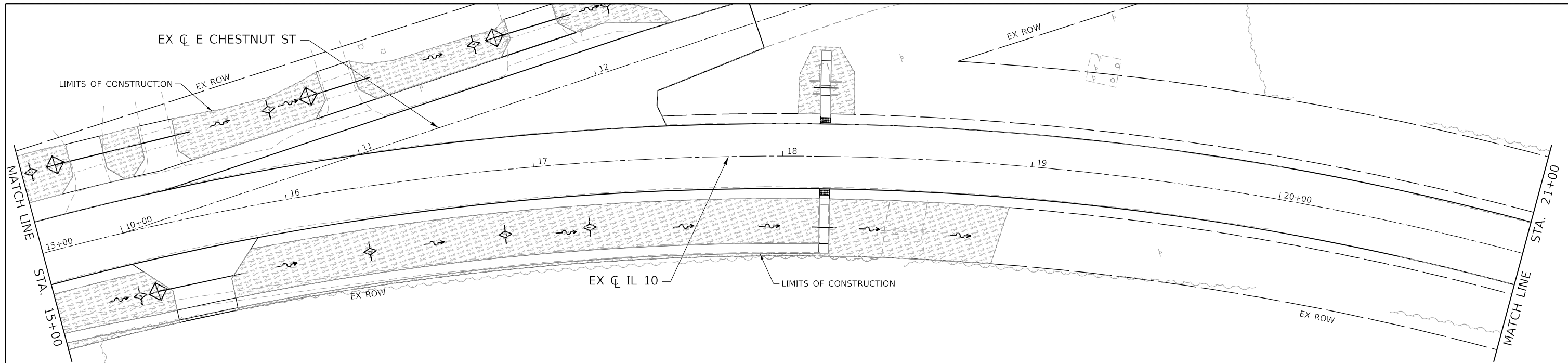
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PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL IL 10	
SCALE: 1"=20'	SHEET 9 OF 12 SHEETS
STA. 3+00 R4	TO STA. 15+00 R4

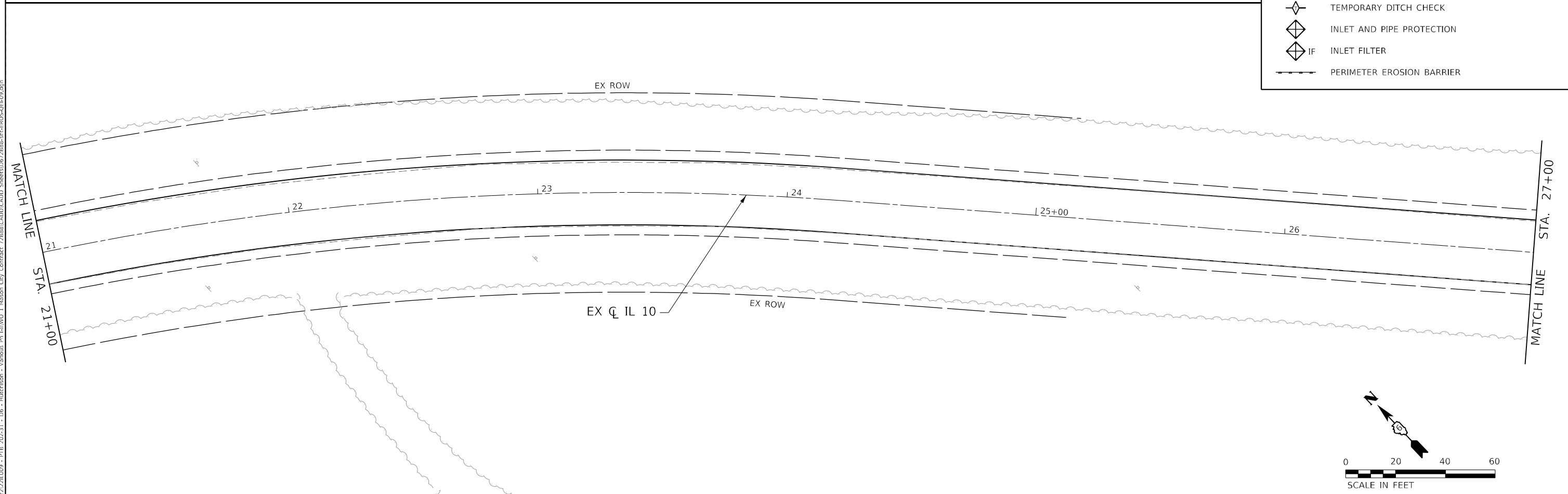
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	108
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



LEGEND

	TEMPORARY EROSION CONTROL SEEDING W/ EROSION CONTROL BLANKET
	PROPOSED FLOWLINE
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	IF INLET FILTER
	PERIMETER EROSION BARRIER



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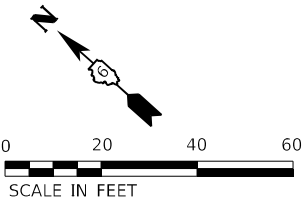
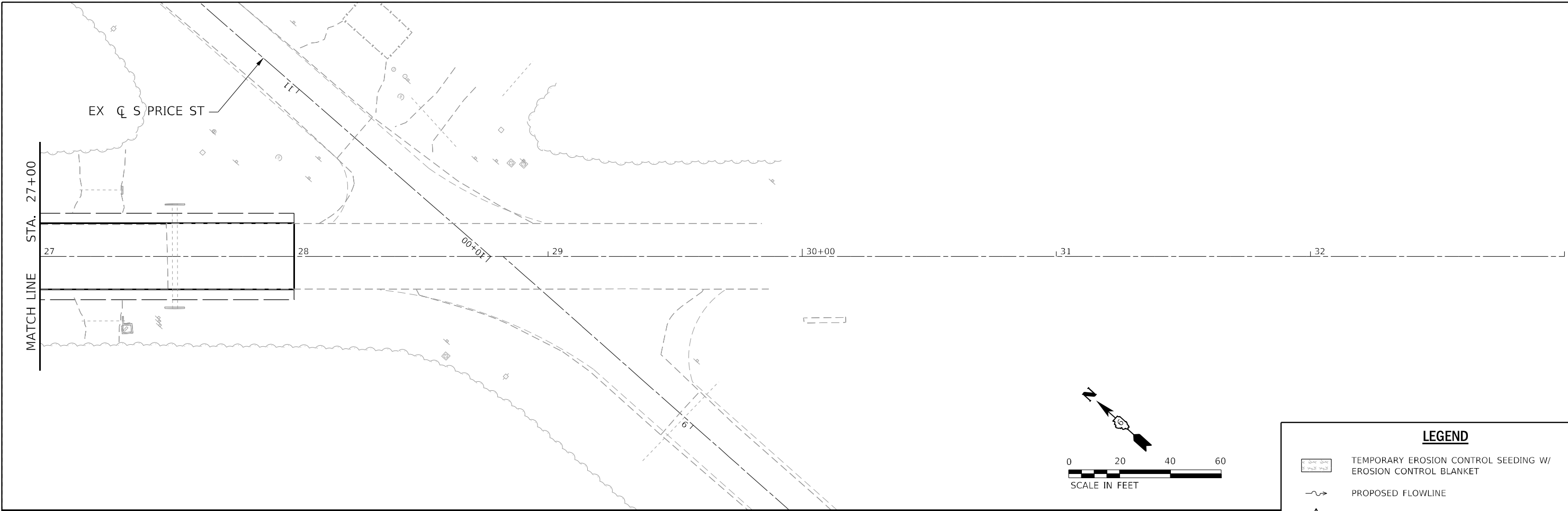
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PLOT DATE = 5/17/2023	DATE - 05/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL IL 10			
SCALE: 1"=20'	SHEET 10 OF 12 SHEETS	STA. 15+00 R4 TO STA. 27+00 R4	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	109
CONTRACT NO. 72888				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



LEGEND

	TEMPORARY EROSION CONTROL SEEDING W/ EROSION CONTROL BLANKET
	PROPOSED FLOWLINE
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	INLET FILTER
	PERIMETER EROSION BARRIER

MODEL Path: \\...
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





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DRAWN - TO	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED - SMK	REVISOR -
PLOT DATE = 5/17/2023	DATE - 05/18/2023	REVISOR -

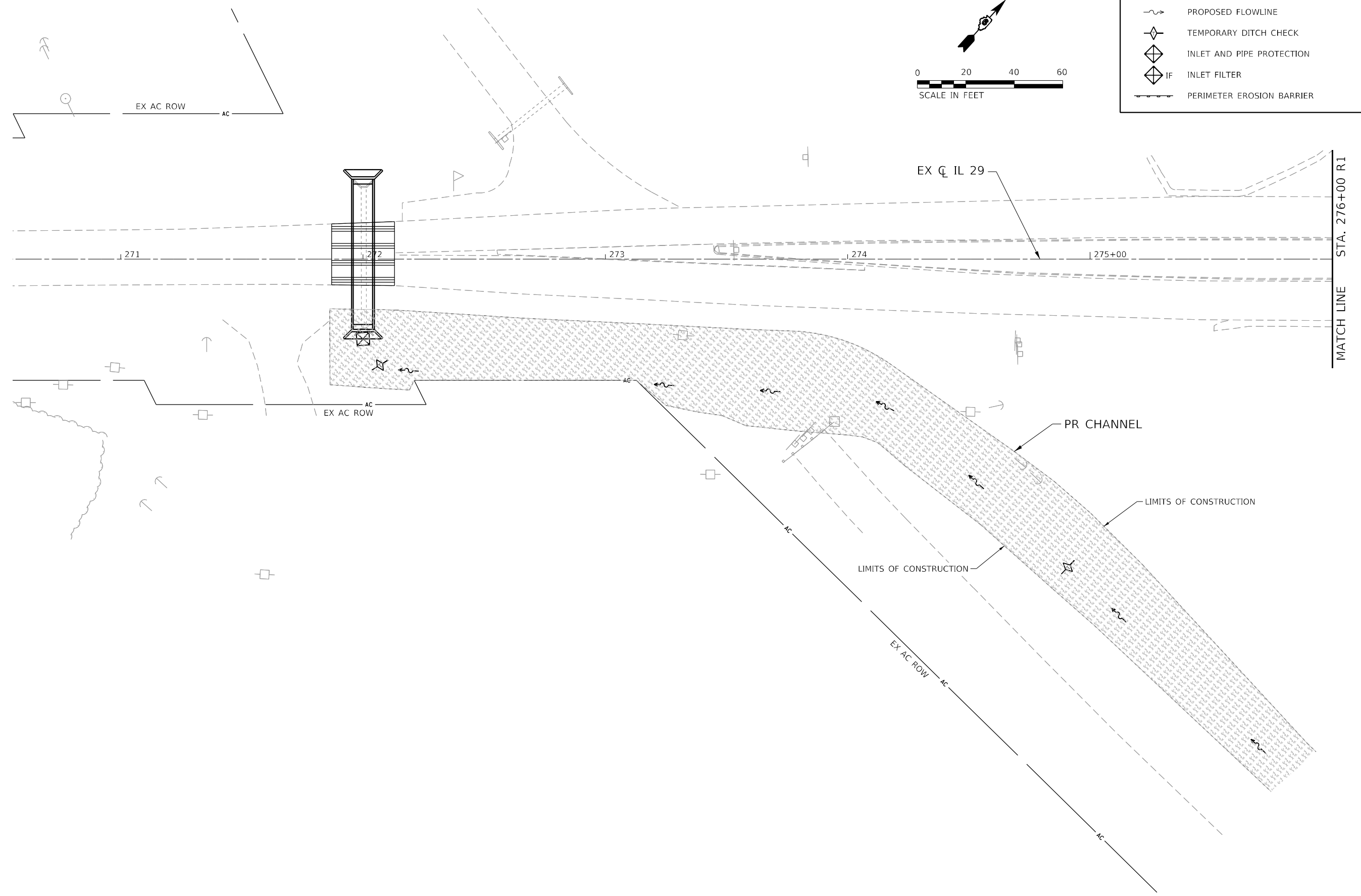
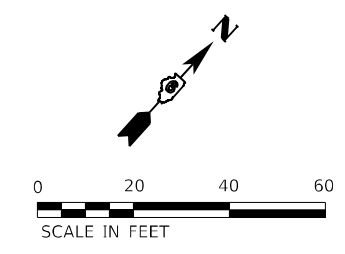
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL	
IL 10	
SCALE: 1"=20'	SHEET 11 OF 12 SHEETS STA. 27+00 R4 TO STA. 33+00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	110
CONTRACT NO. 72888				

LEGEND

-  TEMPORARY EROSION CONTROL SEEDING W/
EROSION CONTROL BLANKET
-  PROPOSED FLOWLINE
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION
-  INLET FILTER
-  PERIMETER EROSION BARRIER



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USER NAME = rgoertz	DESIGNED - RG	REVISED -
DRAWN - TO	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/17/2023	DATE - 05/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL
IL 29**

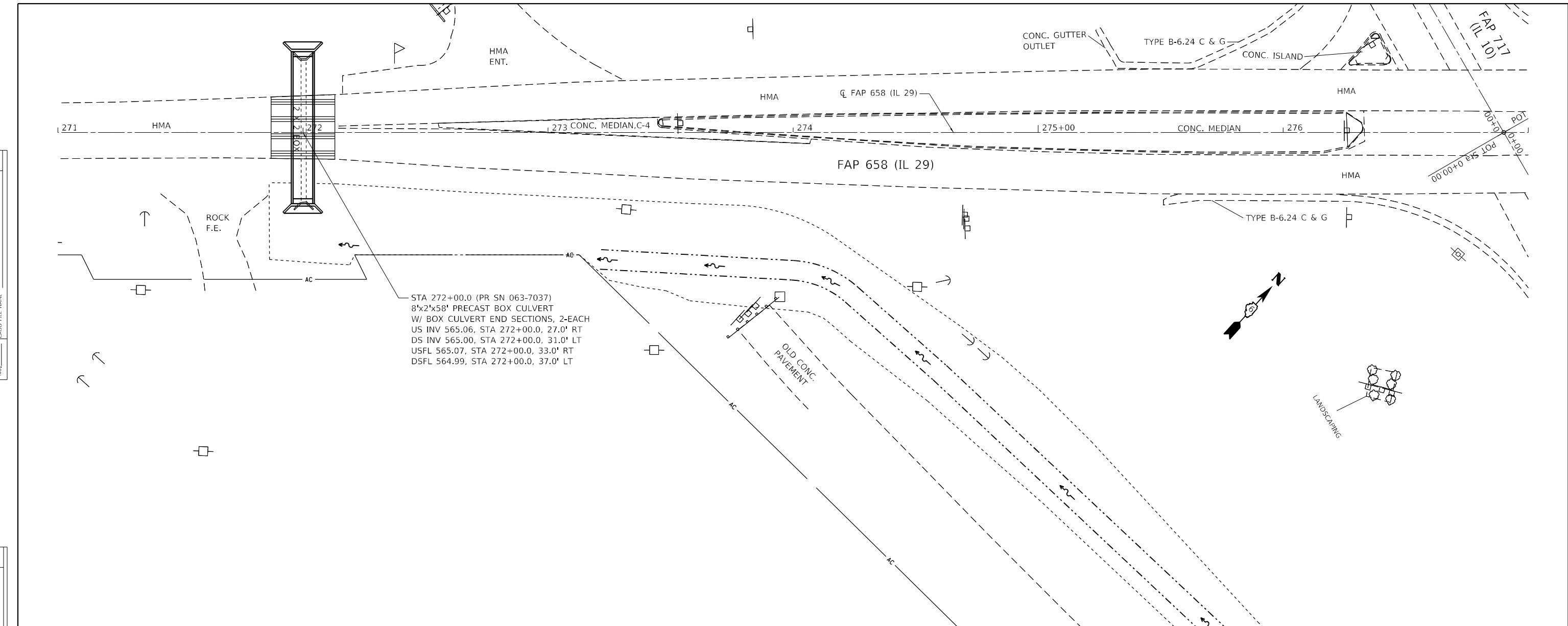
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	111
CONTRACT NO. 72888				

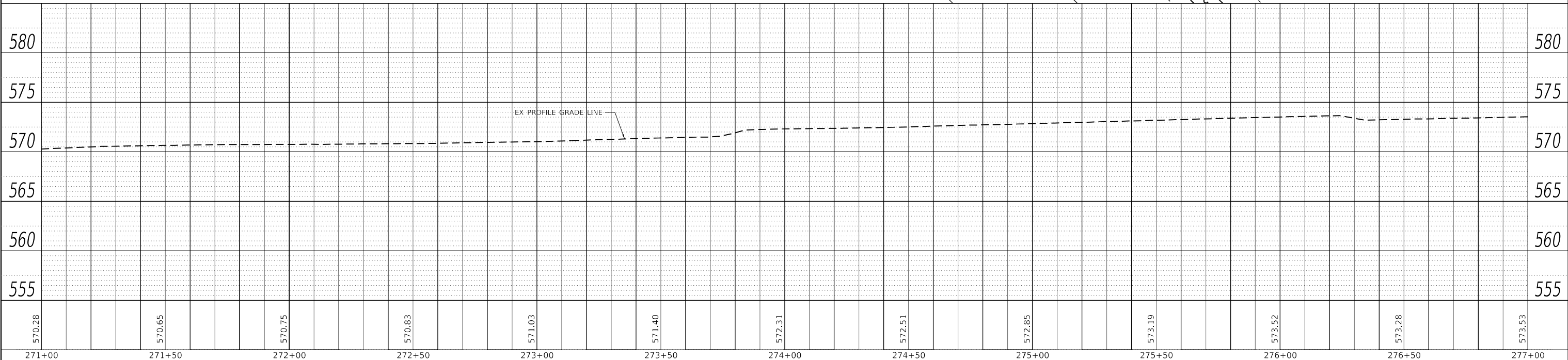
ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR

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

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



STA 272+00.0 (PR SN 063-7037)
 8'x2'x58' PRECAST BOX CULVERT
 W/ BOX CULVERT END SECTIONS, 2-EACH
 US INV 565.06, STA 272+00.0, 27.0' RT
 DS INV 565.00, STA 272+00.0, 31.0' LT
 USFL 565.07, STA 272+00.0, 33.0' RT
 DSFL 564.99, STA 272+00.0, 37.0' LT

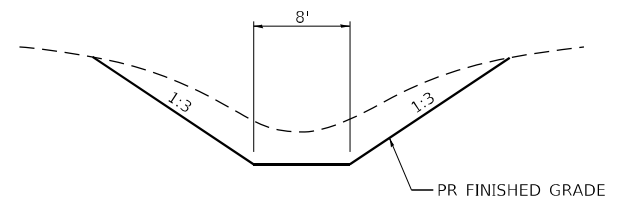
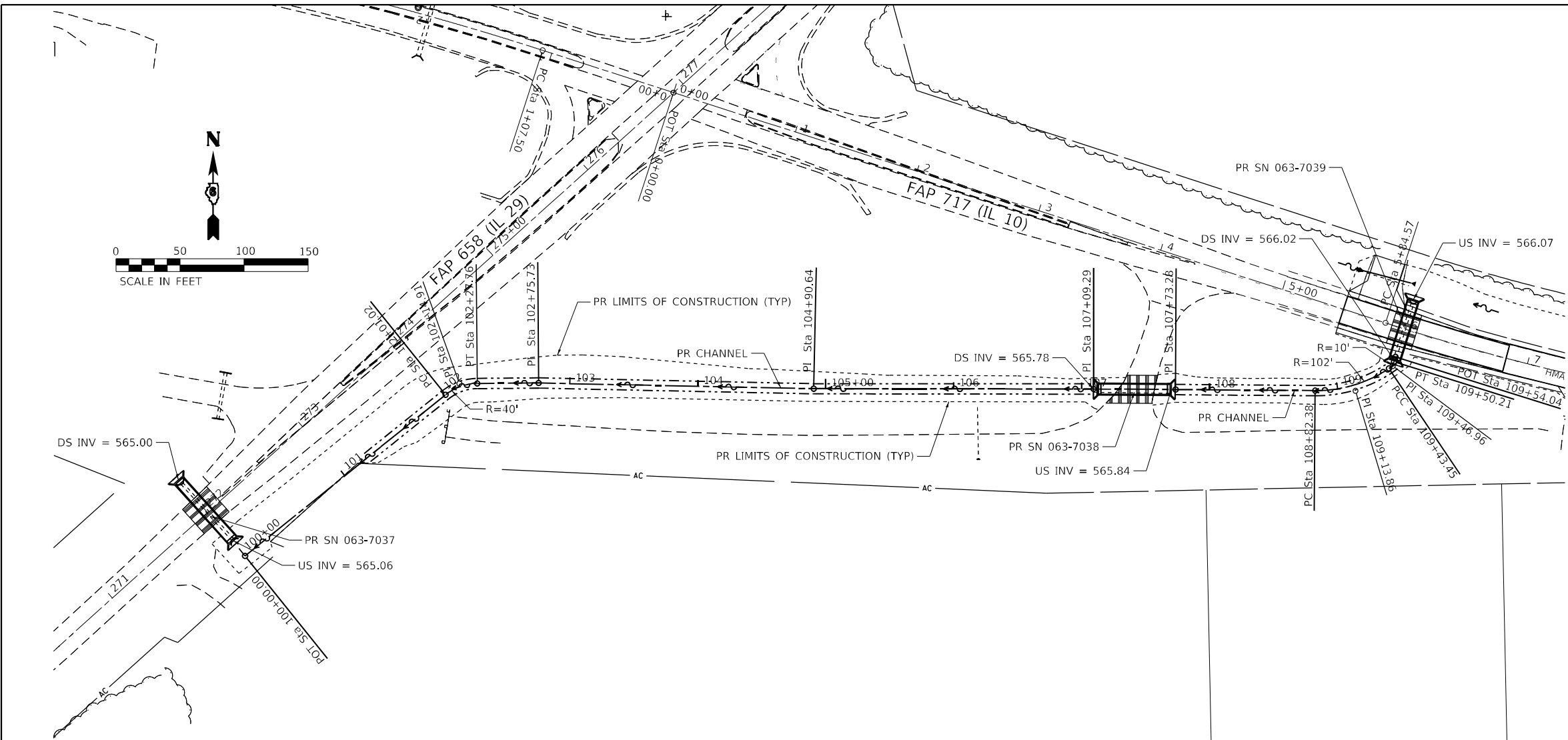


Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 658 (IL 29) DRAINAGE AND UTILITIES PLAN & PROFILES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED - JW	REVISED -		*	*	MASON	269	112			
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -			CONTRACT NO. 72B88			ILLINOIS FED. AID PROJECT				
SCALE: H=20 V=5			SHEET 1 OF 1 SHEETS			STA. 271+00 R5 TO STA. 277+00 R5						

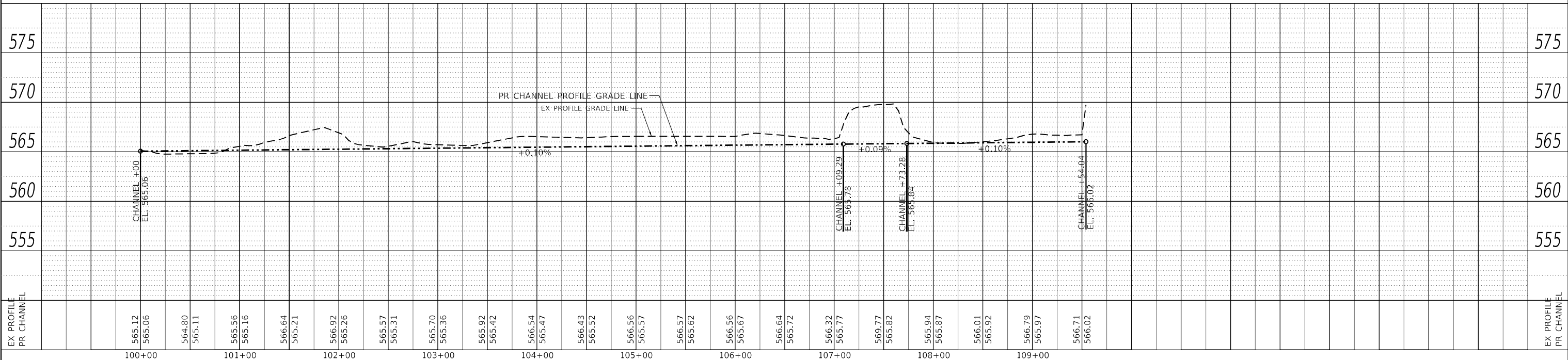
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	PLOTTED	
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	CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
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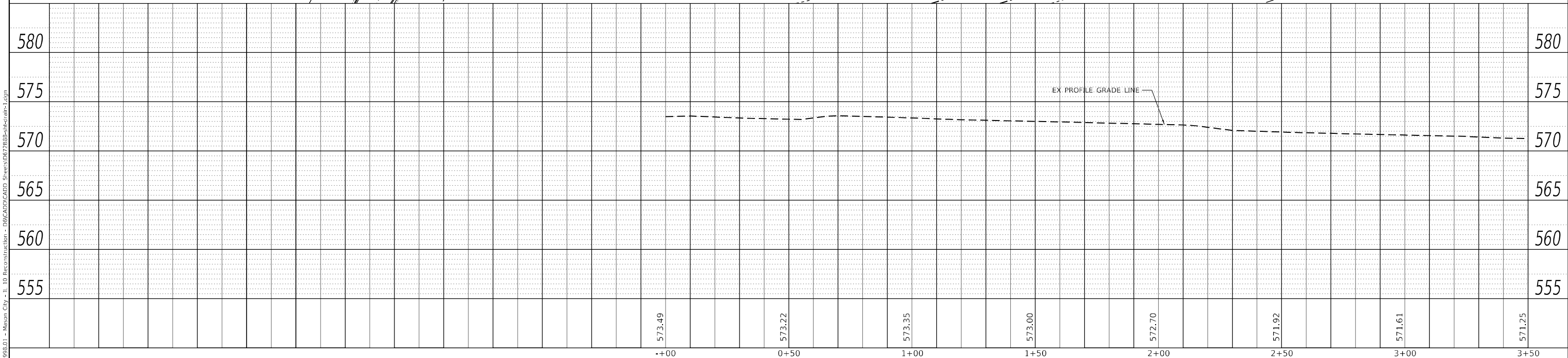
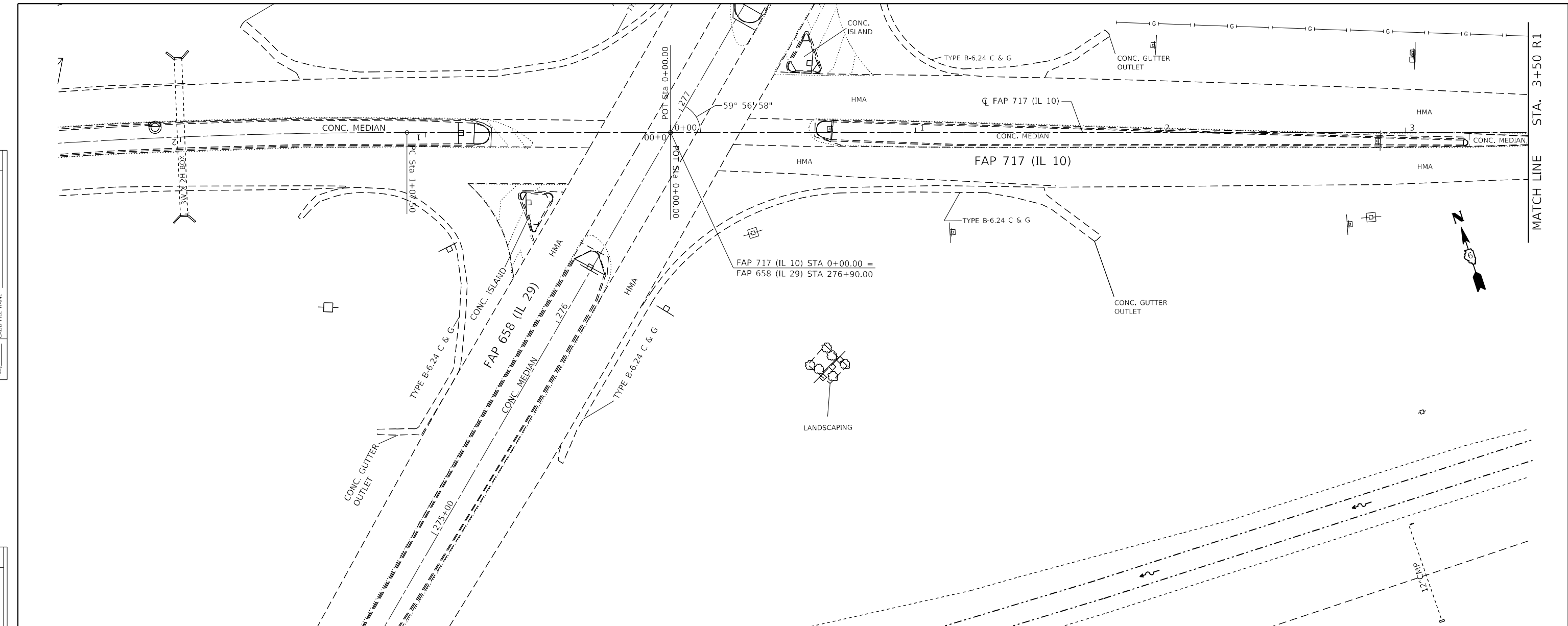
CHANNEL DETAIL



Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) - WEST DRAINAGE DETAIL DRAINAGE AND UTILITIES PLAN & PROFILES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -			CONTRACT NO. 72888			ILLINOIS FED. AID PROJECT				
					SCALE: H=50 V=5 SHEET 1 OF 1 SHEETS STA. 100+0 TO STA. 109+54.04			(42)R,SW; (4RS-6,101RS-4)CR				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
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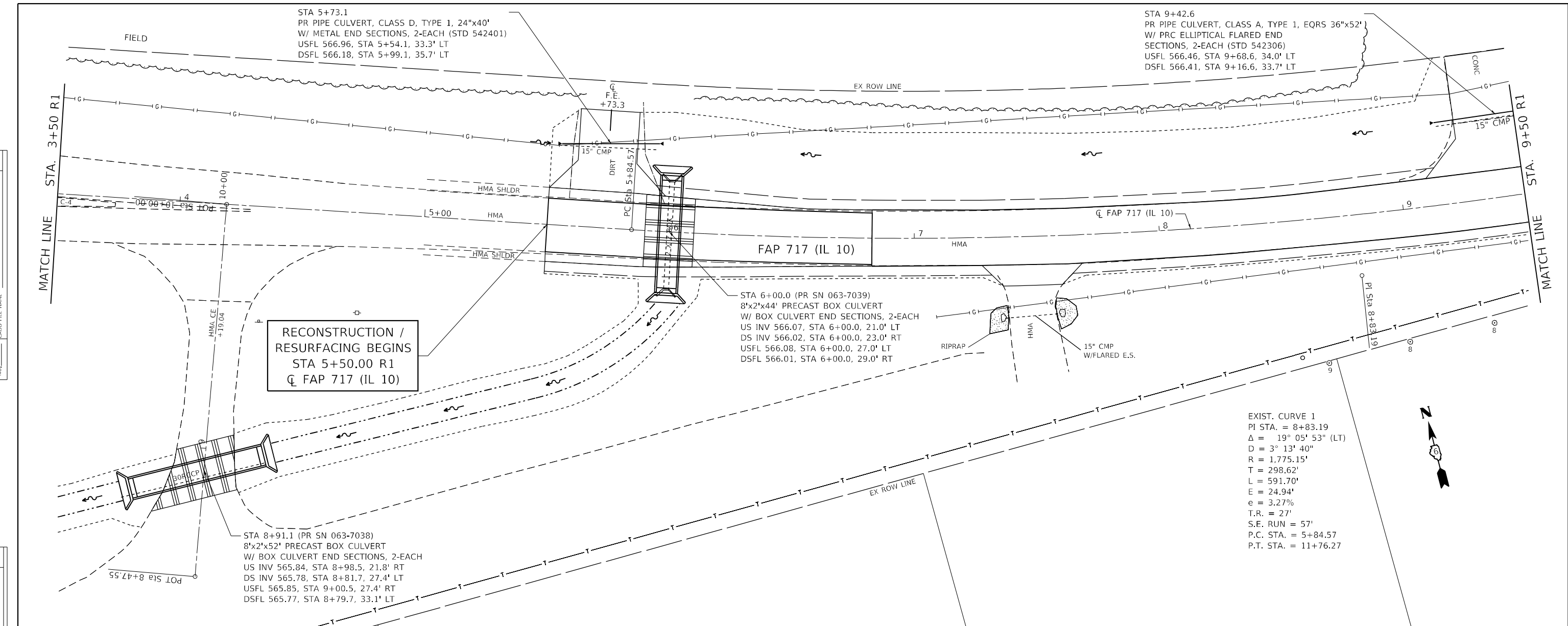
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene DESIGNED - LDZ DRAWN - RMD CHECKED - JW DATE - 04/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES		F.A.P. RTE. * SECTION * COUNTY MASON TOTAL SHEETS 269 SHEET NO. 114 CONTRACT NO. 72B88
	PLOT SCALE = 40,0000 * / in. PLOT DATE = 5/18/2023	SCALE: H=20 V=5 SHEET 1 OF 19 SHEETS STA. 0+00 R1 TO STA. 3+50 R1		ILLINOIS FED. AID PROJECT FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR) (42)R, SW: (4RS-6, 101RS-4)CR		

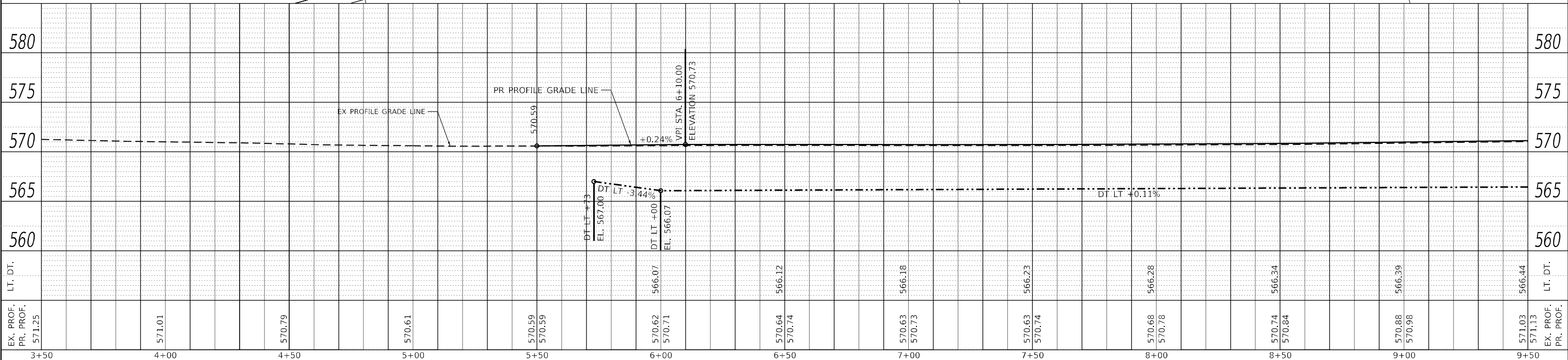
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	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTARIS CURVD	
	NO.	



RECONSTRUCTION /
RESURFACING BEGINS
STA 5+50.00 R1
CL FAP 717 (IL 10)

EXIST. CURVE 1
PI STA. = 8+83.19
Δ = 19° 05' 53" (LT)
D = 3° 13' 40"
R = 1,775.15'
T = 298.62'
L = 591.70'
E = 24.94'
e = 3.27%
T.R. = 27'
S.E. RUN = 57'
P.C. STA. = 5+84.57
P.T. STA. = 11+76.27



EX. PROF. PR. PROF. 571.25	571.01	570.79	570.61	570.59 570.59	570.62 570.71	570.64 570.74	570.63 570.73	570.63 570.74	570.68 570.78	570.74 570.84	570.88 570.98	571.03 571.13
3+50	4+00	4+50	5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50

Hutchinson Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCraene
DESIGNED - LDZ
DRAWN - RMD
CHECKED - JW
DATE - 04/17/2023

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
DRAINAGE AND UTILITIES PLAN & PROFILES**
SCALE: H=20 V=5 SHEET 2 OF 19 SHEETS STA. 3+50 R1 TO STA. 9+50 R1

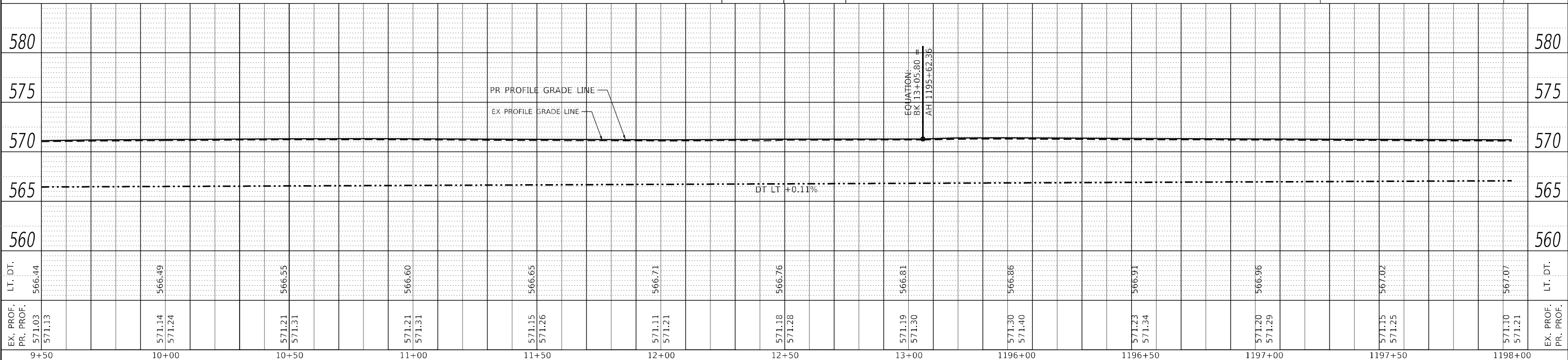
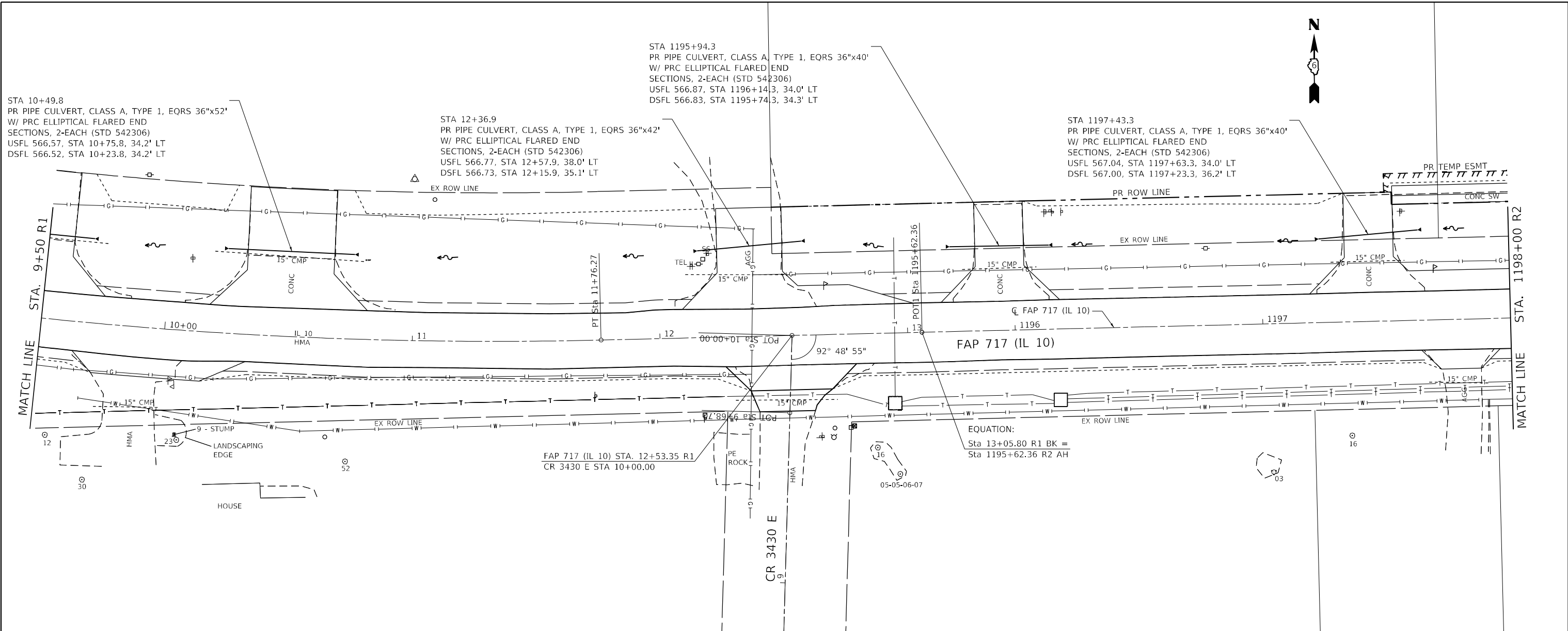
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	115
CONTRACT NO. 72B88				

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ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR

PLAN	SURVEYED	DATE
	PLOTTED	
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	FILE NAME	
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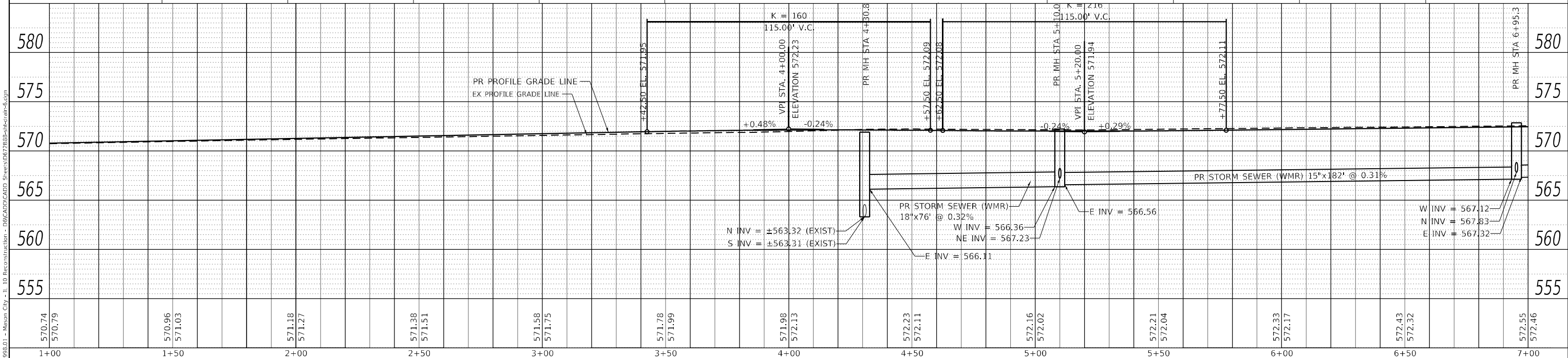
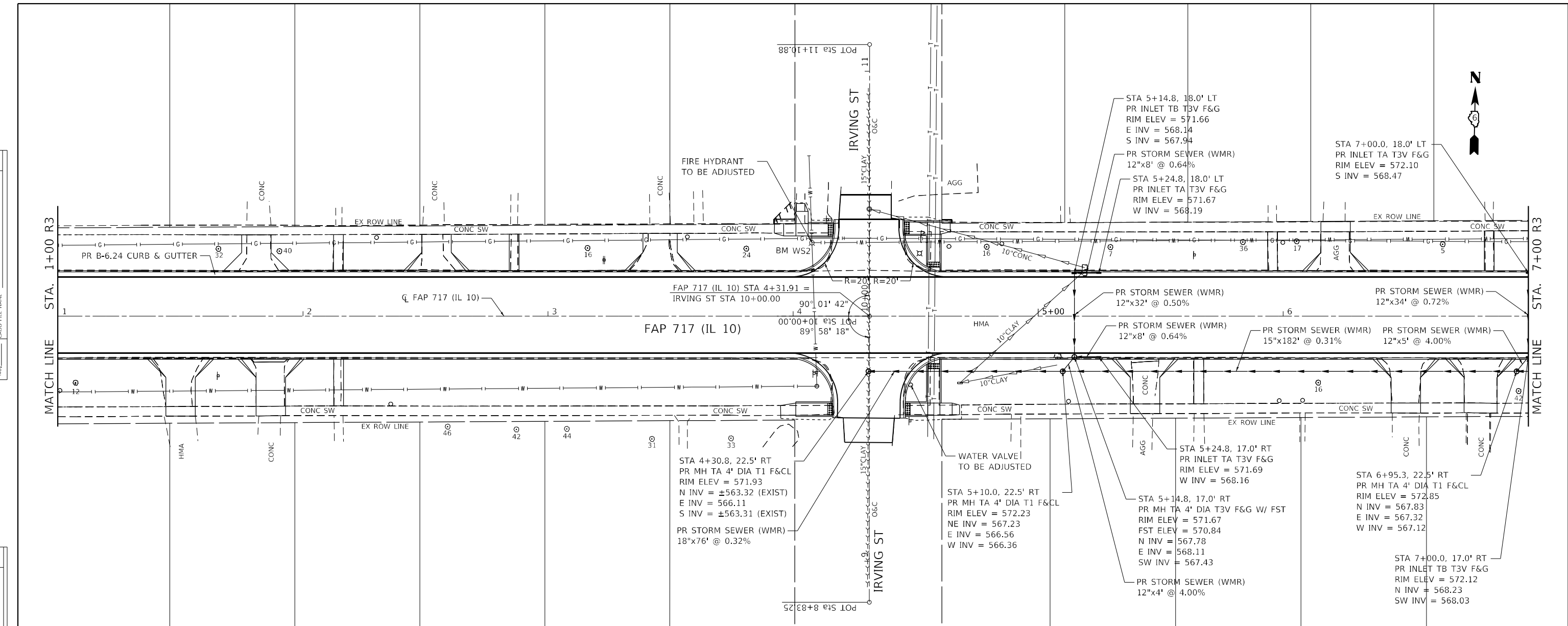
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTARIS	
	NO.	



EX. PROF.	PR. PROF.	LT. DT.	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	1196+00	1196+50	1197+00	1197+50	1198+00	EX. PROF.	PR. PROF.	LT. DT.																																	
571.03	571.13	566.44		571.14	571.24	566.49		571.21	571.31	566.55		571.21	571.31	566.60		571.15	571.26	566.65		571.11	571.21	566.71		571.18	571.28	566.76		571.19	571.30	566.81		571.30	571.40	566.86		571.23	571.34	566.91		571.20	571.29	566.96		571.15	571.25	567.02		571.10	571.21	567.07	

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

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



570.74	570.79	570.96	571.03	571.18	571.27	571.38	571.51	571.58	571.75	571.78	571.99	571.98	572.13	572.23	572.11	572.16	572.02	572.21	572.04	572.33	572.17	572.43	572.32	572.55	572.46
1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	6+50	7+00													

Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

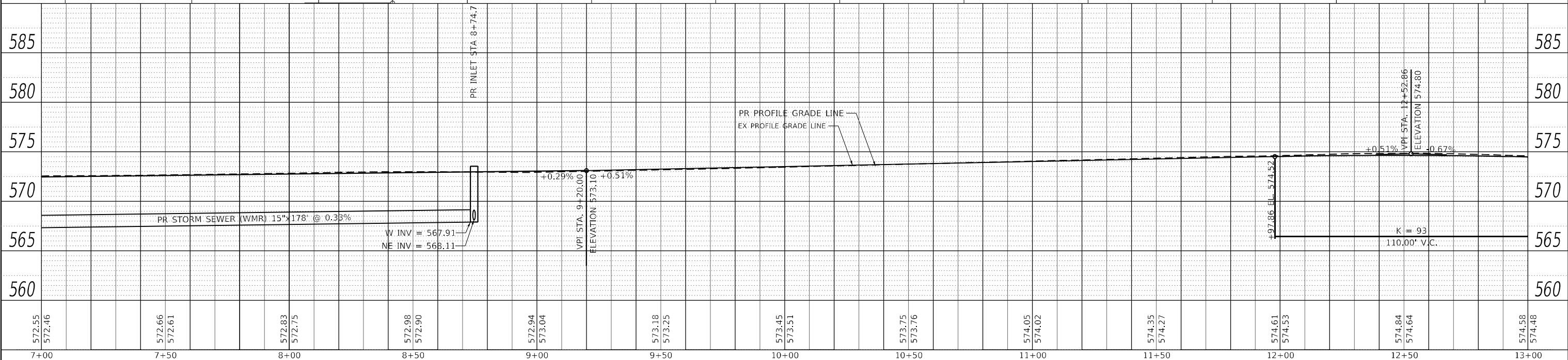
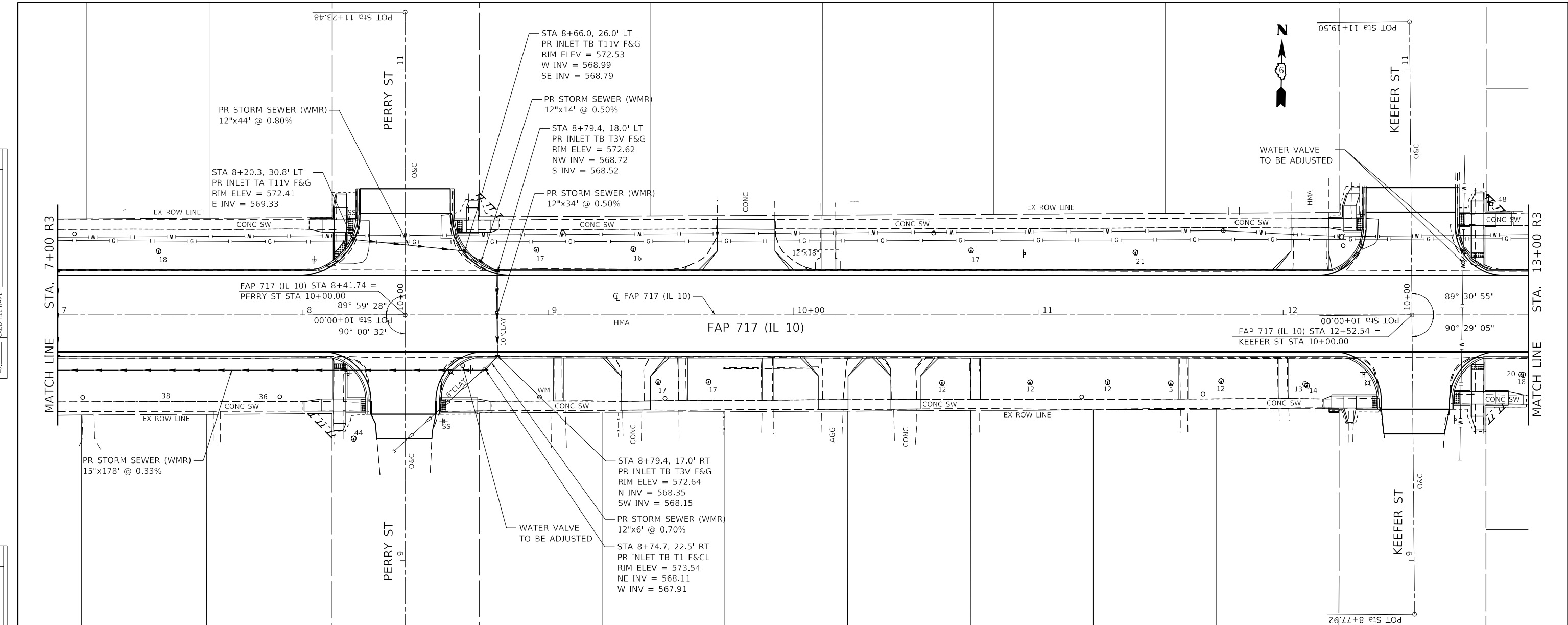
**FAP 717 (IL 10)
DRAINAGE AND UTILITIES PLAN & PROFILES**

SCALE: H=20 V=5 SHEET 6 OF 19 SHEETS STA. 1+00 R3 TO STA. 7+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	119
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR) (42)R,SW; (4RS-6,101RS-4)CR				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DATE
	NO.
	FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	DATE
	NO.
	FILE NAME



572.95	572.46	572.66	572.61	572.83	572.75	572.98	572.90	572.94	573.04	573.18	573.25	573.45	573.51	573.75	573.76	574.05	574.02	574.35	574.27	574.61	574.53	574.84	574.64	574.58	574.48
7+00	7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00													

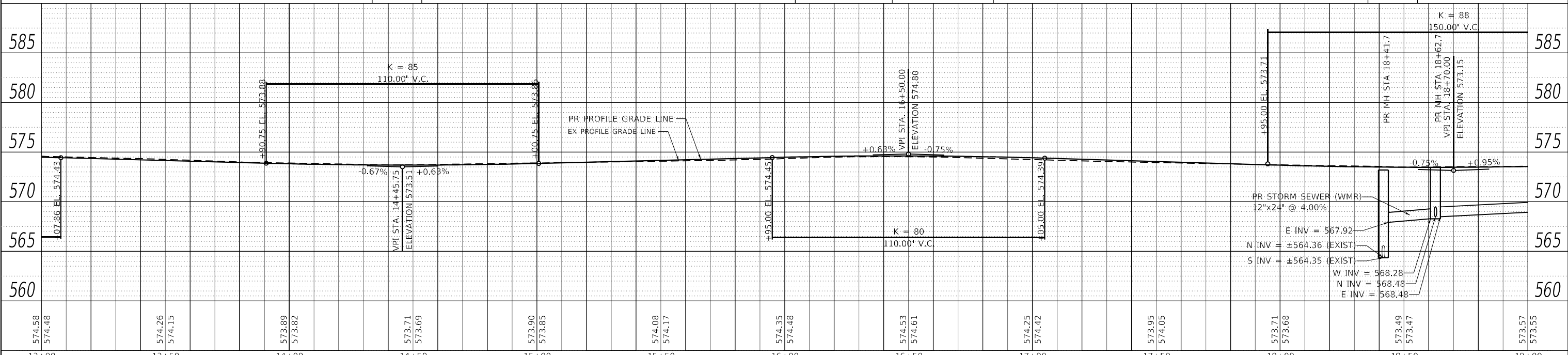
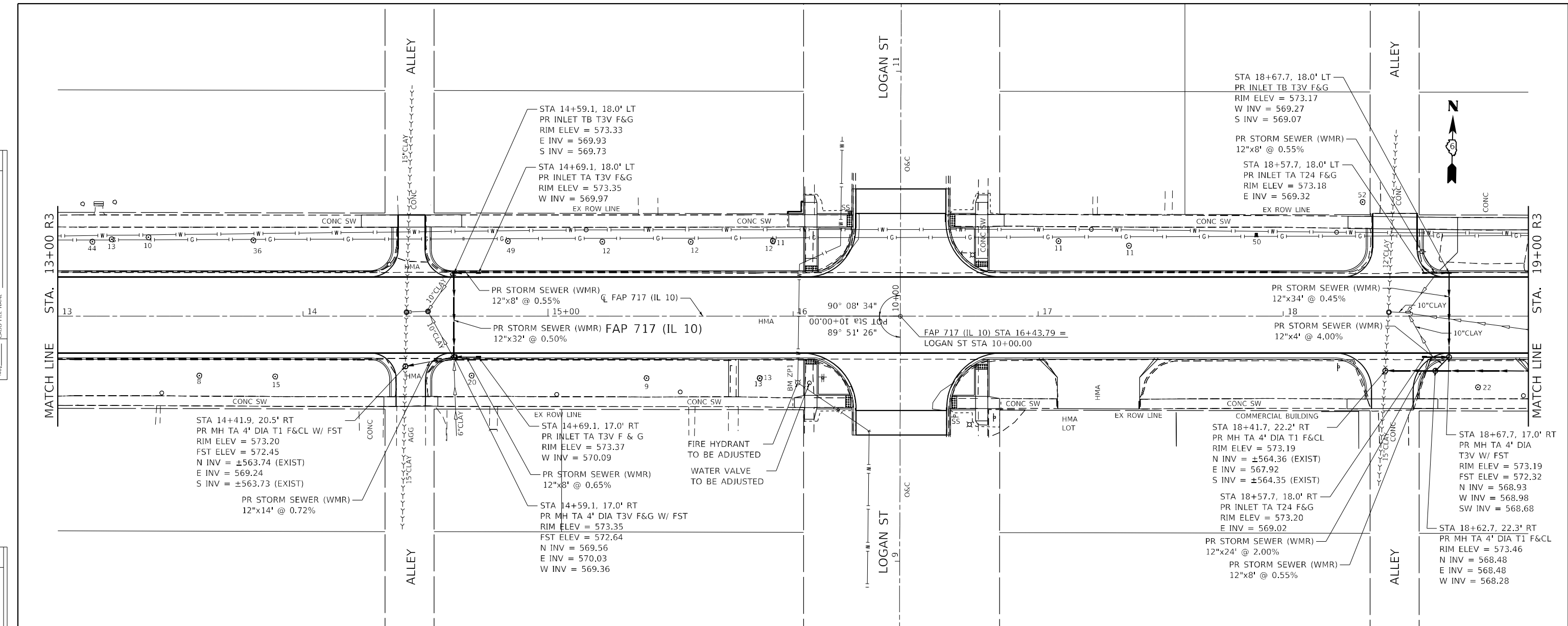
Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
	PLOT SCALE = 40,0000' / in.	DRAWN - RMD	REVISED -
	DATE = 5/18/2023	CHECKED - JW	REVISED -
		DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES			
SCALE: H=20 V=5	SHEET 7	OF 19 SHEETS	STA. 7+00 R3 TO STA. 13+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	120
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				
FAP 717, 658, 581 43 (IL10, 29, 10 SPUR) (42)R,SW; (4RS-6,101RS-4)CR				

PLAN	SURVEYED	DATE
	PLOTTED	
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	NO.	

