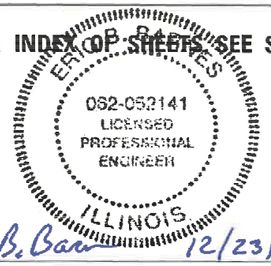
FOR INDEX OF SHEETS SEE SHEET NO. 2 02-27-2026 LETTING ITEM 041

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	1
	ILLINOIS	CONTRACT NO. 72295		



E.B. Barnes 12/23/25

ERIC B. BARNES DATE

REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-052141
LICENSE EXPIRES NOVEMBER 30, 2027

DESIGN DESIGNATION
IL 104: OTHER PRINCIPAL ARTERIAL
36TH TO 38TH
ADT: 20,000 (2023) MU: 1.75%, SU: 2.88%, PV: 95.38%
38TH TO 40TH
ADT: 20,000 (2023) MU: 1.75%, SU: 2.88%, PV: 95.38%
40TH TO CARDINAL TERRACE
ADT: 20,000 (2023) MU: 1.75%, SU: 2.88%, PV: 95.38%
CARDINAL TERRACE TO ADEN DRIVE
ADT: 19,300 (2023) MU: 1.81%, SU: 2.98%, PV: 95.21%
ADEN DRIVE TO 48TH
ADT: 19,300 (2023) MU: 1.81%, SU: 2.98%, PV: 95.21%
48TH TO 52ND
ADT: 18,300 (2023) MU: 2.05%, SU: 3.42%, PV: 94.53%
52ND TO 54TH
ADT: 18,300 (2023) MU: 2.05%, SU: 3.42%, PV: 94.53%
54TH TO I-172
ADT: 15,700 (2023) MU: 2.55%, SU: 4.30%, PV: 93.15%
I-172 TO 63RD
ADT: 12,000 (2023) MU: 1.67%, SU: 3.13%, PV: 95.20%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 745 (IL 104) / FAI 172 (I-172)
SECTION 103RS-14,TS-3, (1-5HB3)BJR,BDR
PROJECT NHPP-STP-P1BT(625)
RESURFACING (3P), INTERSECTION AND ADA IMPROVEMENTS
ADAMS COUNTY

C-96-048-23

D-96-010-23



LOCATION OF SECTION INDICATED THUS: -

STRUCTURE IMPROVEMENTS
SN 001-0047
STA. 119 + 80.34 (IL 104)

BEGIN IMPROVEMENT
STA. 70 + 59.00 (IL 104)

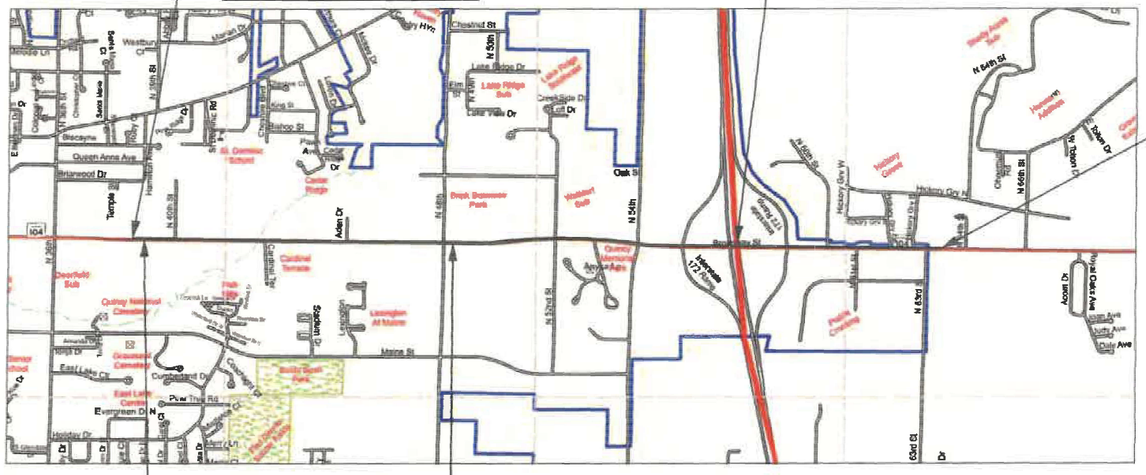
END IMPROVEMENT
STA. 147 + 32.00 (IL 104)

R8W

T1S

T2S

N


Chestnut St
N 55th St
Lake Ridge Dr
Lake Ridge Subdivision
Lake Ridge Sub
Crest Ridge Dr
Cedar Valley Dr
Cedar Ridge Dr
Westbrook Dr
Westbrook Sub
Oak St
N 54th St
Hickory Grove Addition
Hickory Grove W
Hickory Grove Dr
Hickory Grove Rd
N 64th St
N Baker Dr
Baker Ct
Chestnut Rd
Quincy Regional Airport-Baldwin Field
N 63rd St
Acorn Dr
Royal Oaks Ave
Valley Ave
Oak Ave
Hampton 172 Spur
Quincy Memorial Airport
Airport Rd
Airport Dr
Hangar Dr
Runway 13-31
Runway 4-22
Taxiway A
Taxiway B
Taxiway C
Taxiway D
Taxiway E
Taxiway F
Taxiway G
Taxiway H
Taxiway J
Taxiway K
Taxiway L
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Apron M
Apron N
Apron P
Apron Q
Apron R
Apron S
Apron T
Apron U
Apron V
Apron W
Apron Y
Apron Z
Quincy Regional Airport-Baldwin Field

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SHEETS INDEX & GENERAL NOTES
3-15	SUMMARY OF QUANTITIES
16-21	SCHEDULE OF QUANTITIES
22-27	TYPICAL SECTIONS
28-30	RAISED PROFILE SEQUENCE OF CONSTRUCTION
31-34	HORIZONTAL ALIGNMENT
35-53	PLAN & PROFILE SHEETS
54	CITY STREET PROFILE SHEETS
55-73	REMOVAL PLAN
74-85	GEOMETRIC DETAILS
86-140	TRAFFIC SIGNAL PLAN
141-150	LIGHTING PLAN
151-169	PAVEMENT MARKING PLAN
170-182	S.N. 001-0047 PLANS
183-190	MISCELLANEOUS DETAILS
191-229	MAINLINE CROSS SECTIONS
230-240	ENTRANCE CROSS SECTIONS

STANDARDS

STANDARD NO.

000001-09	442201-04	701801-06	781001-04	873001-02
001006	606001-09	701901-11	782001-01	876001-04
280001-07	606301-04	720001-01	805001-01	877001-08
420001-11	701101-05	720006-04	814001-03	877002-04
424001-12	701106-02	720011-01	814006-03	878001-11
424006-06	701451-05	728001-01	821101-03	880006-01
424011-05	701601-09	729001-01	838001-01	BLR 21-9
424026-04	701602-10	731001-01	857001-01	
442101-09	701701-10	780001-05	862001-01	

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	1.80 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB / SQ FT (ON MILLED HMA & CONCRETE)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB / SQ FT (BETWEEN LIFTS & ON BRICK)
SURFACE / BINDER (112 LBS)	0.056 TON / SQ YD * IN
SEEDING:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2.0 TON / ACRE
MULCH METHOD	2.0 TON / ACRE

COMMITMENTS

NO COMMITMENTS

GENERAL NOTES

1. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO HOT-MIX ASPHALT SURFACE REMOVAL AND/OR RESURFACING.
2. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:
3. THE CONTRACTOR SHALL USE TYPE IV PAVEMENT MARKING TAPE AS SHORT-TERM PAVEMENT MARKING ON THE SURFACE LIFT.
4. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE(S):	HMA SURFACE	HMA BINDER (TOP LIFT)	HMA BINDER (LOWER LIFTS)	HMA BASE COURSE WIDENING	HMA SHOULDERS & INCIDENTAL HMA
PG:	SBS PG 76-28	SBS PG 70-28	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	SMA 9.5	IL-4.75	IL-19.0	IL-19.0	IL-9.5
FRICTION AGGREGATE:	MIX "D"	N/A	N/A	N/A	MIX "C"
MIXTURE WEIGHT:	112 LB/SY*IN	112 LB/SY*IN	112 LB/SY*IN	112 LB/SY*IN	112 LB/SY*IN
QUALITY MANAGEMENT:	QCP	QCP	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A	N/A	N/A
MTD:	YES	NO	NO	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED December 5, **20** 25

J. C. Schuman

ENGINEER OF OPERATIONS

EXAMINED December 9, **20** 25

K. P. Swatthy

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED December 15, **20** 25

ENGINEER OF PROGRAM DEVELOPMENT

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SHEET INDEX & GENERAL NOTES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	2
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
				20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
20200100	EARTH EXCAVATION	CU YD	500	500					
20600110	GRANULAR EMBANKMENT, SPECIAL	TON	90	56	34				
25000210	SEEDING, CLASS 2A	ACRE	0.9	0.8	0.1				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	81	72	9				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81	72	9				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	81	72	9				
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.8	1.6	0.2				
25100125	MULCH, METHOD 3	ACRE	0.9	0.8	0.1				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	180	170	10				
28000400	PERIMETER EROSION BARRIER	FOOT	4600	4600					
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	639	606	33				
28000500	INLET AND PIPE PROTECTION	EACH	2	1	1				
35101400	AGGREGATE BASE COURSE, TYPE B	TON	334	334					
35400520	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 12"	SQ YD	207	169	38				
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	867						867
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	57790	48587	9203				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	56126	46466	9660				

* SPECIALTY ITEM

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 12/29/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	3
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
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				20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
40600405	MATERIAL TRANSFER DEVICE	TON	5997	4889	1108				
40600990	TEMPORARY RAMP	SQ YD	1000	750	250				
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2247	2247					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3812	3074	738				
40605022	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "D", N50	TON	6385	5277	1108				
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	678	258	420				
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	237	106	131				
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	454	454					
42001300	PROTECTIVE COAT	SQ YD	7283	7061	222				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1661	1661					
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	23749	23749					
42400800	DETECTABLE WARNINGS	SQ FT	368	268	100				
44000100	PAVEMENT REMOVAL	SQ YD	733	678	55				
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9868	9868					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	21892	21892					

* SPECIALTY ITEM

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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 2 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	4
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
				20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	49600	34907	14693				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1736	1736					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5747	5452	295				
44000600	SIDEWALK REMOVAL	SQ FT	4476	3769	707				
44003100	MEDIAN REMOVAL	SQ FT	1196	614	582				
44004250	PAVED SHOULDER REMOVAL	SQ YD	867						867
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	15	15					
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	165	165					
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	120	120					
48203100	HOT-MIX ASPHALT SHOULDERS	TON	641	541	100				
50102400	CONCRETE REMOVAL	CU YD	9.9						9.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	9.5						9.5
50300300	PROTECTIVE COAT	SQ YD	50						50
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1950						1950

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 3 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	5
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

				CONSTRUCTION CODE					
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				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	20% STATE	20% STATE	20% STATE	10% STATE 10%CITY	13.33% STATE 6.67% CITY	10% STATE
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
50800515	BAR SPLICERS	EACH	16						16
52000110	PREFORMED JOINT STRIP SEAL	FOOT	182						182
53016000	DECK SLAB REPAIR (PARTIAL)	SQ YD	5						5
56109210	WATER VALVES TO BE ADJUSTED	EACH	15	15					
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10					
60260100	INLETS TO BE ADJUSTED	EACH	28	28					
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	4					
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	174	88	86				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5642	5411	231				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1175	742	433				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	394	394					
* 66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	100	100					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					

* SPECIALTY ITEM

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 4 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	6
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

				CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	17	17					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	6	2	1	1	1	1
67100100	MOBILIZATION	L SUM	1	0.5	0.1	0.1	0.1	0.1	0.1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5					0.5
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.9	0.1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.9	0.1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.9	0.1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	40	10				
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	1334						1334
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	466	317	149				
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.9	0.1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7290	6028	1262				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3931	2009	421				1501

* SPECIALTY ITEM

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich | DESIGNED - | REVISED -
PLOT SCALE = 100.0000 ' / in. | DRAWN - | REVISED -
PLOT DATE = 12/29/2025 | CHECKED - | REVISED -
DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 5 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	7
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
					0005	0005	0021	0021	0021	0047
					80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
					20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
								10%CITY	6.67% CITY	
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
					W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
	70307125	TEMPORARY PAVEMENT MARKING - LINE 5" - TYPE IV TAPE	FOOT	2268						2268
*	72000100	SIGN PANEL - TYPE 1	SQ FT	7	7					
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	335	309	26				
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1		1				
*	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	1670	1467	203				
*	78004625	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 5"	FOOT	26219	21218	5001				
*	78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	6748	5787	961				
*	78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	1601	1034	567				
*	78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 12"	FOOT	632	383	249				
*	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	1018	865	153				
*	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	6129	5378	751				
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1670	1467	203				
*	78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	31669	25917	5752				
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	6748	5787	961				

* SPECIALTY ITEM

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 6 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	8
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
					0005	0005	0021	0021	0021	0047
					80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
					20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
								10%CITY	6.67% CITY	
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
					W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1601	1034	567				
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	632	383	249				
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1018	865	153				
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	730	600	130				
	78200020	CURB REFLECTORS	EACH	322	280	42				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	730	600	130				
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	816	236	580				
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	7			2	4	1	
*	81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	473				390	83	
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	294			32	262		
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	1143				1143		
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	245				245		
*	81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	36				30	6	
*	81400100	HANDHOLE	EACH	13				13		

* SPECIALTY ITEM

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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PLOT DATE = 12/29/2025 | DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 7 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	9
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

				CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	20% STATE	20% STATE	20% STATE	10% STATE 10% CITY	13.33% STATE 6.67% CITY	10% STATE
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
					W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
*	81400300	DOUBLE HANDHOLE	EACH	4				4		
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1900			590	1055	255	
*	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	22			4	14	4	
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7			2	4	1	
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	7			2	4	1	
*	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	7			2	4	1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	6737				6159	578	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6763				5883	880	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	19549			5898	11999	1652	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3050				2485	565	
*	87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	5592			1468	3477	647	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	317			76	211	30	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	9440			2470	5820	1150	
*	87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	2					2	

* SPECIALTY ITEM

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 8 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	10
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
					PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
					0005	0005	0021	0021	0021	0047
					80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
					20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
								10% CITY	6.67% CITY	
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
					W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
*	87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	19			10	7	2	
*	87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	16				14	2	
*	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2				2		
*	87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1				1		
*	87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1				1		
*	87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	2				2		
*	87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	2				2		
*	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1				1		
*	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1					1	
*	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1				1		
*	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1				1		
*	87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1				1		
*	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1				1		
*	87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	2				2		

* SPECIALTY ITEM

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616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 9 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	11
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

				CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
				20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY					
*	87703060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 65 FT.	EACH	1			1		
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21			15	6	
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	21		6	12	3	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	79			66	13	
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	241			241		
*	87900200	DRILL EXISTING HANDHOLE	EACH	4				4	
*	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11		6	5		
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	39		10	25	4	
*	88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1				1	
*	88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	19			16	3	
*	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2			2		
*	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10			8	2	
*	88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	14			12	2	
*	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	137		32	91	14	
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7		2	4	1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 10 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	12
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
				0005	0005	0021	0021	0021	0047
				80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
				20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
							10%CITY	6.67% CITY	
				NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
				W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	7			2	4	1	
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	7			2	4	1	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	10216			6144		4072	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7			2	4	1	
89502380	REMOVE EXISTING HANDHOLE	EACH	12				12		
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4				4		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	35			2	31	2	
Z0010615	CLEANING EXISTING INLETS	EACH	3	3					
Z0012500	CONCRETE CURB REPAIR	FOOT	219	199	20				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.1	0.1	0.1	0.1	0.1
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	6						6
Z0032500	JOINT SEALING (PATCHES)	FOOT	400						400
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	8	8					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 11 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	13
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

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					0005	0005	0021	0021	0021	0047
					80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
					20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
								10%CITY	6.67% CITY	
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
					W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
	X1400398	REMOVE LUMINAIRE, COMPLETE	EACH	8			4		4	
	X1800024	DECORATIVE STONE	SQ FT	984	984					
	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	24	20	4				
	X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	4371	3643	728				
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	495	402	93				
	X6030100	REMOVE AND REPLACE LID	EACH	10	10					
*	X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	65	58	7				
	X7200201	WIDTH RESTRICTION SIGNING	L SUM	1						1
*	X8130120	RELOCATE EXISTING JUNCTION BOX	EACH	6	6					
*	X8130130	JUNCTION BOX TO BE ADJUSTED	EACH	7	7					
*	X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	14			4	8	2	
*	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	7			2	4	1	
*	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	10401	9380	1021				
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	38				32	6	

* SPECIALTY ITEM

REV - MS

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 12 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	14
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

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					CONSTRUCTION CODE					
					PPS: 6-01543-0000		PPS: 6-01543-0100	PPS: 6-01543-0100 PPS: 6-01543-0110		PPS: 6-01543-0300
					0005	0005	0021	0021	0021	0047
					80% FED	80% FED	80% FED	80% FED	80% FED	90% FED
					20% STATE	20% STATE	20% STATE	10% STATE	13.33% STATE	10% STATE
								10%CITY	6.67% CITY	
					NHPP/URBAN	STBG/URBAN	NHPP/URBAN	NHPP/URBAN	STBG/URBAN	NHPP/URBAN
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	W OF 38TH STREET TO I-172 NB RAMP (STA 128+00)	I-172 NB RAMP (STA 128+00) TO E OF 63RD STREET	I-172 INTERCHANGE RAMP INTERSECTIONS	38TH, 48TH, 52ND, & 54TH STREETS	61ST STREET/ PRAIRE CROSSING DRIVE	SN 001-0047
*	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	7			2	4	1	
*	X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	7			2	4	1	
	X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	10401			1450	7930	1021	
Ø	Z0076600	TRAINEES	HOUR	4000	4000					
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	4000	4000					
	88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4			
	88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	9			4	5		
	88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1					1	
	88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1					1	
	88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1					1	
	88040317	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 1-4-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2				2		
	88040320	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4-SECTION, 2-5-SECTION, BRACKET MOUNTED	EACH	4				4		
	88040332	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3-SECTION, 1-4-SECTION, BRACKET MOUNTED	EACH	5				5		

Ø 0042 * SPECIALTY ITEM

REV - MS

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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	15
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

PAVING SCHEDULE

LOCATION		SIDE	AREA (SQ YD)	40600290 BITUMINOUS MATERIALS (TACK COAT)	40603200 POLY HMA BINDER CSE IL-4.75 N50	40603080 HMA BC IL-19.0 N50	40605022 POLY SURF CSE SMA 9.5 D N50	40600405 MATERIAL TRANSFER DEVICE	40800029 BITUMINOUS MATERIALS (TACK COAT)	40800050 INCIDENTAL HMA SURFACING
				POUND	TON				POUND	TON
IL 104										
70+59.0	70+97.6	LT/RT	233.7	157.8	9.9		19.7	19.7		
70+96.8	89+25.0	LT/RT	11070.8	7472.8	465.0		930.0	930.0		
89+25.0	90+45.0	LT/RT	726.7	490.5	30.6	45.8	61.1	61.1		
90+45.0	100+75.0	LT/RT	6237.2	7016.9	262.0	1362.3	524.0	524.0		
100+75.0	106+80.0	LT/RT	3630.0	4083.8	152.5	792.8	305.0	305.0		
106+80.0	108+00.0	LT/RT	720.0	486.0	30.3	45.4	60.5	60.5		
108+00.0	116+21.1	LT/RT	4926.6	3325.5	207.0		413.9	413.9		
80+69.8	87+80.0	LT/RT	4213.8	2844.4	177.0		354.0	354.0		
87+80.0	95+10.3	LT/RT	4840.6	3267.4	271.1		406.7	406.7		
95+10.3	100+50.0	LT/RT	4283.8	2891.6	239.9		359.9	359.9		
100+50.0	106+50.0	LT/RT	4560.3	3078.2	255.4		383.1	383.1		
106+50.0	113+00.0	LT/RT	4594.3	3101.2	257.3		386.0	386.0		
113+00.0	118+46.0	LT/RT	3679.8	2483.9	206.1		309.2	309.2		
121+15.0	128+00.0	LT/RT	4470.7	3017.8	250.4		375.6	375.6		
128+00.0	131+50.3	LT/RT	1965.1	1326.5	110.1		165.1	165.1		
131+50.3	136+47.1	LT/RT	3744.1	2527.3	209.7		314.6	314.6		
136+47.1	143+00.0	LT/RT	4497.8	3036.0	251.9		377.9	377.9		
143+00.0	147+32.0	LT/RT	2976.0	2008.8	166.7		250.0	250.0		
S 52ND ST										
9+10.8	9+64.5	LT/RT	423.6	285.9	23.8		35.6			
N 52ND ST										
10+35.0	10+91.1	LT/RT	631.2	426.1	35.4		53.1			
53RD ST										
10+36.6	10+82.0	LT/RT	401.0						180.5	80.9
S 54TH ST										
8+85.0	9+65.5	LT/RT	811.0	547.5	45.5		68.2			
N 54TH ST										
10+36.1	11+22.0	LT/RT	793.0	535.3	44.5		66.7			
RAMP C										
18+04.0	19+22.6	LT/RT	595.2	401.8	33.4		50.0			
RAMP D										
0+35.0	1+05.0	LT/RT	315.4	212.9	17.7		26.5			
RAMP A										
19+05.0	20+32.1	LT/RT	650.9	439.4	36.5		54.7			
RAMP B										
0+35.5	1+30.0	LT/RT	396.4	267.6	22.2		33.3			
HICKORY GROVE CENTER										
10+31.8	10+57.0	LT/RT	117.3						52.8	16.5
HICKORY GROVE										
10+31.8	10+66.0	LT/RT	146.0						65.7	20.5
63RD ST										
9+10.0	9+69.0	LT/RT	631.5						284.2	88.5
TOTALS				55732.9	3811.9	2246.3	6384.4	5996.3	583.2	206.4
USE				55734	3812	2247	6385	5997	584	207

HMA SURFACE REMOVAL SCHEDULE

LOCATION		SIDE	44000155 HMA SURFACE REMOVAL, 1 1/2"	44000158 HMA SURFACE REMOVAL, 2 1/4"	44000159 HMA SURFACE REMOVAL, 2 1/2"	X4401198 HMA SURFACE REMOVAL, VARIABLE DEPTH
			SQ YD	SQ YD	SQ YD	SQ YD
IL 104						
70+59.0	70+97.6	LT/RT		233.8		
70+96.8	90+45.0	LT/RT		11797.5		
90+45.0	100+75.0	LT/RT	6237.3			
100+75.0	106+80.0	LT/RT	3630.0			
106+80.0	116+21.1	LT/RT		5646.6		
80+69.8	87+80.0	LT/RT		4213.9		
87+80.0	95+10.3	LT/RT			4840.6	
95+10.3	100+50.0	LT/RT			4283.8	
100+50.0	106+50.0	LT/RT			4560.3	
106+50.0	113+00.0	LT/RT			4594.3	
113+00.0	118+46.0	LT/RT			3679.9	
121+15.0	128+00.0	LT/RT			4470.7	
128+00.0	131+50.3	LT/RT			1965.1	
131+50.3	136+47.1	LT/RT			3744.1	
136+47.1	143+00.0	LT/RT			4497.8	
143+00.0	147+32.0	LT/RT			2976.0	
S 52ND ST						
9+10.8	9+64.5				423.6	
N 52ND ST						
10+35.0	10+91.1				631.2	
53RD ST						
10+36.6	10+82.0					401.1
S 54TH ST						
8+85.0	9+65.5				811.1	
N 54TH ST						
10+36.1	11+22.0				793.0	
RAMP C						
18+04.0	19+22.6				595.3	
RAMP D						
0+35.0	1+05.0				315.4	
RAMP A						
19+05.0	20+32.1				650.9	
RAMP B						
0+35.5	1+30.0				396.4	
HICKORY GROVE CENTER						
10+31.8	10+57.0	LT/RT			117.4	
HICKORY GROVE						
10+31.8	10+66.0	LT/RT			146.0	
63RD ST						
9+10.0	9+69.0				538.6	93.1
TOTALS			9867.3	21891.8	45031.5	494.2
USE			9868	21892	45032	495

PCC PAVEMENT SCHEDULE

LOCATION		QUADRANT/ SIDE	31101000 SUBBASE GRANULAR MATERIAL TY B	42000540 PCC PAVEMENT, 12"
			TON	SQ YD
38TH ST				
9+33.7	9+72.0	LT/RT	30.8	153.6
10+27.1	10+32.3	LT	0.4	1.7
CARDINAL TER				
9+19.0	9+73.0	LT/RT	38.7	193.2
ADEN DR				
10+27.0	10+53.0	LT/RT	21.0	105.0
TOTALS			90.9	453.5
USE			91	454

SHOULDER SCHEDULE

LOCATION		SIDE	AREA (SQ YD)	40600290 BITUMINOUS MATERIALS (TACK COAT)	44000159 HMA SURFACE REMOVAL, 2 1/2"	48203100 HMA SHOULDERS
				POUND	SQ YD	TON
IL 104						
107+04.4	111+93.5	RT	4910.0	245.5	545.6	76.4
107+25.6	111+56.5	LT	1994.4	99.8	221.6	31.1
113+05.5	118+41.2	LT	5263.8	263.2	584.9	81.9
113+12.5	118+50.7	RT	5419.1	271.0	602.2	84.4
121+19.0	126+52.1	LT	5350.3	267.6	594.5	83.3
121+29.0	126+58.0	RT	5283.5	264.2	587.1	82.2
127+89.0	128+00.0	LT	100.2	5.1	11.2	1.6
128+00.0	132+11.8	LT	4031.6	201.6	448.0	62.8
128+33.0	131+47.8	RT	2037.9	101.9	226.5	31.8
RAMP C						
18+04.0	19+22.6	LT/RT	1725.6	86.3	191.8	26.9
RAMP D						
0+35.0	1+05.0	LT/RT	1175.6	58.8	130.7	18.3
RAMP A						
19+05.0	20+32.1	LT/RT	1913.2	95.7	212.6	29.8
20+22.1	20+30.6	RT	299.2	15.0	33.3	4.7
RAMP B						
0+35.5	1+30.0	LT/RT	1596.9	79.9	177.5	24.9
TOTALS				2055.6	4567.5	640.1
USE				2056	4568	641

PCC BASE COURSE WIDENING SCHEDULE

LOCATION	QUADRANT/ SIDE	35400520 PCC BASE COURSE WIDENING 12"	40800050 INCIDENTAL HMA SURFACING	40800029 BITUMINOUS MATERIALS (TACK COAT)
		SQ YD	TON	POUND
IL 104				
52ND ST				
	SW	9.5	1.4	4.3
	SE	6.7	1.0	3.1
	NW	11.4	1.7	5.2
	NE	6.5	1.0	3.0
	NB MEDIAN	20.2	2.9	9.2
53RD ST				
	NW	19.5	2.8	8.8
	NE	19.5	2.8	8.8
	NB MEDIAN	16.9	2.4	7.6
54TH ST				
	SW	7.7	1.1	3.5
	SE	9.6	1.4	4.4
	NW	10.3	1.5	4.7
	SB MEDIAN	31.0	4.4	14.0
63RD ST				
	SW	4.9	0.7	2.2
	SE	6.3	0.9	2.9
	NB MEDIAN	26.1	3.7	11.8
TOTALS		206.1	29.7	93.5
USE		207	30	94

HMA BASE COURSE SCHEDULE

LOCATION		QUADRANT/ SIDE	WIDTH	35501324 HMA BASE CSE, 10"	44004250 PAVED SHOULDER REMOVAL
			FOOT	SQ YD	SQ YD
IL 104					
116+42.0	118+42.0	LT	10.0	222.2	222.2
116+52.0	118+52.0	RT	10.0	222.2	222.2
121+19.0	123+09.0	LT	10.0	211.1	211.1
121+29.0	123+19.0	RT	10.0	211.1	211.1
TOTALS				866.6	866.6
USE				867	867

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Engineers • Architects • Surveyors
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich | PLOT SCALE = 40.0000 ' / in. | PLOT DATE = 1/19/2026
DESIGNED - | DRAWN - | CHECKED - | DATE -
REVISED - | REVISED - | REVISED - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	16
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

COMBINATION CURB AND GUTTER SCHEDULE

LOCATION		QUADRANT/ SIDE	60603500 COMBINATION CONCRETE CURB AND GUTTER TY B-6.06 FOOT	60605000 COMBINATION CONCRETE CURB AND GUTTER TY B-6.24 FOOT	31101000 SUBBASE GRANULAR MATERIAL TY B TON
IL 104					
73+45.0	73+80.0	RT		35.0	2.4
75+15.0	75+65.0	RT		50.0	3.5
89+25.0	90+45.0	RT		120.0	10.1
89+25.0	101+81.0	LT		1256.0	129.1
91+48.0	108+00.0	RT		1652.0	158.5
102+68.0	108+00.0	LT		532.0	49.3
110+17.0	110+98.0	RT		81.0	5.6
111+05.0	112+55.0	LT		150.0	10.3
113+00.0	113+75.0	RT		75.0	5.2
113+40.0	114+03.0	LT		63.0	4.4
82+60.0	84+75.0	LT		215.0	14.8
89+82.0	90+60.0	LT		78.0	5.4
98+35.0	98+60.0	RT		25.0	1.8
99+35.0	99+65.0	RT		30.0	2.1
100+20.0	100+84.0	RT		64.0	4.4
38TH ST					
		SW		24.7	1.7
		SE		63.9	4.4
		NW		33.8	2.4
		NE		45.9	3.2
CARDINAL TERR					
		SW		82.5	5.7
		SE		71.1	4.9
ADEN DR					
		NW		42.9	3.0
		NE		42.3	2.9
52ND ST					
		SW		40.7	4.6
		SE		28.8	3.3
		NW		48.9	5.6
		NE		28.3	3.2
		NB MEDIAN	23.9	39.5	9.4
53RD ST					
		NW		83.2	9.4
		NE		84.0	9.5
		NB MEDIAN	19.4	38.4	6.7
54TH ST					
		SW		33.3	3.8
		SE		40.7	4.6
		NW		44.1	5.0
		SB MEDIAN	44.0	67.5	14.5
61ST ST					
		SW		29.2	2.1
		SE		16.5	1.2
		SB MEDIAN	27.9	43.8	6.0
		NB MEDIAN	23.6	38.6	5.6
63RD ST					
		SW		21.1	2.4
		SE		27.3	3.1
		NB MEDIAN	35.0	54.5	12.5
TOTALS			173.8	5641.5	547.6
USE			174	5642	548

MISCELLANEOUS PAVING ITEMS

ITEM	DESCRIPTION	UNIT	TOTALS
40600990	TEMPORARY RAMP	SQ YD	1000
40600370	LONGITUDINAL JOINT SEALANT	FOOT	56126

*THE SCHEDULE FOR MISCELLANEOUS PAVING ITEMS CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

PCC SIDEWALK SCHEDULE

LOCATION		QUADRANT/ SIDE	42400100 PCC SIDEWALK 4" SQ FT	X4240420 PCC SIDEWALK 4" (SPECIAL) SQ FT	42400800 DETECTABLE WARNINGS SQ FT
IL 104					
73+21.2	75+65.2	RT	1220.0		
79+59.6	82+21.0	RT	1307.0		
88+32.0	90+59.0	RT	1148.2		
91+48.6	96+75.1	RT	2371.9		
99+44.4	100+50.0	LT	522.7		
101+31.7	104+25.6	RT	859.2		
102+69.0	108+00.0	LT	1812.9		
105+87.7	114+82.5	RT	3582.5		
110+89.0	114+93.0	LT	1496.2		
82+54.6	84+75.0	LT	739.4		
88+35.0	94+14.2	LT	2691.3		
95+84.7	105+35.0	RT	4519.0		
102+50.9	105+45.1	LT	1478.1		
38TH ST					
		SW		195.6	10
		SE		277.6	10
		NW		157.1	10
		NE		300.7	10
CARDINAL TER					
		SW		79.0	18.7
		SE		111.5	18.7
ADEN DR					
		NW		107.5	10
		NE		130.6	10
52ND ST					
		SW		188.1	10
		SE		228.0	10
		NW		304.2	10
		NE		131.1	10
		NB MEDIAN		81.8	30
53RD ST					
		NW		120.5	10
		NE		298.9	10
		NB MEDIAN		42.7	20
54TH ST					
		SW		324.4	10
		SE		55.2	10
		NW		373.9	10
		SB MEDIAN		134.6	30
61ST ST					
		SW		190.0	10
		SE		106.7	10
		SB MEDIAN		51.9	20
		NB MEDIAN		45.5	20
63RD ST					
		SW		210.2	10
		SE		55.2	10
		NB MEDIAN		67.6	20
TOTALS			23748.4	4370.1	367.4
USE			23749	4371	368

PROTECTIVE COAT SCHEDULE

DESCRIPTION	42001300 PROTECTIVE COAT SQ YD
PORTLAND CEMENT CONCRETE PAVEMENT, 12"	454
PCC DRIVEWAY PAVEMENT, 8 INCH	1661
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	30
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	1881
CONCRETE MEDIAN SURFACE, 4 INCH	132
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	2639
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	486
TOTAL	7283

PCC DRIVEWAY SCHEDULE

LOCATION		SIDE	35101400 AGGREGATE BASE COURSE, TY B (4") TON	42300400 PCC DRIVEWAY PAVEMENT 8" SQ YD
IL 104				
89+25.0	89+38.4	LT	1.2	5.7
91+20.0		LT	2.8	14.0
92+17.4		LT	6.5	32.1
92+53.5		LT	6.5	32.1
94+93.7		RT	8.1	40.5
96+80.5		LT	6.4	32.0
96+90.2		RT	2.8	13.9
97+52.5		LT	4.9	24.5
99+26.2		LT	12.4	61.7
99+27.6		RT	5.7	28.3
101+10.8		LT	4.4	21.7
101+82.6		RT	16.9	84.2
102+74.5		RT	16.9	84.2
103+35.7		RT	15.1	75.2
103+35.8		LT	5.5	27.1
104+19.2		LT	8.5	42.2
104+25.6	105+06.3	RT	13.1	65.4
104+82.7		LT	6.8	33.8
105+16.0		RT	5.8	28.9
105+25.8	105+58.2	RT	7.3	36.4
105+64.0		LT	8.5	42.2
105+72.9		RT	7.9	39.1
106+19.4		RT	15.5	77.3
106+52.4		LT	8.8	43.9
106+93.3		RT	18.9	94.1
107+09.7		LT	6.2	30.8
110+57.1		RT	15.0	74.8
111+44.0		LT	10.4	51.8
112+20.4		LT	8.6	42.7
113+36.4		RT	17.6	87.8
113+72.1		LT	9.2	45.6
82+92.9		LT	8.2	41.0
84+37.5		LT	6.7	33.4
90+20.3		LT	14.6	72.8
100+57.1		RT	19.9	99.4
TOTALS			333.6	1660.6
USE			334	1661

CONCRETE MEDIAN SURFACE, 4 INCH

LOCATION		QUADRANT/ SIDE	20600110 GRANULAR EMBANKMENT, SPECIAL TON	60618300 CONCRETE MEDIAN SURFACE, 4 INCH SQ FT
IL 104				
104+38.3	104+67.4	LT	3.4	99.1
104+98.2	105+44.8	LT	10.5	156.1
52ND ST				
		NB MEDIAN	9.2	95.4
53RD ST				
		NB MEDIAN	6.3	70.7
54TH ST				
		SB MEDIAN	25.9	320.6
61ST ST				
		SB MEDIAN	9.7	118.0
		NB MEDIAN	7.1	81.5
63RD ST				
		NB MEDIAN	17.9	233.1
TOTAL			90.0	1174.5
USE			90	1175

PERIMETER EROSION BARRIER SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
28000400	PERIMETER EROSION BARRIER	FOOT	4600

*THE SCHEDULE FOR PERIMETER EROSION BARRIER CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

COMBINATION CURB AND GUTTER REMOVAL SCHEDULE

44000500

LOCATION		QUADRANT/ SIDE	COMBINATION CURB AND GUTTER REMOVAL
			FOOT
IL 104			
73+45.0	73+80.0	RT	35.0
75+15.0	75+65.0	RT	50.0
89+25.0	90+45.0	RT	120.0
89+25.0	101+81.0	LT	1256.0
91+48.0	108+00.0	RT	1652.0
102+68.0	108+00.0	LT	532.0
110+17.0	110+98.0	RT	81.0
111+05.0	112+55.0	LT	150.0
113+00.0	113+75.0	RT	75.0
113+40.0	114+03.0	LT	63.0
82+60.0	84+75.0	LT	215.0
89+82.0	90+60.0	LT	78.0
98+35.0	98+60.0	RT	25.0
99+35.0	99+65.0	RT	30.0
100+20.0	100+84.0	RT	64.0
38TH ST			
		SW	24.7
		SE	63.9
		NW	33.8
		NE	45.9
CARDINAL TER			
		SW	82.5
		SE	71.8
ADEN DR			
		NW	43.0
		NE	42.3
52ND ST			
		SW	40.7
		SE	28.8
		NW	48.9
		NE	28.3
		NB MEDIAN	60.3
53RD ST			
		NW	83.2
		NE	84.0
		NB MEDIAN	36.2
54TH ST			
		SW	33.3
		SE	40.7
		NW	44.1
		SB MEDIAN	89.0
61ST ST			
		SW	29.2
		SE	16.5
		SB MEDIAN	58.8
		NB MEDIAN	59.5
63RD ST			
		SW	21.1
		SE	27.3
		NB MEDIAN	82.9
TOTAL			5746.7
USE			5747

DECORATIVE STONE SCHEDULE

X1800024

LOCATION		QUADRANT/ SIDE	DECORATIVE STONE
			SQ FT
IL 104			
97+65.0	97+99.0	LT	147.5
98+24.0	98+60.0	LT	137.6
98+85.0	99+08.0	LT	115.7
101+50.0	101+68.0	RT	104.8
101+97.0	102+60.0	RT	50.0
83+10.0	84+24.0	LT	185.8
84+51.0	84+80.0	LT	100.4
38TH ST			
		NW	49.0
		NE	93.0
TOTAL			983.8
USE			984

SIDEWALK REMOVAL SCHEDULE

44000600

LOCATION		QUADRANT/ SIDE	SIDEWAL REMOVAL
			SQ FT
IL 104			
100+38.4	100+54.5	LT	69.3
107+52.5	108+00.0	LT	231.3
38TH ST			
		SW	570.0
		SE	354.8
		NW	269.4
		NE	355.3
ADEN DR			
		NW	105.2
48TH ST			
		NW	43.2
52ND ST			
		SW	291.9
		SE	182.1
		NW	167.1
		NE	223.7
		NB MEDIAN	84.3
53RD ST			
		NW	208.1
		NE	358.3
		NB MEDIAN	36.2
54TH ST			
		NW	218.6
61ST ST			
		SW	149.6
		SE	165.0
		SB MEDIAN	33.6
		NB MEDIAN	36.7
63RD ST			
		SW	229.4
		SE	25.1
		NB MEDIAN	67.6
TOTAL			4475.8
USE			4476

DRIVEWAY REMOVAL SCHEDULE

44000200

LOCATION		SIDE	DRIVEWAY PAVEMENT REMOVAL
			SQ YD
IL 104			
88+32.0	88+32.8	RT	0.4
89+25.0	89+38.6	LT	6.7
91+20.0		LT	78.9
92+17.4		LT	33.9
92+53.5		LT	34.6
94+93.7		RT	39.3
96+80.5		LT	28.8
96+90.2		RT	11.9
97+52.5		LT	24.6
99+26.2		LT	57.5
99+27.6		RT	28.8
101+10.8		LT	21.3
101+82.6		RT	84.1
102+74.5		RT	82.0
103+35.7		RT	73.0
103+35.8		LT	26.0
103+94.6	105+04.5	LT	109.4
104+25.6	105+87.7	RT	164.2
105+64.0		LT	43.0
106+19.4		RT	71.6
106+30.5	107+25.6	LT	81.1
106+93.3		RT	97.2
110+57.1		RT	70.7
111+44.0		LT	51.8
112+20.4		LT	44.1
113+36.4		RT	87.4
113+72.1		LT	45.4
82+92.9		LT	37.9
84+37.5		LT	31.5
90+20.3		LT	73.3
100+57.1		RT	95.3
TOTALS			1735.7
USE			1736

PAVEMENT REMOVAL SCHEDULE

44000100

LOCATION		QUADRANT/ SIDE	PAVEMENT REMOVAL
			SQ YD
IL 104			
38TH ST			
9+33.7	9+72.0	LT/RT	155.0
CARDINAL TER			
9+19.0	9+73.0	LT/RT	206.9
ADEN DR			
10+27.0	10+53.0	LT/RT	103.4
52ND ST			
		SW	10.0
		SE	6.7
		NW	11.3
		NE	6.9
		NB MEDIAN	20.2
53RD ST			
		NW	20.7
		NE	21.1
		NB MEDIAN	23.4
54TH ST			
		SW	8.1
		SE	11.2
		NW	10.0
		SB MEDIAN	63.0
61ST ST			
		SB MEDIAN	9.2
		NB MEDIAN	5.7
63RD ST			
		SW	5.0
		SE	6.5
		NB MEDIAN	28.2
TOTALS			732.5
USE			733

MEDIAN REMOVAL

44003100

LOCATION	QUADRANT/ SIDE	MEDIAN REMOVAL
		SQ FT
52ND ST		
	NB MEDIAN	114.5
53RD ST		
	NB MEDIAN	36.6
54TH ST		
	SB MEDIAN	462.0
61ST ST		
	SB MEDIAN	143.2
	NB MEDIAN	150.3
63RD ST		
	NB MEDIAN	289.2
TOTAL		1195.8
USE		1196

CONCRETE RETAINING WALL REMOVAL SCHEDULE

Z0075496

LOCATION		SIDE	CONCRETE RETAINING WALL REMOVAL
			FOOT
IL 104			
105+16.6		LT	2
114+78.3	114+81.9	RT	6
			8

EARTH EXCAVATION SCHEDULE

20200100

LOCATION		SIDE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED (25%)	EMBANKMENT	EARTHWORK BALANCE
			CU YD			
IL 104						
73+21.2	75+65.2	RT	7.4	5.6	9.8	(4.2)
79+59.6	82+21.0	RT	22.2	16.7	3.0	13.7
88+32.0	90+59.0	RT	6.0	4.5	64.9	(60.4)
89+25.0	101+81.0	LT	41.8	31.4	49.5	(18.1)
91+48.6	114+52.5	RT	170.3	127.8	38.5	89.3
102+69.0	108+00.0	LT	31.8	23.9	10.0	13.9
110+89.0	114+59.4	LT	32.4	24.3	1.3	23.0
82+54.6	84+75.0	LT	18.4	13.8	0.1	13.7
88+35.0	94+13.6	LT	31.2	23.4	3.0	20.4
95+85.8	105+33.7	RT	31.7	23.8	23.7	0.1
102+50.9	105+44.0	LT	6.5	4.9	13.9	(9.0)
CARDINAL TER						
9+19.0	9+73.0	LT/RT	65.7	49.3	0.0	49.3
ADEN DR						
10+27.0	10+53.0	LT/RT	34.5	25.9	0.0	25.9
TOTALS			499.9	375.3	217.7	157.6
USE			500	376	218	158

ESTIMATED PATCHING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	15
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	165
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	120

*THE SCHEDULE FOR ESTIMATED PATCHING CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

ESTIMATED CONCRETE CURB REPAIR SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
Z0012500	CONCRETE CURB REPAIR	FOOT	219

*THE SCHEDULE FOR ESTIMATED CONCRETE CURB REPAIR CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

SEEDING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
25000210	SEEDING, CLASS 2A	ACRE	0.9
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	81
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	81
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.8
25100125	MULCH, METHOD 3	ACRE	0.9
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	180

*THE SCHEDULE FOR SEEDING CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

MODEL: Default
FILE NAME: P:\Quincy\22files\2201446\Work Order 10 - Broadway\18-Transportation\CADD Sheets\D672295-sht-schedule-REV.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich | DESIGNED - | REVISED -
DRAWN - | REVISED -
PLOT SCALE = 40.0000 ' / in. | CHECKED - | REVISED -
PLOT DATE = 1/20/2026 | DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	18
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

MANHOLE ADJUSTMENT SCHEDULE

LOCATION	SIDE	OFFSET	60255500 MANHOLES TO BE ADJUSTED
			EACH
IL 104			
72+83.0	LT	36.8	1
79+80.3	RT	35.5	1
90+28.3	RT	49.6	1
90+70.3	RT	41.8	1
99+34.5	LT	34.7	1
103+71.8	RT	38.4	1
105+95.4	LT	37.2	1
106+51.3	RT	35.4	1
111+59.1	LT	33.7	1
114+77.1	LT	53.8	1
TOTAL			10
USE			10

INLET RECONSTRUCTION SCHEDULE

LOCATION	SIDE	OFFSET	60262700 INLETS TO BE RECONSTRUCTED
			EACH
IL 104			
91+58.4	RT	29.6	1
93+06.4	RT	29.6	1
93+21.7	LT	30.1	1
97+25.4	RT	29.6	1
TOTAL			4
USE			4

CLEANING EXISTING INLETS

LOCATION	SIDE	OFFSET	Z0010615 CLEANING EXISTING INLETS
			EACH
IL 104			
85+18.6	RT	29.4	1
92+49.8	RT	38.0	1
93+60.6	RT	38.0	1
TOTAL			3
USE			3

JUNCTION BOX SCHEDULE

LOCATION	SIDE	OFFSET	X8130120 RELOCATE EXISTING JUNCTION BOX	X8130130 JUNCTION BOX TO BE ADJUSTED
			EACH	EACH
IL 104				
100+37.0	LT	35.6	1	
102+28.1	RT	33.4		1
102+59.2	LT	32.0	1	
104+00.6	LT	38.0	1	
105+28.6	LT	39.2	1	
107+34.2	LT	36.8	1	
107+49.4	LT	37.3		1
112+98.7	LT	37.3	1	
114+12.7	LT	37.7		1
84+58.5	LT	32.5		1
102+80.4	RT	42.0		1
103+74.4	LT	54.9		1
103+92.2	RT	49.2		1
TOTALS			6	7
USE			6	7

INLET ADJUSTMENT SCHEDULE

LOCATION	SIDE	OFFSET	60260100 INLETS TO BE ADJUSTED
			EACH
IL 104			
72+82.1	LT	33.4	1
73+59.4	RT	30.1	1
79+98.9	RT	29.7	1
89+65.3	RT	29.6	1
90+04.9	LT	30.1	1
91+18.2	RT	53.9	1
91+56.8	LT	30.1	1
97+25.2	LT	30.1	1
101+27.2	LT	29.6	1
101+29.3	RT	29.6	1
103+87.5	RT	29.6	1
103+88.7	LT	29.6	1
111+59.9	RT	30.7	1
111+88.8	LT	30.7	1
114+03.2	RT	30.0	1
114+04.7	LT	29.6	1
92+50.0	LT	38.6	1
94+46.1	RT	43.1	1
98+49.9	RT	38.8	1
99+49.8	RT	38.8	1
100+86.7	LT	75.3	1
106+91.1	RT	56.7	1
ADDITIONAL ESTIMATE			6
TOTAL			28
USE			28