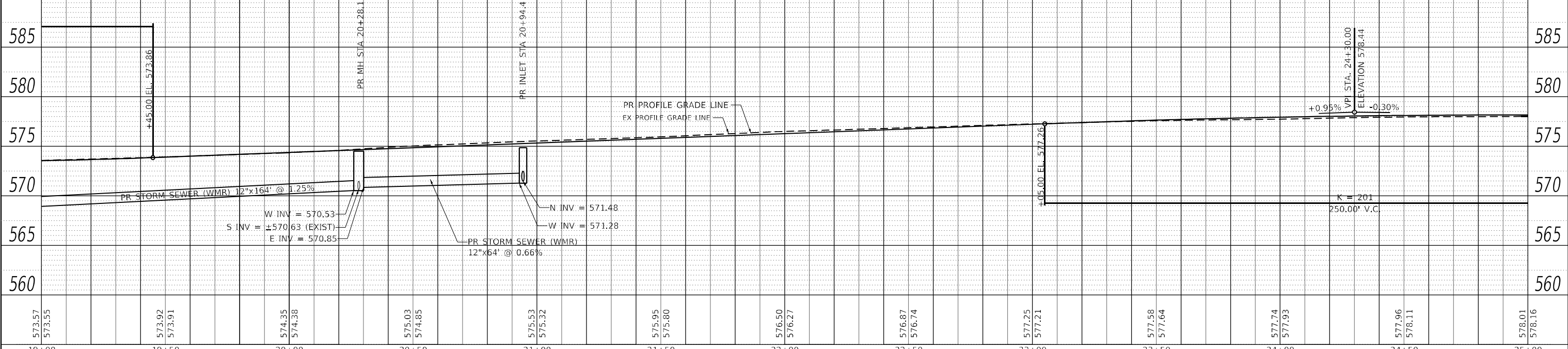
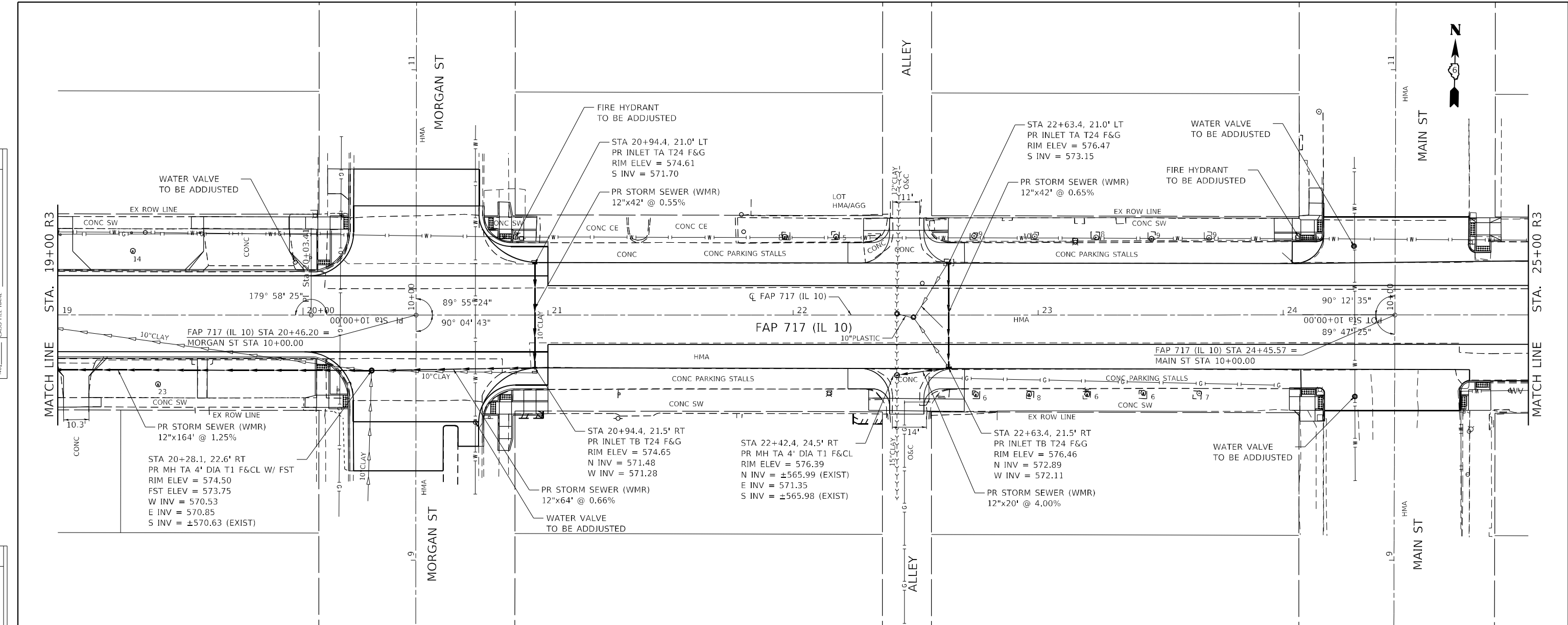
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	



Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,000' / in.	CHECKED - JW	REVISED -		SCALE: H=20 V=5	SHEET 8 OF 19 SHEETS	STA. 13+00 R3 TO STA. 19+00 R3	*	*	MASON	269
	PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -				CONTRACT NO. 72B88				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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573.57	573.55	573.92	573.91	574.35	574.38	575.03	574.85	575.53	575.32	575.95	575.80	576.50	576.27	576.87	576.74	577.25	577.21	577.58	577.64	577.74	577.93	577.96	578.11	578.01	578.16	
19+00	19+50	20+00	20+50	21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00														

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

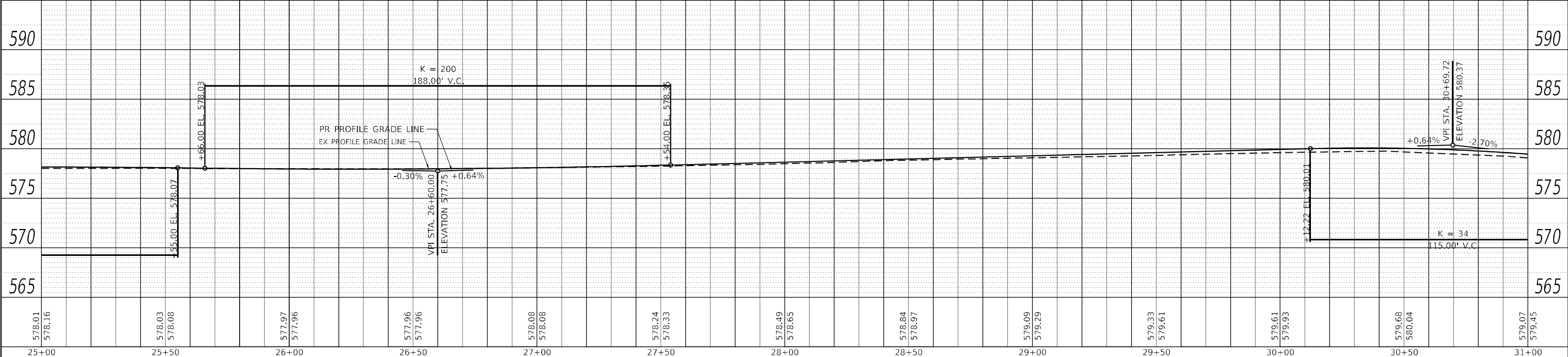
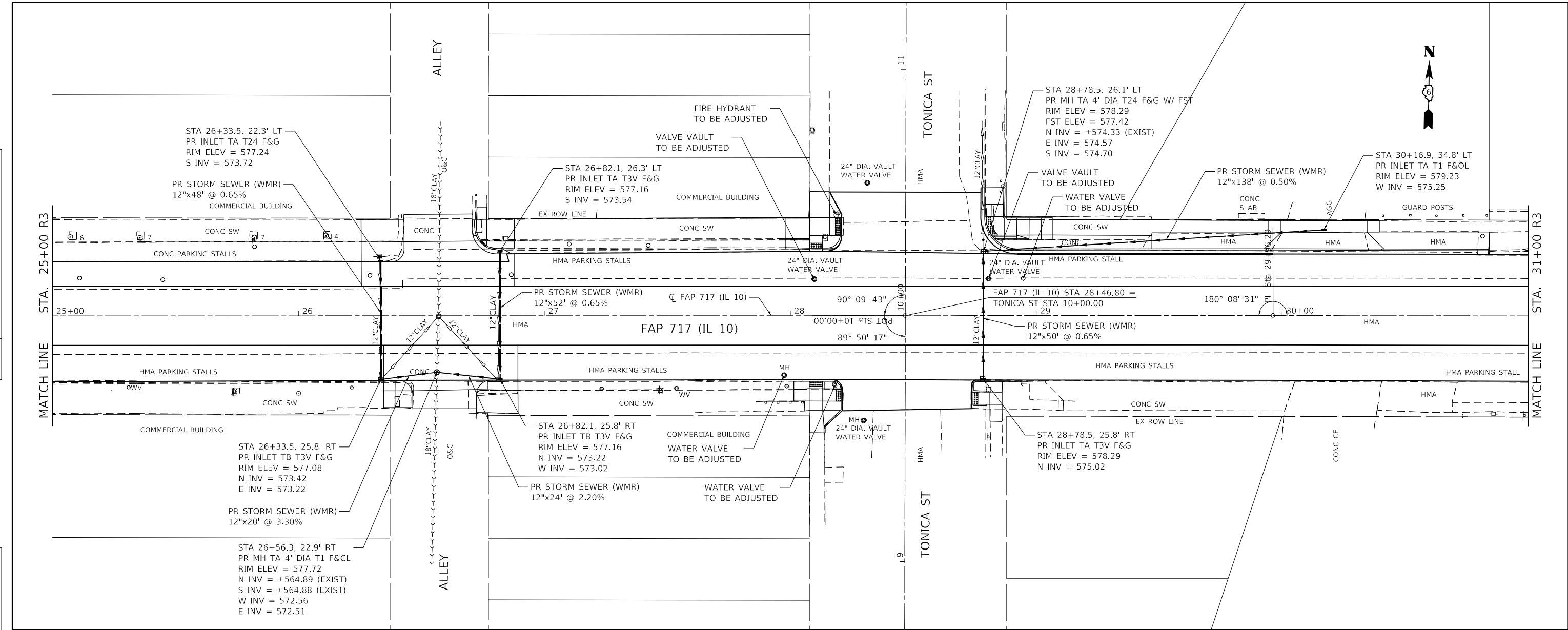
FAP 717 (IL 10)
DRAINAGE AND UTILITIES PLAN & PROFILES

SCALE: H=20 V=5 SHEET 9 OF 19 SHEETS STA. 19+00 R3 TO STA. 25+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	122
CONTRACT NO. 72B88				

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

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



Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 * / in.	CHECKED - JW	REVISED -		SCALE: H=20 V=5	SHEET 10 OF 19 SHEETS	STA. 25+00 R3 TO STA. 31+00 R3	*	*	MASON	269
PLOT DATE = 5/23/2023	DATE - 04/17/2023	REVISED -					CONTRACT NO. 72B88			ILLINOIS FED. AID PROJECT	

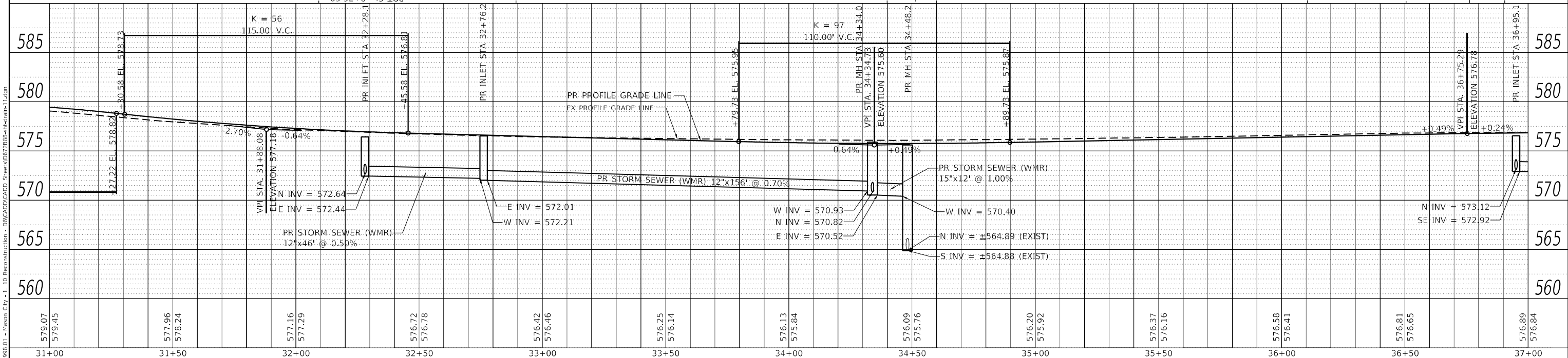
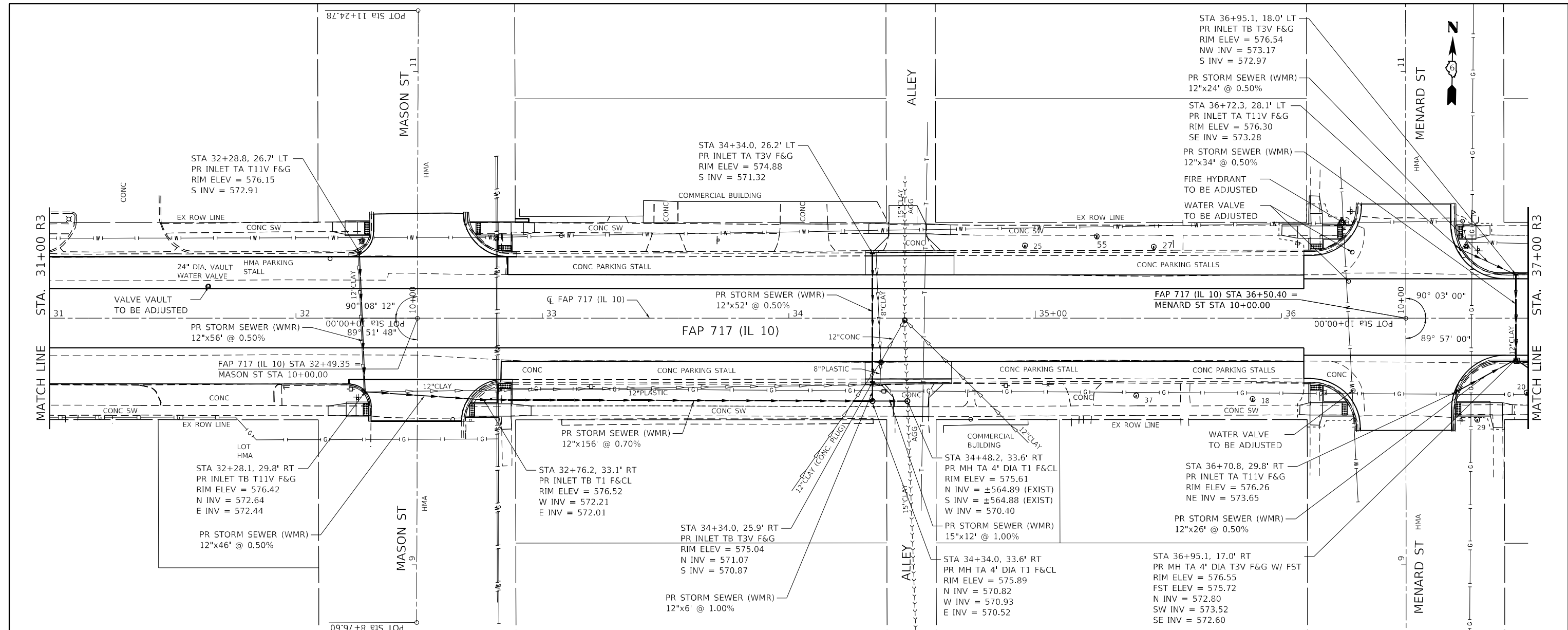


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FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR

DATE	
BY	
PLAN	SURVEYED
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	NO. _____
	NOTE BOOK
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DATE	
BY	
PROFILE	SURVEYED
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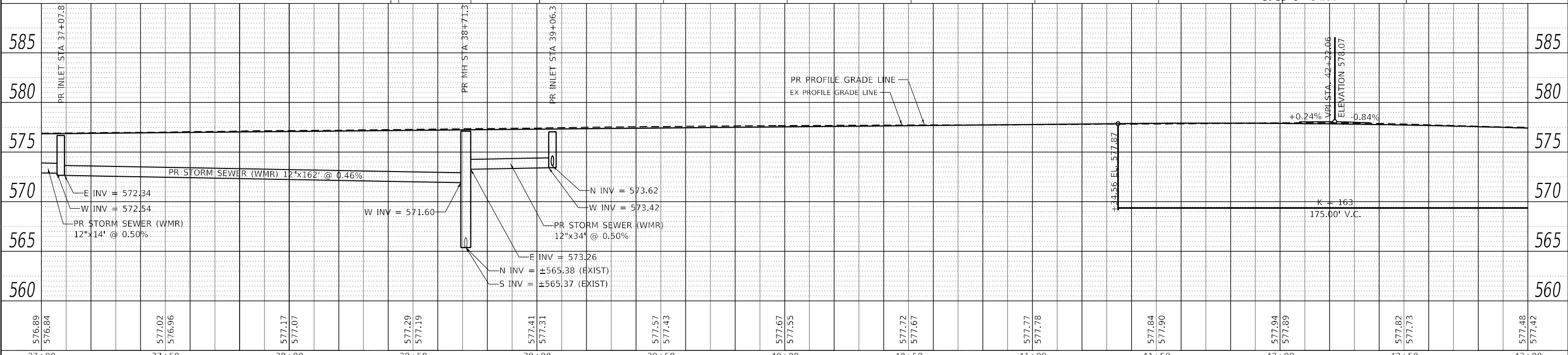
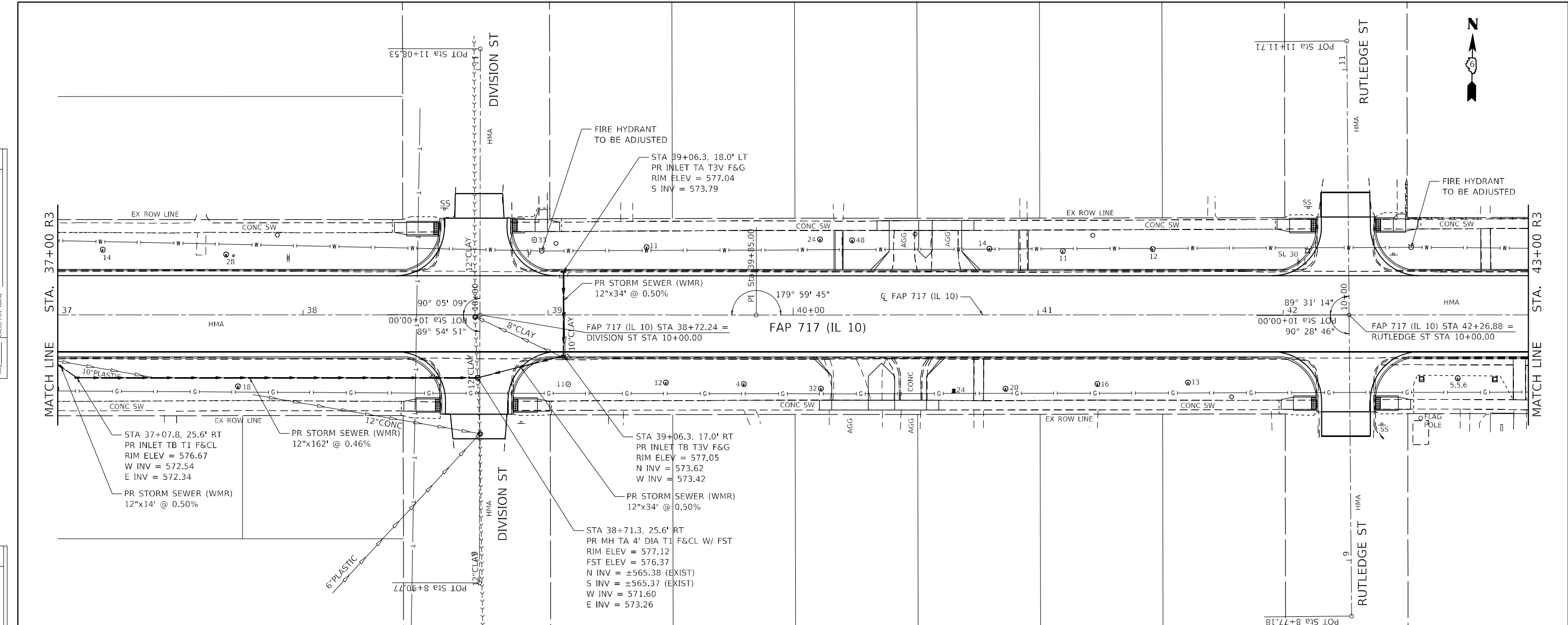


Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene DESIGNED - LDZ DRAWN - RMD CHECKED - JW DATE - 04/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES		F.A.P. RTE. * SECTION * COUNTY * MASON	TOTAL SHEETS 269 SHEET NO. 124	CONTRACT NO. 72B88
	PLOT SCALE = 40,0000' / in. PLOT DATE = 5/18/2023	SCALE: H=20 V=5 SHEET 11 OF 19 SHEETS STA. 31+00 R3 TO STA. 37+00 R3		ILLINOIS FED. AID PROJECT FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR) (42)R,SW; (4RS-6,101RS-4)CR				

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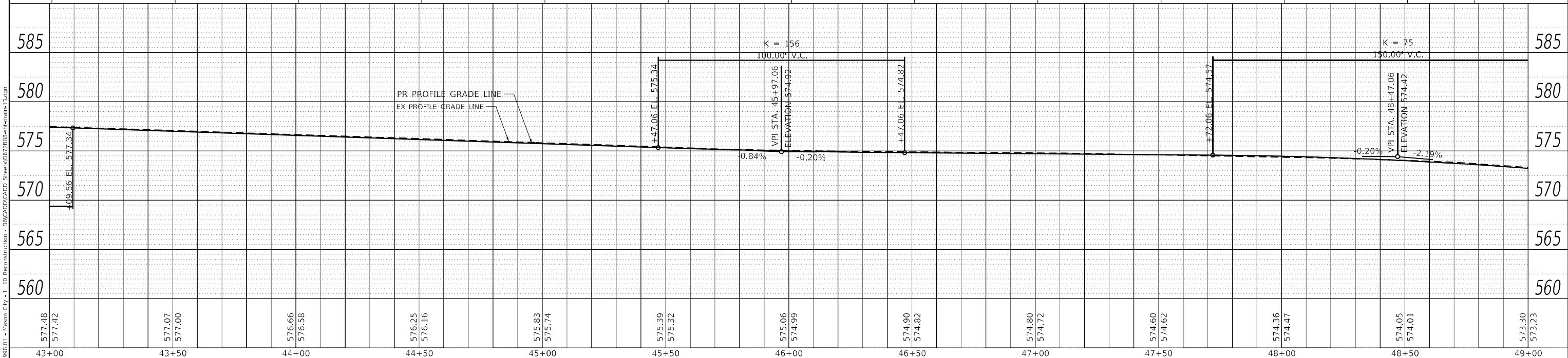
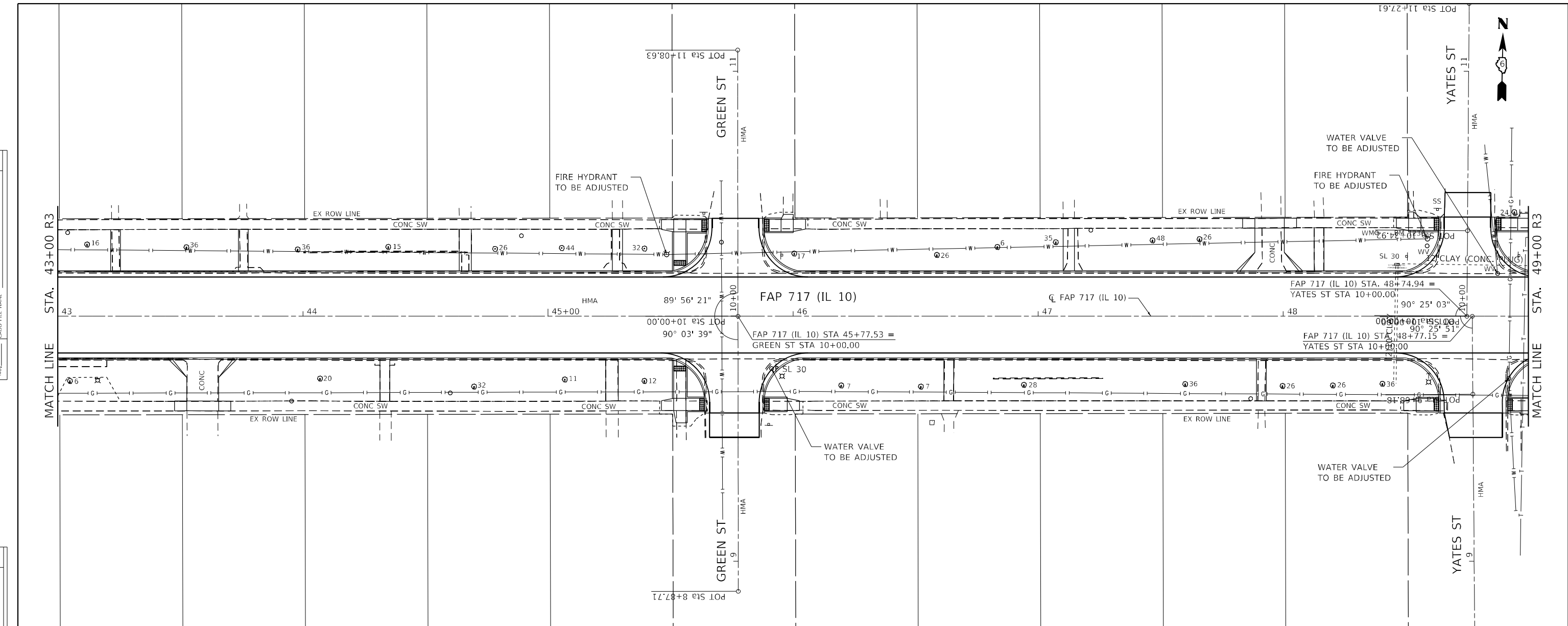
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Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED - JW	REVISED -			MASON	269	125		
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -		CONTRACT NO. 72B88		ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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	DATE	
	BY	
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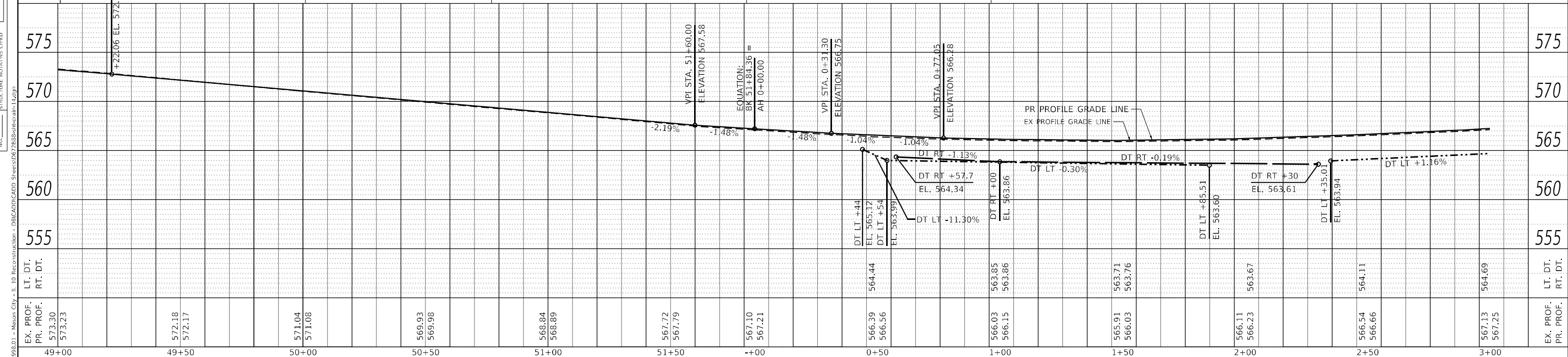
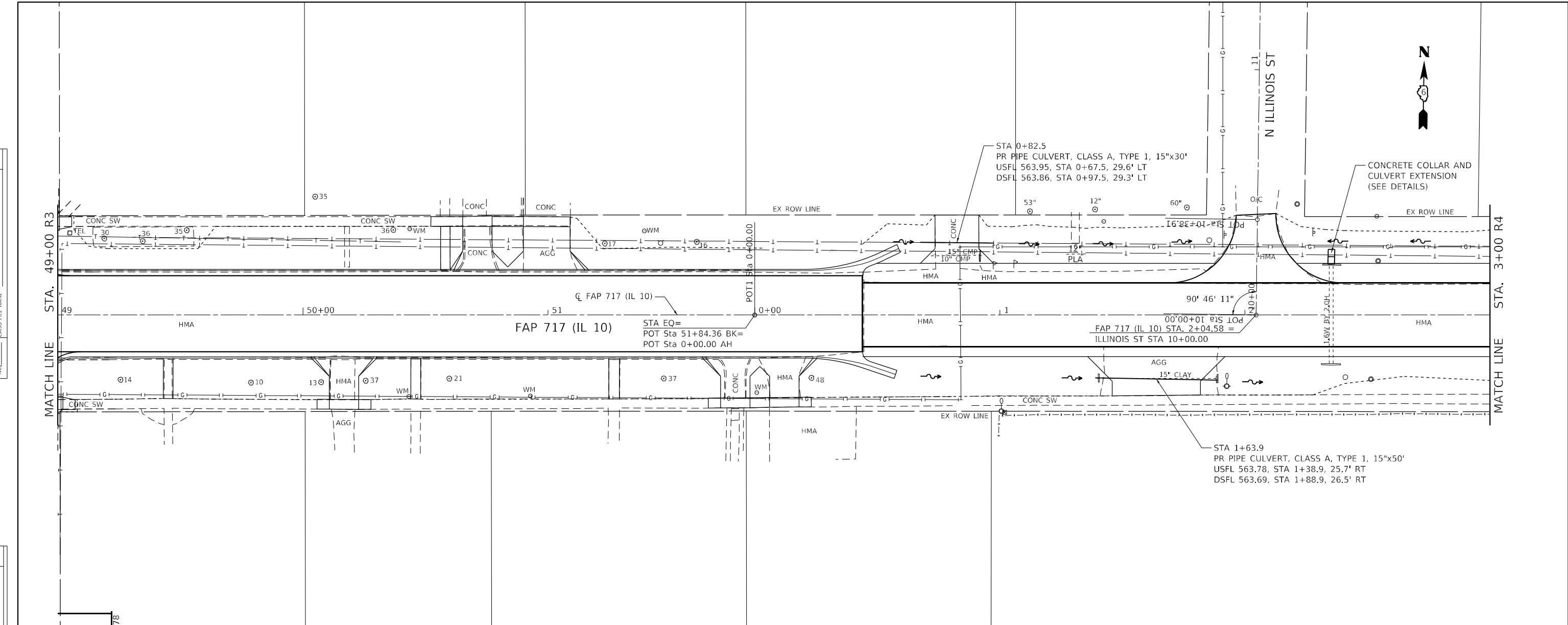
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	GRADES	
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	BY	
	NO.	



Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane DESIGNED - LDZ DRAWN - RMD CHECKED - JW DATE - 04/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES	F.A.P. RTE. * SECTION * COUNTY MASON TOTAL SHEETS 269 SHEET NO. 126 CONTRACT NO. 72B88	SCALE: H=20 V=5 SHEET 13 OF 19 SHEETS STA. 43+00 R3 TO STA. 49+00 R3	ILLINOIS FED. AID PROJECT FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR) (42)R, SW: (4RS-6, 101RS-4)CR
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PLAN	SURVEYED	DATE
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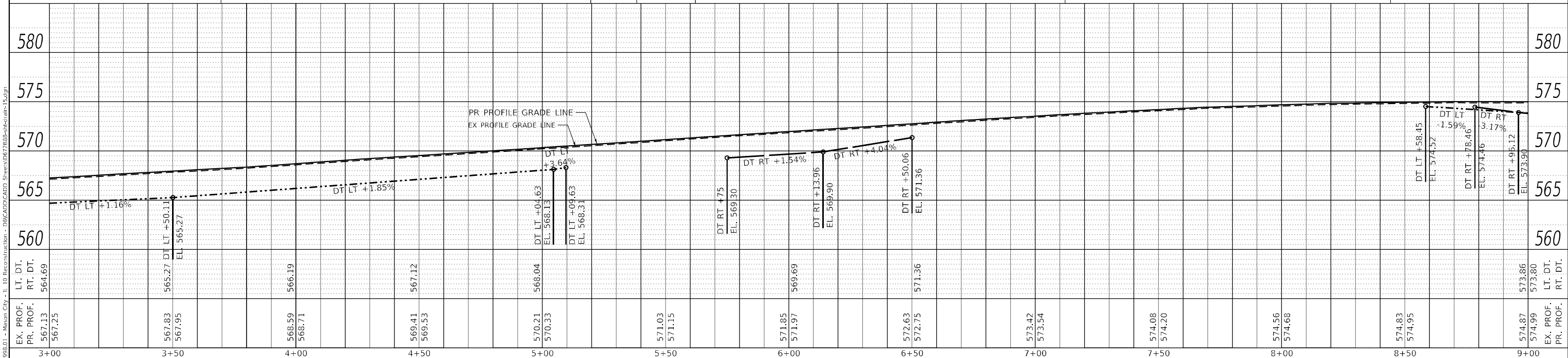
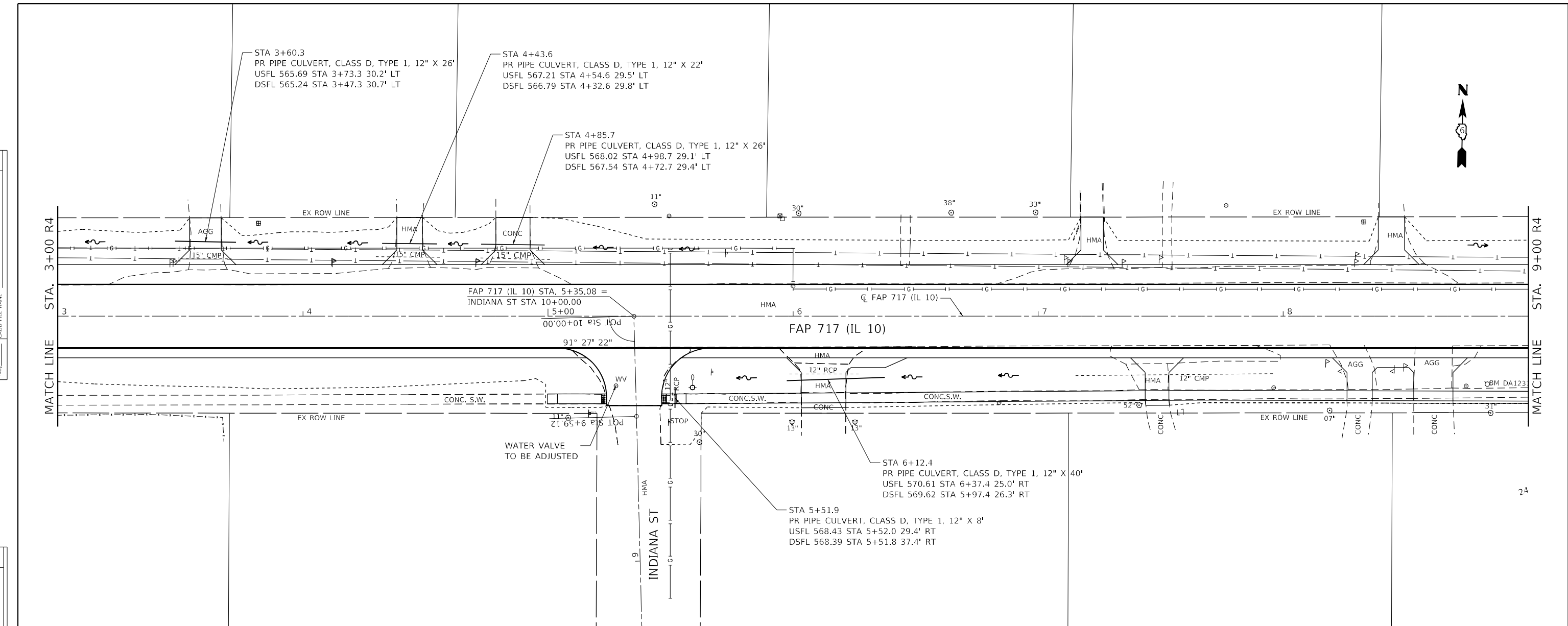
PROFILE	SURVEYED	DATE
	PLOTTED	
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	CHECKED	
	BY	
	NO.	



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PR. PROF. 573.23	572.17	571.08	569.98	568.89	567.79	566.56	566.15	566.03	566.23	566.66	567.25	564.09	PR. PROF. 555
49+00	49+50	50+00	50+50	51+00	51+50	0+50	1+00	1+50	2+00	2+50	3+00		

PLAN	SURVEYED	DATE
	PLOTTED	
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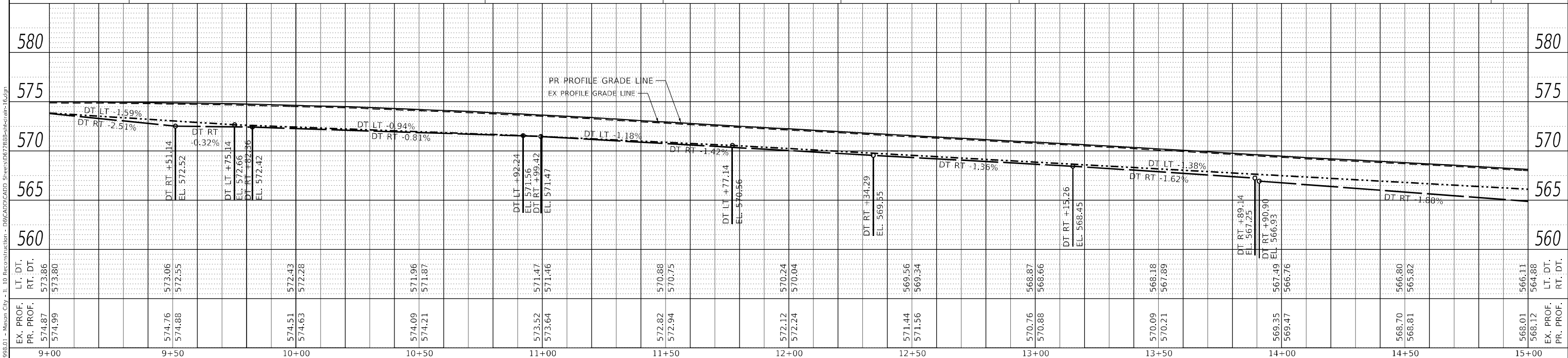
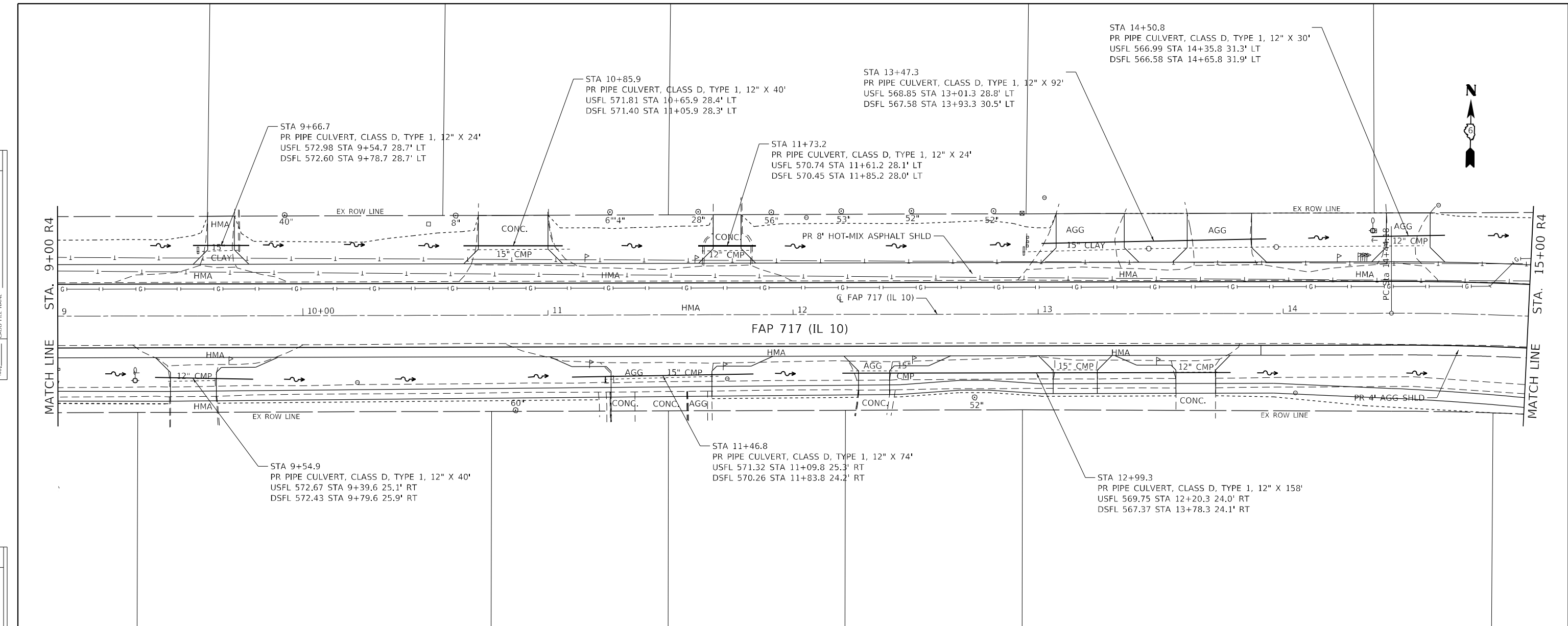


Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -						CONTRACT NO. 72B88		

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR

DATE	
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PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	GRADE CHECKED
	STRUCTURE NOTATION CHECKED
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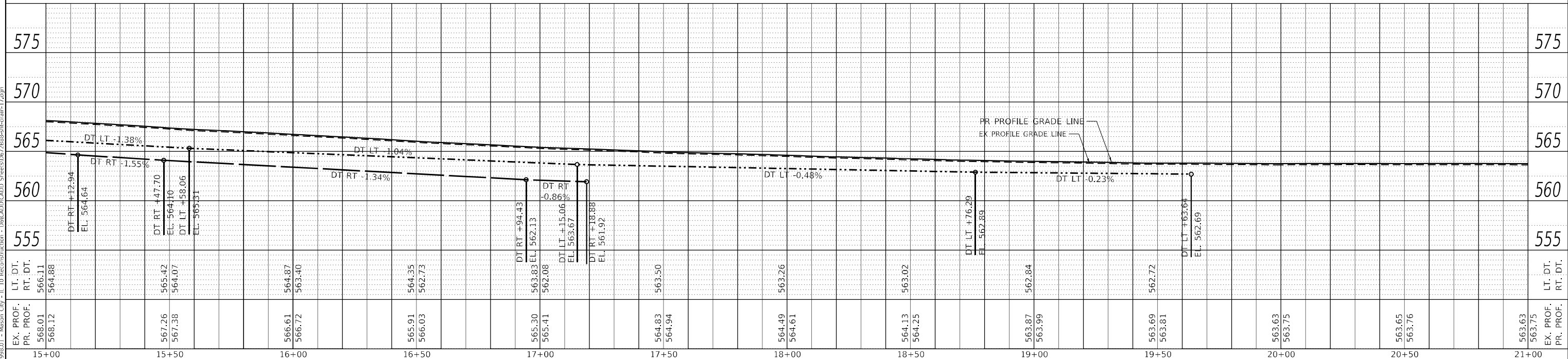
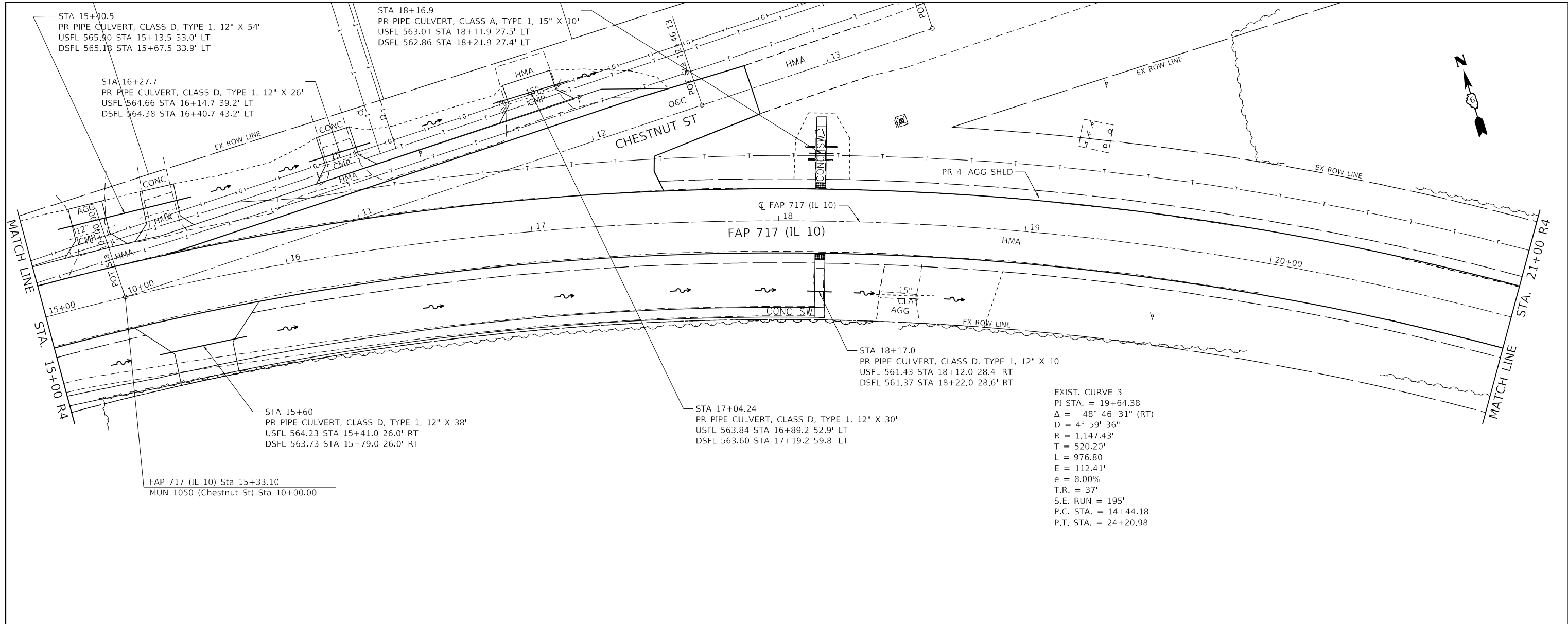
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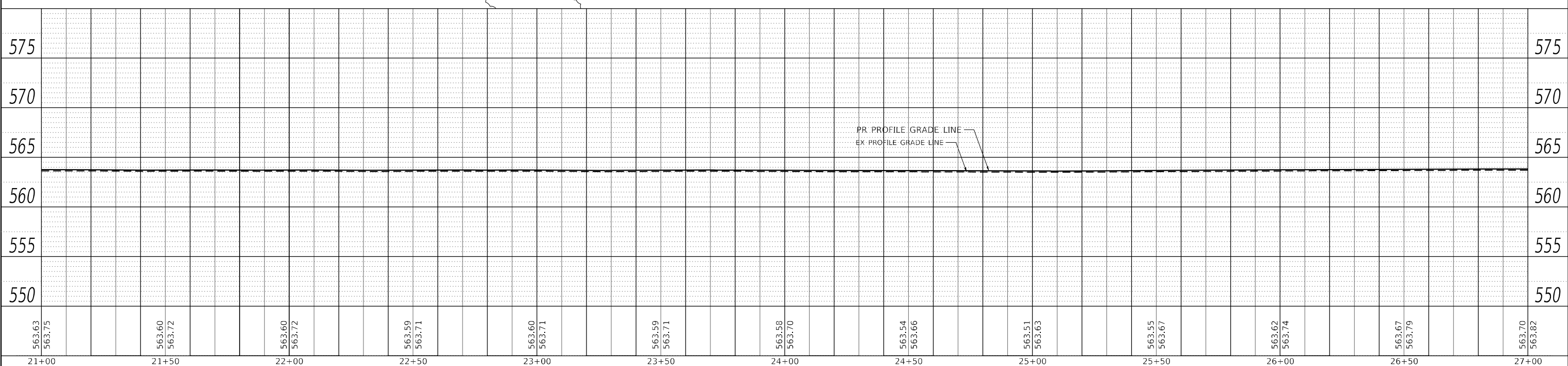
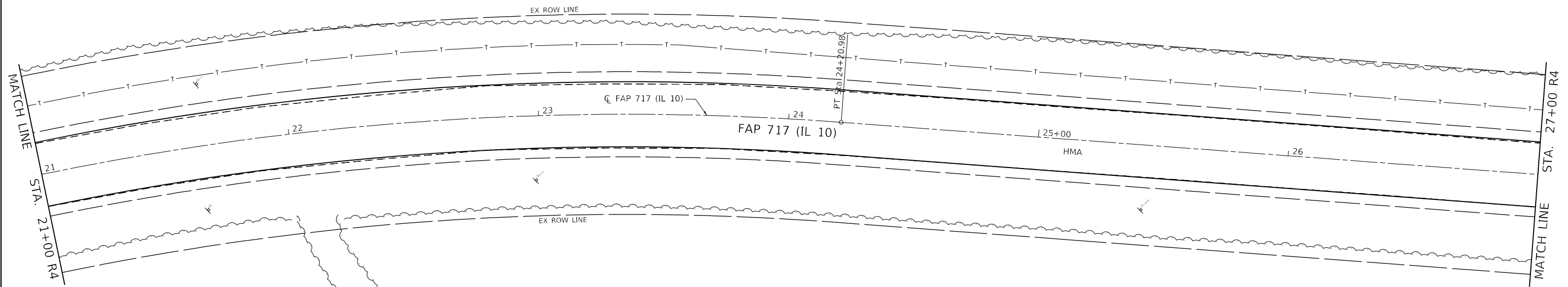
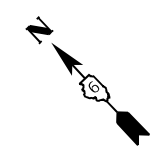
Hutchinson Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 717 (IL 10) DRAINAGE AND UTILITIES PLAN & PROFILES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40,0000' / in.	DRAWN - RMD	REVISED -										
	PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -										
		DATE - 04/17/2023	REVISED -			SCALE: H=20 V=5	SHEET 16 OF 19 SHEETS	STA. 9+00 R4 TO STA. 15+00 R4	ILLINOIS FED. AID PROJECT FAP 717, 658, 581 43 (IL10, 29, 10 SPUR) (42)R, SW; (4RS-6, 101RS-4)CR				

DATE	
BY	
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DATE	
BY	
PROFILE	
NO.	



EX. PROF. PR. PROF.	568.01 568.12	565.42 564.07	566.61 566.72	565.91 566.03	565.30 565.41	564.83 564.94	564.49 564.61	564.13 564.25	563.87 563.99	563.69 563.81	563.63 563.75	563.65 563.76	563.63 563.75
LT. DT. RT. DT.	566.11 564.88	564.07 564.10	566.72 566.73	566.03 562.73	565.41 562.08	564.94 563.50	564.61 563.26	564.25 563.02	563.99 562.84	563.81 562.72	563.75 563.63	563.76 563.65	563.75 563.63



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
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PROFILE	SURVEYED	DATE
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21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00
563.63 563.75	563.60 563.72	563.60 563.72	563.59 563.71	563.60 563.71	563.59 563.71	563.58 563.70	563.54 563.66	563.51 563.63	563.55 563.67	563.62 563.74	563.67 563.79	563.70 563.82

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
DRAINAGE AND UTILITIES PLAN & PROFILES

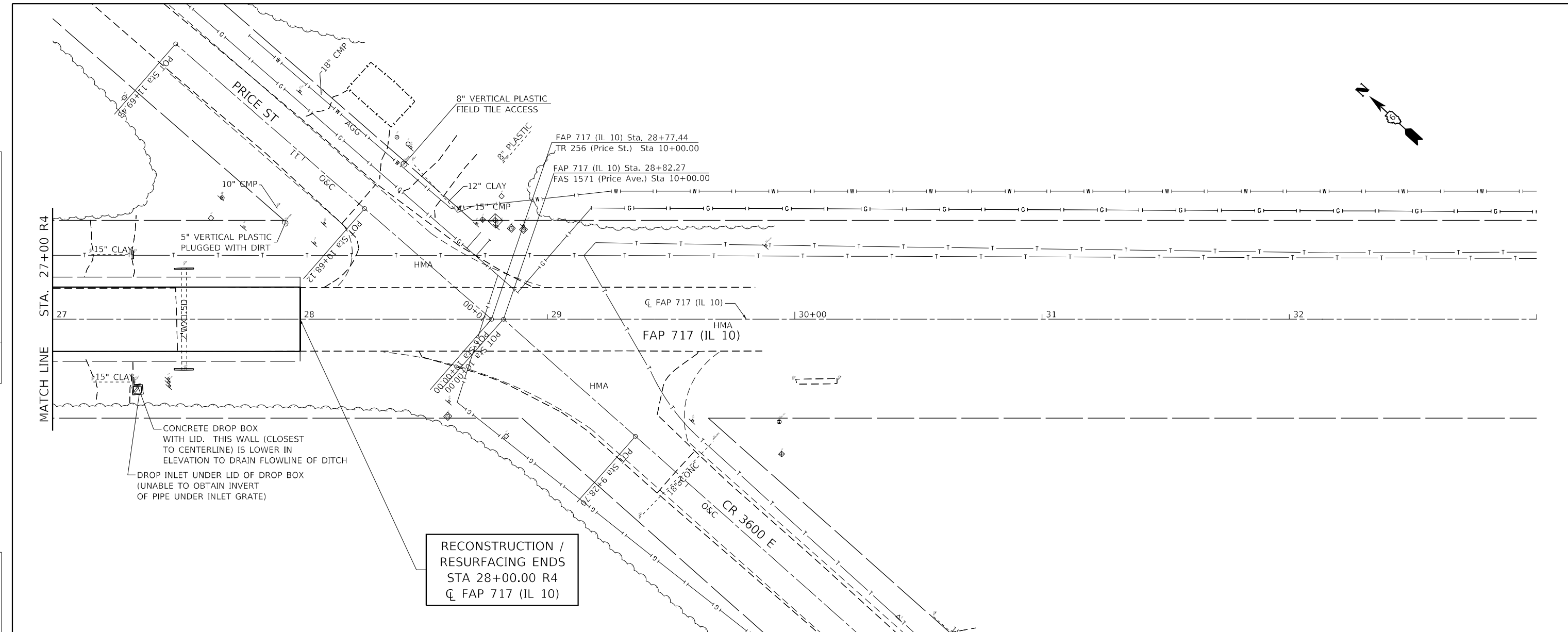
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	131
CONTRACT NO. 72B88				

SCALE: H=20 V=5 SHEET 18 OF 19 SHEETS STA. 21+00 R4 TO STA. 27+00 R4

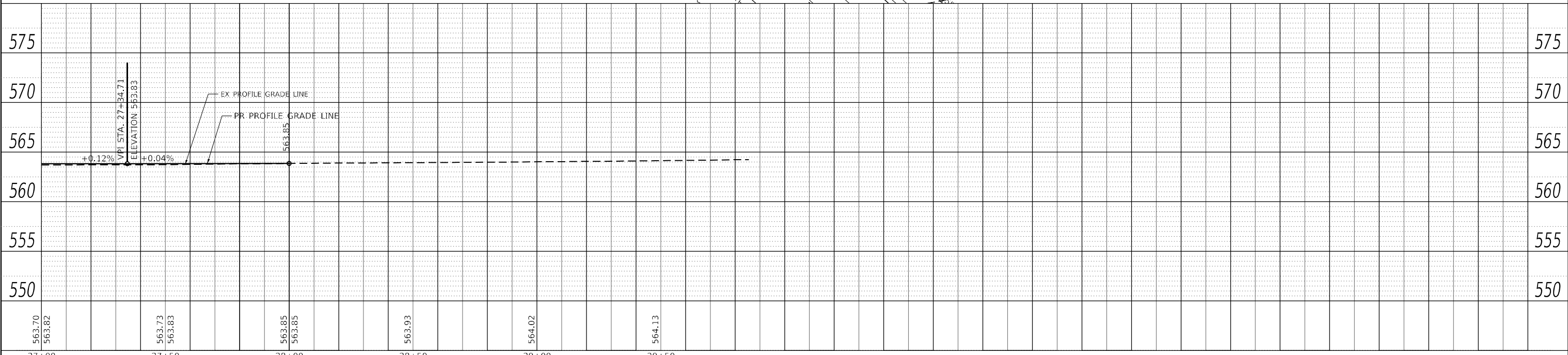
ILLINOIS FED. AID PROJECT
 FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
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RECONSTRUCTION /
RESURFACING ENDS
STA 28+00.00 R4
CL FAP 717 (IL 10)



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Hutchinson Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME =	BDeCrane
DESIGNED -	LDZ
DRAWN -	RMD
CHECKED -	JW
DATE -	04/17/2023
PLLOT SCALE =	40,0000 * / in.
PLLOT DATE =	5/18/2023

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

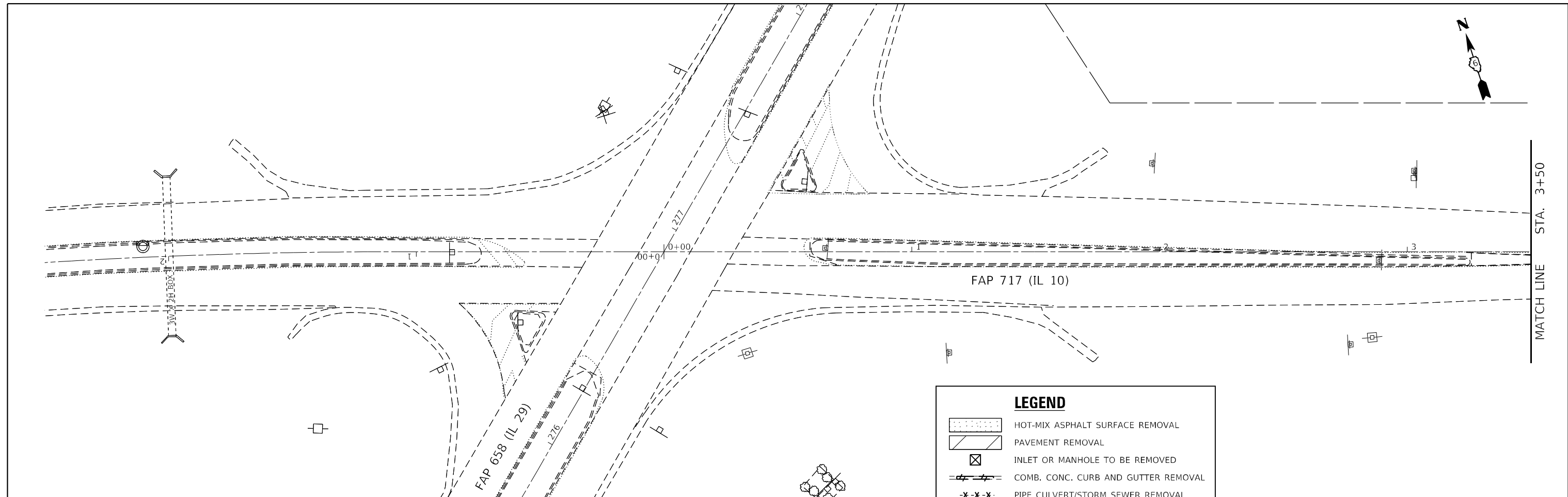
**FAP 717 (IL 10)
DRAINAGE AND UTILITIES PLAN & PROFILES**

SCALE: H=20 V=5 SHEET 19 OF 19 SHEETS STA. 27+00 R4 TO STA. 33+00 R4












F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	132
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

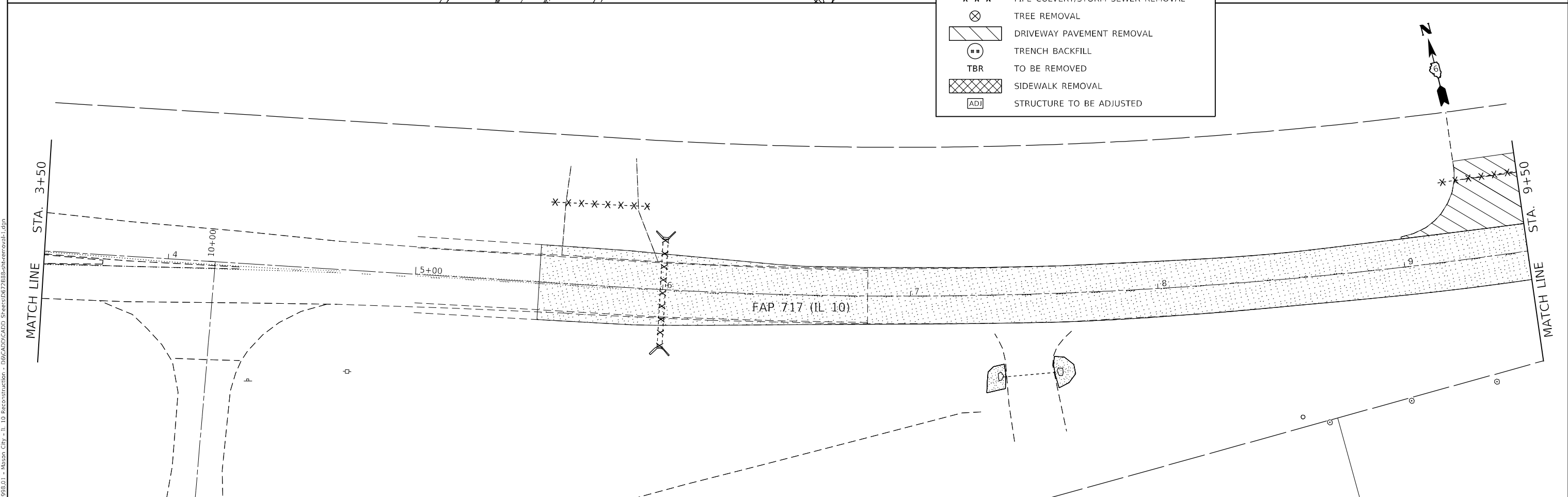
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR

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LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL
-  PAVEMENT REMOVAL
-  INLET OR MANHOLE TO BE REMOVED
-  COMB. CONC. CURB AND GUTTER REMOVAL
-  PIPE CULVERT/STORM SEWER REMOVAL
-  TREE REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  TRENCH BACKFILL
-  TO BE REMOVED
-  SIDEWALK REMOVAL
-  STRUCTURE TO BE ADJUSTED



USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

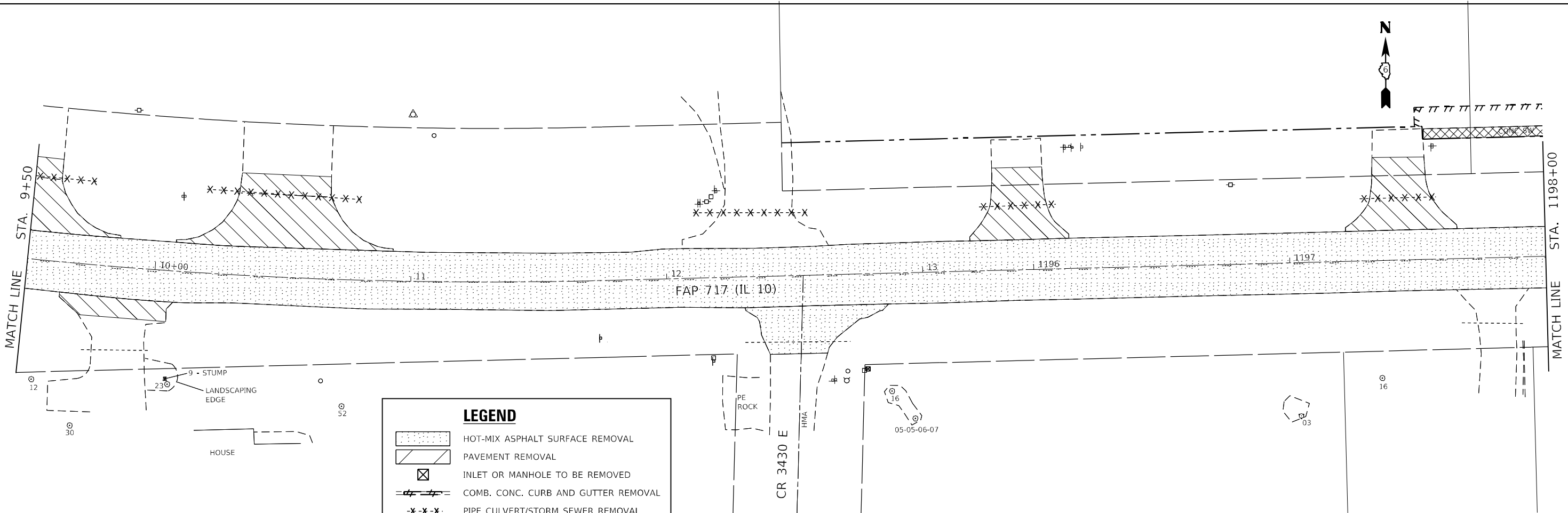
**FAP 717 (IL 10)
 REMOVAL PLANS**

SCALE: 1"=20' SHEET 1 OF 10 SHEETS STA. 0+00 R1 TO STA. 9+50 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	133
CONTRACT NO. 72B88				

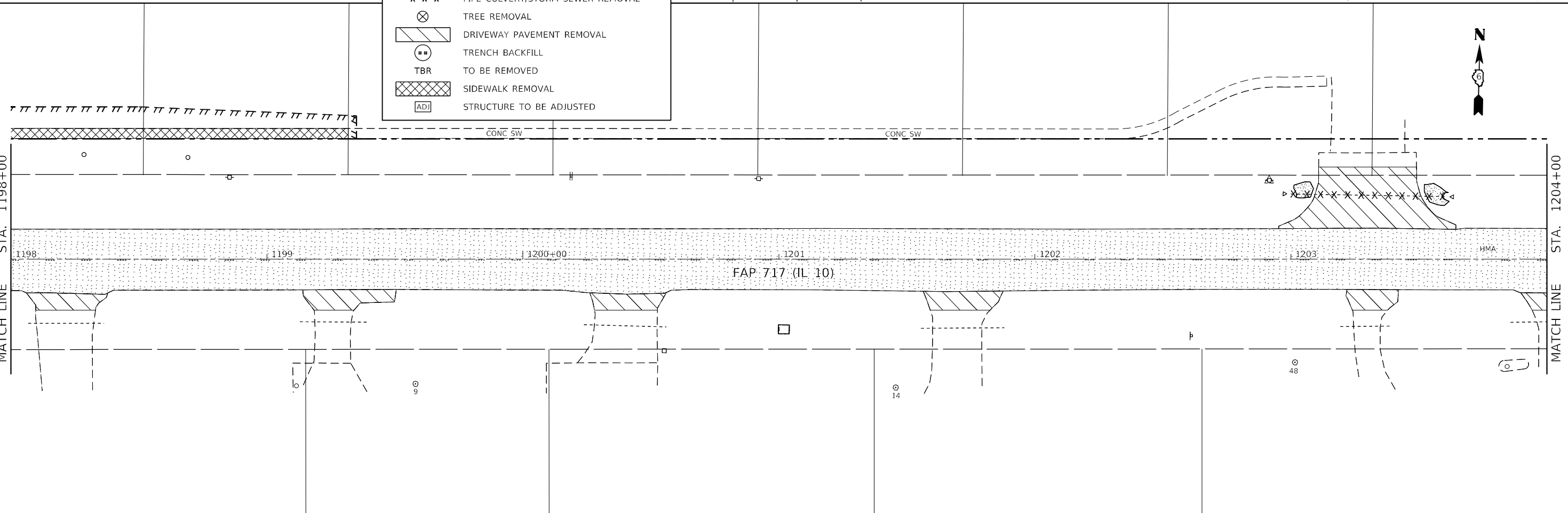
ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW: (4RS-6,101RS-4)CR

MODEL: D:\p\h
 FILE NAME: V:\1998.01 - Mason, City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\6672888\sheetremoval2.dgn



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TRENCH BACKFILL
- TO BE REMOVED
- SIDEWALK REMOVAL
- STRUCTURE TO BE ADJUSTED



USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

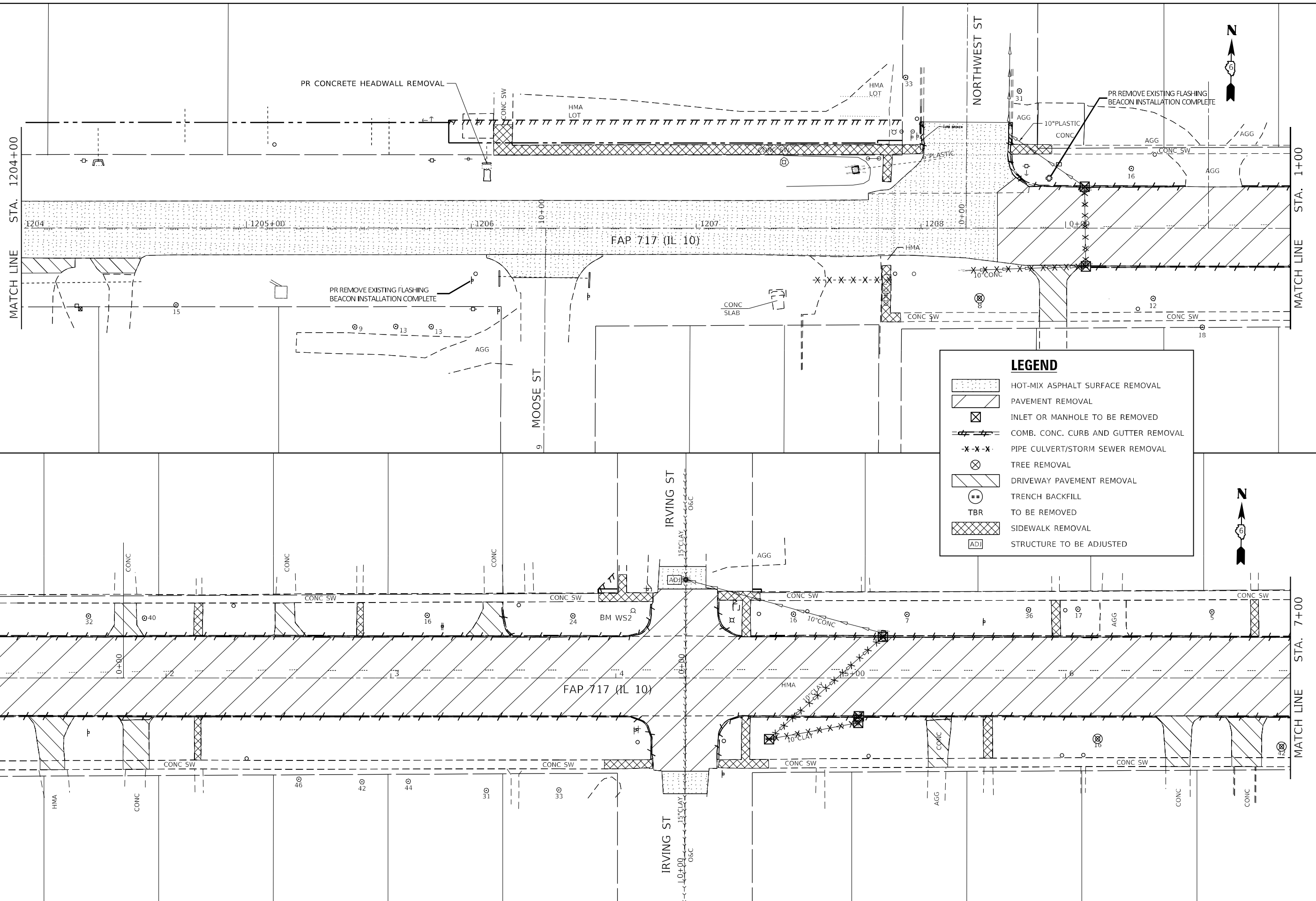
**FAP 717 (IL 10)
 REMOVAL PLANS**

SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA. 9+50 R1 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	134
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R.S.W: (4RS-6,101RS-4)CR

MODEL: D:\p\h\h
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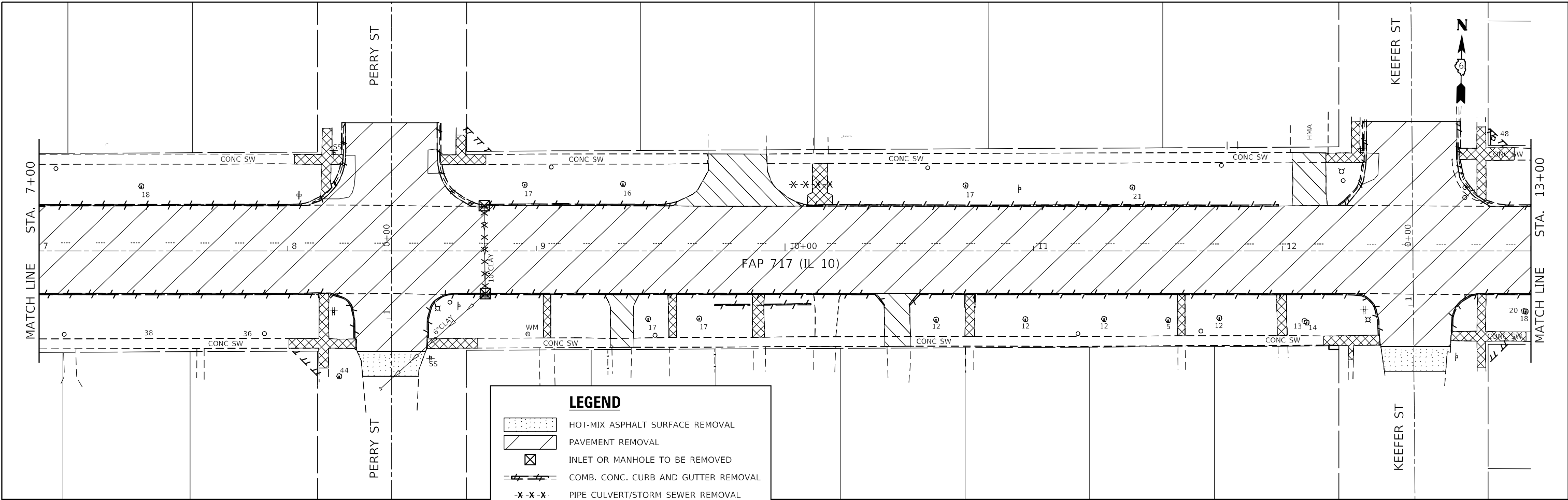
USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
 REMOVAL PLANS**

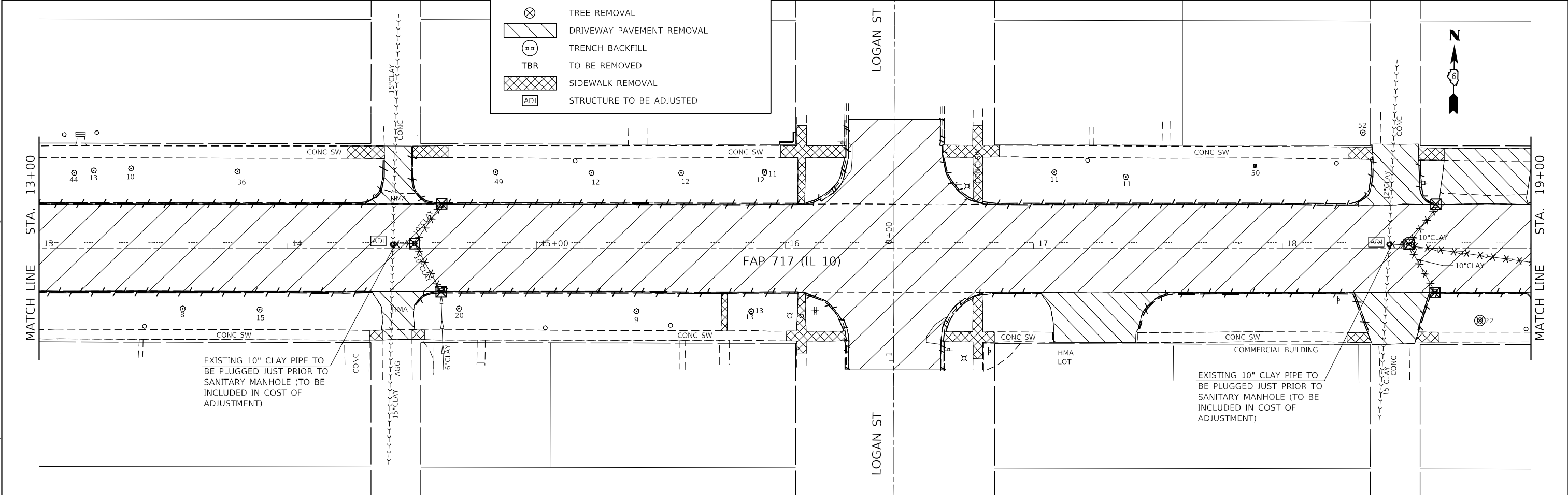
SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA. 1204+00 R2 TO STA. 7+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	135
CONTRACT NO. 72B88				



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TRENCH BACKFILL
- TBR
- SIDEWALK REMOVAL
- STRUCTURE TO BE ADJUSTED



EXISTING 10" CLAY PIPE TO BE PLUGGED JUST PRIOR TO SANITARY MANHOLE (TO BE INCLUDED IN COST OF ADJUSTMENT)

EXISTING 10" CLAY PIPE TO BE PLUGGED JUST PRIOR TO SANITARY MANHOLE (TO BE INCLUDED IN COST OF ADJUSTMENT)

MODEL: D:\p\h\... FILE NAME: V:\9908.01 - Mason_City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\6672888\sheetremoval.dgn

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

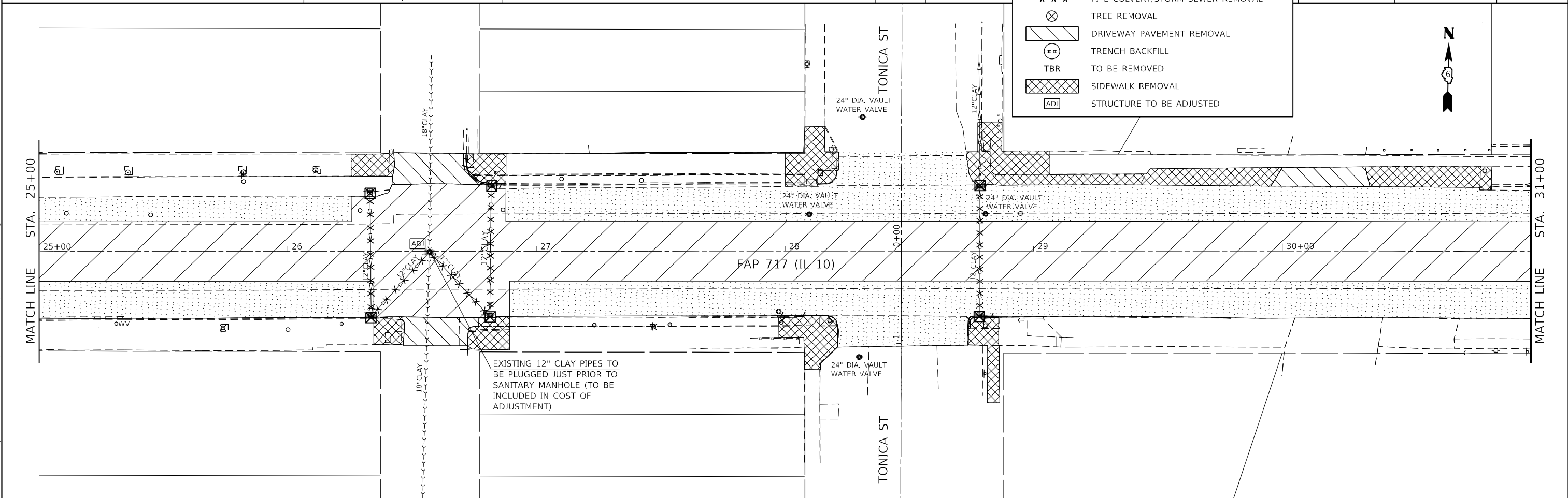
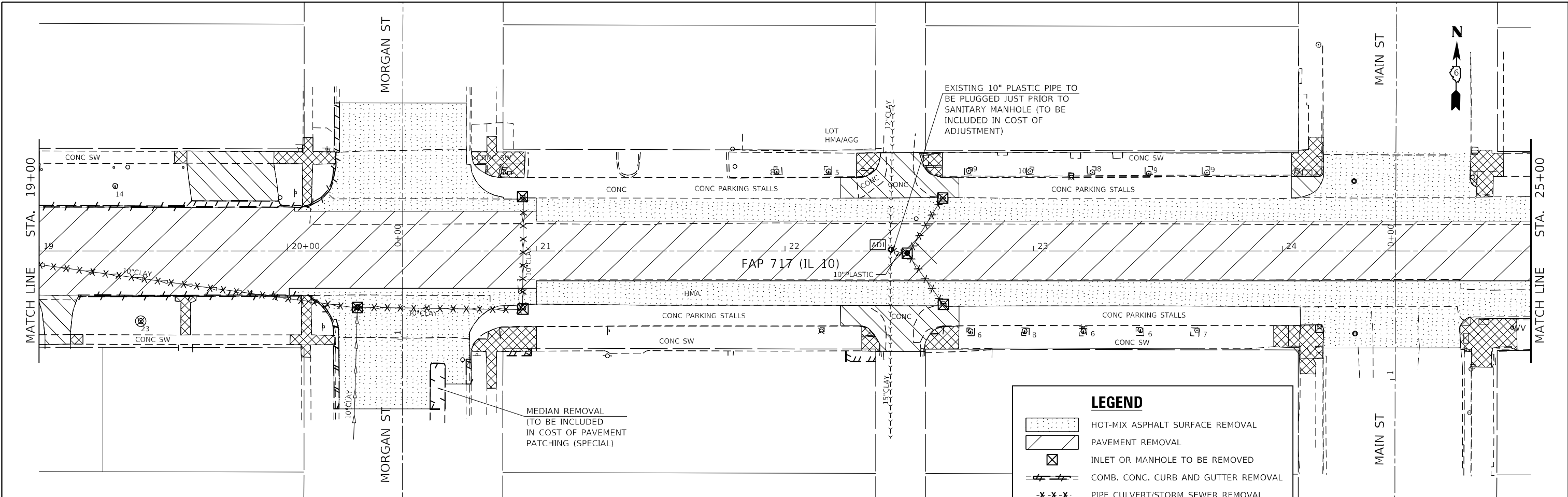
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
REMOVAL PLANS**

SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA. 7+00 R3 TO STA. 19+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	136
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TRENCH BACKFILL
- TO BE REMOVED
- SIDEWALK REMOVAL
- STRUCTURE TO BE ADJUSTED

MODEL: D:\p\h\...
 FILE NAME: 041908.01 - Mason_City - IL 10 Reconstruction - D81CADD\CADD_Sheets\0672888\sheetremoval5.dgn

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/23/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

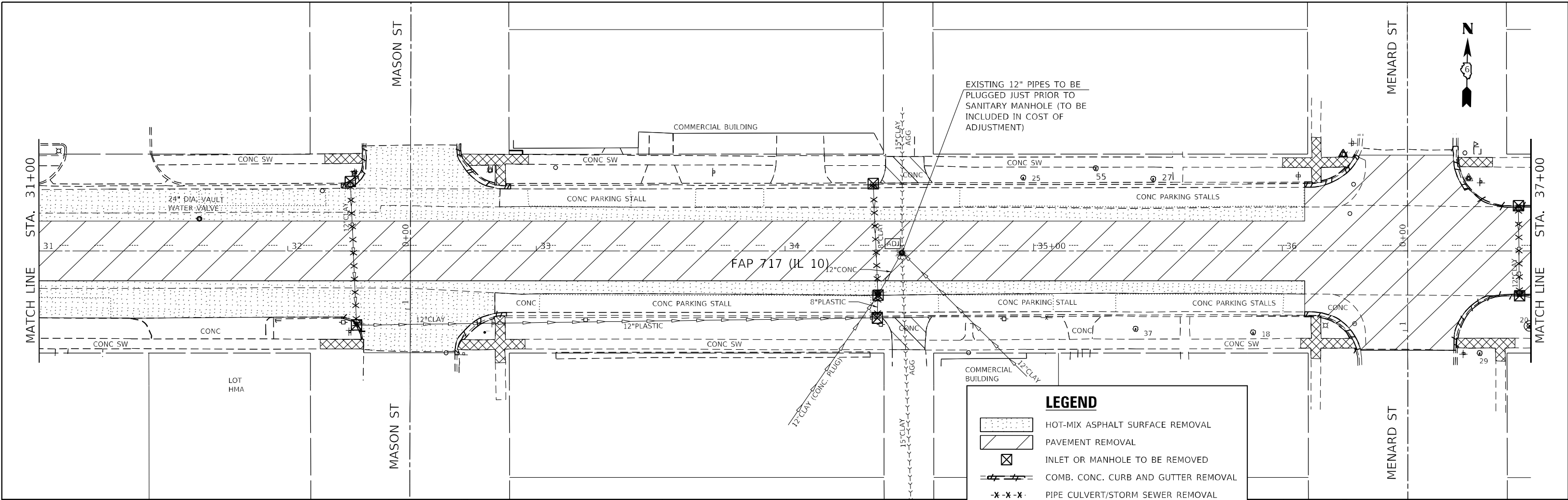
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
REMOVAL PLANS

SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. 19+00 R3 TO STA. 31+00 R3

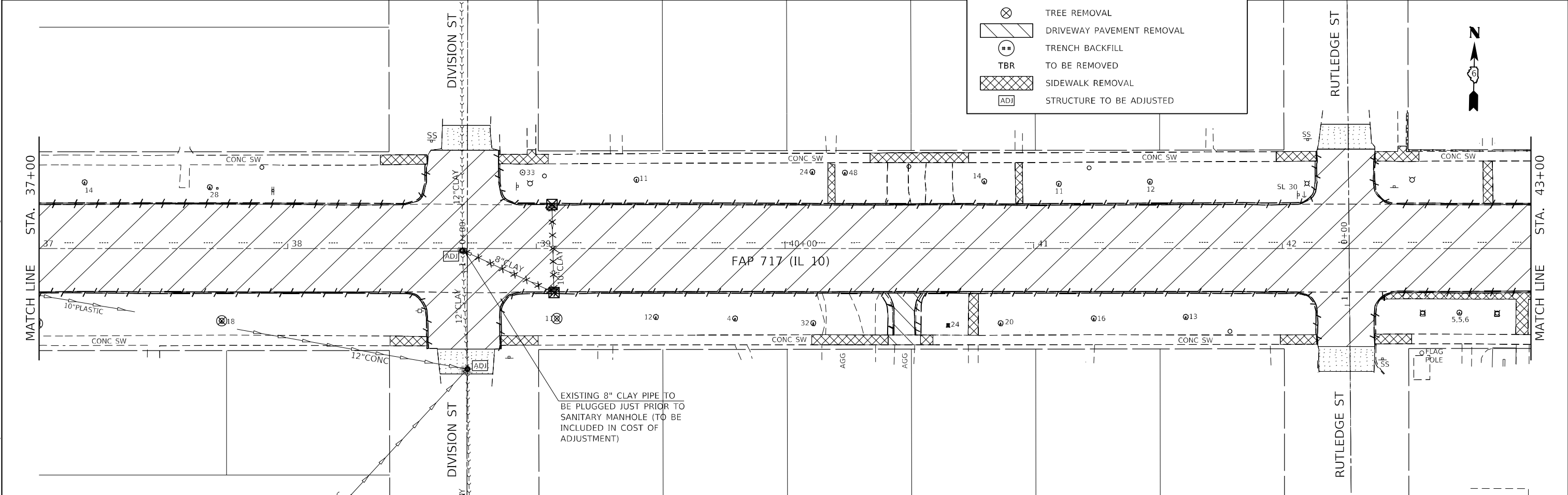
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	137
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TRENCH BACKFILL
- TO BE REMOVED
- SIDEWALK REMOVAL
- STRUCTURE TO BE ADJUSTED



MODEL: D:\p\h\...
 FILE NAME: ...
 MODEL: D:\p\h\...
 FILE NAME: ...

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISOR -	REVISOR -
PLOT SCALE = 40,0000 * / in.	CHECKED - JW	REVISOR -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISOR -

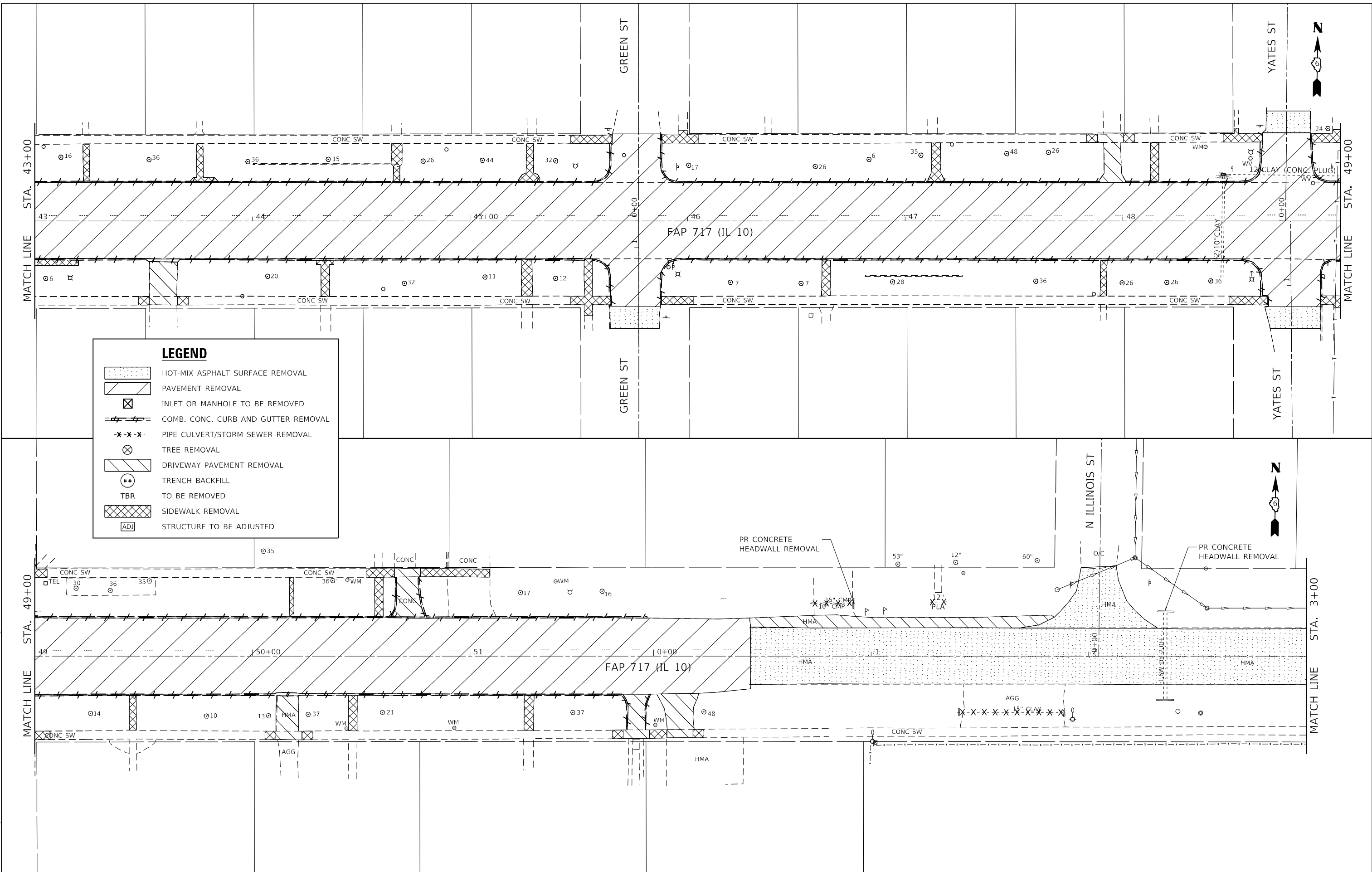
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
REMOVAL PLANS
 SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. 31+00 R3 TO STA. 43+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	138
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 5BI 43 (IL10, 29, 10 SPUR)
 (42)R, SW; (4RS-6, 101RS-4)CR

MODEL: D:\p\h\...
 FILE NAME: V:\1998.01 - Mason City - IL - 10 Reconstruction - DB\CADD\CADD_Sheets\67288\sheetremoval7.dgn



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL
	PAVEMENT REMOVAL
	INLET OR MANHOLE TO BE REMOVED
	COMB. CONC. CURB AND GUTTER REMOVAL
	PIPE CULVERT/STORM SEWER REMOVAL
	TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TRENCH BACKFILL
	TO BE REMOVED
	SIDEWALK REMOVAL
	STRUCTURE TO BE ADJUSTED

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

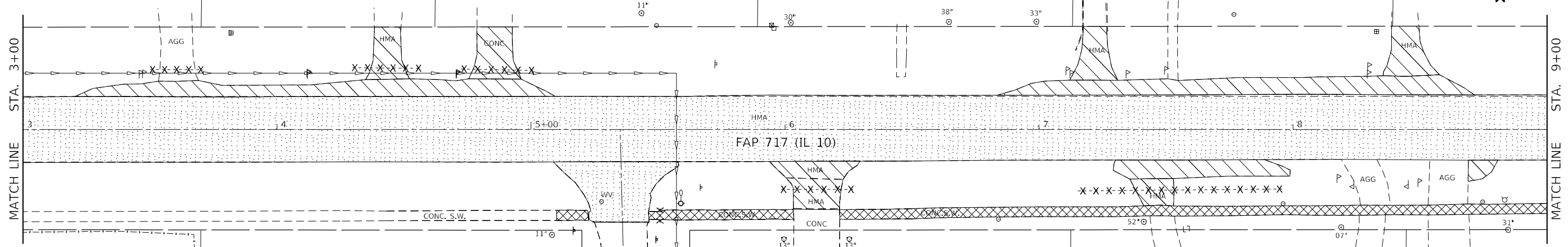
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
 REMOVAL PLANS**

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 43+00 R3 TO STA. 3+00 R4

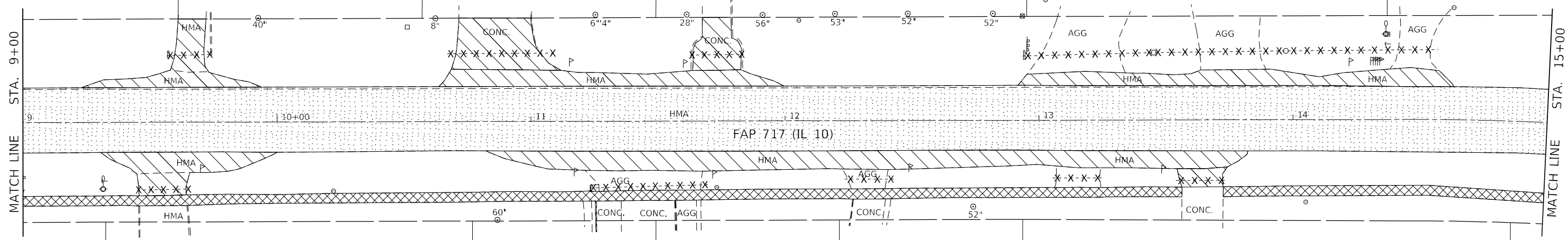
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	139
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL
	PAVEMENT REMOVAL
	INLET OR MANHOLE TO BE REMOVED
	COMB. CONC. CURB AND GUTTER REMOVAL
	PIPE CULVERT/STORM SEWER REMOVAL
	TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	TRENCH BACKFILL
	TO BE REMOVED
	SIDEWALK REMOVAL
	STRUCTURE TO BE ADJUSTED



MODEL: Default
 FILE NAME: \\s09801 - Mason City - IL 10 Reconstruction - DBICADD\CADD_Sheets\0672888-shr-remove\18.dgn

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
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PLOT SCALE = 40,0000 * / in.	DATE - 04/17/2023	REVISED -
PLOT DATE = 5/18/2023		

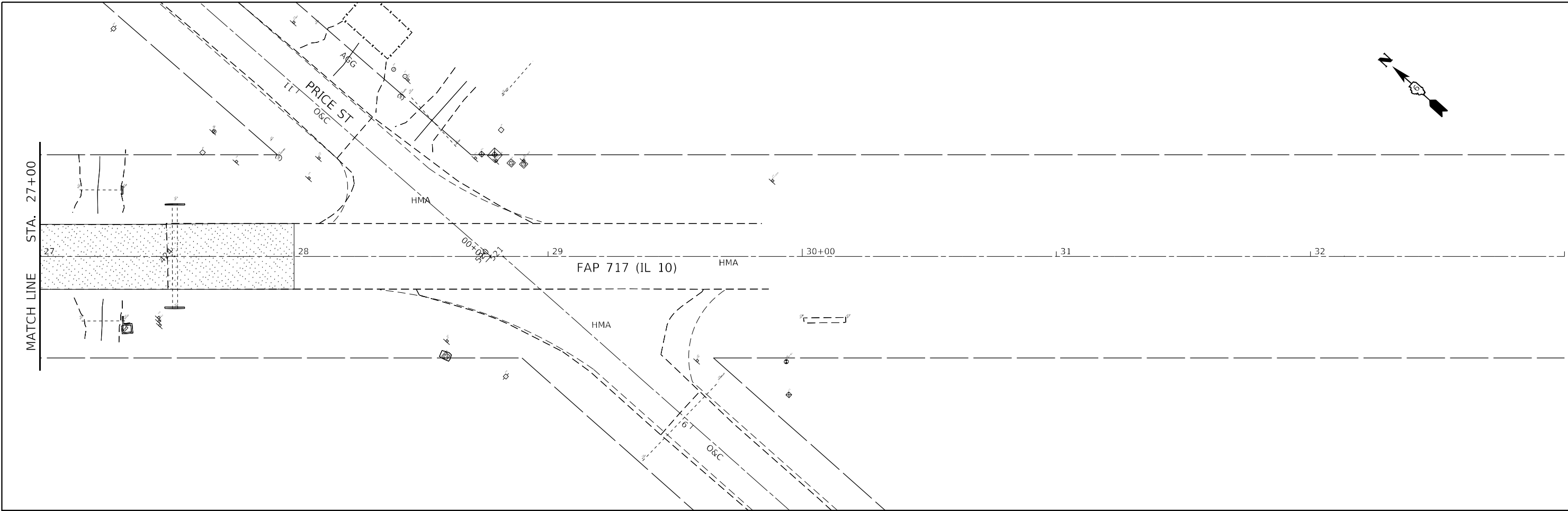
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
REMOVAL PLANS**

SCALE: 1"=20' SHEET 8 OF 10 SHEETS STA. 3+00 R4 TO STA. 15+00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	140
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
(42)R,SW: (4RS-6,101RS-4)CR



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL
- PAVEMENT REMOVAL
- INLET OR MANHOLE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TRENCH BACKFILL
- TBR TO BE REMOVED
- SIDEWALK REMOVAL
- STRUCTURE TO BE ADJUSTED

MODEL: D:\p\h\...
 FILE NAME: V:\1998.01 - Mason City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\667288-sh-hwremoval.dwg

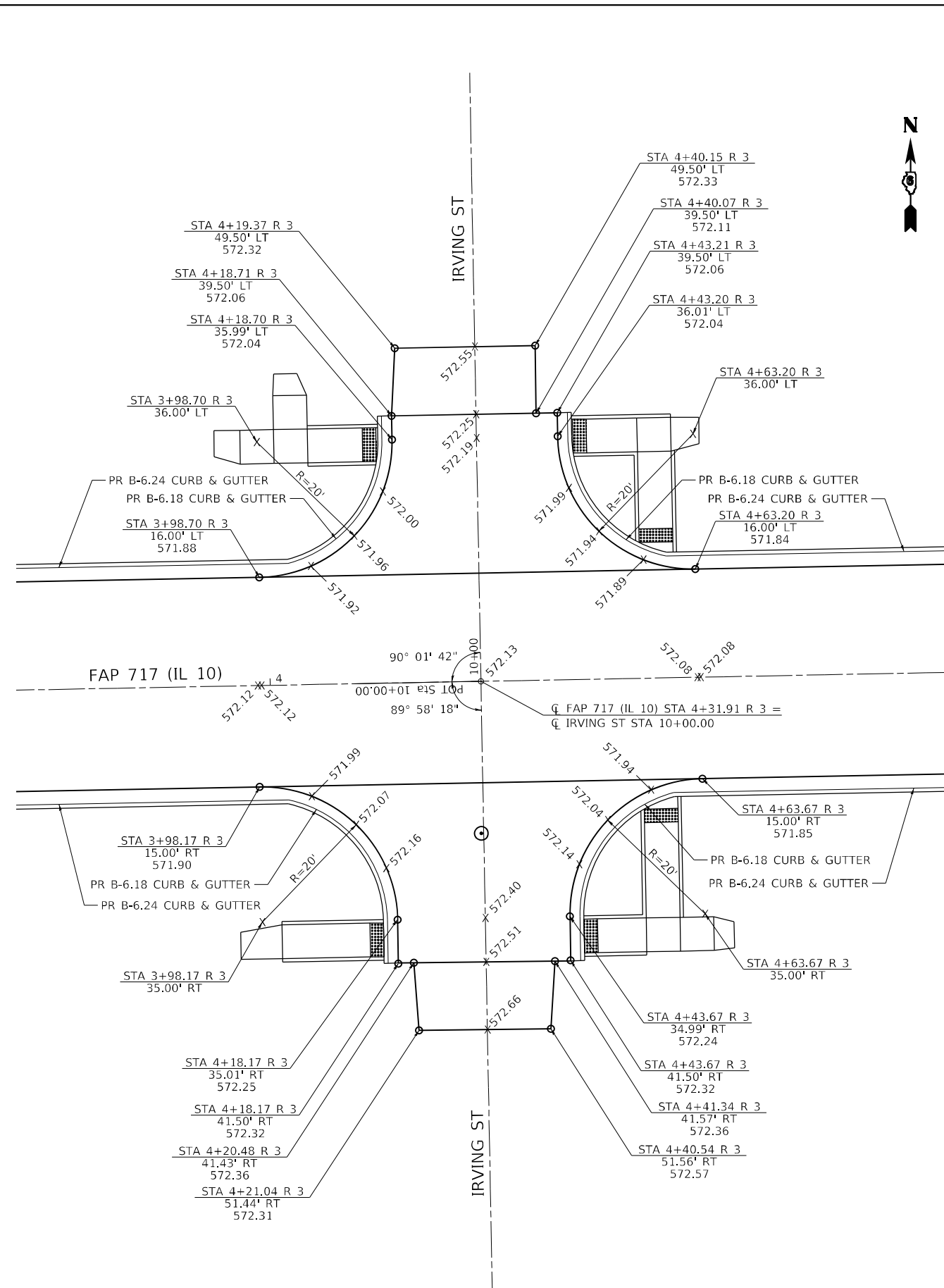
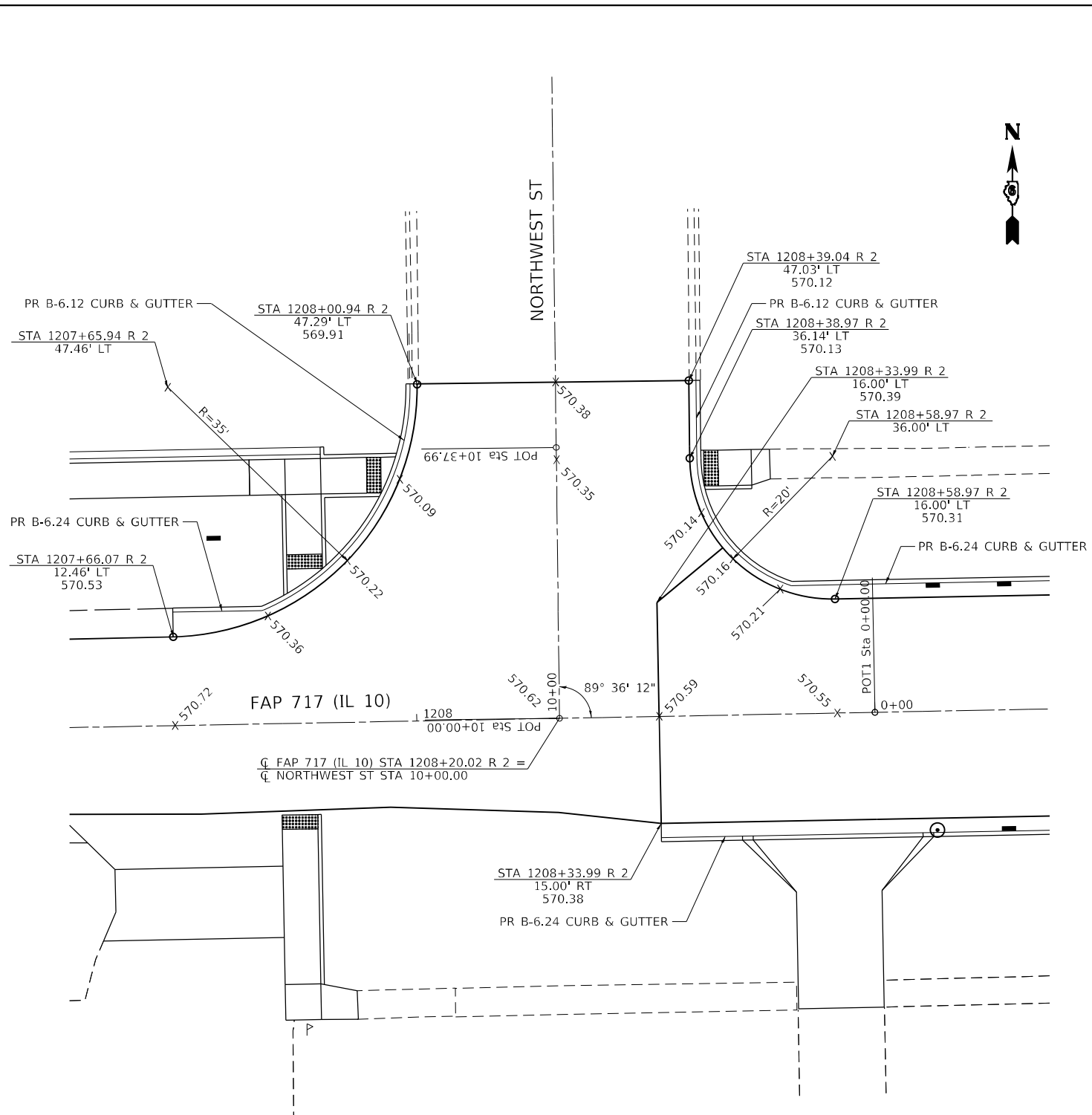
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DRAWN - RMD	CHECKED - JW	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 04/17/2023	REVISED -
PLOT DATE = 5/18/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 717 (IL 10) REMOVAL PLANS	
SCALE: 1"=20'	SHEET 10 OF 10 SHEETS
STA. 27+00 R4	TO STA. 33+00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	142
CONTRACT NO. 72B88				

MODEL: sheet 1
FILE NAME: \\s098.01 - Mason City - IL - 10 Reconstruction - DB/CADD/CADD_Street/067288-sht-intersec1.dgn



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

<p>Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945</p>	USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -	
	DRAWN - RMD	CHECKED - JW	REVISED -	
	PLOT SCALE = 20,0000 * / in.	DATE - 04/17/2023	REVISED -	
	PLOT DATE = 5/18/2023			

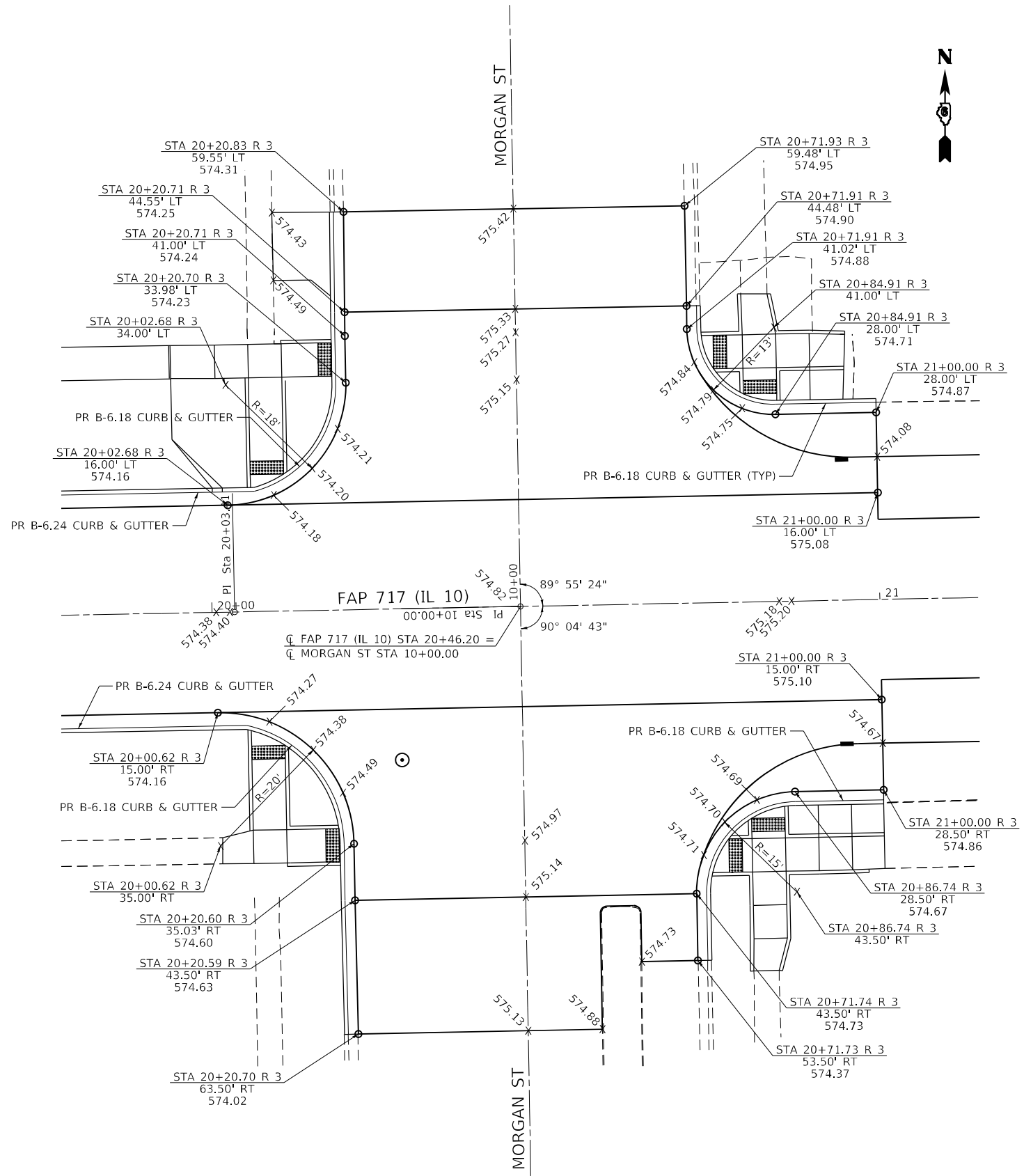
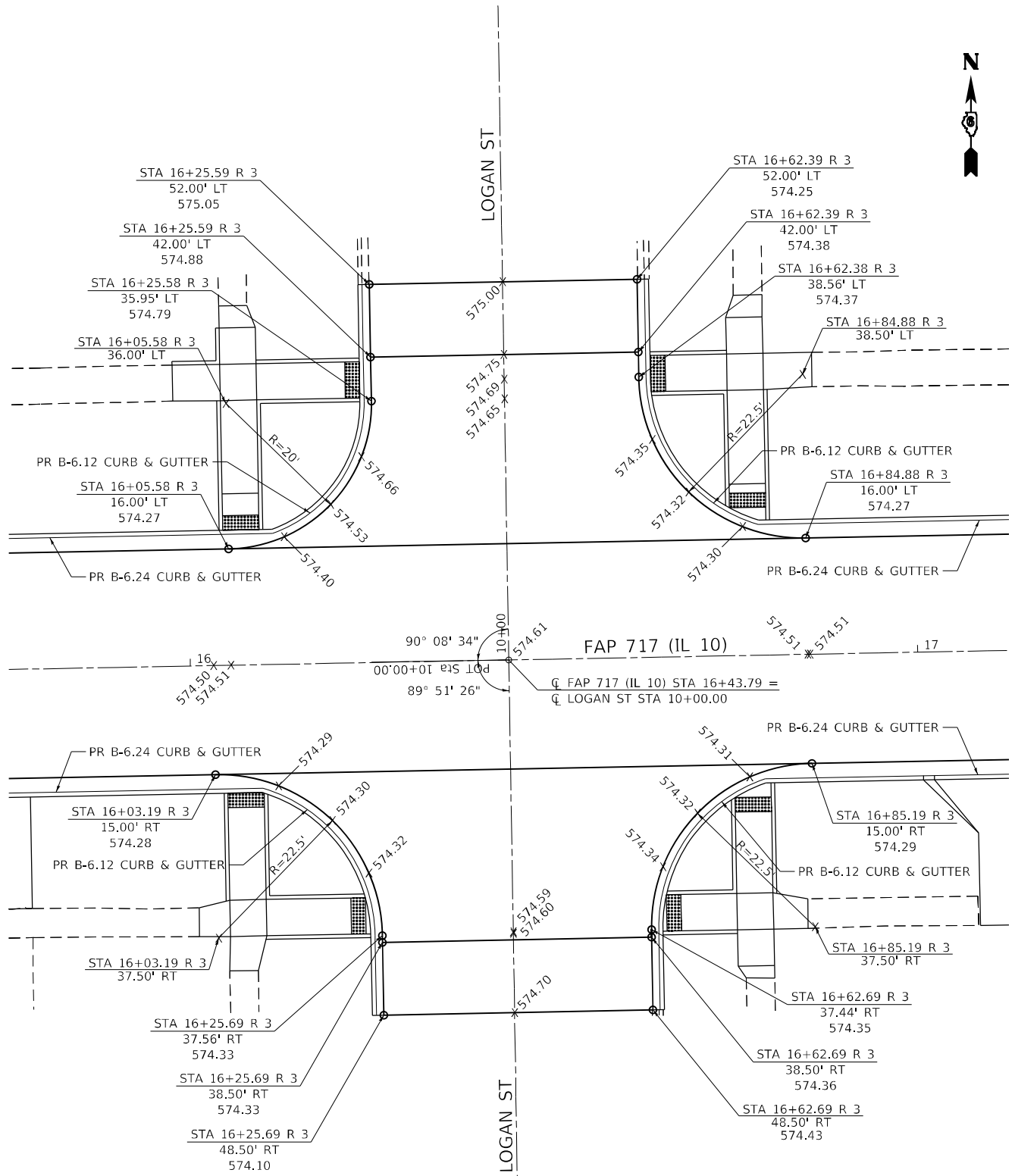
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
INTERSECTION DETAIL**

SCALE: 1"=10' SHEET 1 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	143
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

MODEL: sheet 3
 FILE NAME: \\va0908.01 - mason_city - il_10_reconstruction - DBICADD\CADD_Street\0672888-ent-intersec-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

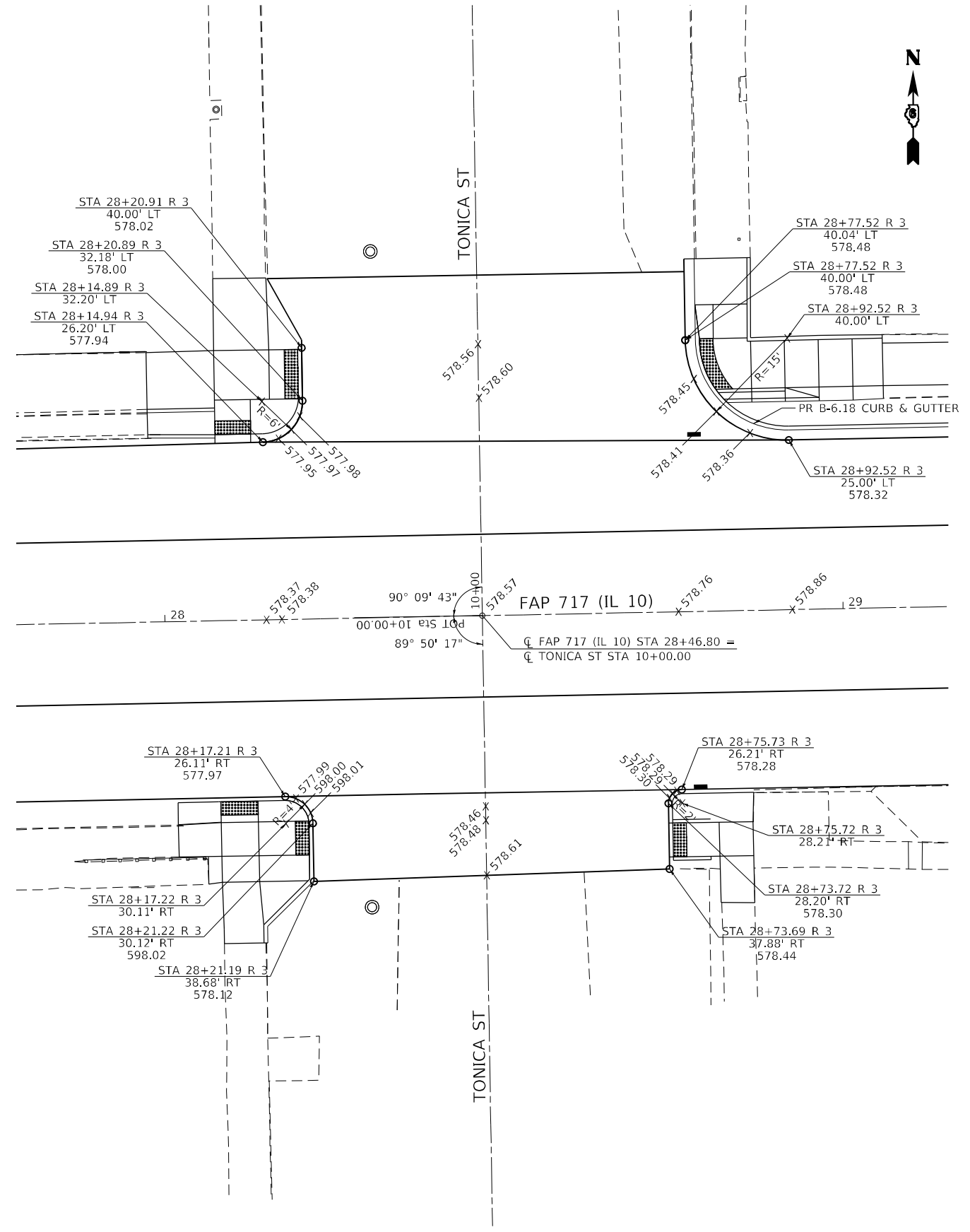
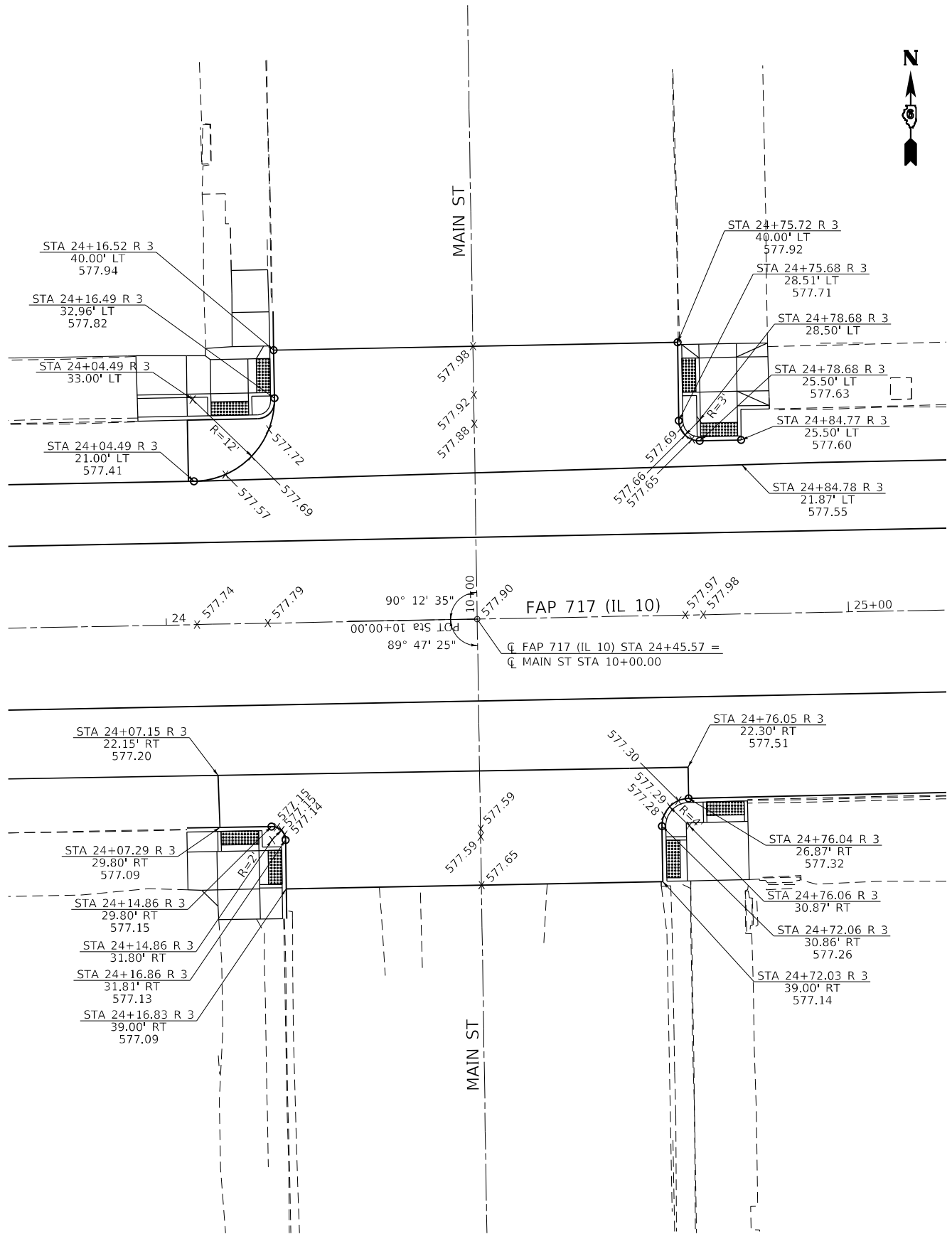
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DRAWN - RMD	CHECKED - JW	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 04/17/2023	REVISED -
PLOT DATE = 5/18/2023		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
INTERSECTION DETAIL

SCALE: 1"=10' SHEET 3 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	145
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)				
(42)R,SW: (4RS-6,101RS-4)CR				



90° 12' 35" 10+00
 89° 47' 25" 00+00+01 ETS 10d
 FAP 717 (IL 10)
 C FAP 717 (IL 10) STA 24+45.57 =
 C MAIN ST STA 10+00.00

90° 09' 43" 10+00
 89° 50' 17" 00+00+01 ETS 10d
 FAP 717 (IL 10)
 C FAP 717 (IL 10) STA 28+46.80 =
 C TONICA ST STA 10+00.00

NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.