REMOVE, STORE AND RE-ERECT SIGN PANEL SCHEDULE

LOCATION	QUADRANT	X7200053 REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)
		SQ FT
38TH ST		
	NW	3
	NE	3
	SW	2
	SE	2
48TH ST		
	NW	3
	NE	3
	SW	3
	SE	3
52ND ST		
	NW	3
	SW	3
	SE	3
	NB MEDIAN	3
54TH ST		
	NW	3
	NE	5
	SE	3
	SB MEDIAN	5
RAMP C/D		
		4
RAMP A/B		
		4
61ST ST		
	NW	2
	NE	2
	SE	1
	SB MEDIAN	1
	NB MEDIAN	1
TOTALS		65
USE		65

WATER VALVE SCHEDULE

LOCATION	SIDE	OFFSET	56109210 WATER VALVES TO BE ADJUSTED
			EACH
IL 104			
72+03.7	LT	41.8	1
72+03.8	LT	44.0	1
93+13.7	LT	28.2	1
102+37.7	RT	33.2	1
105+20.4	LT	37.6	1
105+83.7	LT	38.2	1
105+83.9	LT	35.3	1
107+33.0	LT	37.8	1
107+46.0	LT	36.8	1
ADDITIONAL ESTIMATE			6
TOTAL			15
USE			15

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	SIDE	OFFSET	28000500 INLET AND PIPE PROTECTION
			EACH
IL 104			
105+69.2	LT	65.4	1
135+47.9	RT	72.2	1
TOTAL			2
USE			2

SIGN SCHEDULE

LOCATION	QUADRANT/ SIDE	OFFSET	72000100 SIGN PANEL - TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT	73100100 BASE FOR TELESCOPING STEEL SIGN SUPPORT	X2600011 REMOVE AND RELOCATE SIGN PANEL
			SQ FT	FOOT	EACH	EACH
IL 104						
89+97.3	RT	35.5		15		1
90+69.5	RT	52.7		15		1
91+23.3	RT	47.1		15		1
91+26.1	RT	41.2		13		1
102+08.3	LT	50.5		13		1
102+40.9	LT	52.56		15		1
112+27.2	RT	37.3		32		1
113+08.7	LT	34.46		15		1
91+24.4	LT	47.03		34		1
92+32.7	LT	47.1		34		1
93+77.6	LT	48.7		46		4
101+29.7	LT	53.3		17		3
101+89.6	RT	45.2		30		3
145+96.9	RT	54.6		11	1	2
146+23.4	RT	76.3		15		2
53RD ST						
	NW		7	15		
TOTALS			7	335	1	24
USE			7	335	1	24

ESTIMATED REMOVE AND REPLACE LID SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
X6030100	REMOVE AND REPLACE LID	EACH	10

*THE SCHEDULE FOR ESTIMATED REMOVE AND REPLACE LID CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

MODEL: Default
FILE NAME: P:\Quincy22\files\22146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D8672795-sht-schedule-REV.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	19
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LETTERS AND SYMBOLS

78004600

LOCATION	SIDE	DESCRIPTION	SQ FT
IL 104			
70+65.0	CL	LEFT TURN ARROW	15.6
71+63.6	CL	LEFT TURN ARROW	15.6
73+06.5	CL	LEFT TURN ARROW	15.6
73+92.5	CL	LEFT TURN ARROW	15.6
75+21.5	CL	LEFT TURN ARROW	15.6
75+53.5	CL	LEFT TURN ARROW	15.6
77+68.0	CL	LEFT TURN ARROW	15.6
78+00.0	CL	LEFT TURN ARROW	15.6
79+40.0	CL	LEFT TURN ARROW	15.6
79+72.0	CL	LEFT TURN ARROW	15.6
82+05.1	CL	LEFT TURN ARROW	15.6
82+37.1	CL	LEFT TURN ARROW	15.6
84+70.4	CL	LEFT TURN ARROW	15.6
85+02.4	CL	LEFT TURN ARROW	15.6
87+35.7	CL	LEFT TURN ARROW	15.6
87+67.7	CL	LEFT TURN ARROW	15.6
90+01.0	CL	LEFT TURN ARROW	15.6
90+33.0	CL	LEFT TURN ARROW	15.6
91+65.0	CL	LEFT TURN ARROW	15.6
91+97.0	CL	LEFT TURN ARROW	15.6
94+07.0	CL	LEFT TURN ARROW	15.6
94+39.0	CL	LEFT TURN ARROW	15.6
96+49.0	CL	LEFT TURN ARROW	15.6
96+81.0	CL	LEFT TURN ARROW	15.6
98+91.0	CL	LEFT TURN ARROW	15.6
99+23.0	CL	LEFT TURN ARROW	15.6
101+33.0	CL	LEFT TURN ARROW	15.6
101+65.0	CL	LEFT TURN ARROW	15.6
102+85.0	CL	LEFT TURN ARROW	15.6
103+17.0	CL	LEFT TURN ARROW	15.6
105+00.5	CL	LEFT TURN ARROW	15.6
105+32.5	CL	LEFT TURN ARROW	15.6
107+16.2	CL	LEFT TURN ARROW	15.6
107+48.2	CL	LEFT TURN ARROW	15.6
109+31.9	CL	LEFT TURN ARROW	15.6
109+63.9	CL	LEFT TURN ARROW	15.6
111+47.6	CL	LEFT TURN ARROW	15.6
111+79.6	CL	LEFT TURN ARROW	15.6
113+08.6	CL	LEFT TURN ARROW	15.6
113+81.6	CL	LEFT TURN ARROW	15.6
114+54.6	CL	LEFT TURN ARROW	15.6
80+81.1	CL	LEFT TURN ARROW	15.6
81+72.1	CL	LEFT TURN ARROW	15.6
83+01.1	CL	LEFT TURN ARROW	15.6
83+33.1	CL	LEFT TURN ARROW	15.6
84+67.5	CL	LEFT TURN ARROW	15.6
84+99.5	CL	LEFT TURN ARROW	15.6
86+34.0	CL	LEFT TURN ARROW	15.6
86+66.0	CL	LEFT TURN ARROW	15.6
91+92.2	RT	LEFT TURN ARROW	15.6
93+08.7	RT	LEFT TURN ARROW	15.6
94+25.2	RT	LEFT TURN ARROW	15.6
95+98.5	LT	LEFT TURN ARROW	15.6
96+13.9	LT	RIGHT TURN ARROW	15.6
96+59.0	LT	LEFT TURN ARROW	15.6
97+18.0	LT	RIGHT TURN ARROW	15.6
98+22.0	LT	RIGHT TURN ARROW	15.6
98+55.7	RT	LEFT TURN ARROW	15.6
99+73.0	RT	LEFT TURN ARROW	15.6
101+26.8	LT	RIGHT TURN ARROW	15.6
102+31.1	LT	RIGHT TURN ARROW	15.6
103+35.3	LT	RIGHT TURN ARROW	15.6
104+53.3	RT	RIGHT TURN ARROW	15.6
104+71.8	RT	LEFT TURN ARROW	15.6
105+32.7	RT	RIGHT TURN ARROW	15.6
105+67.8	RT	LEFT TURN ARROW	15.6
107+20.7	LT	LEFT TURN ARROW	15.6
107+20.7	LT	RIGHT TURN ARROW	15.6
108+12.3	LT	RIGHT TURN ARROW	15.6
108+19.6	LT	LEFT TURN ARROW	15.6
109+03.8	LT	RIGHT TURN ARROW	15.6
109+18.4	LT	LEFT TURN ARROW	15.6
114+00.6	LT	LEFT TURN ARROW	15.6
114+81.7	LT	LEFT TURN ARROW	15.6

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LETTERS AND SYMBOLS (CONTINUED)

78004600

LOCATION	SIDE	DESCRIPTION	SQ FT
IL 104			
115+62.8	LT	LEFT TURN ARROW	15.6
116+44.0	LT	LEFT TURN ARROW	15.6
123+17.7	RT	LEFT TURN ARROW	15.6
124+01.2	RT	LEFT TURN ARROW	15.6
124+84.6	RT	LEFT TURN ARROW	15.6
125+68.0	RT	LEFT TURN ARROW	15.6
133+40.0	RT	RIGHT TURN ARROW	15.6
134+08.0	RT	RIGHT TURN ARROW	15.6
134+76.0	RT	RIGHT TURN ARROW	15.6
137+25.0	CL	LEFT TURN ARROW	15.6
138+46.0	CL	LEFT TURN ARROW	15.6
139+75.0	CL	LEFT TURN ARROW	15.6
140+07.0	CL	LEFT TURN ARROW	15.6
141+81.0	CL	LEFT TURN ARROW	15.6
142+13.0	CL	LEFT TURN ARROW	15.6
143+87.0	CL	LEFT TURN ARROW	15.6
144+19.0	CL	LEFT TURN ARROW	15.6
146+57.0	CL	LEFT TURN ARROW	15.6
N 52ND ST			
10+78.9	CL	LEFT TURN ARROW	15.6
10+78.9	LT	COMB RIGHT/THRU	26.0
S 54TH ST			
9+04.6	RT	LEFT TURN ARROW	15.6
9+19.6	RT	COMB LEFT/THRU	26.0
9+19.6	RT	RIGHT TURN ARROW	15.6
N 54TH ST			
10+90.1	LT	LEFT TURN ARROW	15.6
10+90.1	LT	COMB LEFT/THRU	26.0
10+90.1	LT	RIGHT TURN ARROW	15.6
RAMP C			
18+75.1	LT	LEFT TURN ARROW	15.6
18+88.1	RT	RIGHT TURN ARROW	15.6
RAMP A			
19+87.0	LT	LEFT TURN ARROW	15.6
19+96.7	RT	RIGHT TURN ARROW	15.6
63RD ST			
9+23.2	LT	LEFT TURN ARROW	15.6
TOTAL			1669.2
USE			1670

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 6"

78004630

LOCATION		SIDE	DESCRIPTION	WHITE FOOT
IL 104				
70+59.0	70+97.6	RT	CHANNELIZATION	39.0
70+96.8	71+88.6	RT	CHANNELIZATION	92.0
71+96.9	72+03.2	LT/RT	CROSSWALK	143.0
72+71.1	72+77.1	LT/RT	CROSSWALK	146.0
72+81.5	73+96.5	LT	CHANNELIZATION	115.0
113+04.6	114+79.6	RT	CHANNELIZATION	175.0
114+83.9	114+91.9	LT/RT	CROSSWALK	182.0
115+93.1	116+01.1	LT/RT	CROSSWALK	178.0
116+07.4	116+21.1	LT	CHANNELIZATION	14.0
80+69.8	81+76.1	LT	CHANNELIZATION	107.0
91+88.2	94+50.2	RT	CHANNELIZATION	262.0
94+59.8	94+65.9	LT/RT	CROSSWALK	178.0
95+44.8	95+50.8	LT/RT	CROSSWALK	165.0
95+54.8	96+63.0	LT	CHANNELIZATION	109.0
95+88.9	98+26.0	LT	CHANNELIZATION	238.0
98+26.0	99+77.0	LT	2' SKIP DASH	38.0
98+49.7	99+98.0	RT	CHANNELIZATION	149.0
101+01.8	103+39.3	LT	CHANNELIZATION	238.0
102+55.2	104+49.3	RT	2' SKIP DASH	50.0
103+00.0	104+67.8	RT	2' SKIP DASH	42.0
103+39.3	105+17.3	LT	2' SKIP DASH	46.0
104+49.3	105+65.1	RT	CHANNELIZATION	116.0
104+67.8	105+92.8	RT	CHANNELIZATION	125.0
105+68.6	106+49.9	LT/RT	2' SKIP DASH	28.0
105+96.9	106+03.0	LT/RT	CROSSWALK	181.0
106+33.5	107+16.0	LT/RT	2' SKIP DASH	34.0

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 6" (CONTINUED)

78004630

LOCATION		SIDE	DESCRIPTION	WHITE FOOT
IL 104				
106+80.8	106+86.9	LT/RT	CROSSWALK	165.0
106+95.7	109+07.8	LT	CHANNELIZATION	213.0
106+95.7	109+22.4	LT	CHANNELIZATION	227.0
109+07.8	111+07.1	LT	2' SKIP DASH	50.0
113+75.6	116+48.0	LT	CHANNELIZATION	273.0
123+13.7	125+93.0	RT	CHANNELIZATION	280.0
130+97.5	133+36.0	RT	2' SKIP DASH	60.0
133+36.0	135+60.9	RT	CHANNELIZATION	225.0
135+88.1	136+62.4	LT/RT	2' SKIP DASH	28.0
137+00.0	138+50.0	LT	CHANNELIZATION	150.0
146+32.0	147+32.0	LT	CHANNELIZATION	100.0
38TH ST				
9+33.7	9+53.3	RT	CHANNELIZATION	20.0
9+58.6	9+64.6	LT/RT	CROSSWALK	159.0
10+35.9	10+41.9	LT/RT	CROSSWALK	109.0
10+45.9	10+60.0	LT	CHANNELIZATION	15.0
CARDINAL TER				
9+54.5	9+60.5	LT/RT	CROSSWALK	96.0
ADEN DR				
10+33.6	10+39.6	LT/RT	CROSSWALK	75.0
S 52ND ST				
9+49.0	9+55.0	LT/RT	CROSSWALK	168.0
N 52ND ST				
10+43.8	10+49.8	LT/RT	CROSSWALK	132.0
10+48.6	10+71.8	RT	CROSSWALK	57.0
10+53.9	10+91.1	LT	CHANNELIZATION	38.0
53RD ST				
10+41.9	10+47.9	LT/RT	CROSSWALK	120
10+43.4	10+62.7	RT	CROSSWALK	41.0
S 54TH ST				
8+85.0	9+44.6	RT	CHANNELIZATION	60.0
8+85.0	9+44.6	RT	CHANNELIZATION	60.0
9+28.0	9+48.2	LT	CROSSWALK	46.0
9+48.9	9+54.9	LT/RT	CROSSWALK	146.0
N 54TH ST				
10+65.1	11+22.0	LT	CHANNELIZATION	57.0
10+65.1	11+22.0	LT	CHANNELIZATION	57.0
RAMP C				
18+04.0	18+57.4	LT	CHANNELIZATION	54.0
RAMP A				
19+05.0	19+48.2	LT	CHANNELIZATION	44.0
61ST ST				
9+30.1	9+51.8	RT	CROSSWALK	50.0
9+30.5	9+50.8	LT	CROSSWALK	48.0
9+48.4	9+54.4	LT/RT	CROSSWALK	123.0
63RD ST				
9+10.0	9+12.0	LT	CHANNELIZATION	2.0
9+31.2	9+53.0	RT	CROSSWALK	50.0
9+51.1	9+58.4	LT/RT	CROSSWALK	125.0
TOTALS				6748.0
USE				6748

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 8"

78004640

LOCATION		SIDE	DESCRIPTION	WHITE FOOT
IL 104				
95+37.5	95+88.9	LT	CHANNELIZATION	173.0
100+62.9	101+01.8	LT	CHANNELIZATION	124.0
105+65.1	106+23.2	RT	CHANNELIZATION	203.0
106+69.6	106+95.7	LT	CHANNELIZATION	83.0
112+24.2	112+77.7	LT	CHANNELIZATION	203.0
126+87.0	127+43.7	RT	CHANNELIZATION	248.0
135+60.9	136+13.9	RT	CHANNELIZATION	188.0
136+75.4	137+31.6	RT	CHANNELIZATION	183.0
145+90.0	146+52.2	RT	CHANNELIZATION	196.0
TOTALS				1601.0
USE				1601

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 12"

78004660

LOCATION		SIDE	DESCRIPTION	WHITE FOOT
IL 104				
95+37.5	95+88.9	LT	MEDIAN DIAGONALS	64.0
100+62.9	101+01.8	LT	MEDIAN DIAGONALS	41.0
105+65.1	106+23.2	RT	MEDIAN DIAGONALS	38.0
106+69.6	106+95.7	LT	MEDIAN DIAGONALS	44.0
112+24.2	112+77.7	LT	MEDIAN DIAGONALS	95.0
126+87.0	127+43.7	RT	MEDIAN DIAGONALS	101.0
135+49.0	136+01.0	LT/RT	MEDIAN DIAGONALS	35.0
135+60.9	136+13.9	RT	MEDIAN DIAGONALS	56.0
136+75.4	137+31.6	RT	MEDIAN DIAGONALS	67.0
144+44.0	144+96.0	LT/RT	MEDIAN DIAGONALS	36.0
145+90.0	146+52.2	RT	MEDIAN DIAGONALS	55.0
TOTAL				632.0
USE				632

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 24"

78004720

LOCATION	SIDE	DESCRIPTION	FOOT
IL 104			
71+82.6	RT	STOP BAR	26.0
71+88.6	LT/RT	STOP BAR	11.0
72+81.5	LT/RT	STOP BAR	35.0
114+79.6	LT/RT	STOP BAR	40.0
116+07.4	LT/RT	STOP BAR	40.0
94+50.2	LT/RT	STOP BAR	43.0
95+54.8	LT	STOP BAR	24.0
95+65.5	LT	STOP BAR	18.0
95+73.5	LT/RT	STOP BAR	12.0
99+98.0	LT/RT	STOP BAR	12.0
100+87.5	LT	STOP BAR	18.0
105+80.7	RT	STOP BAR	18.0
105+92.8	RT	STOP BAR	36.0
106+80.1	LT	STOP BAR	18.0
106+95.7	LT	STOP BAR	37.0
112+16.9	RT	STOP BAR	29.0
113+75.6	LT	STOP BAR	38.0
125+93.0	RT	STOP BAR	38.0
127+50.3	LT	STOP BAR	30.0
135+76.7	RT	STOP BAR	18.0
135+99.0	RT	STOP BAR	24.0
136+94.4	RT	STOP BAR	18.0
137+00.0	LT/RT	STOP BAR	38.0
146+11.2	RT	STOP BAR	18.0
38TH ST			
9+48.0	LT/RT	STOP BAR	11.0
9+53.3	RT	STOP BAR	21.0
10+45.9	LT	STOP BAR	15.0
10+52.9	LT/RT	STOP BAR	11.0
CARDINAL TER			
9+58.8	RT	STOP BAR	18.0
ADEN DR			
10+43.7	LT	STOP BAR	14.0
S 52ND ST			
9+44.3	RT	STOP BAR	27.0
N 52ND ST			
10+53.9	LT/RT	STOP BAR	37.0
53RD ST			
10+53.9	LT	STOP BAR	27.0
S 54TH ST			
9+29.6	RT	STOP BAR	12.0
9+44.6	RT	STOP BAR	32.0
N 54TH ST			
10+65.1	LT/RT	STOP BAR	46.0
RAMP C			
18+95.4	LT	STOP BAR	21.0
19+14.4	RT	STOP BAR	18.0
RAMP A			
20+07.5	RT	STOP BAR	18.0
20+12.0	LT	STOP BAR	14.0
61ST ST			
9+44.3	RT	STOP BAR	27.0
63RD ST			
9+48.2	LT	STOP BAR	10.0
TOTAL			1018.0
USE			1018

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 5"

78004625

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
70+59.0	70+97.6	RT	10' SKIP DASH	10.0	
70+59.0	70+97.6	LT	CHANNELIZATION		78.0
70+59.0	70+97.6	LT	10' SKIP DASH	10.0	
70+96.8	71+82.6	RT	10' SKIP DASH	30.0	
70+96.8	71+88.6	LT	CHANNELIZATION		184.0
70+96.8	71+88.6	LT	10' SKIP DASH	30.0	
72+81.5	74+96.5	LT/RT	CHANNELIZATION		630.0
72+81.5	78+25.0	LT	10' SKIP DASH	140.0	
72+81.5	90+58.0	RT	10' SKIP DASH	450.0	
74+96.5	78+25.0	LT	CHANNELIZATION		329.0
74+96.5	78+25.0	RT	CHANNELIZATION		329.0
74+96.5	78+25.0	LT	10' SKIP DASH		90.0
74+96.5	78+25.0	RT	10' SKIP DASH		90.0
79+15.0	90+58.0	LT	CHANNELIZATION		1143.0
79+15.0	90+58.0	RT	CHANNELIZATION		1143.0
79+15.0	90+58.0	LT	10' SKIP DASH		290.0
79+15.0	90+58.0	RT	10' SKIP DASH		290.0
79+15.0	101+90.0	LT	10' SKIP DASH	570.0	
91+40.0	101+90.0	LT	CHANNELIZATION		1050.0
91+40.0	101+90.0	RT	CHANNELIZATION		1050.0
91+40.0	101+90.0	LT	10' SKIP DASH		270.0
91+40.0	101+90.0	RT	10' SKIP DASH		270.0
91+40.0	114+79.6	RT	10' SKIP DASH	590.0	
102+60.0	112+04.6	LT	CHANNELIZATION		240.0
102+60.0	112+04.6	RT	CHANNELIZATION		240.0
102+60.0	112+04.6	LT	10' SKIP DASH		240.0
102+60.0	112+04.6	RT	10' SKIP DASH		240.0
102+60.0	114+79.6	LT	10' SKIP DASH	310.0	
116+07.4	116+21.1	RT	CHANNELIZATION		28.0
116+07.4	116+21.1	LT	10' SKIP DASH	10.0	
116+07.4	116+21.1	RT	10' SKIP DASH	10.0	
80+69.8	82+76.1	LT/RT	CHANNELIZATION		613.0
80+69.8	94+50.2	LT	10' SKIP DASH	350.0	
80+69.8	94+50.2	RT	10' SKIP DASH	350.0	
82+76.1	86+93.0	LT	10' SKIP DASH		110.0
82+76.1	86+93.0	RT	10' SKIP DASH		110.0
82+76.1	90+23.7	LT	CHANNELIZATION		748.0
82+76.1	90+23.7	RT	CHANNELIZATION		748.0
91+15.0	94+54.7	LT	CHANNELIZATION		340.0
91+15.0	94+54.7	RT	CHANNELIZATION		340.0
95+54.8	105+68.6	LT	10' SKIP DASH	260.0	
95+54.8	105+92.8	RT	10' SKIP DASH	260.0	
95+72.8	100+10.8	LT	CHANNELIZATION		438.0
95+72.8	100+10.8	RT	CHANNELIZATION		438.0
100+72.5	105+96.3	LT	CHANNELIZATION		524.0
100+72.5	105+96.3	RT	CHANNELIZATION		524.0
106+95.0	112+16.9	LT	10' SKIP DASH	140.0	
107+15.0	112+16.9	RT	10' SKIP DASH	130.0	
107+03.4	112+94.8	LT	CHANNELIZATION		592.0
107+03.4	112+94.8	RT	CHANNELIZATION		592.0
113+69.1	118+44.5	LT	CHANNELIZATION		476.0
113+69.1	118+47.4	RT	CHANNELIZATION		479.0
113+75.6	118+42.8	LT	10' SKIP DASH	120.0	
113+75.6	118+49.0	RT	10' SKIP DASH	120.0	
121+12.2	125+93.0	LT	10' SKIP DASH	130.0	
121+17.6	125+93.0	RT	10' SKIP DASH	120.0	
121+13.7	125+99.4	LT	CHANNELIZATION		486.0
121+16.2	125+99.4	RT	CHANNELIZATION		486.0
126+71.3	128+00.0	LT	CHANNELIZATION		129.0
126+71.3	128+00.0	RT	CHANNELIZATION		129.0
127+50.3	128+00.0	LT	10' SKIP DASH	20.0	
127+50.3	128+00.0	RT	10' SKIP DASH	20.0	
128+00.0	135+49.0	LT	CHANNELIZATION		749.0
128+00.0	135+49.0	RT	CHANNELIZATION		749.0
128+00.0	135+88.1	LT	10' SKIP DASH	200.0	
128+00.0	135+99.0	RT	10' SKIP DASH	200.0	
132+75.2	135+49.0	LT	10' SKIP DASH		70.0
132+75.2	135+49.0	RT	10' SKIP DASH		70.0
135+49.0	136+01.0	LT/RT	CHANNELIZATION		104.0
137+00.0	139+50.0	LT/RT	CHANNELIZATION		700.0
137+00.0	147+32.0	LT	10' SKIP DASH	260.0	
137+00.0	147+32.0	RT	10' SKIP DASH	260.0	
139+50.0	144+44.0	LT	10' SKIP DASH		130.0
139+50.0	144+44.0	RT	10' SKIP DASH		130.0

PREFORMED PLASTIC PAVEMENT MARKING
TYPE D - STANDARD - LINE 5" (CONTINUED)

78004625

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
139+50.0	144+44.0	LT	CHANNELIZATION		494.0
139+50.0	144+44.0	RT	CHANNELIZATION		494.0
144+44.0	144+96.0	LT/RT	CHANNELIZATION		104.0
146+32.0	147+32.0	RT	CHANNELIZATION		200.0
38TH ST					
9+33.7	9+48.0	LT	SOLID YELLOW		29.0
10+52.9	10+60.0	CL	SOLID YELLOW		15.0
S 52ND ST					
9+10.8	9+44.3	CL	SOLID YELLOW		67.0
9+10.8	9+44.3	CL	SOLID YELLOW		67.0
N 52ND ST					
10+53.9	10+91.1	RT	CHANNELIZATION		75.0
53RD T					
10+53.9	10+82.0	CL	SOLID YELLOW		57.0
S 54TH ST					
8+85.0	9+29.6	CL	SOLID YELLOW		90.0
N 54TH ST					
10+65.1	11+22.0	RT	SOLID YELLOW		114.0
61ST ST					
9+16.4	9+44.3	RT	10' SKIP DASH WHITE	10.0	
63RD ST					
9+10.0	9+48.2	LT	SOLID YELLOW		77.0
TOTALS				5110.0	21109.0
USE				26219	

MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

78009005

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
107+04.3	111+96.1	RT	EDGE LINE	492.0	
107+25.6	111+58.7	LT	EDGE LINE	434.0	
113+05.6	126+52.1	LT	EDGE LINE	1347.0	
113+12.6	126+57.8	RT	EDGE LINE	1346.0	
118+49.0	121+17.6	RT	10' SKIP DASH WHITE	70.0	
118+47.4	121+16.2	RT	SOLID YELLOW		269.0
118+44.5	121+13.7	LT	SOLID YELLOW		270.0
118+42.8	121+12.2	LT	10' SKIP DASH WHITE	70.0	
127+78.9	128+00.0	LT	EDGE LINE	22.0	
128+00.0	132+11.6	LT	EDGE LINE	412.0	
128+09.4	131+47.8	RT	EDGE LINE	339.0	
RAMP C					
18+04.0	19+48.8	RT	EDGE LINE	186.0	
18+04.0	19+12.0	LT	EDGE LINE	114.0	
RAMP D					
0+22.9	1+05.0	RT	EDGE LINE	117.0	
0+43.3	1+05.0	LT	EDGE LINE	70.0	
RAMP A					
19+05.0	20+32.2	LT	EDGE LINE	134.0	
19+05.0	20+31.4	RT	EDGE LINE	190.0	
RAMP B					
0+35.6	1+30.0	LT	EDGE LINE	100.0	
0+35.4	1+30.0	RT	EDGE LINE	147.0	
TOTALS				5590.0	539.0
USE				6129	

GROOVING FOR RECESSED PAVEMENT MARKING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LTR & SYM	SQ FT	1670
78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	31669
78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	6748
78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1601
78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	632
78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1018

*THE SCHEDULE FOR GROOVING FOR RECESSED PAVEMENT MARKING CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

PAVEMENT MARKING REMOVAL SCHEDULE

78300202

LOCATION		SIDE	PAVEMENT MARKING REMOVAL - WATER BLASTING
			SQ FT
38 TH			
9+59.0	10+60.0	LT/RT	236.0
61ST ST			
9+10.4	9+69.0	LT/RT	580.0
TOTAL			816

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	730
78200020	CURB REFLECTORS	EACH	322
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	730

*THE SCHEDULE FOR RAISED REFLECTIVE PAVEMENT MARKER CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

SHORT TERM PAVEMENT MARKING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTALS
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7290
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2430

*THE SCHEDULE FOR SHORT TERM PAVEMENT MARKING CONTAINS ESTIMATED QUANTITIES. THEY MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich | DESIGNED - | REVISED -
PLOT SCALE = 40.0000 ' / in. | DRAWN - | REVISED -
PLOT DATE = 1/19/2026 | CHECKED - | REVISED -
DATE - | REVISED -

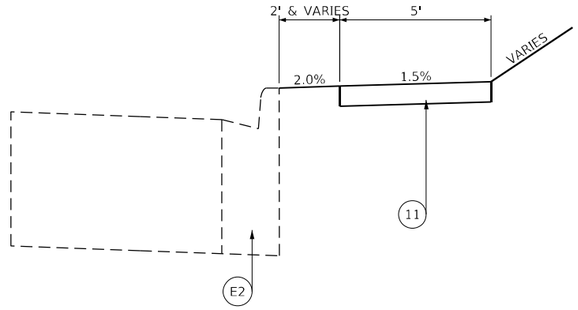
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	21
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



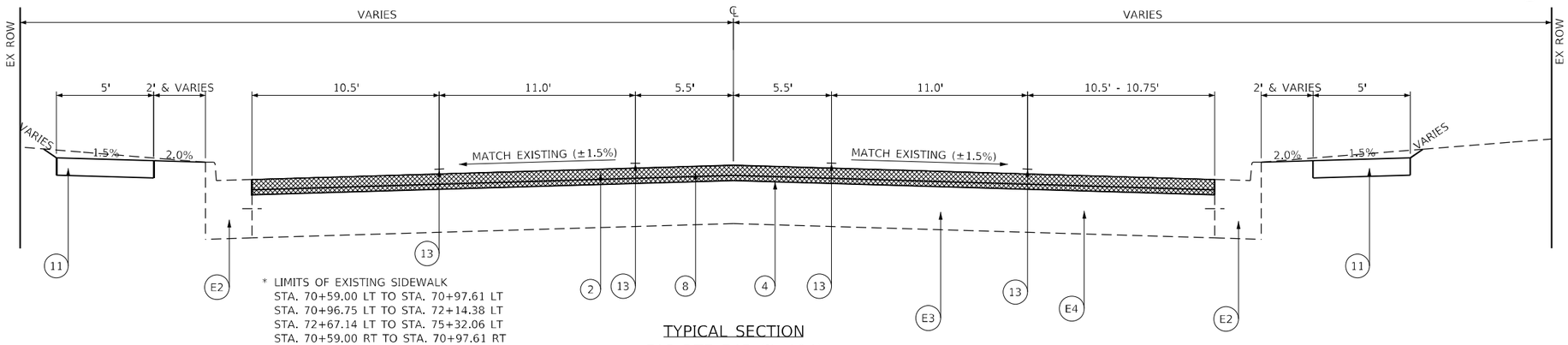
* SEE PLAN SHEETS FOR PR SIDEWALK LOCATIONS

TYPICAL SIDEWALK SECTIONS

LEGEND

- E1 EXISTING PCC SIDEWALK
- E2 EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- E3 EXISTING PAVEMENT HMA & PCC (12")
- E4 EXISTING PAVEMENT PCC (10")
- E5 EXISTING SUB-BASE GRANULAR MATERIAL (4")
- E6 EXISTING BITUMINOUS SHOULDER
- E7 EXISTING MEDIAN
- E8 EXISTING HMA SURFACE COURSE (1.5")
- E9 EXISTING HMA BINDER COURSE (2.5")
- E10 EXISTING PCC PAVEMENT (9"-6"-9") W/ HMA OVERLAY (4")
- E11 EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT (8")
- E12 EXISTING HMA BASE COURSE (10")

- 1 PROPOSED HMA SURFACE REMOVAL (1.5")
- 2 PROPOSED HMA SURFACE REMOVAL (2.25")
- 3 PROPOSED HMA SURFACE REMOVAL (2.5")
- 4 PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- 5 PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (1")
- 6 PROPOSED HMA BINDER, IL-19.0, N50 (2.25")
- 7 PROPOSED HMA BINDER, IL-19.0, N50 (VARIES)
- 8 PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- 9 PROPOSED HMA SHOULDERS, (2.5")
- 10 PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- 11 PROPOSED SIDEWALK (4")
- 12 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- 13 PROPOSED PAVEMENT MARKING
- 14 PROPOSED INCIDENTAL HMA SURFACING (2.5")
- 15 PROPOSED PPC BASE COURSE WIDENING 12"

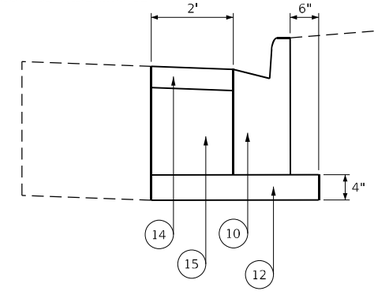


* LIMITS OF EXISTING SIDEWALK
STA. 70+59.00 LT TO STA. 70+97.61 LT
STA. 70+96.75 LT TO STA. 72+14.38 LT
STA. 72+67.14 LT TO STA. 75+32.06 LT
STA. 70+59.00 RT TO STA. 70+97.61 RT
STA. 70+96.75 RT TO STA. 72+04.59 RT
STA. 72+72.17 RT TO STA. 73+07.60 RT
STA. 75+64.80 RT TO STA. 79+59.60 RT
STA. 82+20.90 RT TO STA. 88+09.20 RT

TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 70+59.00 TO STA. 70+97.61
STA. 70+96.75 TO STA. 89+25.00

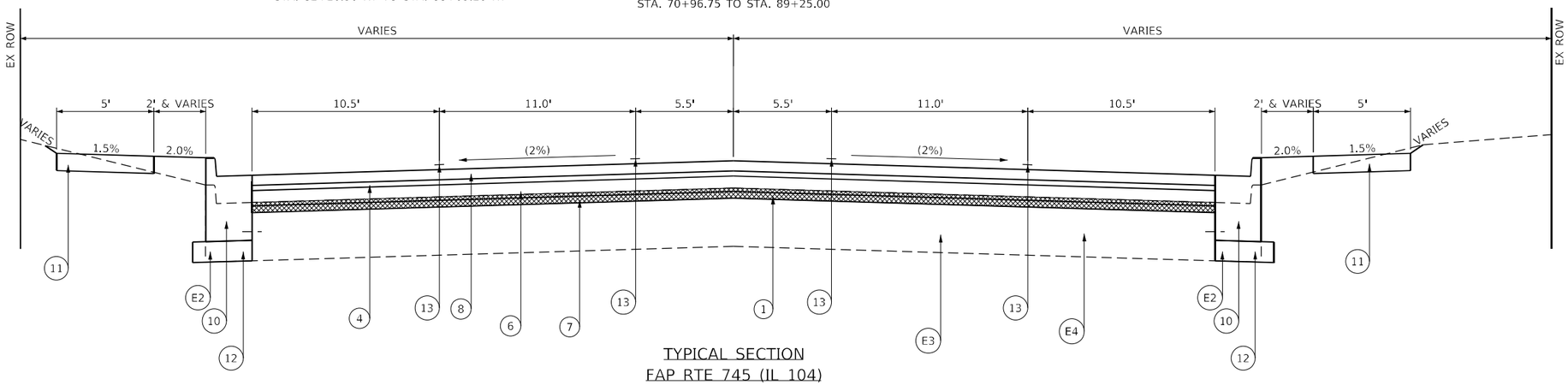
STATION EQUATION STA. 70+97.61 BK = STA. 70+96.75 AH



TYPICAL RADIUS RETURN AT SIDE STREETS

*DETAIL ABOVE PRIOR TO ANY RESURFACING PAVEMENT REMOVAL 2' & VARIES

**PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B VARIABLE DEPTH
STA. 89+25.00 TO STA. 106+80.00



* LIMITS OF EXISTING SIDEWALK
STA. 96+99.30 RT TO STA. 101+31.80 RT
STA. 100+75.75 LT TO STA. 102+05.09 LT
STA. 107+52.50 LT TO STA. 108+00.00 LT

TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 89+25.00 TO STA. 108+00.00

** PROFILE TRANSITION
STA. 89+25.00 TO STA. 90+45.00
STA. 106+80.00 TO 108+00.00

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

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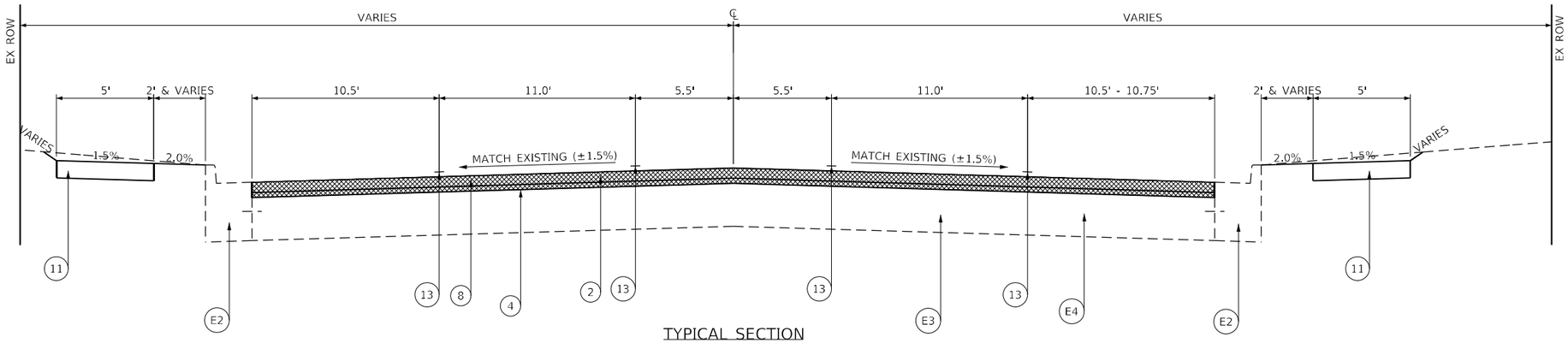
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	22
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

LEGEND

- E1 EXISTING PCC SIDEWALK
- E2 EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- E3 EXISTING PAVEMENT HMA & PCC (12")
- E4 EXISTING PAVEMENT PCC (10")
- E5 EXISTING SUB-BASE GRANULAR MATERIAL (4")
- E6 EXISTING BITUMINOUS SHOULDER
- E7 EXISTING MEDIAN
- E8 EXISTING HMA SURFACE COURSE (1.5")
- E9 EXISTING HMA BINDER COURSE (2.5")
- E10 EXISTING PCC PAVEMENT (9"-6"-9") W/ HMA OVERLAY (4")
- E11 EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT (8")
- E12 EXISTING HMA BASE COURSE (10")

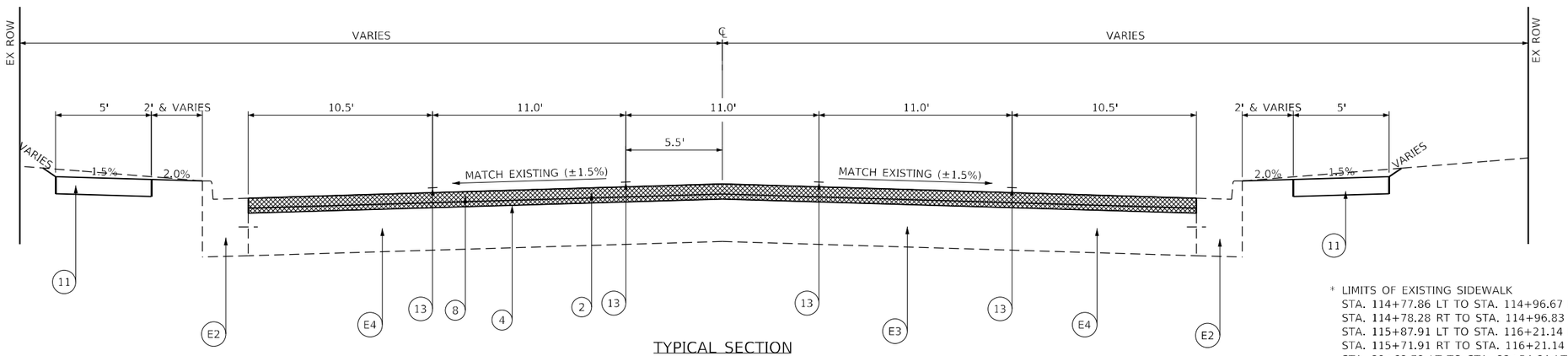
- 1 PROPOSED HMA SURFACE REMOVAL (1.5")
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- 11 PROPOSED SIDEWALK (4")
- 12 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- 13 PROPOSED PAVEMENT MARKING
- 14 PROPOSED INCIDENTAL HMA SURFACING (2.5")
- 15 PROPOSED PPC BASE COURSE WIDENING 12"



TYPICAL SECTION
FAP RTE 745 (IL 104)

* LIMITS OF EXISTING SIDEWALK
STA. 108+00.00 LT TO STA. 110+89.00 LT

STA. 108+00.00 TO STA. 113+94.23



TYPICAL SECTION
FAP RTE 745 (IL 104)

STATION EQUATION STA. 116+21.13 BK = STA. 80+69.79 AH

STA. 113+94.23 TO STA. 116+21.13
STA. 80+69.79 TO STA. 88+00.00

* LIMITS OF EXISTING SIDEWALK
STA. 114+77.86 LT TO STA. 114+96.67 LT
STA. 114+78.28 RT TO STA. 114+96.83 RT
STA. 115+87.91 LT TO STA. 116+21.14 LT
STA. 115+71.91 RT TO STA. 116+21.14 RT
STA. 80+69.79 LT TO STA. 82+54.64 LT
STA. 80+69.79 RT TO STA. 88+00.00 RT
STA. 86+19.70 LT TO STA. 87+70.40 LT

** EXISTING CORRUGATED MEDIAN STA. 86+93.00 TO STA. 88+75.89

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Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

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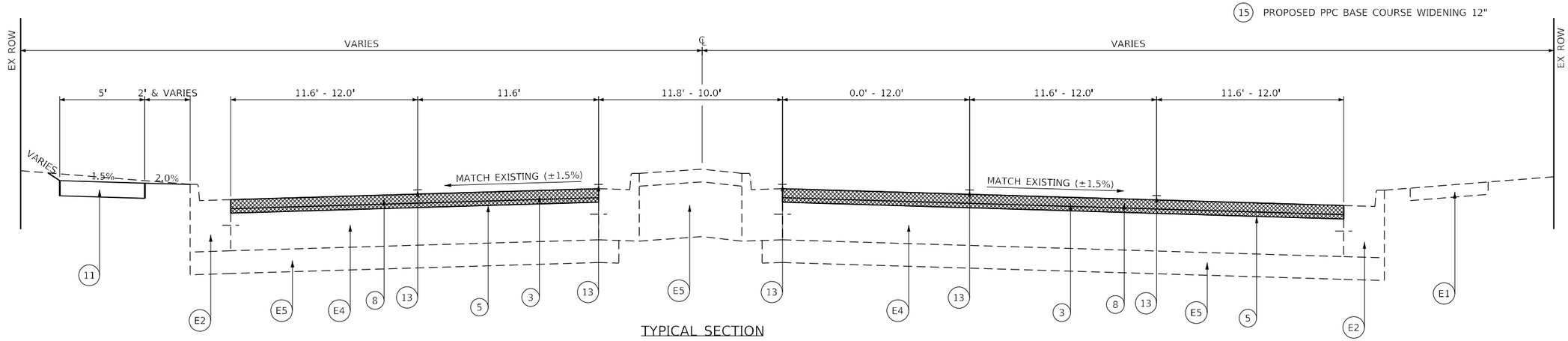
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	23
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

LEGEND

- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (E3) EXISTING PAVEMENT HMA & PCC (12")
- (E4) EXISTING PAVEMENT PCC (10")
- (E5) EXISTING SUB-BASE GRANULAR MATERIAL (4")
- (E6) EXISTING BITUMINOUS SHOULDER
- (E7) EXISTING MEDIAN
- (E8) EXISTING HMA SURFACE COURSE (1.5")
- (E9) EXISTING HMA BINDER COURSE (2.5")
- (E10) EXISTING PCC PAVEMENT (9"-6"-9") W/ HMA OVERLAY (4")
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- (E12) EXISTING HMA BASE COURSE (10")

- (1) PROPOSED HMA SURFACE REMOVAL (1.5")
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- (11) PROPOSED SIDEWALK (4")
- (12) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- (13) PROPOSED PAVEMENT MARKING
- (14) PROPOSED INCIDENTAL HMA SURFACING (2.5")
- (15) PROPOSED PPC BASE COURSE WIDENING 12"



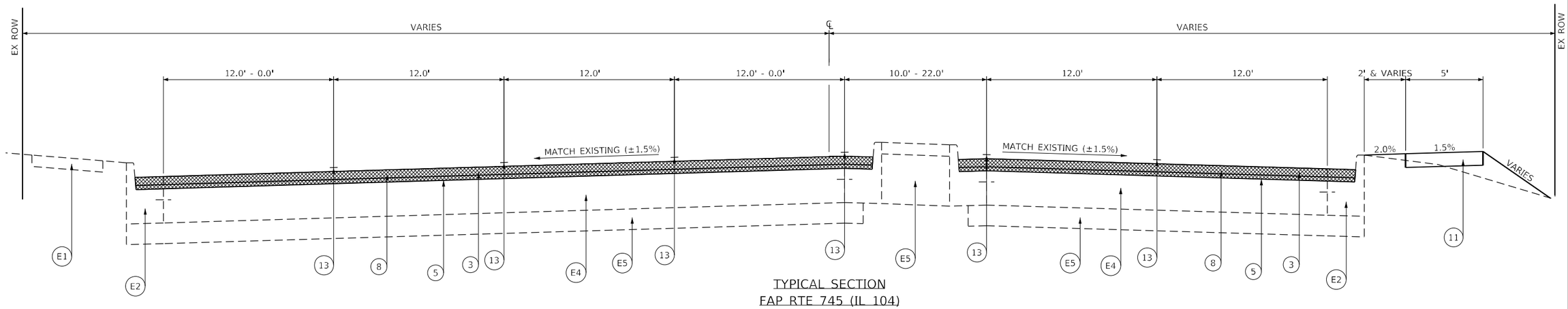
TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 88+00.00 TO STA. 95+10.32

* RAISED MEDIAN BEGINS AT STA. 88+76.00
LIMITS OF CORRUGATED MEDIAN
STA. 86+91.00 TO STA. 88+76.00

** LIMITS OF EXISTING SIDEWALK
STA. 94+55.60 LT TO STA. 94+75.43 LT
STA. 88+00.00 RT TO STA. 94+63.54 RT

*** RESURFACING OVER GUTTER PAN BEGINS AT STA. 88+08.00



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 95+10.32TO STA. 100+50.00

* MEDIAN AND LEFT TURN LANE IS REVERSED
STA. 97+70.00 TO STA. 100+50.00

** LIMITS OF EXISTING SIDEWALK
STA. 95+66.77 LT TO STA. 100+15.96 LT
STA. 95+41.88 RT TO STA. 95+62.38 RT

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Engineers • Architects • Surveyors
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

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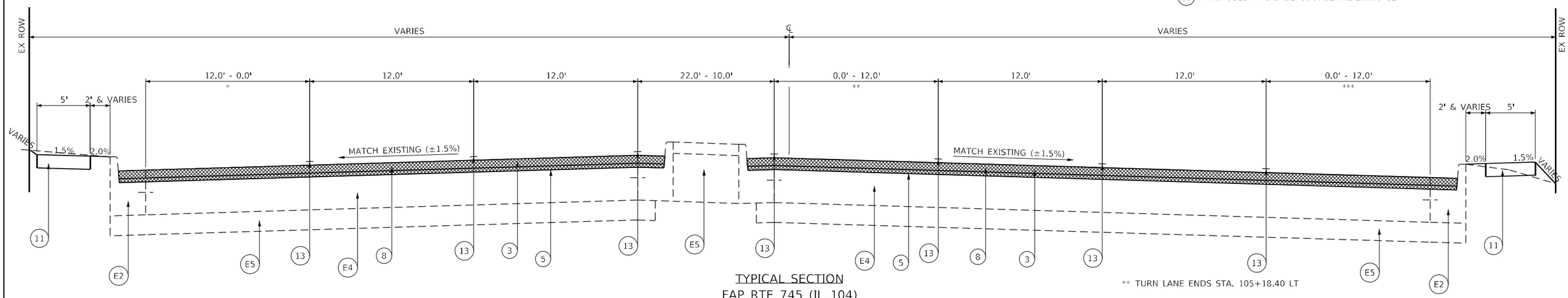
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	24
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (E3) EXISTING PAVEMENT HMA & PCC (12")
- (E4) EXISTING PAVEMENT PCC (10")
- (E5) EXISTING SUB-BASE GRANULAR MATERIAL (4")
- (E6) EXISTING BITUMINOUS SHOULDER
- (E7) EXISTING MEDIAN
- (E8) EXISTING HMA SURFACE COURSE (1.5")
- (E9) EXISTING HMA BINDER COURSE (2.5")
- (E10) EXISTING PCC PAVEMENT (9"-6"-9") W/ HMA OVERLAY (4")
- (E11) EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT (8")
- (E12) EXISTING HMA BASE COURSE (10")

- (1) PROPOSED HMA SURFACE REMOVAL (1.5")
- (2) PROPOSED HMA SURFACE REMOVAL (2.25")
- (3) PROPOSED HMA SURFACE REMOVAL (2.5")
- (4) PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
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- (10) PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (11) PROPOSED SIDEWALK (4")
- (12) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- (13) PROPOSED PAVEMENT MARKING
- (14) PROPOSED INCIDENTAL HMA SURFACING (2.5")
- (15) PROPOSED PPC BASE COURSE WIDENING 12"



TYPICAL SECTION
FAP RTE 745 (IL 104)

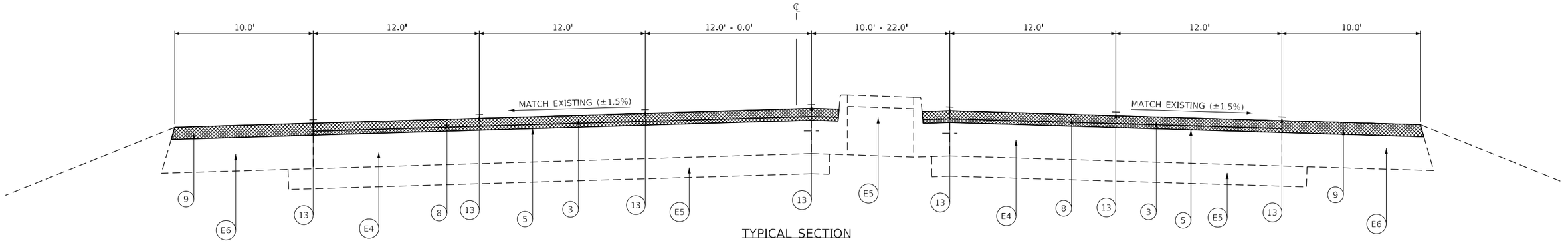
STA. 100+50.00 TO STA. 106+50.00

* LIMITS OF EXISTING SIDEWALK
STA. 100+70.34 LT TO STA. 102+50.91 LT
STA. 105+75.53 LT TO STA. 106+04.85 LT

** TURN LANE ENDS STA. 105+18.40 LT

*** TURN LANE BEGINS STA. 102+47.56 RT

**** TURN LANE BEGINS STA. 102+54.26 RT



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 106+50.00 TO STA. 113+00.00

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
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	PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

SCALE: NONE | SHEET 4 OF 6 SHEETS | STA. | TO STA.