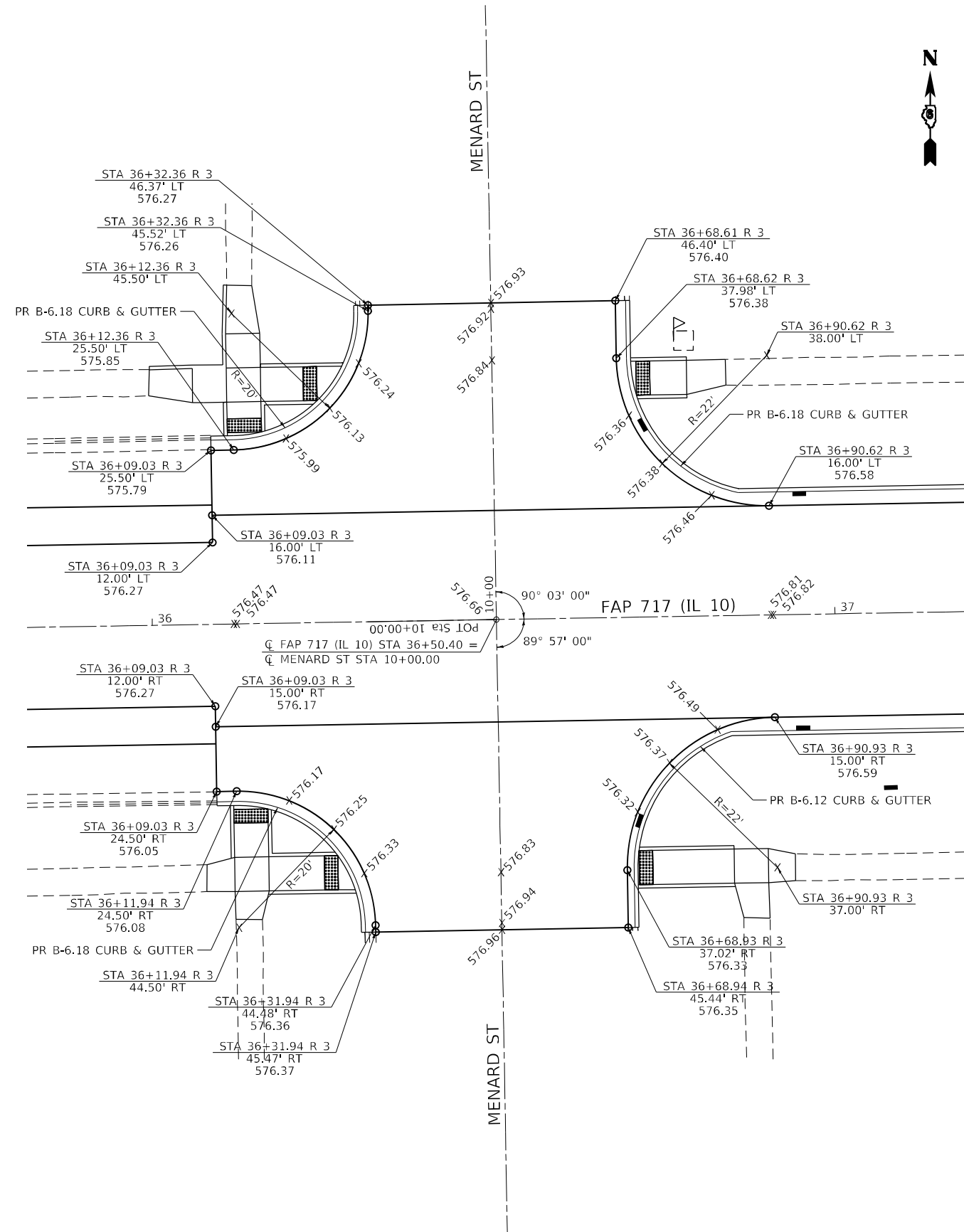
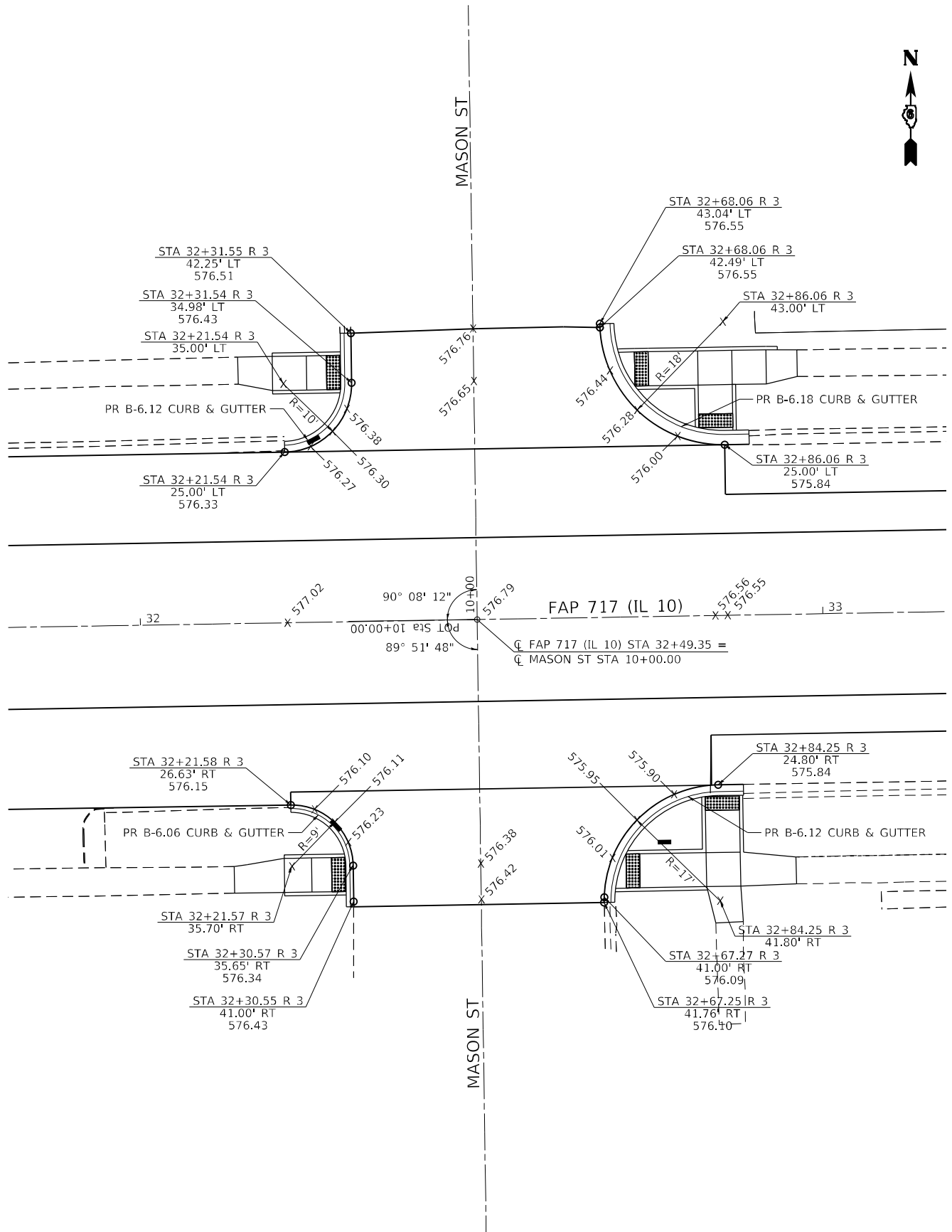
USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
 INTERSECTION DETAIL**

SCALE: 1"=10' SHEET 4 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	146
CONTRACT NO. 72B88				



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

MODEL: sheet 5
 FILE NAME: \\va0908.01 - Mason City - IL - 10 Reconstruction - DBICADD\CADD_Street\0672888-ent-intersec-5.dgn

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

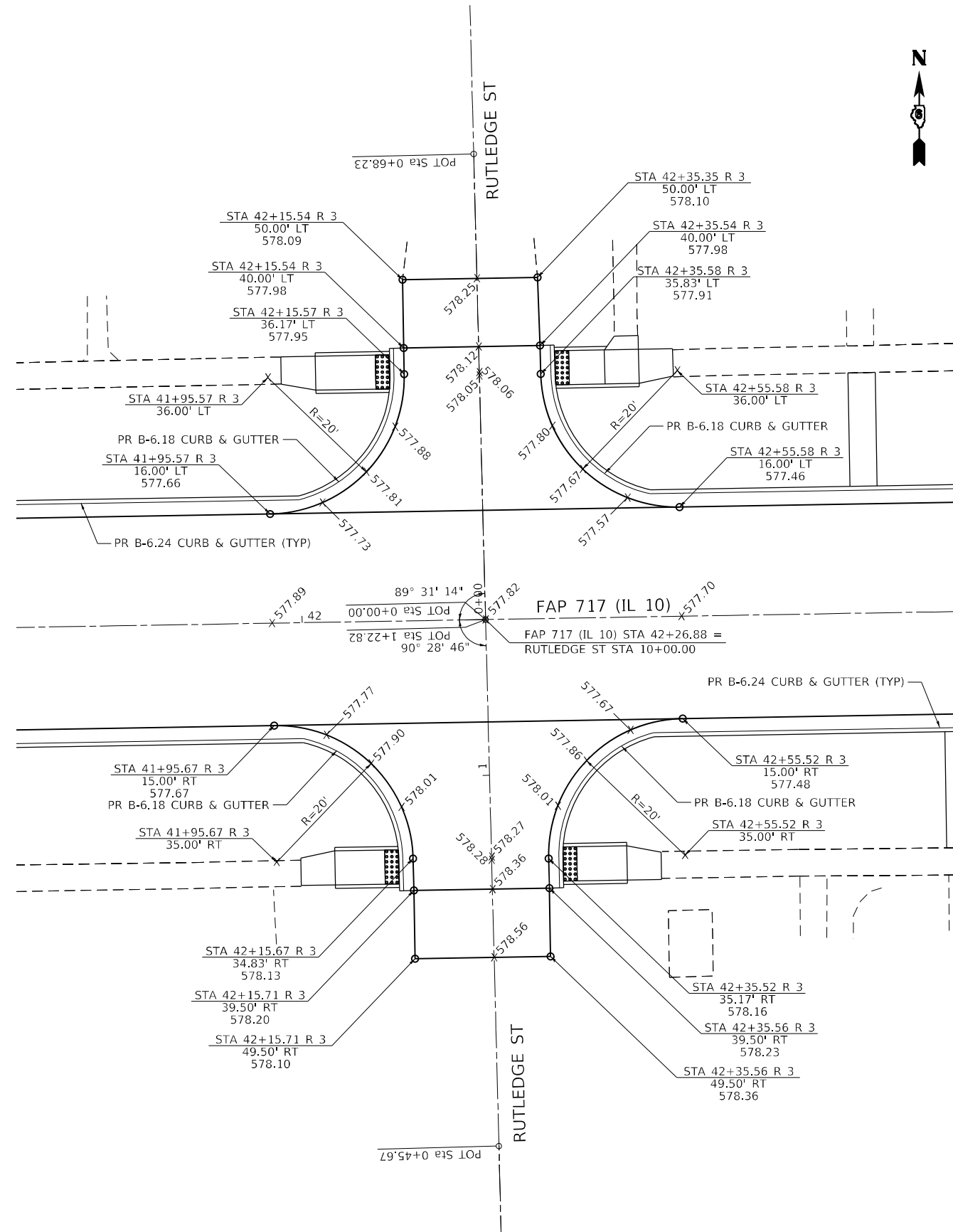
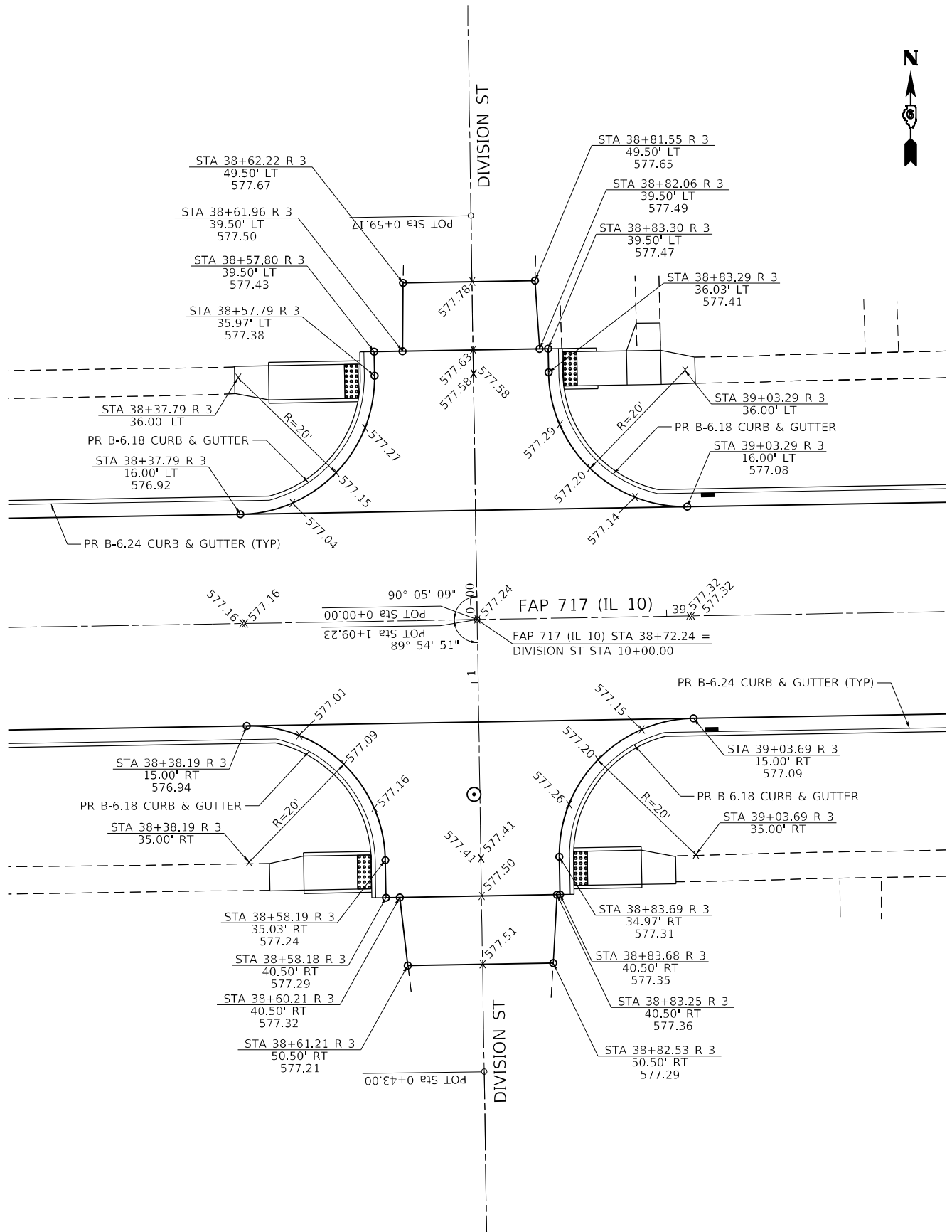
USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
PLOT SCALE = 20,0000' / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)	
INTERSECTION DETAIL	
SCALE: 1"=10'	SHEET 5 OF 7 SHEETS
STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	147
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

MODEL: sheet 6
 FILE NAME: \\s0908.01 - Mason City - IL 10 Reconstruction - DBICADD\CADD_Street\067288-sh-intersec-6.dgn



USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
PLOT SCALE = 20,0000' / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

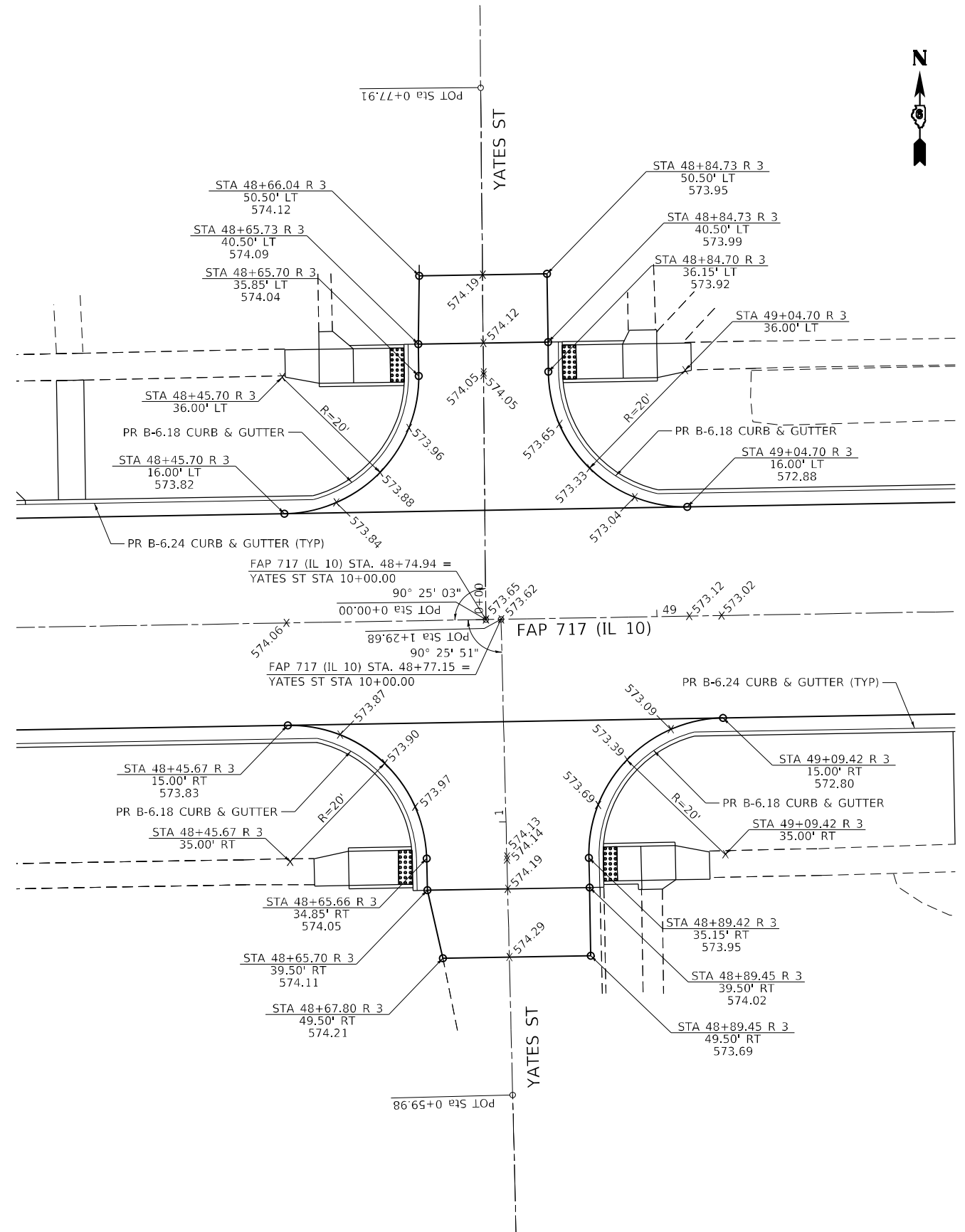
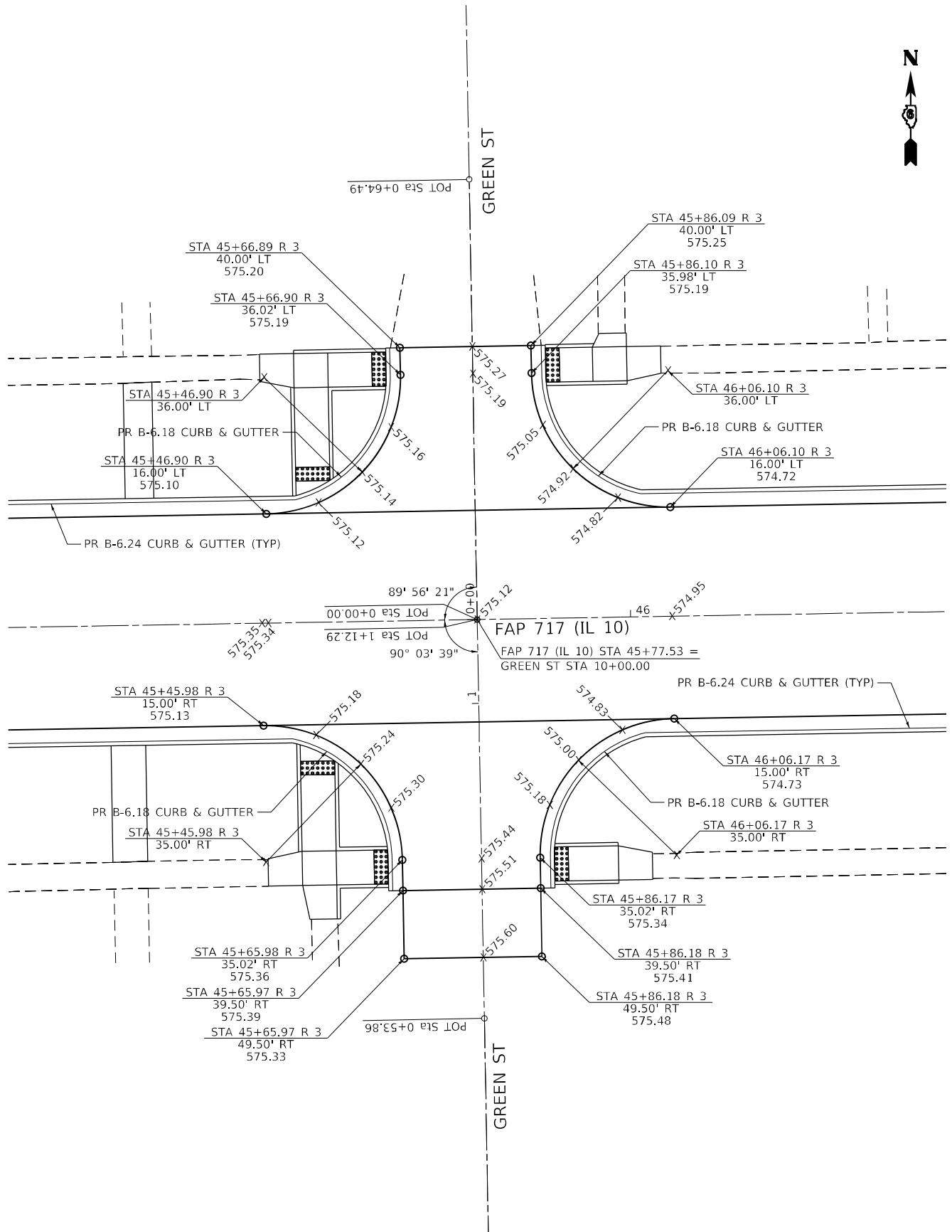
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
INTERSECTION DETAIL

SCALE: 1"=10' SHEET 6 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	148
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

MODEL: sheet 7
 FILE NAME: \\s09801 - Mason City - IL 10 Reconstruction - DBICADD\CADD_Street\067288-sh-intersec-7.dwg



USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
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PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

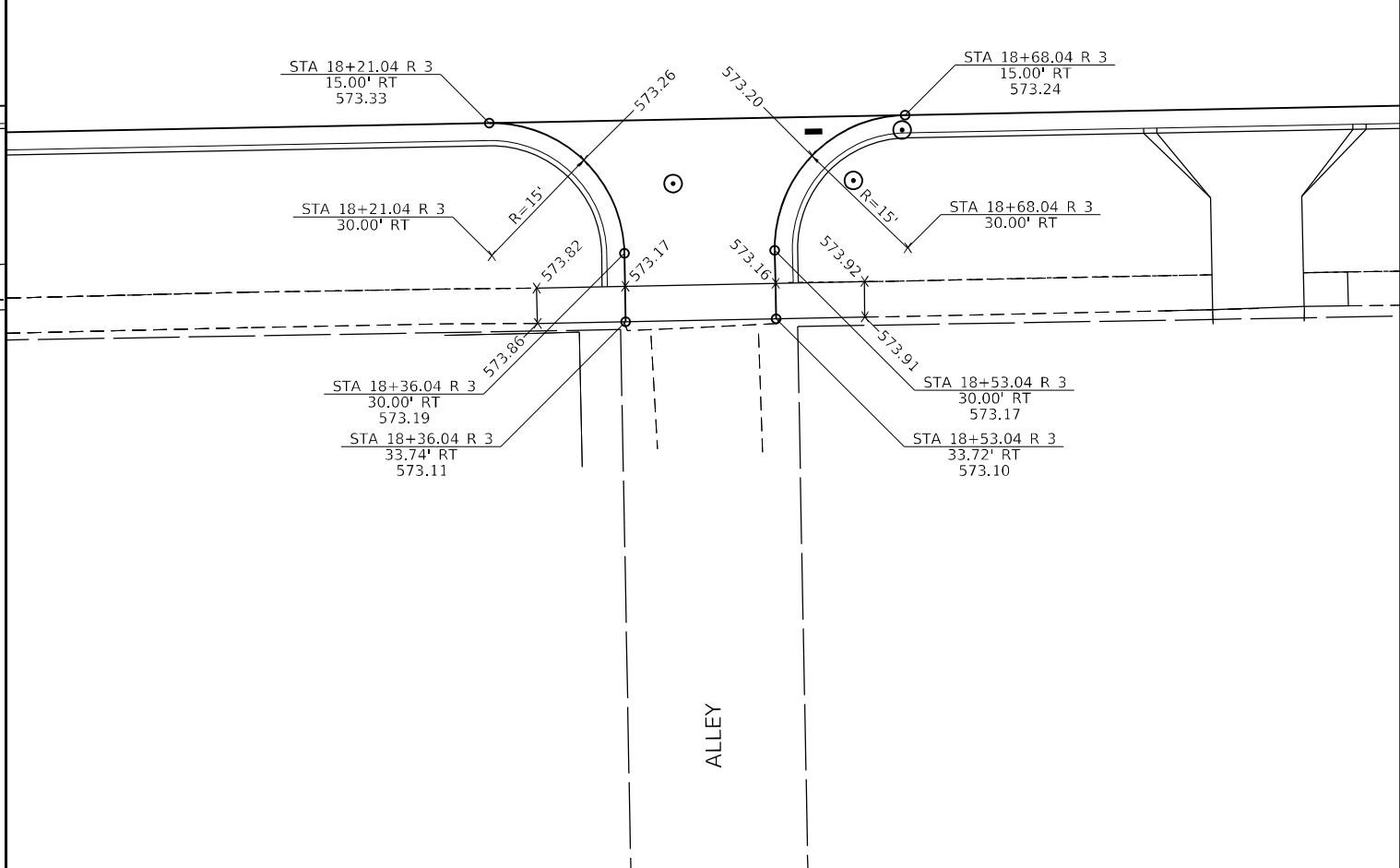
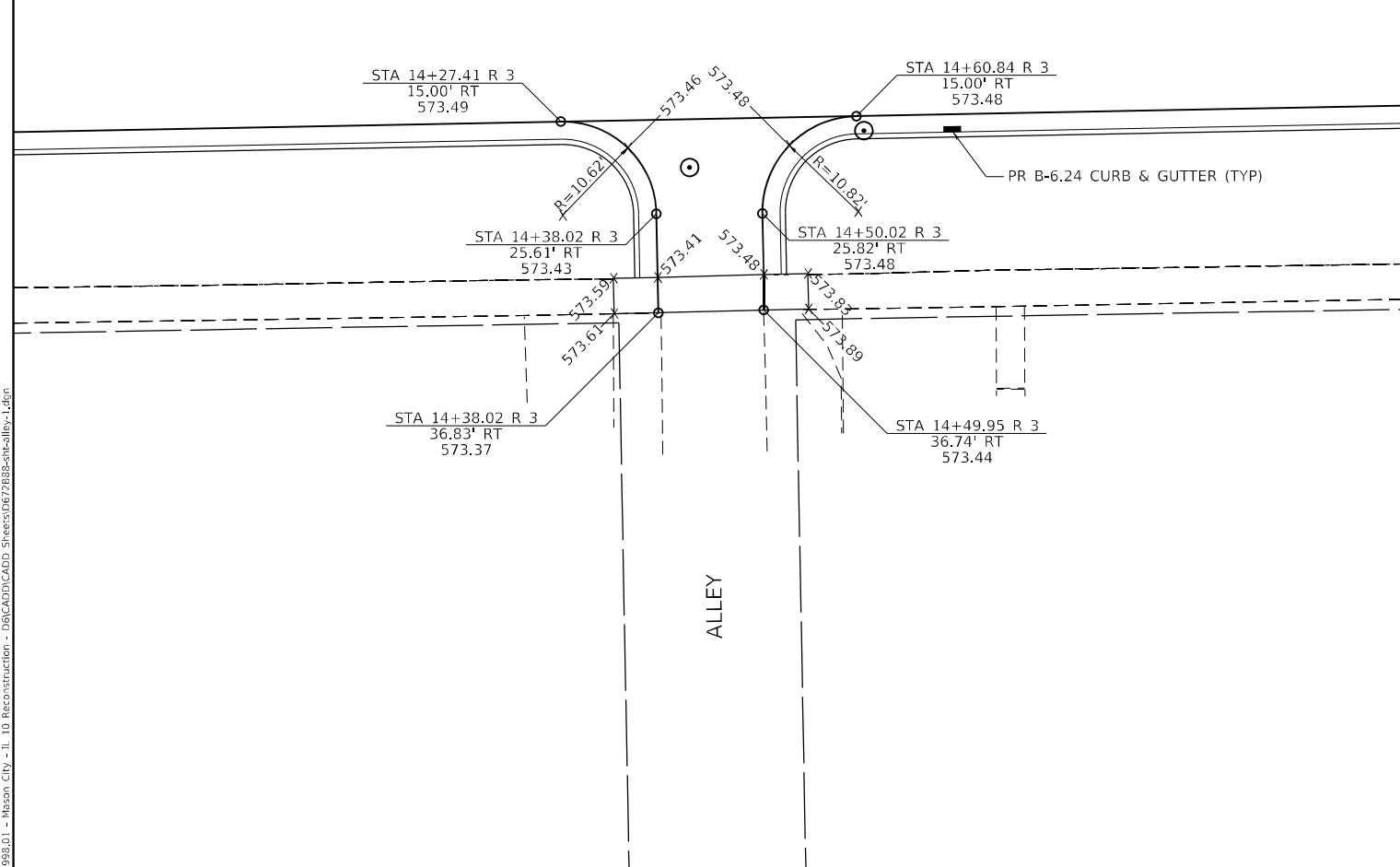
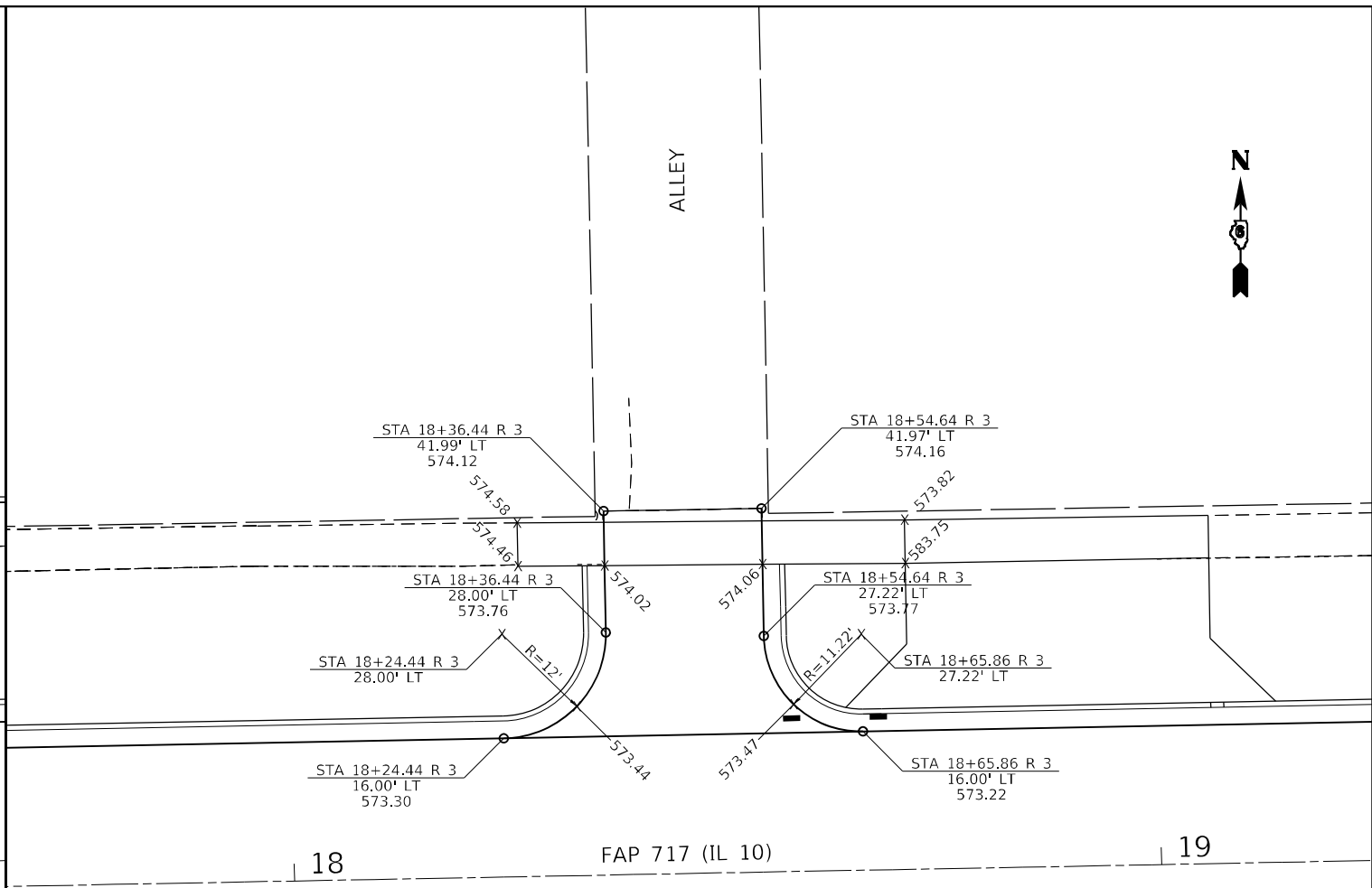
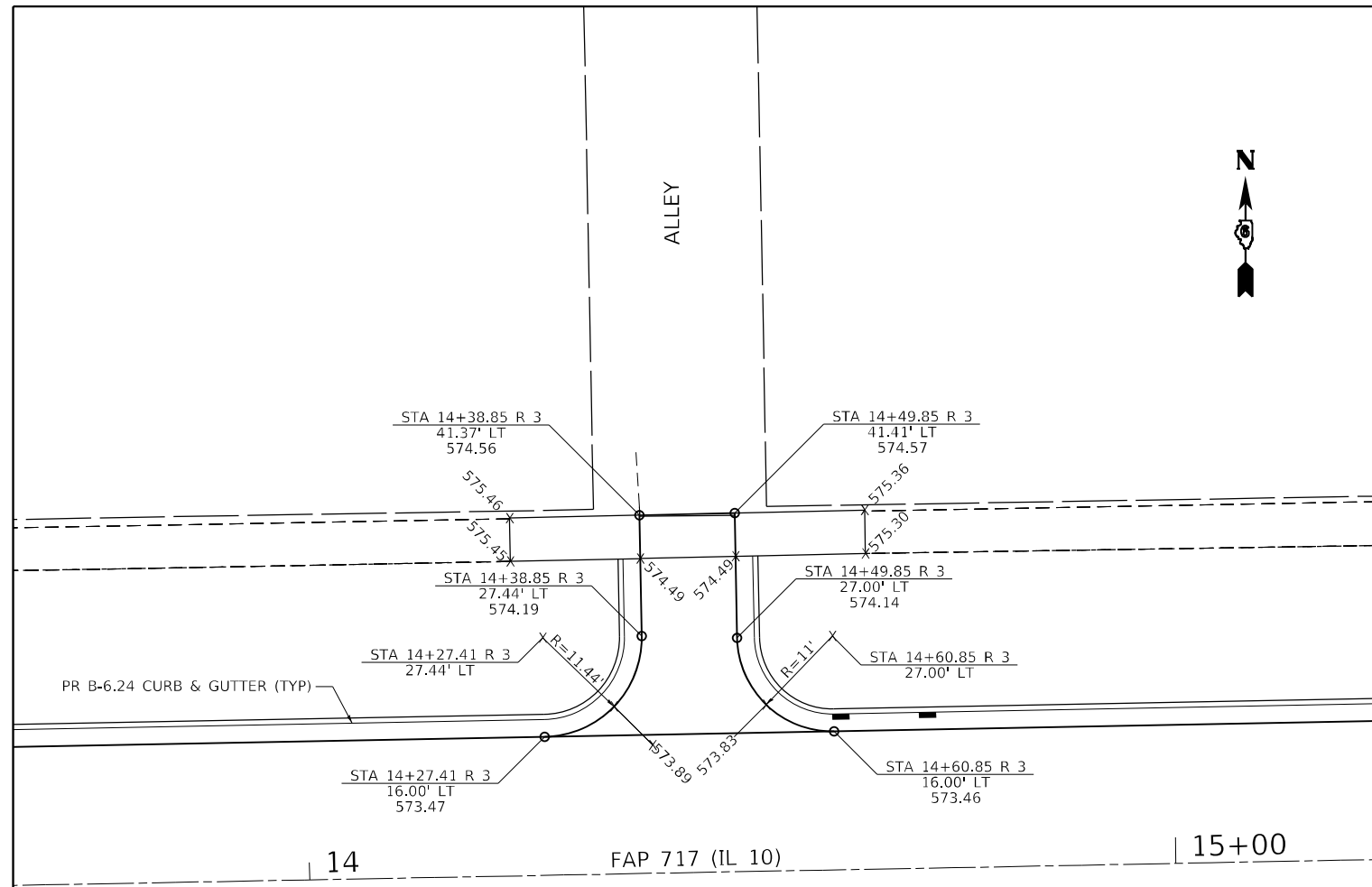
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
INTERSECTION DETAIL**

SCALE: 1"=10' SHEET 7 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	149
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL 10, 29, 10 SPUR)
(42)R, SW; (4RS-6, 101RS-4)CR



MODEL: sheet 1
 FILE NAME: \\s098.01 - Anson City - IL 10 Reconstruction - DBICADD\CADD_Sheets\067288\sheet-alley-1.dwg

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -	
PLOT SCALE = 20,0000' / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISED -
CHECKED - JW	REVISED -
DATE - 04/17/2023	REVISED -

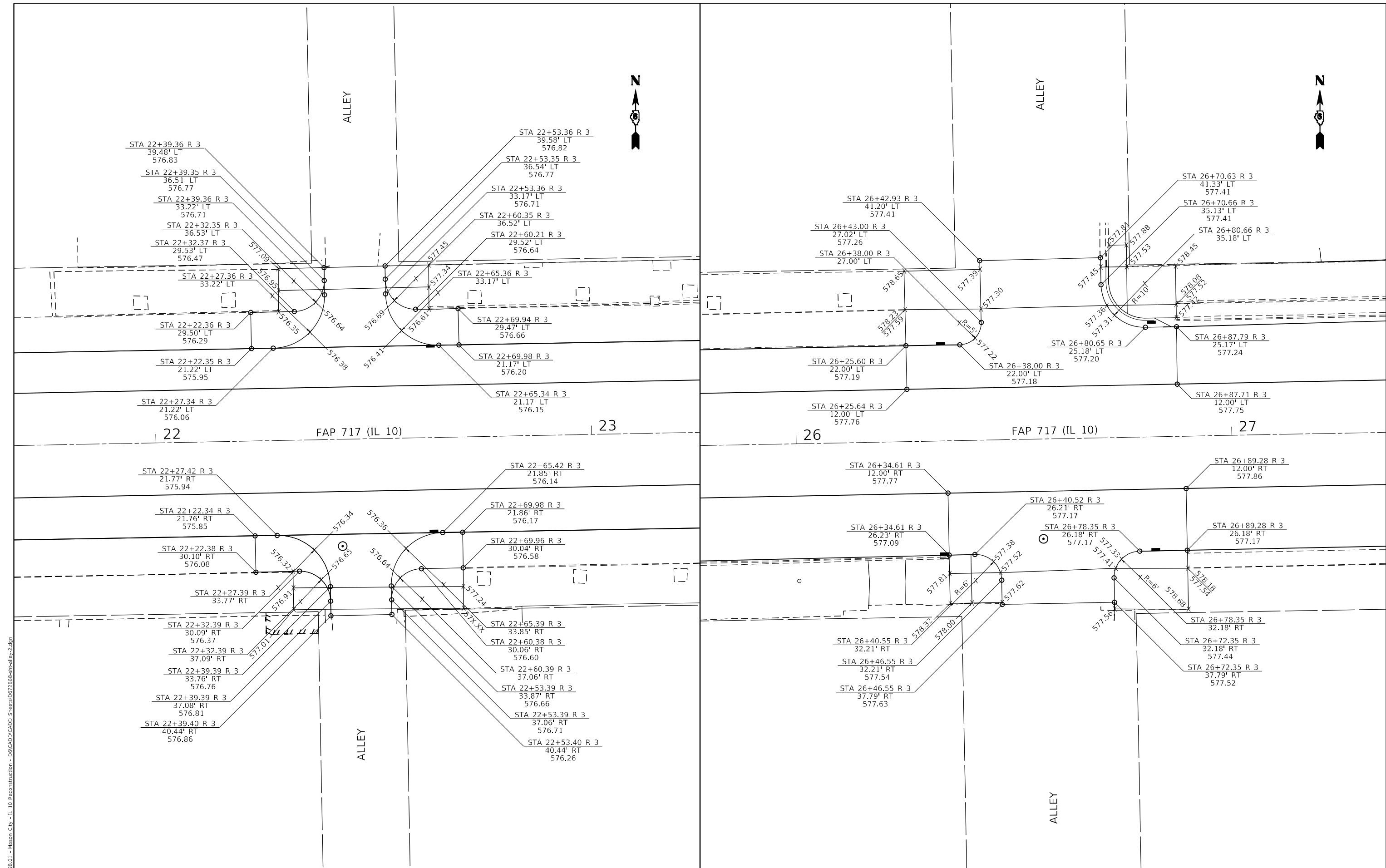
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
ALLEY DETAILS

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	150
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



MODEL: sheet 1
 FILE NAME: \\s0908.01 - Mason, City - IL 10 Reconstruction - DBICADD\CADD_Street\0672888-alleys-2.dwg

Hutchison Engineering, Inc.
 Jacksonville - Peoria - Quad Cities - Shorewood
 Since 1945

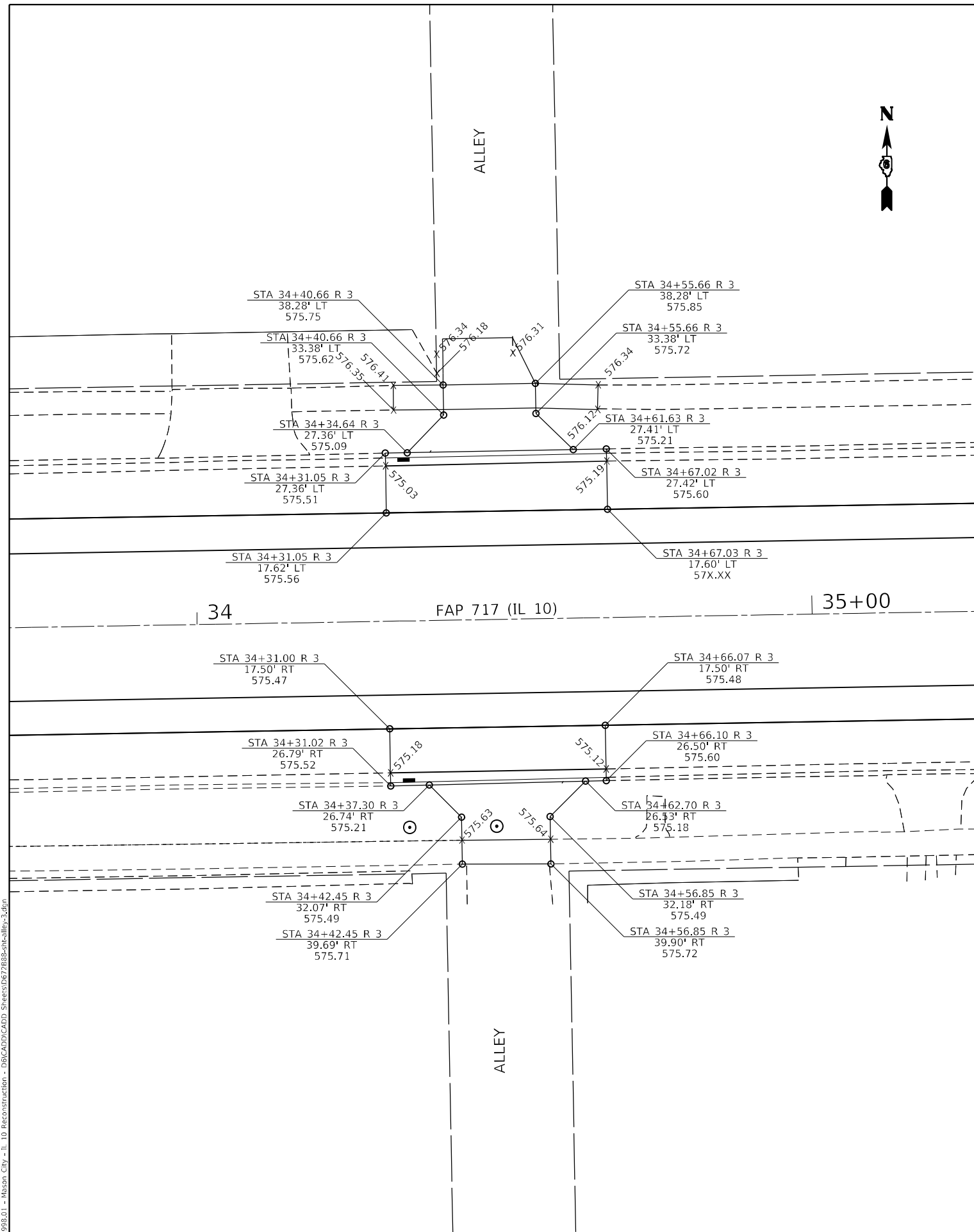
USER NAME = BDcraene	DESIGNED - LDZ	REVISED -
DRAWN - RMD	CHECKED - JW	REVISED -
PLOT SCALE = 20,0000' / in.	DATE - 04/17/2023	REVISED -
PLOT DATE = 5/18/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FAP 717 (IL 10) ALLEY DETAILS	
SCALE: 1"=10'	SHEET 2 OF 3 SHEETS
STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	151
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



MODEL: sheet 1
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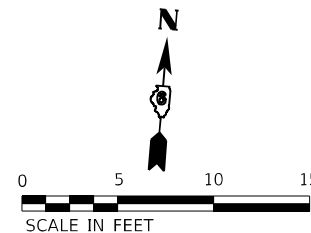
Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
	PLOT SCALE = 20,0000 * / in.	DRAWN - RMD	REVISED -
	PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
		DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10)
ALLEY DETAILS

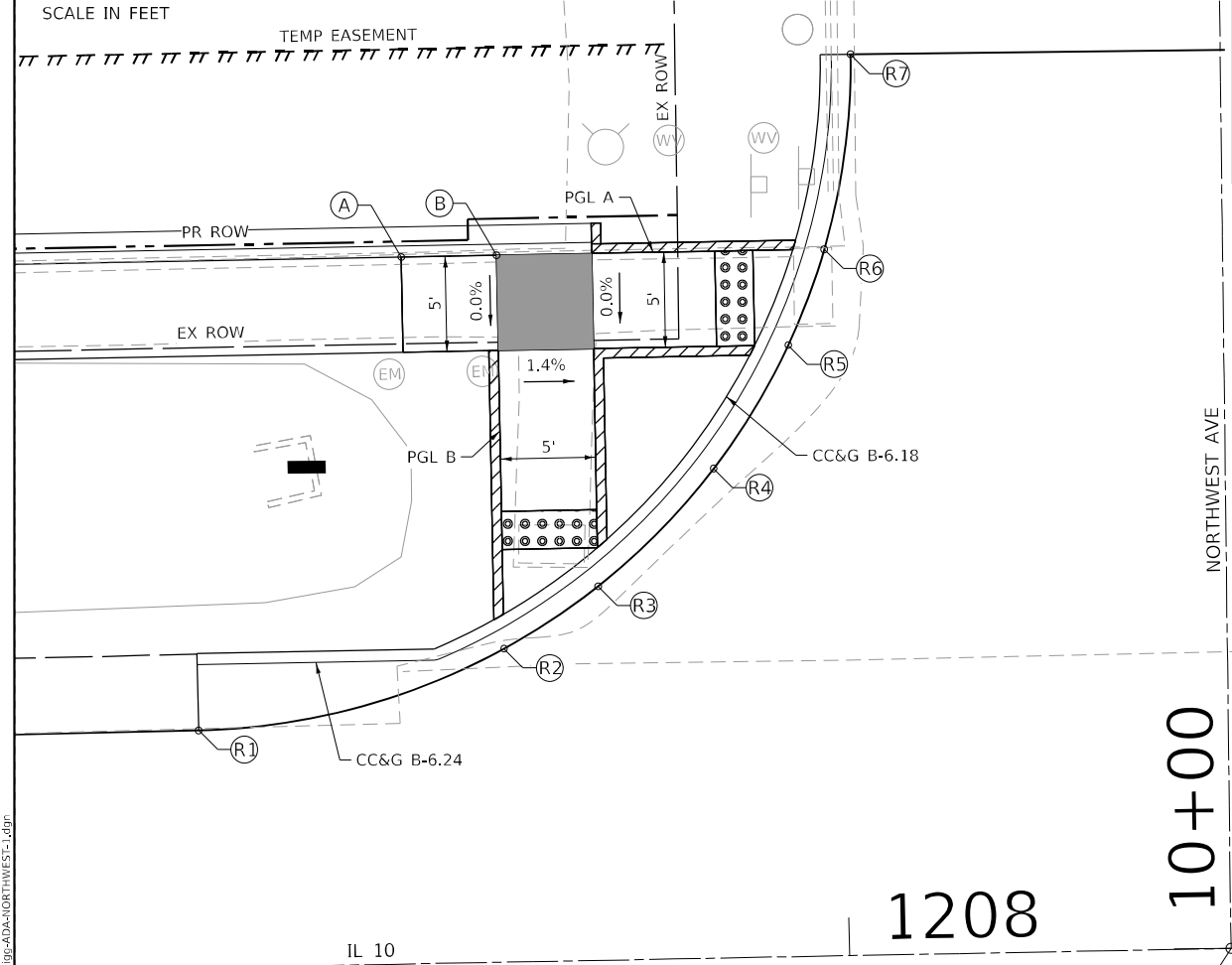
SCALE: 1"=10' SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	152
CONTRACT NO. 72B88				



NORTHWEST AVE - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

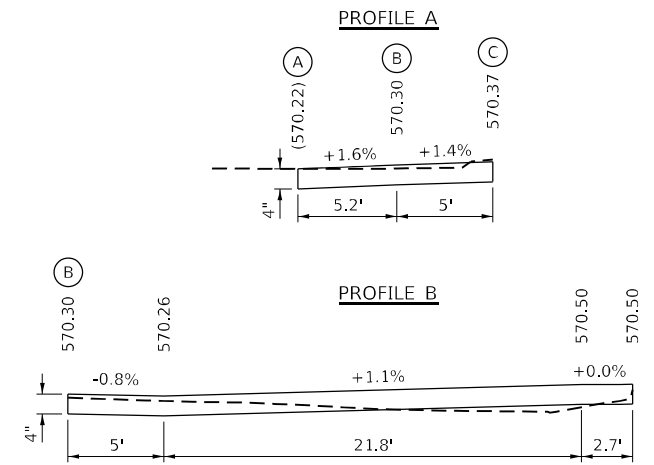
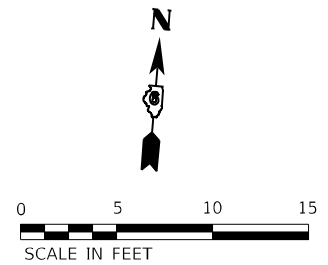
- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

NORTHWEST AVE - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SW QUAD NORTHWEST AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	1207+69.50	12.49'	RT	570.53
R2	1207+80.84	12.29'	RT	570.51
R3	1207+85.84	12.20'	RT	570.50
R4	1207+96.12	12.01'	RT	570.49

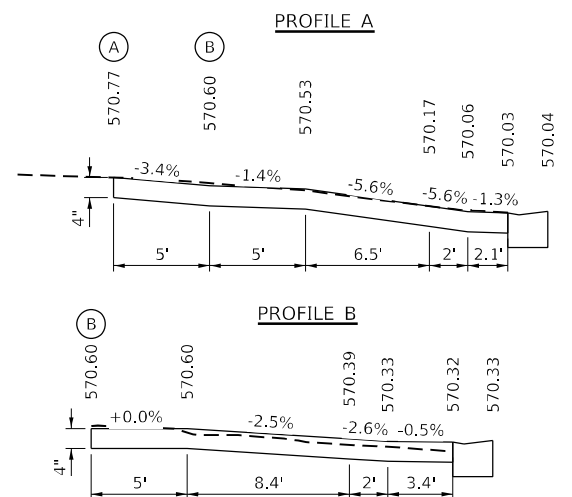


1208

10+00

STA 1208+20.02 (IL 10) =
STA 0+00.00 (NORTHWEST AVE)

EOP ELEVATIONS NW QUAD NORTHWEST AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	1207+66.06	-12.46'	LT	570.53
R2	1207+82.17	-16.45'	LT	570.33
R3	1207+87.17	-19.63'	LT	570.27
R4	1207+93.35	-25.70'	LT	570.18
R5	1207+97.39	-32.10'	LT	570.11
R6	1207+99.37	-37.10'	LT	570.04
R7	1208+00.94	-47.29'	LT	569.91



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

MODEL: D:\p\h\p\... FILE NAME: S:\2022\221009 - FTB 2023-1 - D6 - HURCHISON - Various Ph\JUN10_1 Mason_City Contract 72888\CADD\CADD Sheets\0572888-Plan\ADA-NORTHWEST-1.dwg



USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT NORTHWEST AVE

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

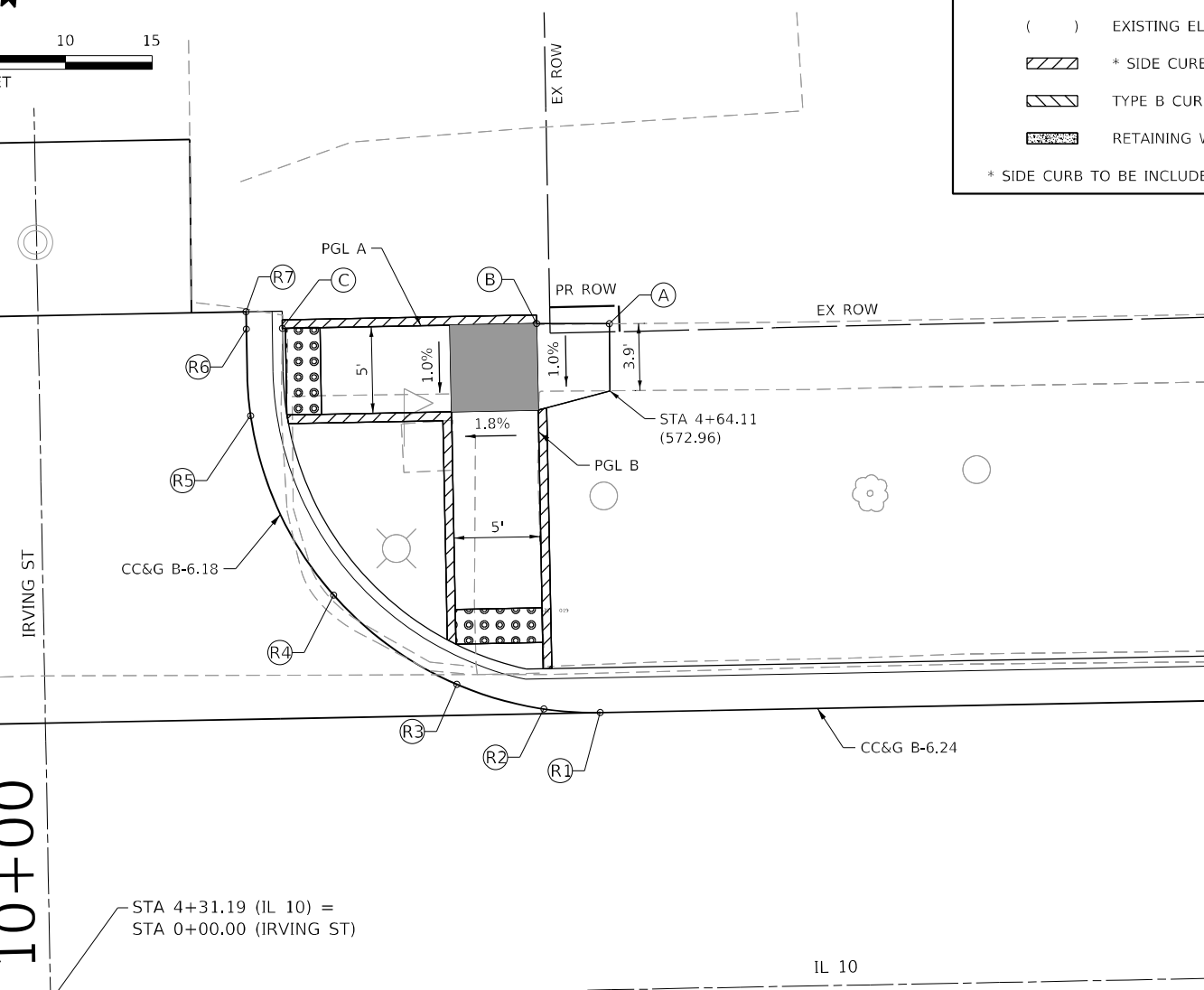
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	153
CONTRACT NO. 72888				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R, SW: (4RS-6, 101RS-4)CR



IRVING ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



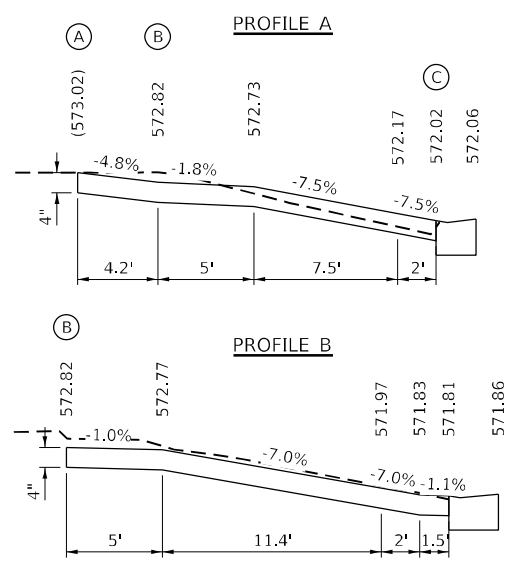
LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

EOP ELEVATIONS NE QUAD
IRVING IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	4+63.20	16.00'	LT	571.84
R2	4+59.95	16.27'	LT	571.86
R3	4+54.95	17.78'	LT	571.89
R4	4+47.95	23.06'	LT	571.95
R5	4+43.36	33.50'	LT	572.02
R6	4+43.20	38.50'	LT	572.06
R7	4+43.20	39.50'	LT	572.06



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



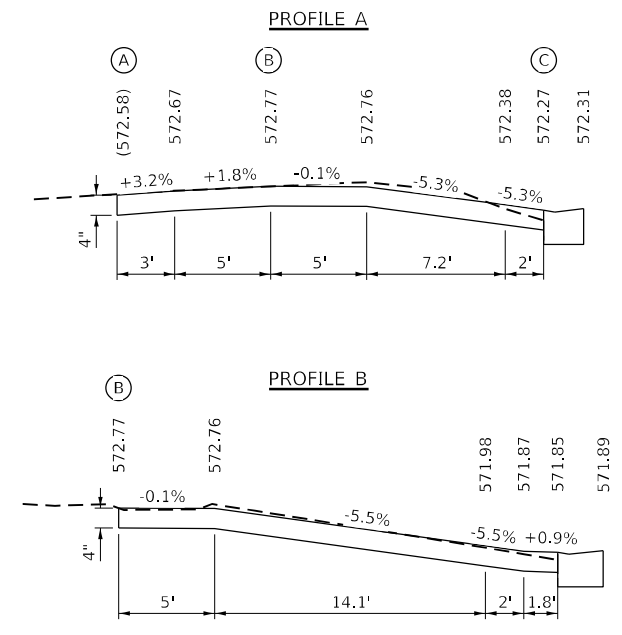
IRVING ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS SE QUAD
IRVING AT IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	4+63.66	15.00'	RT	571.85
R2	4+59.95	15.35'	RT	571.89
R3	4+54.95	17.00'	RT	571.96
R4	4+46.37	24.96'	RT	572.11
R5	4+43.66	35.45'	RT	572.25
R6	4+43.66	40.45'	RT	572.31
R7	4+43.66	41.50'	RT	572.32