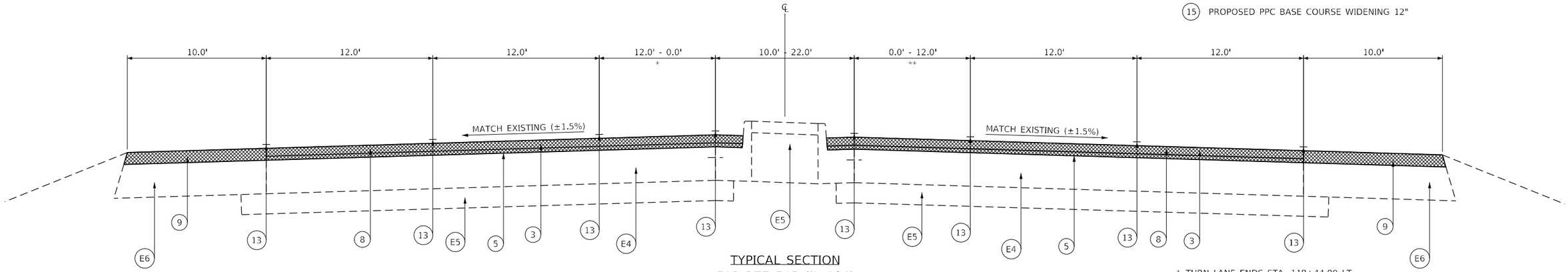
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745	*	ADAMS	240	25
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (E3) EXISTING PAVEMENT HMA & PCC (12")
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- (10) PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (11) PROPOSED SIDEWALK (4")
- (12) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- (13) PROPOSED PAVEMENT MARKING
- (14) PROPOSED INCIDENTAL HMA SURFACING (2.5")
- (15) PROPOSED PPC BASE COURSE WIDENING 12"



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 113+00.00 TO STA. 118+46.00
STA. 121+15.00 TO STA. 131+50.30

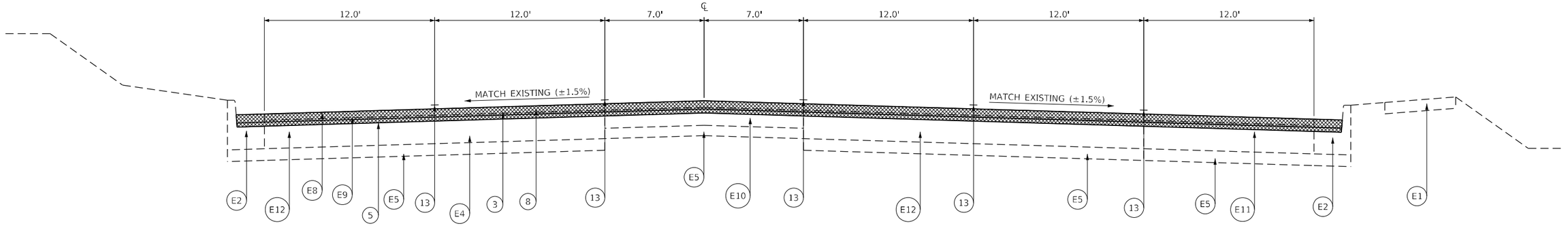
* LIMITS OF EXISTING SIDEWALK
STA. 131+47.71 RT TO STA. 131+50.30 RT

* TURN LANE ENDS STA. 118+44.00 LT

** TURN LANE BEGINS STA. 121+10.00 RT

*** RESURFACING OMISSION STA. 118+46.00 TO STA. 121+15.00

**** EXISTING CORRUGATED MEDIAN STA. 130+73.97 TO STA. 132+75.17



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 131+50.30 TO STA. 136+47.08

* LIMITS OF EXISTING SIDEWALK
STA. 131+50.30 RT TO STA. 135+84.45 RT

** RESURFACING OVER GUTTER PAN ENDS AT STA. 134+86.00

MODEL: Default
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Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/16/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

SCALE: NONE | SHEET 5 OF 6 SHEETS | STA. | TO STA.

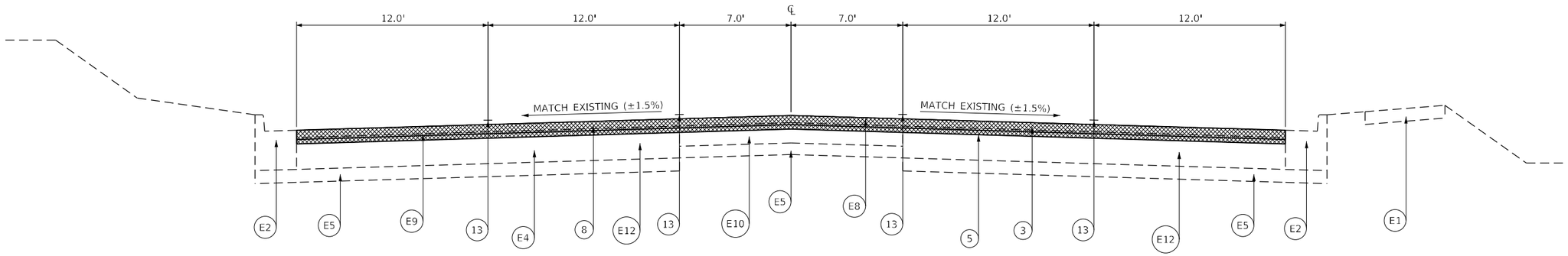
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	26
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

LEGEND

- E1 EXISTING PCC SIDEWALK
- E2 EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- E3 EXISTING PAVEMENT HMA & PCC (12")
- E4 EXISTING PAVEMENT PCC (10")
- E5 EXISTING SUB-BASE GRANULAR MATERIAL (4")
- E6 EXISTING BITUMINOUS SHOULDER
- E7 EXISTING MEDIAN
- E8 EXISTING HMA SURFACE COURSE (1.5")
- E9 EXISTING HMA BINDER COURSE (2.5")
- E10 EXISTING PCC PAVEMENT (9"-6"-9") W/ HMA OVERLAY (4")
- E11 EXISTING CONTINUOUSLY REINFORCED PCC PAVEMENT (8")
- E12 EXISTING HMA BASE COURSE (10")

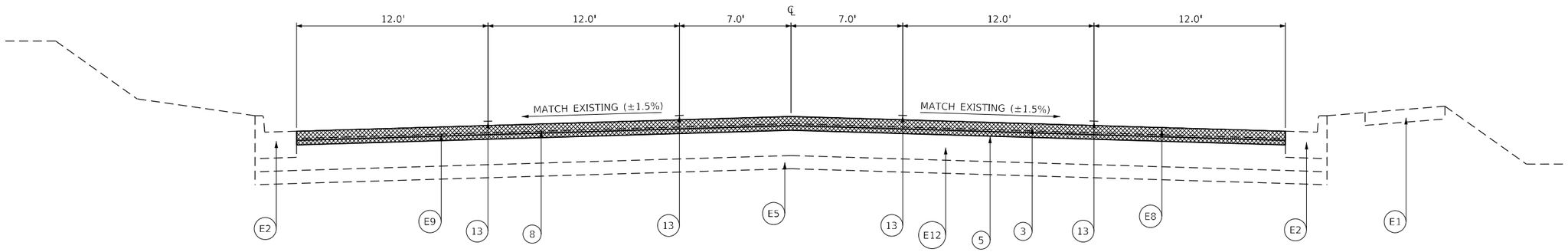
- 1 PROPOSED HMA SURFACE REMOVAL (1.5")
- 2 PROPOSED HMA SURFACE REMOVAL (2.25")
- 3 PROPOSED HMA SURFACE REMOVAL (2.5")
- 4 PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- 5 PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (1")
- 6 PROPOSED HMA BINDER, IL-19.0, N50 (2.25")
- 7 PROPOSED HMA BINDER, IL-19.0, N50 (VARIES)
- 8 PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- 9 PROPOSED HMA SHOULDERS, (2.5")
- 10 PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- 11 PROPOSED SIDEWALK (4")
- 12 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B (4" MIN)
- 13 PROPOSED PAVEMENT MARKING
- 14 PROPOSED INCIDENTAL HMA SURFACING (2.5")
- 15 PROPOSED PPC BASE COURSE WIDENING 12"



TYPICAL SECTION
FAP RTE 745 (IL 104)

* LIMITS OF EXISTING SIDEWALK
STA. 136+89.15 RT TO STA. 143+00.00 RT

STA. 136+47.08 TO STA. 143+00.00



TYPICAL SECTION
FAP RTE 745 (IL 104)

* LIMITS OF EXISTING SIDEWALK
STA. 143+00.00 RT TO STA. 145+52.12 RT
STA. 146+22.68 RT TO STA. 146+30.13 RT

STA. 143+00.00 TO STA. 147+32.00

~

~ LIMITS OF EXISTING SIDEWALK
STA. 143+00.00 RT TO STA. 145+36.00 RT

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
TYPICAL SECTIONS

SCALE: NONE | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	27
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-SHB3)BJR,BDR

STAGE CONSTRUCTION SEQUENCE

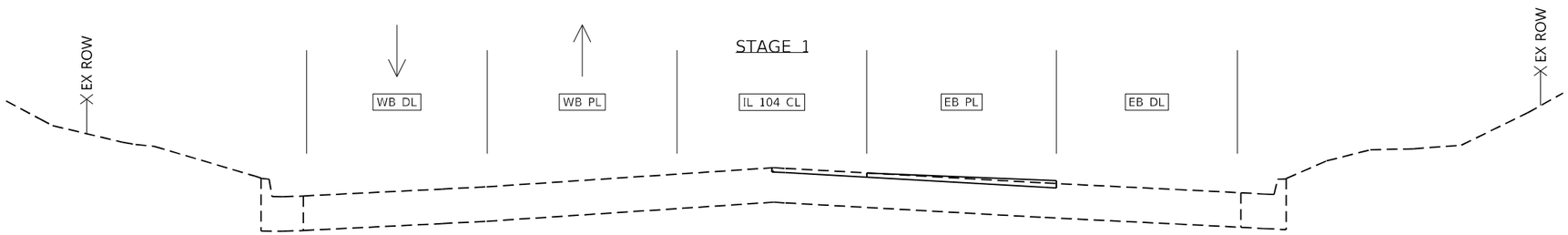
THE FOLLOWING STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

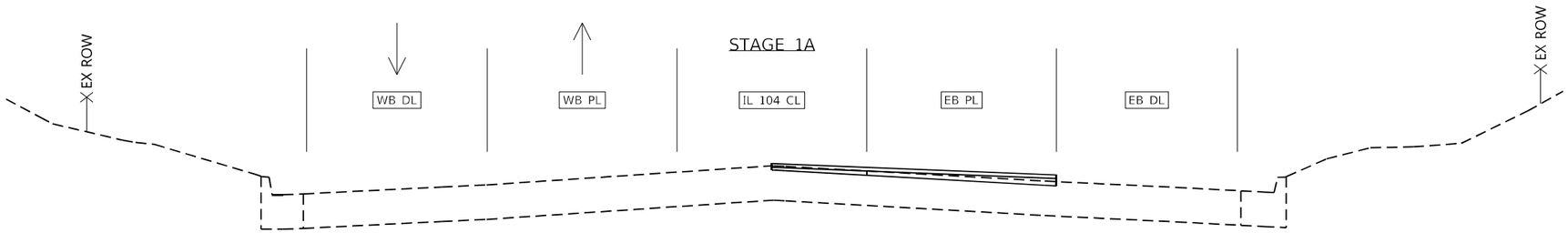
STAGE 1:
HMA SURFACE REMOVAL 1½" FROM CL THROUGH THE EB PL.
VARIABLE DEPTH BINDER 1" (IL 19.0, N50) DEPTH AT THE PL/TL JOINT AND POUR AT A 2% SLOPE THROUGH THE EB PL.
(NIGHTTIME LANE CLOSURES)

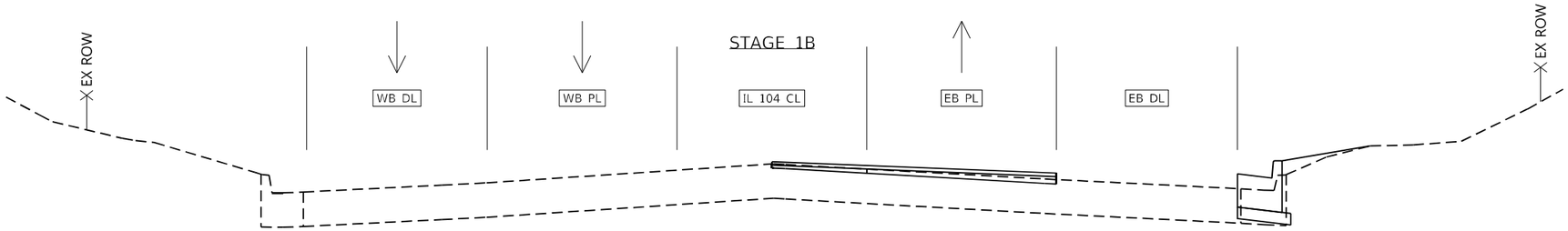
STAGE 1A:
VARIABLE DEPTH BINDER 2.25" (IL 19.0, N50) AT THE CL AND POUR AT A 2% SLOPE THROUGH THE EB PL.
(NIGHTTIME LANE CLOSURES)

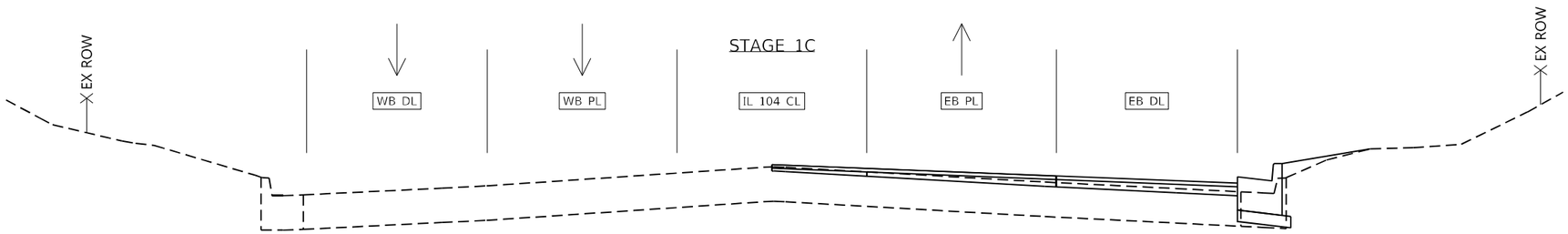
STAGE 1B:
REMOVE AND REPLACE CC&G B6.24, CONSTRUCT CONCRETE ENTRANCES, AND SIDEWALK ALONG THE EB DIRECTION.
(24 HOUR/DAY LANE CLOSURE)

STAGE 1C:
HMA SURFACE REMOVAL 1 ½" FROM THE EDGE OF THE EB PL THROUGH THE EB DL.
VARIABLE DEPTH BINDER 1" (IL 19.0, N50) DEPTH AT THE PL/DL JOINT AND POUR AT A 2% SLOPE THROUGH THE EB DL.
VARIABLE DEPTH BINDER 2.25" (IL 19.0, N50) AT THE PL/DL JOINT AND POUR AT A 2% SLOPE THROUGH THE EB DL.
(24 HOUR/DAY LANE CLOSURE)









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616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
RAISED PROFILE SEQUENCE OF CONSTRUCTION

SCALE: NONE | SHEET 1 OF 3 SHEETS | STA. 89+25.00 | TO STA. 108+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	28
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

STAGE CONSTRUCTION SEQUENCE

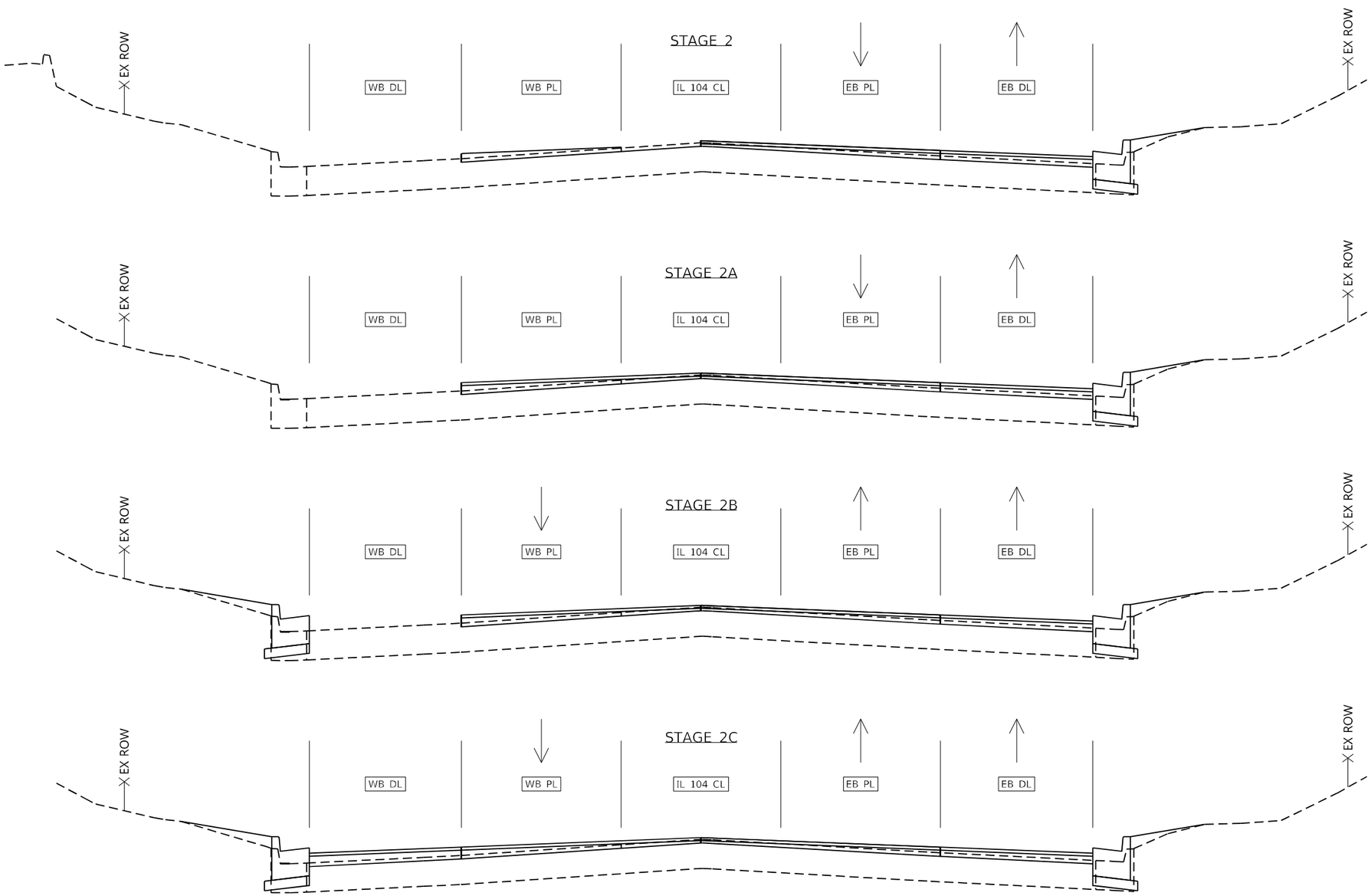
THE FOLLOWING STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

STAGE 2:
HMA SURFACE REMOVAL 1½" FROM CL THROUGH THE WB PL.
VARIABLE DEPTH BINDER 1" (IL 19.0, N50) DEPTH AT THE PL/TL JOINT AND POUR AT A 2% SLOPE THROUGH THE WB PL.
(NIGHTTIME LANE CLOSURES)

STAGE 2A:
VARIABLE DEPTH BINDER 2.25" (IL 19.0, N50) AT THE CL AND POUR AT A 2% SLOPE THROUGH THE WB PL.
(NIGHTTIME LANE CLOSURES)

STAGE 2B:
REMOVE AND REPLACE CC&G B6.24, CONSTRUCT CONCRETE ENTRANCES, AND SIDEWALK ALONG THE WB DIRECTION.
(24 HOUR/DAY LANE CLOSURE)

STAGE 2C:
HMA SURFACE REMOVAL 1 ½" FROM THE EDGE OF THE EB PL THROUGH THE WB DL.
VARIABLE DEPTH BINDER 1" (IL 19.0, N50) DEPTH AT THE PL/DL JOINT AND POUR AT A 2% SLOPE THROUGH THE WB DL.
VARIABLE DEPTH BINDER 2.25" (IL 19.0, N50) AT THE PL/DL JOINT AND POUR AT A 2% SLOPE THROUGH THE WB DL.
(24 HOUR/DAY LANE CLOSURE)



MODEL: Default
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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
RAISED PROFILE SEQUENCE OF CONSTRUCTION

SCALE: NONE | SHEET 2 OF 3 SHEETS | STA. 89+25.00 | TO STA. 108+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	29
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

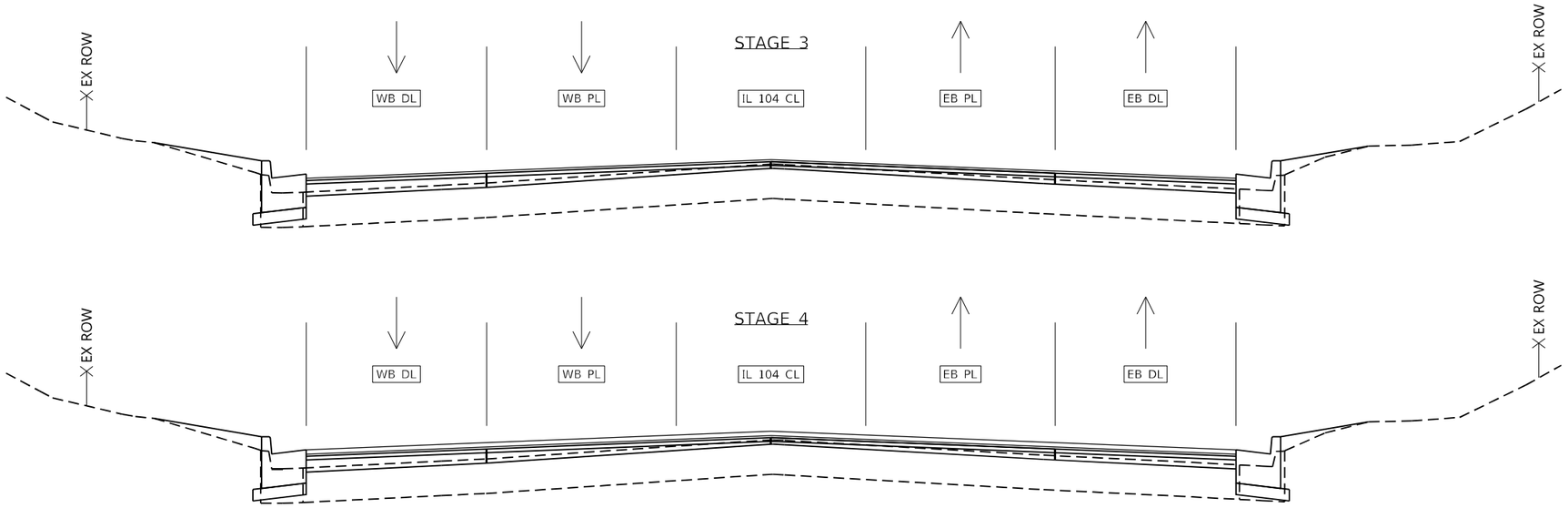
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

STAGE CONSTRUCTION SEQUENCE

THE FOLLOWING STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

STAGE 3:
HMA BINDER ¾" (IL 4.75, N50) ALL LANES.
(NIGHTTIME LANE CLOSURES)

STAGE 4:
SMA SURFACE 1½" (SMA 9.5, N50) ALL LANES.
(NIGHTTIME LANE CLOSURES)



MODEL: Default
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

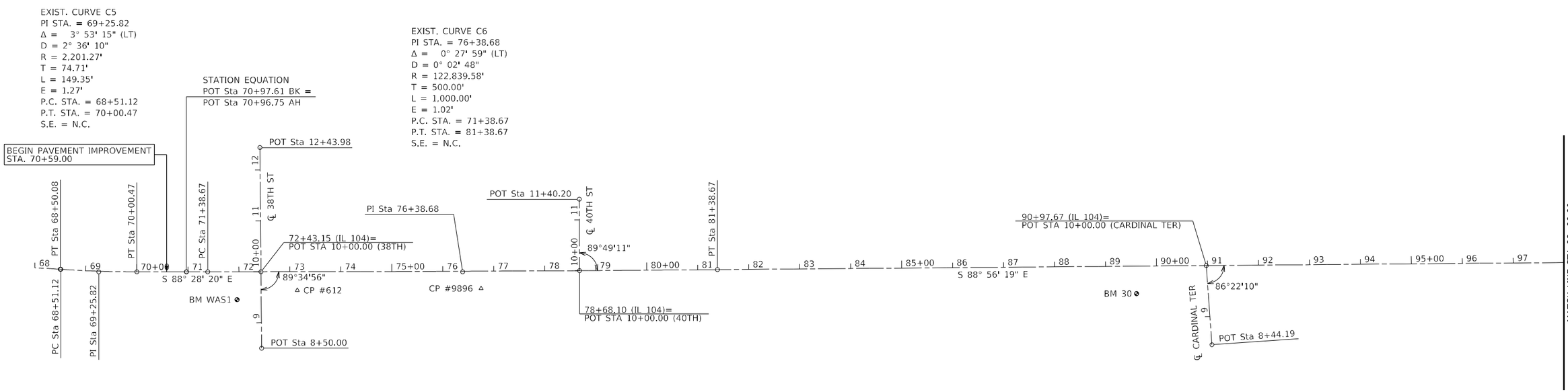
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
RAISED PROFILE SEQUENCE OF CONSTRUCTION

SCALE: NONE | SHEET 3 OF 3 SHEETS | STA. 89+25.00 | TO STA. 108+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	30
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
PT	68+50.08	1,192,467.9429	1,963,058.6839
PC	68+51.12	1,192,467.8455	1,963,059.7114
PI	69+25.82	1,192,460.7955	1,963,134.0831
PT	70+00.47	1,192,458.8038	1,963,208.7617
POT STA. EQ	70+97.61 BK =	1,192,456.2138	1,963,305.8723
	70+96.75 AH	1,192,456.2138	1,963,305.8723
PC	71+38.67	1,192,455.0961	1,963,347.7801
POC	72+43.15	1,192,452.3550	1,963,452.2262
PI	76+38.68	1,192,441.7657	1,963,847.6052
POC	78+68.10	1,192,437.8142	1,964,076.9984
PT	81+38.67	1,192,432.5046	1,964,347.5223
POT	90+97.67	1,192,414.7419	1,965,306.3594

ALIGNMENT COORDINATES - 38TH ST			
POINT	STATION	N	E
POT	8+50.00	1,192,302.3807	1,963,449.4482
POT	10+00.00	1,192,452.3550	1,963,452.2262
POT	12+43.98	1,192,696.2966	1,963,456.7448

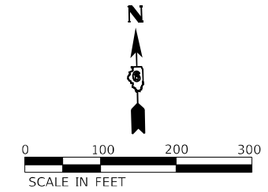
ALIGNMENT COORDINATES - 40TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,437.8142	1,964,076.9984
POT	11+40.20	1,192,577.9757	1,964,080.3451

ALIGNMENT COORDINATES - CARDINAL TER			
POINT	STATION	N	E
POT	8+44.19	1,192,259.0900	1,965,313.3437
POT	10+00.00	1,192,414.7419	1,965,306.3594

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM WAS1	681.293	CHSLD "□" MAST ARM FOUNDATION SW QUAD BROADWAY & 38TH STREET. STA. 71+96.2 54.7' RT
BM 30	660.780	CHSLD "□" SE CORNER HDWL CULVERT S SIDE BROADWAY APPROXIMATELY 140' W OF CARDINAL TER STA. 89+60.54 53.8' RT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #612	1,192,414.1040	1,963,522.5360	#4 REBAR WITH CAP BURIED 3". STA 73+14.41, 36.4' RT
CP #9896	1,192,408.0320	1,963,883.0010	#4 REBAR WITH CAP BURIED 3". STA 76+74.81, 33.9' RT

RESETTING SURVEY MARKERS - IL 104						
CORNER	EXISTING MONUMENT	STATION	OFFSET	N	E	ALIGNMENT
N 1/4 COR. SEC. 5, T.2S., R.8W., 4TH P.M. ADAMS CO.	5/8" REBAR W. CAP	88+37.59	39.12 LT	1192458.674	1965047.041	E003
S 1/4 COR. SEC. 32, T.1S., R.8W., 4TH P.M. ADAMS CO.	CHSLD 'X'	88+49.42	39.43 LT	1192458.759	1965058.878	E003



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616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

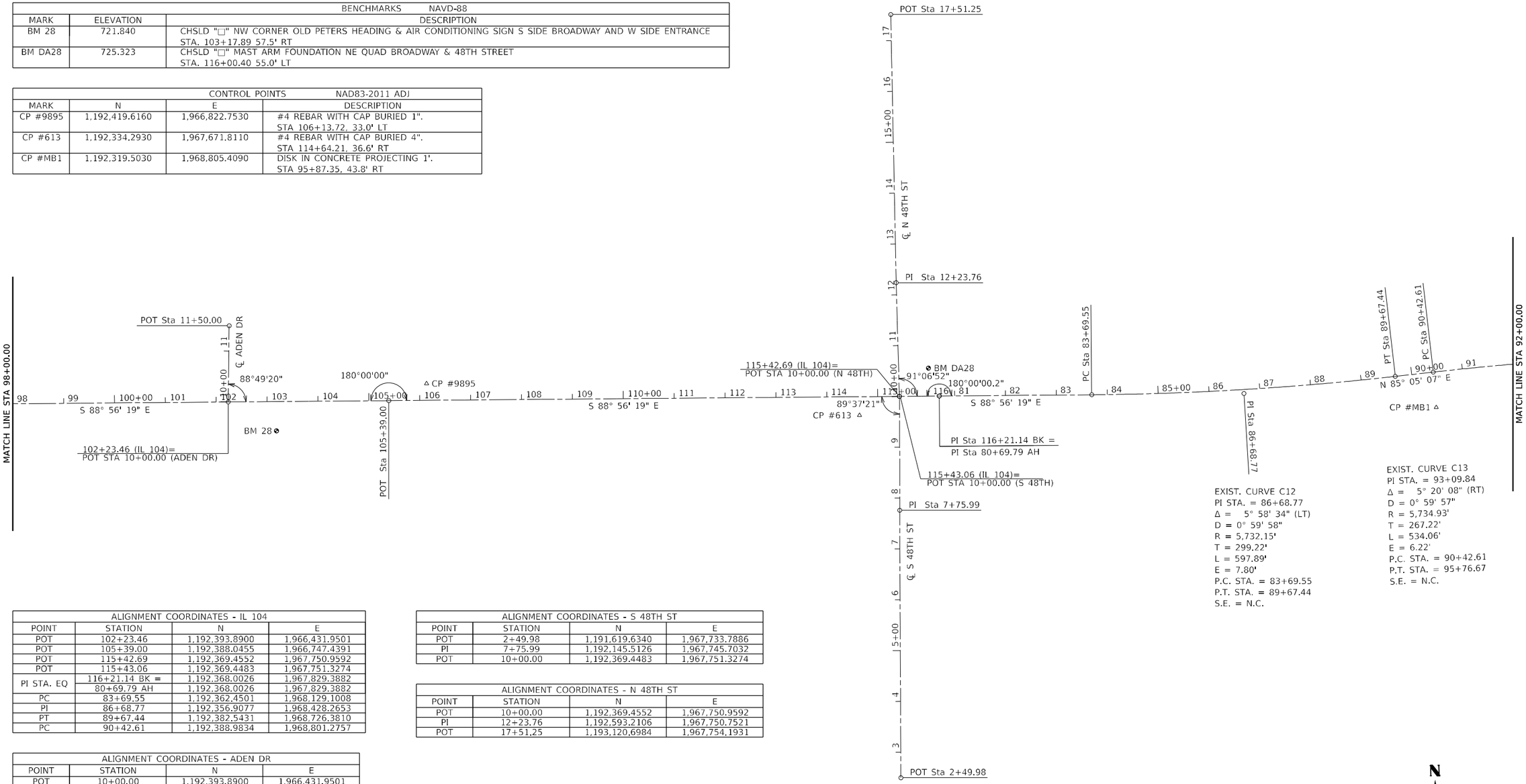
SCALE: 1"=100' | SHEET 1 OF 4 SHEETS | STA. 68+00.00 | TO STA. 98+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	31
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM 28	721.840	CHSLD "□" NW CORNER OLD PETERS HEADING & AIR CONDITIONING SIGN S SIDE BROADWAY AND W SIDE ENTRANCE STA. 103+17.89 57.5' RT
BM DA28	725.323	CHSLD "□" MAST ARM FOUNDATION NE QUAD BROADWAY & 48TH STREET STA. 116+00.40 55.0' LT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #9895	1,192,419.6160	1,966,822.7530	#4 REBAR WITH CAP BURIED 1". STA 106+13.72, 33.0' LT
CP #613	1,192,334.2930	1,967,671.8110	#4 REBAR WITH CAP BURIED 4". STA 114+64.21, 36.6' RT
CP #MB1	1,192,319.5030	1,968,805.4090	DISK IN CONCRETE PROJECTING 1'. STA 95+87.35, 43.8' RT



ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
POT	102+23.46	1,192,393.8900	1,966,431.9501
POT	105+39.00	1,192,388.0455	1,966,747.4391
POT	115+42.69	1,192,369.4552	1,967,750.9592
POT	115+43.06	1,192,369.4483	1,967,751.3274
PI STA. EQ	116+21.14 BK =	1,192,368.0026	1,967,829.3882
	80+69.79 AH	1,192,368.0026	1,967,829.3882
PC	83+69.55	1,192,362.4501	1,968,129.1008
PI	86+68.77	1,192,356.9077	1,968,428.2653
PT	89+67.44	1,192,382.5431	1,968,726.3810
PC	90+42.61	1,192,388.9834	1,968,801.2757

ALIGNMENT COORDINATES - S 48TH ST			
POINT	STATION	N	E
POT	2+49.98	1,191,619.6340	1,967,733.7886
PI	7+75.99	1,192,145.5126	1,967,745.7032
POT	10+00.00	1,192,369.4483	1,967,751.3274

ALIGNMENT COORDINATES - N 48TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,369.4552	1,967,750.9592
PI	12+23.76	1,192,593.2106	1,967,750.7521
POT	17+51.25	1,193,120.6984	1,967,754.1931

ALIGNMENT COORDINATES - ADEN DR			
POINT	STATION	N	E
POT	10+00.00	1,192,393.8900	1,966,431.9501
POT	11+50.00	1,192,543.7755	1,966,437.8108

RESETTING SURVEY MARKERS - IL 104						
CORNER	EXISTING MONUMENT	STATION	OFFSET	N	E	ALIGNMENT
SW COR. SEC. 33, T.1S., R.8W., 4TH P.M. ADAMS CO.	3" ALUM. DISK	115+06.53	39.95 LT	1192410.069	1967715.539	E003
NW COR. SEC. 4, T.2S., R.8W., 4TH P.M. ADAMS CO.	ALUM. CAP	115+26.22	39.97 LT	1192409.725	1967735.227	E003

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 2 OF 4 SHEETS | STA. 98+00.00 | TO STA. 92+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	32
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM BDWY 1	733.879	CHSLD "□" MAST ARM FOUNDATION SW QUAD BROADWAY & 52ND STREET STA. 94+59.67 65.5' RT
BM 25	733.869	CHSLD "□" SE CORNER TRAFFIC SIGNAL HANDHOLE FOUNDATION ON ISLAND SW QUAD BROADWAY & 54TH STREET STA. 106+09.54 43.0' RT
BM DA29	734.422	CHSLD "□" N SIDE TRAFFIC SIGNAL FOUNDATION NEAR CENTERLINE MEDIAN BROADWAY APPROXIMATELY 100' W OF W RAMPS TO I-172 STA. 111+58.90 0.4' LT
BM 100	735.061	CHSLD "□" W END NW APPROACH WALL WEST BOUND LANE BRIDGE OVER I-172 STA. 118+41.39 45.6' LT
BM DA30	733.589	CHSLD "□" E END SE APPROACH WALL EAST BOUND LANE BRIDGE OVER I-172 STA. 121+20.2 44.8' RT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #614	1,192,366.0720	1,969,345.0140	#4 REBAR WITH CAP BURIED 4". STA 95+87.35, 43.8' RT

EXIST. CURVE C13
PI STA. = 93+09.84
Δ = 5° 20' 08" (RT)
D = 0° 59' 57"
R = 5,734.93'
T = 267.22'
L = 534.06'
E = 6.22'
P.C. STA. = 90+42.61
P.T. STA. = 95+76.67
S.E. = N.C.

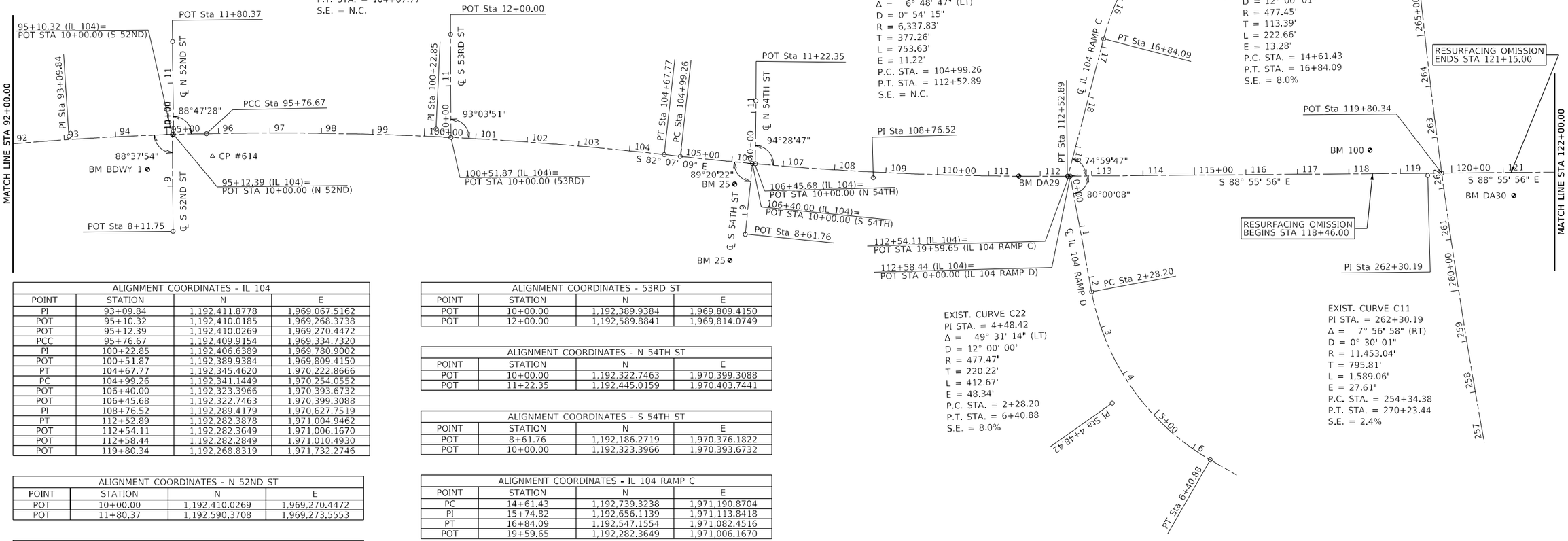
EXIST. CURVE C14
PI STA. = 100+22.85
Δ = 7° 27' 36" (RT)
D = 0° 50' 14"
R = 6,843.98'
T = 446.18'
L = 891.10'
E = 14.53'
P.C. STA. = 95+76.67
P.T. STA. = 104+67.77
S.E. = N.C.

EXIST. CURVE C15
PI STA. = 108+76.52
Δ = 6° 48' 47" (LT)
D = 0° 54' 15"
R = 6,337.83'
T = 377.26'
L = 753.63'
E = 11.22'
P.C. STA. = 104+99.26
P.T. STA. = 112+52.89
S.E. = N.C.

EXIST. CURVE C21
PI STA. = 15+74.82
Δ = 26° 43' 10" (LT)
D = 12° 00' 01"
R = 477.45'
T = 113.39'
L = 222.66'
E = 13.28'
P.C. STA. = 14+61.43
P.T. STA. = 16+84.09
S.E. = 8.0%

EXIST. CURVE C22
PI STA. = 4+48.42
Δ = 49° 31' 14" (LT)
D = 12° 00' 00"
R = 477.47'
T = 220.22'
L = 412.67'
E = 48.34'
P.C. STA. = 2+28.20
P.T. STA. = 6+40.88
S.E. = 8.0%

EXIST. CURVE C11
PI STA. = 262+30.19
Δ = 7° 56' 58" (RT)
D = 0° 30' 01"
R = 11,453.04'
T = 795.81'
L = 1,589.06'
E = 27.61'
P.C. STA. = 254+34.38
P.T. STA. = 270+23.44
S.E. = 2.4%



ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
PI	93+09.84	1,192,411.8778	1,969,067.5162
POT	95+10.32	1,192,410.0185	1,969,268.3738
POT	95+12.39	1,192,410.0269	1,969,270.4472
PCC	95+76.67	1,192,409.9154	1,969,334.7320
PI	100+22.85	1,192,406.6389	1,969,780.9002
POT	100+51.87	1,192,389.9384	1,969,809.4150
PT	104+67.77	1,192,345.4620	1,970,222.8666
PC	104+99.26	1,192,341.1449	1,970,254.0552
POT	106+40.00	1,192,323.3966	1,970,393.6732
POT	106+45.68	1,192,322.7463	1,970,399.3088
PI	108+76.52	1,192,289.4179	1,970,627.7519
PT	112+52.89	1,192,282.3878	1,971,004.9462
POT	112+54.11	1,192,282.3649	1,971,006.1670
POT	112+58.44	1,192,282.2849	1,971,010.4930
POT	119+80.34	1,192,268.8319	1,971,732.2746

ALIGNMENT COORDINATES - N 52ND ST			
POINT	STATION	N	E
POT	10+00.00	1,192,410.0269	1,969,270.4472
POT	11+80.37	1,192,590.3708	1,969,273.5553

ALIGNMENT COORDINATES - S 52ND ST			
POINT	STATION	N	E
POT	8+11.75	1,192,221.8058	1,969,264.6743
POT	10+00.00	1,192,410.0185	1,969,268.3738

ALIGNMENT COORDINATES - 53RD ST			
POINT	STATION	N	E
POT	10+00.00	1,192,389.9384	1,969,809.4150
POT	12+00.00	1,192,589.8841	1,969,814.0749

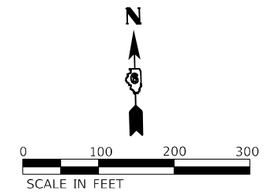
ALIGNMENT COORDINATES - N 54TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,322.7463	1,970,399.3088
POT	11+22.35	1,192,445.0159	1,970,403.7441

ALIGNMENT COORDINATES - S 54TH ST			
POINT	STATION	N	E
POT	8+61.76	1,192,186.2719	1,970,376.1822
POT	10+00.00	1,192,323.3966	1,970,393.6732

ALIGNMENT COORDINATES - IL 104 RAMP C			
POINT	STATION	N	E
PC	14+61.43	1,192,739.3238	1,971,190.8704
PI	15+74.82	1,192,656.1139	1,971,113.8418
PT	16+84.09	1,192,547.1554	1,971,082.4516
POT	19+59.65	1,192,282.3649	1,971,006.1670

ALIGNMENT COORDINATES - IL 104 RAMP D			
POINT	STATION	N	E
POT	0+00.00	1,192,282.2849	1,971,010.4930
PC	2+28.20	1,192,056.8465	1,971,045.9167
PI	4+48.42	1,191,839.2959	1,971,080.1010
PT	6+40.88	1,191,724.0693	1,971,267.7700

RESETTING SURVEY MARKERS - IL 104						
CORNER	EXISTING MONUMENT	STATION	OFFSET	N	E	ALIGNMENT
S 1/4 COR. SEC. 33, T.1S., R.8W., 4TH P.M. ADAMS CO.	3" ALUM. DISK	106+37.48	36.80 LT	1192360.245	1970395.418	IL 104
N 1/4 COR. SEC. 4, T.2S., R.8W., 4TH P.M. ADAMS CO.	DRILL HOLE - LOCATION APPROX.	106+08.95	34.70 LT	1192361.500	1970367.000	IL 104



MODEL: Default
FILE NAME: P:\Quincy\22Nes\220148\Work Order 10 - Broadway\18.Transportation\CADD Sheets\0672295-sht-ATR 03.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

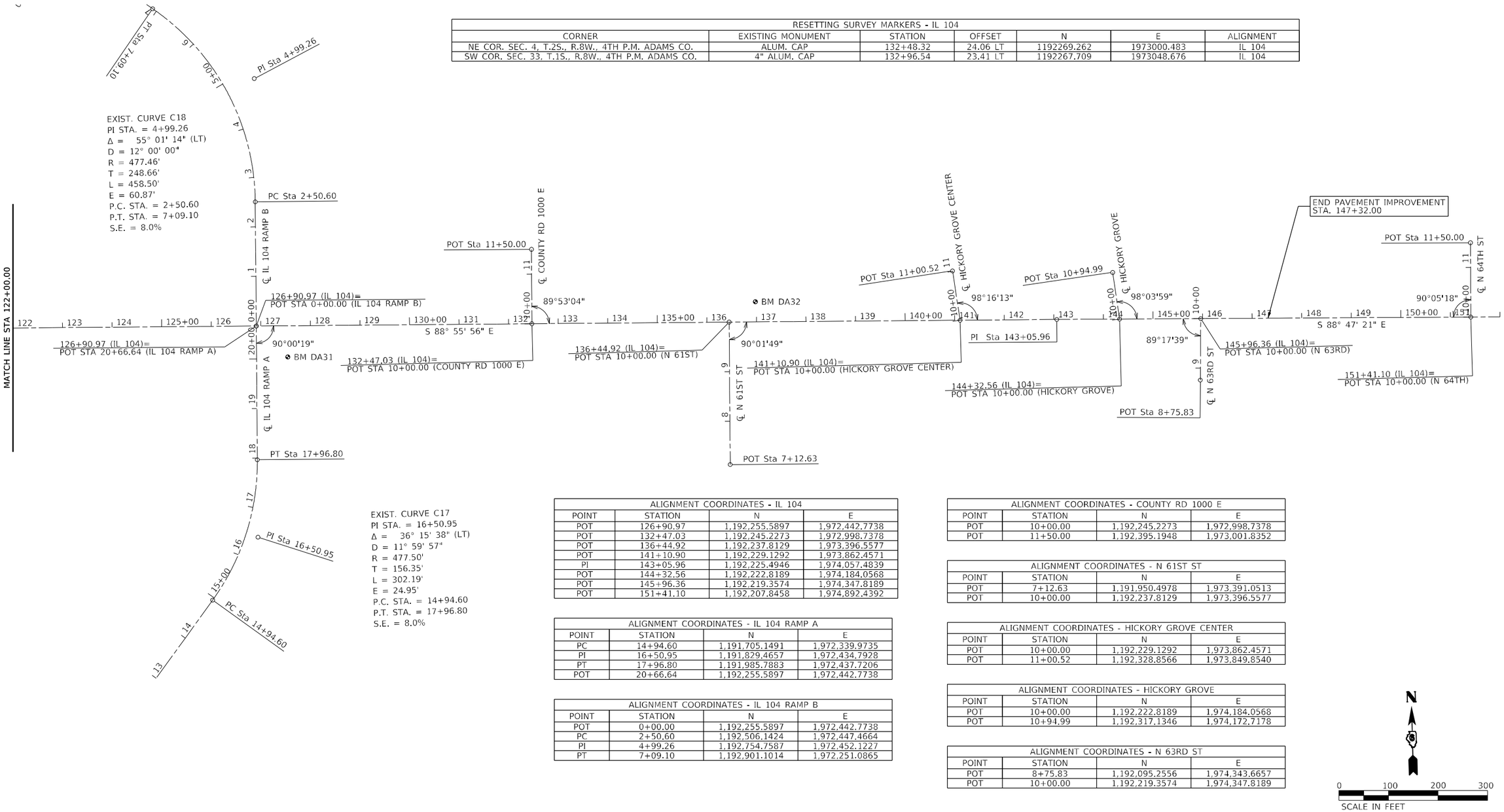
SCALE: 1"=100' | SHEET 3 OF 4 SHEETS | STA. 92+00.00 | TO STA. 122+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	33
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM DA31	728.668	CHSLD "□" MAST ARM FOUNDATION NE QUAD BROADWAY & E RAMPS TO I-172 STA. 127+54.30 63.1' RT
BM DA32	721.882	CHSLD "□" MAST ARM FOUNDATION NE QUAD BROADWAY & PRAIRIE CROSSING STA. 136+98.20 40.7' LT

RESETTING SURVEY MARKERS - IL 104						
CORNER	EXISTING MONUMENT	STATION	OFFSET	N	E	ALIGNMENT
NE COR. SEC. 4, T.2S., R.8W., 4TH P.M. ADAMS CO.	ALUM. CAP	132+48.32	24.06 LT	1192269.262	1973000.483	IL 104
SW COR. SEC. 33, T.1S., R.8W., 4TH P.M. ADAMS CO.	4" ALUM. CAP	132+96.54	23.41 LT	1192267.709	1973048.676	IL 104



EXIST. CURVE C17
PI STA. = 16+50.95
Δ = 36° 15' 38" (LT)
D = 11° 59' 57"
R = 477.50'
T = 156.35'
L = 302.19'
E = 24.95'
P.C. STA. = 14+94.60
P.T. STA. = 17+96.80
S.E. = 8.0%

ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
POT	126+90.97	1,192,255.5897	1,972,442.7738
POT	132+47.03	1,192,245.2273	1,972,998.7378
POT	136+44.92	1,192,237.8129	1,973,396.5577
POT	141+10.90	1,192,229.1292	1,973,862.4571
PI	143+05.96	1,192,225.4946	1,974,057.4839
POT	144+32.56	1,192,222.8189	1,974,184.0568
POT	145+96.36	1,192,219.3574	1,974,347.8189
POT	151+41.10	1,192,207.8458	1,974,892.4392

ALIGNMENT COORDINATES - IL 104 RAMP A			
POINT	STATION	N	E
PC	14+94.60	1,191,705.1491	1,972,339.9735
PI	16+50.95	1,191,829.4657	1,972,434.7928
PT	17+96.80	1,191,985.7883	1,972,437.7206
POT	20+66.64	1,192,255.5897	1,972,442.7738

ALIGNMENT COORDINATES - IL 104 RAMP B			
POINT	STATION	N	E
POT	0+00.00	1,192,255.5897	1,972,442.7738
PC	2+50.60	1,192,506.1424	1,972,447.4664
PI	4+99.26	1,192,754.7587	1,972,452.1227
PT	7+09.10	1,192,901.1014	1,972,251.0865

ALIGNMENT COORDINATES - COUNTY RD 1000 E			
POINT	STATION	N	E
POT	10+00.00	1,192,245.2273	1,972,998.7378
POT	11+50.00	1,192,395.1948	1,973,001.8352

ALIGNMENT COORDINATES - N 61ST ST			
POINT	STATION	N	E
POT	7+12.63	1,191,950.4978	1,973,391.0513
POT	10+00.00	1,192,237.8129	1,973,396.5577

ALIGNMENT COORDINATES - HICKORY GROVE CENTER			
POINT	STATION	N	E
POT	10+00.00	1,192,229.1292	1,973,862.4571
POT	11+00.52	1,192,328.8566	1,973,849.8540

ALIGNMENT COORDINATES - HICKORY GROVE			
POINT	STATION	N	E
POT	10+00.00	1,192,222.8189	1,974,184.0568
POT	10+94.99	1,192,317.1346	1,974,172.7178

ALIGNMENT COORDINATES - N 63RD ST			
POINT	STATION	N	E
POT	8+75.83	1,192,095.2556	1,974,343.6657
POT	10+00.00	1,192,219.3574	1,974,347.8189

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FILE NAME: P:\Quincy22\files\22I146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D672295-plh-ATB_04.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 4 OF 4 SHEETS | STA. 122+00.00 | TO STA. 152+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	34
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

AFP4 HOLDINGS, LLC
23-6-1584-000-00

CTM HOLDINGS, LLC
23-6-1585-001-00

DURYEA REALTY, LLC
23-6-1586-016-00

PINNACLE INVESTMENTS, LLC
23-6-1586-015-00

NEAL COLEMAN
23-6-1586-005-00

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

EXIST. CURVE C6
PI STA. = 76+38.68
Δ = 0° 27' 59" (LT)
D = 0° 02' 48"
R = 122,839.58'
T = 500.00'
L = 1,000.00'
E = 1.02'
P.C. STA. = 71+38.67
P.T. STA. = 81+38.67
S.E. = N.C.

℄ 38TH ST

℄ IL 104

LIMITS OF CONSTRUCTION

EX ROW

WV ADJ

MH ADJ

INLET ADJ

36" RCP

15" RCP

12" RCP

8" PVC

12" PVC

CONC

AGG

CE HMA

B-6.24

PCC PAVEMENT 12"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

BEGIN IMPROVEMENT
STA 70+59.00

PC Sta 71+38.67

STATION EQUATION
POT Sta 70+97.61 BK=
POT Sta 70+96.75 AH

STA 72+43.15 (IL 104)
POT STA 10+00.00 (38TH ST)

70+00 | 71 | 72 | 10+00 | 73 | 74 | 75+00

MATCH LINE STA 76+00.00

EXISTING JOINT

EXISTING GUYWIRE
REL BY OTHERS

+45.0 | 2.5' | +80.0 | +15.0 | +59.0 690.76 | +65.0

IRRIGATION VALVE BOX

9+33.7

PCC SIDEWALK 4"

BOULDER

HMA

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

10"/12" UNDERDRAIN

N

0 20 40 60
SCALE IN FEET

QUINCY KING DEVELOPEMENT CO
23-7-0688-014-00

QUINCY KING DEVELOPEMENT CO
23-7-0688-015-00

WOLFMEYER, SUE E, TRUSTEE
23-7-0688-001-00

PROFILE

MILL 2¼"
OVERLAY 2¼"

BEGIN IMPROVEMENT
STA 70+59.00

695	690	685	680	675	670

70+00	70+50	71+00	71+50	72+00	72+50	73+00	73+50	74+00	74+50	75+00	75+50	76+00
674.25	675.05	675.84	676.73 / 676.73	677.65 / 677.65	678.51 / 678.51	679.38 / 679.38	680.25 / 680.25	681.10 / 681.10	681.96 / 681.96	682.88 / 682.88	683.72 / 683.72	684.56 / 684.56	685.46 / 685.46	686.31 / 686.31	687.12 / 687.12	687.87 / 687.87	688.51 / 688.51	689.09 / 689.09	689.63 / 689.63	690.09 / 690.09	690.50 / 690.50	690.82 / 690.82	691.08 / 691.08	691.28 / 691.28

SURVEYED	DATE
PLOTTED	
DRAWN	BY
PLOT CHECKED	
R.O. WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

PLAN

PROFILE

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 1 OF 19 SHEETS | STA. 70+00.00 | TO STA. 76+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	35
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

EXIST. CURVE C6
PI STA. = 76+38.68
Δ = 0° 27' 59" (LT)
D = 0° 02' 48"
R = 122,839.58'
T = 500.00'
L = 1,000.00'
E = 1.02'
P.C. STA. = 71+38.67
P.T. STA. = 81+38.67
S.E. = N.C.

NEAL COLEMAN
23-6-1586-005-00

DOYLE EQUIPEMENT MFG CO
23-6-1586-008-00

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

CONC
HMA
EX ROW
CE CONC
12" VCP
8" VCP
℄ 40TH ST
15" RCP
PT Sta 81+38.67
MATCH LINE STA 76+00.00
MATCH LINE STA 82+00.00
76
77
78
79
10+00
80+00
℄ IL 104
81
PI Sta 76+38.68
STA 78+68.10 (IL 104)
POT STA 10+00.00 (40TH ST)
+59.6
+75.0
12" RCP
INLET
ADJ
PCC SIDEWALK 4"
8" CLAY
AGG
4" PVC
MH
EXISTING POWER POLE
REL BY OTHERS
LIMITS OF CONSTRUCTION

SUE E WOLFMEYER TRUSTEE
23-7-0688-001-00

CHARLES & KATHIE MARX TRUST
23-7-0688-024-00

CHARLES & KATHIE MARX TRUST
23-7-0688-023-00

FIP MASTER FUNDING XXIV, LLC
FUNDAMENTAL INCOME PROPERTIES, LLC
23-7-0778-000-00

CHARLES & KATHIE MARX TRUST
23-7-0688-028-00

N

0 20 40 60
SCALE IN FEET

MILL 2¼"
OVERLAY 2¼"

695	690	685	680	675	670
691.28	691.38	691.45	691.41	691.26	691.01
691.28	691.38	691.45	691.41	691.26	691.01

690.76	690.42	689.99	689.47	688.91	688.34	687.69	686.91	686.06	685.14	684.16	683.17	682.10	680.99	679.92	678.84	677.73	676.64	675.54
690.76	690.42	689.99	689.47	688.91	688.34	687.69	686.91	686.06	685.14	684.16	683.17	682.10	680.99	679.92	678.84	677.73	676.64	675.54

76+00 76+50 77+00 77+50 78+00 78+50 79+00 79+50 80+00 80+50 81+00 81+50 82+00

PLAN
SURVEYED
PLOTTED
CHECKED (CHECKED)
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED (CHECKED)
NOTE BOOK
NO.
BY
DATE

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.2670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 2 OF 19 SHEETS | STA. 76+00.00 | TO STA. 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	36
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

DOYLE EQUIPEMENT MFG CO
23-6-1586-008-00

MONTY DOYLE
23-6-1586-018-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

RANDALL FIERGE, TR
23-6-1586-006-00

EX ROW

HMA

EX ROW

HMA

AGG

CE CONC

CE HMA

CE CONC

15" RCP

36" RCP

42" RCP

HMA

42" RCP

42" RCP

CONC

CE CONC

42"

MATCH LINE STA 82+00.00

82

83

84

℄ IL 104

85+00

86

87

MATCH LINE STA 88+00.00

EXISTING POWER POLE
REL BY OTHERS

3'

+21.0

12" RCP

12" RCP

CLEAN EXISTING INLET

CONC

CE CONC

CONC

CONC

CE CONC

CONC

FH

EX ROW

EX ROW

LIMITS OF CONSTRUCTION

IRRIGATION VALVE BOX

CONC

CONC

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

O'REILLY AUTO ENTERPRISIES, LLC
23-7-0688-026-00

SSP HOSPITALITY, LLC
23-7-0688-010-00

R2R3, LLC
23-7-0688-027-00

N

0 20 40 60
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
ROAD (CHECKED)
NOTE BOOK
NO.
R.O.W. (CHECKED)
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
ROAD (CHECKED)
NOTE BOOK
NO.
R.O.W. (CHECKED)
CADD FILE NAME: STRUCTURE NOTATIONS CHKD
BY
DATE

680
675
670
665
660
655

MILL 2¼"
OVERLAY 2¼"

675.54	674.47	673.46	672.45	671.52	670.66	669.78	668.93	668.24	667.60	666.98	666.40	665.83	665.34	664.92	664.56	664.21	663.90	663.60	663.43	663.33	663.22	663.15	663.17	663.24
675.54	674.47	673.46	672.45	671.52	670.66	669.78	668.93	668.24	667.60	666.98	666.40	665.83	665.34	664.92	664.56	664.21	663.90	663.60	663.43	663.33	663.22	663.15	663.17	663.24

82+00 82+50 83+00 83+50 84+00 84+50 85+00 85+50 86+00 86+50 87+00 87+50 88+00

MODEL: Default
FILE NAME: P:\Quincy\22Illes\220146\Work Order 10 - Broadway\18-Transportation\CADD Sheets\D672295-sht-plop-f_03.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 12/23/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 3 OF 19 SHEETS | STA. 82+00.00 | TO STA. 88+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	37
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

RANDALL FIERGE, TR
23-6-1586-006-00

CENTRAL ILLINOIS PUBLIC SERVICE COMPANY
23-7-0681-000-00

RANDALL FIERGE, TR
23-7-0686-003-00

R.E.D. ACCOUNT, LLC
23-6-1586-013-00

4303 BROADWAY, LLC
23-7-0686-001-00

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

PR HMA SURF REM (1½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
HMA BC, IL-19.0, N50, 2¼" & VARIES

MATCH LINE STA 88+00.00

MATCH LINE STA 94+00.00

PCC DRIVEWAY PAVEMENT, 8"

STA 90+97.67 (IL 104)
POT STA 10+00.00 (CARDINAL TERR)

℄ IL 104

REMOVE AND RELOCATE SIGN PANEL

PCC SIDEWALK 4"

INLET TO BE RECONSTRUCTED

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

AWJB, LLC
23-7-0774-000-00

SSP HOSPITALITY, LLC
23-7-0688-010-00

EXISTING POWER POLE
REL BY OTHERS

LIBERTY BANK
23-7-0774-001-00

CARDINAL TER
PCC PAVEMENT 12"
SUBBASE GRANULAR MATERIAL, TYPE B 4"
(SEE CITY STREET PROFILE SHEET)

CENTRAL ILLINOIS PUBLIC SERVICE COMPANY
23-7-0688-008-00

SCALE IN FEET
0 20 40 60

120' TRANSITION
(SEE DETAIL)

BEGIN PAVEMENT TRANSITION
VPI STA 89+25.00
ELEV = 664.30

END PAVEMENT TRANSITION
VPI STA 90+45.00
ELEV = 666.86

MILL 2¼"
OVERLAY 2¼"

MILL 1½"
OVERLAY 4½"

88+00	88+50	89+00	89+50	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00
663.24	663.39	663.57	663.76	664.02	664.30	664.63	665.06	665.55	666.11	666.74	667.36	668.04	668.76	669.47	670.25	671.15	672.06	672.99	673.96	675.03	676.20	677.36	678.51	679.66
663.24	663.39	663.57	663.76	664.02	664.30	664.83	665.37	665.90	666.43	666.99	667.61	668.29	669.01	669.72	670.50	671.40	672.31	673.24	674.21	675.28	676.45	677.61	678.76	679.91

680 675 670 665 660 655

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.2670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 4 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	38
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

PLAN — SURVEYED / PLOTTED / DRAWING CHECKED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / DRAWING CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK / NO. / BY / DATE

MODEL: Default
FILE NAME: P:\Quincy\22files\220146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D6722295-sht-gdsp1_04.dgn

4303 BROADWAY, LLC
23-7-0686-001-00

STEVEN BLOMGREN
23-7-0686-006-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

JOHN GRIFFARD
23-7-0686-007-00

SCG HOTEL INVESTORS REIT 7, LLC
23-7-0686-035-00

PR HMA SURF REM (1½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
HMA BC, IL-19.0, N50, 2¼" & VARIES

LIMITS OF CONSTRUCTION

EX ROW

STA 96+80.5
8" PCC ENT.
W=26'

CONC

HMA

STA 97+52.5
8" PCC ENT.
W=28.5'

12" PVC

LIMITS OF CONSTRUCTION

EX ROW

HMA

STA 99+26.2
8" PCC ENT.
W=35'

R=15.0'

CE CONC

R=15.0'

R=10.0'

CE HMA

R=10.0'

AGG

AGG

R=10.0'

CE HMA

R=10.0'

INLET
ADJ

12" RCP

B-6.24

MH
ADJ

PCC SIDEWALK 4"

2'

MATCH LINE STA 94+00.00

94

95+00

96

97

98

℄ IL 104

99

MATCH LINE STA 100+00.00

INLET TO BE RECONSTRUCTED

PCC SIDEWALK 4"

2'

24" RCP

B-6.24

AB 12" VCP

12" VCP

EX ROW

EX ROW

CONC

CONC

CE CONC

FH

FH

LIMITS OF CONSTRUCTION

CE CONC

12" CPP

AGG

AGG

8" PVC

HMA

HMA

LIMITS OF CONSTRUCTION

(FOR INFORMATION ONLY)

STA 99+27.58
8" PCC ENT.
W=38.0

STA 94+93.72
8" PCC ENT.
W=34.5

(FOR INFORMATION ONLY)

STA 96+90.15
8" PCC ENT.
W=23.0

(FOR INFORMATION ONLY)

AWJB, LLC
23-7-0774-000-00

L J S A PROPERTIES, LLC
23-7-0775-003-00

N

0 20 40 60
SCALE IN FEET

MILL 1½"
OVERLAY 4½"

94+00	94+50	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00
679.66 / 679.91	680.80 / 681.05	681.94 / 682.19	683.09 / 683.34	684.24 / 684.49	685.37 / 685.62	686.51 / 686.76	687.65 / 687.90	688.76 / 689.01	689.92 / 690.17	691.06 / 691.31	692.20 / 692.45	693.38 / 693.63	694.58 / 694.83	695.71 / 695.96	696.87 / 697.12	698.00 / 698.25	699.17 / 699.42	700.34 / 700.59	701.47 / 701.72	702.62 / 702.87	703.75 / 704.00	704.92 / 705.17	706.09 / 706.34	707.18 / 707.43

705 700 695 690 685 680

PLAN — SURVEYED; PLOTTED; CROSS SECTIONS CHECKED; R.O.W. STAKED; NOTE BOOK; NO.; BM. NOTED; STRUCTURE NOTATIONS CHKD; DATE; BY

PROFILE — SURVEYED; PLOTTED; CROSS SECTIONS CHECKED; R.O.W. STAKED; NOTE BOOK; NO.; BM. NOTED; STRUCTURE NOTATIONS CHKD; DATE; BY

MODEL: Default
FILE NAME: P:\Quincy\22Files\2016\Work Order 10 - Broadway\18-Transportation\CADD Sheets\D672295-sh-plsp-1_05.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 5 OF 19 SHEETS | STA. 94+00.00 | TO STA. 100+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	39
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

SCG HOTEL INVESTORS REIT 7, LLC
23-7-0686-035-00

MOTION Q, INC
23-6-1748-000-00

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

PR HMA SURF REM (1½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
HMA BC, IL-19.0, N50, 2½" & VARIES

ADEN DRIVE
PCC PAVEMENT 12"
SUBBASE GRANULAR MATERIAL, TYPE B 4"
(SEE CITY STREET PROFILE SHEET)

MOTION Q, INC
23-6-1748-001-00

CMT HOLDINGS LLC
23-6-1750-000-00

CMT HOLDINGS LLC
23-6-1752-000-00

CMT HOLDINGS LLC
23-6-1754-000-00

EXISTING POWER POLE
REL BY OTHERS

EXISTING JUNCTION BOX
REL

LIMITS OF CONSTRUCTION

REMOVE AND RELOCATE SIGN PANEL

REMOVE AND RELOCATE SIGN PANEL

EXISTING JUNCTION BOX
REL

PCC SIDEWALK 4"

MEDIAN SURFACE, 4"

VARIABLE HEIGHT CURB
(MATCH B-6.24 CURB HEIGHT)
(MAX 9" CURB HEIGHT)

MATCH LINE STA 100+00.00

MATCH LINE STA 106+00.00

STA 102+23.46 (IL 104)
POT STA 10+00.00 (ADEN DR)

℄ ADEN DR

℄ IL 104

POT Sta 105+39.00

PCC DRIVEWAY PAVEMENT, 8"

L J S A PROPERTIES, LLC
23-7-0775-003-00

PETERS HEATING & AIR CONDITIONING, INC
23-7-0775-001-00

PETERS HEATING & AIR CONDITIONING, INC
23-7-0776-000-00

BRIAN & ANGELA TERSTEGGE
23-6-1756-001-00

BRIAN & ANGELA TERSTEGGE
23-6-1756-000-00

0 20 40 60
SCALE IN FEET

MILL 1½"
OVERLAY 4½"

100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00
707.18	708.33	709.41	710.48	711.54	712.56	713.48	714.38	715.31	716.21	717.08	717.87	718.62
707.43	708.58	709.66	710.73	711.79	712.81	713.73	714.63	715.56	716.46	717.33	718.12	718.87
719.31	719.98	720.62	721.27	721.93	722.50	723.01	723.51	724.00	724.51	724.94	725.33	
719.56	720.23	720.87	721.52	722.18	722.75	723.26	723.76	724.25	724.76	725.19	725.58	

725 720 715 710 705 700

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 6 OF 19 SHEETS | STA. 100+00.00 | TO STA. 106+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	40
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-SHB3)BJR,BDR

PLAN
SURVEYED
PLOTTED
ASSIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ASSIGNMENT CHECKED
I.D.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.

MODEL: Default
FILE NAME: P:\Quincy\22Illes\220146\Work Order 10 - Broadway\18-Transportation\CADD Sheet\D672295-sh-gplup-f_06.dgn

CMT HOLDINGS LLC
23-6-1754-000-00

KLINGELE VET CLINIC
23-6-1755-000-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

QUINCY FARM SUPPLY CO
23-7-0686-004-00

TURNER BORTHERS GARAGE, INC
23-8-0886-001-00

MADISON PARK CHRISTIAN CHURCH
23-7-0688-005-00

D & H ASSOCIATES, LLC
23-7-0688-009-00

MADISON PARK CHRISTIAN CHURCH
23-7-0688-004-00

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

PR HMA SURF REM (1½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
HMA BC, IL-19.0, N50, 2⅛" & VARIES

MATCH LINE STA 106+00.00

MATCH LINE STA 112+00.00

℄ IL 104

106 | 107 | 108 | 109 | 110+00 | 111

12" VCP

STA 106+52.4
8" PCC ENT.
W=35.0'

STA 107+09.7
8" PCC ENT.
W=23.0'

STA 106+19.42
8" PCC END
W=28.0'

STA 106+93.33
8" PCC ENT.
W=34.0'

STA 110+57.1
8" PCC ENT.
W=34.0'

STA 111+44.0
8" PCC ENT.
W=35.0'

PCC SIDEWALK 4"

LIMITS OF CONSTRUCTION

HMA

AGG

CONC

CE CONC

R=10.0'

R=15.0'

R=20.0'

R=30.0'

EX ROW

4.5'

2'

+00.0

+89.0

+04.0
724.84

+05.0

+17.0

+98.0

B-6.24

MH
ADJ

INLET
ADJ

WV
ADJ

JUNCTION BOX
ADJ

EXISTING JUNCTION BOX
REL

24" RCP

12" RCP

15" RCP

6" VCP

FH

PROFILE

120' TRANSITION
(SEE DETAIL)

BEGIN PAVEMENT TRANSITION
VPI STA 106+80.00
ELEV = 726.58

END PAVEMENT TRANSITION
VPI STA 108+00.00
ELEV = 726.18

MILL 1½"
OVERLAY 4½"

MILL 2¼"
OVERLAY 2¼"

740 | 735 | 730 | 725 | 720 | 715

106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00
725.33 / 725.58	725.68 / 725.93	725.97 / 726.22	726.26 / 726.51	726.54 / 726.68	726.73 / 726.81	726.90 / 726.93	727.06 / 727.06	727.18 / 727.18	727.19 / 727.19	727.14 / 727.14	727.06 / 727.06	726.96 / 726.96	726.85 / 726.85	726.70 / 726.70	726.53 / 726.53	726.32 / 726.32	726.10 / 726.10	725.84 / 725.84	725.53 / 725.53	725.19 / 725.19	724.92 / 724.92	724.64 / 724.64	724.45 / 724.45	724.24 / 724.24

N

0 20 40 60
SCALE IN FEET

PLAN: SURVEYED | PLOTTED | CHECKED | R.O.W. CHECKED | R.M. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | CHECKED | R.O.W. CHECKED | R.M. NOTED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | BY | DATE

MODEL: Default
FILE NAME: P:\Quincy\22files\2201146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672795-sht-pthp-l_07.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 7 OF 19 SHEETS | STA. 106+00.00 | TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	41
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

TURNER BORTHERS GARAGE, INC
23-8-0886-001-00

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

MESSER, MARISSA DIANNE FAMILY TRUST
23-7-0686-005-00

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

EXISTING JUNCTION BOX REL

LIMITS OF CONSTRUCTION

JUNCTION BOX ADJ

STA 112+20.4
8" PCC ENT.
W=34'

STA 113+72.1
8" PCC ENT.
W=36'

12" VCP

PCC SIDEWALK 4"

HMA

EX ROW

CE CONC

R=10.0'

B-6.24

±55.0

REMOVE AND RELOCATE SIGN PANEL

±40.0

±03.0

INLET ADJ

MH ADJ

3'X2' BOX

12" RCP

15" RCP

10" PVC

8" PVC

CONC

IRRIGATION VALVE BOX

MATCH LINE STA 112+00.00

MATCH LINE STA 82+00.00

℄ IL 104

℄ N 48TH ST

℄ S 48TH ST

10+27.0

10+26.7

STA 115+42.69 (IL 104)
POT STA 10+00.00 (N 48TH ST)

STA 115+43.06 (IL 104)
POT STA 10+00.00 (S 48TH ST)

STATION EQUATION
PI Sta 116+21.14 BK=
PI Sta 80+69.79 AH

112 113 114 115+00 116 81

±00.0

±75.0

R=15.0'

30" RCP

24" RCP

SOLAR PANEL

REMOVE AND RELOCATE SIGN PANEL

STA 113+36.4
8" PCC ENT.
W=35'

MADISON PARK CHRISTIAN CHURCH
23-7-0688-005-00

STATE STREET BANK & TRUST CO
23-6-1768-000-00

N

0 20 40 60
SCALE IN FEET

MILL 2½"
OVERLAY 2¼"

735 730 725 720 715 710

112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	81+00	81+50	82+00
724.24	724.05	723.86	723.66	723.42	723.36	723.28	723.19	723.17	723.20	723.22	723.22
724.24	724.05	723.86	723.66	723.42	723.36	723.28	723.19	723.17	723.20	723.22	723.22

723.25	723.35	723.47	723.70	724.06	724.48	724.89	725.33	725.75	726.11	726.44
723.25	723.35	723.47	723.70	724.06	724.48	724.89	725.33	725.75	726.11	726.44

PLAN / PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
NOTE BOOK
NO.
BM: NGVD
STRUCTURE NO(S)/NS CHKD
CADD FILE NAME
BY
DATE

MODEL: Default
FILE NAME: P:\Quincy\22files\220146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D672795-sht-gbpr1_08.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 8 OF 19 SHEETS | STA. 112+00.00 TO STA. 82+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	42
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

MESSER, MARISSA DIANNE FAMILY TRUST
23-7-0686-005-00

MICHAEL MOORE, TRUST
TERRY KAY MOORE, TRUST
23-8-0914-000-00

KJM HOLDINGS LLC
23-6-1780-000-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

MARK & JULIE KROGMAN
23-6-1781-003-00

BLUE GOOSE, LLC
23-6-1781-004-00

STEPHEN BRINK
23-6-1781-002-00

LIMITS OF CONSTRUCTION

PVC
6" PVC
12" PVC
STA 82+92.9
8" PCC ENT.
W=35'
HMA
PCC SIDEWALK 4"
STA 84+37.5
8" PCC ENT.
W=28.5'
12" RCP
15" RCP
RCP
CONC
CE
AGG
BOULDER
EX ROW
R=10.0
+54.6
+70.1
+60.0
+75.0
2'
B-6.24
PC Sta 83+69.55
JUNCTION BOX
ADJ
MATCH LINE STA 82+00.00
MATCH LINE STA 88+00.00
℄ IL 104
82
83
84
85+00
86
87
PI Sta 86+68.77
8" PVC
10" PVC
4" PVC
6" PVC
IRRIGATION VALVE BOX
EX ROW
HMA
NEXTRAN CORPORATION
23-7-0697-000-00

PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"

EXIST. CURVE C12
PI STA. = 86+68.77
Δ = 5° 58' 34" (LT)
D = 0° 59' 58"
R = 5,732.15'
T = 299.22'
L = 597.89'
E = 7.80'
P.C. STA. = 83+69.55
P.T. STA. = 89+67.44
S.E. = N.C.

N

0 20 40 60
SCALE IN FEET

STATE STREET BANK & TRUST CO
23-6-1768-000-00

NIEMANN HOLDINGS LLC
23-6-1765-000-00

DUANE MCINTYRE
23-6-1769-001-00

D J MAC 11, LLC
23-6-1769-002-00

MILL 2¼"
OVERLAY 2¼"

BEGIN MILLING
DEPTH TRANSITION
(2¼" TO 2½")
STA. 87+80.00

END MILLING
DEPTH TRANSITION
(2¼" TO 2½")
STA. 88+00.00

740	735	730	725	720	715

82+00	82+50	83+00	83+50	84+00	84+50	85+00	85+50	86+00	86+50	87+00	87+50	88+00
726.44 / 726.44	726.82 / 726.82	727.21 / 727.21	727.58 / 727.58	727.93 / 727.93	728.27 / 728.27	728.60 / 728.60	728.89 / 728.89	729.23 / 729.23	729.55 / 729.55	729.89 / 729.89	730.24 / 730.24	730.55 / 730.55	730.87 / 730.87	731.22 / 731.22	731.56 / 731.56	731.91 / 731.91	732.26 / 732.26	732.57 / 732.57	732.86 / 732.86	733.21 / 733.21	733.56 / 733.56	733.92 / 733.92	734.34 / 734.34	734.82 / 734.82

PLAN: SURVEYED, PLOTTED, PLANS CHECKED, R.O. WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO.
PROFILE: SURVEYED, PLOTTED, PLANS CHECKED, E.M. NOTED, STRUCTURE NO(S)/MS CHKD
BY / DATE

MODEL: Default
FILE NAME: P:\Quincy\22Illes\20146\Work Order 10 - Broadway\18-Transportation\CADD Sheets\D672295-sh-gplup-l_09.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 12/23/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 9 OF 19 SHEETS | STA. 82+00.00 | TO STA. 88+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	43
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

N

0 20 40 60

SCALE IN FEET

STEPHEN BRINK
23-6-1781-002-00

EXIST. CURVE C12
PI STA. = 86+68.77
Δ = 5° 58' 34" (LT)
D = 0° 59' 58"
R = 5,732.15'
T = 299.22'
L = 597.89'
E = 7.80'
P.C. STA. = 83+69.55
P.T. STA. = 89+67.44
S.E. = N.C.

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

BLUE GOOSE, LLC
23-7-0698-018-00

EXIST. CURVE C13
PI STA. = 93+09.84
Δ = 5° 20' 08" (RT)
D = 0° 59' 57"
R = 5,734.93'
T = 267.22'
L = 534.06'
E = 6.22'
P.C. STA. = 90+42.61
P.T. STA. = 95+76.67
S.E. = N.C.

REMOVE AND RELOCATE SIGN PANEL

EX ROW

LIMITS OF CONSTRUCTION

STA 90+20.3
8" PCC (ENT.
W=27'

CE CONC

R=20.0'

PCC SIDEWALK 4"

B-6.24

±82.0

±60.0

±35.0

PC Sta 89+67.44

PC Sta 90+42.61

PI Sta 93+09.84

℄ IL 104

88 89 90+00 91 92 93

2%

12" RCP

INLET ADJ

CLEAN EXISTING INLET

MATCH LINE STA 88+00.00

MATCH LINE STA 94+00.00

CONC

10" VCP

FH

EX ROW

AGG

HMA

NEXTRAN CORPORATION
23-7-0697-000-00

WHITE GOOSE, LLC
23-7-0698-000-00

MILL 2½"
OVERLAY 2½"

88+00	88+50	89+00	89+50	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00
734.82	735.20	735.44	735.59	736.05	736.22	736.36	736.44	736.43	736.20	736.04	735.94	735.80
734.82	735.20	735.44	735.59	736.05	736.22	736.36	736.44	736.43	736.20	736.04	735.94	735.80

91+00	91+50	92+00	92+50	93+00	93+50	94+00
735.80	735.31	735.12	734.88	734.57	734.31	734.17	734.05	733.89	733.81	733.79	733.87
735.80	735.31	735.12	734.88	734.57	734.31	734.17	734.05	733.89	733.81	733.79	733.87

745 740 735 730 725 720

PLAN / PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
BY
DATE
BM. NOTED
STRUCTURE NOTATIONS CHKD
PLOTTED BY CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME

MODEL: Default
FILE NAME: P:\Quincy\22files\22016\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672795-sht-pltnp-f_10.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 10 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	44
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

BLUE GOOSE, LLC
23-7-0698-018-00

EX ROW

N 52ND STREET
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

CONC
10+91.1

LIMITS OF CONSTRUCTION

HMA

B-6.24

12" RCP

PR PCC BASE CSE WIDENING, 12"

℄ N 52ND ST

STA 95+12.39 (IL 104)
POT STA 10+00.00 (N 52ND ST)

PCC Sta 95+76.67

MATCH LINE STA 94+00.00

10" RCP

95+00.00

STA 95+10.32 (IL 104)
POT STA 10+00.00 (S 52ND ST)

℄ IL 104

94 96 97 98 99

PR PCC BASE CSE WIDENING, 12"

INLET
ADJ

B-6.24

℄ S 52ND ST

PR PCC BASE CSE WIDENING, 12"

B-6.24

LIMITS OF CONSTRUCTION

HMA

S 52ND STREET
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

9+10.8
CONC

2" PVC

EX ROW

WHITE GOOSE, LLC
23-7-0698-000-00

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

EX ROW

EXIST. CURVE C14
PI STA. = 100+22.85
Δ = 7° 27' 36" (RT)
D = 0° 50' 14"
R = 6,843.98'
T = 446.18'
L = 891.10'
E = 14.53'
P.C. STA. = 95+76.67
P.T. STA. = 104+67.77
S.E. = N.C.

N

0 20 40 60
SCALE IN FEET

LIMITS OF CONSTRUCTION

CONC

B-6.24

12" RCP

PR PCC BASE CSE WIDENING, 12"

MATCH LINE STA 100+00.00

PCC SIDEWALK 4"

2"

B-6.24 +35.0 +60.0

60" RCP

INLET
ADJ

15" CMP

INLET
ADJ

B-6.24 +35.0 +65.0

15" CMP

LRS PROPERTIES OF QUINCY, INC
23-7-0698-002-00

MILL 2½"
OVERLAY 2½"

| | | |

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SHOTTENKIRK PARTNERSHIP, LP
23-7-0698-010-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

EXIST. CURVE C14
PI STA. = 100+22.85
Δ = 7° 27' 36" (RT)
D = 0° 50' 14"
R = 6,843.98'
T = 446.18'
L = 891.10'
E = 14.53'
P.C. STA. = 95+76.67
P.T. STA. = 104+67.77
S.E. = N.C.

SHOTTENKIRK PARTNERSHIP, LP
23-7-0698-004-00

EXIST. CURVE C15
PI STA. = 108+76.52
Δ = 6° 48' 47" (LT)
D = 0° 54' 15"
R = 6,337.83'
T = 377.26'
L = 753.63'
E = 11.22'
P.C. STA. = 104+99.26
P.T. STA. = 112+52.89
S.E. = N.C.

N

0 20 40 60
SCALE IN FEET

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

PR STOP SIGN
SIGN PANEL - TYPE 1

53RD STREET
PR HMA SURF REM (VAR. DEPTH)
PR INCIDENTAL HMA SURFACING (VAR. DEPTH)
(SEE CITY STREET PROFILE SHEET)

15 CMP
CONC
10+82.0
INLET ADJ
12" RCP
℄ 53RD ST
HMA
B-6.24
PI Sta 100+22.85
PR PCC BASE CSE WIDENING, 12"
LIMITS OF CONSTRUCTION
CONC
B-6.24
PR PCC BASE CSE WIDENING, 12"
PR PCC BASE CSE WIDENING, 12"
12" PVC
EX ROW
EX ROW

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"
±50.9
±65.2
734.78
JUNCTION BOX ADJ
PCC SIDEWALK 4"
2"
LIMITS OF CONSTRUCTION
12" RCP
12" RCP
12" RCP
12" RCP
PI Sta 104+67.77
PI Sta 104+99.26
PR PCC BASE CSE WIDENING, 12"
B-6.24
12" RCP

MATCH LINE STA 100+00.00
100+00
10+00
STA 100+51.87 (IL 104)
POT STA 10+00.00 (N 53RD ST)
101
℄ IL 104
102
103
104
105+00
MATCH LINE STA 106+00.00
±20.0
±84.0
12" RCP
B-6.24
R=10.0'
R=10.0'
CE
CONC
15" CMP
REMOVE AND RELOCATE SIGN PANEL
PCC SIDEWALK 4"
JUNCTION BOX ADJ
JUNCTION BOX ADJ
2"
LIMITS OF CONSTRUCTION
+51.14
51.56' RT
+99.26
50.58' RT
PR PCC BASE CSE WIDENING, 12"
B-6.24
15" CMP
STA 100+57.1
8" PCC ENT.
W=35°
EX ROW
EX ROW

LRS PROPERTIES OF QUINCY, INC
23-7-0698-002-00

PLAN
SURVEYED
PLOTTED
CHANGES CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHANGES CHECKED
E&M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MILL 2½"
OVERLAY 2½"

	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00
745													
740													
735													
730													
725													
720													
	733.79 733.79	733.96 733.96	734.18 734.18	734.47 734.47	734.65 734.65	734.91 734.91	735.08 735.08	735.24 735.24	735.37 735.37	735.44 735.44	735.44 735.44	735.39 735.39	735.43 735.43
	735.31 735.31	735.25 735.25	735.13 735.13	735.02 735.02	734.48 734.48	734.30 734.30	734.18 734.18	733.99 733.99	733.76 733.76	733.57 733.57	733.32 733.32	733.11 733.11	

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KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

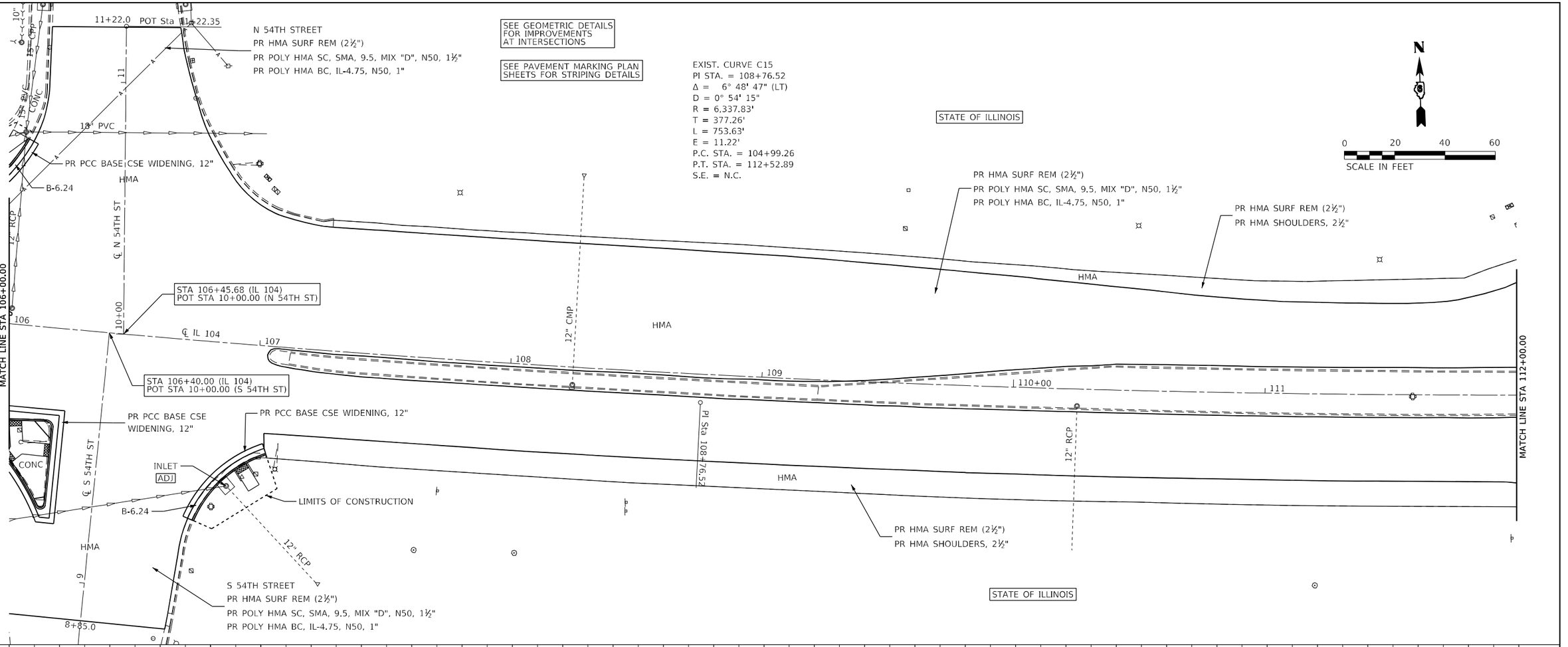
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 12 OF 19 SHEETS | STA. 100+00.00 TO STA. 106+00.00

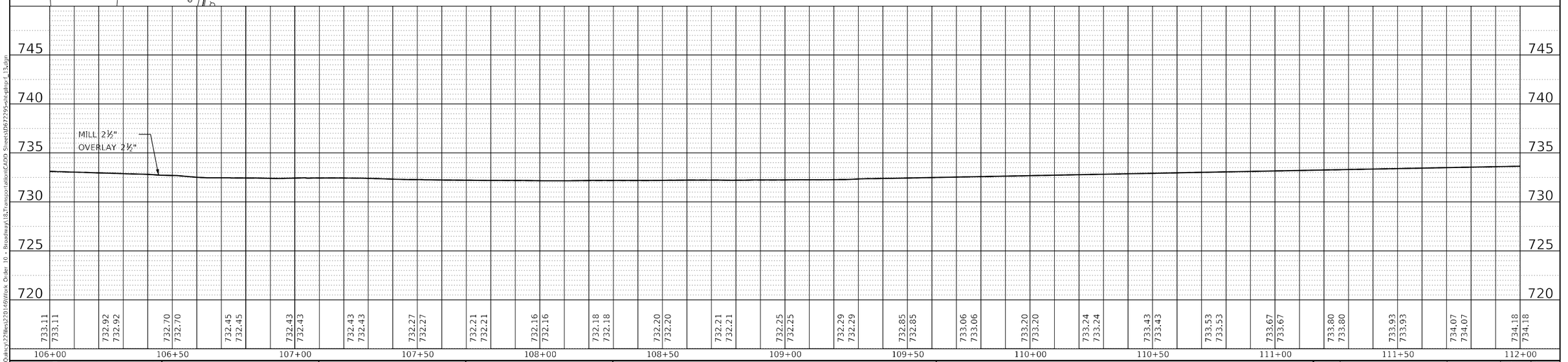
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	46
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



PLAN
SURVEYED
PLOTTED
CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE



MODEL: Default
FILE NAME: P:\Quincy\22files\22016\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672795-sht-pltprf_13.dgn

KLINGNER & ASSOCIATES, P.C.			
Engineers • Architects • Surveyors	USER NAME = mrich	DESIGNED -	REVISED -
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670		DRAWN -	REVISED -
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 13 OF 19 SHEETS | STA. 106+00.00 | TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	47
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

EXIST. CURVE C15
PI STA. = 108+76.52
Δ = 6° 48' 47" (LT)
D = 0° 54' 15"
R = 6,337.83'
T = 377.26'
L = 753.63'
E = 11.22'
P.C. STA. = 104+99.26
P.T. STA. = 112+52.89
S.E. = N.C.