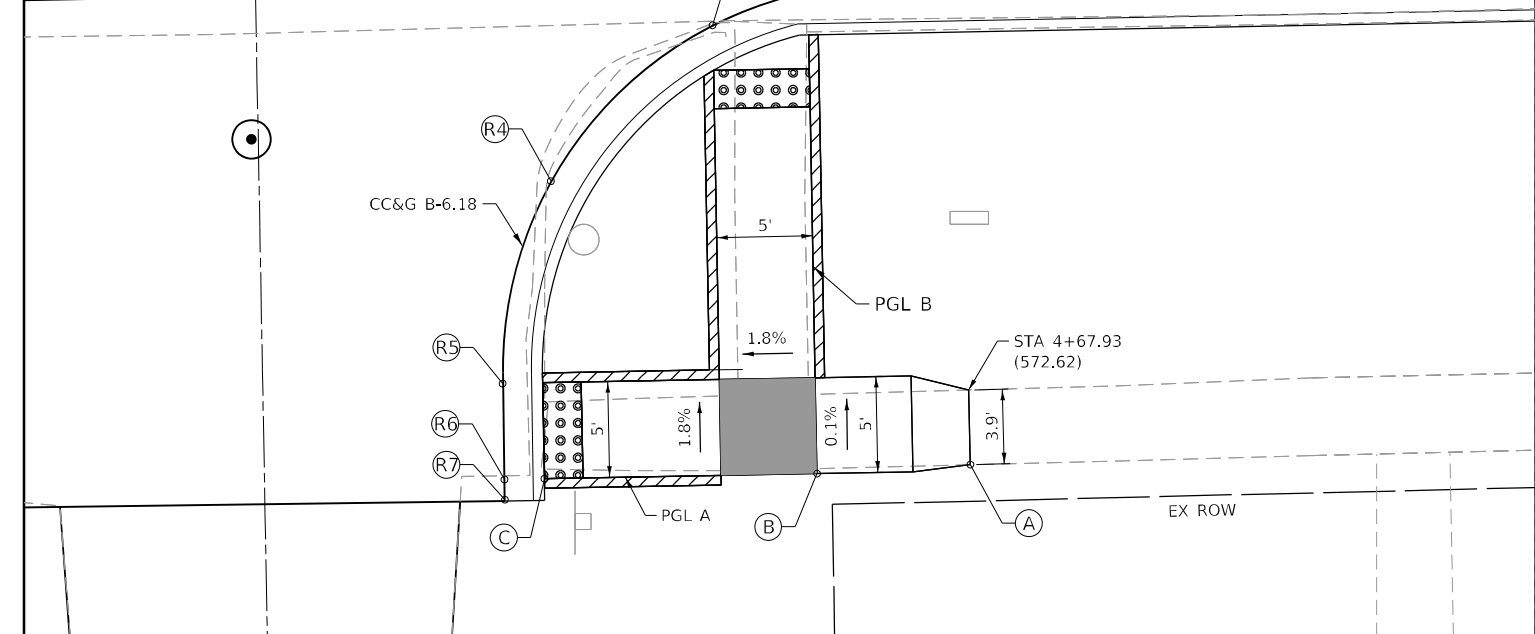


10+00

STA 4+31.19 (IL 10) = STA 0+00.00 (IRVING ST)

IL 10

IRVING ST



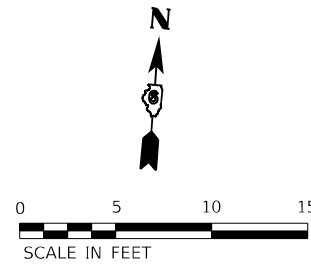
USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT IRVING ST

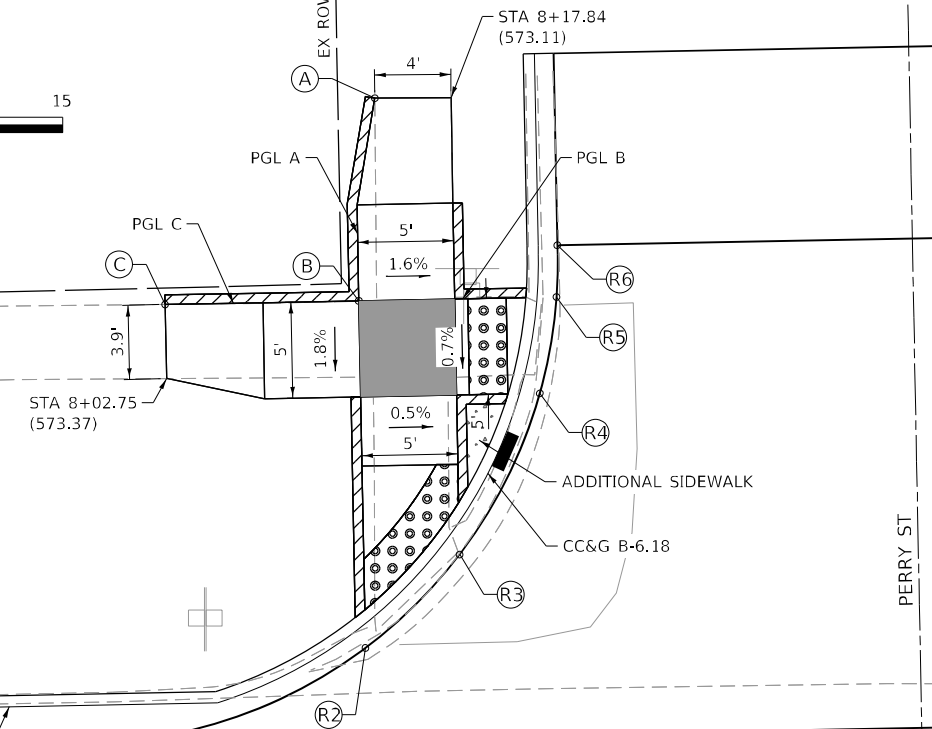
SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	156
CONTRACT NO. 72B88				



PERRY ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

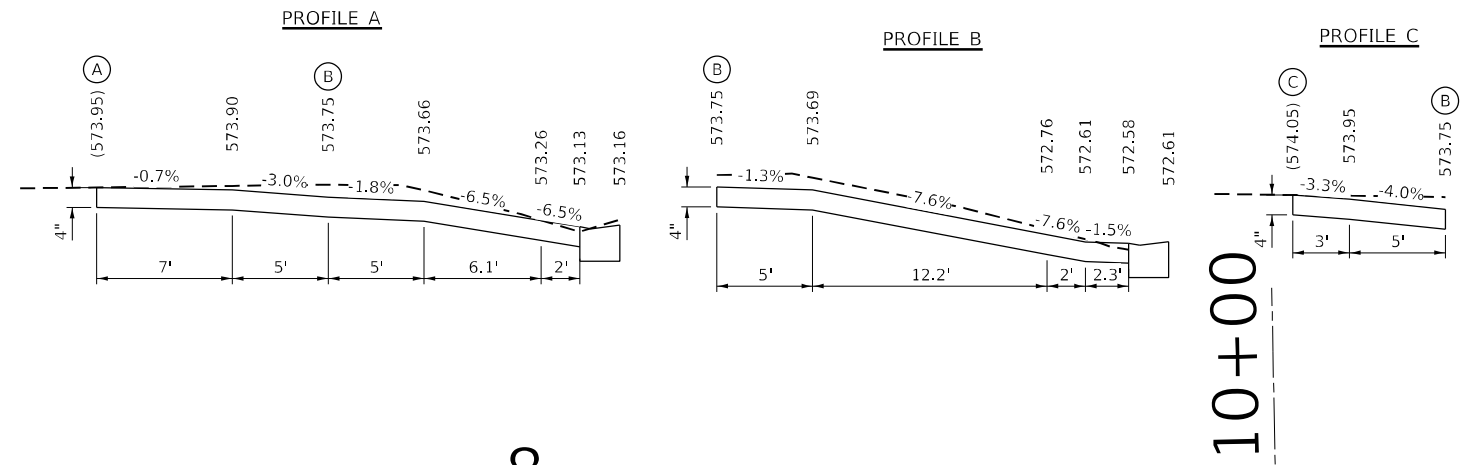
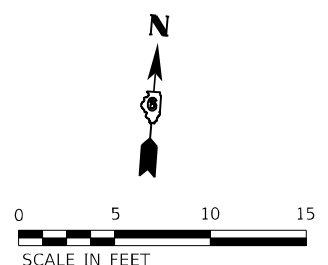
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

PERRY ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

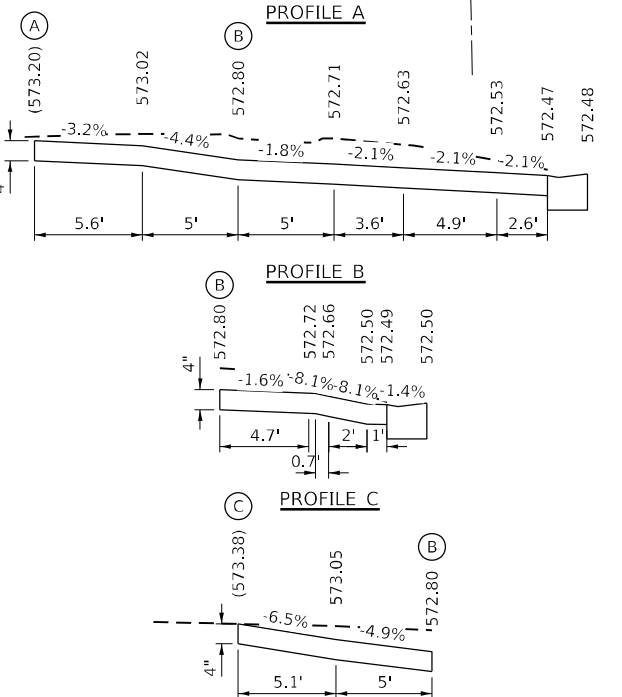
EOP ELEVATIONS SW QUAD
PERRY AT IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	8+07.74	15.00'	RT	572.55
R2	8+12.54	15.58'	RT	572.61
R3	8+17.54	17.56'	RT	572.70
R4	8+21.88	20.86'	RT	572.84
R5	8+27.72	34.20'	RT	573.12
R6	8+27.74	39.20'	RT	573.16
R7	8+27.74	40.50'	RT	573.17

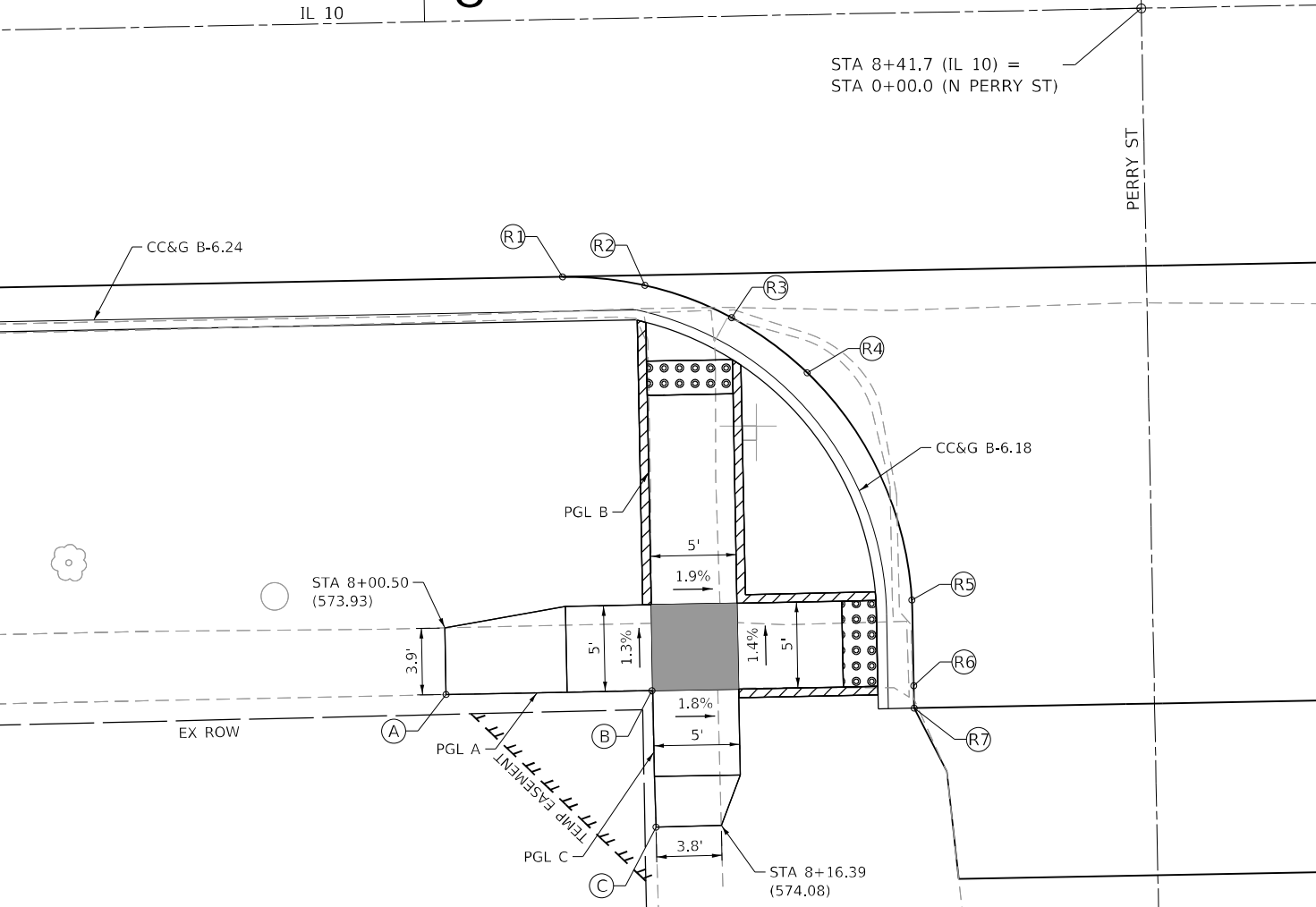


EOP ELEVATIONS NW QUAD
PERRY AT IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	7+98.23	16.00'	LT	572.51
R2	8+12.83	20.71'	LT	572.48
R3	8+17.83	25.48'	LT	572.47
R4	8+22.17	33.80'	LT	572.47
R5	8+23.13	38.80'	LT	572.50
R6	8+23.23	41.50'	LT	572.51



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



MODEL: D:\perry.dwg; FILE NAME: S:\2022\221009 - PFB - 2023-1 - D6 - HURCHISON - Various Ph JULIWO_1 Mason_City_Contract_72888\CADD\CADD_Sheets\0572888-PB-Curbs-ADA-PERRY-1.dwg



USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS
IL 10 AT PERRY ST**

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

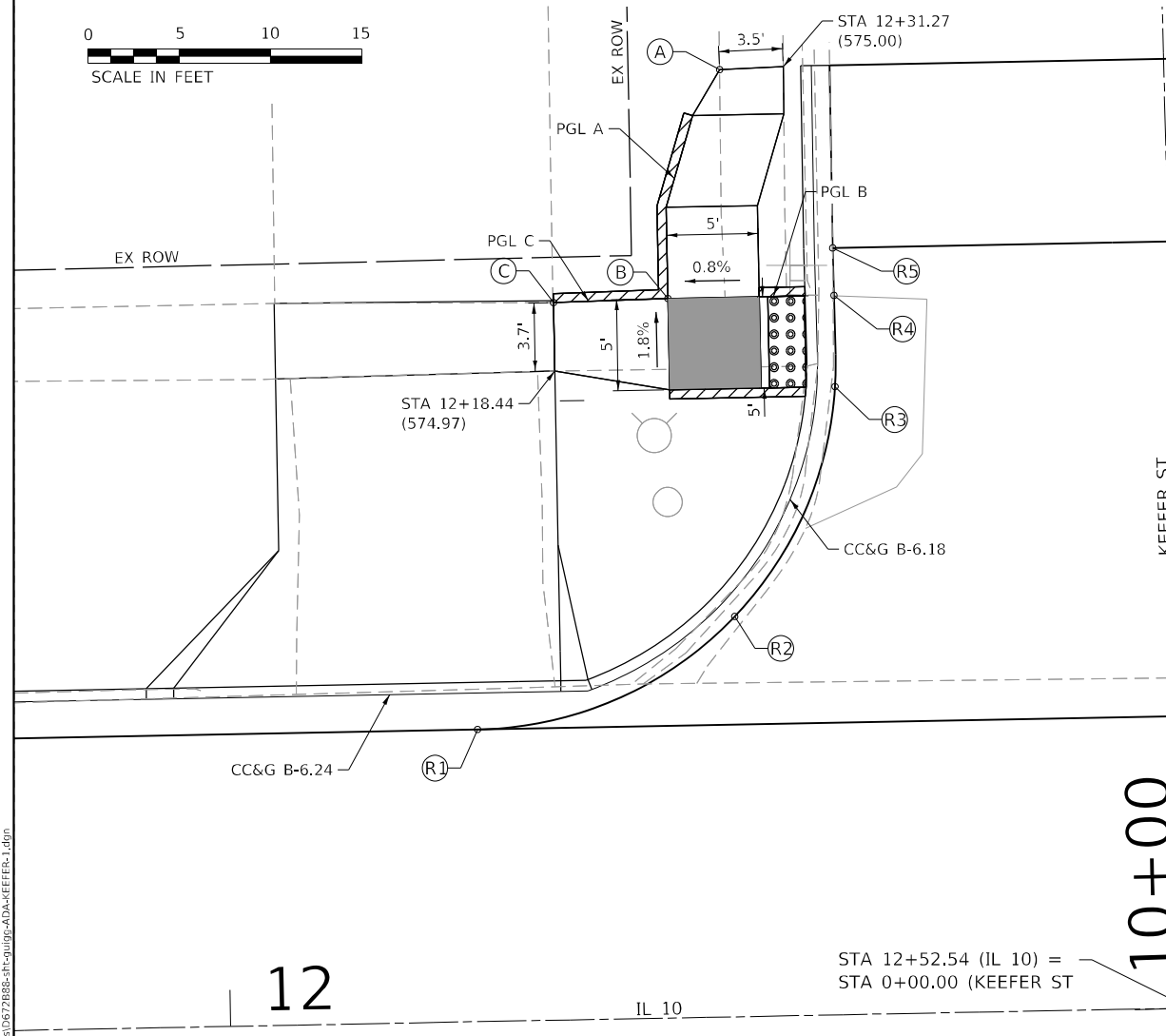
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	157
CONTRACT NO. 72888				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



KEEFER ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

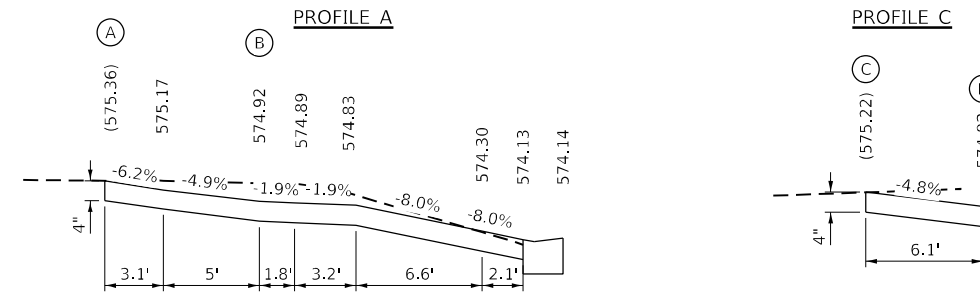
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

KEEFER ST - SW QUAD

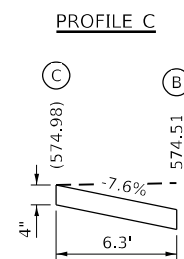
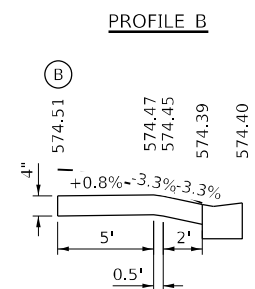
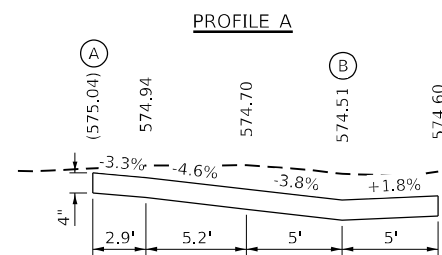
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



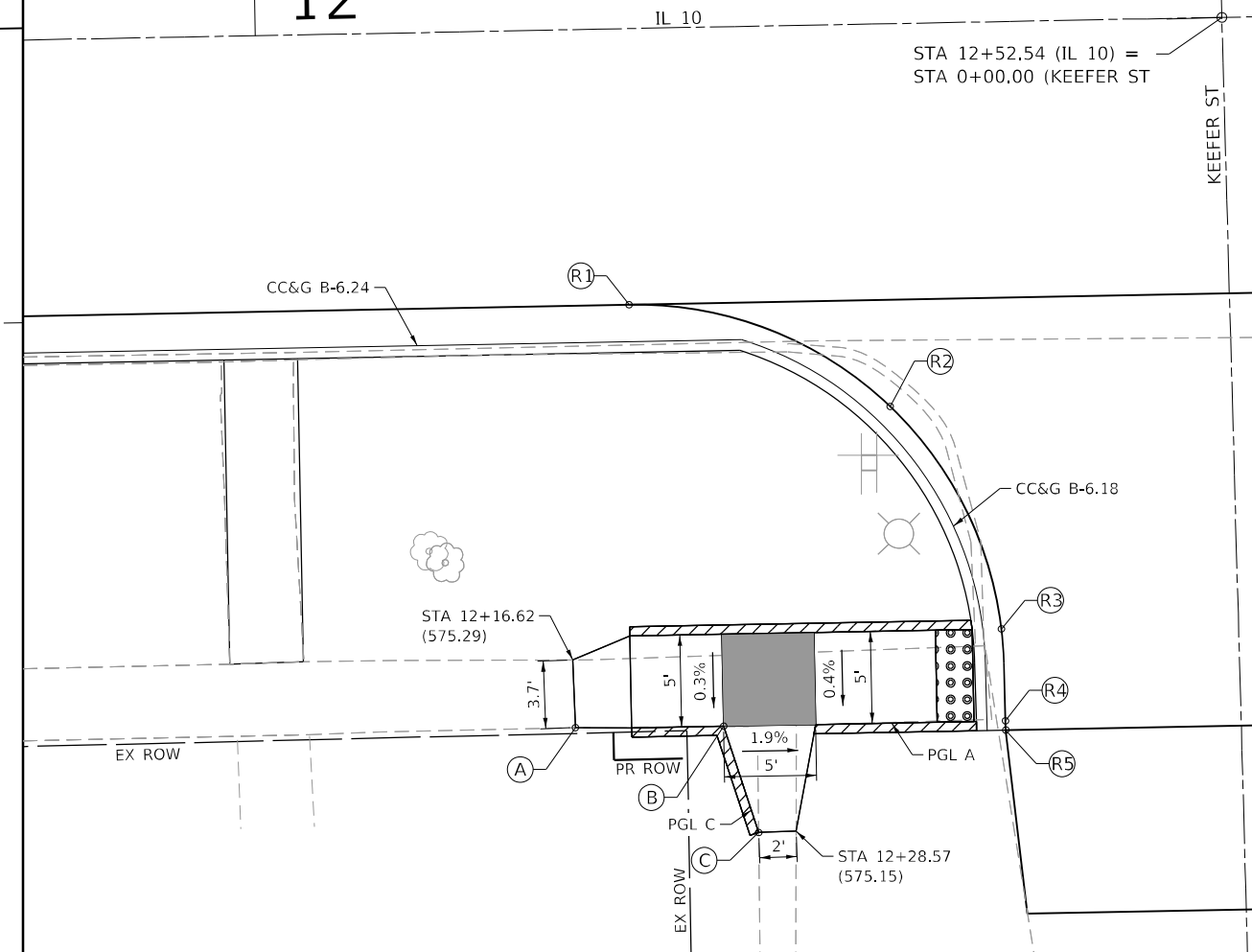
EOP ELEVATIONS SW QUAD KEEFER AT IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	12+34.11	20.80'	RT	574.27
R2	12+39.93	33.00'	RT	574.18
R3	12+40.06	38.00'	RT	574.14
R4	12+40.06	38.50'	RT	574.14
R5	12+41.06	48.50'	RT	574.10



EOP ELEVATIONS NW QUAD KEEFER AT IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	12+13.83	16.00'	LT	574.34
R2	12+28.03	21.92'	LT	574.37
R3	12+33.76	34.40'	LT	574.39
R4	12+33.80	39.40'	LT	574.40
R5	12+33.78	42.00'	LT	574.40



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



MODEL: D:\p\11\1100 - PFB - 2023-11 - D6 - Inception - Various Ph\111100_1_Mason_City_Contract_72888\CADD\CADD_Sheets\0572888-Ph\111100-ADA-KEEFER-1.dwg
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USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS
IL 10 AT KEEFER ST**

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

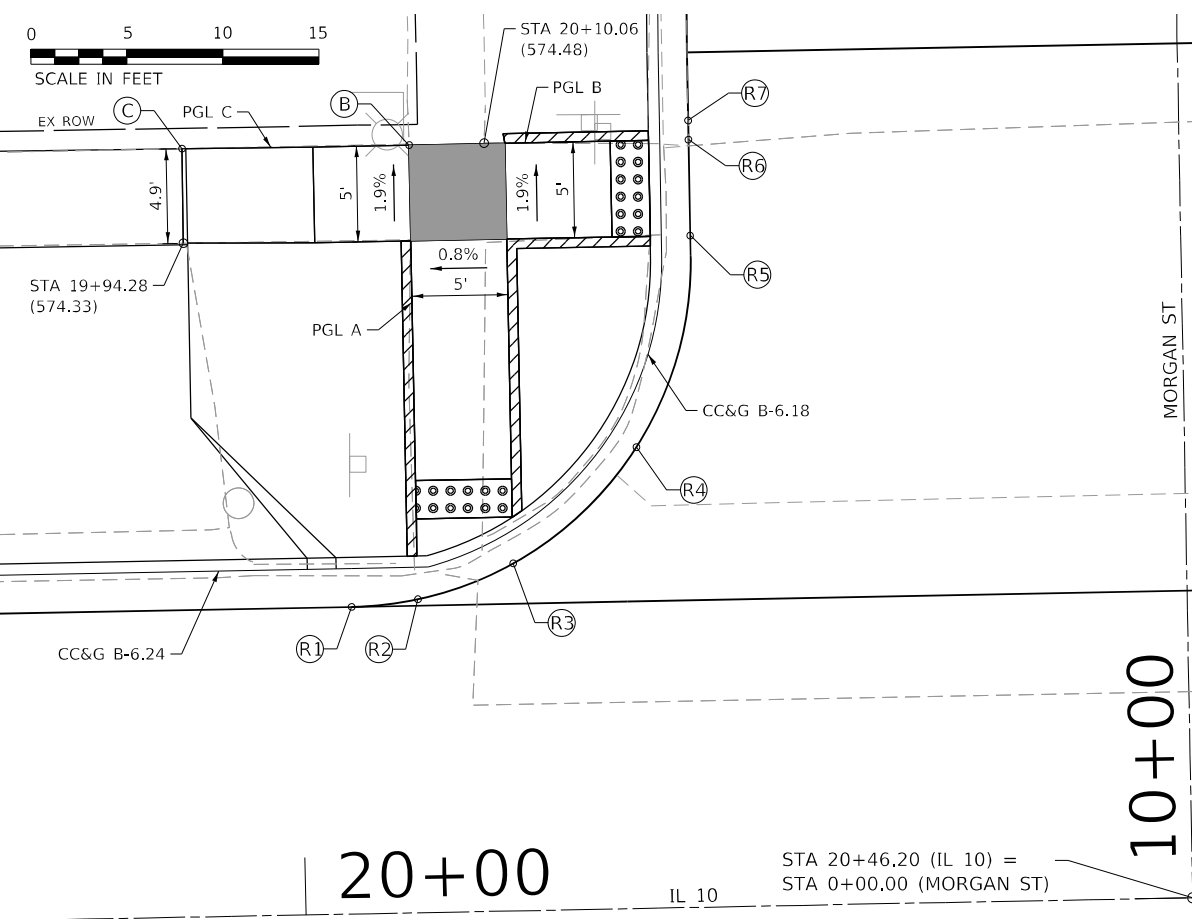
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	159
CONTRACT NO. 72888				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



MORGAN ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



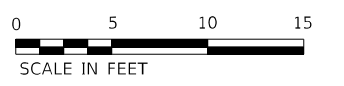
LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

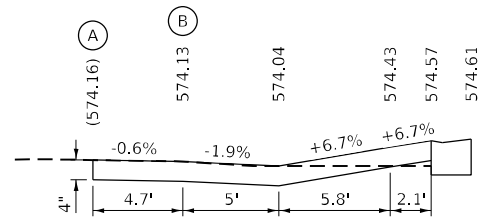
MORGAN ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

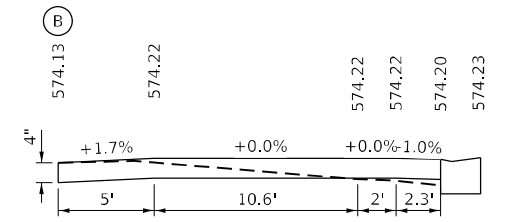


EOP ELEVATIONS SW QUAD MORGAN AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	20+00.61	15.00'	RT	574.16
R2	20+05.55	15.62'	RT	574.23
R3	20+10.55	17.65'	RT	574.31
R4	20+16.84	23.33'	RT	574.43
R5	20+20.47	32.70'	RT	574.57
R6	20+20.59	37.65'	RT	574.61
R7	20+20.59	43.50'	RT	574.63

PROFILE A



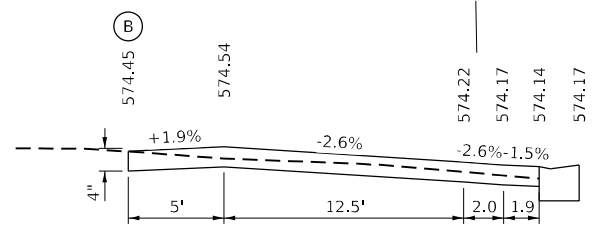
PROFILE B



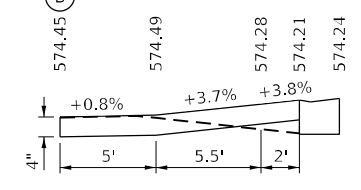
20+00

STA 20+46.20 (IL 10) =
STA 0+00.00 (MORGAN ST)

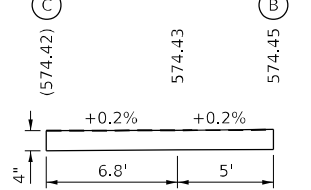
PROFILE A



PROFILE B



PROFILE C



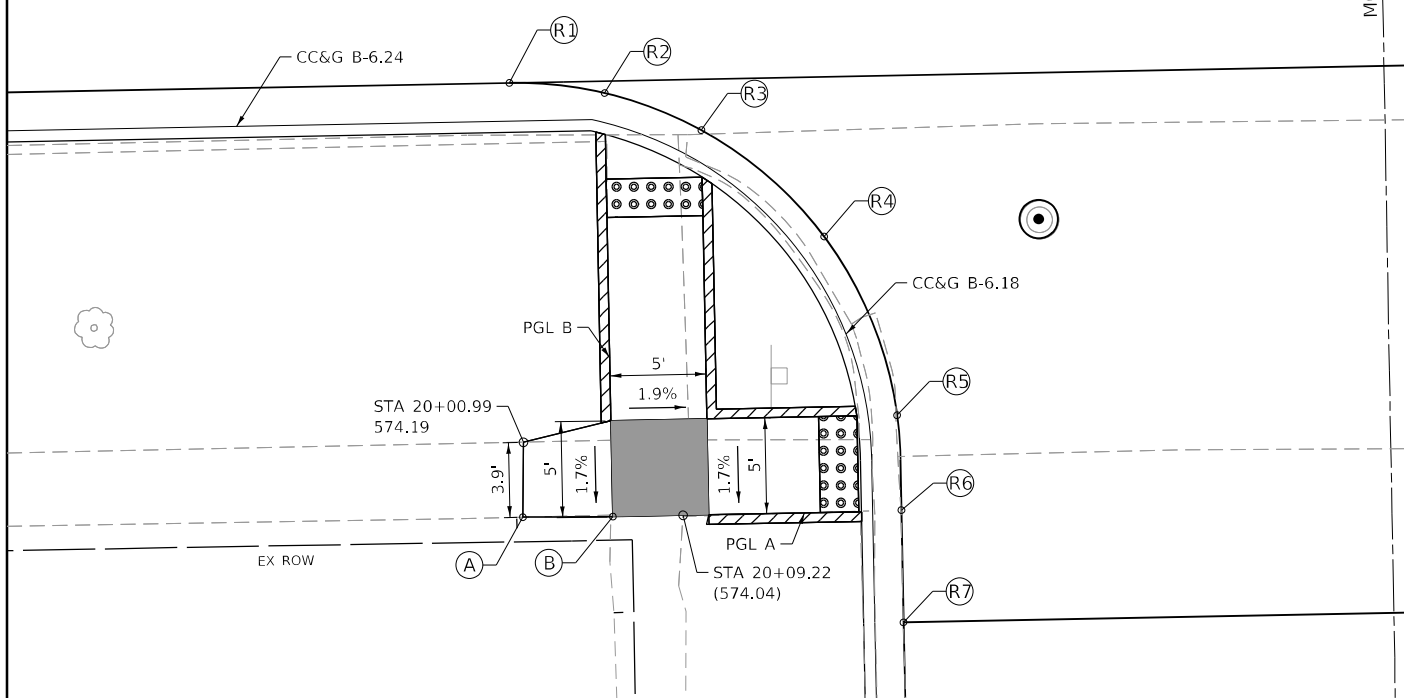
EOP ELEVATIONS NW QUAD MORGAN AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	20+02.68	-16.00'	LT	574.16
R2	20+06.14	-16.33'	LT	574.17
R3	20+11.14	-18.11'	LT	574.18
R4	20+17.68	-24.03'	LT	574.20
R5	20+20.69	-35.00'	LT	574.23
R6	20+20.70	-40.00'	LT	574.24
R7	20+20.70	-41.00'	LT	574.24

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

20+00

STA 20+46.20 (IL 10) =
STA 0+00.00 (MORGAN ST)

10+00



USER NAME = rgoertz
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 5/17/2023

DESIGNED - SMK
 DRAWN - SKL
 CHECKED - SMK
 DATE - 05/18/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

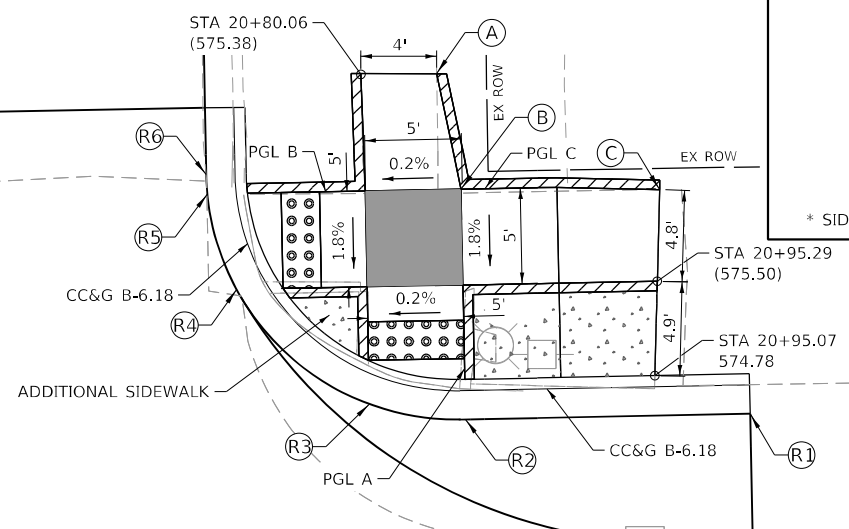
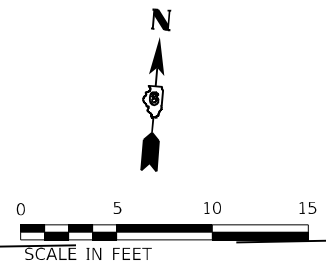
ADA - SIDEWALK DETAILS
 IL 10 AT MORGAN ST

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	163
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

MORGAN ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



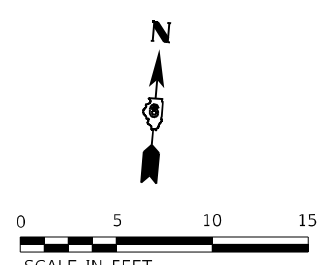
LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

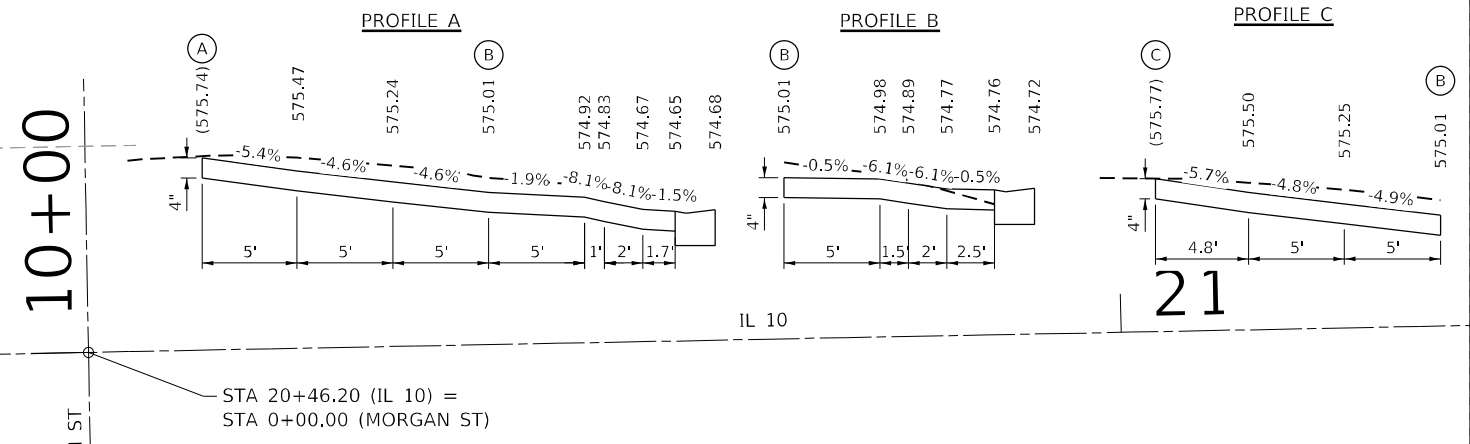
MORGAN ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS SE QUAD
MORGAN AT IL 10

POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	21+00.00	28.50'	RT	574.86
R2	20+90.17	28.50'	RT	574.67
R3	20+85.17	28.58'	RT	574.68
R4	20+80.17	30.01'	RT	574.69
R5	20+74.06	35.40'	RT	574.71
R6	20+72.03	40.40'	RT	574.72
R7	20+71.68	43.50'	RT	574.73

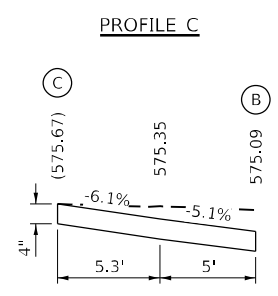
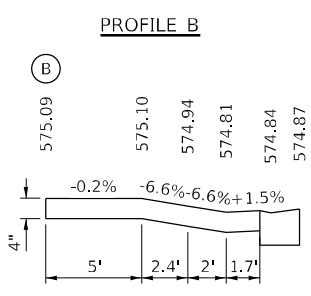
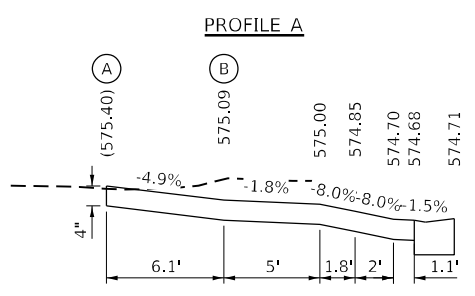


10+00

STA 20+46.20 (IL 10) =
STA 0+00.00 (MORGAN ST)

EOP ELEVATIONS NE QUAD
MORGAN AT IL 10

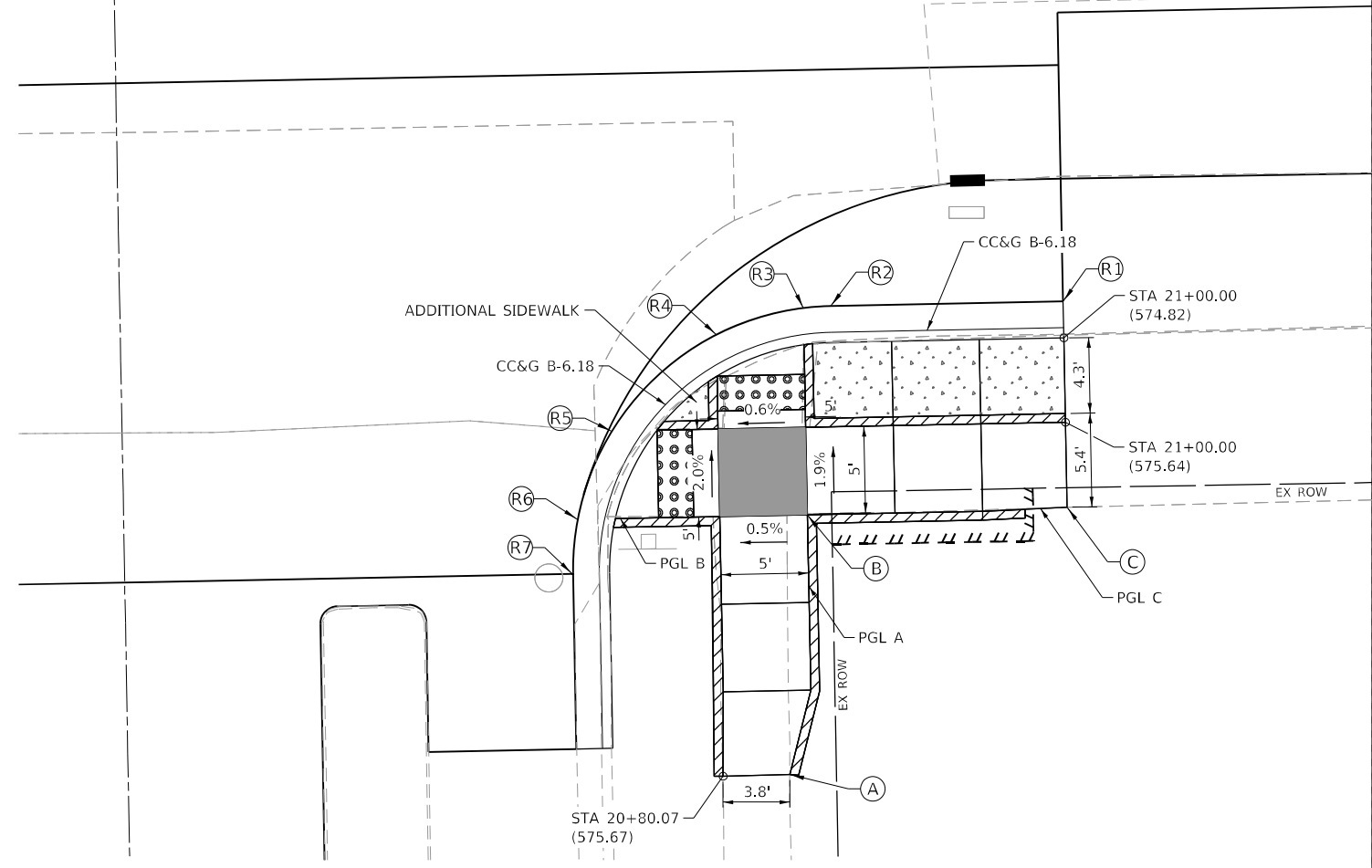
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	21+00.00	-28.00'	LT	574.87
R2	20+85.17	-28.00'	LT	574.71
R3	20+80.17	-28.89'	LT	574.75
R4	20+73.37	-35.00'	LT	574.83
R5	20+71.94	-40.00'	LT	574.87
R6	20+71.90	-41.00'	LT	574.88



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

10+00

STA 20+46.20 (IL 10) =
STA 0+00.00 (MORGAN ST)



MODEL Path: \\... \Users\p... \Public\... \Morgan St - NE Quad.dwg
FILE NAME: S:\2022\221009 - PFB 2023-1 - D6 - Inception - Various Ph... \Users\p... \Public\... \Morgan St - NE Quad.dwg



USER NAME = rgoertz
PLOT SCALE = 10,0000' / in.
PLOT DATE = 5/17/2023

DESIGNED - SMK
DRAWN - SKL
CHECKED - SMK
DATE - 05/18/2023

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA - SIDEWALK DETAILS
IL 10 AT MORGAN ST**

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

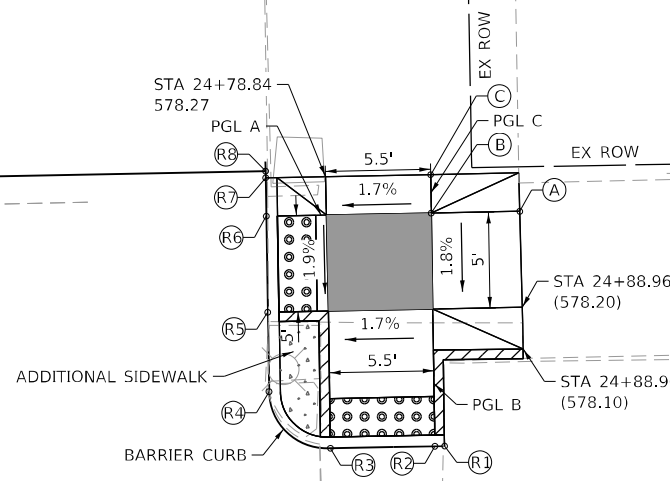
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	164
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



MAIN ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



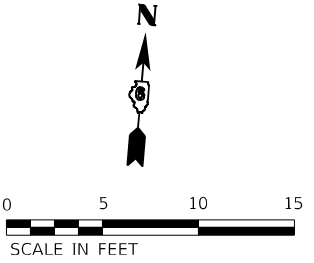
LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

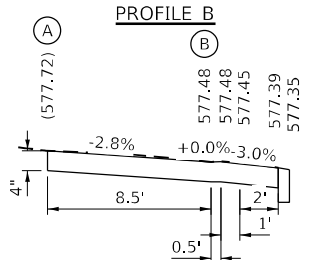
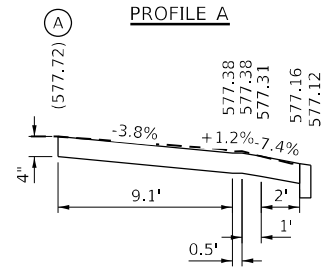
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

MAIN ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS SE QUAD MAIN AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	24+84.64	26.84'	RT	577.36
R2	24+84.15	26.84'	RT	577.35
R3	24+78.64	26.86'	RT	577.23
R4	24+76.04	26.87'	RT	577.21
R5	24+73.23	28.04'	RT	577.27
R6	24+72.05	32.96'	RT	577.21
R7	24+72.03	38.46'	RT	577.12
R8	24+72.03	39.00'	RT	577.11



10+00

STA 24+45.57 (IL 10) = STA 0+00.00 (MAIN ST)

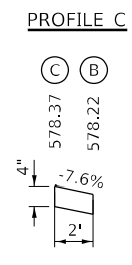
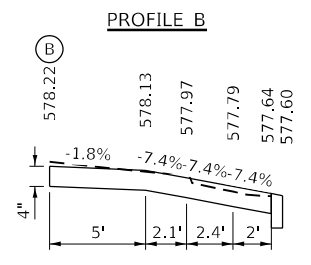
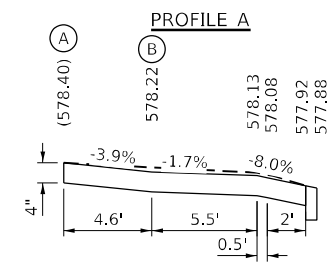
25+00

10+00

STA 24+45.57 (IL 10) = STA 0+00.00 (MAIN ST)

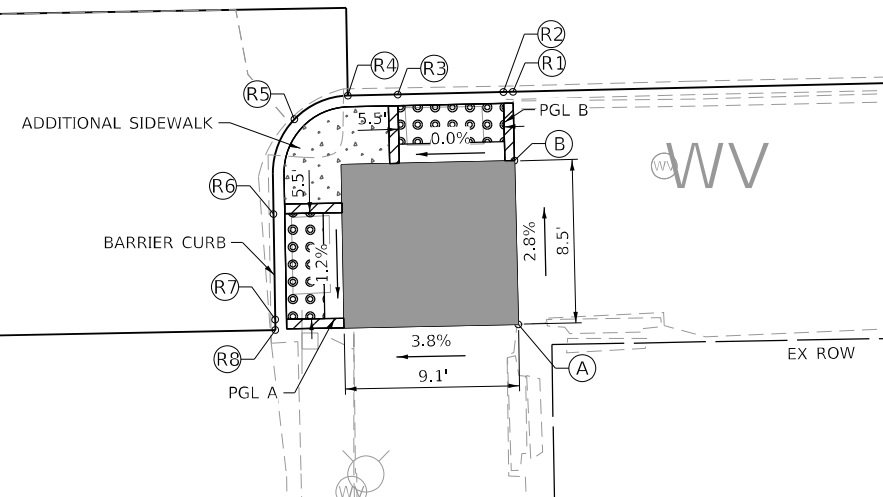
IL 10

25+00



EOP ELEVATIONS NE QUAD MAIN AT IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	24+84.76	-25.50'	LT	577.60
R2	24+84.26	-25.50'	LT	577.60
R3	24+78.81	-25.50'	LT	577.63
R4	24+75.67	-28.51'	LT	577.71
R5	24+75.69	-32.65'	LT	577.79
R6	24+75.71	-37.65'	LT	577.88
R7	24+75.71	-39.65'	LT	577.91
R8	24+75.72	-40.00'	LT	577.93

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MODEL Path: \\... FILE NAME: S:\2022\221009 - PFB-2023-1 - D6 - HURCHISON - Various Ph LITING 1 Mason City Contract 72888\CADD\CADD Sheets\0572888-Ph-Curbs-ADA-MAIN2.dwg



USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

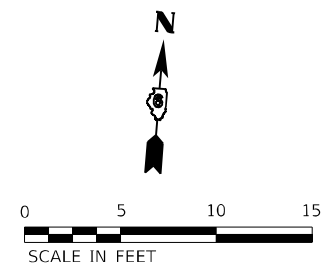
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT MAIN ST

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

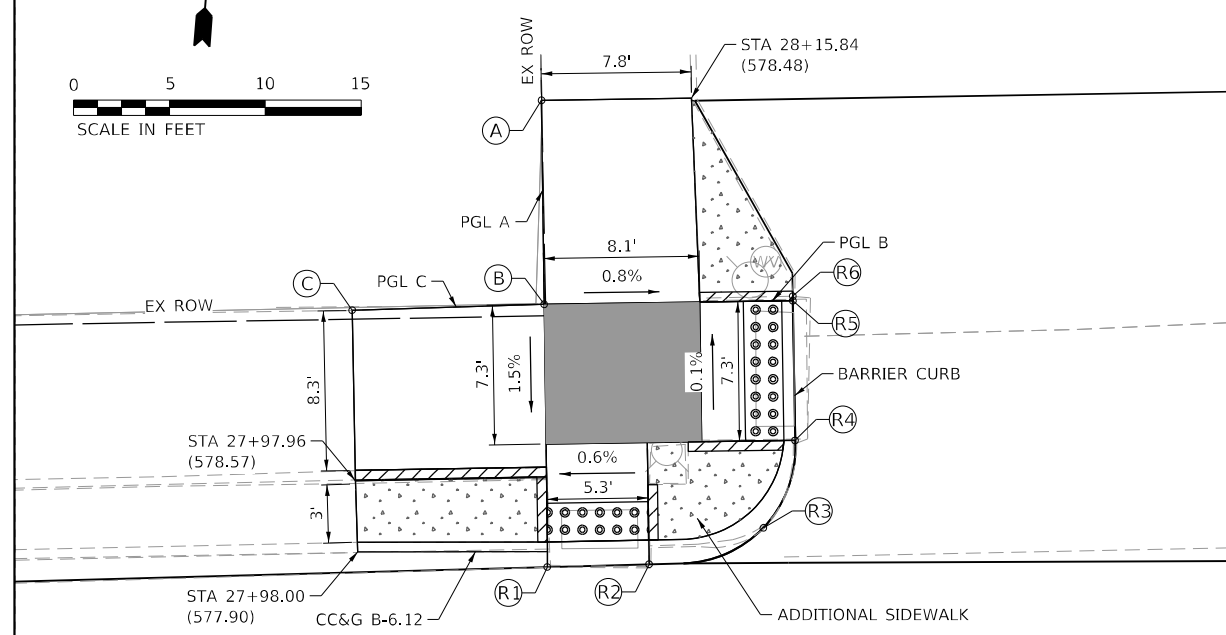
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	166
CONTRACT NO. 72888				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



TONICA ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



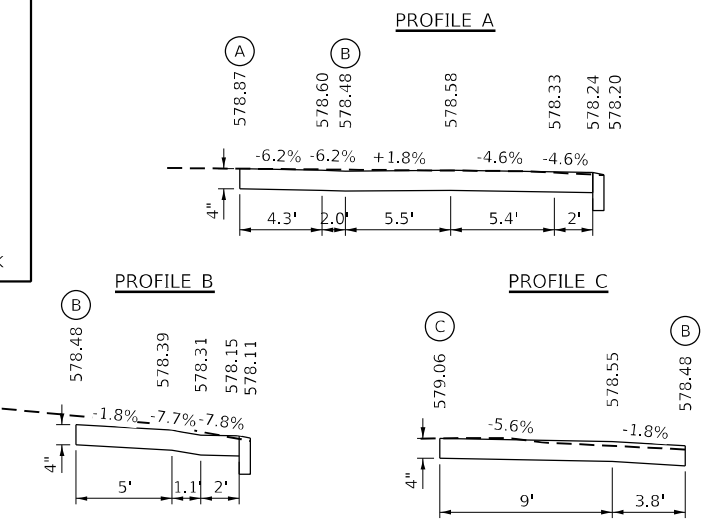
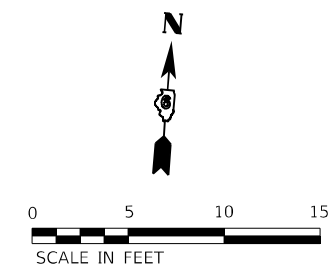
LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

TONICA ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	28+01.39	26.12'		577.76
R2	28+07.69	26.12'		578.11
R3	28+13.19	26.11'		578.26
R4	28+17.21	26.11'		577.97
R5	28+20.04	27.29'		578.00
R6	28+21.20	29.78'		578.26
R7	28+21.20	34.78'		578.20
R8	28+13.19	34.76'		578.58
R9	28+14.25	45.20'		578.43
R10	28+14.25	47.61'		578.43

28

STA 28+46.80 (IL 10) =
STA 0+00.00 (TONICA ST)

10+00

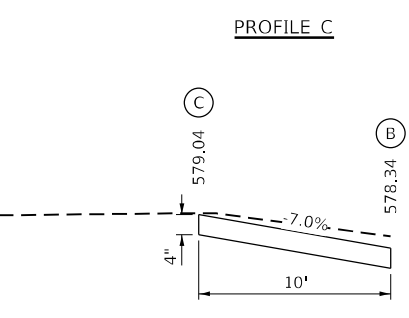
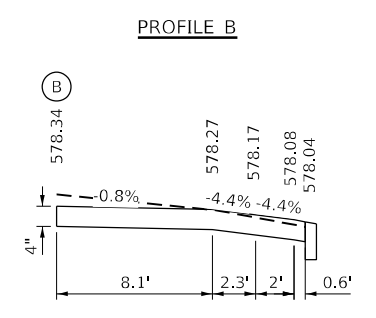
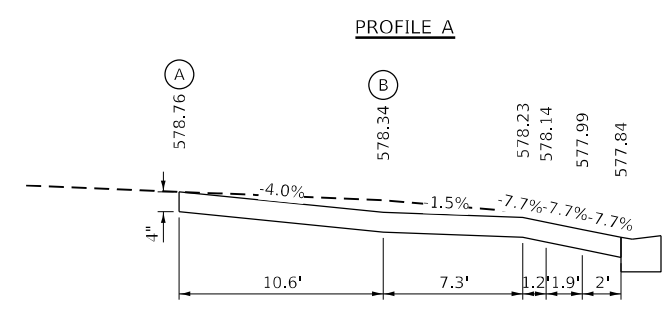
28

IL 10

STA 28+46.80 (IL 10) =
STA 0+00.00 (TONICA ST)

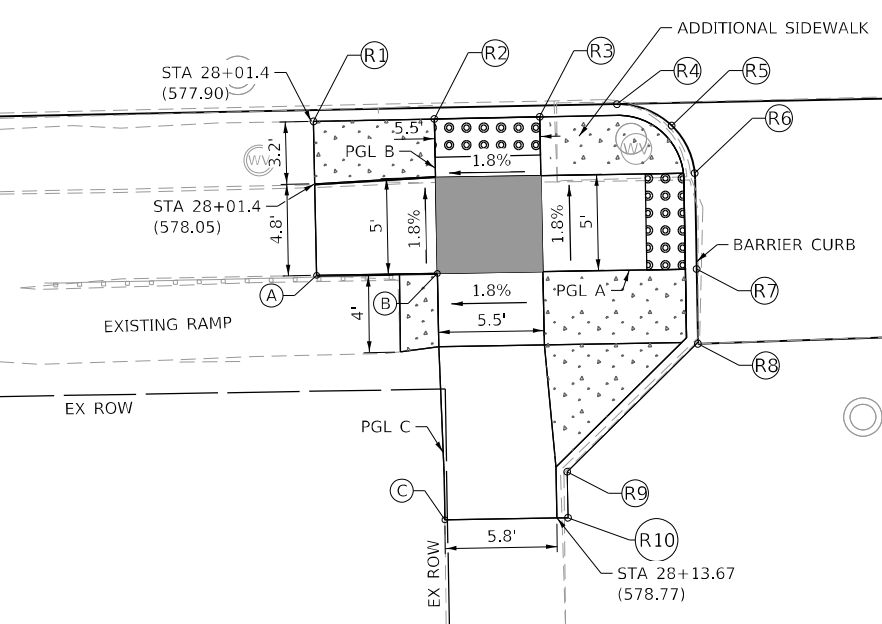
10+00

TONICA ST



POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	28+07.86	-26.14'	LT	577.84
R2	28+13.15	-26.18'	LT	577.91
R3	28+19.14	-27.96'	LT	577.97
R4	28+20.89	-32.48'	LT	578.00
R5	28+20.91	-39.76'	LT	578.04
R6	28+20.91	-40.00'	LT	578.04

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



USER NAME = rgoertz
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 5/17/2023

DESIGNED - SMK
 DRAWN - SKL
 CHECKED - SMK
 DATE - 05/18/2023

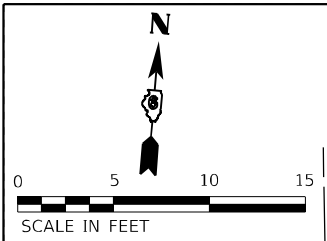
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
 IL 10 AT TONICA ST

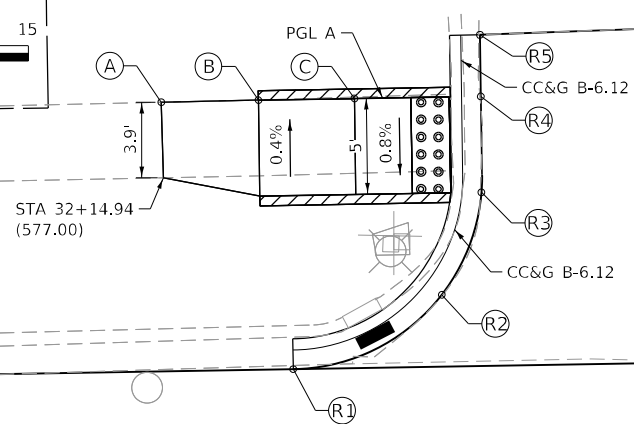
SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	167
CONTRACT NO. 72B88				



MASON ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

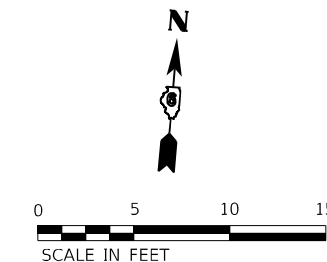
- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