18+04.0

℄ RAMP C

IL 104 RAMP C
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

STATE OF ILLINOIS

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

+42.0

HMA

MATCH LINE STA 112+00.00

P.T. Sta 112+52.89

STA 112+54.11 (IL 104)
POT STA 19+59.7 (IL 104 RAMP C)

112 113 114 115+00 ℄ IL 104 116 117

HMA

0+00.0

STA 112+58.44 (IL 104)
POT STA 0+00.00 (IL 104 RAMP D)

HMA

MATCH LINE STA 118+00.00

HMA

℄ RAMP D

IL 104 RAMP D
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

+52.0

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

STATE OF ILLINOIS

STATE OF ILLINOIS

N

0 20 40 60
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MILL 2½"
OVERLAY 2½"

745	740	735	730	725	720
734.18	734.33	734.51	734.46	733.91	733.91
734.18	734.33	734.51	734.46	733.91	733.91
734.09	734.31	734.36	734.36	734.38	734.38
734.09	734.31	734.36	734.36	734.38	734.38
734.39	734.39	734.39	734.39	734.38	734.38
734.39	734.39	734.39	734.39	734.38	734.38
734.35	734.34	734.34	734.31	734.28	734.63
734.35	734.34	734.34	734.31	734.28	734.63
734.60	734.52	734.36	734.24		
734.60	734.52	734.36	734.24		

112+00 112+50 113+00 113+50 114+00 114+50 115+00 115+50 116+00 116+50 117+00 117+50 118+00

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 14 OF 19 SHEETS | STA. 112+00.00 | TO STA. 118+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	48
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

STATE OF ILLINOIS

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

263

+42.0

+19.0

+09.0

HMA

RESURFACING OMISSION
BEGINS STA 118+46.00

CONC

STA 119+80.34 (IL 104)
POT STA 262+29.81 (I-172)

POT Sta 119+80.34

RESURFACING OMISSION
ENDS STA 121+15.00

HMA

MATCH LINE STA 118+00.00

118 | 119 | 120+00 | ℄ IL 104 | 121 | 122 | 123

HMA

CONC

HMA

262

HMA

+52.0

PR JOINT REPLACEMENT
(SEE BRIDGE PLANS)

PR JOINT REPLACEMENT
(SEE BRIDGE PLANS)

+29.0

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

+19.0

MATCH LINE STA 124+00.00

PR HMA BSE CSE WIDENING, 10"
PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

℄ I-172

261

STATE OF ILLINOIS

N

0 20 40 60
SCALE IN FEET

PLAN
SURVEYED
PLOTTED
DESIGN CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DESIGN CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MILL 2½"
OVERLAY 2½"

RESURFACING OMISSION
BEGINS STA 118+46.00

RESURFACING OMISSION
ENDS STA 121+15.00

MILL 2½"
OVERLAY 2½"

745	740	735	730	725	720
734.24	734.24				
734.12	734.12				
734.05	734.05				
733.97	733.97				
733.81	733.81				
733.67	733.67				
733.56	733.56				
733.43	733.43				
733.30	733.30				
733.14	733.14				
733.04	733.04				
732.95	732.95				
732.82	732.82				
732.64	732.64				
732.58	732.58				
732.49	732.49				
732.43	732.43				
732.31	732.31				
732.25	732.25				
731.67	731.67				
731.53	731.53				
731.38	731.38				
731.24	731.24				
731.13	731.13				
731.02	731.02				

118+00 | 118+50 | 119+00 | 119+50 | 120+00 | 120+50 | 121+00 | 121+50 | 122+00 | 122+50 | 123+00 | 123+50 | 124+00

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 15 OF 19 SHEETS | STA. 118+00.00 | TO STA. 124+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	49
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

IL 104 RAMP B
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

STATE OF ILLINOIS

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

HMA

HMA

MATCH LINE STA 124+00.00

124

125+00

126

STA 126+90.97 (IL 104)
POT STA 0+00.00 (IL 104 RAMP B)

STA 126+90.97 (IL 104)
POT STA 20+66.64 (IL 104 RAMP A)

1+30.0

℄ RAMP B

0+00

℄ IL 104

127

128

129

HMA

MATCH LINE STA 130+00.00

HMA

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

20+00

℄ RAMP A

IL 104 RAMP A
PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

STATE OF ILLINOIS

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

19+05.0

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

STATE OF ILLINOIS

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

HMA

HMA

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

N

0 20 40 60
SCALE IN FEET

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

PROFILE
SURVEYED
PLOTTED
PROFILE CHECKED
H.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MILL 2½"
OVERLAY 2½"

740	735	730	725	720	715
731.02	730.90	730.73	730.63	730.51	730.40
731.02	730.90	730.73	730.63	730.51	730.40

730.24	730.10	729.90	729.63	729.40	729.44	729.69	729.49	729.42	729.31	729.21	729.07	728.97	728.83	728.70	728.59	728.45	728.33	728.21
730.24	730.10	729.90	729.63	729.40	729.44	729.69	729.49	729.42	729.31	729.21	729.07	728.97	728.83	728.70	728.59	728.45	728.33	728.21

124+00 124+50 125+00 125+50 126+00 126+50 127+00 127+50 128+00 128+50 129+00 129+50 130+00

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 16 OF 19 SHEETS | STA. 124+00.00 | TO STA. 130+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	50
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

ARMSTRONG, JEFFERY
19-0-1048-000-00

MITCHELL, RICHARD
19-0-1044-000-00

STATE OF ILLINOIS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

PR HMA SURF REM (2½")
PR HMA SHOULDERS, 2½"

HMA

℄ COUNTY RD 1000 E

12" PVC

4" PVC

PE AGG

PE CONC

MATCH LINE STA 130+00.00

MATCH LINE STA 136+00.00

130+00 | 131 | 132 | 10+00 | 133 | ℄ IL 104 | 134 | 135+00

STA 132+47.03 (IL 104)
POT STA 10+00.00 (COUNTY RD 1000 E)

CONC

B-6.24

LIMITS OF CONSTRUCTION

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

N

0 20 40 60
SCALE IN FEET

MILL 2½"
OVERLAY 2½"

130+00	130+50	131+00	131+50	132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00
728.21 / 728.21	728.07 / 728.07	727.99 / 727.99	727.85 / 727.85	727.72 / 727.72	727.30 / 727.30	727.32 / 727.32	727.15 / 727.15	727.05 / 727.05	726.93 / 726.93	726.70 / 726.70	726.52 / 726.52	726.37 / 726.37
726.23 / 726.23	726.06 / 726.06	725.84 / 725.84	725.64 / 725.64	725.48 / 725.48	725.23 / 725.23	724.92 / 724.92	724.46 / 724.46	724.11 / 724.11	723.77 / 723.77	723.40 / 723.40	723.03 / 723.03	

735 | 730 | 725 | 720 | 715 | 710

PLAN: SURVEYED | PLOTTED | ALIGNMENT CHECKED | R.O.W. CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | GRADES CHECKED | I.M. NOTED | STRUCTURE NOTATIONS CHKD

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 17 OF 19 SHEETS | STA. 130+00.00 | TO STA. 136+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	51
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-SHB3)BJR,BDR

CRABTREE, EMILY,
NEW COVENANT PROPERTIES
19-0-1043-001-00

REDMAN, WILLIAM & ANGELA
19-0-1037-000-00

KIRLIN, DORITA
19-0-1030-000-00

CHRISTNER, GERALD
19-0-1024-000-00

SEE PAVEMENT MARKING PLAN
SHEETS FOR STRIPING DETAILS

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

HICKORY GROVE CENTER
PR HMA SURF REM (2½")
PR INCIDENTAL HMA SURFACING, 2½"

POT Sta 11+00.52

HMA

12" RCP
10+57.0

12" PVC

AGG
PE
CONC

12" PVC

AGG
PE
CONC

12" PVC

27" RCP

15" PVC

HICKORY GROVE CENTER

MATCH LINE STA 136+00.00

STA 136+44.92 (IL 104)
POT STA 10+00.00 (61ST ST)

HMA

136 137 138 139 ℄ IL 104 140+00 141

℄ 61ST ST

9+69.3

℄ HICKORY GROVE CENTER
10+00

STA 141+10.90 (IL 104)
POT STA 10+00.00 (HICKORY GROVE CENTER)

MATCH LINE STA 142+00.00

12" PVC 12" PVC 12" PVC 12" PVC 12" PVC

27" RCP

CONC CONC CONC CONC CONC CONC CONC CONC

DELINEATOR

48" RCP

27" RCP

STATE OF ILLINOIS

B-6.24

LIMITS OF CONSTRUCTION

CONC DITCH

SEE GEOMETRIC DETAILS
FOR IMPROVEMENTS
AT INTERSECTIONS

N

0 20 40 60
SCALE IN FEET

MILL 2½"
OVERLAY 2½"

	730	725	720	715	710	705
136+00	723.03	723.03				
136+50	722.65	722.65	722.28	722.28		
137+00	721.88	721.88	721.40	721.40		
137+50	720.90	720.90	720.40	720.40		
138+00	719.87	719.87	719.36	719.36		
138+50	718.89	718.89	718.49	718.49	718.10	718.10
139+00	717.73	717.73	717.42	717.42		
139+50	717.17	717.17				
140+00	716.96	716.96	716.79	716.79		
140+50	716.65	716.65	716.59	716.59		
141+00	716.61	716.61	716.69	716.69		
141+50	716.77	716.77	716.92	716.92		
142+00	717.10	717.10	717.36	717.36		

PLAN
SURVEYED
PLOTTED
CROSS SECTIONED
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONED
NOTE BOOK
NO.
DATE
BY

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 18 OF 19 SHEETS | STA. 136+00.00 | TO STA. 142+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	52
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

CHRISTNER, GERALD
19-0-1024-000-00

THOMAS, ROLLIE
19-0-1017-000-00

LAUNER, KEVIN
19-0-1011-000-00

STEPHENS, RICHARD
19-0-0947-000-00

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

POT Sta 10+94.99

HICKORY GROVE
PR HMA SURF REM (2½")
PR INCIDENTAL HMA SURFACING, 2½"

PR HMA SURF REM (2½")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 1"

10+66.0

HMA

℄ HICKORY GROVE

12" PVC

PI Sta 143+05.96

4" PVC

10+00

STA 144+32.56 (IL 104)
POT STA 10+00.00 (HICKORY GROVE)

STA 145+96.36 (IL 104)
POT STA 10+00.00 (63RD ST)

END IMPROVEMENT
STA. 147+32.00

MATCH LINE STA 142+00.00

142 | 143 | ℄ IL 104 | 144 | 145+00 | 146 | 147

42" RCP

HMA

PR PCC BASE CSE WIDENING, 12"

CONC

REMOVE AND RELOCATE SIGN PANEL

B-6.24

LIMITS OF CONSTRUCTION

DELINEATOR

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

MARX, CHARLES & KATHIE TRUST
23-9-0119-010-00

9+10.0

℄ 63RD ST

63RD STREET
PR HMA SURF REM (2½")
PR INCIDENTAL HMA SURFACING, 2½"

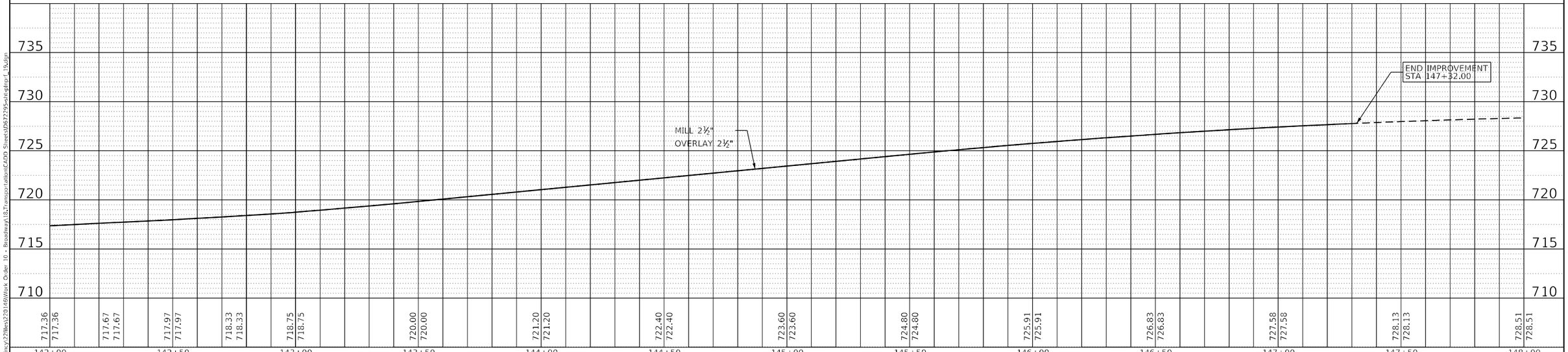
63RD STREET (RIGHT TURN RADIUS)
PR HMA SURF REM (VAR. DEPTH)
PR INCIDENTAL HMA SURFACING, 2½"

POT Sta 8+75.83

SCHUTTE, JUDITH ET AL
20-0-0112-000-00

N

0 20 40 60
SCALE IN FEET



PLAN
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
NOTE BOOK
NO.
BM: NOTED
R.O.W. CHECKED
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
NOTE BOOK
NO.
BM: NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

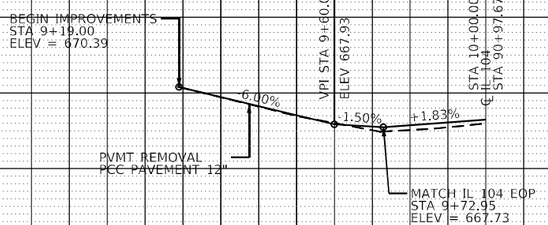
FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 19 OF 19 SHEETS | STA. 142+00.00 | TO STA. 147+32.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	53
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CARDINAL TER PROFIL



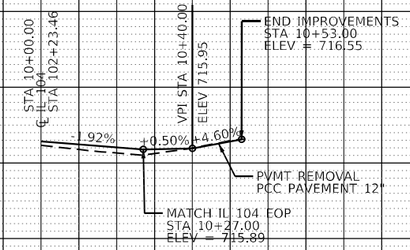
690 685 680 675 670 665 660 655

735 730 725 720 715 710 705 700

670.02 670.03 668.48 668.53 667.48 667.98

9+50 10+00

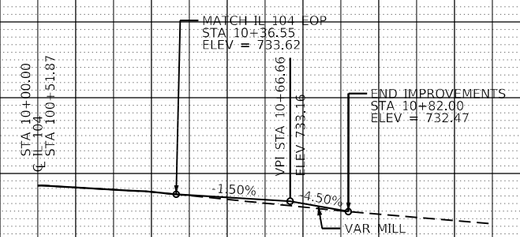
ADEN DR PROFILE



716.16 715.55 716.45 716.41

10+00 10+50

53RD ST PROFILE



755 750 745 740 735 730 725 720

734.19 733.85 733.28 733.41 732.65 732.79 732.09

10+00 10+50 11+00

PROFILE | SURVEYED | PLOTTED | CHECKED | NOTE BOOK | NO.

BY | DATE | DESIGNED | DRAWN | CHECKED | QUANTITIES CHECKED | R.P., M.P. NOTED | STRUCTURE NOTATNS CHKED

PLAN | SURVEYED | PLOTTED | CHECKED | NOTE BOOK | NO.

BY | DATE | DESIGNED | DRAWN | CHECKED | QUANTITIES CHECKED | R.O.W. CHECKED | CADD FILE NAME

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FILE NAME: P:\Quincy\22Files\220146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672295-sht-profile_sr.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.2670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

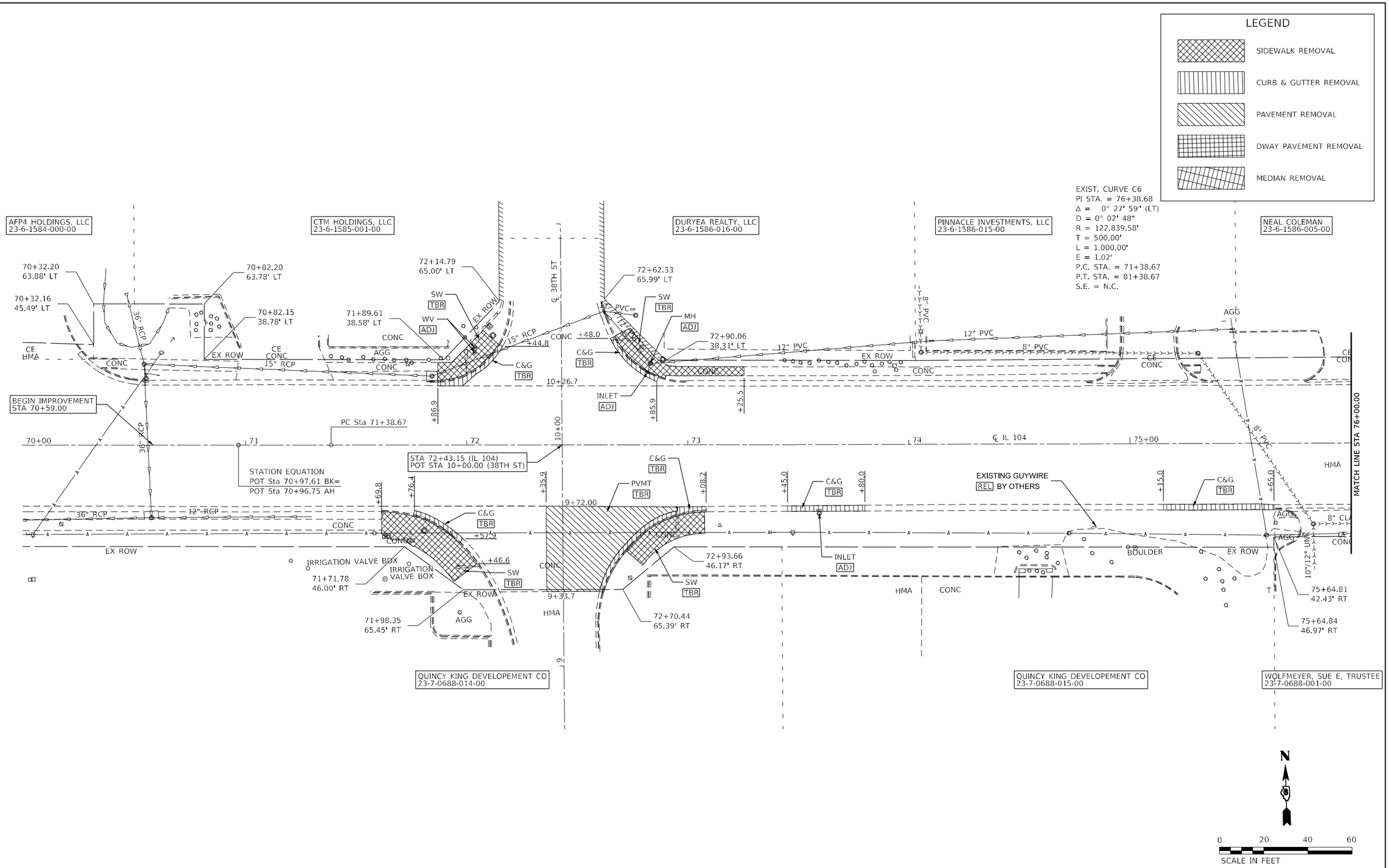
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
CITY STREET PROFILE SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	54
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 1 OF 19 SHEETS | STA. 70+00.00 | TO STA. 76+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	55
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

EXIST. CURVE C6
PI STA. = 76+38.68
Δ = 0° 27' 59" (LT)
D = 0° 02' 48"
R = 122,839.58'
T = 500.00'
L = 1,000.00'
E = 1.02'
P.C. STA. = 71+38.67
P.T. STA. = 81+38.67
S.E. = N.C.

NEAL COLEMAN
23-6-1586-005-00

DOYLE EQUIPEMENT MFG CO
23-6-1586-008-00

POT Sta 11+40.20

76+48.11
54.10' LT

76+48.17
39.10' LT

CONC
HMA
CE CONC
EX ROW
12" VCP
8" VCP
℄ 40TH ST
15" RCP
PT Sta 81+38.67
MATCH LINE STA 76+00.00
MATCH LINE STA 82+00.00
76
77
78
79
10+00
80+00
℄ IL 104
81
PI Sta 76+38.68
STA 78+68.10 (IL 104)
POT STA 10+00.00 (40TH ST)
12" RCP
INLET
ADJ
8" CLAY
CONC
AGG
EX ROW
4" PVC
CH
MH
ADJ
EXISTING POWER POLE
REL BY OTHERS
79+62.42
40.52' RT
79+62.43
45.52' RT

SUE E WOLFMEYER TRUSTEE
23-7-0688-001-00

CHARLES & KATHIE MARX TRUST
23-7-0688-024-00

CHARLES & KATHIE MARX TRUST
23-7-0688-023-00

FIP MASTER FUNDING XXIV, LLC
FUNDAMENTAL INCOME PROPERTIES, LLC
23-7-0778-000-00

CHARLES & KATHIE MARX TRUST
23-7-0688-028-00

N

0 20 40 60
SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 2 OF 19 SHEETS | STA. 76+00.00 | TO STA. 82+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	56
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

DOYLE EQUIPEMENT MFG CO
23-6-1586-008-00

MONTY DOYLE
23-6-1586-018-00

RANDALL FIERGE, TR
23-6-1586-006-00

83+58.32
64.98' LT

83+58.32
49.98' LT

85+37.67
64.96' LT

85+37.67
59.96' LT

87+72.67
59.93' LT

87+72.67
54.93' LT

EX ROW

HMA

EX ROW

HMA

AGG

CE CONC

CE HMA

CE CONC

15" RCP

36" RCP

42" RCP

CE CONC

HMA

42" RCP

42" RCP

CONC

CE CONC

42"

MATCH LINE STA 82+00.00

82

83

84

℄ IL 104

85+00 P

86

87

12" RCP

12" RCP

MATCH LINE STA 88+00.00

EXISTING POWER POLE
REL BY OTHERS

CLEAN EXISTING INLET

CONC

CE CONC

EX ROW

CONC

CE CONC

FH

CONC

IRRIGATION VALVE BOX

CONC

84+99.92
45.16' RT

CONC

CE CONC

CONC

FH

CONC

EX ROW

85+99.93
55.12' RT

R2R3, LLC
23-7-0688-027-00

O'REILLY AUTO ENTERPRISIES, LLC
23-7-0688-026-00

SSP HOSPITALITY, LLC
23-7-0688-010-00

N

0 20 40 60

SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

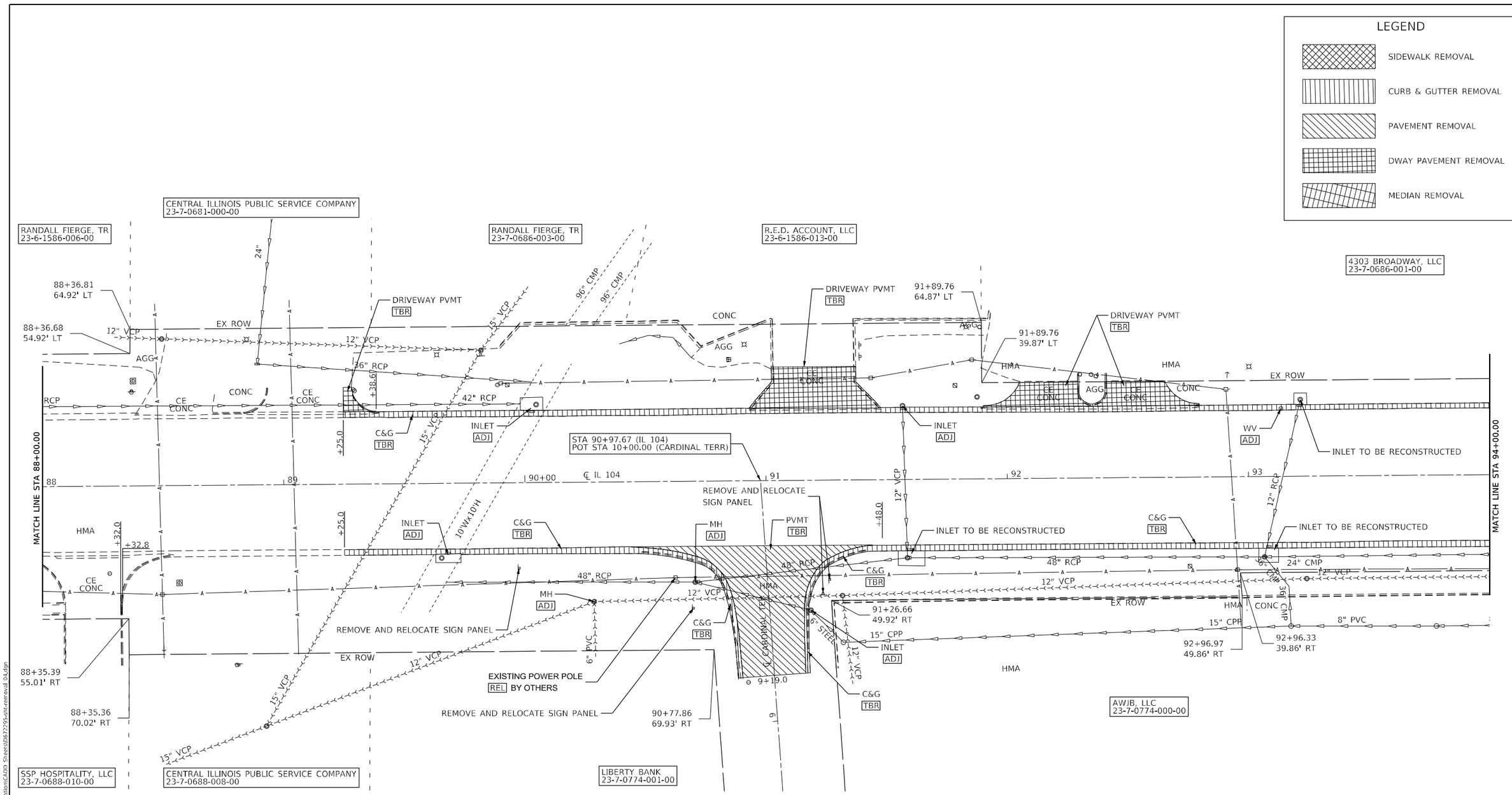
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 3 OF 19 SHEETS | STA. 82+00.00 | TO STA. 88+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	57
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

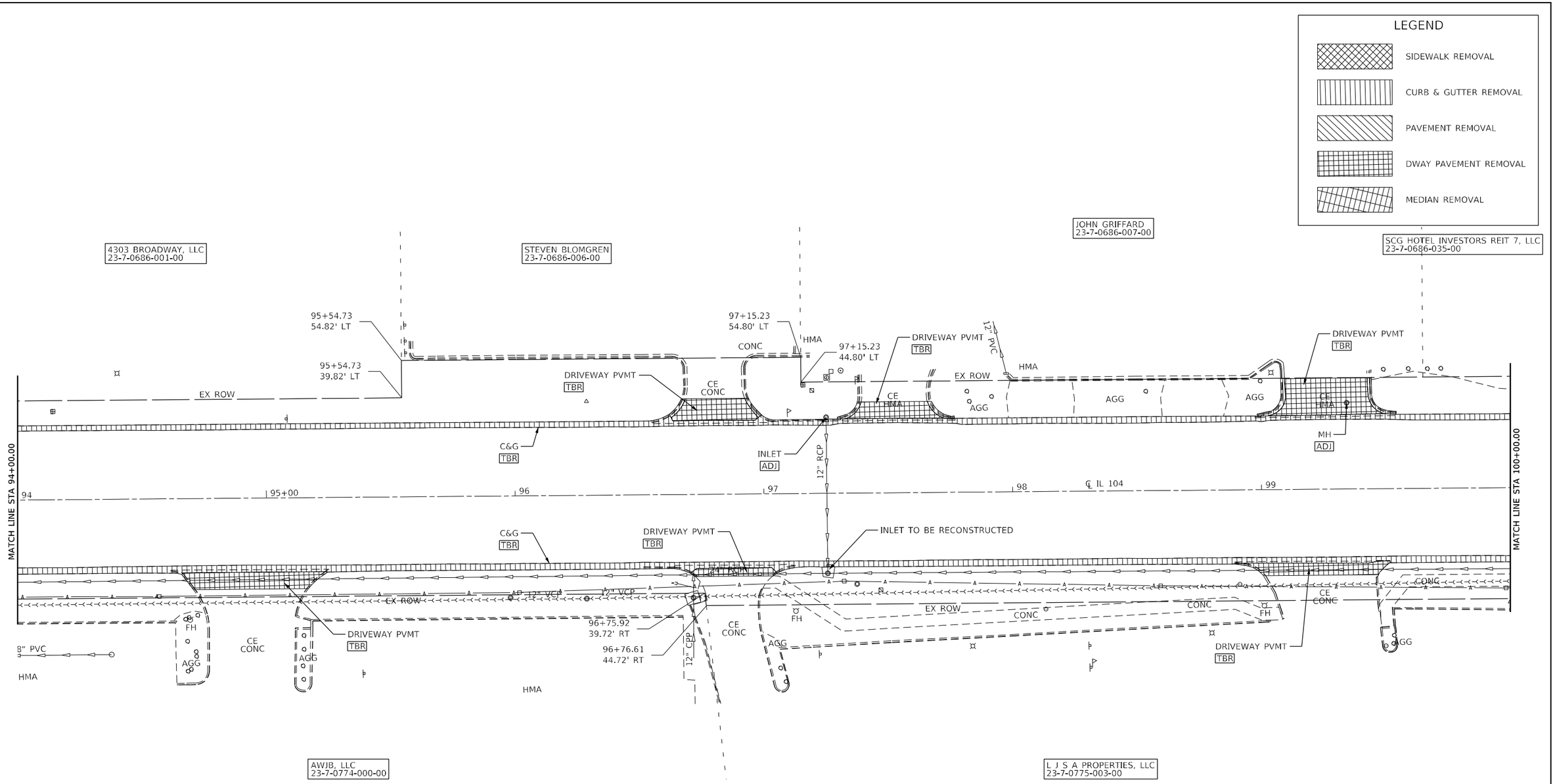
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 4 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	58
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



MODEL: Default
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KLINGNER & ASSOCIATES, P.C.	USER NAME = mrich	DESIGNED -	REVISED -
Engineers • Architects • Surveyors		DRAWN -	REVISED -
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLOT DATE = 12/23/2025	DATE -	REVISED -

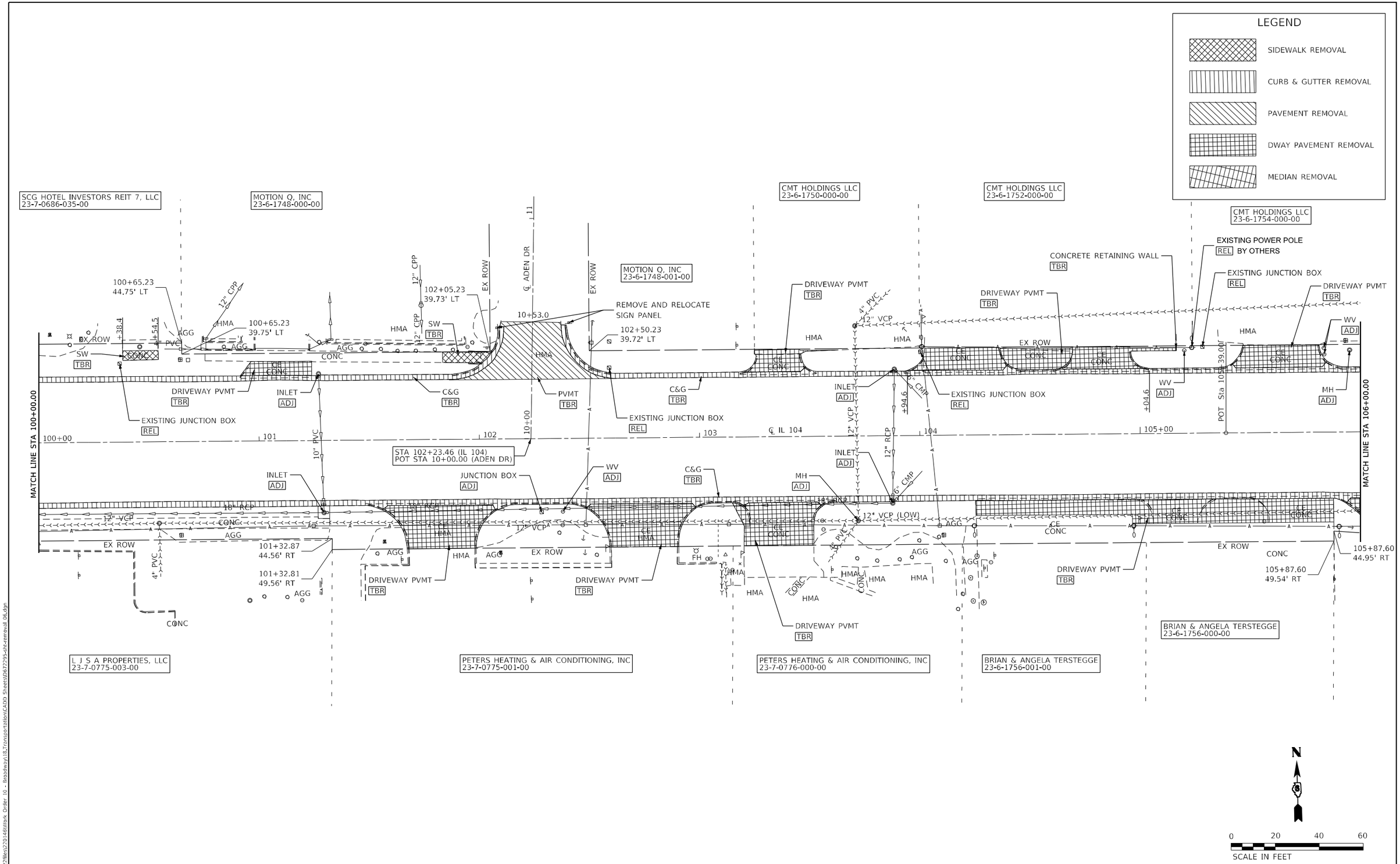
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 5 OF 19 SHEETS | STA. 94+00.00 | TO STA. 100+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	59
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

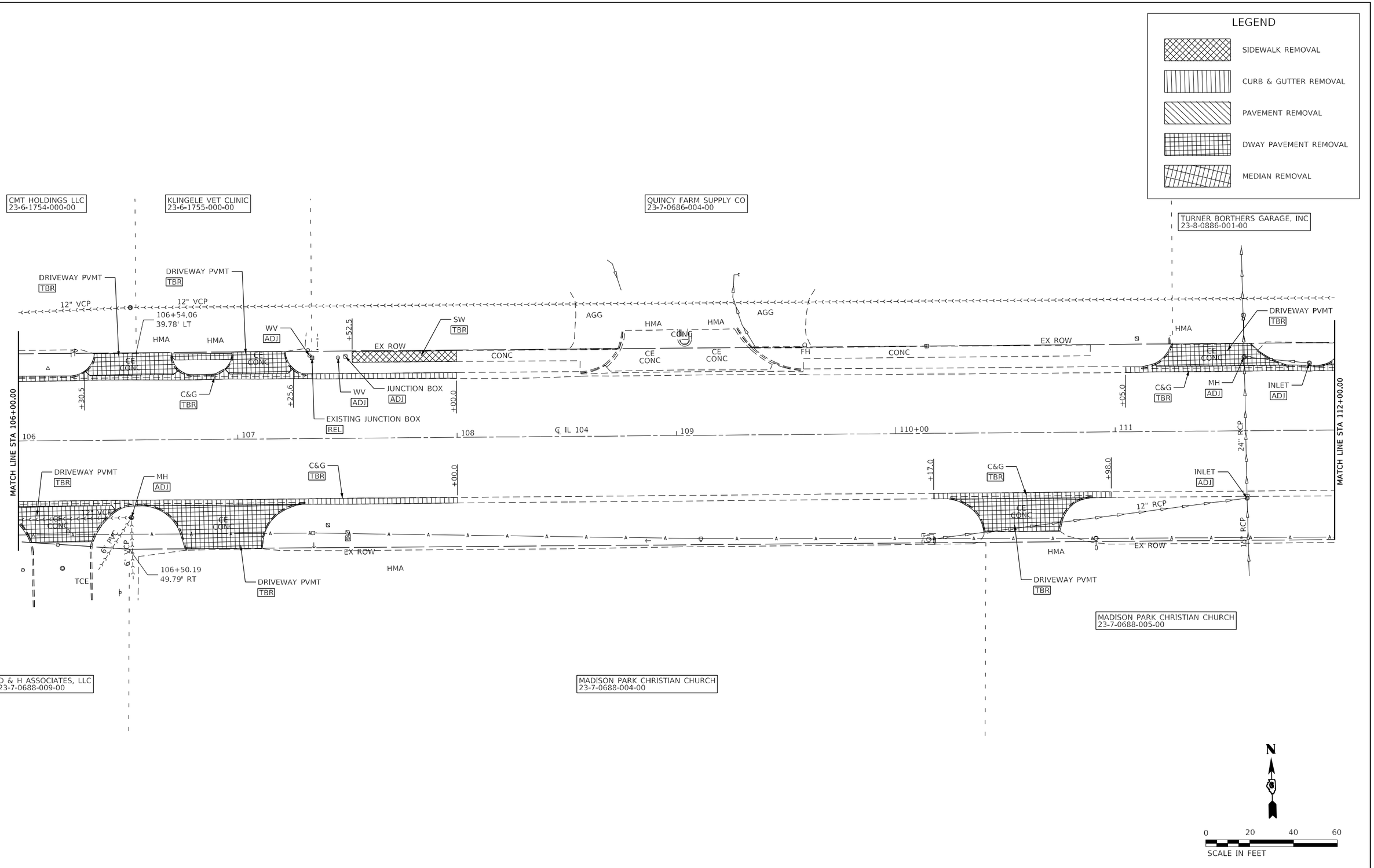
* 103RS-14,TS-3, (1-5HB3)BJR,BDR



KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			745	*	ADAMS	240	60
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72295		
	PLOT DATE = 12/23/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 6 OF 19 SHEETS STA. 100+00.00 TO STA. 106+00.00		ILLINOIS	FED. AID PROJECT		

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* 103RS-14,TS-3, (1-5HB3)BJR,BDR



MODEL: Default
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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 7 OF 19 SHEETS | STA. 106+00.00 | TO STA. 112+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	61
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

TURNER BORTHERS GARAGE, INC
23-8-0886-001-00

MESSER, MARISSA DIANNE FAMILY TRUST
23-7-0686-005-00

MADISON PARK CHRISTIAN CHURCH
23-7-0688-005-00

STATE STREET BANK & TRUST CO
23-6-1768-000-00

EXISTING JUNCTION BOX REL
REMOVE AND RELOCATE SIGN PANEL
DRIVEWAY PVMT TBR
HMA
CE CONC
C&G TBR
JUNCTION BOX ADJ
INLET ADJ
MH ADJ
SW TBR
CONCRETE RETAINING WALL TBR
IRRIGATION VALVE BOX
SOLAR PANEL
EX ROW
12" VCP
12" RCP
15" RCP
24" RCP
3'X2' BOX
12" PVC
8" PVC
CONC

114+76.20 59.57' LT
114+21.19 39.95' LT
115+80.73 100.78' LT
115+92.48 69.42' LT
116+03.85 63.53' LT
116+05.05 51.24' LT
116+14.81 51.37' LT
116+21.14 40.00' LT
114+61.45 50.02' RT
114+86.72 94.95' RT
115+02.20 95.06' RT
116+00.65 70.00' RT

±55.0 ±40.0 ±03.0 ±00.0 ±75.0

℄ IL 104
℄ N 48TH ST
℄ S 48TH ST

STA 115+42.69 (IL 104)
POT STA 10+00.00 (N 48TH ST)

STA 115+43.06 (IL 104)
POT STA 10+00.00 (S 48TH ST)

STATION EQUATION
Pl Sta 116+21.14 BK=
Pl Sta 80+69.79 AH

MATCH LINE STA 112+00.00

MATCH LINE STA 82+00.00

112 113 114 115+00 10+00 116 81

30°

N

0 20 40 60
SCALE IN FEET

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

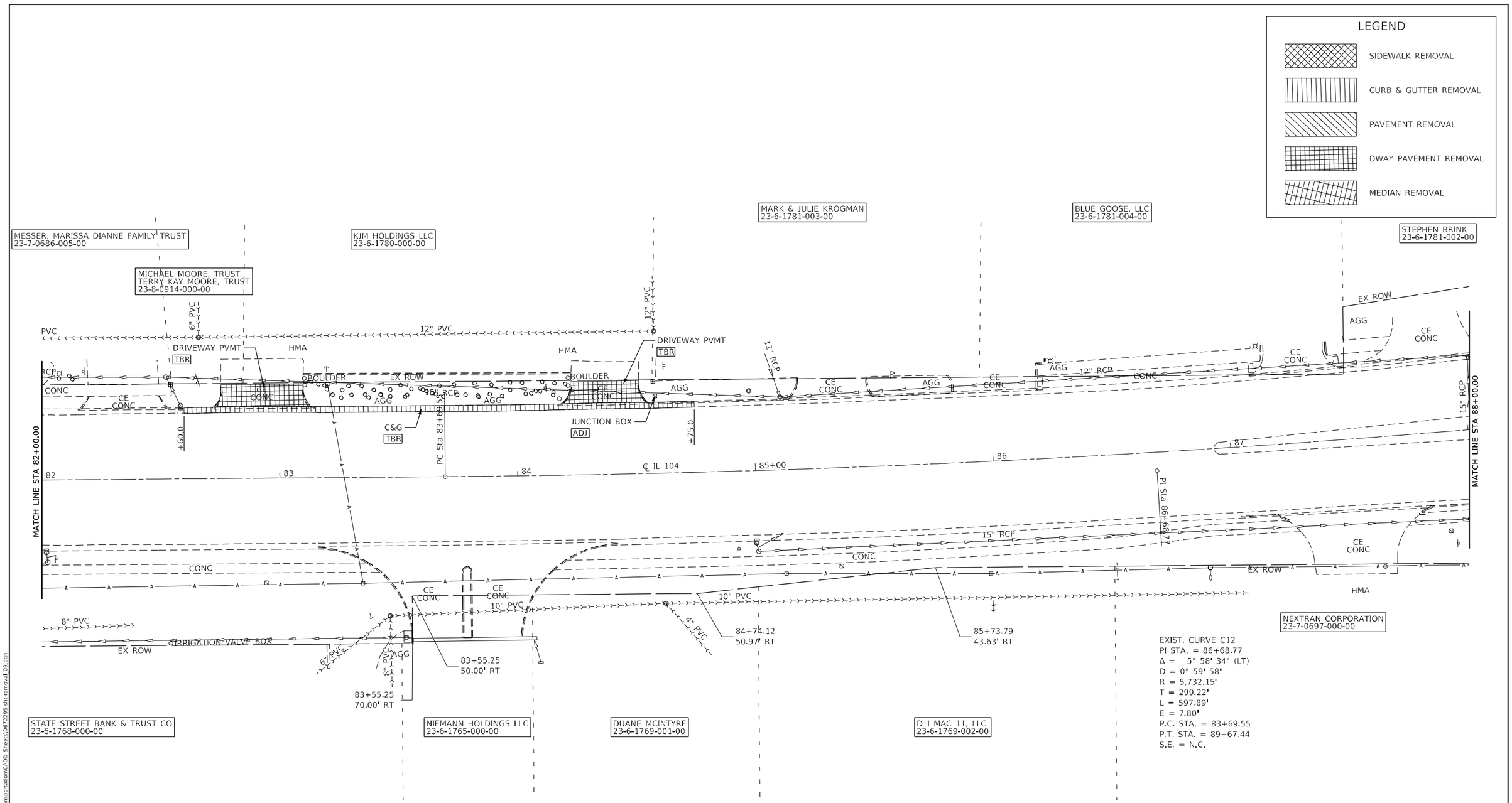
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 8 OF 19 SHEETS | STA. 112+00.00 TO STA. 82+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	62
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 9 OF 19 SHEETS | STA. 82+00.00 TO STA. 88+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	63
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

STEPHEN BRINK
23-6-1781-002-00

EXIST. CURVE C12
PI STA. = 86+68.77
Δ = 5° 58' 34" (LT)
D = 0° 59' 58"
R = 5,732.15'
T = 299.22'
L = 597.89'
E = 7.80'
P.C. STA. = 83+69.55
P.T. STA. = 89+67.44
S.E. = N.C.

BLUE GOOSE, LLC
23-7-0698-018-00

EXIST. CURVE C13
PI STA. = 93+09.84
Δ = 5° 20' 08" (RT)
D = 0° 59' 57"
R = 5,734.93'
T = 267.22'
L = 534.06'
E = 6.22'
P.C. STA. = 90+42.61
P.T. STA. = 95+76.67
S.E. = N.C.

90+54.36
73.88' LT

EX ROW

REMOVE AND RELOCATE SIGN PANEL

REMOVE AND RELOCATE SIGN PANEL

REMOVE AND RELOCATE SIGN PANEL

DRIVEWAY PVMT TBR

C&G TBR

CE CONC

±82.0

±60.0

PT Sta 89+67.44

PC Sta 90+42.6

PI Sta 93+09.84

℄ IL 104

88 89 90+00 91 92 93

MATCH LINE STA 88+00.00

MATCH LINE STA 94+00.00

12" RCP

INLET ADJ

CLEAN EXISTING INLET

CLEAN EXISTING INLET

CONC

CE CONC

10" VCP

FH

EX ROW

AGG

HMA

NEXTRAN CORPORATION
23-7-0697-000-00

WHITE GOOSE, LLC
23-7-0698-000-00

N

0 20 40 60
SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 10 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	64
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

BLUE GOOSE, LLC
23-7-0698-018-00

PALMINVEST LLC
23-7-0698-020-00

OPI LLC
23-7-0698-021-00

WALMART, INC
23-7-0698-011-00

WHITE GOOSE, LLC
23-7-0698-000-00

LRS PROPERTIES OF QUINCY, INC
23-7-0698-002-00

94+84.64
112.48' LT

95+44.36
139.44' LT

95+49.11
120.93' LT

95+77.19
124.84' LT

94+81.48
108.00' RT

95+32.43
109.17' RT

EX ROW

EXIST. CURVE C14
PI STA. = 100+22.85
Δ = 7° 27' 36" (RT)
D = 0° 50' 14"
R = 6,843.98'
T = 446.18'
L = 891.10'
E = 14.53'
P.C. STA. = 95+76.67
P.T. STA. = 104+67.77
S.E. = N.C.

MATCH LINE STA 94+00.00

MATCH LINE STA 100+00.00

℄ IL 104

℄ N 52ND ST

℄ S 52ND ST

STA 95+12.39 (IL 104)
POT STA 10+00.00 (N 52ND ST)

STA 95+10.32 (IL 104)
POT STA 10+00.00 (S 52ND ST)

PCC Sta 95+76.67

CONC

HMA

PVMT TBR

SW TBR

C&G TBR

MEDIAN TBR

INLET ADJ

12" RCP

60" RCP

15" CMP

2" PVC

+72.3
+64.1
+80.7
+82.7
+90.2
+54.8
+33.9
+35.5
+60.7
+27.2
+34.9
+40.7
+61.1
+70.0
+35.0
+60.0
+65.0

0 20 40 60
SCALE IN FEET

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

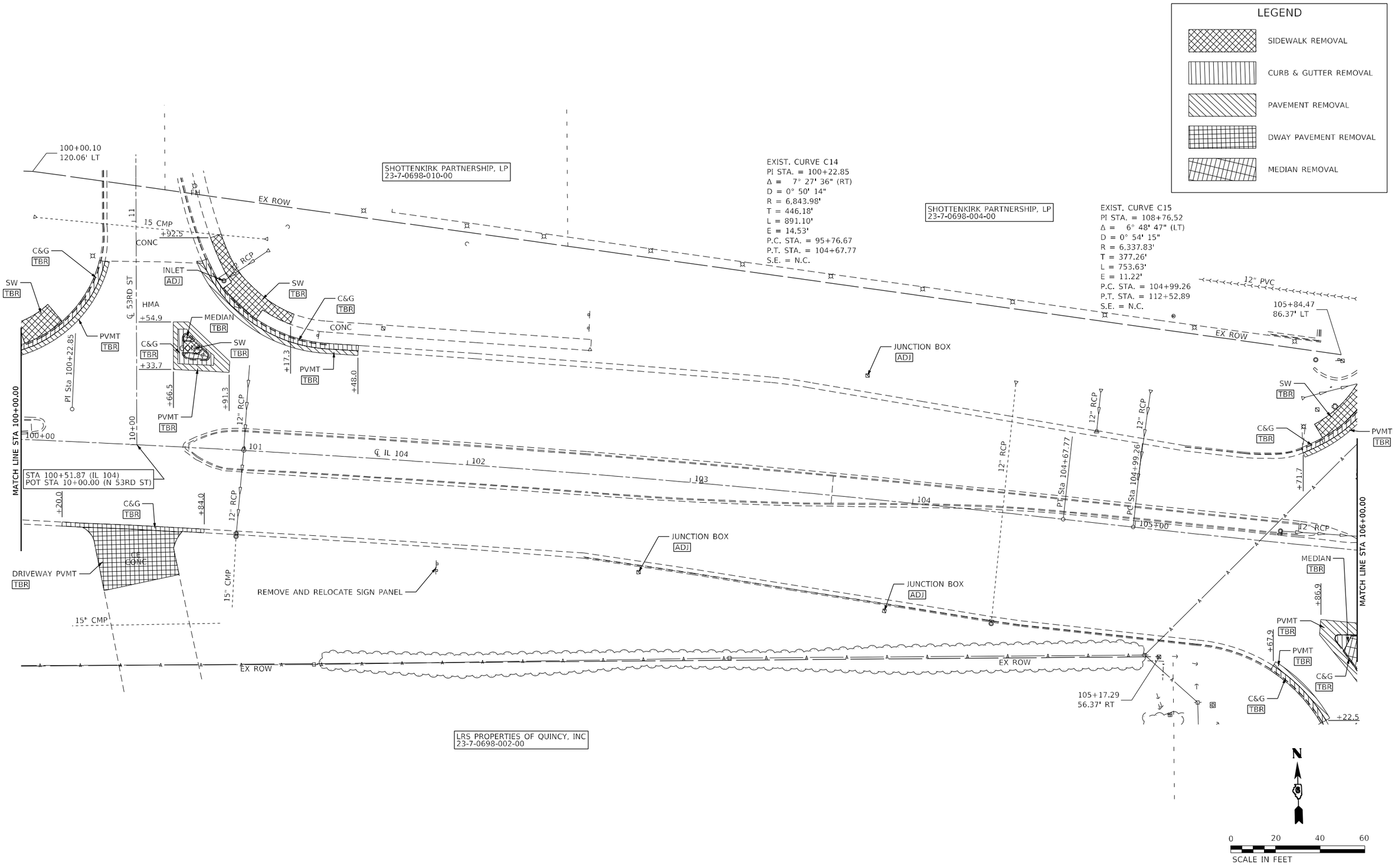
FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 11 OF 19 SHEETS | STA. 94+00.00 | TO STA. 100+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	65
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 12 OF 19 SHEETS | STA. 100+00.00 TO STA. 106+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	66
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

EXIST. CURVE C15
PI STA. = 108+76.52
Δ = 6° 48' 47" (LT)
D = 0° 54' 15"
R = 6,337.83'
T = 377.26'
L = 753.63'
E = 11.22'
P.C. STA. = 104+99.26
P.T. STA. = 112+52.89
S.E. = N.C.

STATE OF ILLINOIS

POT Sta 111+22.35
10' CONC
15" CMP
C&G TBR
SW TBR
18" PVC
+76.2
PVMT TBR
HMA
12" RCP
℄ N 54TH ST
MATCH LINE STA 106+00.00
106
10+00
STA 106+45.68 (IL 104)
POT STA 10+00.00 (N 54TH ST)
℄ IL 104
MEDIAN TBR
+25.2
STA 106+40.00 (IL 104)
POT STA 10+00.00 (S 54TH ST)
+67.4
C&G TBR
CONC
℄ S 54TH ST
PVMT TBR
+04.9
INLET ADJ
+29.8
C&G TBR
+22.3
PVMT TBR
HMA
9
12" RCP
12" CMP
HMA
107
108
109
110+00
111
Pl Sta 108+76.52
12" RCP
HMA
MATCH LINE STA 112+00.00
STATE OF ILLINOIS

N

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: P:\Quincy\27files\270146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\0672795-sht-removal 13.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

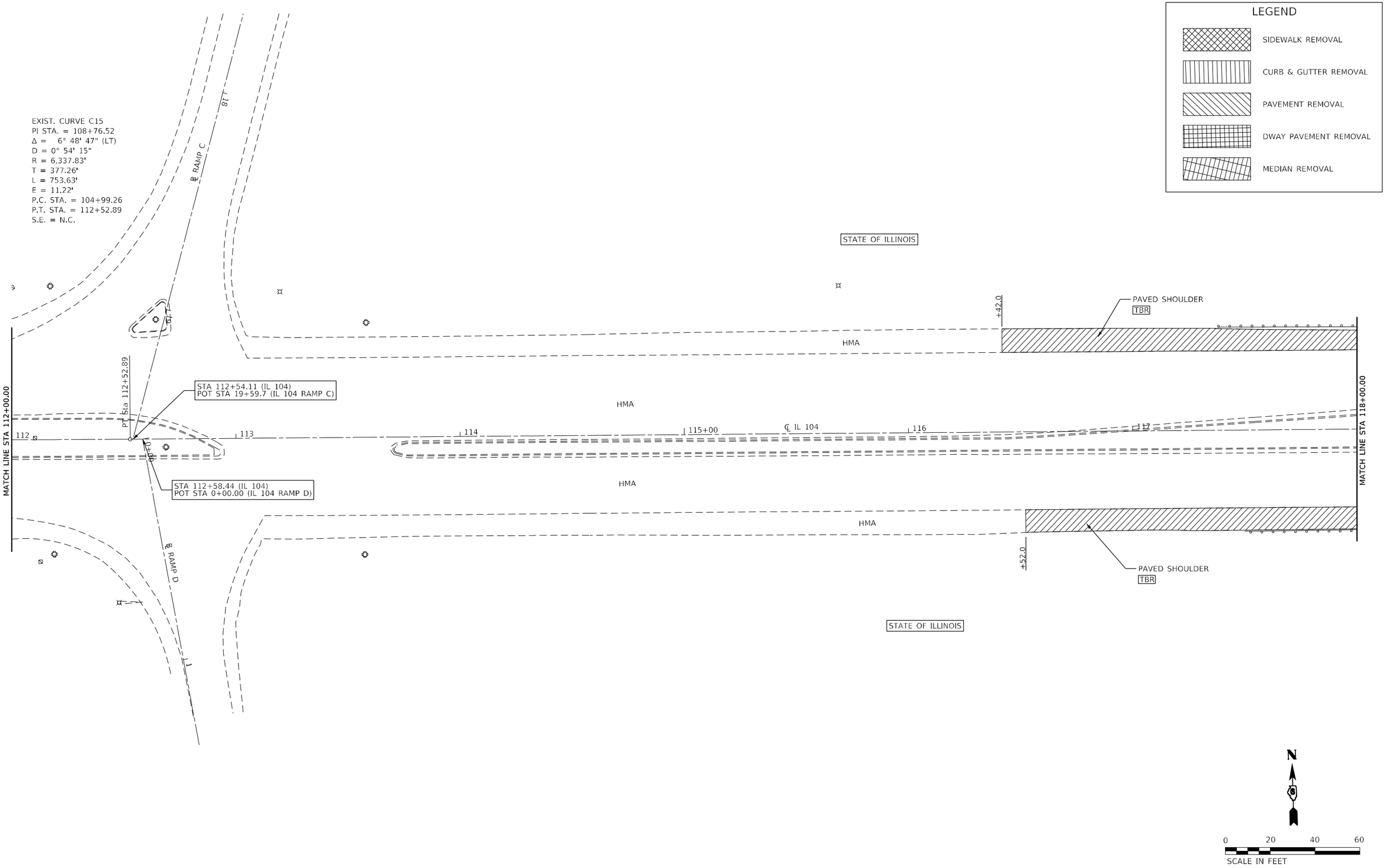
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 13 OF 19 SHEETS | STA. 106+00.00 TO STA. 112+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	67
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



MODEL: Default
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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 14 OF 19 SHEETS | STA. 112+00.00 TO STA. 118+00.00

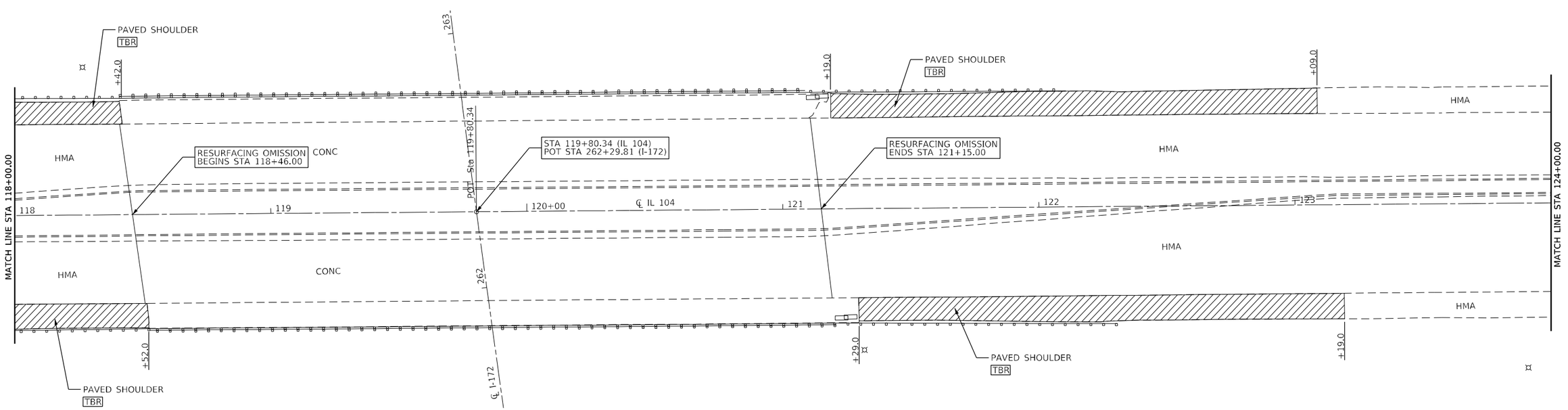
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	68
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

STATE OF ILLINOIS



STATE OF ILLINOIS

N

0 20 40 60

SCALE IN FEET

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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

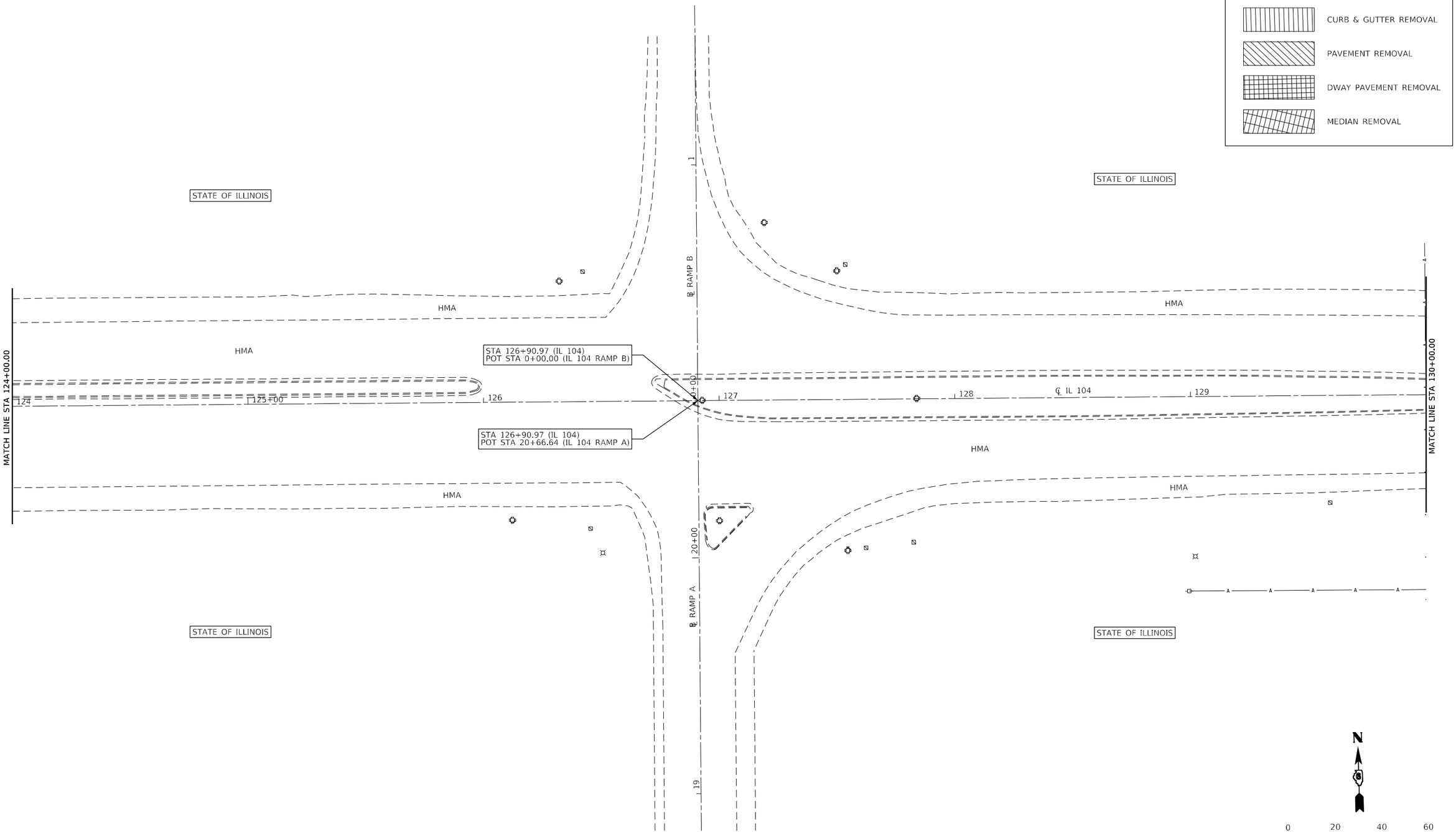
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 15 OF 19 SHEETS | STA. 118+00.00 | TO STA. 124+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	69
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR


LEGEND
SIDEWALK REMOVAL
CURB & GUTTER REMOVAL
PAVEMENT REMOVAL
DWAY PAVEMENT REMOVAL
MEDIAN REMOVAL
STATE OF ILLINOIS
STATE OF ILLINOIS
STATE OF ILLINOIS
STATE OF ILLINOIS
HMA
HMA
HMA

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

ARMSTRONG, JEFFERY
19-0-1048-000-00

MITCHELL, RICHARD
19-0-1044-000-00

STATE OF ILLINOIS

℄ COUNTY RD 1000 E

HMA

12" PVC

4" PVC

PE AGG

PE CONC

MATCH LINE STA 130+00.00

130+00

131

132

10+00

133

℄ IL 104

134

135+00

MATCH LINE STA 136+00.00

STA 132+47.03 (IL 104)
POT STA 10+00.00 (COUNTY RD 1000 E)

C&G
TBR

+92.5

+62.4

+70.8

CONC

PVMT
TBR

MEDIAN
TBR

+21.4

SW
TBR

STATE OF ILLINOIS

N

0 20 40 60
SCALE IN FEET

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 17 OF 19 SHEETS | STA. 130+00.00 TO STA. 136+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	71
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

REDMAN, WILLIAM & ANGELA
19-0-1037-000-00

KIRLIN, DORITA
19-0-1030-000-00

CHRISTNER, GERALD
19-0-1024-000-00

CRABTREE, EMILY,
NEW COVENANT PROPERTIES
19-0-1043-001-00

POT Sta 11+00.52

HMA

12" RCP

12" PVC

AGG

PE CONC

AGG

PE CONC

12" PVC

27" RCP

15" PVC

℄ HICKORY GROVE CENTER

MATCH LINE STA 136+00.00

STA 136+44.92 (IL 104)
POT STA 10+00.00 (61ST ST)

136 137 138 139 ℄ IL 104 140+00 141

10+00

HMA

STA 141+10.90 (IL 104)
POT STA 10+00.00 (HICKORY GROVE CENTER)

MATCH LINE STA 142+00.00

℄ 61ST ST

9+69.3

+13.8 CONC +64.5 MEDIAN TBR SW TBR C&G TBR +34.1 PVMT TBR

CONC

AGG

+63.5 +75.4 MEDIAN TBR +37.3 PVMT TBR

DRIVEWAY CONC

C&G TBR +95.8 SW TBR

CONC +12.4 +19.9 C&G TBR +25.9 SW TBR +16.0

CONC DITCH

12" PVC CONC

12" PVC CONC

12" PVC

12" PVC

48" RCP

27" RCP

27" RCP

STATE OF ILLINOIS

N

0 20 40 60

SCALE IN FEET

MODEL: Default
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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 18 OF 19 SHEETS | STA. 136+00.00 TO STA. 142+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	72
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND

- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

CHRISTNER, GERALD
19-0-1024-000-00

THOMAS, ROLLIE
19-0-1017-000-00

LAUNER, KEVIN
19-0-1011-000-00

STEPHENS, RICHARD
19-0-0947-000-00

POT Sta 10+94.99

HMA

12" PVC

PI Sta 143+05.96

4" PVC

℄ HICKORY GROVE

STA 144+32.56 (IL 104)
POT STA 10+00.00 (HICKORY GROVE)

STA 145+96.36 (IL 104)
POT STA 10+00.00 (63RD ST)

END IMPROVEMENT
STA. 147+32.00

MATCH LINE STA 142+00.00

142 | 143 | ℄ IL 104 | 144 | 145+00 | 146 | 147

42" RCP

CONC

+06.6

18.7

C&G
TBR

PVMT
TBR

+70.9

+88.0

+71.4

MEDIAN
TBR

DELINEATOR
TBR

SW
TBR

+46.6

+38.8

HMA +33.8

+33.9

+22.5

CHARLES & KATHIE MARX, TRUST
23-9-0119-010-00

REMOVE AND RELOCATE
SIGN PANEL

JUDITH SCHUTTE, ET AL
20-0-0112-000-00

REMOVE AND RELOCATE SIGN PANEL

℄ 63RD ST

POT Sta 8+75.83

N

0 20 40 60
SCALE IN FEET

MODEL: Default
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616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

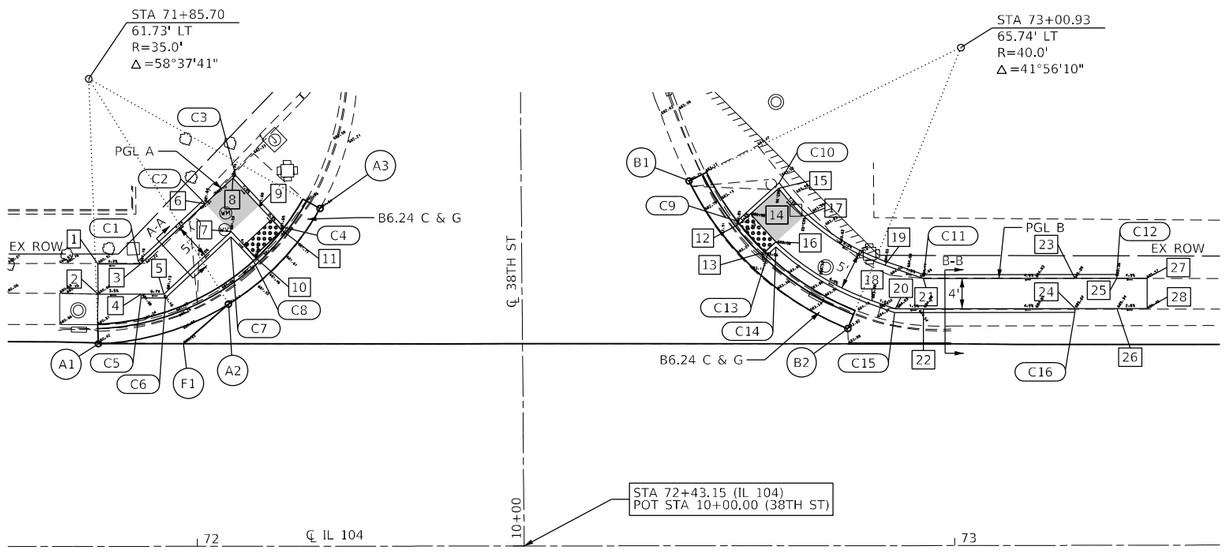
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

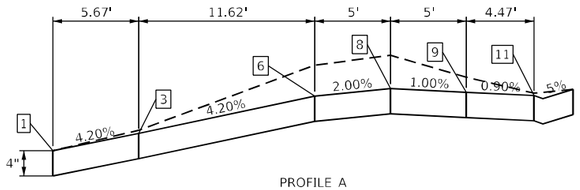
FAP RTE 745 (IL 104)
REMOVAL PLAN

SCALE: 1"=20' | SHEET 19 OF 19 SHEETS | STA. 142+00.00 | TO STA. 147+32.00

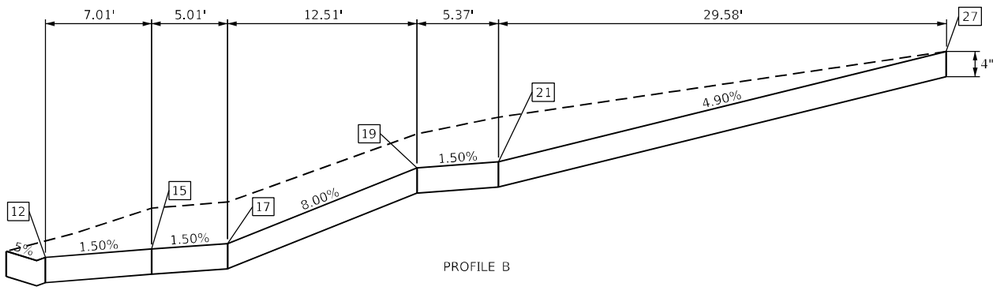
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	73
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

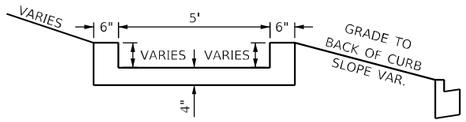




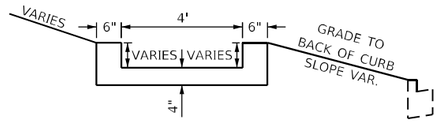
PROFILE A



PROFILE B



SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS

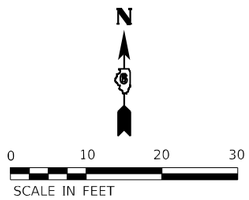
38TH STREET
N.W. & N.E. QUADRANTS

LEGEND

LANDING

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

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.



SIDEWALK ELEVATIONS
38TH ST - N.W. QUADRANT

POINT	IL 104-38TH ST		ELEVATION
	STATION	OFFSET	
1	71+86.91	37.30' LT	680.92 *
2	71+86.91	33.30' LT	680.88 *
3	71+92.58	37.30' LT	681.15
4	71+92.58	33.30' LT	681.08
5	71+95.62	33.30' LT	681.10
6	72+01.09	45.22' LT	681.64
7	72+04.50	41.56' LT	681.59
8	72+04.75	48.63' LT	681.74
9	72+08.16	44.97' LT	681.69
10	72+07.80	38.01' LT	681.40
11	72+11.20	41.70' LT	681.65

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
38TH ST - N.E. QUADRANT

POINT	IL 104-38TH ST		ELEVATION
	STATION	OFFSET	
12	72+71.61	42.47' LT	682.85
13	72+74.98	38.77' LT	683.06
14	72+73.10	43.81' LT	682.88
15	72+76.82	47.18' LT	682.96
16	72+76.46	40.11' LT	683.08
17	72+80.18	43.48' LT	683.03
18	72+89.16	32.33' LT	683.98
19	72+90.82	37.05' LT	684.03
20	72+92.20	31.26' LT	684.03
21	72+95.89	35.26' LT	684.11
22	72+95.89	31.26' LT	684.09
23	73+15.90	35.26' LT	685.09
24	73+15.90	31.26' LT	685.07
25	73+15.90	31.26' LT	685.36
26	73+21.48	31.26' LT	685.34
27	73+25.48	35.26' LT	685.57 *
28	73+25.48	31.26' LT	685.45 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 38TH ST.

POINT	IL 104		38TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	71+86.96	26.75' LT	10+27.17	55.99' LT	680.42 *
A2	72+04.15	31.98' LT	10+32.27	38.77' LT	681.14 *
A3	72+16.23	44.59' LT	10+44.79	26.59' LT	681.94 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 38TH ST.

POINT	IL 104		38TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	72+64.97	48.17' LT	10+48.01	22.16' RT	682.73 *
B2	72+85.92	28.65' LT	10+28.35	42.97' RT	683.82 *

*MATCH EX ELEVATION

PAVEMENT ELEVATIONS
IL 104 - 38TH ST.

POINT	IL 104		38TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
F1	71+98.16	26.75' LT	10+27.10	44.78' LT	680.93 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 38TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	681.15	0"
C2	682.14	6"
C3	682.24	6"
C4	682.15	6"
C5	681.08	0"
C6	681.60	6"
C7	682.09	6"
C8	681.90	6"

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 38TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C9	683.35	6" *
C10	683.46	6" *
C11	684.61	6" *
C12	685.36	0" *
C13	683.56	6"
C14	683.58	6"
C15	684.53	6"
C16	685.07	0"

*MATCH EX GROUND ELEVATION

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Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
N 38TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 1 OF 12 SHEETS | STA. 71+75.00 TO STA. 73+35.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	74
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

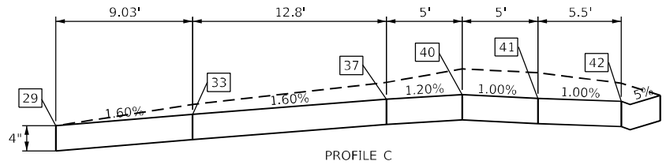
38TH STREET
S.W. & S.E. QUADRANTS

LEGEND

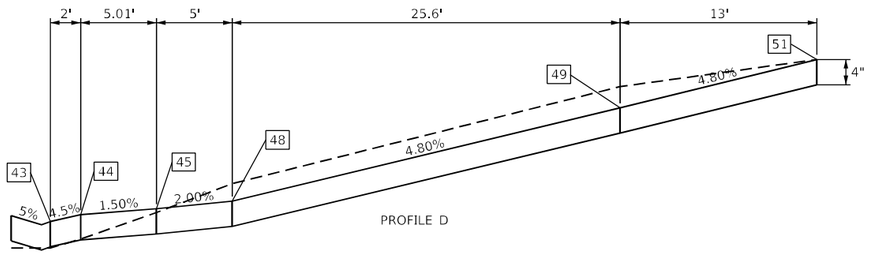
LANDING

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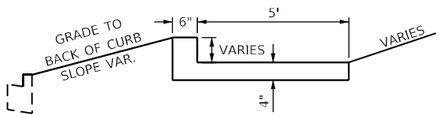
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.



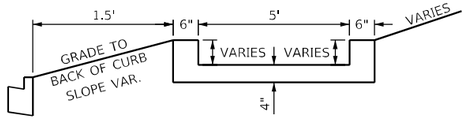
PROFILE C



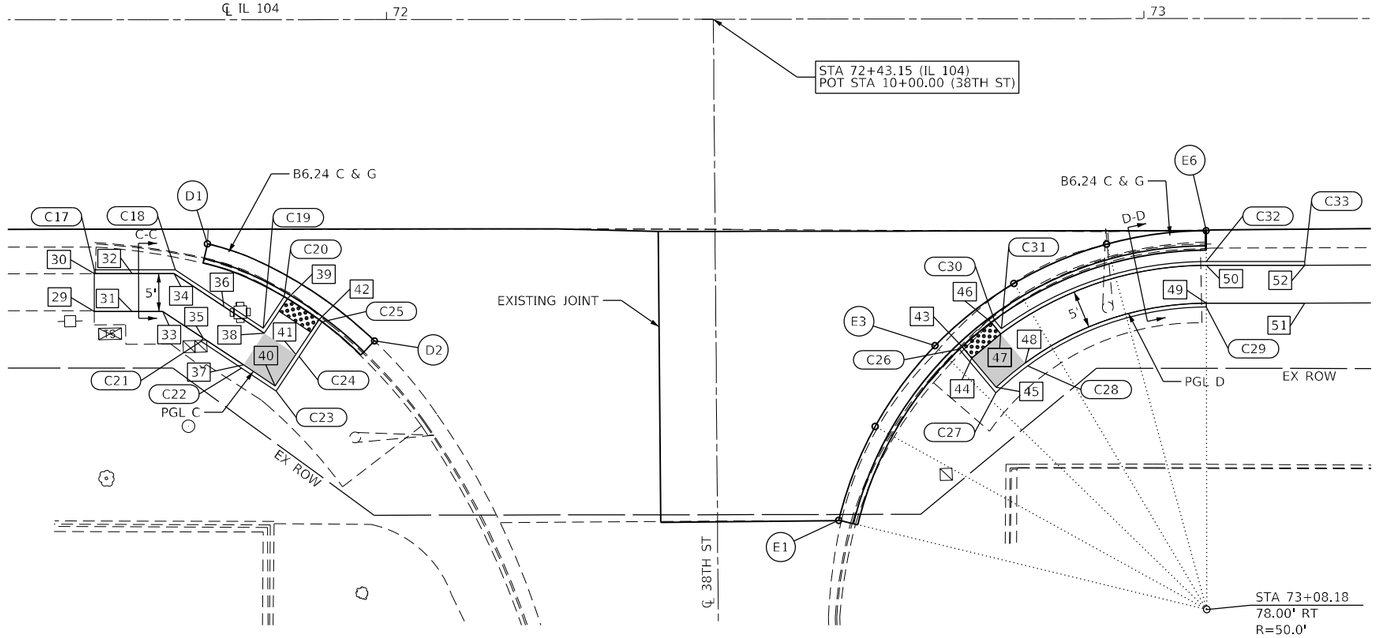
PROFILE D



SECTION C-C
+ SEE TABLES FOR CURB ELEVATIONS



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS



SIDEWALK ELEVATIONS
38TH ST - S.W. QUADRANT

POINT	IL 104-38TH ST		ELEVATION
	STATION	OFFSET	
29	71+61.42	38.51' RT	679.67 *
30	71+61.42	33.51' RT	679.48 *
31	71+66.42	38.51' RT	679.76
32	71+66.42	33.51' RT	679.66
33	71+70.45	38.51' RT	679.82
34	71+71.95	33.51' RT	679.77
35	71+75.78	42.05' RT	679.92
36	71+78.54	37.89' RT	679.88
37	71+81.11	45.59' RT	680.02
38	71+83.87	41.42' RT	679.97
39	71+86.91	36.84' RT	679.91
40	71+85.27	48.35' RT	680.08
41	71+88.04	44.19' RT	680.03
42	71+91.08	39.61' RT	679.99

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 38TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C17	679.48	0"
C18	680.27	6"
C19	680.47	6"
C20	680.41	6"
C21	679.92	0" *
C22	680.52	6" +
C23	680.58	6" *
C24	680.53	6"
C25	680.49	6"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
38TH ST - S.E. QUADRANT

POINT	IL 104-38TH ST		ELEVATION
	STATION	OFFSET	
43	72+75.94	43.25' RT	683.01
44	72+77.23	44.78' RT	683.10
45	72+80.43	48.63' RT	683.18
46	72+79.78	40.04' RT	683.17
47	72+81.06	41.58' RT	683.20
48	72+84.27	45.43' RT	683.28
49	73+08.18	37.58' RT	684.51
50	73+08.18	32.58' RT	684.48
51	73+21.18	37.58' RT	685.15
52	73+21.18	32.58' RT	685.07

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 38TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C26	683.51	6"
C27	683.68	6" +
C28	683.78	6" *
C29	684.51	0" *
C30	683.67	6"
C31	683.70	6"
C32	684.98	6"
C33	685.07	0"

+MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 38TH ST.

POINT	IL 104		38TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	71+76.35	29.60' RT	9+70.91	67.03' LT	679.55 *
D2	71+98.39	42.42' RT	9+57.92	45.09' LT	680.09 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 38TH ST.

POINT	IL 104		38TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	72+59.64	66.16' RT	9+33.73	16.01' RT	681.01 *
E2	72+64.46	53.79' RT	9+46.06	20.92' RT	682.04
E3	72+72.37	43.13' RT	9+56.66	28.91' RT	682.97
E4	72+82.80	34.93' RT	9+64.79	39.40' RT	683.39
E5	72+95.03	29.76' RT	9+69.87	51.67' RT	683.79
E6	73+08.18	28.00' RT	9+71.54	64.84' RT	684.18 *

*MATCH EX ELEVATION

38TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+33.66	7.50' LT	680.56 *	14.50' RT	680.99 *
9+56.00	7.50' LT	681.29 +	14.50' RT	682.28
9+72.00	7.50' LT	681.65 *	14.50' RT	682.42 *

*MATCH EX ELEVATION

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

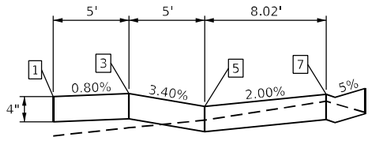
FAP RTE 745 (IL 104)
S 38TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 2 OF 12 SHEETS | STA. 71+50.00 | TO STA. 73+30.00

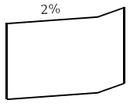
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	75
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

CARDINAL TER
S.W. & S.E. QUADRANTS

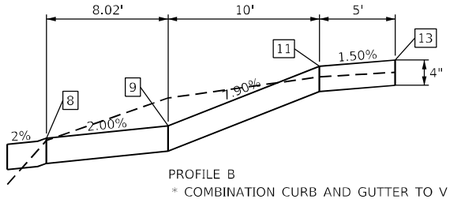


PROFILE A



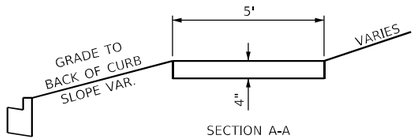
DRY CURB DETAIL

* DRY CURB TO WET CURB TRANSITION LENGTH = 5'



PROFILE B

* COMBINATION CURB AND GUTTER TO V GUTTER TRANSITION LENGTH = 10'



SECTION A-A
SECTION B-B

* SEE TABLES FOR CURB ELEVATIONS

SIDEWALK ELEVATIONS
CARDINAL TER - S.W. QUADRANT

POINT	IL 104-CARDINAL TER		ELEVATION
	STATION	OFFSET	
1	90+58.99	36.58' RT	667.19
2	90+58.99	31.58' RT	667.11
3	90+63.99	36.58' RT	667.23
4	90+63.99	31.58' RT	667.15
5	90+68.99	36.58' RT	667.06
6	90+68.99	31.58' RT	666.98
7	90+77.00	36.58' RT	667.22

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - CARDINAL TER

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	667.06	0"
C2	667.72	6"
C3	667.15	0"
C4	667.48	6"

SIDEWALK ELEVATIONS
CARDINAL TER - S.E. QUADRANT

POINT	IL 104-CARDINAL TER		ELEVATION
	STATION	OFFSET	
8	91+25.58	36.58' RT	668.59
9	91+33.60	36.58' RT	668.75
10	91+33.60	31.58' RT	668.79
11	91+43.60	36.58' RT	669.54
12	91+43.60	31.58' RT	669.46
13	91+48.60	36.58' RT	669.62
14	91+48.60	31.58' RT	669.54

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - CARDINAL TER

POINT	TOP CURB ELEVATION	CURB HEIGHT
C5	669.09	6"
C6	669.25	6"
C7	669.54	0"
C8	669.29	6"
C9	669.46	0"

LEGEND

LANDING

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

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - CARDINAL TER

POINT	IL 104		CARDINAL TER ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	91+15.28	80.05' RT	9+19.00	12.50' LT	670.18 *
B2	91+13.94	58.90' RT	9+40.19	12.50' LT	669.15
B3	91+14.91	49.19' RT	9+49.82	14.09' LT	668.71
B4	91+18.95	40.30' RT	9+58.43	18.68' LT	668.42
B5	91+21.44	37.08' RT	9+61.49	21.37' LT	668.44
B6	91+25.63	33.18' RT	9+65.11	25.80' LT	668.55
B7	91+28.77	31.08' RT	9+67.01	29.06' LT	668.63
B8	91+32.63	29.19' RT	9+68.66	33.04' LT	668.71
B9	91+34.25	28.59' RT	9+69.15	34.69' LT	668.75
B10	91+43.88	27.00' RT	9+70.13	44.40' LT	668.99
B11	91+48.00	27.00' RT	9+69.87	48.51' LT	669.12

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - CARDINAL TER

POINT	IL 104		CARDINAL TER ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	90+45.00	27.00' RT	9+76.39	54.28' LT	666.32
A2	90+58.71	27.00' RT	9+75.52	40.60' LT	666.70
A3	90+67.61	28.35' RT	9+73.61	31.80' LT	666.96
A4	90+73.82	31.08' RT	9+70.49	25.78' LT	667.16
A5	90+75.72	32.29' RT	9+69.16	23.96' LT	667.20
A6	90+81.14	37.08' RT	9+64.04	18.85' LT	667.35
A7	90+82.29	38.46' RT	9+62.59	17.79' LT	667.40
A8	90+86.73	46.30' RT	9+54.49	13.85' LT	667.77
A9	90+88.65	55.10' RT	9+45.58	12.50' LT	668.41
A10	90+90.33	81.63' RT	9+19.00	12.50' LT	670.18 *

*MATCH EX ELEVATION

CARDINAL TER CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+19.00	12.50' LT	670.18 *	℄	670.39 *	12.50' RT	670.18 *
9+62.00	12.50' LT	667.55	℄	667.90	12.50' RT	668.19
9+68.00	12.50' LT	667.46	℄	667.81	12.50' RT	668.17
9+72.95	12.50' LT	667.38	℄	667.73	12.50' RT	668.09

*MATCH EX ELEVATION

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

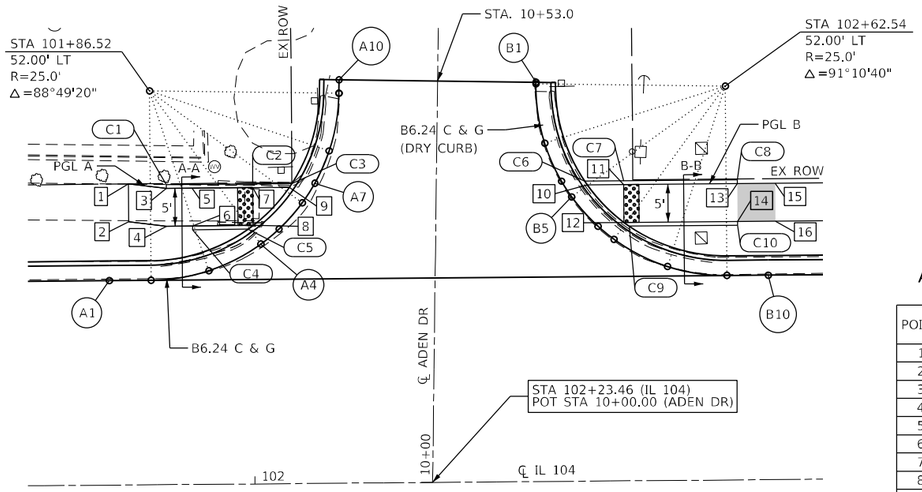
FAP RTE 745 (IL 104)
CARDINAL TER
GEOMETRIC DETAILS

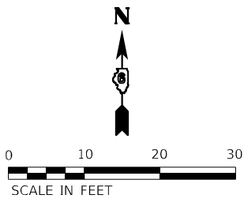
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	76
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

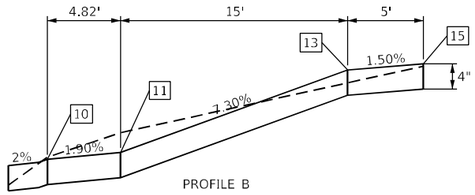
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

ADEN DR
N.W. & N.E. QUADRANTS

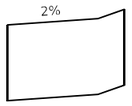




PROFILE A

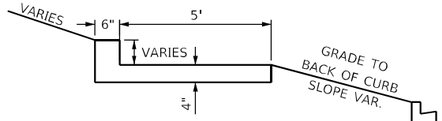


PROFILE B

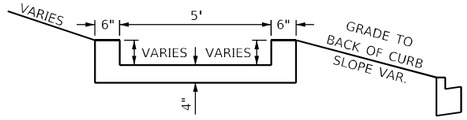


DRY CURB DETAIL

* DRY CURB TO WET CURB TRANSITION LENGTH = 5'



SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS

LEGEND

LANDING

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

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

SIDEWALK ELEVATIONS
ADEN DR - N.W. QUADRANT

POINT	IL 104-ADEN DR		ELEVATION
	STATION	OFFSET	
1	101+83.62	39.73' LT	715.33 *
2	101+83.62	34.73' LT	715.29 *
3	101+88.62	39.12' LT	715.27
4	101+88.62	34.12' LT	715.19
5	101+92.05	39.12' LT	715.24
6	101+92.05	34.12' LT	715.16
7	102+00.05	39.12' LT	715.16
8	102+00.05	34.12' LT	715.08
9	102+04.87	39.12' LT	715.23

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - ADEN DR

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	715.27	0"
C2	715.66	6"
C3	715.73	6"
C4	715.16	0"
C5	715.58	6"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
ADEN DR - N.E. QUADRANT

POINT	IL 104-ADEN DR		ELEVATION
	STATION	OFFSET	
10	102+44.19	39.12' LT	716.67
11	102+49.01	39.12' LT	716.76
12	102+49.01	34.12' LT	716.82
13	102+64.01	39.12' LT	717.85
14	102+64.01	34.12' LT	717.77
15	102+69.01	39.12' LT	717.93
16	102+69.01	34.12' LT	717.85