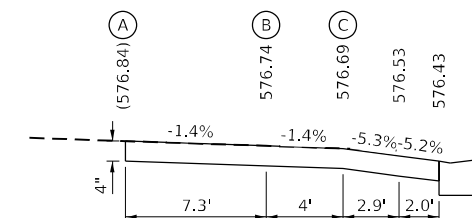
MASON ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SW QUAD MASON AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	32+21.58	26.70'	RT	576.15
R2	32+28.50	29.97'	RT	576.13
R3	32+30.48	34.50'	RT	576.31
R4	32+30.55	39.49'	RT	576.41
R5	32+30.55	41.00'	RT	576.43



PROFILE A



32

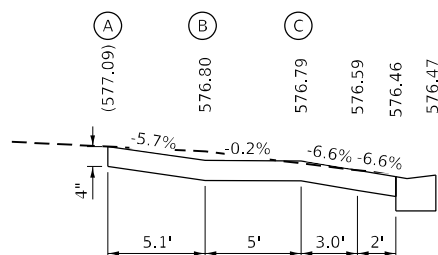
IL 10

10+00

STA 32+49.35 (IL 10) =
STA 0+00.00 (MASON ST)

EOP ELEVATIONS NW QUAD MASON AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	32+21.53	-25.00'	LT	576.33
R2	32+29.33	-28.75'	LT	576.32
R3	32+31.49	-34.05'	LT	576.42
R4	32+31.54	-39.05'	LT	576.47
R5	32+31.55	-42.25'	LT	576.50

PROFILE A



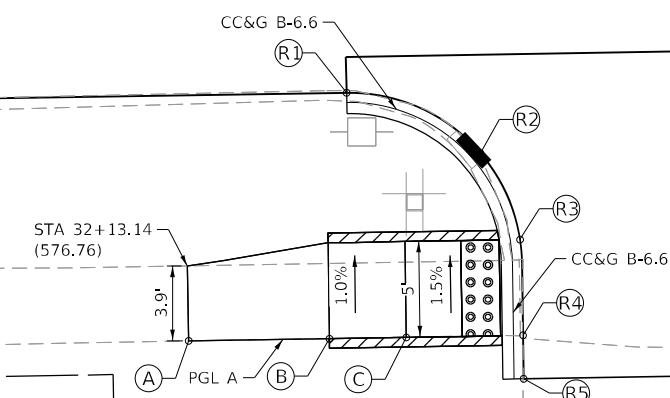
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

32

IL 10

10+00

STA 32+49.35 (IL 10) =
STA 0+00.00 (MASON ST)



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USER NAME	= rgoertz
PLOT SCALE	= 10,0000' / in.
PLOT DATE	= 5/17/2023

DESIGNED	- SMK	REVISED	-
DRAWN	- SKL	REVISED	-
CHECKED	- SMK	REVISED	-
DATE	- 05/18/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT MASON ST

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

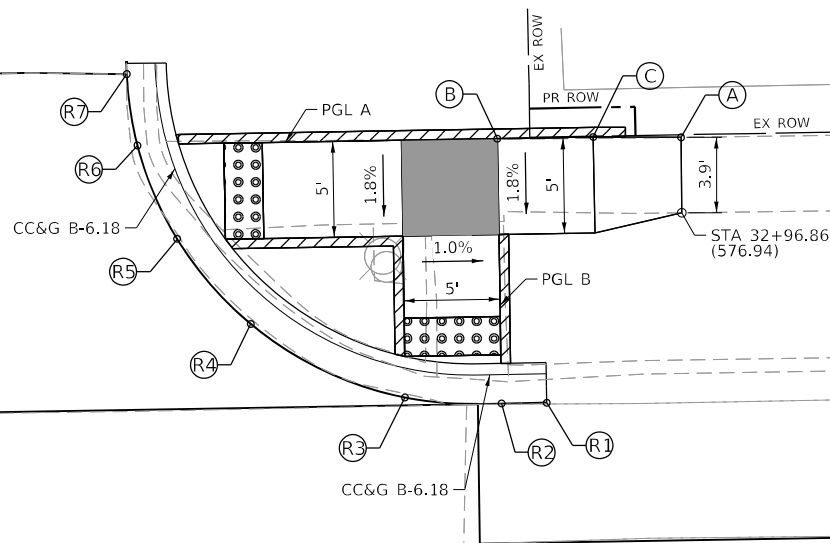
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	169
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW: (4RS-6,101RS-4)CR



MASON ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

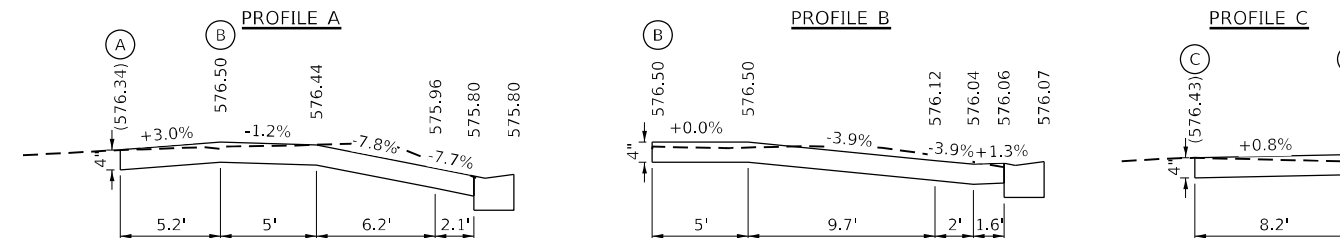
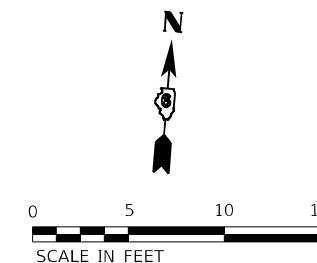
- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- () EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

MASON ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SE QUAD MASON AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	32+87.96	24.80'	RT	575.80
R2	32+87.30	24.80'	RT	575.80
R3	32+82.30	24.91'	RT	575.86
R4	32+73.41	28.70'	RT	575.94
R5	32+68.80	34.70'	RT	576.00
R6	32+67.38	39.70'	RT	576.07
R7	32+67.27	41.00'	RT	576.09



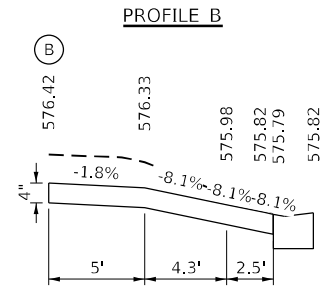
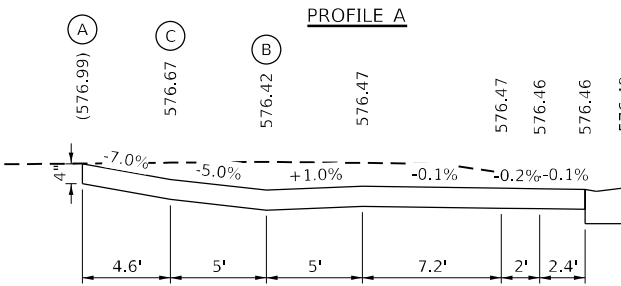
10+00

STA 32+49.35 (IL 10) =
STA 0+00.00 (MASON ST)

IL 10

33

EOP ELEVATIONS NE QUAD MASON AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	32+89.64	-25.00'	LT	575.78
R2	32+87.30	-25.00'	LT	575.82
R3	32+82.30	-25.40'	LT	575.91
R4	32+74.29	-29.37'	LT	576.24
R5	32+70.58	-33.80'	LT	576.41
R6	32+68.55	-38.80'	LT	576.49
R7	32+68.06	-42.33'	LT	576.55



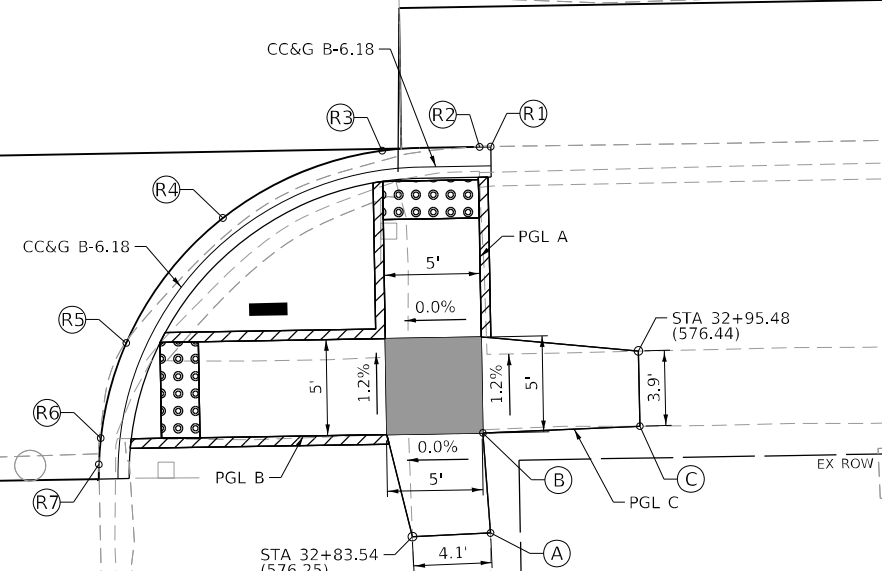
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

10+00

STA 32+49.35 (IL 10) =
STA 0+00.00 (MASON ST)

IL 10

33



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USER NAME	= rgoertz
PLOT SCALE	= 10,0000' / in.
PLOT DATE	= 5/17/2023

DESIGNED	- SMK
DRAWN	- SKL
CHECKED	- SMK
DATE	- 05/18/2023

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT MASON ST

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

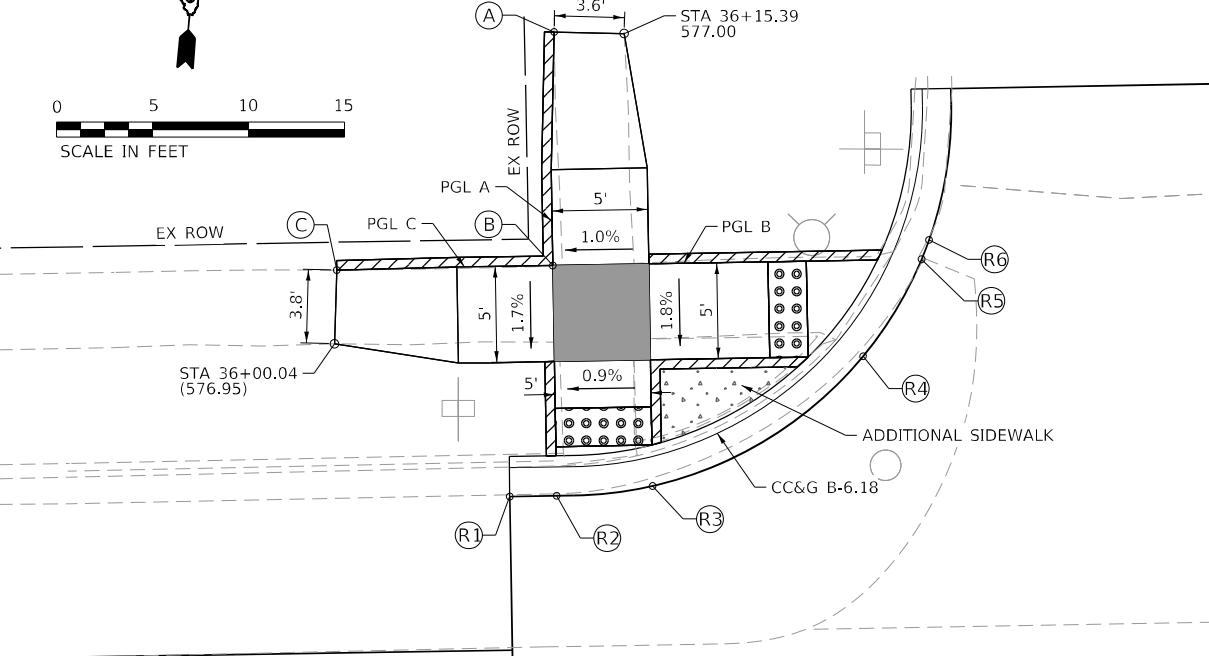
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	170
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



MENARD ST - NW QUAD

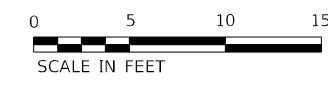
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

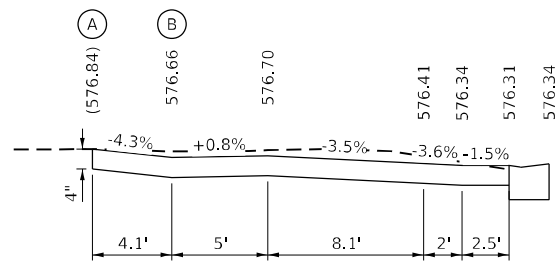


MENARD ST - SW QUAD

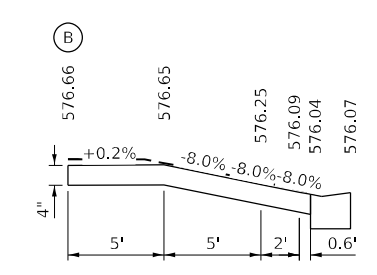
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

EOP ELEVATIONS SW QUAD MENARD AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	36+09.03	24.50'	RT	576.05
R2	36+11.47	24.50'	RT	576.07
R3	36+16.47	25.02'	RT	576.13
R4	36+29.08	34.20'	RT	576.30
R5	36+31.22	39.20'	RT	576.34
R6	36+31.42	40.00'	RT	576.34

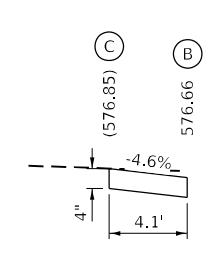
PROFILE A



PROFILE B



PROFILE C



36

IL 10

10+00

36

IL 10

10+00

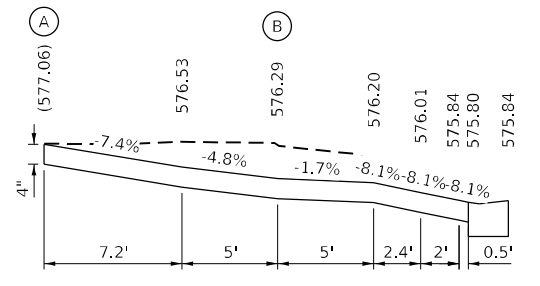
MENARD ST

STA 36+50.40 (IL 10) =
STA 0+00.00 (MENARD ST)

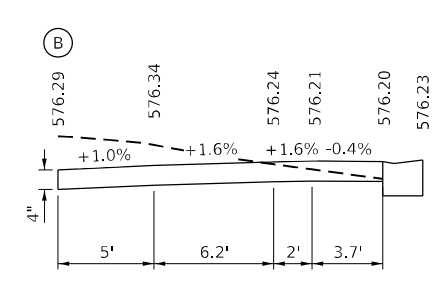
EOP ELEVATIONS NW QUAD MENARD AT IL 10				
POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	36+09.03	-25.50'	LT	575.79
R2	36+11.47	-25.50'	LT	575.84
R3	36+16.47	-25.93'	LT	575.92
R4	36+27.55	-32.50'	LT	576.15
R5	36+30.69	-37.50'	LT	576.23
R6	36+31.09	-38.50'	LT	576.23

STA 36+50.40 (IL 10) =
STA 0+00.00 (MENARD ST)

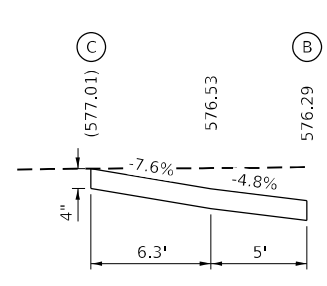
PROFILE A



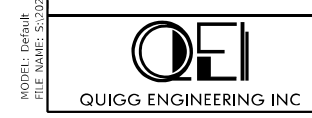
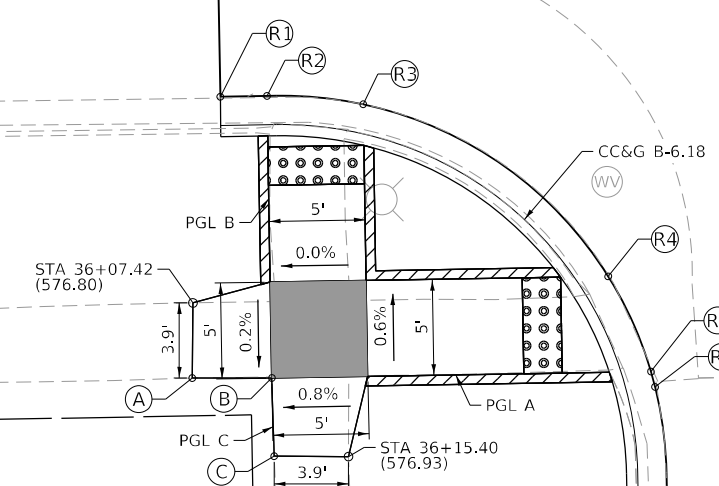
PROFILE B



PROFILE C



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



USER NAME = rgoertz	DESIGNED - SMK	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - SKL	REVISED -
PLOT DATE = 5/17/2023	CHECKED - SMK	REVISED -
	DATE - 05/18/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
IL 10 AT MENARD ST

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	171
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



MENARD ST - NE QUAD

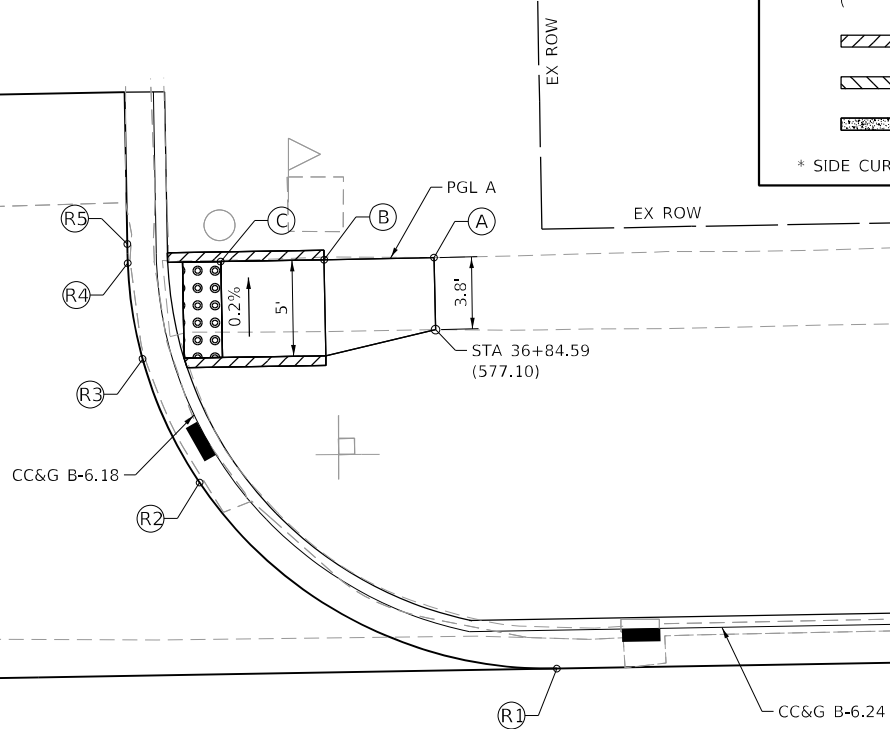
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

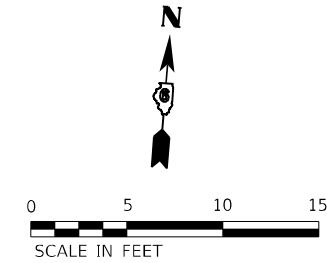
- DETECTABLE WARNINGS
- ADDITIONAL SIDEWALK
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT <= 9")
- TYPE B CURB SPL (9" < HEIGHT <= 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



MENARD ST - SE QUAD

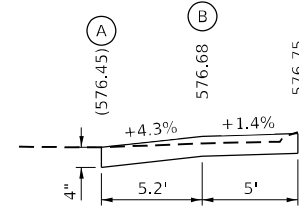
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



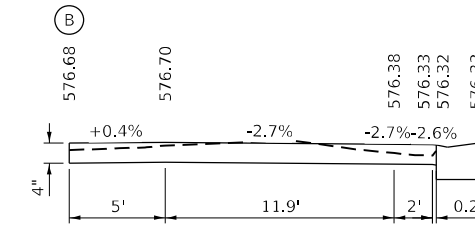
EOP ELEVATIONS SE QUAD
MENARD AT IL 10

POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	36+90.93	15.00'	RT	576.59
R2	36+72.96	24.31'	RT	576.34
R3	36+69.11	34.20'	RT	576.32
R4	36+68.93	39.20'	RT	576.33
R5	36+68.93	40.00'	RT	576.33

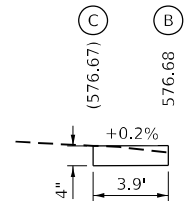
PROFILE A



PROFILE B



PROFILE C



10+00

STA 36+50.40 (IL 10) =
STA 0+00.00 (MENARD ST)

IL 10

37

10+00

STA 36+50.40 (IL 10) =
STA 0+00.00 (MENARD ST)

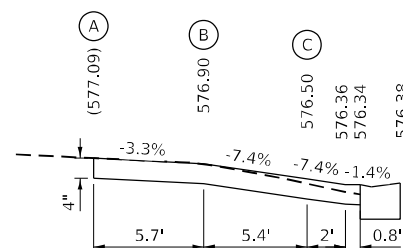
IL 10

37

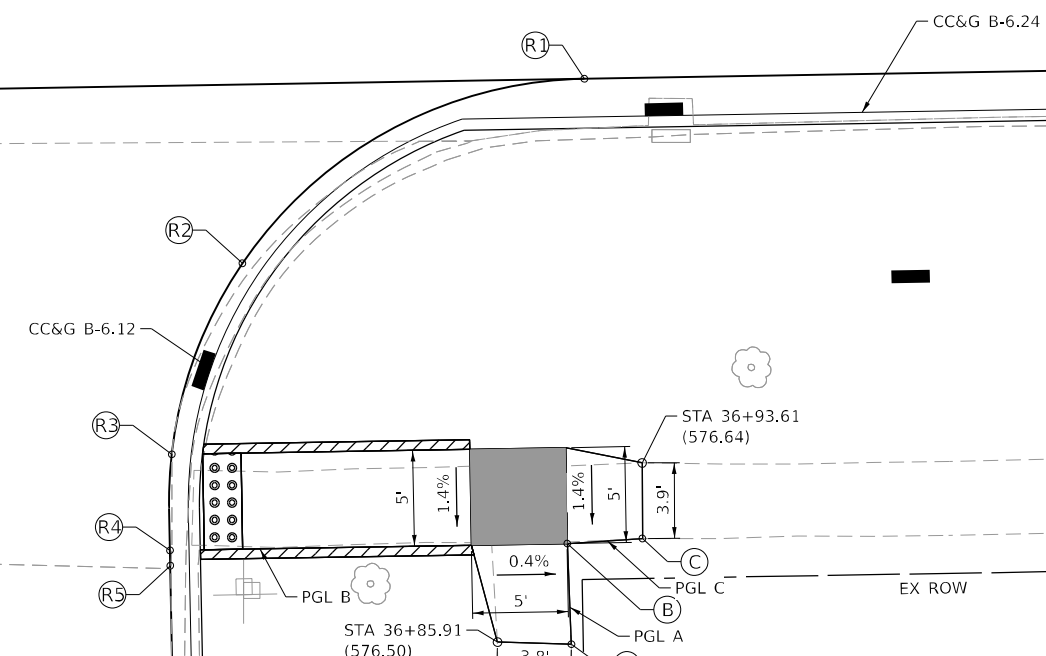
EOP ELEVATIONS NE QUAD
MENARD AT IL 10

POINT	STATION	OFFSET	LT/RT	ELEVATION
R1	36+90.61	-16.00'	LT	576.57
R2	36+72.17	-26.00'	LT	576.36
R3	36+69.31	-32.50'	LT	576.36
R4	36+68.62	-37.50'	LT	576.38
R5	36+68.61	-38.50'	LT	576.38

PROFILE A



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



MODEL: D:\p\h\p\...
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 DATE: 5/17/2023



USER NAME = rgoertz
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 5/17/2023

DESIGNED - SMK
 DRAWN - SKL
 CHECKED - SMK
 DATE - 05/18/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA - SIDEWALK DETAILS
 IL 10 AT MENARD ST

SCALE: 1"=5'

SHEET 2 OF 2 SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	172
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



DIVISION ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS



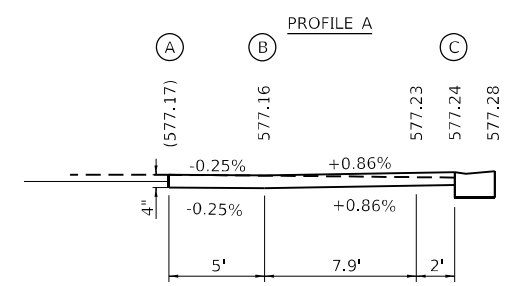
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

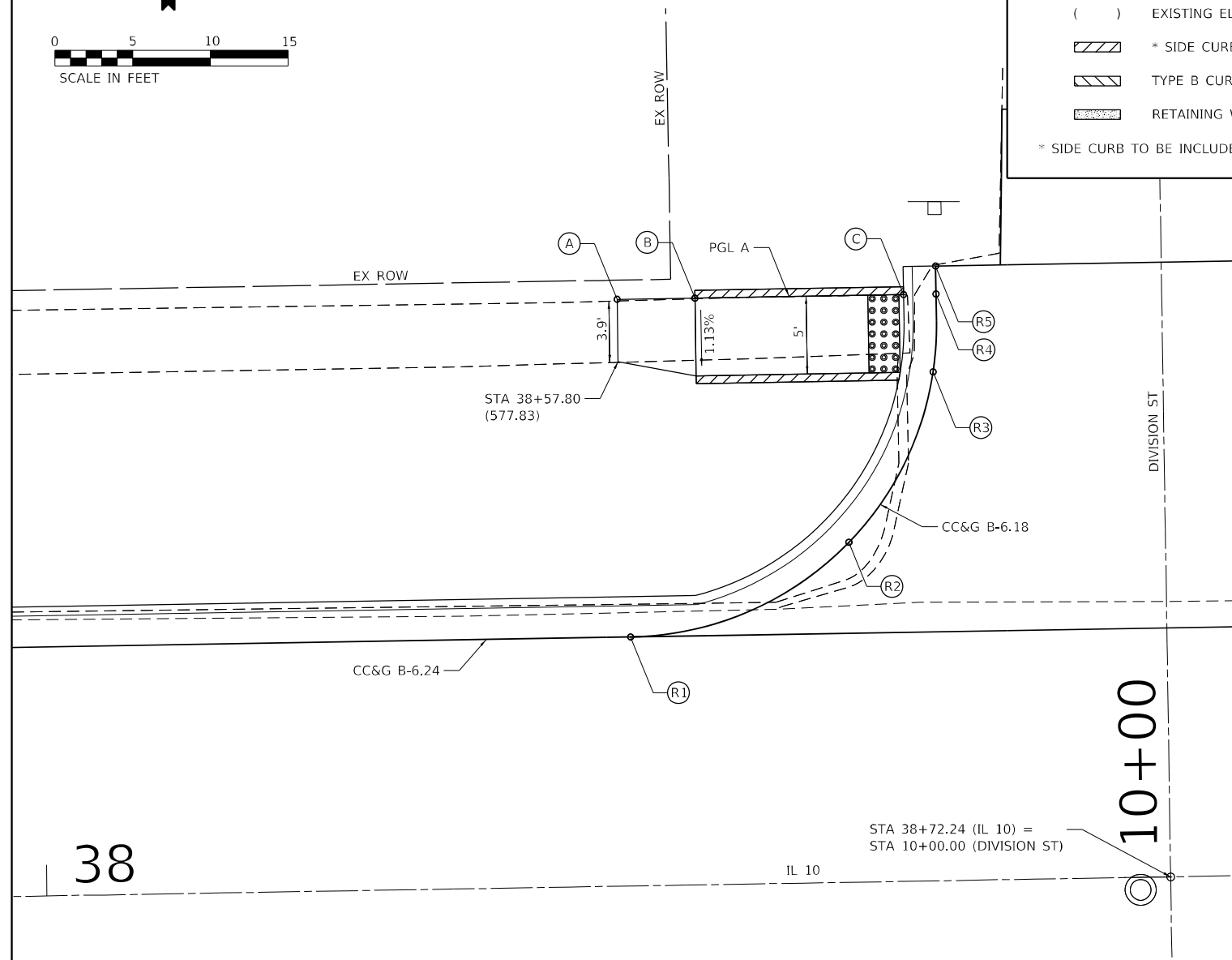
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

DIVISION ST - SW QUAD

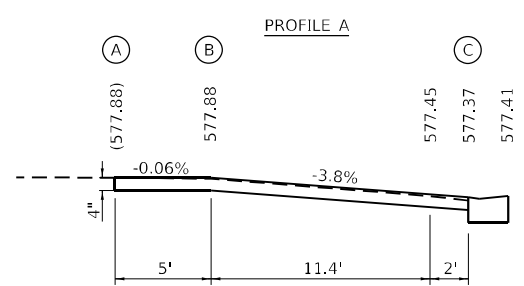
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS



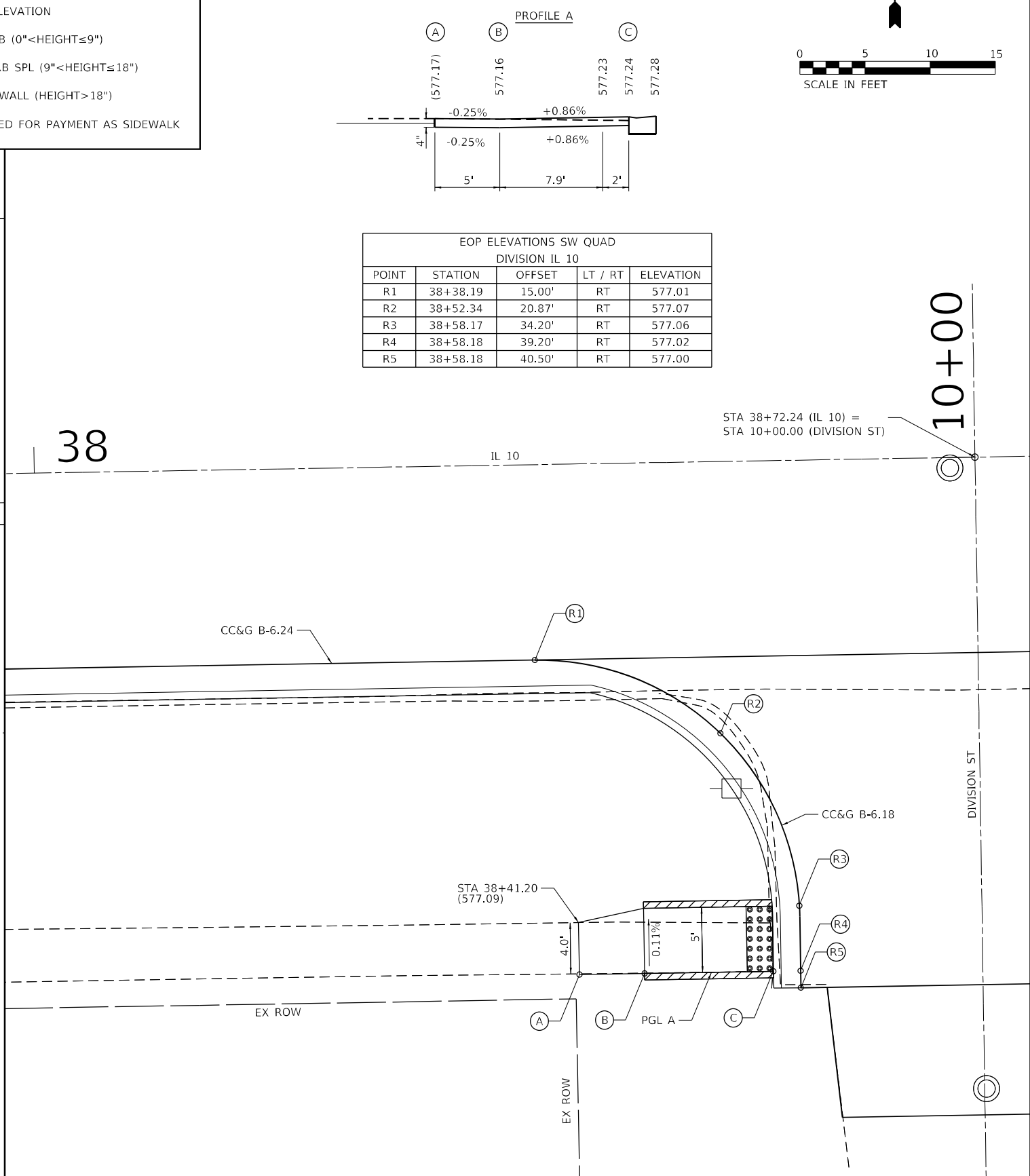
EOP ELEVATIONS SW QUAD DIVISION IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	38+38.19	15.00'	RT	577.01
R2	38+52.34	20.87'	RT	577.07
R3	38+58.17	34.20'	RT	577.06
R4	38+58.18	39.20'	RT	577.02
R5	38+58.18	40.50'	RT	577.00



EOP ELEVATIONS NW QUAD DIVISION IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	38+37.79	16.00'	LT	576.92
R2	38+51.92	21.85'	LT	577.15
R3	38+57.52	32.70'	LT	577.33
R4	38+57.79	37.70'	LT	577.41
R5	38+57.80	39.50'	LT	577.43



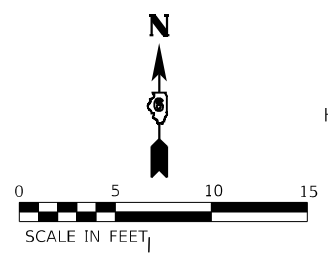
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



MODEL: d:\hatch\sheet 1... FILE NAME: V:\2023\03 - Mason City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\0672888-sha-10A-1.dgn

Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA SIDEWALK DETAILS IL 10 AT DIVISION ST	F.A.P. RTE. *	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,0000' / in.	CHECKED - JW	REVISED -			MASON	269	173		
	PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -	SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A		CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
(42)R, SW; (4RS-6, 101RS-4)CR



DIVISION ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS

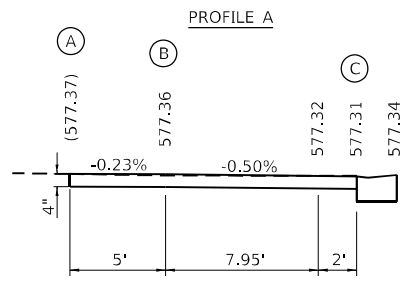
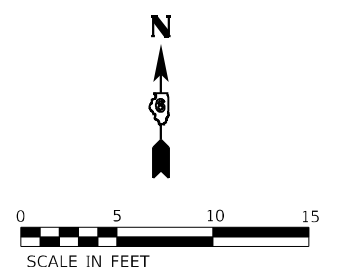
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

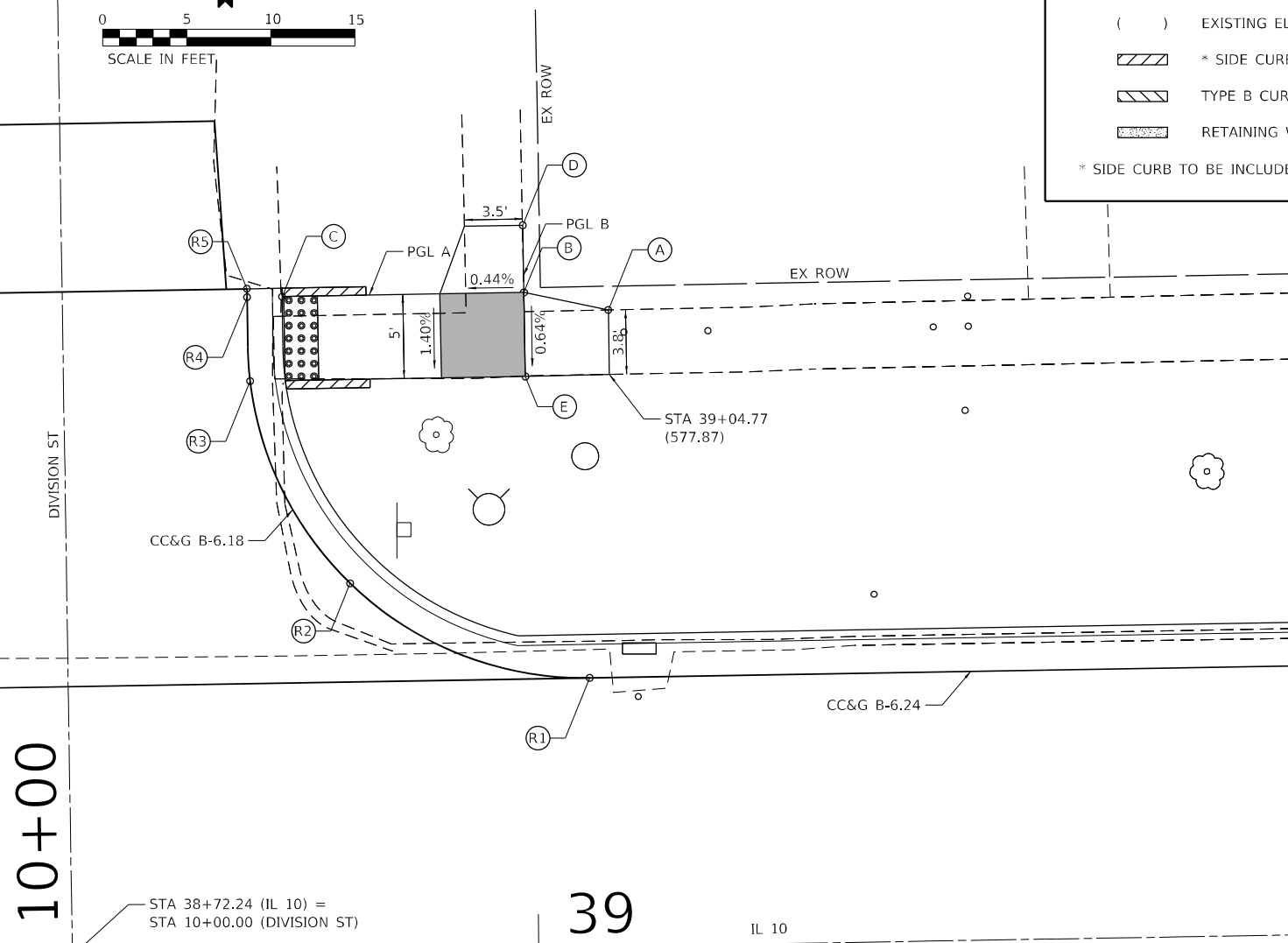
DIVISION ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS



EOP ELEVATIONS SE QUAD
DIVISION IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	39+03.69	15.00'	RT	577.09
R2	38+89.55	20.85'	RT	577.20
R3	38+83.70	34.20'	RT	577.31
R4	38+83.68	39.20'	RT	577.34
R5	38+83.68	40.50'	RT	577.35



10+00

STA 38+72.24 (IL 10) =
STA 10+00.00 (DIVISION ST)

39

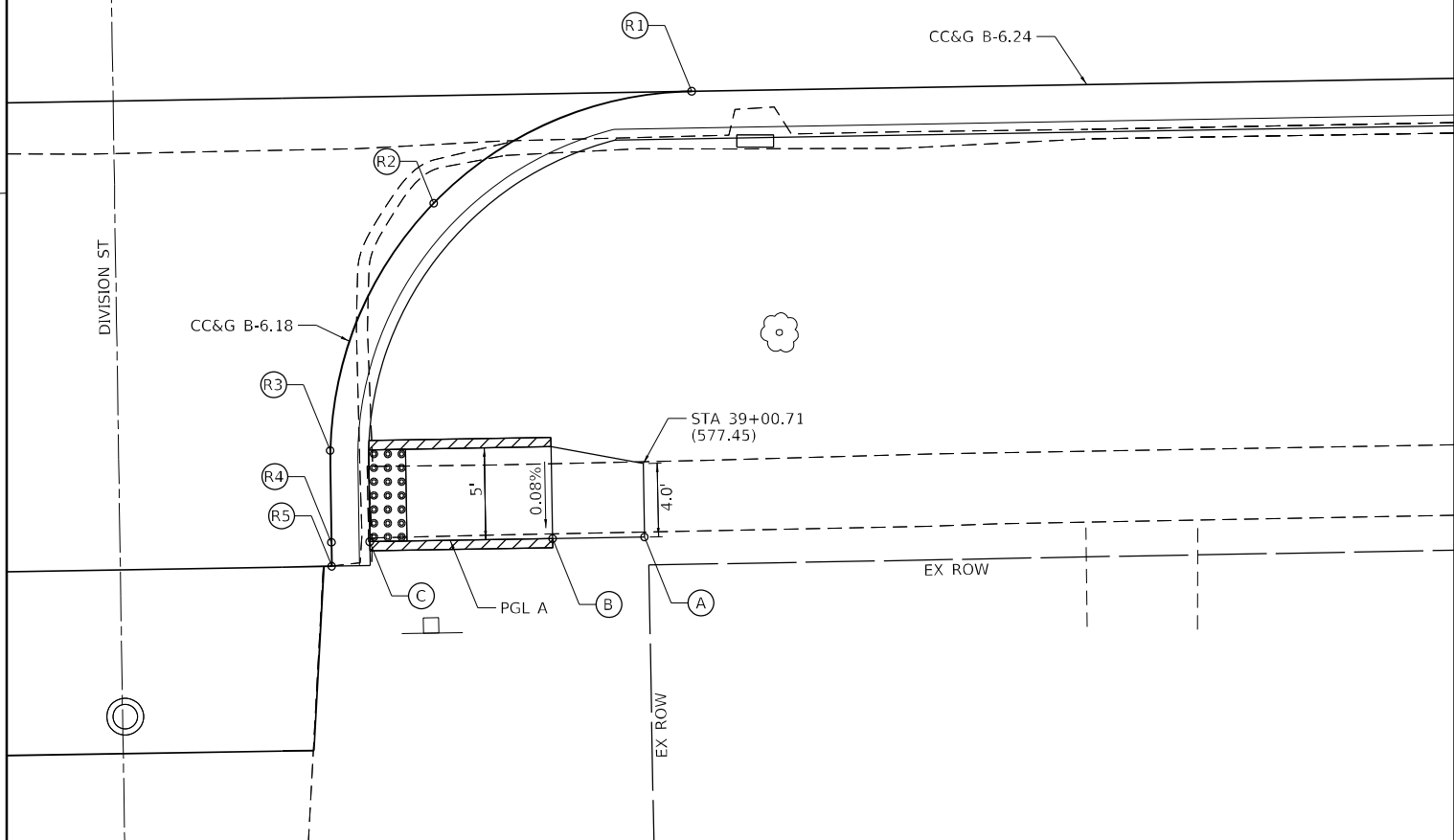
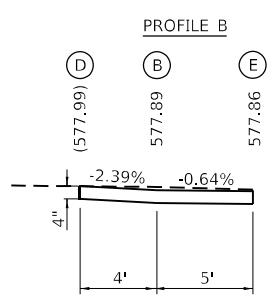
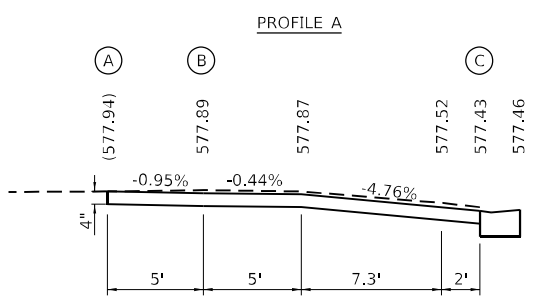
10+00

STA 38+72.24 (IL 10) =
STA 10+00.00 (DIVISION ST)

39

EOP ELEVATIONS NE QUAD
DIVISION IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	39+03.29	16.00'	LT	577.08
R2	38+89.14	21.87'	LT	577.20
R3	38+83.39	34.00'	LT	577.38
R4	38+83.30	39.00'	LT	577.46
R5	38+83.30	39.50'	LT	577.47



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

MODEL: d:\hiden\sheet 2
FILE NAME: V:\2023\1 - Mason City - IL 10 Reconstruction - DB\CADD\CADD Streets\67288-sha-DA-1.dgn



USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL 10 AT DIVISION ST

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	174
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



RUTLEDGE ST - NW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



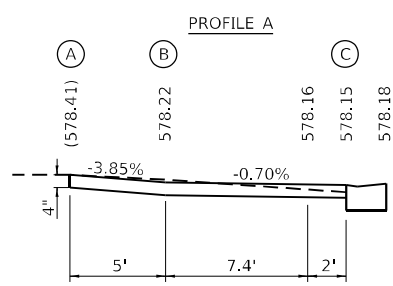
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT <= 9")
- TYPE B CURB SPL (9" < HEIGHT <= 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

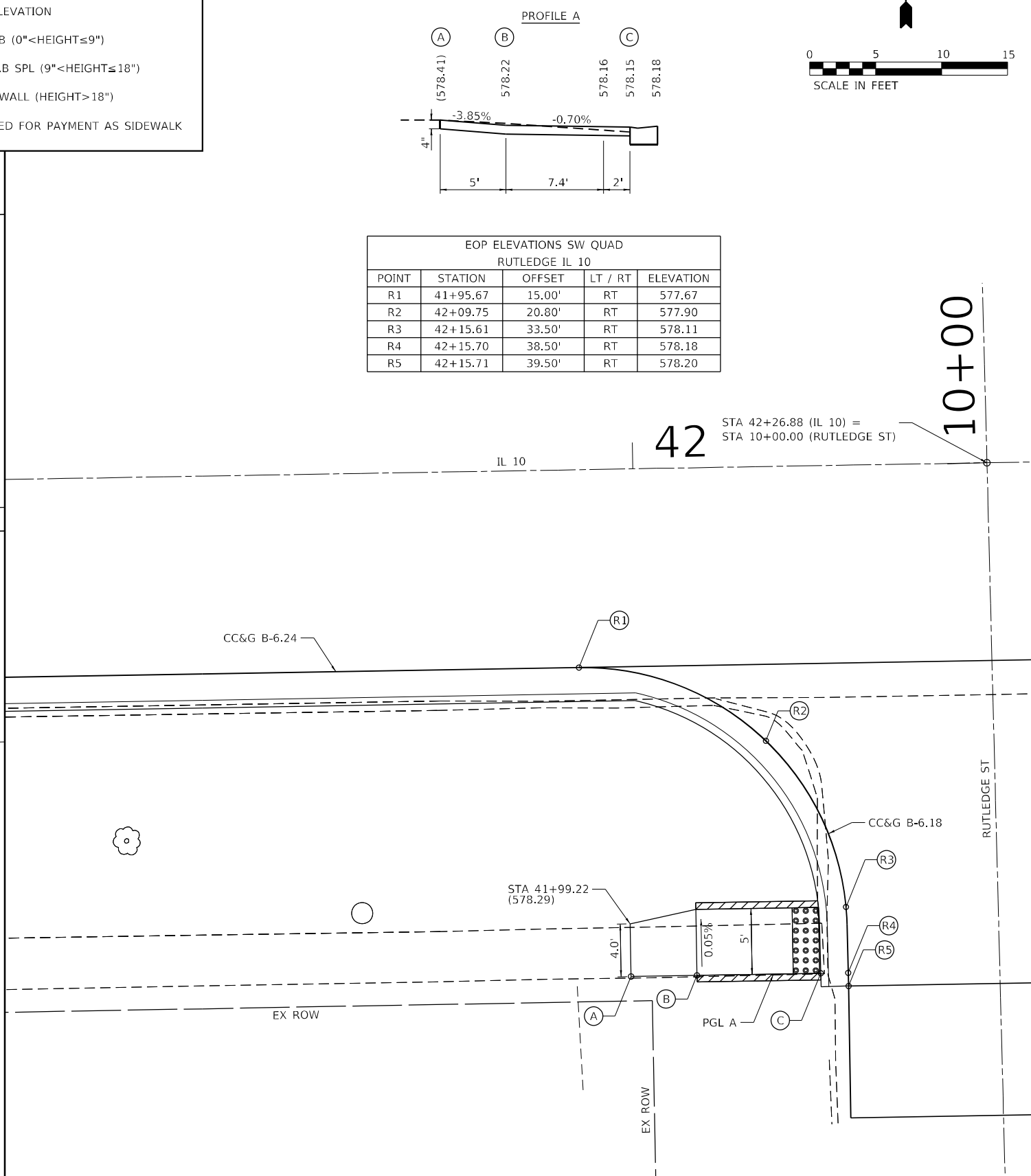
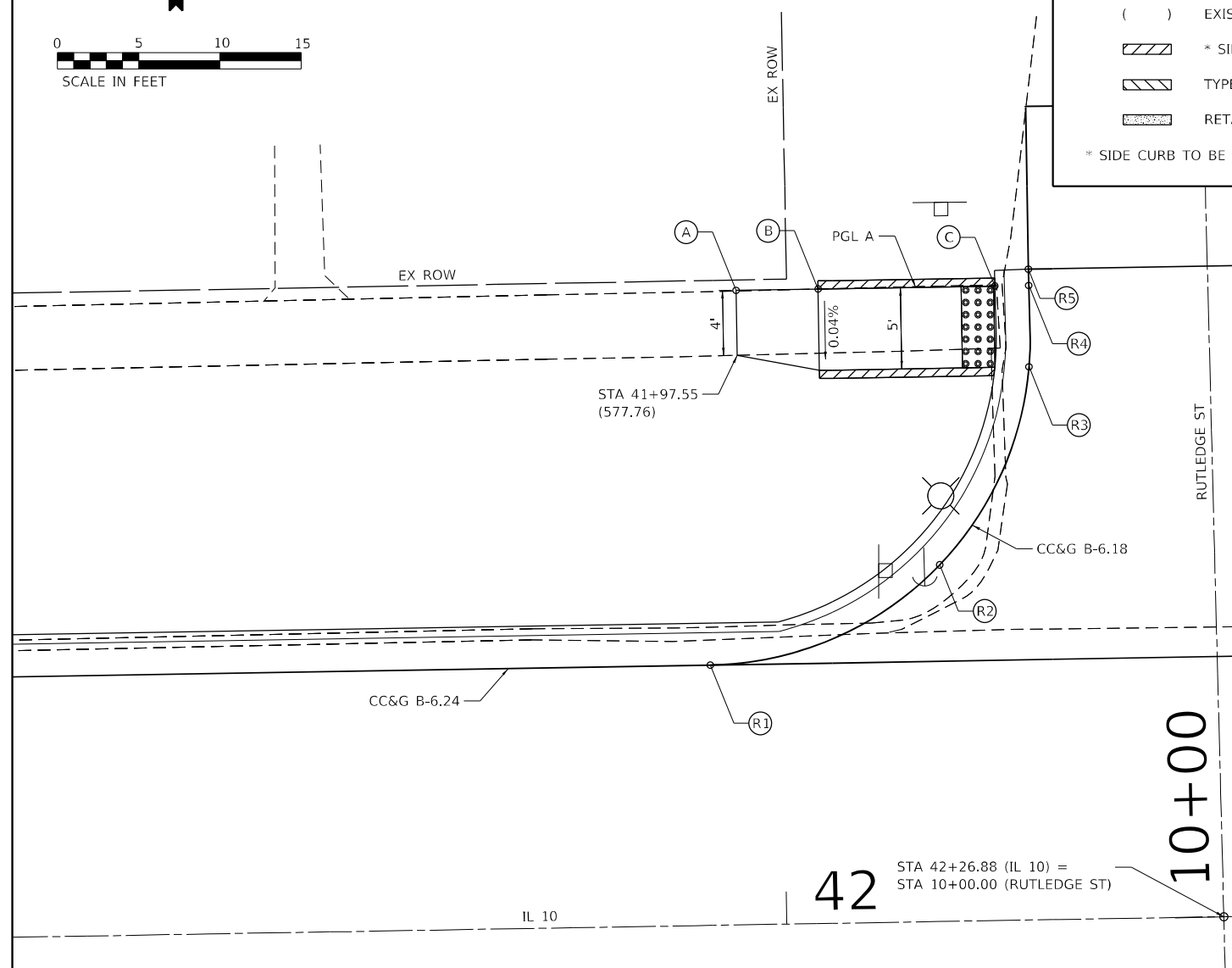
RUTLEDGE ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



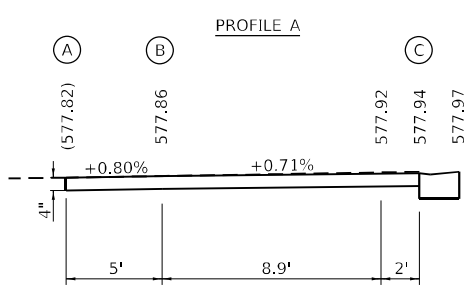
EOP ELEVATIONS SW QUAD RUTLEDGE IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	41+95.67	15.00'	RT	577.67
R2	42+09.75	20.80'	RT	577.90
R3	42+15.61	33.50'	RT	578.11
R4	42+15.70	38.50'	RT	578.18
R5	42+15.71	39.50'	RT	578.20



EOP ELEVATIONS NW QUAD RUTLEDGE IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	41+95.57	16.00'	LT	577.66
R2	42+09.77	21.92'	LT	577.81
R3	42+15.47	34.00'	LT	577.93
R4	42+15.55	39.00'	LT	577.97
R5	42+15.54	40.00'	LT	577.98



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

MODEL: h:\hatch\sheet1 - mason_city - il_10_reconstruction - D:\CADD\CADD_Sheets\0672888-sh-04-DA-2.dgn
FILE NAME: 04/19/2023 - mason_city - il_10_reconstruction - D:\CADD\CADD_Sheets\0672888-sh-04-DA-2.dgn



USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK DETAILS
IL 10 AT RUTLEDGE ST**

SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	175
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR

RUTLEDGE ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



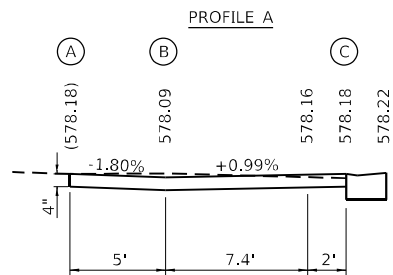
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

RUTLEDGE ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

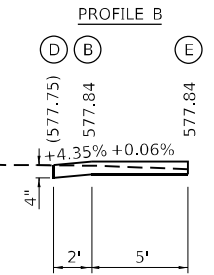
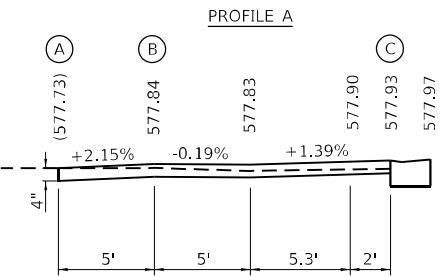


EOP ELEVATIONS SE QUAD
RUTLEDGE IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	42+55.52	15.00'	RT	577.48
R2	42+41.32	20.92'	RT	577.86
R3	42+35.58	33.50'	RT	578.13
R4	42+35.55	38.50'	RT	578.22
R5	42+35.56	39.50'	RT	578.23

10+00

STA 42+26.88 (IL 10) = STA 10+00.00 (RUTLEDGE ST)



EOP ELEVATIONS NE QUAD
RUTLEDGE IL 10

POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	42+55.58	16.00'	LT	577.46
R2	42+41.49	21.80'	LT	577.68
R3	42+35.66	34.20'	LT	577.89
R4	42+35.55	39.20'	LT	577.97
R5	42+35.54	40.00'	LT	577.98

THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

10+00

STA 42+26.88 (IL 10) = STA 10+00.00 (RUTLEDGE ST)

MODEL: h:\hatch\sheet 2 FILE NAME: 20220301 - Anson_City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\0672888-sh-04-DA-2.dgn

Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK DETAILS
IL 10 AT RUTLEDGE ST**

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	176
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW: (4RS-6,101RS-4)CR



GREEN ST - NW QUAD

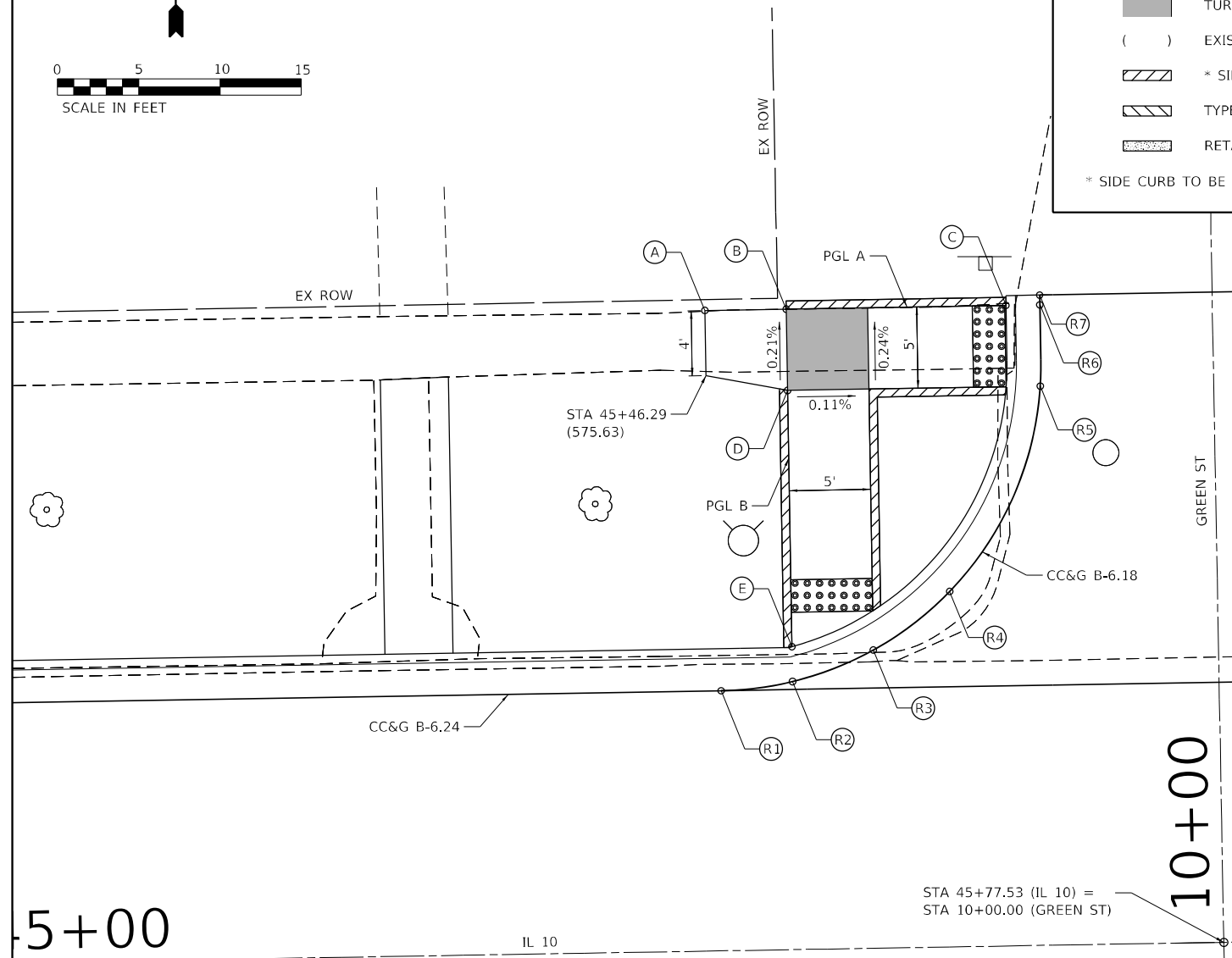
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



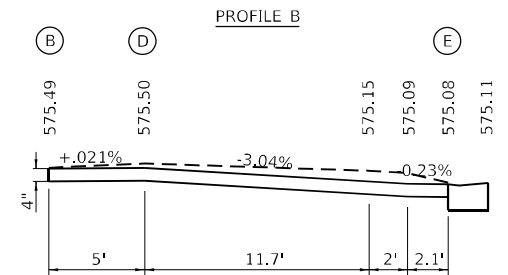
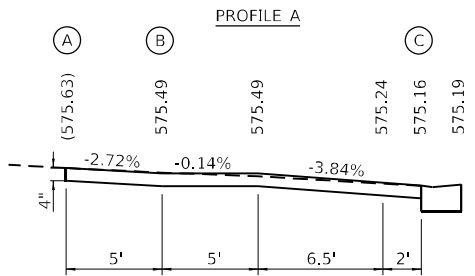
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