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - ADEN DR

POINT	TOP CURB ELEVATION	CURB HEIGHT
C6	717.16	6"
C7	717.25	6" *
C8	717.85	6" *
C9	717.32	6"
C10	717.77	0"

*MATCH EX GROUND ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - ADEN DR

POINT	IL 104		ADEN DR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	102+37.55	52.72' LT	10+53.00	13.00' RT	716.77 *
B2	102+37.54	52.51' LT	10+52.79	13.00' RT	716.77
B3	102+38.64	44.67' LT	10+44.97	14.26' RT	716.63
B4	102+40.81	39.62' LT	10+39.97	16.54' RT	716.54
B5	102+42.13	37.56' LT	10+37.93	17.90' RT	716.59
B6	102+45.58	33.62' LT	10+34.07	21.43' RT	716.69
B7	102+47.68	31.90' LT	10+32.39	23.56' RT	716.75
B8	102+54.71	28.26' LT	10+28.89	30.67' RT	716.98
B9	102+62.54	27.00' LT	10+27.80	38.51' RT	717.22
B10	102+68.00	27.00' LT	10+27.91	43.98' RT	717.37

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - ADEN DR

POINT	IL 104		ADEN DR		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	101+81.00	27.00' LT	10+26.12	43.00' LT	714.33
A2	101+86.52	27.00' LT	10+26.23	37.49' LT	714.55
A3	101+94.15	28.19' LT	10+27.58	29.88' LT	714.79
A4	102+01.05	31.65' LT	10+31.19	23.06' LT	715.10
A5	102+03.47	33.62' LT	10+33.21	20.67' LT	715.19
A6	102+06.56	37.06' LT	10+36.70	17.65' LT	715.28
A7	102+08.24	39.62' LT	10+39.30	16.03' LT	715.34
A8	102+10.17	43.88' LT	10+43.60	14.19' LT	715.64
A9	102+11.51	51.49' LT	10+51.23	13.00' LT	716.19
A10	102+11.55	53.26' LT	10+53.00	13.00' LT	716.30 *

*MATCH EX ELEVATION

ADEN DR CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.00	13.00' LT	715.42 *	℄	715.89 *	13.00' RT	716.35
10+40.00	13.00' LT	715.43	℄	715.95	13.00' RT	716.47
10+53.00	13.00' LT	716.30 *	℄	716.55 *	13.00' RT	716.77 *

*MATCH EX ELEVATION

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USER NAME = mrich	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

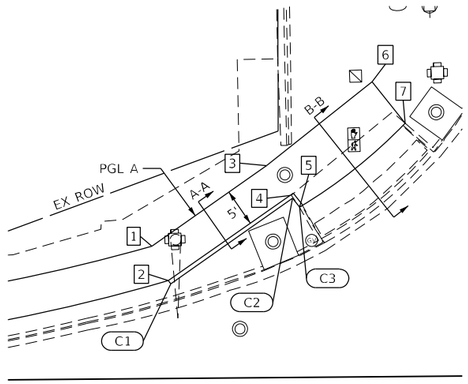
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ADEN DR
GEOMETRIC DETAILS

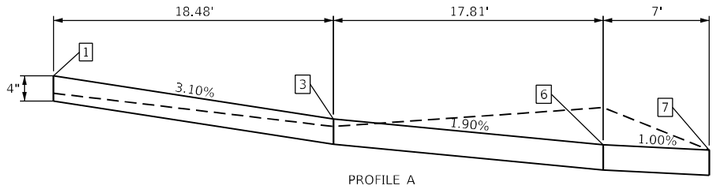
SCALE: 1"=10' | SHEET 4 OF 12 SHEETS | STA. 101+70.00 TO STA. 102+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	77
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

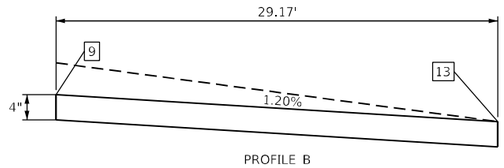
* 103RS-14,TS-3, (1-5HB3)BJR,BDR



48TH STREET
N.W. & S.W. QUADRANTS



PROFILE A



PROFILE B

LEGEND

LANDING

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

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

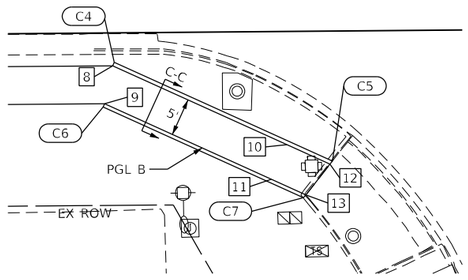
SIDEWALK ELEVATIONS
48TH ST - N.W. QUADRANT

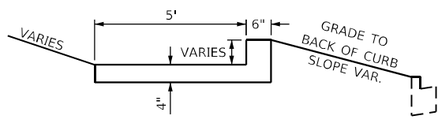
POINT	IL 104-48TH ST		ELEVATION
	STATION	OFFSET	
1	114+59.41	44.51' LT	722.97
2	114+61.55	39.92' LT	722.90
3	114+74.63	54.98' LT	722.40
4	114+77.72	51.03' LT	722.35
5	114+78.94	49.46' LT	722.33 *
6	114+88.66	65.95' LT	722.06
7	114+92.97	60.44' LT	721.99 *

*MATCH EX ELEVATION

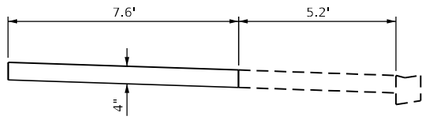
CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 48TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	722.90	0"
C2	722.85	6"
C3	722.33	0"

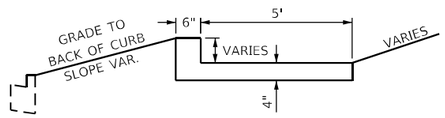




SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS

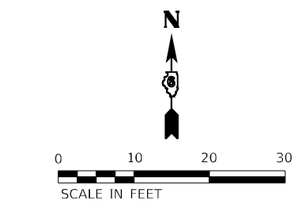
SIDEWALK ELEVATIONS
48TH ST - S.W. QUADRANT

POINT	IL 104-48TH ST		ELEVATION
	STATION	OFFSET	
8	114+53.59	31.58' RT	722.98
9	114+52.49	36.58' RT	723.05
10	114+76.52	42.20' RT	722.68
11	114+74.42	46.73' RT	722.76
12	114+82.17	44.81' RT	722.57 *
13	114+78.96	48.83' RT	722.70 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 48TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C4	722.98	0"
C5	723.40	6"
C6	723.05	0"
C7	723.53	6"



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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

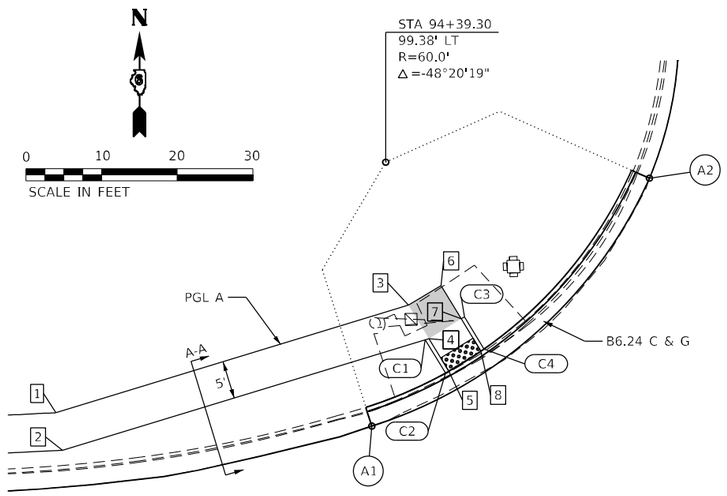
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

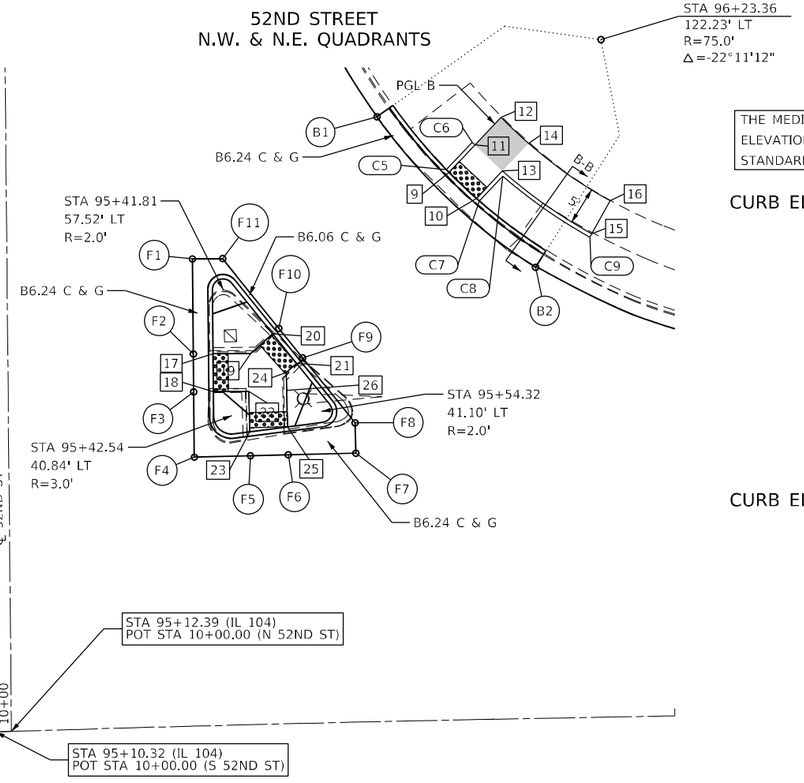
FAP RTE 745 (IL 104)
48TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 5 OF 12 SHEETS | STA. 114+40.00 | TO STA. 115+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	78
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3, (1-5HB3)BJR.BDR





LEGEND

LANDING

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

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THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

CURB ELEVATIONS - N.W. QUADRANT IL 104 - 52ND ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	733.84	0"
C2	733.93	6"
C3	733.82	0"
C4	733.91	6"

SIDEWALK ELEVATIONS 52ND ST - N.W. QUADRANT

POINT	IL 104-52ND ST		ELEVATION
	STATION	OFFSET	
1	94+13.55	45.08' LT	733.71
2	94+14.17	40.08' LT	733.64
3	94+60.25	57.22' LT	733.92
4	94+62.74	52.71' LT	733.84
5	94+65.17	48.31' LT	733.43
6	94+64.57	59.66' LT	733.87
7	94+67.06	55.15' LT	733.82
8	94+69.48	50.78' LT	733.41

CURB ELEVATIONS - N.W. QUADRANT IL 104 - 52ND ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C5	733.95	6"
C6	733.85	0"
C7	734.06	6"
C8	734.46	6"
C9	734.40	0"

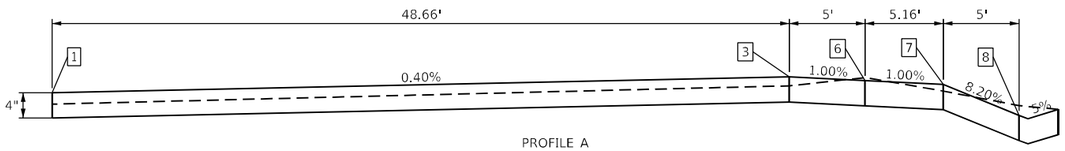
SIDEWALK ELEVATIONS 52ND ST - N.E. QUADRANT

POINT	IL 104-52ND ST		ELEVATION
	STATION	OFFSET	
9	95+71.64	72.31' LT	733.45
10	95+75.16	68.79' LT	733.56
11	95+75.12	75.87' LT	733.86
12	95+78.59	79.43' LT	733.92
13	95+78.63	72.36' LT	733.96
14	95+82.11	75.92' LT	734.02
15	95+90.14	63.82' LT	734.40 *
16	95+92.62	68.15' LT	734.46 *

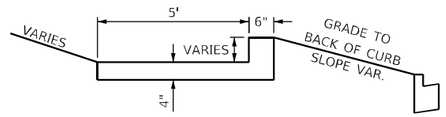
*MATCH EX ELEVATION

SIDEWALK ELEVATIONS 52ND ST - NB MEDIAN

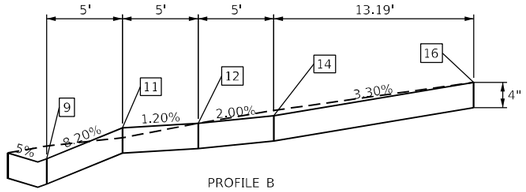
POINT	IL 104-52ND ST		ELEVATION
	STATION	OFFSET	
17	95+40.27	49.07' LT	734.19
18	95+40.19	44.07' LT	734.24
19	95+45.22	48.99' LT	734.21
20	95+48.15	51.50' LT	734.09
21	95+51.18	47.54' LT	734.22
22	95+44.85	44.00' LT	734.27
23	95+44.85	38.66' LT	734.25
24	95+49.81	46.36' LT	734.27
25	95+49.81	39.19' LT	734.30
26	95+49.81	44.00' LT	734.31



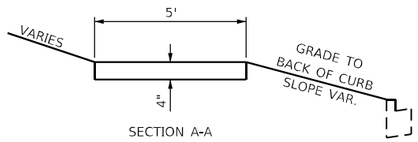
PROFILE A



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



PROFILE B



SECTION A-A

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT IL 104 - 52ND ST

POINT	IL 104		N 52ND ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	94+54.82	41.47' LT	10+39.95	58.84' LT	733.53 *
A2	94+92.29	72.80' LT	10+72.32	21.88' LT	733.35 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT IL 104 - 52ND ST

POINT	IL 104		N 52ND ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	95+62.43	79.83' LT	10+80.66	49.04' RT	733.26 *
B2	95+82.72	59.54' LT	10+60.60	69.79' RT	733.94 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - NB MEDIAN IL 104 - 52ND ST.

POINT	IL 104		N 52ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
F1	95+37.92	61.67' LT	10+62.14	24.50' RT	733.92 ^
F2	95+37.71	49.11' LT	10+49.58	24.50' RT	734.11 ˇ
F3	95+37.63	44.11' LT	10+44.58	24.50' RT	734.16 ^
F4	95+37.49	35.50' LT	10+35.97	24.50' RT	734.20 ˇ
F5	95+44.85	35.50' LT	10+36.09	31.90' RT	734.29 ^
F6	95+49.82	35.50' LT	10+36.16	36.90' RT	734.34 ^
F7	95+58.68	35.50' LT	10+36.29	45.82' RT	734.44 ˇ
F8	95+58.68	39.50' LT	10+40.29	45.77' RT	734.33 ^
F9	95+52.00	48.24' LT	10+48.93	38.92' RT	734.17 ^
F10	95+48.97	52.21' LT	10+52.86	35.81' RT	734.04 ^
F11	95+41.88	61.60' LT	10+62.14	28.50' RT	733.90 ^

*MATCH EX ELEVATION

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
N 52ND ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 6 OF 12 SHEETS | STA. 94+05.00 | TO STA. 96+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	79
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

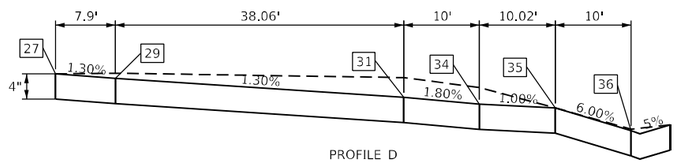
52ND STREET
S.W. & S.E. QUADRANTS

LEGEND

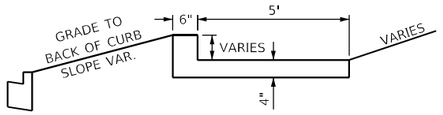
LANDING

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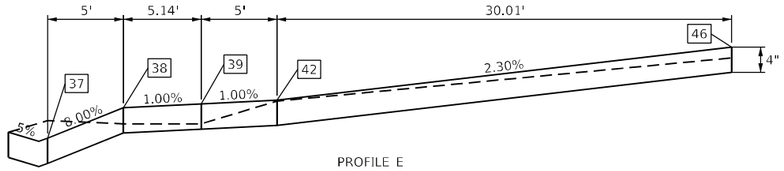
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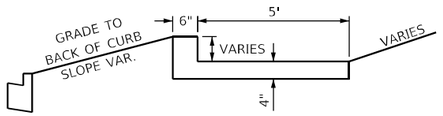
PROFILE D



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS



PROFILE E



SECTION E-E
* SEE TABLES FOR CURB ELEVATIONS

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 52ND ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C10	733.59	0"
C11	733.84	6"
C12	733.54	6"
C13	733.25	0"
C14	733.45	6"

SIDEWALK ELEVATIONS
52ND ST - S.W. QUADRANT

POINT	IL 104-52ND ST		ELEVATION
	STATION	OFFSET	
27	94+27.19	44.99' RT	733.70 *
28	94+27.20	39.99' RT	733.61 *
29	94+31.16	44.99' RT	733.64
30	94+32.53	39.99' RT	733.59
31	94+47.74	54.58' RT	733.39
32	94+50.64	50.47' RT	733.34
33	94+53.53	46.38' RT	733.04
34	94+51.88	57.45' RT	733.30
35	94+54.78	53.34' RT	733.25
36	94+57.67	49.24' RT	732.95

*MATCH EX ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 52ND ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C15	734.01	6"
C16	733.91	0"
C17	734.16	6"
C18	734.46	6"
C19	734.53	0"

SIDEWALK ELEVATIONS
52ND ST - S.E. QUADRANT

POINT	IL 104-52ND ST		ELEVATION
	STATION	OFFSET	
37	95+48.12	53.10' RT	733.51
38	95+51.25	57.02' RT	733.91
39	95+54.48	61.05' RT	733.96
40	95+52.07	50.00' RT	733.66
41	95+55.21	53.91' RT	733.96
42	95+58.43	57.94' RT	734.01
43	95+80.11	42.23' RT	734.53
44	95+82.27	46.75' RT	734.61
45	95+84.65	40.08' RT	734.64
46	95+85.79	45.08' RT	734.71

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 52ND ST

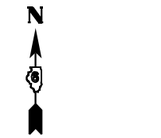
POINT	IL 104		S 52ND ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	94+34.91	36.51' RT	9+61.22	74.01' LT	733.25 *
D2	94+70.16	58.24' RT	9+40.68	38.34' LT	732.86 *

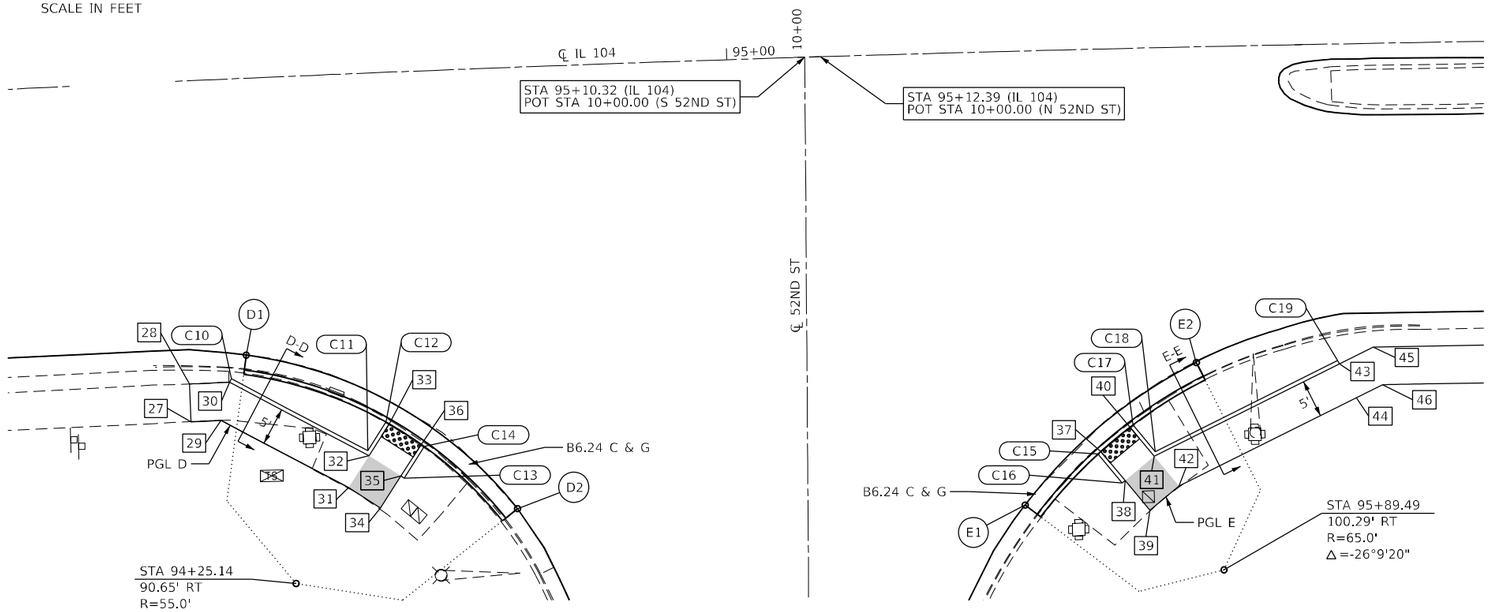
*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 52ND ST

POINT	IL 104		S 52ND ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	95+37.85	59.93' RT	9+40.67	28.67' RT	733.27 *
E2	95+61.11	41.66' RT	9+59.33	51.41' RT	734.03 *

*MATCH EX ELEVATION





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PLOT DATE = 12/23/2025 | CHECKED - | REVISED -
DATE - | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

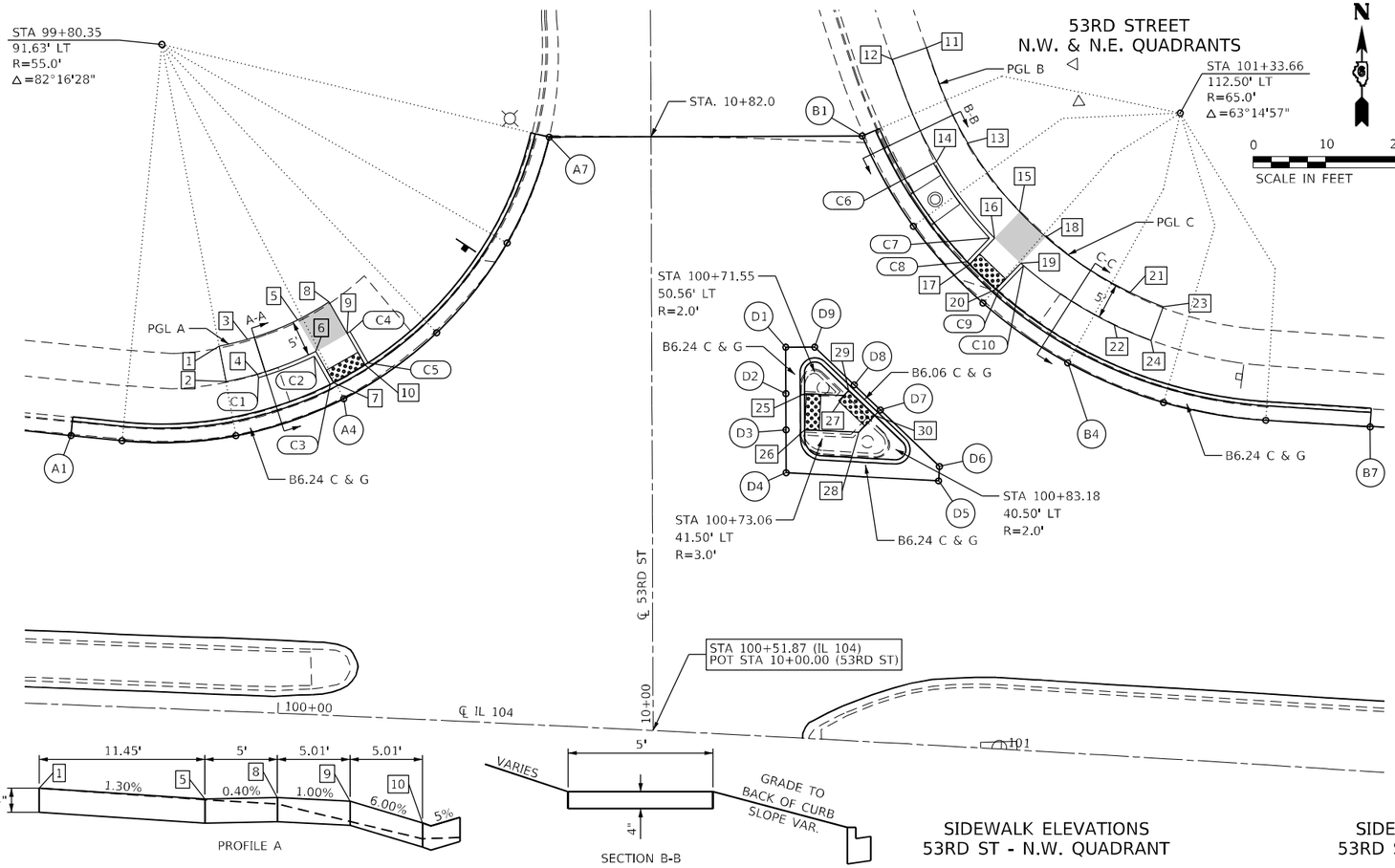
FAP RTE 745 (IL 104)
S 52ND ST
GEOMETRIC DETAILS

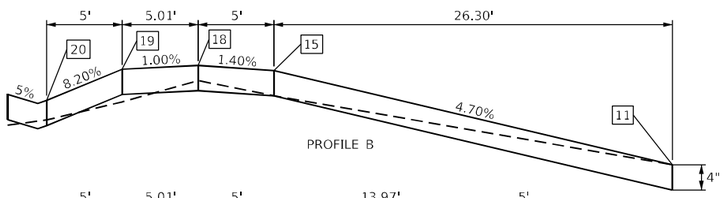
SCALE: 1"=10' | SHEET 7 OF 12 SHEETS | STA. 94+05.00 | TO STA. 96+00.00

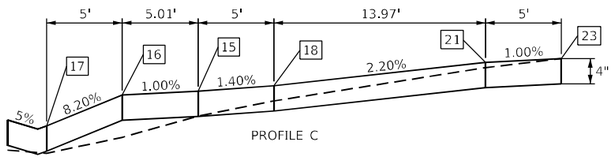
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	80
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

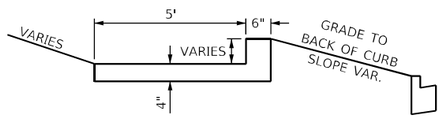
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* SEE TABLES FOR CURB ELEVATIONS

LEGEND

LANDING

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CURB ELEVATIONS - N.W. QUADRANT IL 104 - 53RD ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	733.64	0"
C2	734.07	6"
C3	733.77	6"
C4	733.59	0"
C5	733.79	6"

CURB ELEVATIONS - N.E. QUADRANT IL 104 - 53RD ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C6	733.19	0"
C7	734.28	6"
C8	733.87	6"
C9	733.94	6"
C10	733.85	0"

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT IL 104 - 53RD ST

POINT	IL 104		53RD ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	99+70.00	37.17' LT	10+41.02	80.24' LT	733.14 *
A2	99+77.03	36.73' LT	10+40.29	73.19' LT	733.20
A3	99+92.63	38.05' LT	10+40.92	57.46' LT	733.26
A4	100+07.20	43.78' LT	10+45.98	42.56' LT	733.33
A5	100+19.53	53.46' LT	10+55.05	29.69' LT	733.32
A6	100+28.60	66.27' LT	10+67.39	19.93' LT	732.96
A7	100+33.67	81.16' LT	10+82.00	14.06' LT	732.34 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT IL 104 - 53RD ST

POINT	IL 104		53RD ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	100+76.32	83.49' LT	10+82.00	29.17' RT	732.35 *
B2	100+83.95	71.42' LT	10+69.51	36.18' RT	733.17
B3	100+94.04	61.36' LT	10+58.87	45.76' RT	733.50
B4	101+06.10	53.79' LT	10+50.58	57.44' RT	733.67
B5	101+19.53	49.09' LT	10+45.04	70.65' RT	733.83
B6	101+33.66	47.50' LT	10+42.54	84.75' RT	733.99
B7	101+48.00	47.50' LT	10+41.58	99.16' RT	734.08 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - NB MEDIAN IL 104 - 53RD ST.

POINT	IL 104		53RD ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	100+67.40	53.80' LT	10+52.87	18.50' RT	733.50
D2	100+67.75	47.39' LT	10+46.45	18.50' RT	733.60
D3	100+68.03	42.39' LT	10+41.44	18.50' RT	733.67
D4	100+68.36	36.50' LT	10+35.54	18.50' RT	733.72
D5	100+89.33	36.50' LT	10+34.33	39.54' RT	733.87
D6	100+89.33	38.50' LT	10+36.33	39.66' RT	733.85
D7	100+80.81	45.85' LT	10+44.16	31.53' RT	733.71
D8	100+77.04	49.10' LT	10+47.63	27.93' RT	733.66
D9	100+71.36	54.02' LT	10+52.87	22.50' RT	733.54

SIDEWALK ELEVATIONS 53RD ST - N.W. QUADRANT

POINT	IL 104-53RD ST		ELEVATION
	STATION	OFFSET	
1	99+89.85	50.31' LT	733.77 *
2	99+90.98	45.45' LT	733.68 *
3	99+93.67	51.41' LT	733.72
4	99+95.25	46.67' LT	733.64
5	100+00.43	54.39' LT	733.62
6	100+03.07	50.14' LT	733.57
7	100+05.71	45.90' LT	733.27
8	100+04.64	57.04' LT	733.64
9	100+07.28	52.80' LT	733.59
10	100+09.92	48.56' LT	733.29

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS 53RD ST - N.E. QUADRANT

POINT	IL 104-53RD ST		ELEVATION
	STATION	OFFSET	
11	100+84.43	96.14' LT	732.59 *
12	100+79.86	94.26' LT	732.52 *
13	100+90.75	83.30' LT	733.27
14	100+86.64	80.52' LT	733.19
15	100+98.35	74.21' LT	733.83
16	100+95.13	70.40' LT	733.78
17	100+91.91	66.60' LT	733.37
18	101+02.11	70.96' LT	733.90
19	100+98.89	67.16' LT	733.85
20	100+95.68	63.35' LT	733.44
21	101+14.05	63.99' LT	734.21
22	101+12.17	59.37' LT	734.14
23	101+18.72	62.32' LT	734.26 *
24	101+17.28	57.53' LT	734.16 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS 53RD ST - NB MEDIAN

POINT	IL 104-53RD ST		ELEVATION
	STATION	OFFSET	
25	100+70.31	47.54' LT	733.65
26	100+70.59	42.54' LT	733.72
27	100+75.73	47.57' LT	733.70
28	100+78.02	42.58' LT	733.75
29	100+76.34	48.28' LT	733.71
30	100+80.11	45.02' LT	733.76

IL 104 CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION
100+79.82	36.50' LT	733.82	47.50' LT	733.71
101+33.66	36.50' LT	734.18	47.50' LT	733.99

53RD ST CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+36.55	12.50' LT	733.53	℄	733.59	13.00' RT	733.67	30.00' RT	733.82
10+66.00	12.50' LT	733.07	℄	733.17	13.00' RT	733.25	30.00' RT	733.40
10+80.12	12.50' LT	732.44	℄	732.56	13.00' RT	732.51	30.00' RT	732.47
10+82.00	12.50' LT	732.35	℄	732.47	13.00' RT	732.41	30.00' RT	732.35

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616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/23/2025	DATE -	REVISED -

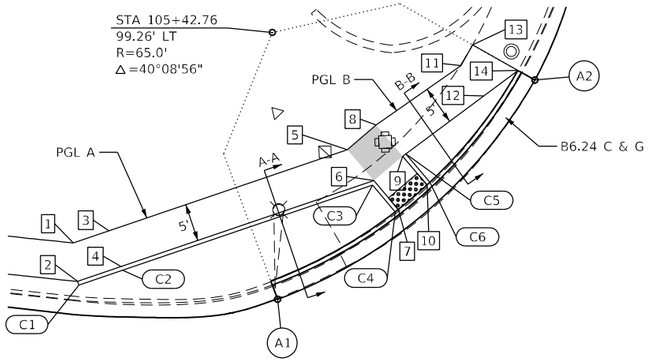
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

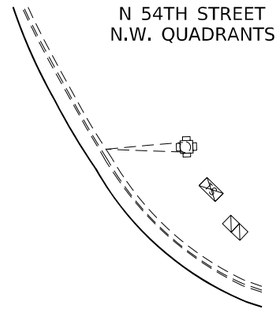
FAP RTE 745 (IL 104)
53RD ST
GEOMETRIC DETAILS

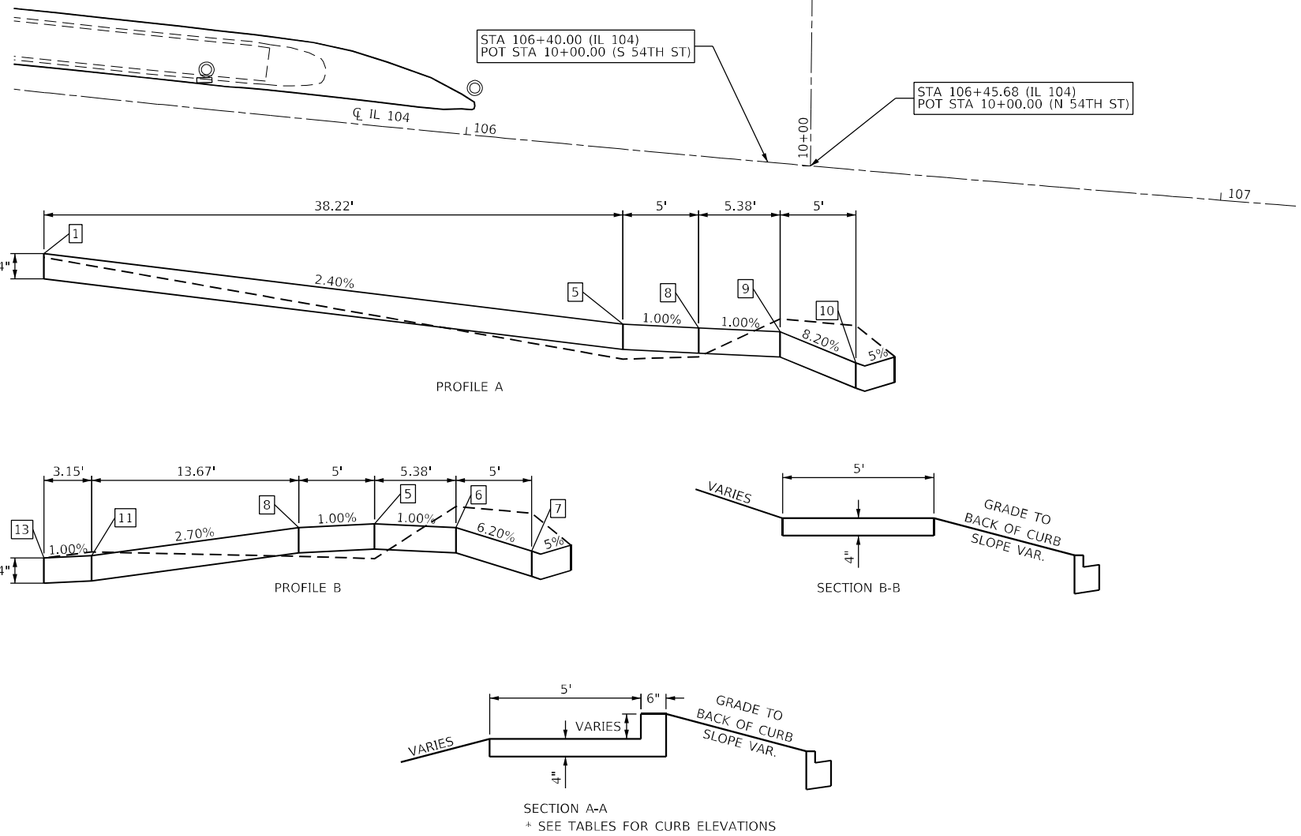
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	81
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR







PROFILE A

PROFILE B

SECTION B-B

SECTION A-A

* SEE TABLES FOR CURB ELEVATIONS

LEGEND

LANDING

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

THE MEDIANS SHALL BE BUILT TO THE LINES AND ELEVATIONS SHOWN ON THE PLAN SHEETS. SEE STANDARD 606301 FOR ADDITIONAL INFORMATION.

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

CURB ELEVATIONS - N.W. QUADRANT IL 104 - 54TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	733.24	0"
C2	733.61	6"
C3	732.84	6"
C4	732.53	6"
C5	732.29	0"
C6	732.38	6"

CURB ELEVATIONS - N.W. QUADRANT IL 104 - 54TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C7	732.11	6"
C8	732.02	0"
C9	732.15	6"
C10	732.06	0"

SIDEWALK ELEVATIONS 54TH ST - N.W. QUADRANT

POINT	IL 104-54TH ST		ELEVATION
	STATION	OFFSET	
1	105+43.96	45.58' LT	733.32
2	105+45.07	40.58' LT	733.24
3	105+48.54	47.67' LT	733.19
4	105+50.64	43.13' LT	733.11
5	105+79.01	61.48' LT	732.39
6	105+82.92	57.74' LT	732.34
7	105+86.55	54.27' LT	732.03
8	105+82.52	65.08' LT	732.34
9	105+86.43	61.34' LT	732.29
10	105+90.05	57.86' LT	731.88
11	105+93.01	73.98' LT	731.97
12	105+96.40	70.27' LT	731.93
13	105+94.31	76.85' LT	731.94 *
14	106+00.65	74.06' LT	731.78 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT IL 104 - 54TH ST

POINT	IL 104		N 54TH ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	105+71.74	40.92' LT	10+46.96	70.01' LT	732.53 *
A2	106+03.03	73.00' LT	10+76.21	36.31' LT	731.34 *

*MATCH EX ELEVATION

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USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
N 54TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 9 OF 12 SHEETS | STA. 105+40.00 | TO STA. 107+10.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	82
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

S 54TH STREET
S.W. & S.E. QUADRANTS

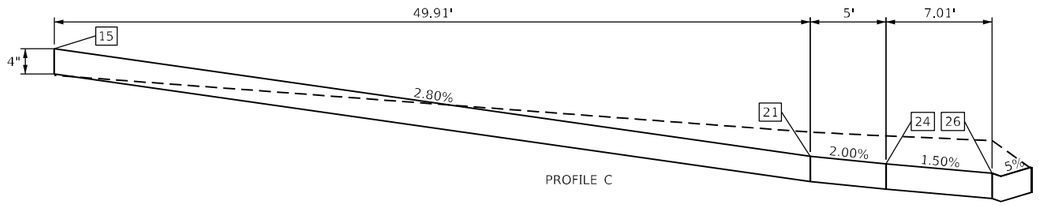
LEGEND

LANDING

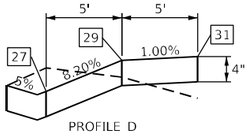
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

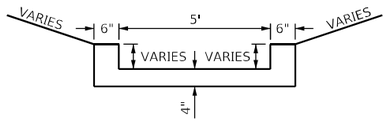
THE MEDIANS SHALL BE BUILT TO THE LINES AND ELEVATIONS SHOWN ON THE PLAN SHEETS. SEE STANDARD 606301 FOR ADDITIONAL INFORMATION.



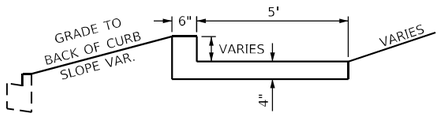
PROFILE C



PROFILE D



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 54TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C11	734.46	0"
C12	734.83	6"
C13	733.54	6"
C14	733.54	6"
C15	733.02	0"
C16	733.40	6"

SIDEWALK ELEVATIONS
54TH ST - S.W. QUADRANT

POINT	IL 104-54TH ST		ELEVATION
	STATION	OFFSET	
15	105+33.67	55.58' RT	734.54
16	105+34.15	50.58' RT	734.46
17	105+38.06	56.46' RT	734.41
18	105+39.02	51.55' RT	734.33
19	105+48.94	58.63' RT	734.08
20	105+49.91	53.73' RT	734.05
21	105+78.53	74.27' RT	733.12
22	105+82.11	70.82' RT	733.04
23	105+83.55	69.44' RT	733.04
24	105+81.94	77.89' RT	733.02
25	105+85.52	74.44' RT	732.94
26	105+86.96	73.06' RT	732.90

SIDEWALK ELEVATIONS
54TH ST - SB MEDIAN

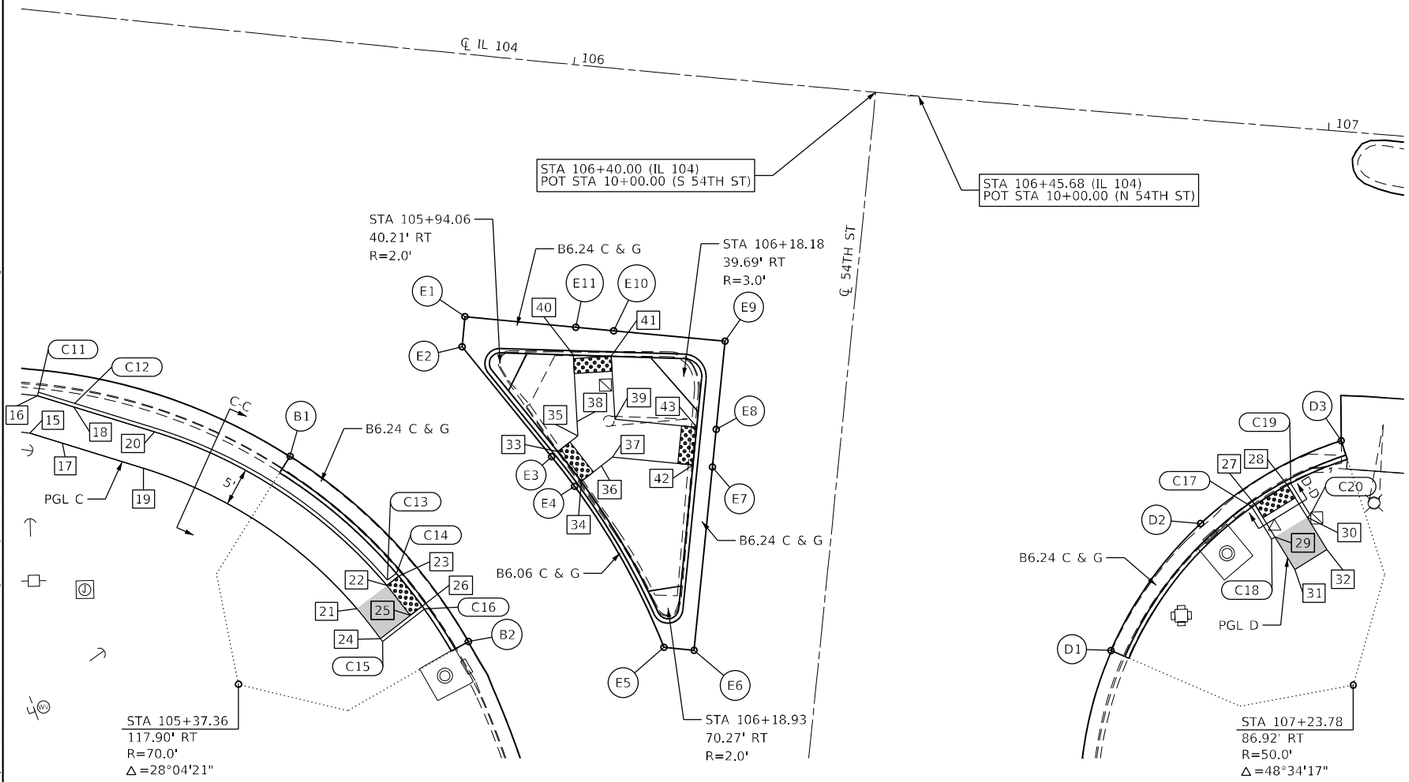
POINT	IL 104-54TH ST		ELEVATION
	STATION	OFFSET	
33	106+02.71	51.06' RT	733.66
34	106+06.12	54.69' RT	733.61
35	106+05.13	48.75' RT	733.79
36	106+08.54	52.38' RT	733.74
37	106+09.88	51.11' RT	733.76
38	106+04.84	46.87' RT	733.78
39	106+09.75	46.11' RT	733.73
40	106+03.51	38.18' RT	733.75
41	106+08.49	37.87' RT	733.68
42	106+20.49	51.19' RT	733.66
43	106+20.53	46.19' RT	733.69

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 54TH ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C17	733.33	6"
C18	733.24	0"
C19	733.35	6"
C20	733.26	0"

SIDEWALK ELEVATIONS
54TH ST - S.E. QUADRANT

POINT	IL 104-54TH ST		ELEVATION
	STATION	OFFSET	
27	106+94.28	50.05' RT	732.83
28	106+98.29	47.11' RT	732.85
29	106+97.20	54.10' RT	733.24
30	107+01.21	51.15' RT	733.26
31	107+00.12	58.14' RT	733.29
32	107+04.13	55.20' RT	733.31



EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 54TH ST

POINT	IL 104		S 54TH ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	105+67.86	55.10' RT	9+44.48	72.13' LT	733.67 ~
B2	105+93.41	77.15' RT	9+22.48	46.27' LT	733.26 ~

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 54TH ST

POINT	IL 104		S 54TH ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	106+77.05	70.77' RT	9+29.78	38.27' RT	733.11 ~
D2	106+87.36	53.10' RT	9+47.63	48.36' RT	732.74 ~
D3	107+04.87	40.71' RT	9+60.38	65.75' RT	732.86 ~

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - SB MEDIAN
IL 104 - 54TH ST.