EOP ELEVATIONS NW QUAD GREEN IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	45+46.90	16.00'	LT	575.10
R2	45+51.29	16.49'	LT	575.11
R3	45+56.29	18.34'	LT	575.13
R4	45+61.05	21.87'	LT	575.14
R5	45+66.83	34.40'	LT	575.18
R6	45+66.89	39.40'	LT	575.19
R7	45+66.89	40.00'	LT	575.20



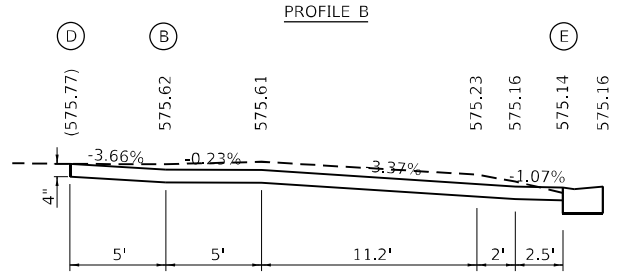
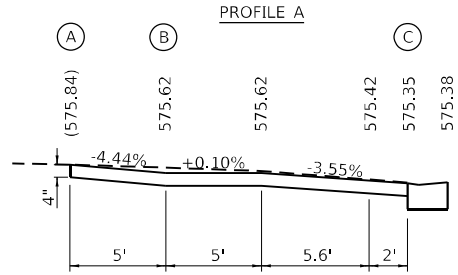
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

GREEN ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



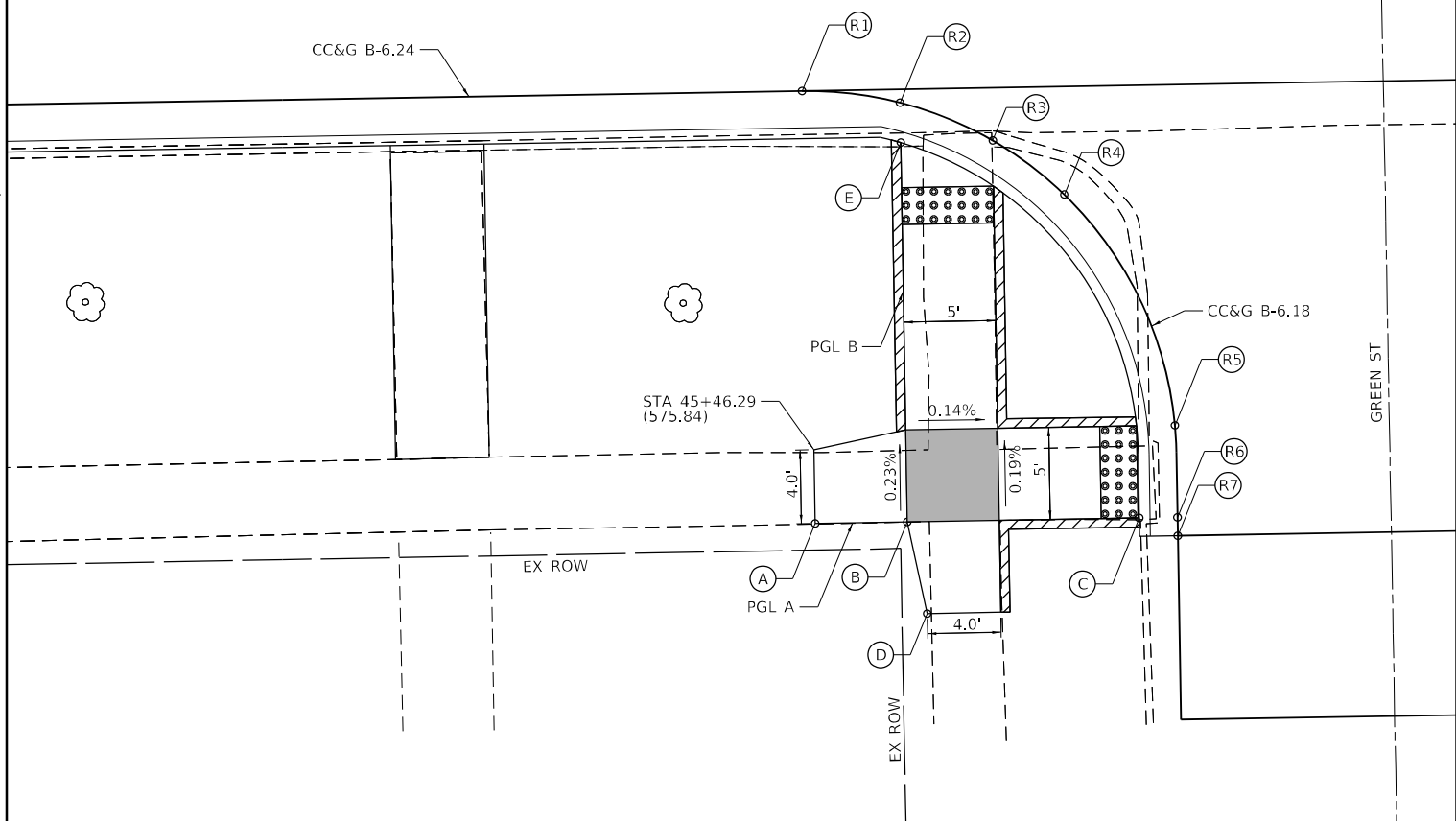
EOP ELEVATIONS SW QUAD GREEN IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	45+45.98	15.00'	RT	575.13
R2	45+51.29	15.72'	RT	575.16
R3	45+56.29	17.86'	RT	575.20
R4	45+60.13	20.86'	RT	575.24
R5	45+65.92	33.50'	RT	575.35
R6	45+65.97	38.50'	RT	575.38
R7	45+65.97	39.50'	RT	575.39



5+00

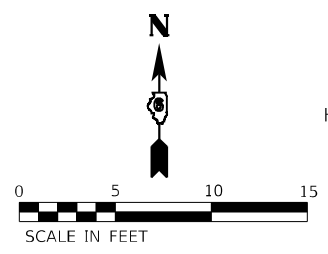
10+00

5+00



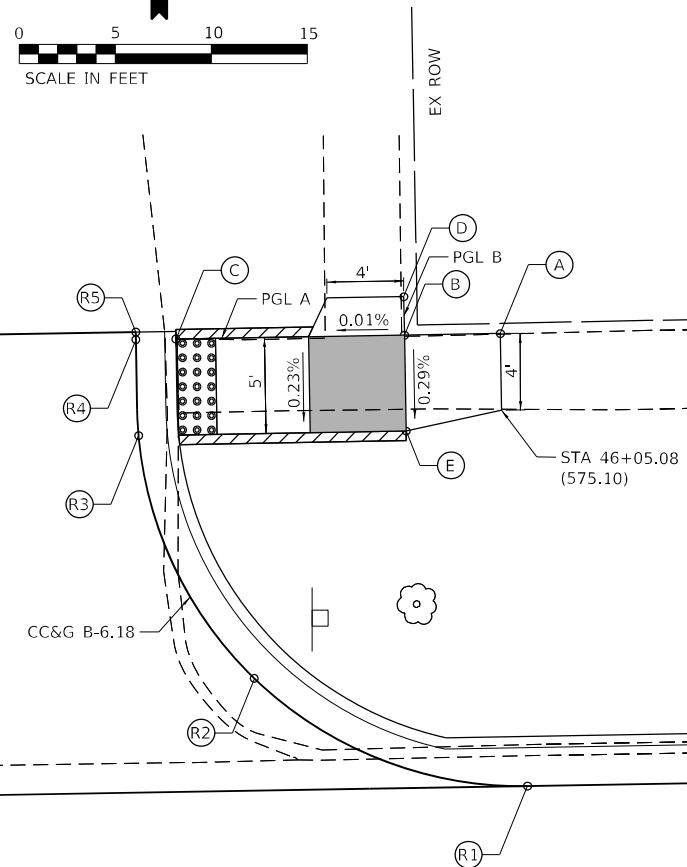
MODEL: Green - Sheet 1
 FILE NAME: V:\199501 - Anson City - IL 10 Reconstruction - DBICADD\CADD_Sheets\067288-sh-0A-2.dgn
 DATE: 5/18/2023

 Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene PLOT SCALE = 10,0000' / in. PLOT DATE = 5/18/2023	DESIGNED - LDZ DRAWN - RMD CHECKED - JW DATE - 04/17/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA SIDEWALK DETAILS IL 10 AT GREEN ST		F.A.P. RTE. = * SECTION = * COUNTY = MASON CONTRACT NO. 72B88	TOTAL SHEETS = 269 SHEET NO. = 177
	SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A		ILLINOIS FED. AID PROJECT FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR) (42)R,SW: (4RS-6,101RS-4)CR					



GREEN ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



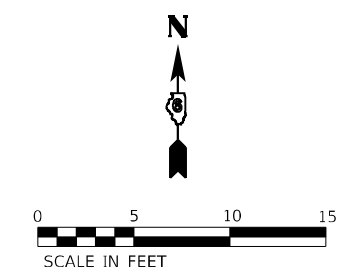
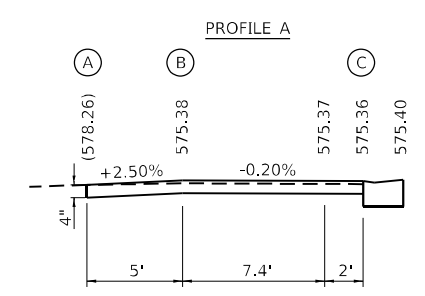
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

GREEN ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS SE QUAD GREEN IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	46+06.17	15.00'	RT	574.82
R2	45+92.02	20.87'	RT	575.00
R3	45+86.23	33.50'	RT	575.32
R4	45+86.17	38.50'	RT	575.40
R5	45+86.18	39.50'	RT	575.41

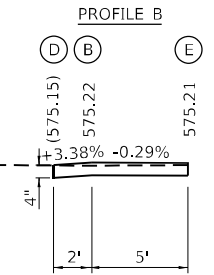
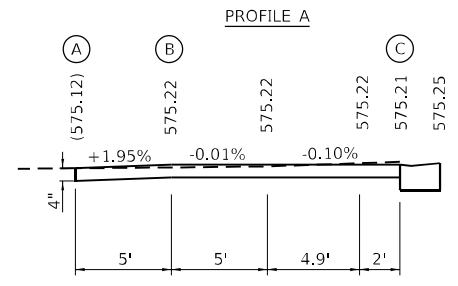
10+00

46

10+00

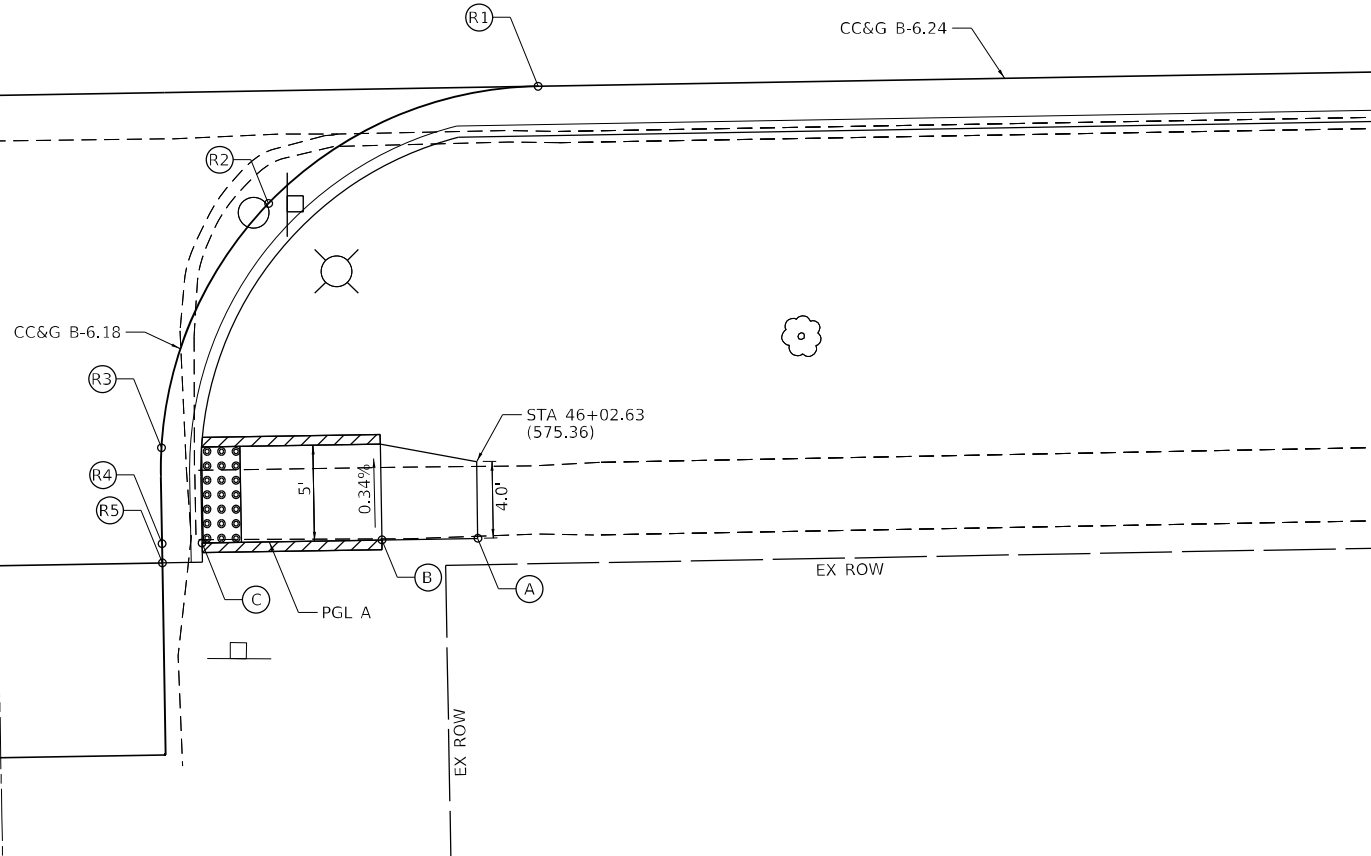
46

EOP ELEVATIONS NE QUAD GREEN IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	46+06.10	16.00'	LT	574.72
R2	45+91.96	21.85'	LT	574.92
R3	45+86.14	34.60'	LT	575.16
R4	45+86.09	39.60'	LT	575.25
R5	45+86.09	40.00'	LT	575.25



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

GREEN ST



MODEL: Green_Sheet_2
FILE NAME: V:\199501 - Anson_City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\0672888-sh-04-DA-2.dgn

Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCrane	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL 10 AT GREEN ST

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	178
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



YATES ST - NW QUAD

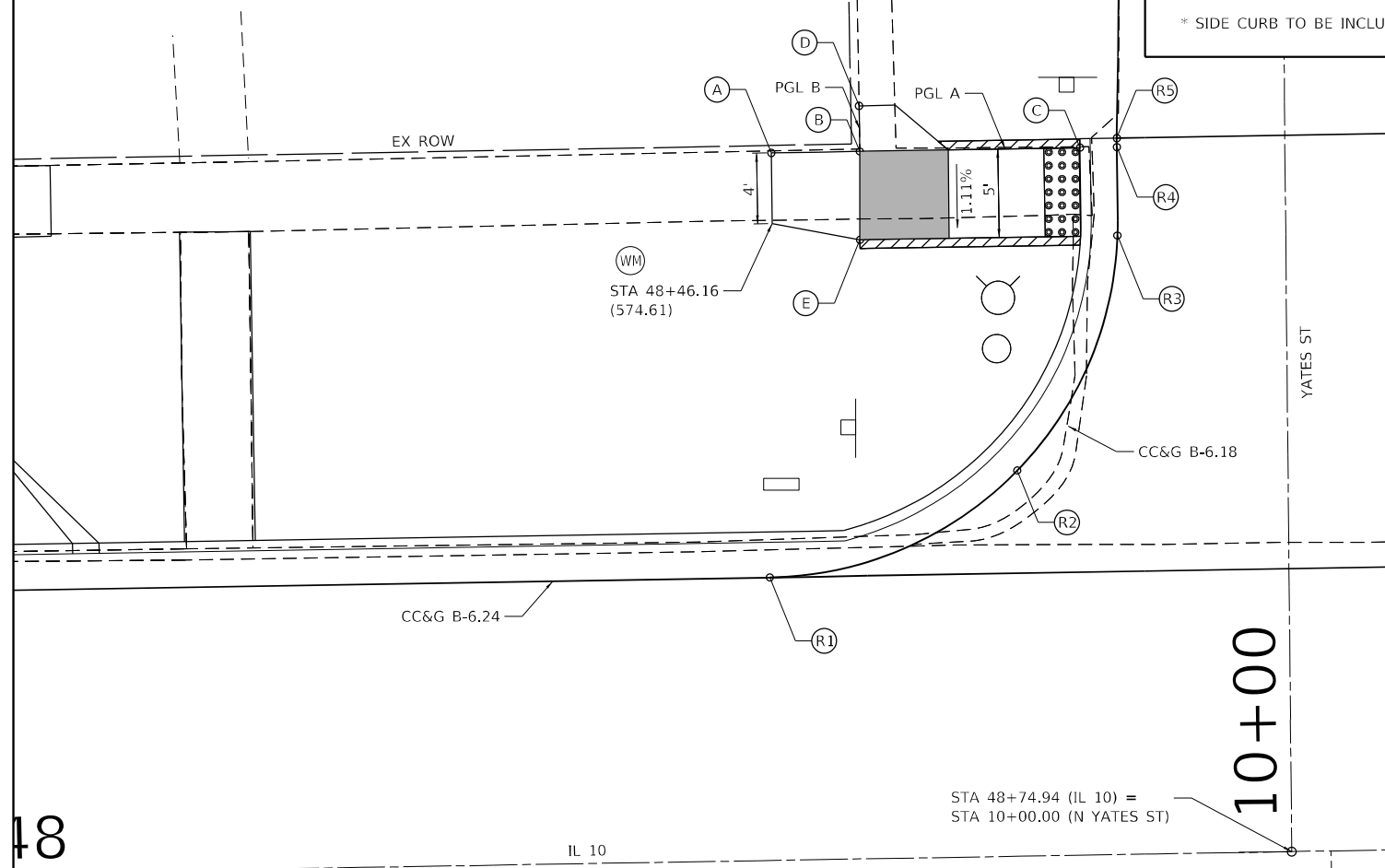
HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

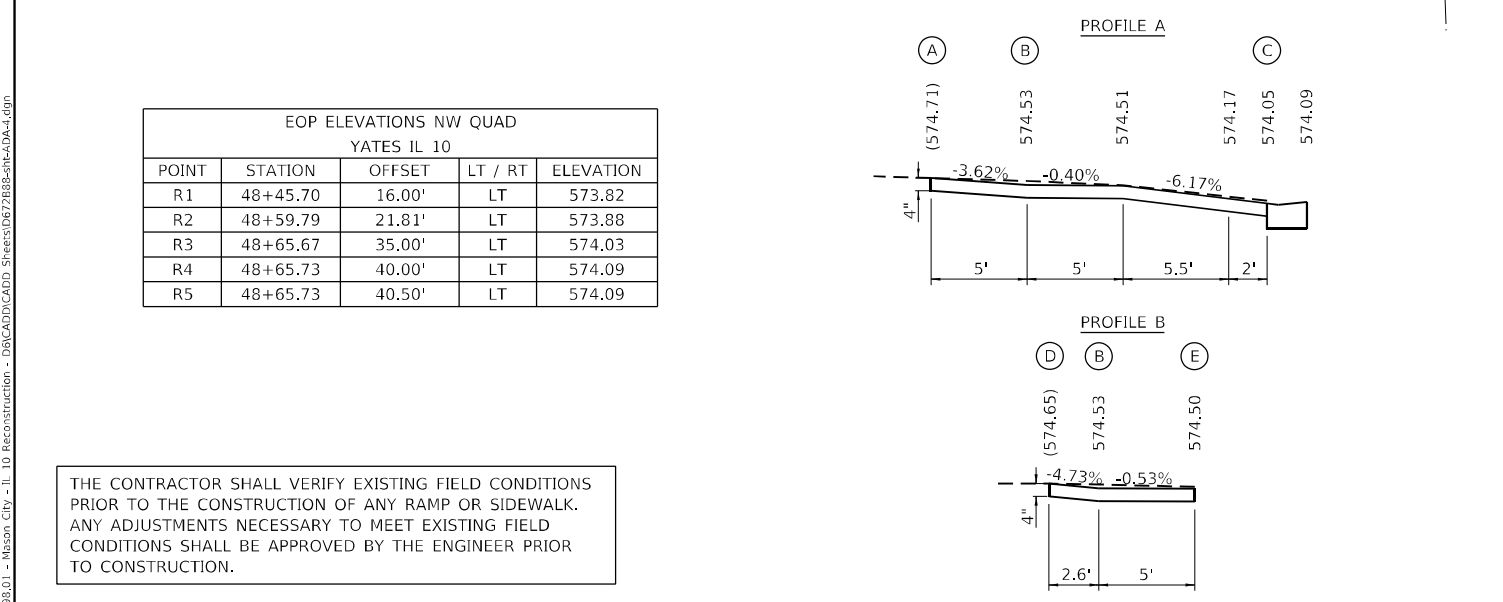
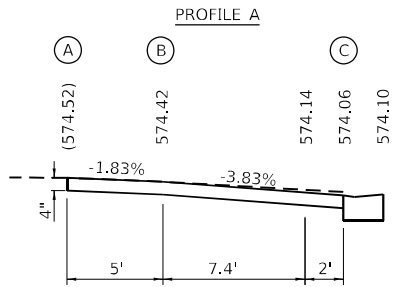
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK



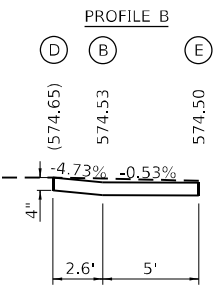
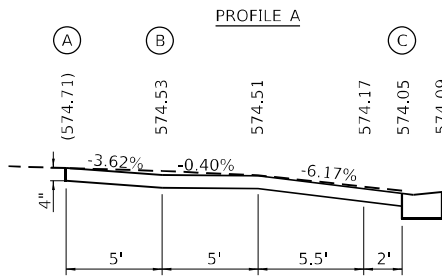
EOP ELEVATIONS SW QUAD YATES IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	48+45.67	15.00'	RT	573.71
R2	48+59.75	20.80'	RT	573.90
R3	48+65.62	33.60'	RT	574.04
R4	48+65.69	38.60'	RT	574.10
R5	48+65.70	39.50'	RT	574.11

YATES ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS NW QUAD YATES IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	48+45.70	16.00'	LT	573.82
R2	48+59.79	21.81'	LT	573.88
R3	48+65.67	35.00'	LT	574.03
R4	48+65.73	40.00'	LT	574.09
R5	48+65.73	40.50'	LT	574.09



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

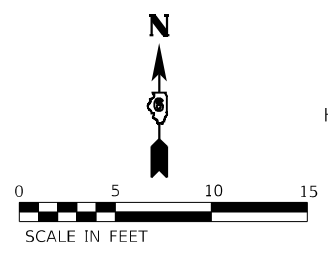
ADA SIDEWALK DETAILS
IL 10 AT YATES ST

SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	179
CONTRACT NO. 72B88				

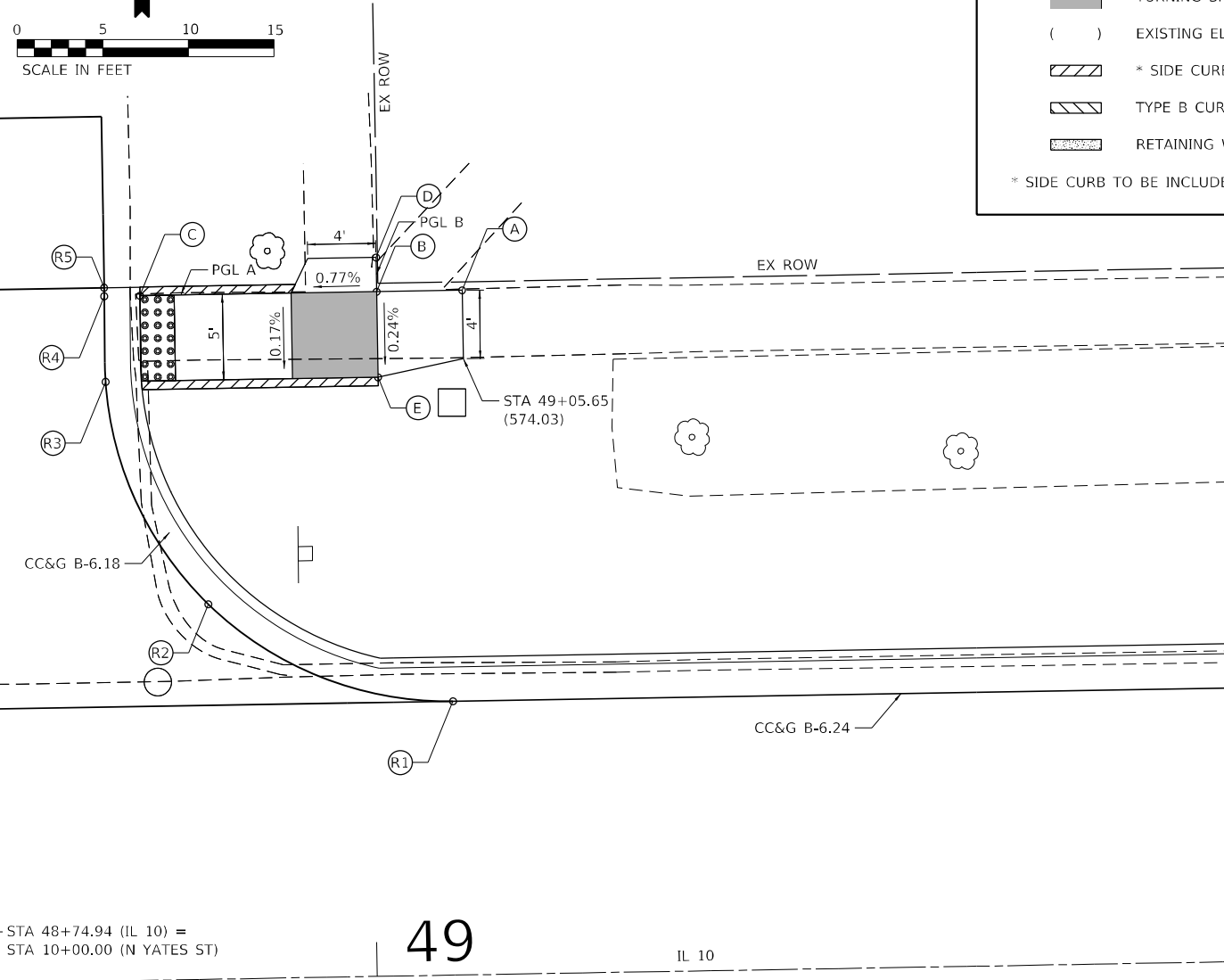
ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R, SW; (4RS-6, 101RS-4)CR

MODEL: Yates - Sheet 1
FILE NAME: Y:\499501 - Mason City - IL 10 Reconstruction - DBICADD\CADD_Sheets\672B88-sh4-DA-4.dgn



YATES ST - NE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



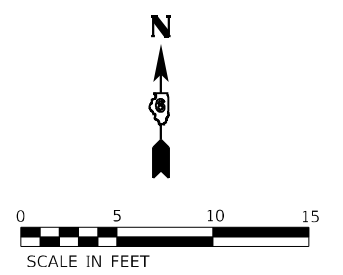
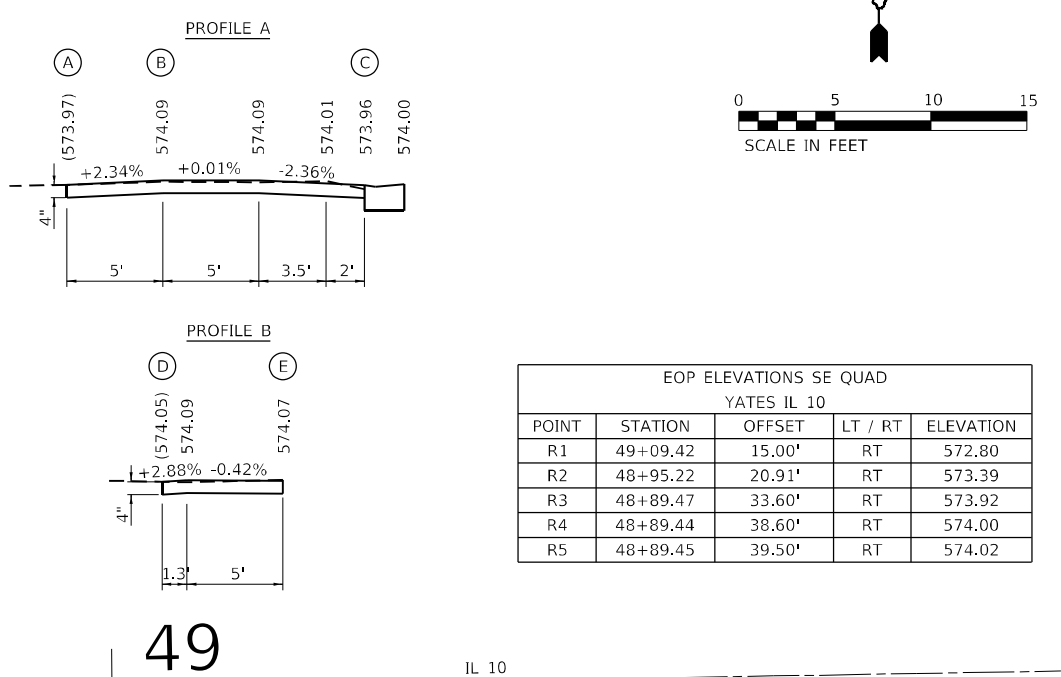
LEGEND

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

YATES ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP



EOP ELEVATIONS SE QUAD YATES IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	49+09.42	15.00'	RT	572.80
R2	48+95.22	20.91'	RT	573.39
R3	48+89.47	33.60'	RT	573.92
R4	48+89.44	38.60'	RT	574.00
R5	48+89.45	39.50'	RT	574.02

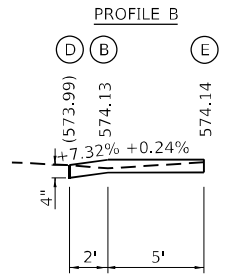
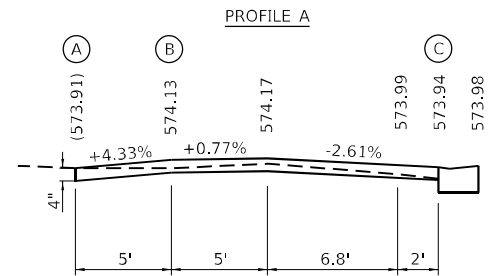
10+00

49

10+00

49

EOP ELEVATIONS NE QUAD YATES IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	49+04.70	16.00'	LT	572.88
R2	48+90.51	21.91'	LT	573.33
R3	48+84.72	35.00'	LT	573.90
R4	48+84.73	40.00'	LT	573.98
R5	48+84.73	40.50'	LT	573.99



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MODEL: 1818; SHEET: 1818-2; FILE: NAME: 10_10_Reconstruction - DBICADD\CADD_Street\0672888-sh-10A-4.dgn

Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL 10 AT YATES ST

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	180
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R, SW: (4RS-6, 101RS-4)CR

INDIANA ST - SW QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS

LEGEND

-  DETECTABLE WARNINGS
-  TURNING SPACE
-  EXISTING ELEVATION
-  * SIDE CURB (0" < HEIGHT ≤ 9")
-  TYPE B CURB SPL (9" < HEIGHT ≤ 18")
-  RETAINING WALL (HEIGHT > 18")

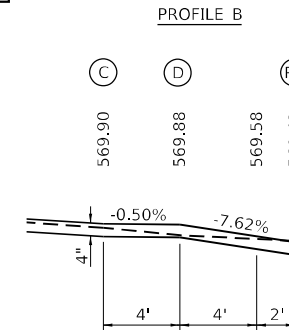
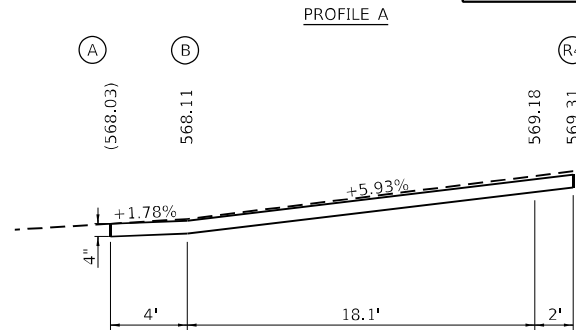
* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

INDIANA ST - SE QUAD

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS



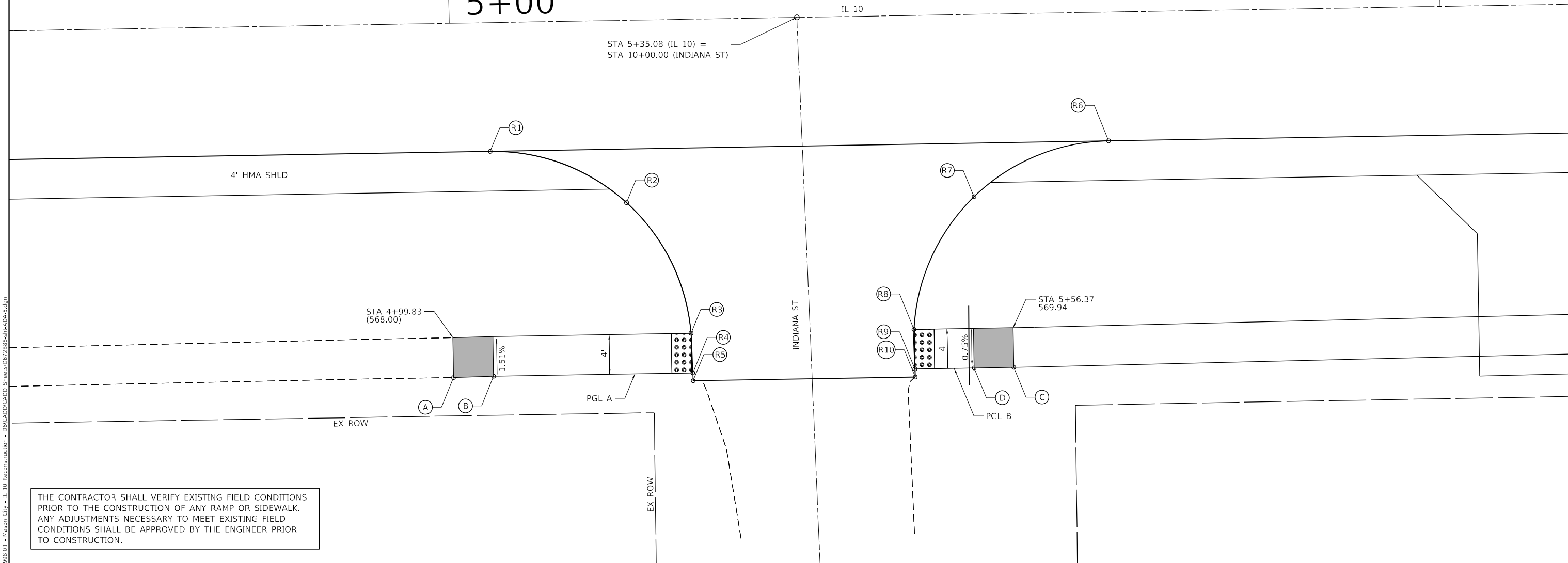
EOP ELEVATIONS SW QUAD INDIANA IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	5+03.91	13.00'	RT	570.20
R2	5+17.58	18.41'	RT	569.89
R3	5+23.87	31.70'	RT	569.37
R4	5+23.98	35.70'	RT	569.31
R5	5+24.00	36.50'	RT	569.30



EOP ELEVATIONS SE QUAD INDIANA IL 10				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R6	5+66.33	13.00'	RT	571.23
R7	5+52.65	18.41'	RT	570.36
R8	5+46.37	31.70'	RT	569.50
R9	5+46.39	35.70'	RT	569.42
R10	5+46.41	36.50'	RT	569.41

5+00

6



THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

MODEL: Indiana - sheet 1
FILE NAME: 20220301 - Insn - City - IL - 10 Reconstruction - DB/CADD/CADD Streets/67288-sh-4-DA-5.dgn

Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

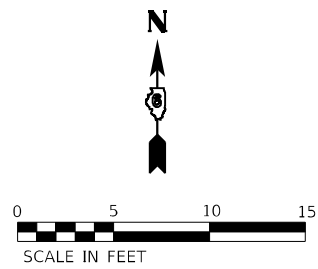
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL 10 AT INDIANA ST

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

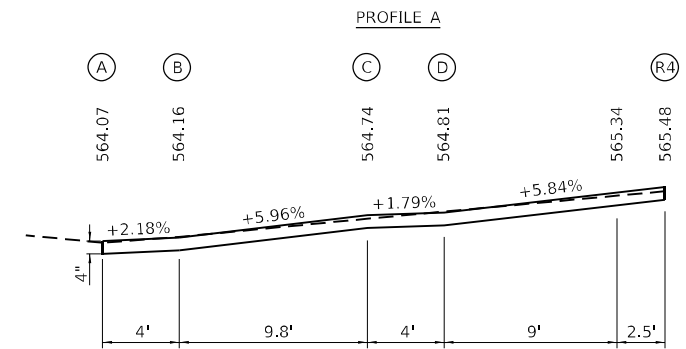
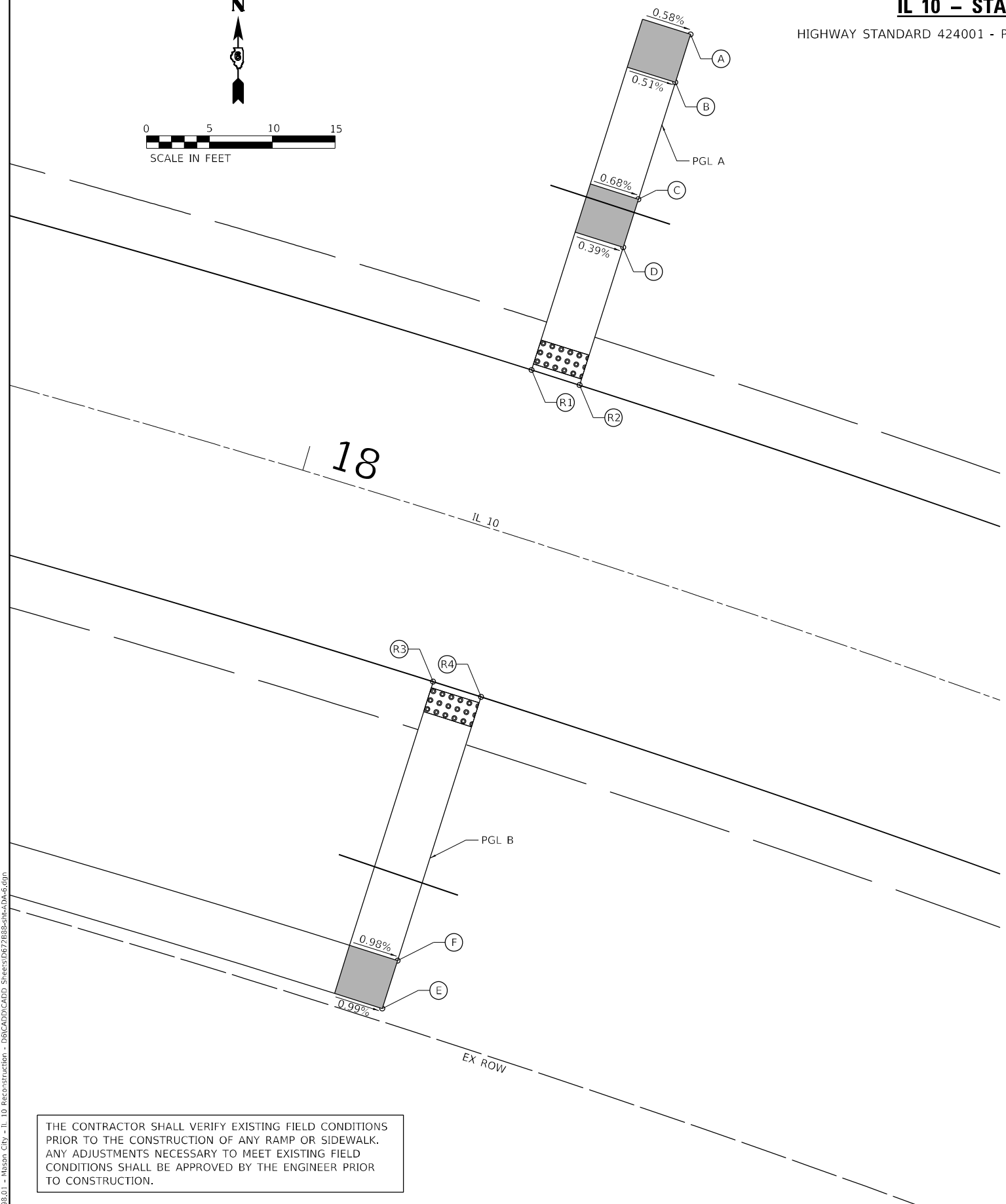
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	181
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



IL 10 - STA 18+16.94

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMP

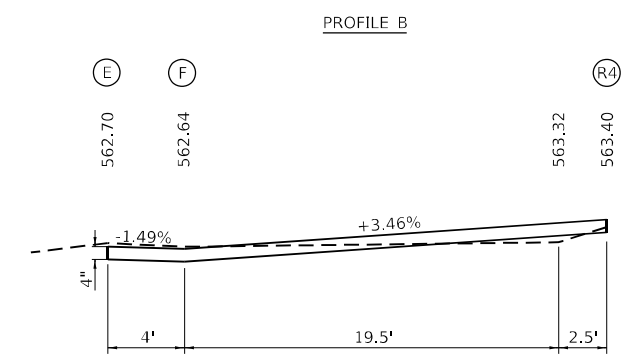


EOP ELEVATIONS IL 10 STA 18+16.94				
POINT	STATION	OFFSET	LT / RT	ELEVATION
R1	18+14.94	13.00'	LT	565.52
R2	18+18.90	13.00'	LT	565.48
R3	18+14.94	13.00'	RT	563.44
R4	18+18.99	13.00'	RT	563.40

LEGEND

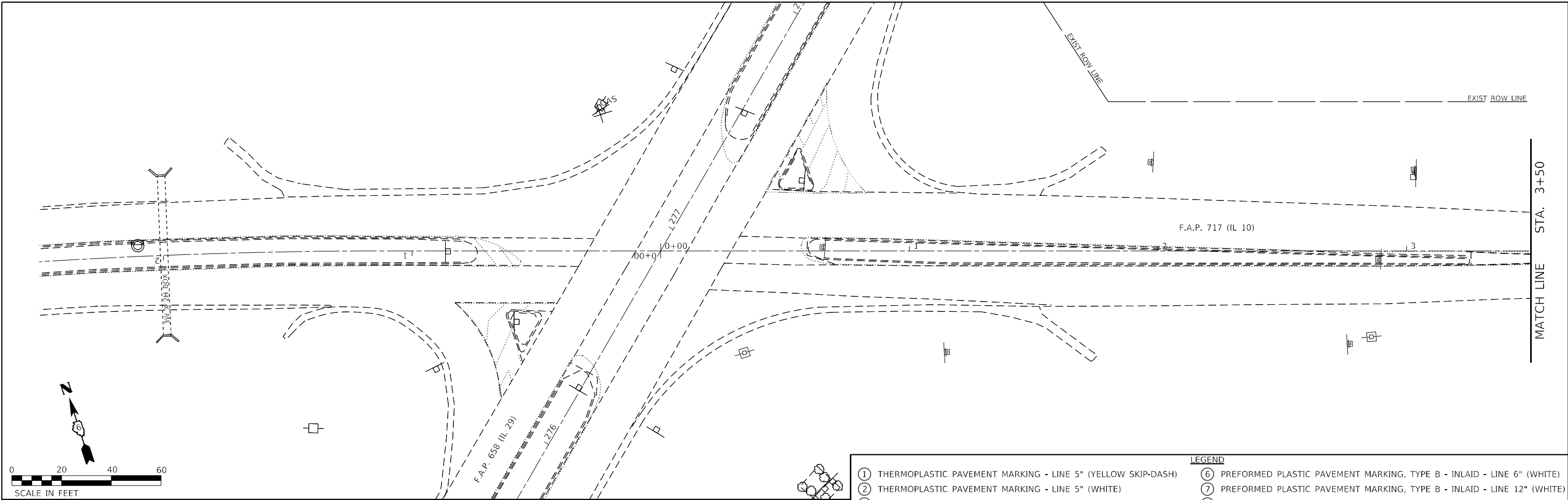
- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- * SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- RETAINING WALL (HEIGHT > 18")

* SIDE CURB TO BE INCLUDED FOR PAYMENT AS SIDEWALK

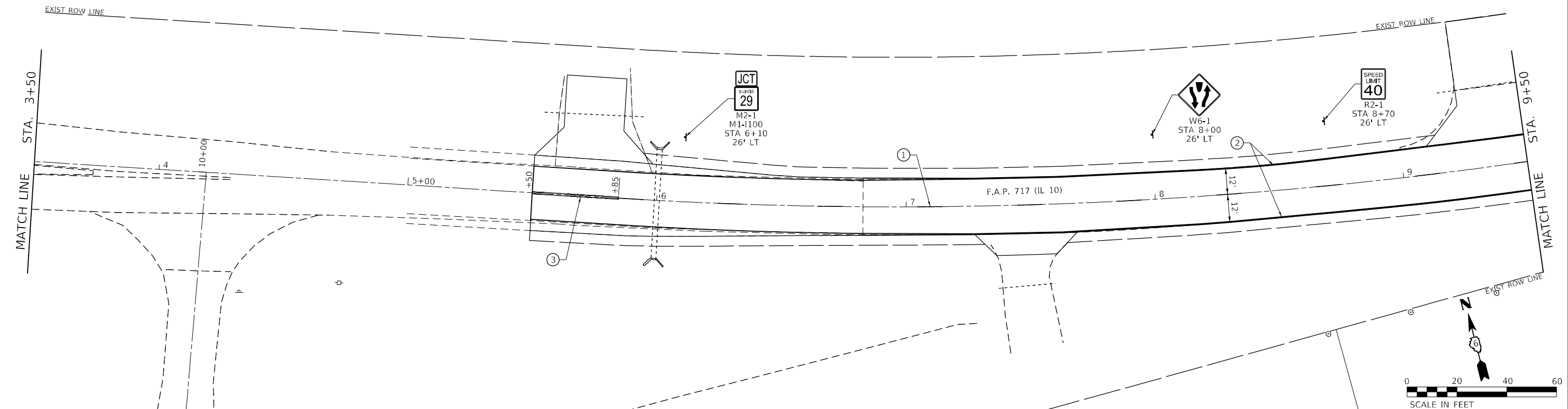


THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

MODEL: I:\projects\sheet 1 - IL 10 Reconstruction - DBICADD\CADD_Sheets\067288-sheet-04A.dwg
FILE NAME: 04292023 - Anson_City - IL 10 Reconstruction - DBICADD\CADD_Sheets\067288-sheet-04A.dwg



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



MODEL: Default
 FILE NAME: \\s0908.01 - Mason_City - IL 10 Reconstruction - DBICADD\CADD_Street\0672888-schematics.dgn

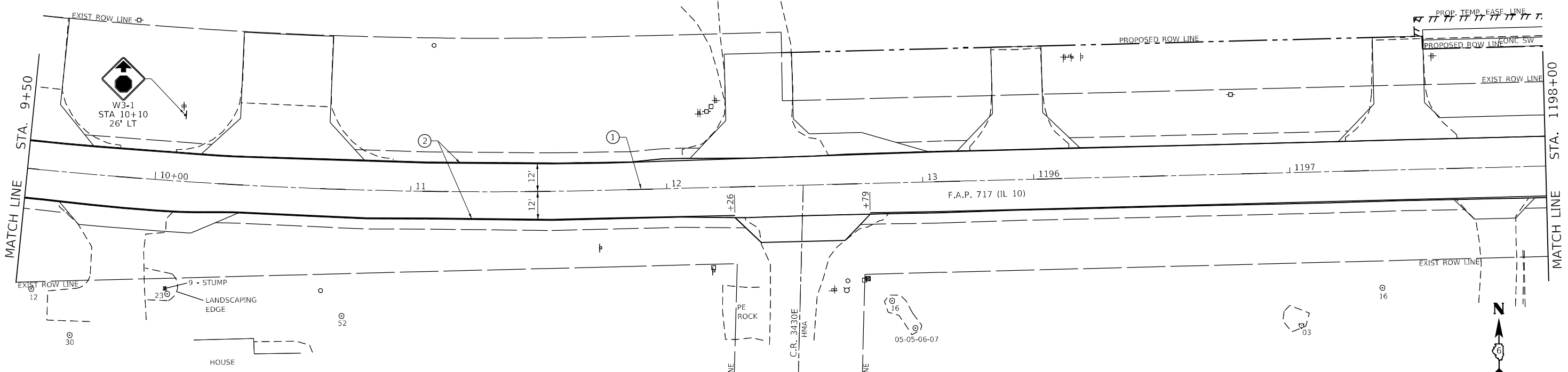
USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 5/18/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

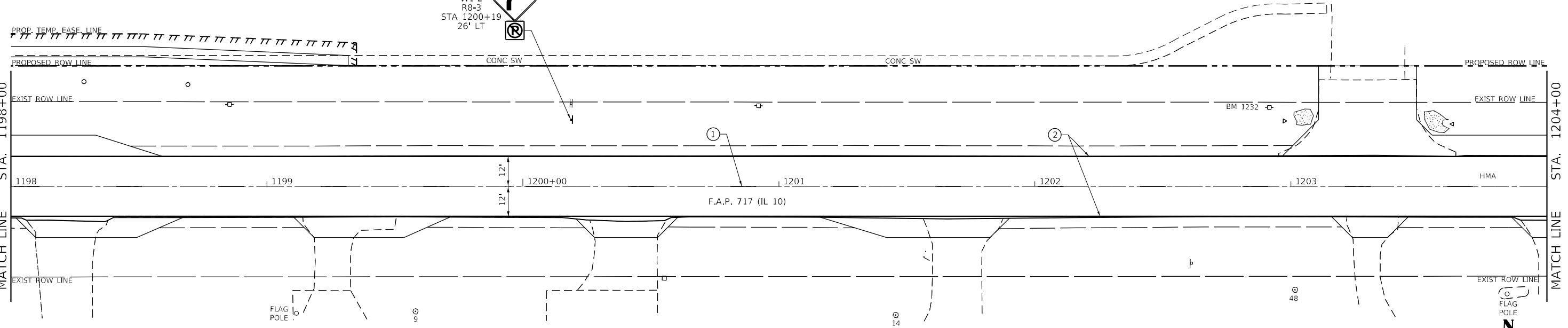
FAP 717 (IL 10) PAVEMENT MARKING & SIGNING PLANS		
SCALE: 1"=20'	SHEET 1 OF 10 SHEETS	STA. 0+00 R1 TO STA. 9+50 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	183
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, 581 43 (IL10, 29, 10 SPUR)
 (42)R,SW: (4RS-6,101RS-4)CR



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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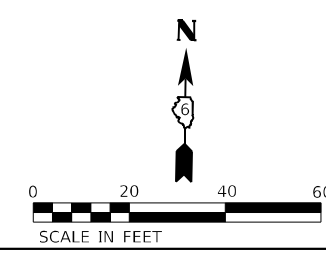
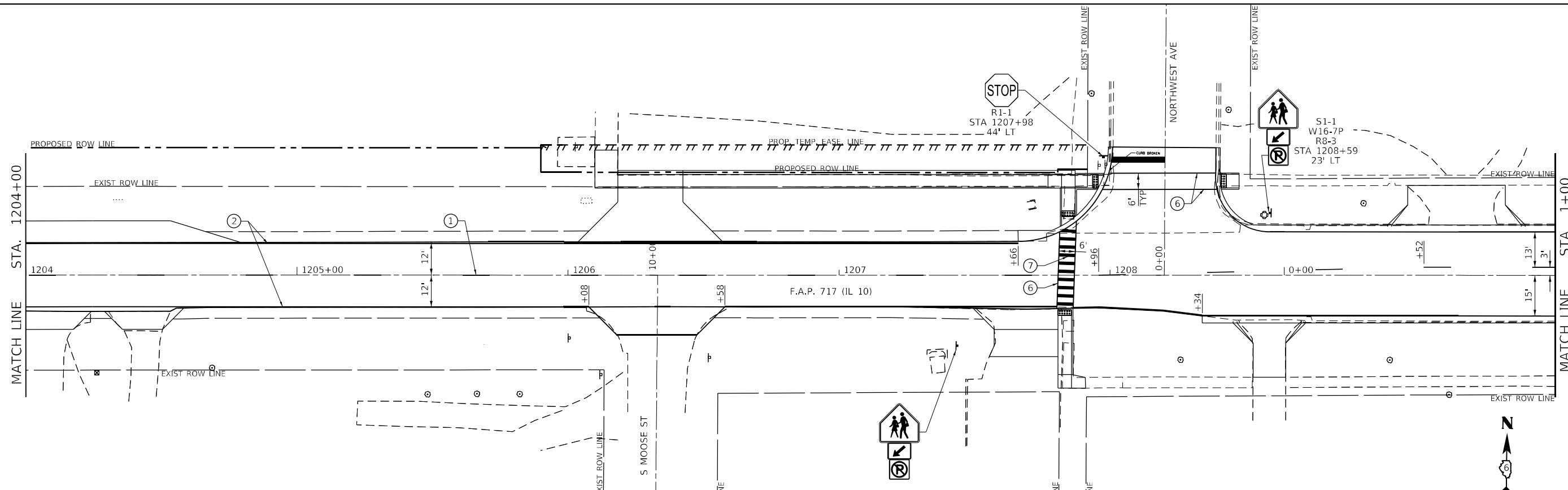
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

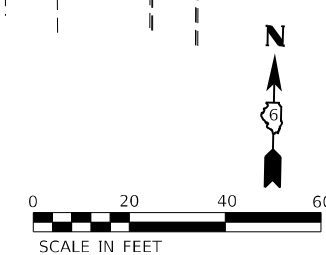
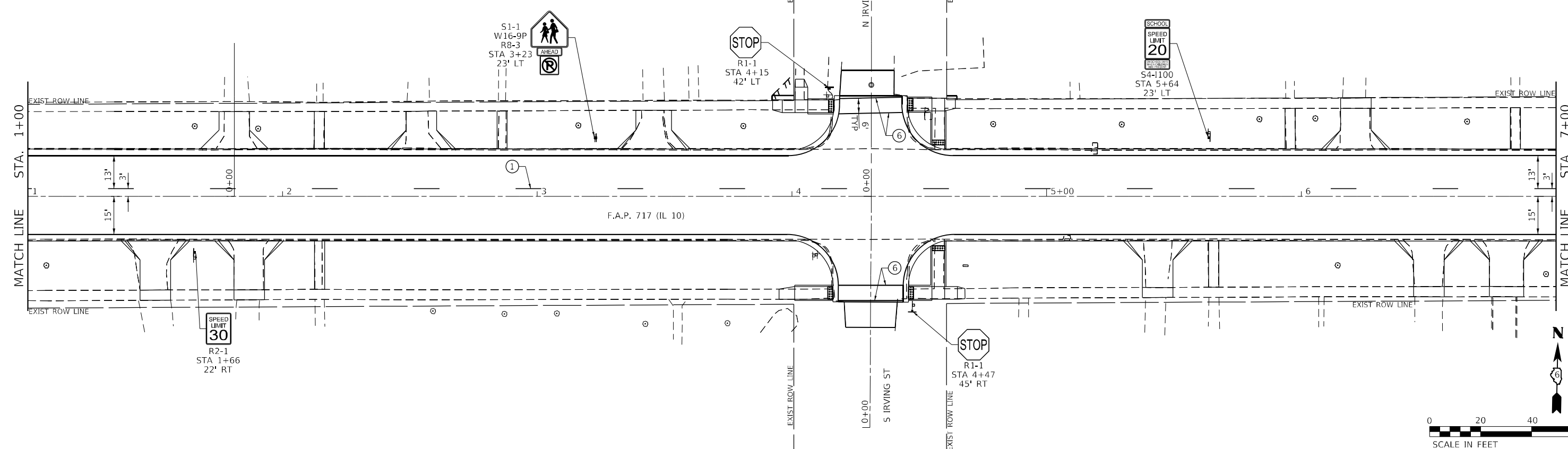
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	184
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R.S.W: (4RS-6,101RS-4)CR



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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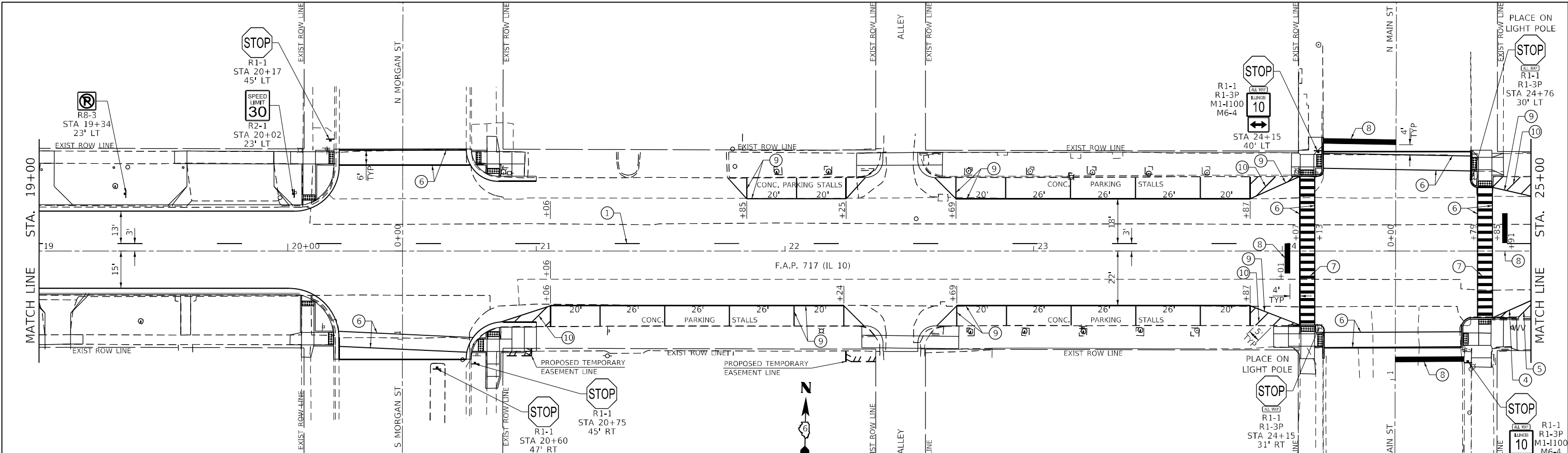
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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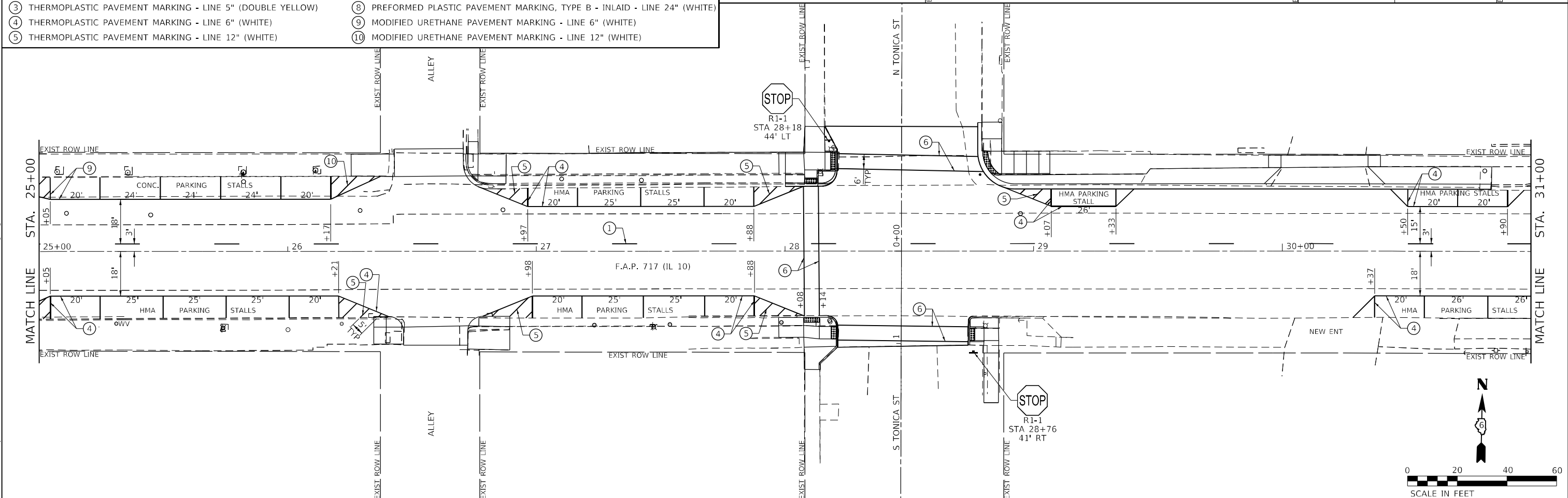
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	185
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



LEGEND

① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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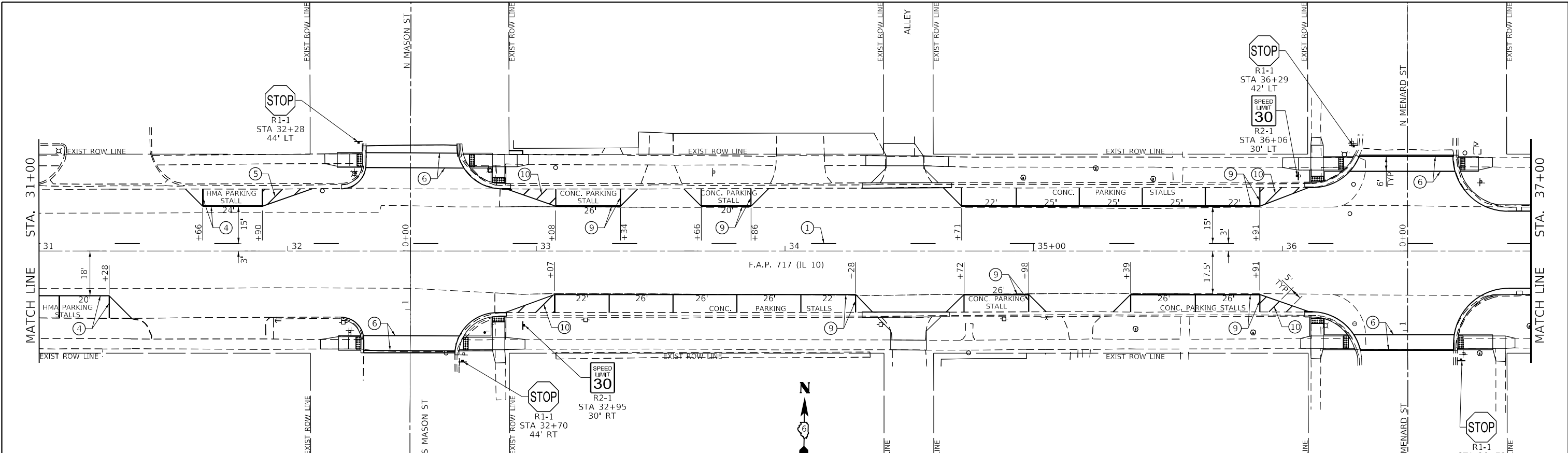
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

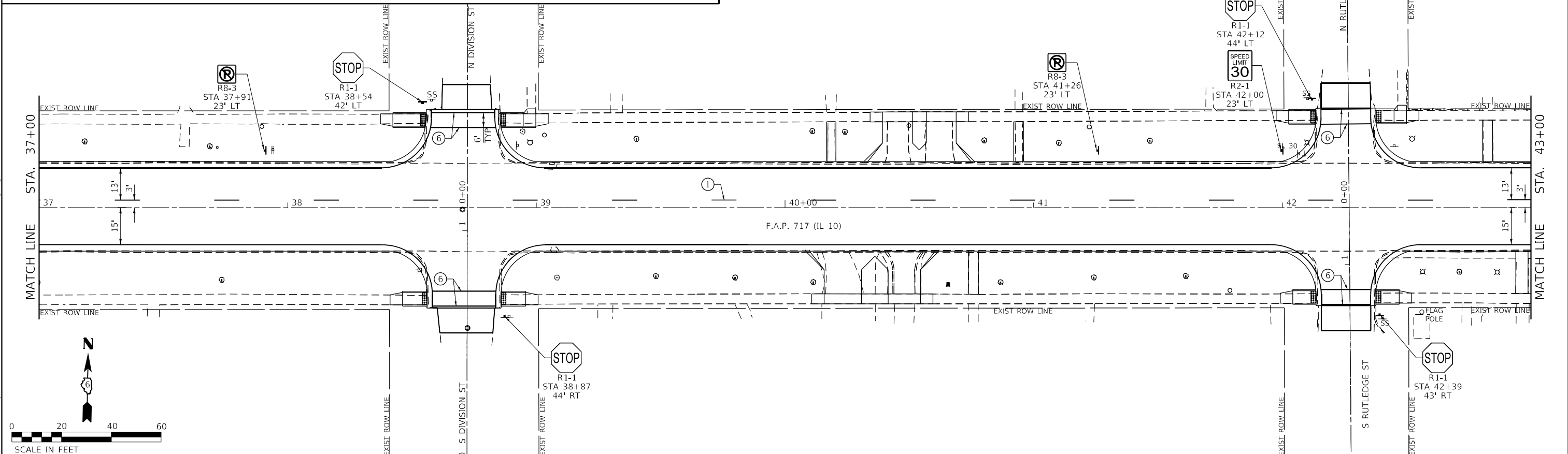
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	187
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW: (4RS-6,101RS-4)CR



LEGEND	
①	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)
③	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)
④	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
⑥	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
⑦	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
⑧	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
⑨	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑩	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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	DATE -	REVISED -

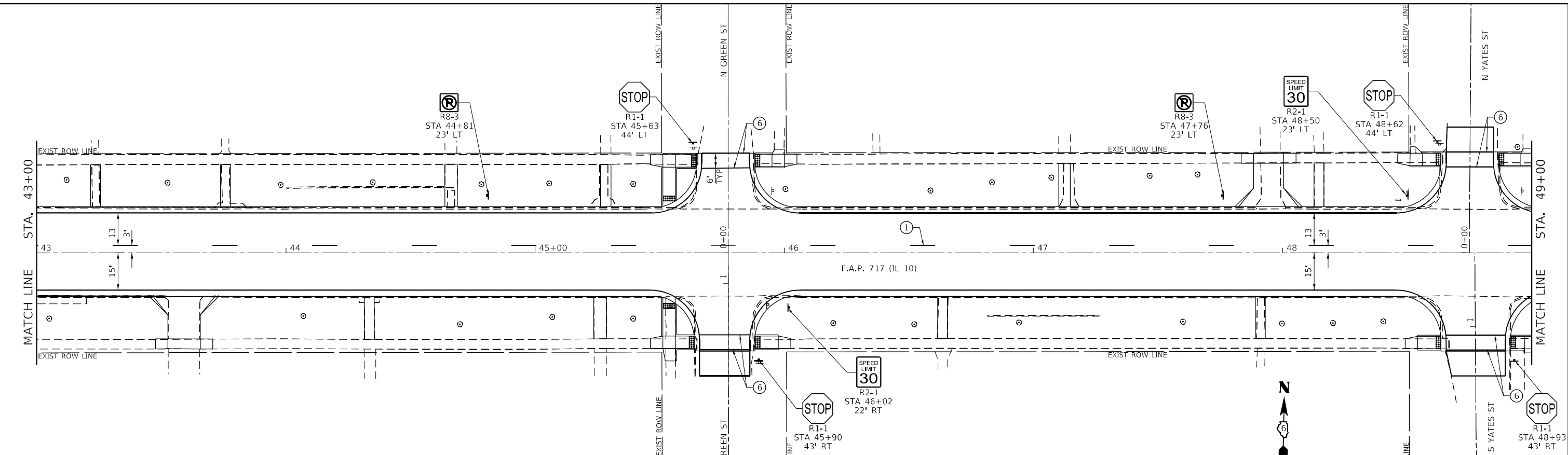
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10) PAVEMENT MARKING AND SIGNING PLANS		
SCALE: 1"=20'	SHEET 6 OF 10 SHEETS	STA. 31+00 R3 TO STA. 43+00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	188
CONTRACT NO. 72B88				

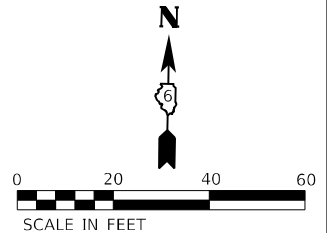
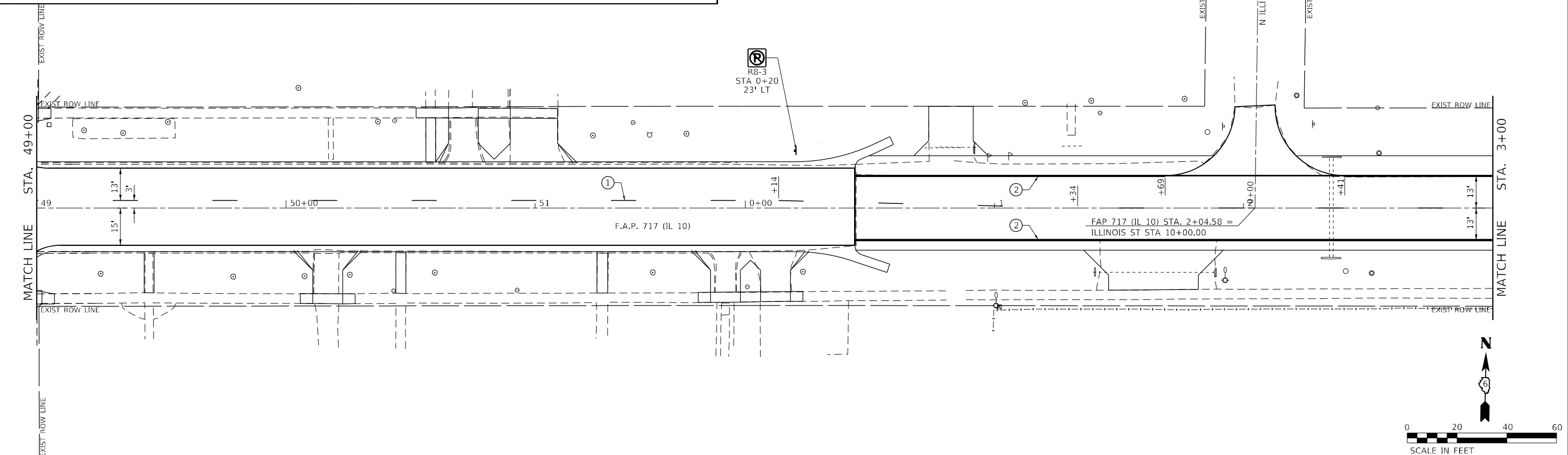
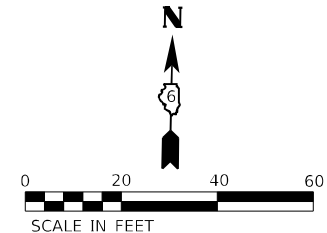
ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R, SW; (4RS-6, 101RS-4)CR

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LEGEND

① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



USER NAME = BDeCrane	DESIGNED -	REVISED -
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	DATE -	REVISED -

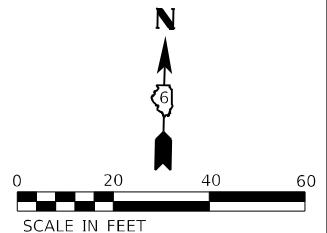
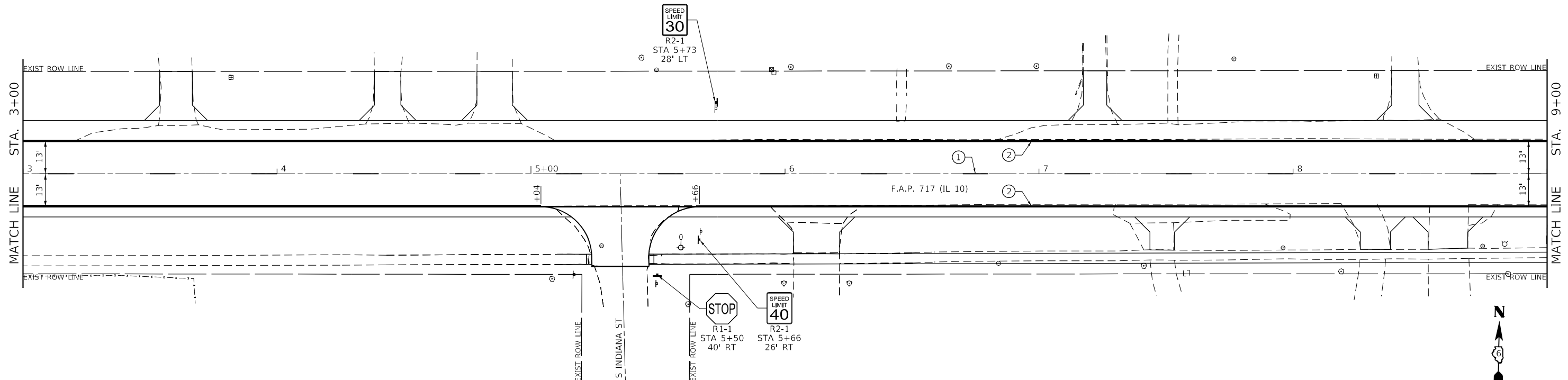
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 717 (IL 10)
 PAVEMENT MARKING AND MARKING PLANS**

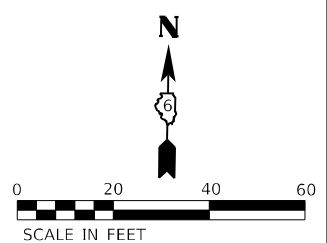
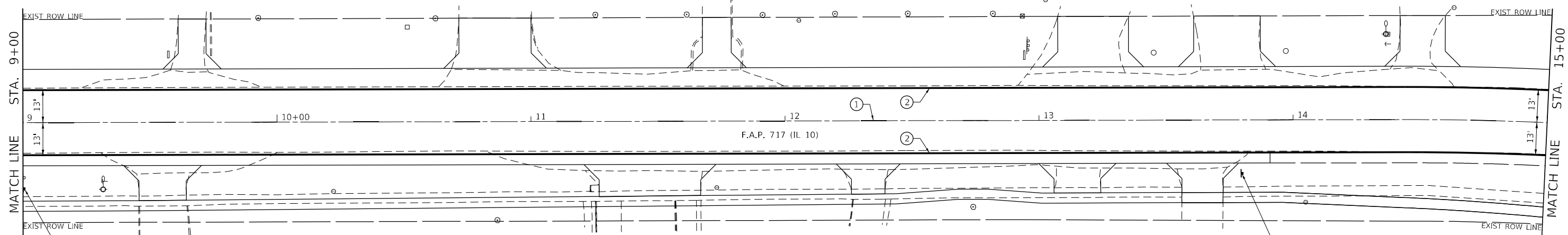
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	189
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
③ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW)	⑧ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24" (WHITE)
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⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)



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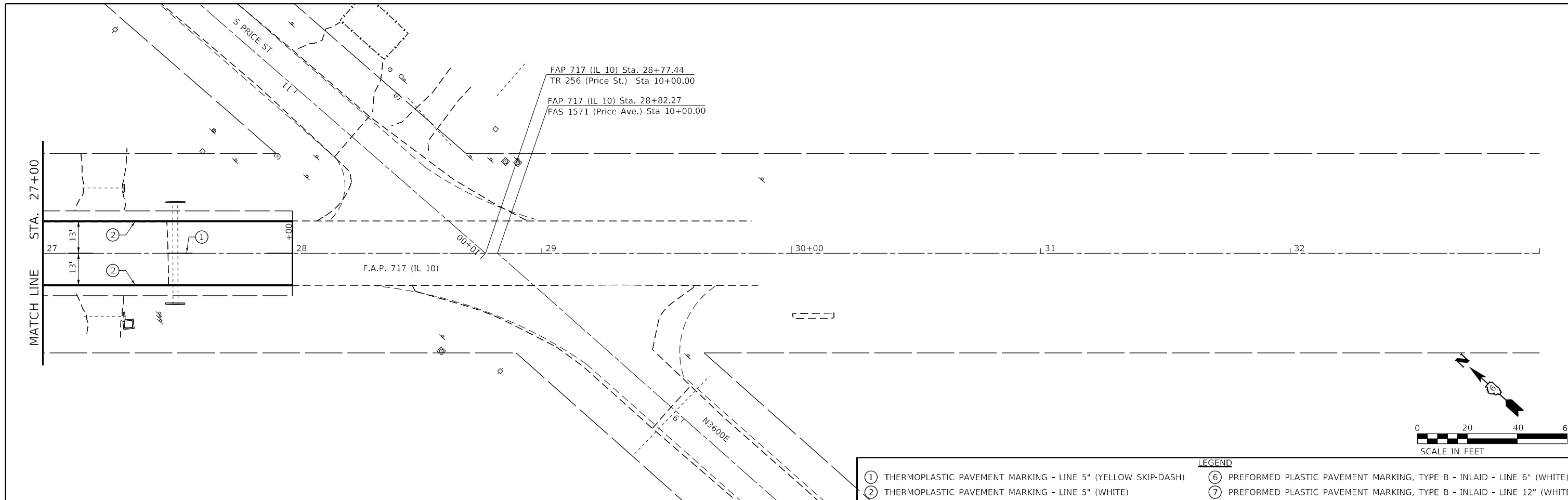
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 717 (IL 10) PAVEMENT MARKING AND SIGNING PLANS			
SCALE: 1"=20'	SHEET 8 OF 10 SHEETS	STA. 3+00 R4	TO STA. 15+00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	190
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
 FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
 (42)R,SW; (4RS-6,101RS-4)CR

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LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 5" (YELLOW SKIP-DASH)	⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (WHITE)
② THERMOPLASTIC PAVEMENT MARKING - LINE 5" (WHITE)	⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12" (WHITE)
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⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)

USER NAME = BDeCraene	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 5/18/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 717 (IL 10) PAVEMENT MARKING AND MARKING PLANS	
SCALE: 1"=20'	SHEET 10 OF 10 SHEETS
STA. 27+00 R4	TO STA. 33+00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	192
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

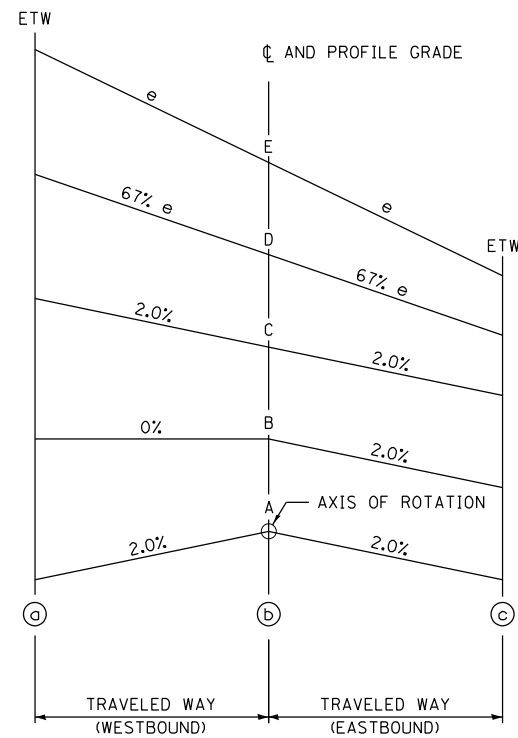
FAP 717, 658, 5B1 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR

CURVE 1

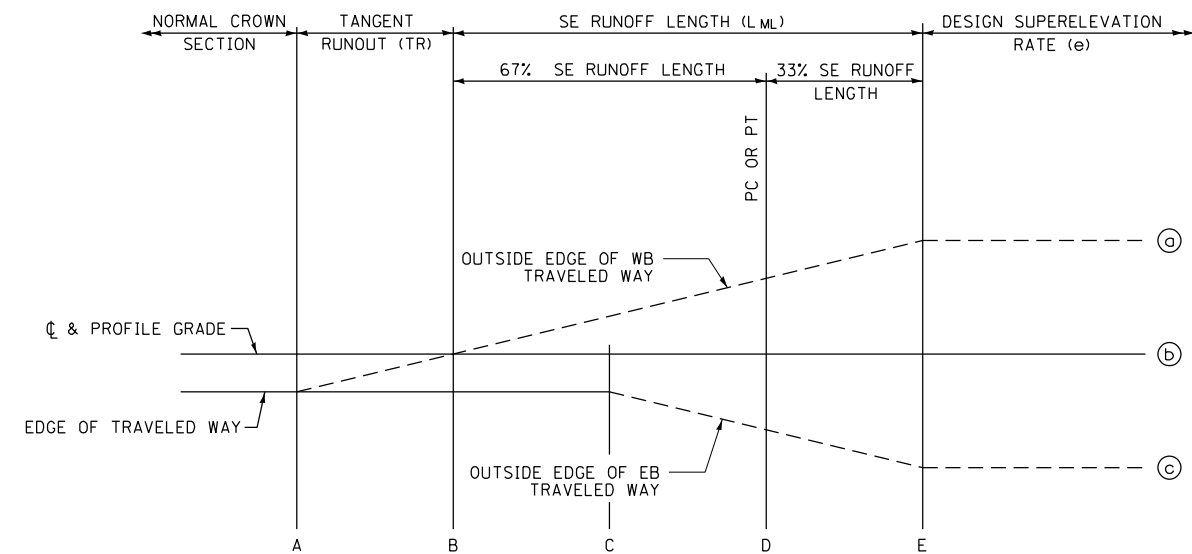
CURVE NO	SECTION	STATION	WESTBOUND		PROFILE GRADE	EASTBOUND		
			OUTSIDE EDGE	SLOPE %		SLOPE %	OUTSIDE EDGE	
1	A	5+13.36 R1	570.42	-1.50%	570.58	-1.50%	570.42	
	B	5+42.29 R1	570.43	-1.50%	570.59	0.00%	570.59	
	C	5+71.22 R1	570.48	-1.50%	570.64	1.50%	570.81	
	D	5+94.09 R1	570.46	-2.19%	570.70	2.19%	570.94	
	E	6+05.36 R1	570.36	-3.27%	570.72	3.27%	571.08	
	FULL SUPERELEVATION							
	E	11+55.48 R1	570.89	-3.27%	571.25	3.27%	571.61	
	D	11+78.35 R1	570.99	-2.19%	571.23	2.19%	571.47	
	C	11+89.63 R1	571.06	-1.50%	571.22	1.50%	571.39	
	B	12+18.55 R1	571.07	-1.50%	571.23	0.00%	571.23	
	A	12+47.48 R1	571.12	-1.50%	571.28	-1.50%	571.12	

CURVE 3

CURVE NO	SECTION	STATION	SOUTHBOUND		PROFILE GRADE	NORTHBOUND		
			OUTSIDE EDGE	SLOPE %		SLOPE %	OUTSIDE EDGE	
3	A	12+61.47 R4	571.21	-1.50%	571.40	-1.50%	571.21	
	B	13+01.42 R4	570.87	0.00%	570.87	-1.50%	570.68	
	C	13+41.36 R4	570.53	1.50%	570.33	-1.50%	570.14	
	D	14+57.34 R4	569.42	5.36%	568.72	-5.36%	568.02	
	E	15+14.47 R4	568.96	8.00%	567.92	-8.00%	566.88	
	FULL SUPERELEVATION							
	E	23+50.69 R4	564.75	8.00%	563.71	-8.00%	562.67	
	D	24+07.82 R4	564.39	5.36%	563.69	-5.36%	562.99	
	C	25+23.80 R4	563.84	1.50%	563.64	-1.50%	563.45	
	B	25+63.74 R4	563.69	0.00%	563.69	-1.50%	563.50	
	A	26+03.69 R4	563.56	-1.50%	563.75	-1.50%	563.56	



TYPICAL CROSS SECTION - SE TRANSITION



NOTE: ROUND ALL BREAK POINTS IN FIELD

TYPICAL PROFILE - SE TRANSITION

MODEL: D:\p1\h\...
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Hutchison Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
	DRAWN - RMD	REVISED -
PLOT SCALE = 8,000' / in.	CHECKED - JW	REVISED -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP 717 (IL 10) SUPERELEVATION TRANSITION DETAILS			
SCALE: N/A	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	193
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				

FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R, SW: (4RS-6, 101RS-4)CR

INDEX OF SHEETS

- 1.-3. General Plan and Elevation
- 4.-5. Precast Concrete Box Culvert Apron End Section Details

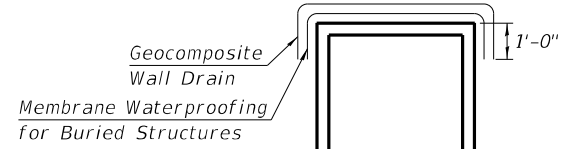
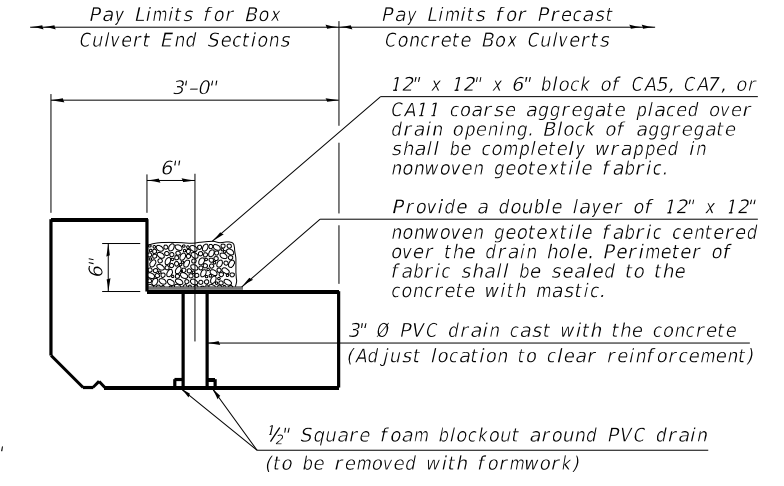
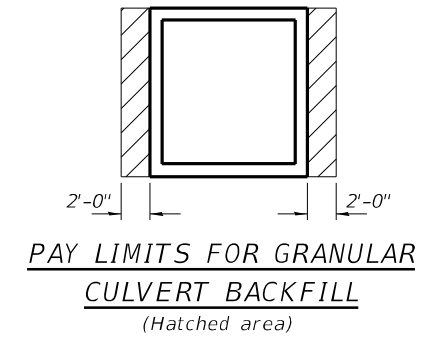
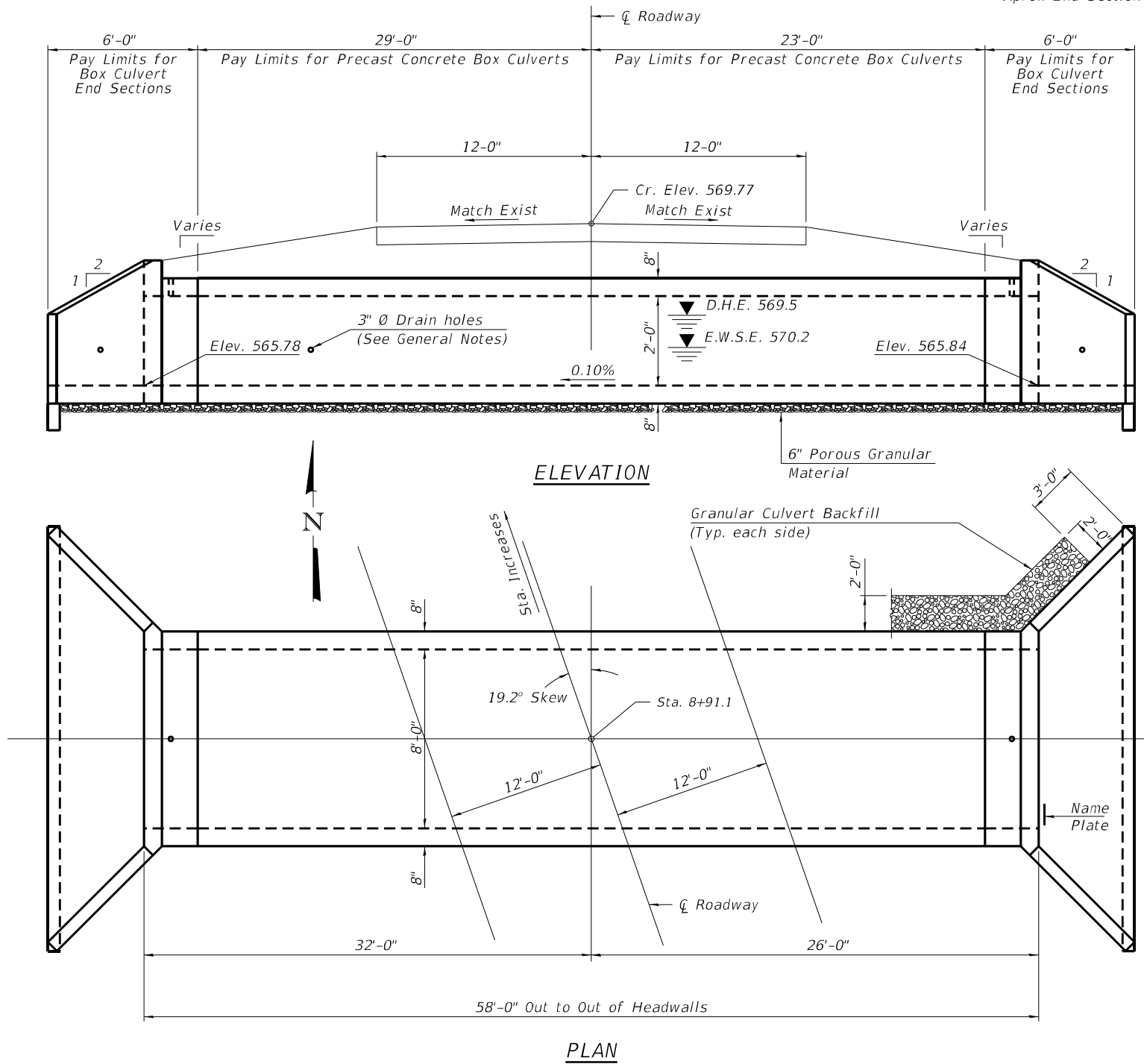
GENERAL NOTES

The design fill height for this box is ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Granular Culvert Backfill in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area is included in the Granular Culvert Backfill pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PROFILE GRADE

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	0
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 2	Each	2
Precast Concrete Box Culverts, 8 x 2	Foot	52
Granular Culvert Backfill	Cu. Yd.	24
Membrane Waterproofing System for Buried Structures	Sq. Yd.	70
Geocomposite Wall Drain	Sq. Yd.	73

WATERWAY INFORMATION

Drainage Area = 0.77 sq. mi. Low Grade Elev. = 569.74 @ Sta. 4+12.0

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	102	5	16	568.4	1.7	0.5	570.1	568.5
Overtopping	83	110	5	16	568.8	1.5	1.0	570.2	569.5
Base	100	114	5	16	568.9	1.4	1.2	570.3	569.8
Max. Calc.	500	140	5	16	569.2	1.1	1.2	570.3	570.1

STATION
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 10 SEC.
LOADING HL-93
STR. NO. 063-7038

NAME PLATE
See Std. 515001

GENERAL PLAN AND ELEVATION
OLD IL RTE. 10 OVER UNNAMED DITCH
SEC. (4Z)R,SW; (4RS-6,101RS-4)CR
MASON COUNTY
STATION 8+91.1
S.N. 063-7038

MODEL: Defaul... FILE NAME: \\s09801 - Mason_City - I... 10 Reconstruction - DBICADD\CADD_Sheets\0672888-sh-cul-2.dgn

SCB-GPE

7-23-2021

Hutchinson Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
Since 1945

USER NAME = LZeller	DESIGNED - LDZ	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 9/28/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

SCALE: N/A SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	195
CONTRACT NO. 72B88				

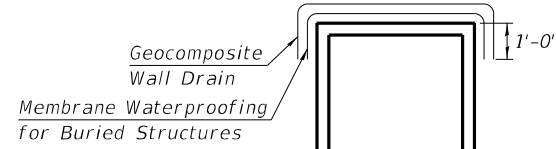
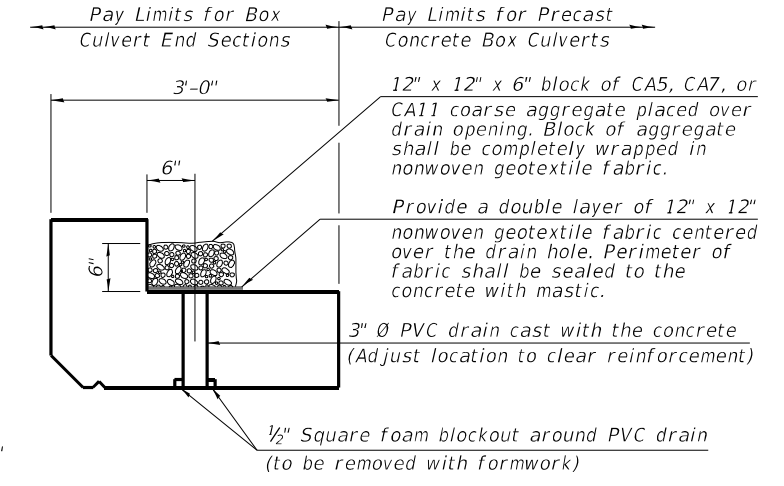
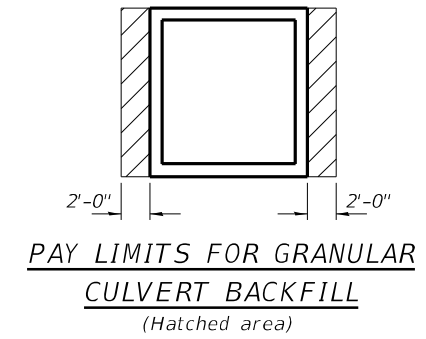
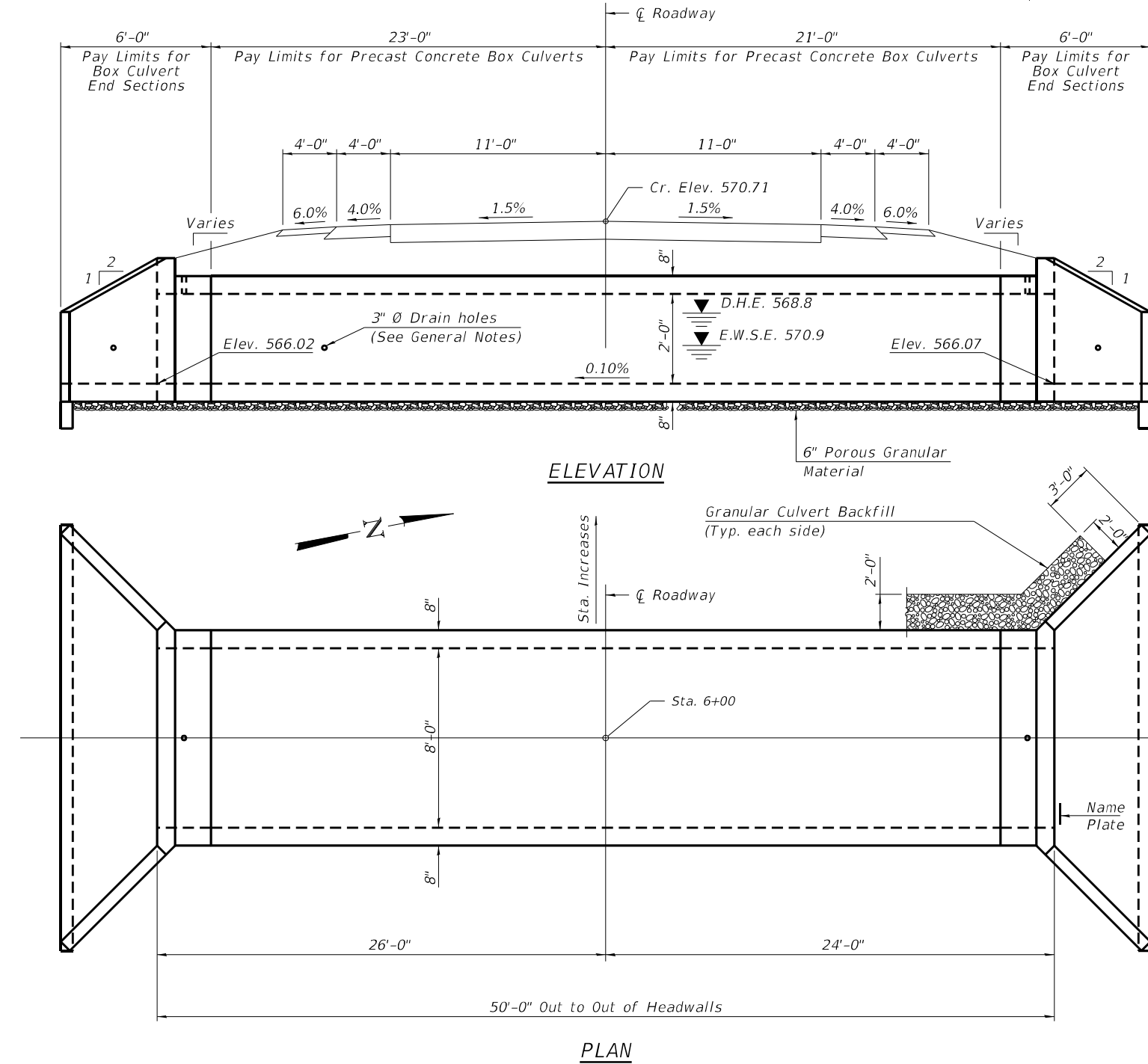
ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(4Z)R,SW; (4RS-6,101RS-4)CR

INDEX OF SHEETS

- 1.-3. General Plan and Elevation
- 4.-5. Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

The design fill height for this box is ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Granular Culvert Backfill in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area is included in the Granular Culvert Backfill pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PAY LIMITS FOR WALL DRAIN AND WATERPROOFING
(Entire Length of Structure)

PROFILE GRADE

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 2	Each	1
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 3	Each	2
Precast Concrete Box Culverts, 8 x 2	Foot	44
Granular Culvert Backfill	Cu. Yd.	20
Membrane Waterproofing System for Buried Structures	Sq. Yd.	59
Geocomposite Wall Drain	Sq. Yd.	63

WATERWAY INFORMATION

Drainage Area = 0.053 sq. mi. Low Grade Elev. = 570.40 @ Sta. 6+00.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	53	4	16	569.4	1.4	0.3	570.8	568.2
Base	50	75	4	16	569.8	1.1	0.5	570.9	568.8
Overtopping	100	84	4	16	570.0	1.0	0.6	570.9	569.1
Max. Calc.	500	103	4	16	570.2	0.72	0.99	571.0	569.7

STATION
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 10 SEC.
LOADING HL-93
STR. NO. 063-7039

NAME PLATE
See Std. 515001

GENERAL PLAN AND ELEVATION
IL RTE. 10 OVER UNNAMED DITCH
F.A.P. RTE. 717 SEC. (4Z)R,SW; (4RS-6,101RS-4)CR
MASON COUNTY
STATION 6+00
S.N. 063-7039

MODEL: Defaul; FILE NAME: \\s09801 - Mason, City - IL - 10 Reconstruction - DBICADD\CADD_Sheets\0672888-sh-cul-3.dgn

SCB-GPE 7-23-2021

Hutchinson Engineering, Inc.
Jacksonville - Peoria - Quad Cities - Shorewood
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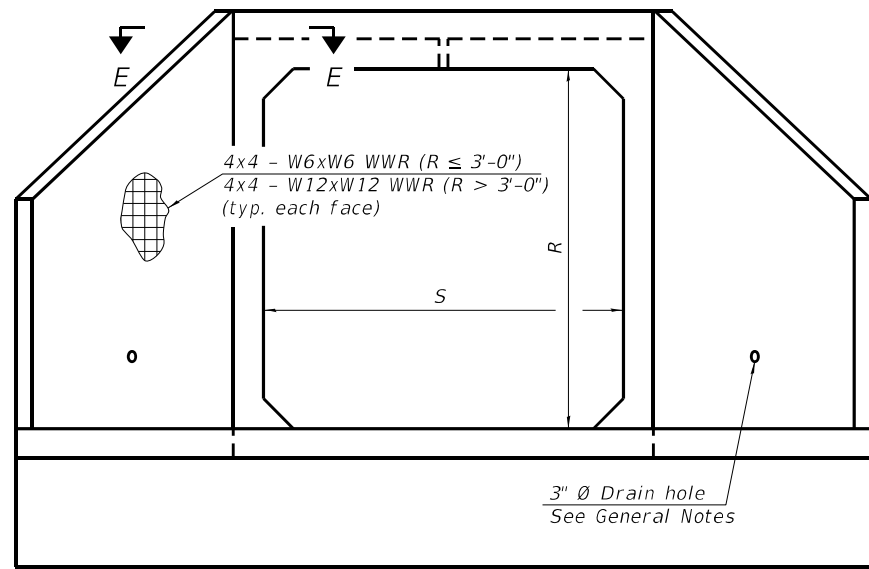
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PLOT SCALE = 2,0000' / in.	DRAWN - RMD	REVISED -
PLOT DATE = 9/28/2023	CHECKED - JW	REVISED -
	DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

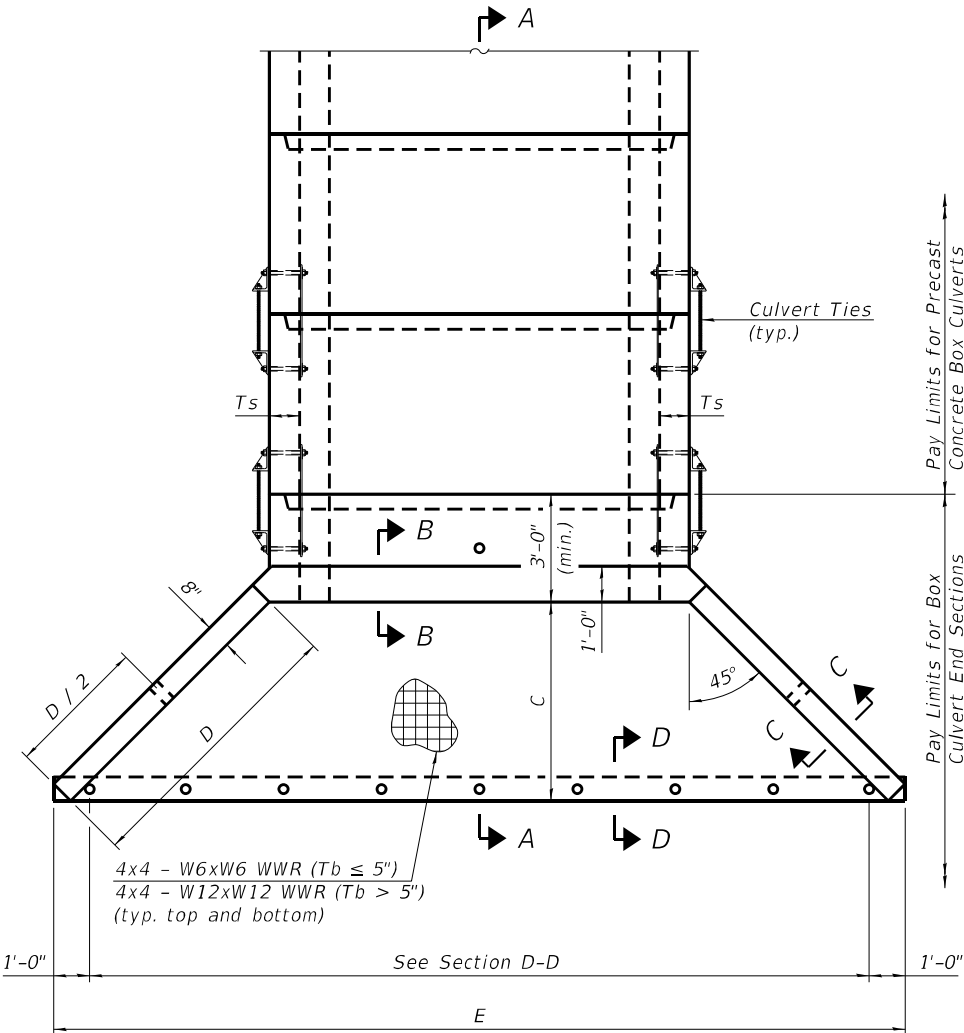
GENERAL PLAN AND ELEVATION
SCALE: N/A SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	196
CONTRACT NO. 72B88				

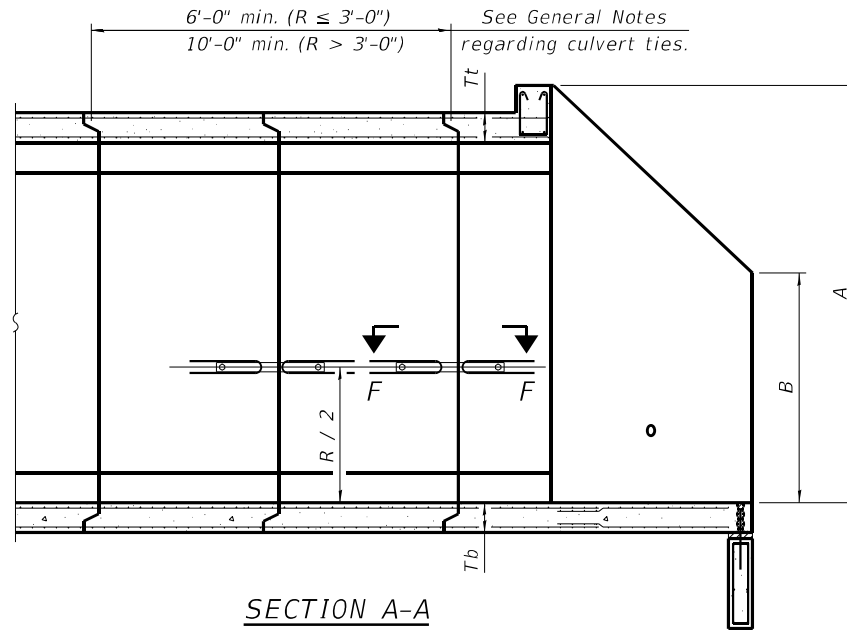
ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(4Z)R,SW; (4RS-6,101RS-4)CR



END VIEW



PLAN



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included in the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 ⁵ / ₈ "	4'-1"	10'-4 ⁵ / ₈ "	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 ¹ / ₈ "	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 ³ / ₈ "	5'-6"	12'-4 ³ / ₈ "	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 ⁷ / ₈ "	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 ¹ / ₂ "	2'-2 ¹ / ₂ "	2'-11 ³ / ₈ "	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 ¹ / ₂ "	3'-10"	11'-2 ³ / ₈ "	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 ¹ / ₂ "	2'-8 ¹ / ₂ "	3'-11 ³ / ₈ "	5'-7"	13'-8 ¹ / ₈ "	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 ¹ / ₂ "	5'-3"	13'-2 ³ / ₈ "	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 ¹ / ₂ "	3'-2 ¹ / ₂ "	4'-11 ³ / ₈ "	7'-0"	15'-8 ¹ / ₈ "	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 ³ / ₈ "	6'-8"	15'-2 ¹ / ₂ "	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 ¹ / ₄ "	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	14'-10 ¹ / ₈ "	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 ¹ / ₄ "	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	16'-10 ¹ / ₈ "	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 ¹ / ₄ "	6'-9"	16'-5 ⁷ / ₈ "	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	18'-10 ¹ / ₈ "	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 ¹ / ₄ "	8'-2"	18'-5 ⁷ / ₈ "	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 ³ / ₈ "	4'-1"	13'-10 ³ / ₈ "	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	16'-0 ¹ / ₈ "	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 ³ / ₈ "	5'-6"	15'-10 ³ / ₈ "	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	18'-0 ¹ / ₈ "	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 ³ / ₄ "	6'-11"	17'-10 ³ / ₄ "	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	20'-0 ¹ / ₈ "	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 ³ / ₄ "	8'-4"	19'-10 ³ / ₄ "	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	22'-0 ¹ / ₄ "	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 ³ / ₄ "	9'-9"	21'-10 ³ / ₄ "	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	17'-2 ¹ / ₈ "	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	19'-2 ¹ / ₈ "	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	21'-2 ¹ / ₈ "	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	23'-2 ¹ / ₄ "	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	18'-2 ¹ / ₈ "	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	20'-2 ¹ / ₈ "	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	22'-2 ¹ / ₈ "	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	24'-2 ¹ / ₄ "	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 ³ / ₄ "	4'-4"	17'-6 ¹ / ₈ "	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 ³ / ₄ "	5'-9"	19'-6 ¹ / ₈ "	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 ³ / ₄ "	7'-2"	21'-6 ¹ / ₈ "	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 ³ / ₈ "	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 ¹ / ₈ "	9'-11"	25'-5 ⁵ / ₈ "	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 ¹ / ₂ "	4'-5"	18'-10 ¹ / ₄ "	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 ¹ / ₂ "	5'-10"	20'-10 ¹ / ₄ "	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 ¹ / ₂ "	7'-3"	22'-10 ³ / ₈ "	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 ¹ / ₂ "	8'-8"	24'-10 ³ / ₈ "	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 ¹ / ₂ "	10'-1"	26'-10 ³ / ₈ "	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 ¹ / ₈ "	4'-7"	20'-3 ¹ / ₈ "	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 ¹ / ₈ "	6'-0"	22'-3 ¹ / ₈ "	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 ¹ / ₄ "	7'-4"	24'-1 ³ / ₄ "	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 ¹ / ₄ "	8'-9"	26'-1 ³ / ₄ "	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 ¹ / ₄ "	10'-2"	28'-1 ¹ / ₈ "	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 ³ / ₈ "	4'-8"	21'-6 ¹ / ₂ "	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 ³ / ₈ "	6'-1"	23'-6 ¹ / ₂ "	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 ³ / ₈ "	7'-6"	25'-6 ³ / ₈ "	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 ³ / ₈ "	8'-11"	27'-6 ³ / ₈ "	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 ³ / ₈ "	10'-4"	29'-6 ³ / ₈ "	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)

MODEL: D:\p\h\l - Mason, City - IL - 10 Reconstruction - DB\CADD\CADD_Sheets\067288-ent-cul-4.dgn

SCB-AES

2-17-2017

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DRAWN - RMD	REVISED -	
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PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISED -

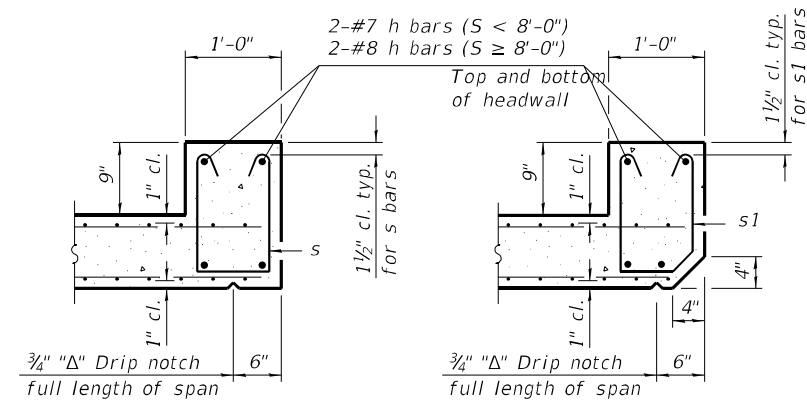
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO.

SCALE: SHEET OF SHEETS STA. TO STA.

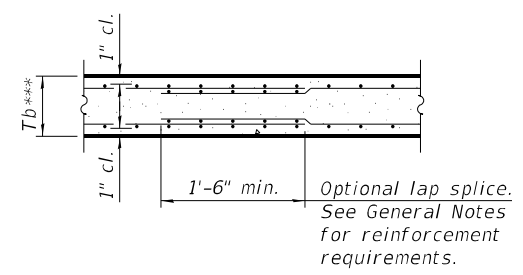
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*	*	MASON	269	197
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R,SW; (4RS-6,101RS-4)CR



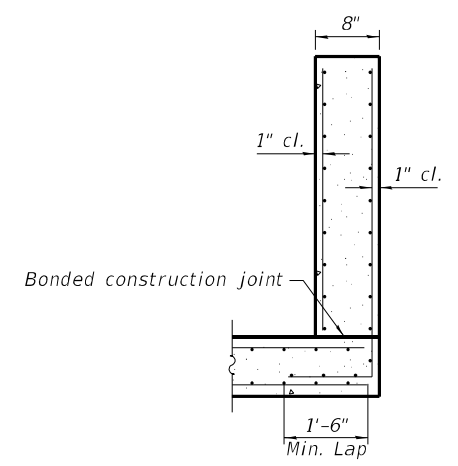
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

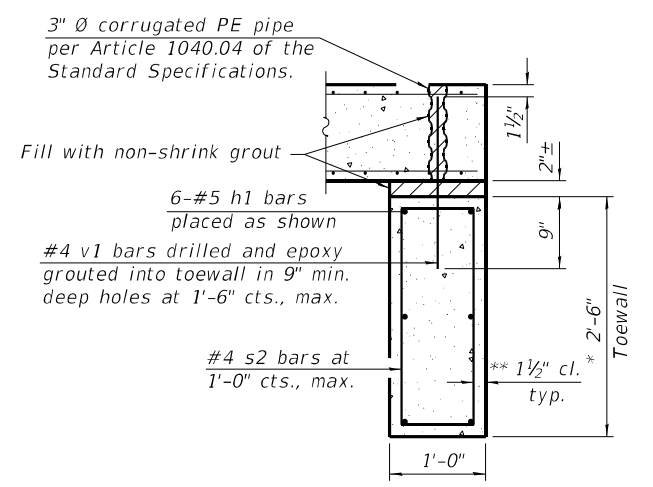


SECTION B-B
(Bottom Slab)

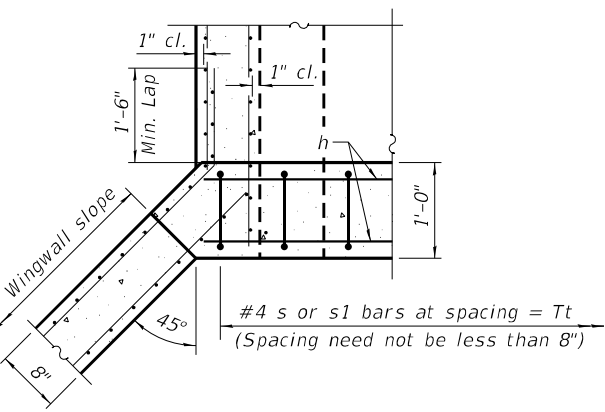
*** This dimension shall be increased by 2" for CIP construction.



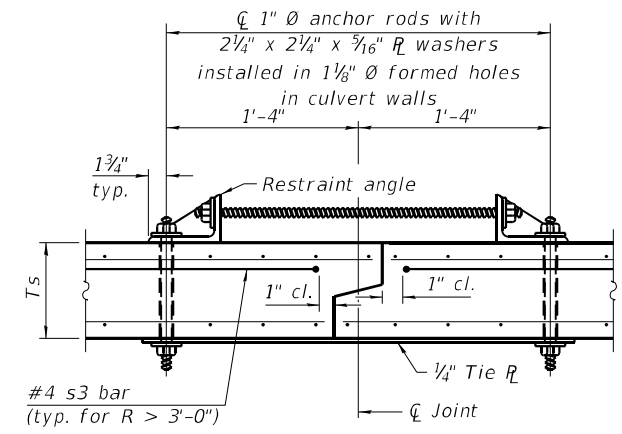
SECTION C-C



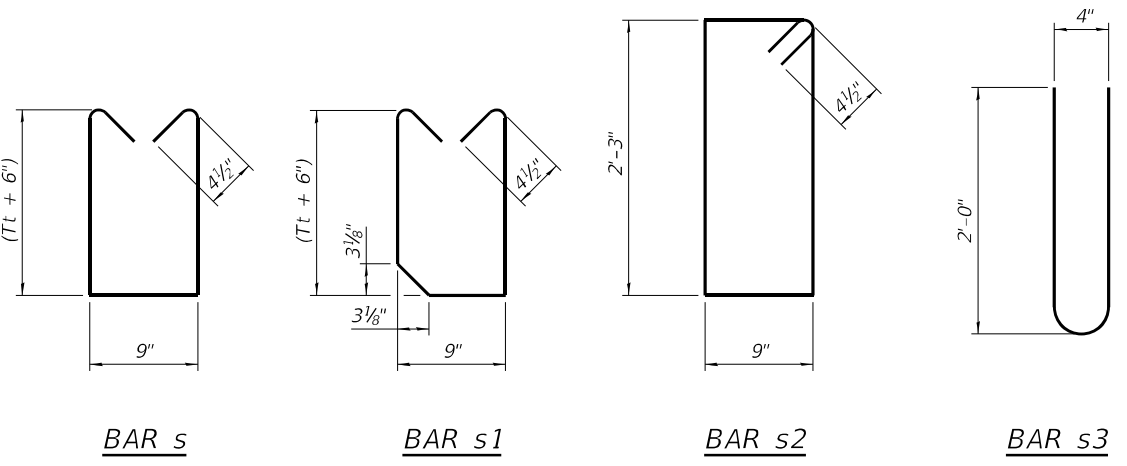
SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

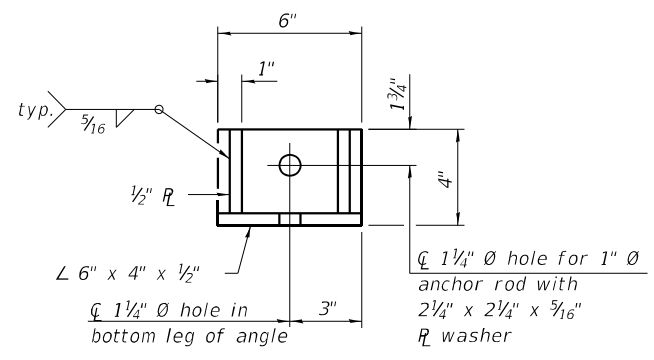


BAR s

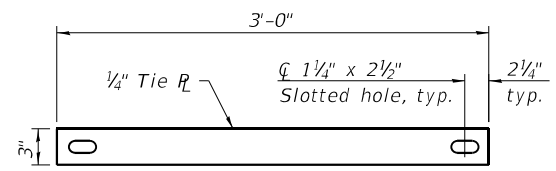
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

(Sheet 2 of 2)

MODEL Path: \\...
FILE NAME: \\...
PROJECT: ...

SCB-AES

2-17-2017

USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
DRAWN - RMD	REVISIONS -	
PLOT SCALE = 2,000.0' / in.	CHECKED - JW	REVISIONS -
PLOT DATE = 5/18/2023	DATE - 04/17/2023	REVISIONS -

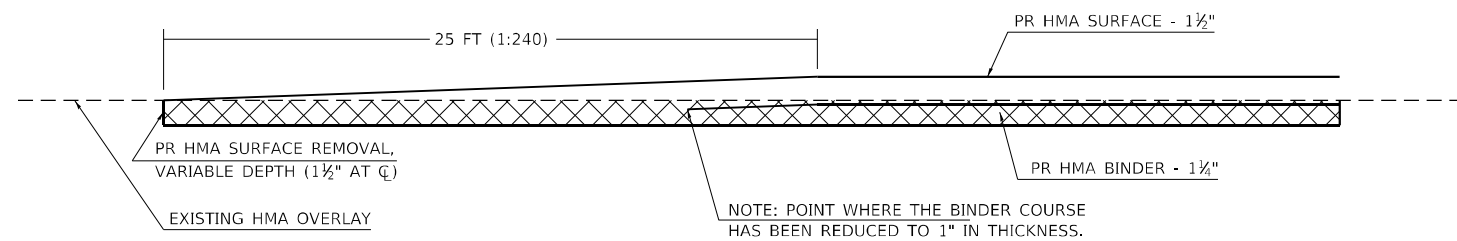
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	198
CONTRACT NO. 72B88				

ILLINOIS FED. AID PROJECT
FAP 717, 658, SBI 43 (IL10, 29, 10 SPUR)
(42)R, SW: (4RS-6, 101RS-4)CR



HMA OVERLAY TRANSITION DETAIL

MODEL: D:\p\h
 FILE NAME: V:\9908.01 - Mason City - IL 10 Reconstruction - DB\CADD\CADD_Sheets\067288-sh-hdetail-1.dgn

Hutchison Engineering, Inc. Jacksonville - Peoria - Quad Cities - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED - LDZ	REVISED -
	PLOT SCALE = 39,999' / in.	DRAWN - RMD	REVISED -
	PLOT DATE = 5/18/2023	CHECKED - JW	REVISED -
		DATE - 04/17/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINT DETAIL			
SCALE: N/A	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	MASON	269	200
CONTRACT NO. 72B88				
ILLINOIS FED. AID PROJECT				