POINT	IL 104		S 54TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	105+88.89	34.50' LT	9+65.12	51.00' LT	733.72 ~
E2	105+88.89	38.50' LT	9+61.12	50.98' LT	733.70 ~
E3	106+01.94	51.82' LT	9+47.85	37.77' LT	733.61 ~
E4	106+05.32	55.42' LT	9+44.28	34.35' LT	733.56 ~
E5	106+18.88	75.49' LT	9+24.30	20.50' LT	733.52 ~
E6	106+22.84	75.52' LT	9+24.30	16.50' LT	733.54 ~
E7	106+23.05	51.21' LT	9+48.62	16.50' LT	733.58 ~
E8	106+23.09	46.21' LT	9+53.62	16.50' LT	733.61 ~
E9	106+23.20	34.50' LT	9+65.33	16.50' LT	733.53 ~
E10	106+08.49	34.50' LT	9+65.22	31.28' LT	733.58 ~
E11	106+03.51	34.50' LT	9+65.18	36.29' LT	733.65 ~

*MATCH EX ELEVATION

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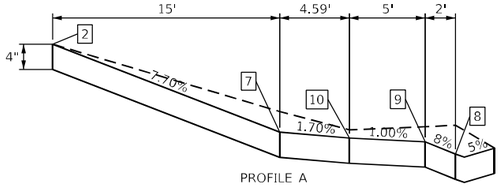
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
S 54TH ST
GEOMETRIC DETAILS

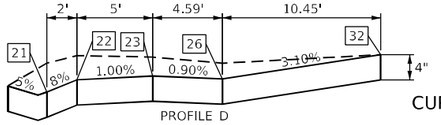
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	83
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

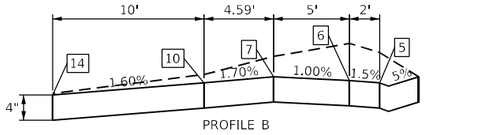
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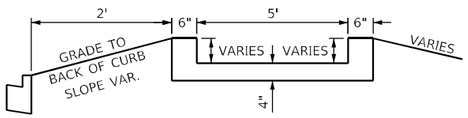
PROFILE A



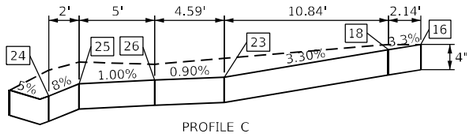
PROFILE D



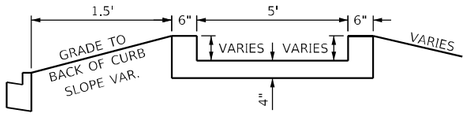
PROFILE B



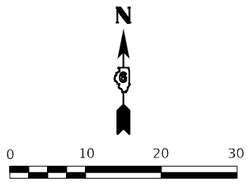
SECTION A-A
SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



PROFILE C



SECTION C-C
SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS



SCALE IN FEET

N 61ST STREET
S.W. & S.E. QUADRANTS

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - N 61ST ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	723.01	0"
C2	722.35	6" *
C3	722.27	6" *
C4	721.61	0"
C5	722.73	0"
C6	722.30	6"
C7	722.27	6"
C8	722.06	6"
C9	722.22	6"
C10	721.64	0"

*MATCH EX GROUND ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - N 61ST ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C11	720.74	0"
C12	721.04	6"
C13	720.88	6"
C14	720.92	6"
C15	721.08	6"
C16	720.93	0"
C17	720.81	0" *
C18	721.13	6" *
C19	721.09	6" *
C20	720.76	0" *

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
N 61ST ST - S.W. QUADRANT

POINT	IL 104-N 61ST ST		ELEVATION
	STATION	OFFSET	
1	135+65.06	57.90' RT	722.99 *
2	135+62.43	62.15' RT	723.01 *
3	135+68.11	59.92' RT	722.73
4	135+65.23	64.01' RT	722.75
5	135+79.16	66.99' RT	721.77
6	135+77.63	68.28' RT	721.80
7	135+73.96	71.67' RT	721.85
8	135+82.39	70.80' RT	721.56
9	135+80.87	72.09' RT	721.72
10	135+76.93	75.17' RT	721.77
11	135+84.02	76.54' RT	721.64
12	135+79.82	79.24' RT	721.69
13	135+86.76	81.25' RT	721.56
14	135+82.33	83.56' RT	721.61

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
N 61ST ST - S.E. QUADRANT

POINT	IL 104-N 61ST ST		ELEVATION
	STATION	OFFSET	
15	136+99.85	84.09' RT	721.00 *
16	137+03.42	85.98' RT	721.06 *
17	137+00.85	82.27' RT	720.93
18	137+05.18	84.77' RT	720.99
19	137+03.98	77.40' RT	720.76
20	137+08.05	80.30' RT	720.81
21	137+06.25	71.30' RT	720.42
22	137+07.70	72.68' RT	720.58
23	137+11.47	75.97' RT	720.63
24	137+09.69	67.67' RT	720.38
25	137+11.15	69.05' RT	720.54
26	137+14.63	72.64' RT	720.59
27	137+15.62	65.12' RT	720.69
28	137+18.73	69.04' RT	720.76
29	137+18.42	63.02' RT	720.74
30	137+21.30	67.11' RT	720.87
31	137+19.89	61.73' RT	720.77 *
32	137+22.77	66.11' RT	720.91 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
N 61ST ST - SB MEDIAN

POINT	IL 104-N 61ST ST		ELEVATION
	STATION	OFFSET	
33	136+00.39	48.96' RT	722.12
34	136+03.27	53.08' RT	721.93
35	136+03.78	46.09' RT	722.08
36	136+05.61	51.09' RT	721.91
37	136+11.31	46.09' RT	722.00
38	136+11.31	51.09' RT	721.86

SIDEWALK ELEVATIONS
N 61ST ST - NB MEDIAN

POINT	IL 104-N 61ST ST		ELEVATION
	STATION	OFFSET	
39	136+78.63	46.13' RT	721.16
40	136+79.06	51.13' RT	721.12
41	136+87.00	46.13' RT	721.01
42	136+85.01	51.13' RT	721.02
43	136+88.92	47.95' RT	720.96
44	136+85.91	51.99' RT	721.00

LEGEND

LANDING

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

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

THE MEDIANS SHALL BE BUILT TO THE LINES AND ELEVATIONS SHOWN ON THE PLAN SHEETS. SEE STANDARD 606301 FOR ADDITIONAL INFORMATION.

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - N 61ST ST

POINT	IL 104		N 61ST ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	135+70.76	56.18' RT	9+43.78	74.13' LT	722.27 *
A2	135+90.52	78.55' RT	9+21.42	54.35' LT	721.12 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - N 61ST ST

POINT	IL 104		N 61ST ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	137+00.71	74.10' RT	9+25.93	55.83' RT	720.55 *
B2	137+12.41	61.82' RT	9+38.21	67.52' RT	720.40 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - SB MEDIAN
IL 104 - N 61ST ST.

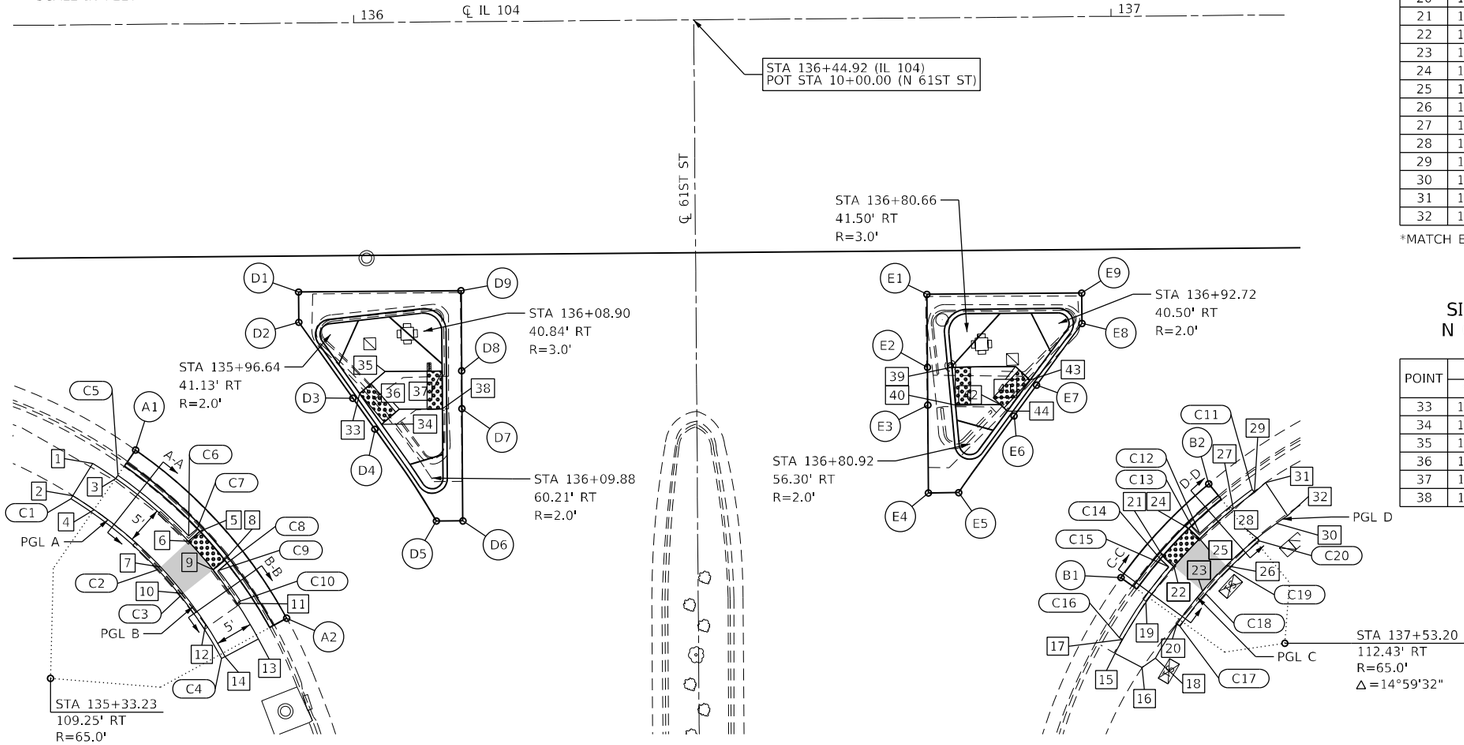
POINT	IL 104		N 61ST ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	135+92.45	35.50' RT	9+64.47	52.45' LT	722.67 *
D2	135+92.45	39.50' RT	9+60.47	52.45' LT	722.55 *
D3	135+99.50	49.59' RT	9+50.39	45.39' LT	722.07 *
D4	136+02.38	53.70' RT	9+46.28	42.51' LT	721.88 *
D5	136+10.38	65.89' RT	9+34.09	34.50' LT	721.41 *
D6	136+13.88	65.90' RT	9+34.09	31.00' LT	721.43 *
D7	136+13.89	51.09' RT	9+48.89	31.00' LT	721.78 *
D8	136+13.89	46.09' RT	9+53.89	31.00' LT	721.92 *
D9	136+13.82	35.73' RT	9+64.48	31.00' LT	722.20 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - NB MEDIAN
IL 104 - N 61ST ST.

POINT	IL 104		N 61ST ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	136+75.40	36.50' RT	9+63.52	30.50' RT	721.29 *
E2	136+75.39	46.12' RT	9+53.89	30.50' RT	721.20 *
E3	136+75.39	51.12' RT	9+48.89	30.50' RT	721.16 *
E4	136+75.38	62.71' RT	9+37.31	30.50' RT	721.08 *
E5	136+79.38	62.71' RT	9+37.31	34.50' RT	721.01 *
E6	136+86.78	52.63' RT	9+47.39	41.89' RT	720.95 *
E7	136+89.79	48.60' RT	9+51.42	44.90' RT	720.91 *
E8	136+95.84	40.50' RT	9+59.53	50.94' RT	720.87 *
E9	136+95.84	36.50' RT	9+63.53	50.94' RT	720.94 *

*MATCH EX ELEVATION



N 63RD STREET
S.W. & S.E. QUADRANTS

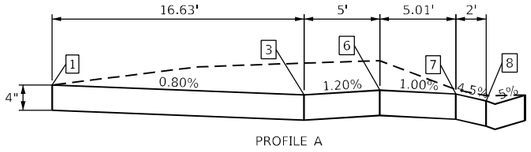
LEGEND

LANDING

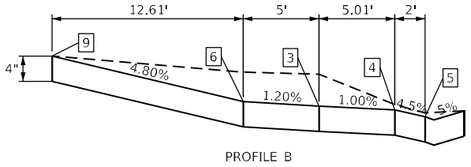
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

THE MEDIANS SHALL BE BUILT TO THE LINES AND ELEVATIONS SHOWN ON THE PLAN SHEETS. SEE STANDARD 606301 FOR ADDITIONAL INFORMATION.

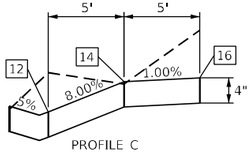
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.



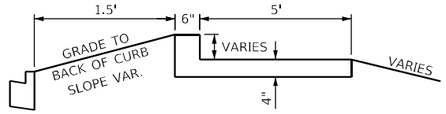
PROFILE A



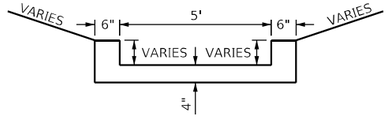
PROFILE B



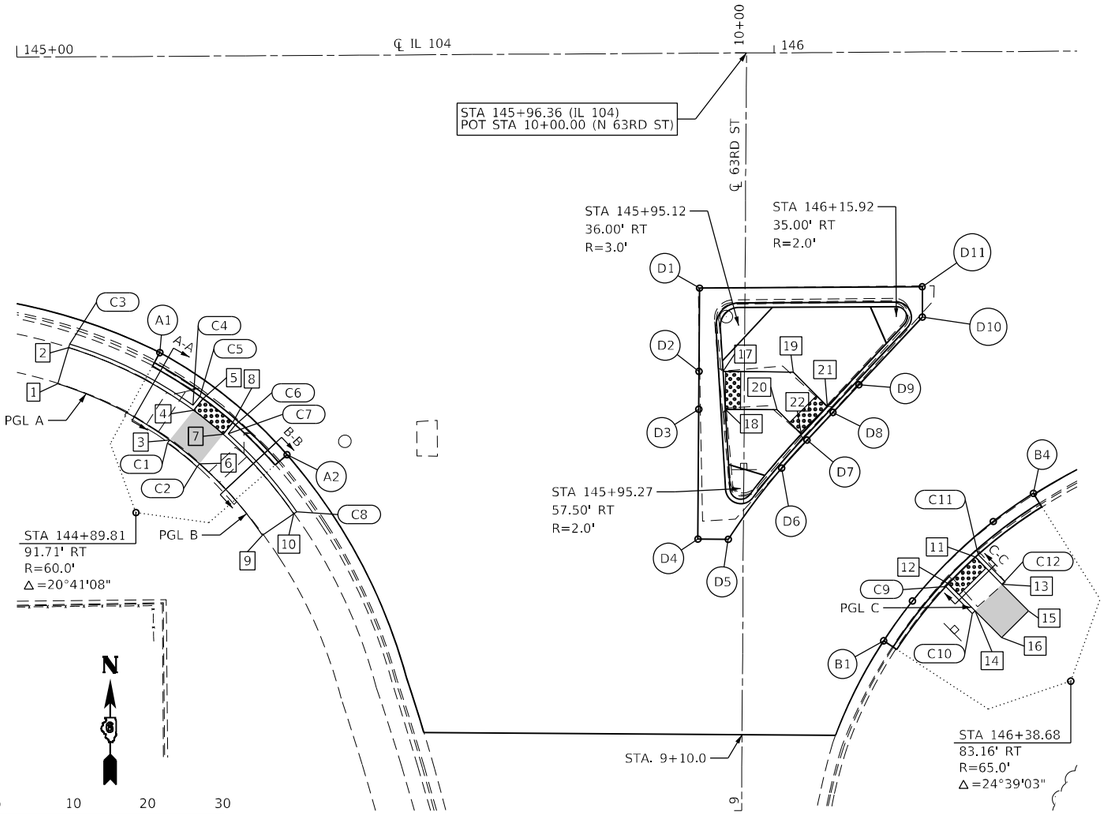
PROFILE C



SECTION A-A
SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



CURB ELEVATIONS - S.W. QUADRANT
IL 104 - N 63RD ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	724.11	6" *
C2	724.17	6" *
C3	723.65	0"
C4	724.06	6"
C5	723.97	6"
C6	724.03	6"
C7	724.12	6"
C8	724.17	0"

*MATCH EX GROUND ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - N 63RD ST

POINT	TOP CURB ELEVATION	CURB HEIGHT
C9	725.26	6"
C10	725.16	0"
C11	725.34	6"
C12	725.24	0"

SIDEWALK ELEVATIONS
N 63RD ST - S.W. QUADRANT

POINT	IL 104-N 63RD ST		ELEVATION
	STATION	OFFSET	
1	145+05.17	43.17' RT	723.74 *
2	145+06.63	38.38' RT	723.65 *
3	145+19.93	50.66' RT	723.61
4	145+23.09	46.78' RT	723.56
5	145+24.35	45.22' RT	723.47
6	145+23.82	53.81' RT	723.67
7	145+26.97	49.93' RT	723.62
8	145+28.23	48.37' RT	723.53
9	145+32.07	63.31' RT	724.27 *
10	145+36.22	60.52' RT	724.17 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
N 63RD ST - S.W. QUADRANT

POINT	IL 104-N 63RD ST		ELEVATION
	STATION	OFFSET	
11	146+26.19	66.73' RT	724.84
12	146+22.60	70.22' RT	724.76
13	146+29.68	70.32' RT	725.24
14	146+26.09	73.80' RT	725.16
15	146+33.16	73.90' RT	725.29
16	146+29.58	77.39' RT	725.21

SIDEWALK ELEVATIONS
N 63RD ST - NB MEDIAN

POINT	IL 104-N 63RD ST		ELEVATION
	STATION	OFFSET	
17	145+93.02	42.04' RT	725.04
18	145+93.29	47.04' RT	724.99
19	146+02.28	42.15' RT	725.18
20	146+00.14	47.13' RT	725.12
21	146+06.74	46.74' RT	725.27
22	146+03.30	50.37' RT	725.20

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - N 63RD ST

POINT	IL 104		N 63RD ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	145+18.67	39.10' RT	9+59.94	77.20' LT	723.40 *
A2	145+35.39	52.69' RT	9+46.57	60.32' LT	723.63 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - N 63RD ST

POINT	IL 104		N 63RD ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	146+14.01	77.70' RT	9+22.52	18.60' RT	724.53 *
B2	146+17.85	72.48' RT	9+27.80	22.38' RT	724.75
B3	146+28.58	62.04' RT	9+38.36	32.98' RT	724.98
B4	146+33.90	58.35' RT	9+42.12	38.25' RT	725.23 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - NB MEDIAN
IL 104 - N 63RD ST.

POINT	IL 104		N 63RD ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	145+89.98	31.00' RT	9+68.93	6.00' LT	725.08 *
D2	145+89.84	42.00' RT	9+57.93	6.00' LT	724.96 *
D3	145+89.78	47.00' RT	9+52.93	6.00' LT	724.91 *
D4	145+89.57	64.14' RT	9+35.78	6.00' LT	724.76 *
D5	145+93.57	64.19' RT	9+35.78	2.00' LT	724.79 *
D6	146+00.68	54.84' RT	9+45.22	4.99' RT	725.07
D7	146+04.05	51.15' RT	9+48.95	8.33' RT	725.15
D8	146+07.50	47.52' RT	9+52.62	11.72' RT	725.22
D9	146+10.94	43.89' RT	9+65.29	23.44' RT	725.29
D10	146+19.37	35.00' RT	9+65.29	23.44' RT	725.61 *
D11	146+19.37	31.00' RT	9+69.29	23.39' RT	725.61 *

*MATCH EX ELEVATION

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
N 63RD ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 12 OF 12 SHEETS | STA. 145+00.00 | TO STA. 146+40.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	85
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE	R		
STEEL MAST ARM ASSEMBLY AND POLE	R		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	R		
SIGNAL POST	R		
CONTROLLER CABINET	R		
MASTER CONTROLLER	R		
RAILROAD CONTROLLER	R		
UNINTERRUPTABLE POWER SUPPLY	R UPS	UPS	UPS
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM	R		
TEMPORARY WOOD POLE W/ GUY	R		
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT	R		
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)	R	3	3
SIGNAL HEAD WITH BACKPLATE	R		
FLASHER INSTALLATION (S DENOTES SOLAR POWER)	R		
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN PUSH-BUTTON DETECTOR	R		
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR	R APS	APS	APS
PRIORITY VEHICLE DETECTOR	R		
CONFORMATION BEACON	R		
VIDEO DETECTOR SYSTEM	R V	V	V
HANDHOLE	R		
DOUBLE HANDHOLE	R		
HEAVY DUTY HANDHOLE	R H	H	H
JUNCTION BOX	R J	J	J
GULFBOX JUNCTION	R		
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC) LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING) SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)		15'-UC 3" PVC	15'-UC 3" PVC

TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED	R R	R	R
SIGNAL SECTION - SOLID YELLOW	R Y	Y	Y
SIGNAL SECTION - SOLID GREEN	R G	G	G
SIGNAL SECTION - RED TURN ARROW	R <R	<R	<R
SIGNAL SECTION - YELLOW TURN ARROW	R <Y	<Y	<Y
SIGNAL SECTION - FLASHING YELLOW ARROW	R <FY	<FY	<FY
SIGNAL SECTION - GREEN TURN ARROW	R <G	<G	<G
PEDESTRIAN SIGNAL HEAD	R		
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER	R 15	15	15
TRAFFIC SIGNAL BACKPLATE	R		
SIGNAL SECTION WITH LOUVRE	R G	G	G
SIGNAL SECTION WITH DUAL INDICATION	R Y> G>	Y> G>	Y> G>
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)	R 2	2	2
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)	R W O	W O	W O
DETECTOR LOOP	R		
QUADRAPOLE DETECTOR LOOP	R		

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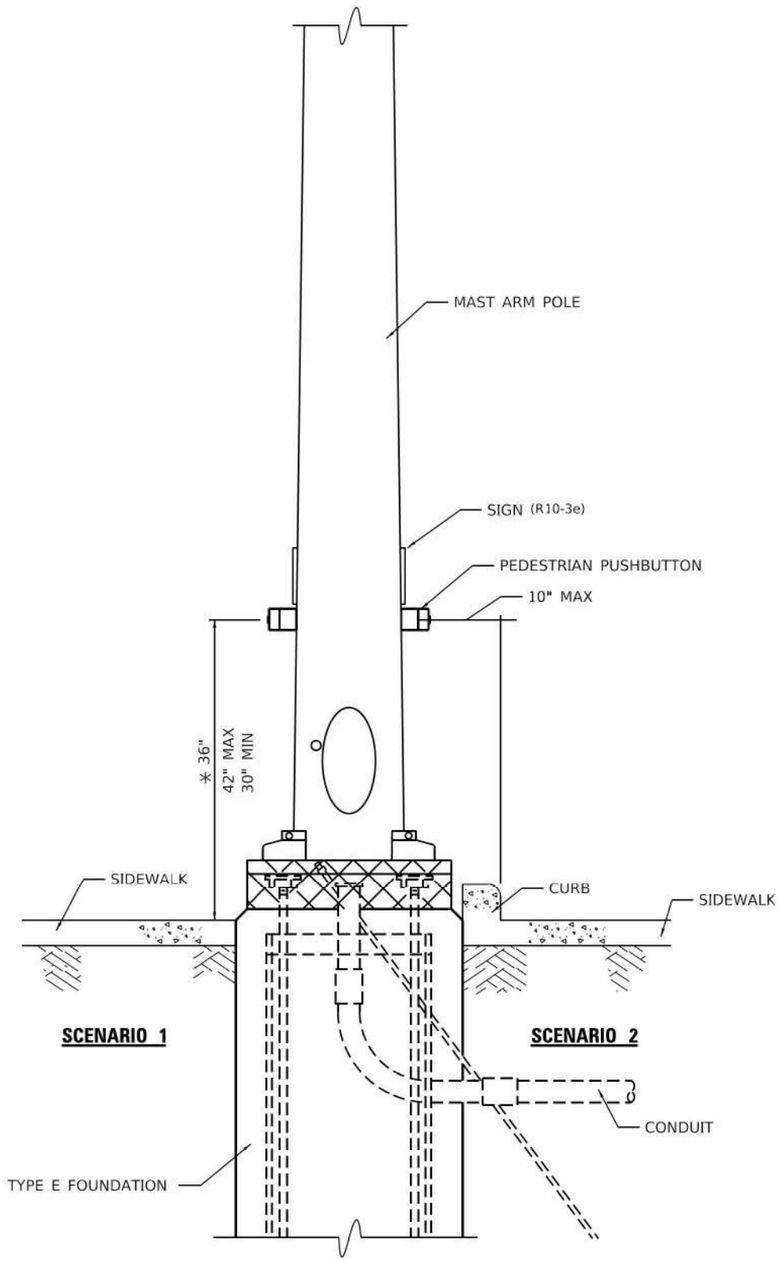
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT SIX
TRAFFIC SIGNAL LEGEND STANDARD

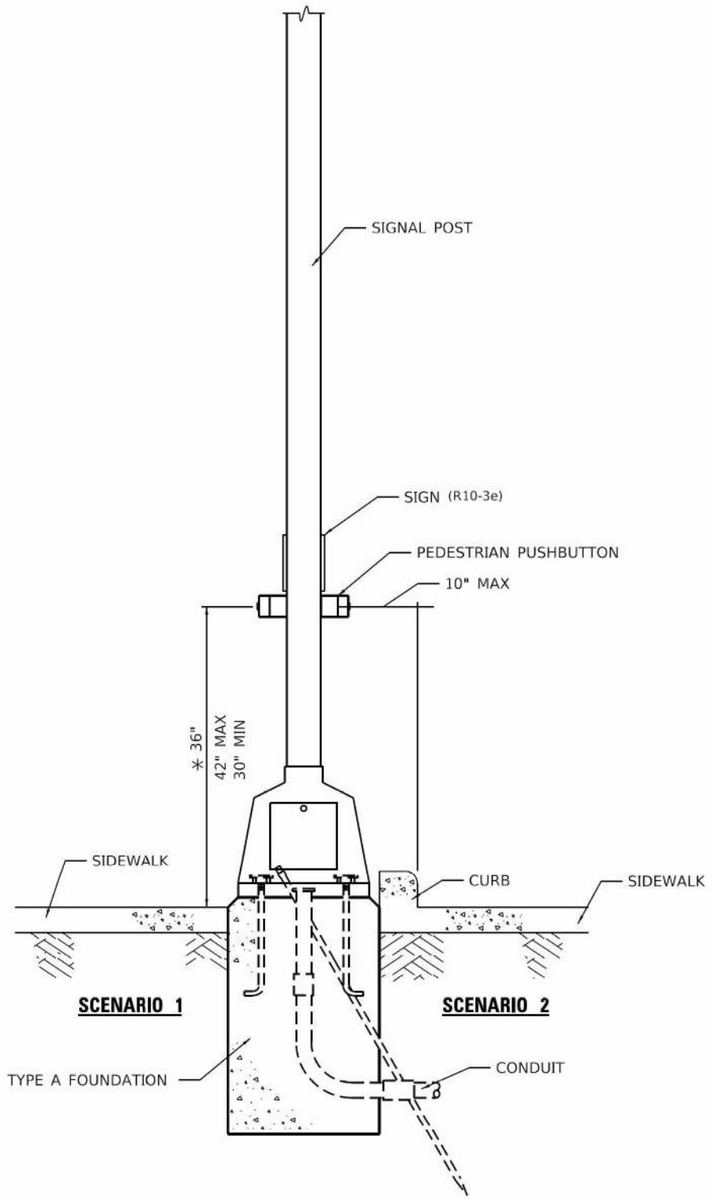
SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	86
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

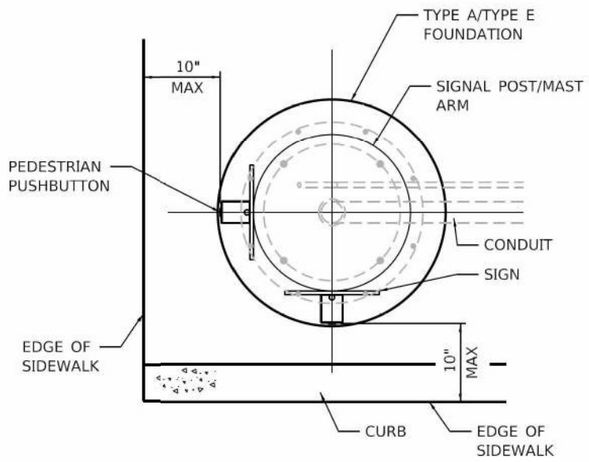


PEDESTRIAN PUSHBUTTON INSTALLATION, MAST ARM

* 36" PREFERRED



PEDESTRIAN PUSHBUTTON INSTALLATION, SIGNAL POST



PEDESTRIAN PUSHBUTTON INSTALLATION, TOP VIEW

NOT TO SCALE

MODEL: Pedestrian Pushbutton Installation Detail
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT SIX
PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	87
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

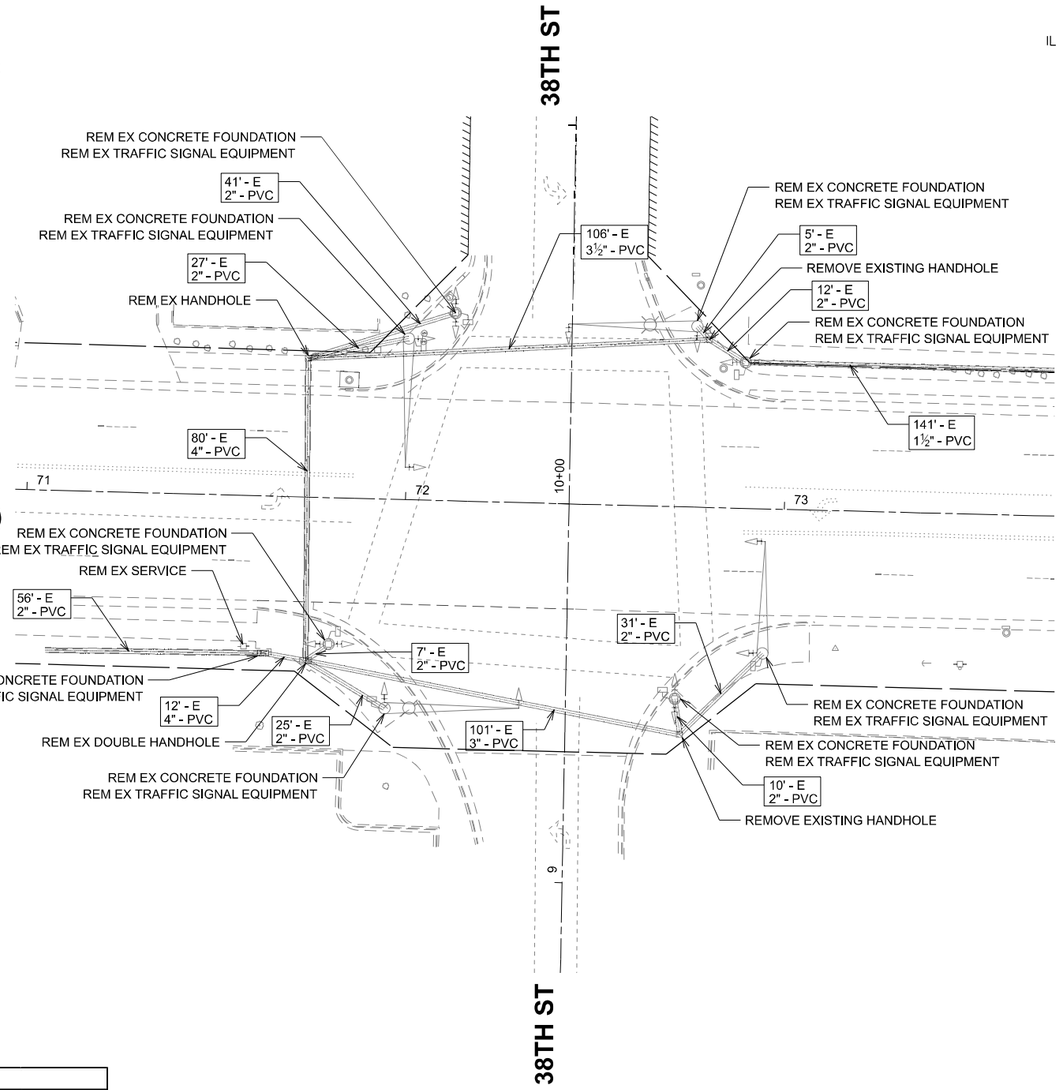
   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

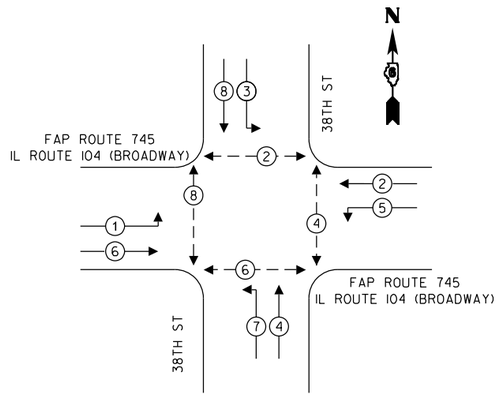
   THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

   ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)





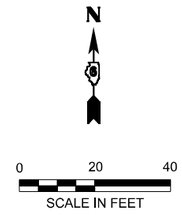
EXISTING PHASE DESIGNATION DIAGRAM

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
MAST ARM ASSEMBLY AND POLE	4
TRAFFIC SIGNAL POST	4
VEHICULAR SIGNAL HEAD	16
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & 38TH STREET			
CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	4350

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 38TH STREET SIGNAL CABINET TO THE 48TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.



MODEL: Existing Traffic Signal Plan
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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 38TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	88
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

INTERCONNECT TO BROADWAY & 36TH

INTERCONNECT TO BROADWAY & 48TH

24 FO (2) Y B | R G | R B | Y G | W G | W W | W R | G R | G W | R Y | R W | Y O | W O | W B | G B | R R | Y W | W W | G Y | 24 FO (2) #6 AWG

EXISTING CONTROLLER

3 PR WRF | WLF
3 PR WRE | WLE
6 PR WLT | WLB
3 PR ERF | ELF
3 PR ERE | ELE
6 PR ELT | ELB
6 PR SRP | SRB
6 PR SLT | SLB
6 PR NRP | NRB
6 PR NLT | NLB
PHASE 6 6 6 1 1 2 2 2 2 5 5 4 4 7 7 8 8 3 3

EXISTING DETECTORS

38TH ST

NRB NLB NLT NRP — 6 PR — 2T 2T 2-4-2

(2) R W W R — (12) R W W — (2) R W W W — DW W R

W B (7) R — DW W R — R Y G R — R Y G Y G R

W O (7) R — R Y G Y G R

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

2T — WLT 2-4-2

(12) R Y W — DW W R — R Y G Y G R

4T 4T 4T 4T — WRF | WLF | WRE | WLE — 3 PR 3 PR

WLB | WLT — 6 PR

(2) R Y B R — (2) R Y Y Y R

(7) R Y Y — (7) R Y O

38TH ST

2-4-2 2-4-2 — 2T 2T

SRP SLT SLB SRB — 6 PR

(12) R R — (2) R R G — (2) R R B

(2) R G G — (2) R G W — (12) R G Y

R R W (7) R — ELT 2-4-2 — 2T

6 PR ELT | ELB — 3 PR ELE | ERE — 3 PR ELF | ERF — 4T 4T 4T

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Existing Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\jobs\ 2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-38th.dgn

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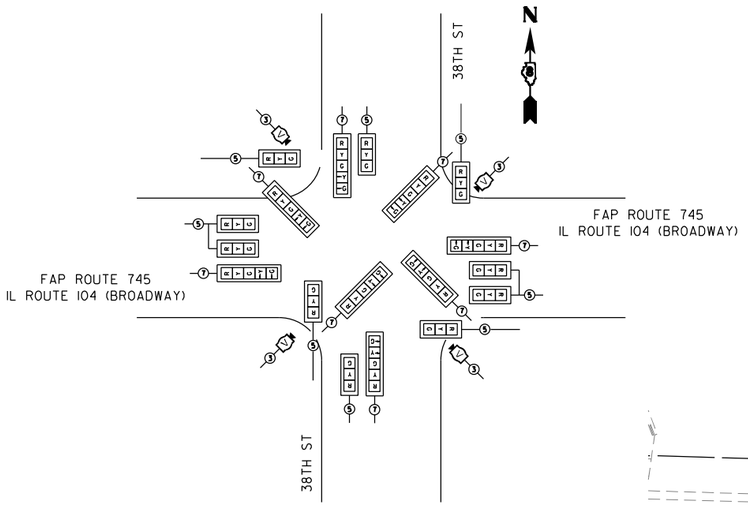
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PLOT DATE = 12/23/2025	DATE -	REVISED -

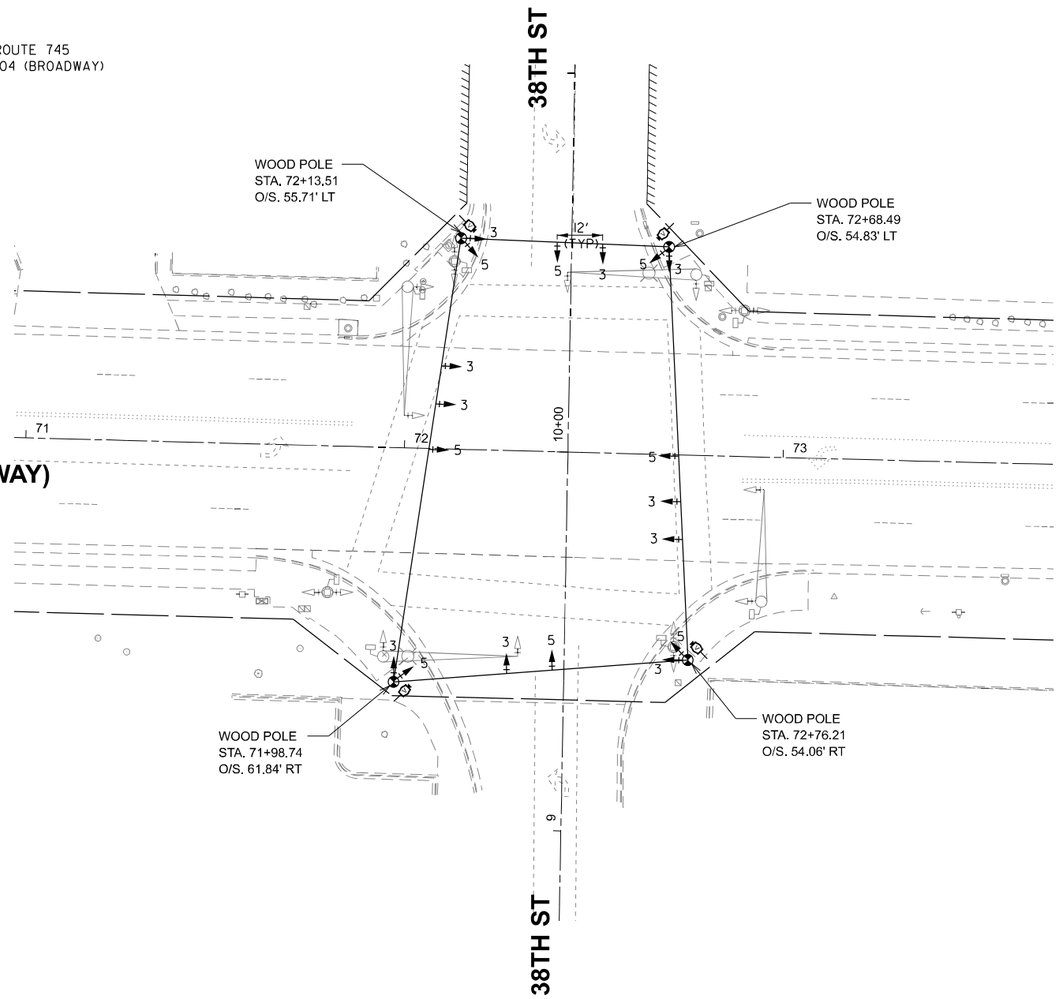
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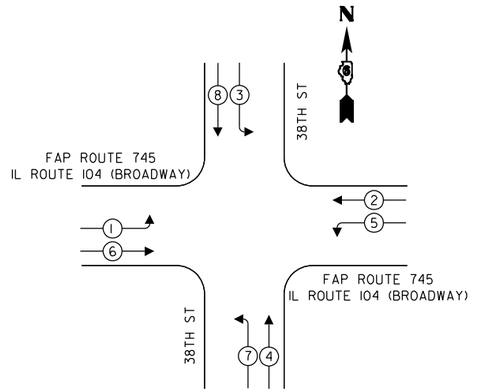
EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 38TH STREET

SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	89
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		







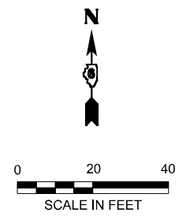
TEMP PHASE DIAGRAM

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.



MODEL: Temporary Signal Detail
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 38TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	90
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

PROPOSED TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

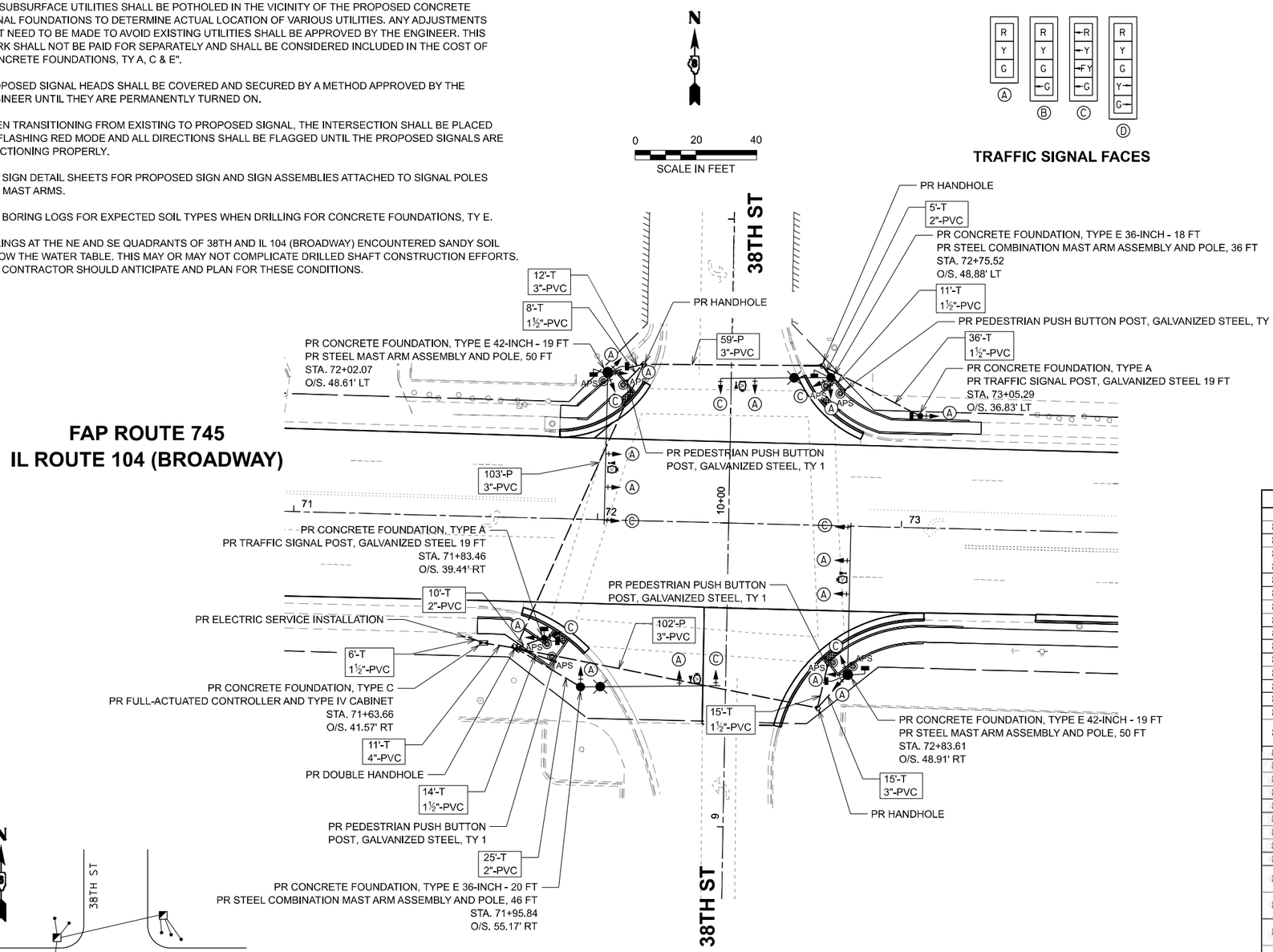
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

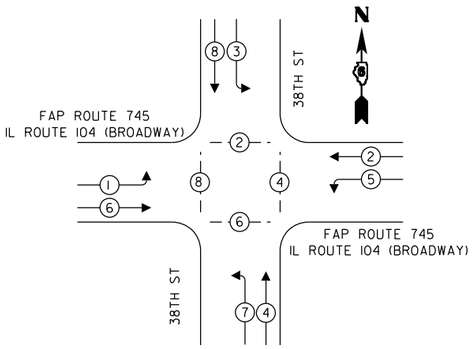
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

6. BORINGS AT THE NE AND SE QUADRANTS OF 38TH AND IL 104 (BROADWAY) ENCOUNTERED SANDY SOIL BELOW THE WATER TABLE. THIS MAY OR MAY NOT COMPLICATE DRILLED SHAFT CONSTRUCTION EFFORTS. THE CONTRACTOR SHOULD ANTICIPATE AND PLAN FOR THESE CONDITIONS.

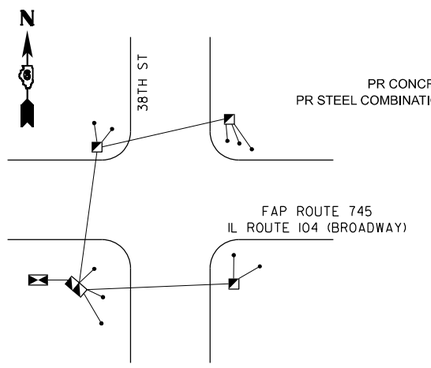
FAP ROUTE 745
IL ROUTE 104 (BROADWAY)



TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 38TH STREET

CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	90
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	40
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	291
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	11
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1166
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1247
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3485
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	787
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	12
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1260
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	38
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	38
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	22
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	4350
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE 38TH STREET SIGNAL CABINET TO THE 48TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 38TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	91
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

INTERCONNECT TO
36TH ST.

24 F.O.

PROPOSED CONTROLLER

LED

LED

INTERCONNECT TO
BROADWAY & 48TH ST

24 F.O.

#6 AWG

38TH ST

APS

15

38TH ST

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Proposed Traffic Signal Detail
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DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 38TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	92
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Date 9/27/23

ROUTE IL 104 (Broadway St) **DESCRIPTION** Boring at NE corner of 38th and Broadway **LOGGED BY** S. Burke

SECTION _____ **LOCATION** SW 1/4, **SEC.** 32, **TWP.** 1S, **RNG.** 8W, 4 **PM**

COUNTY Adams **DRILLING METHOD** HMA **HAMMER TYPE** 140# Auto

STRUCT. NO. _____
Station _____

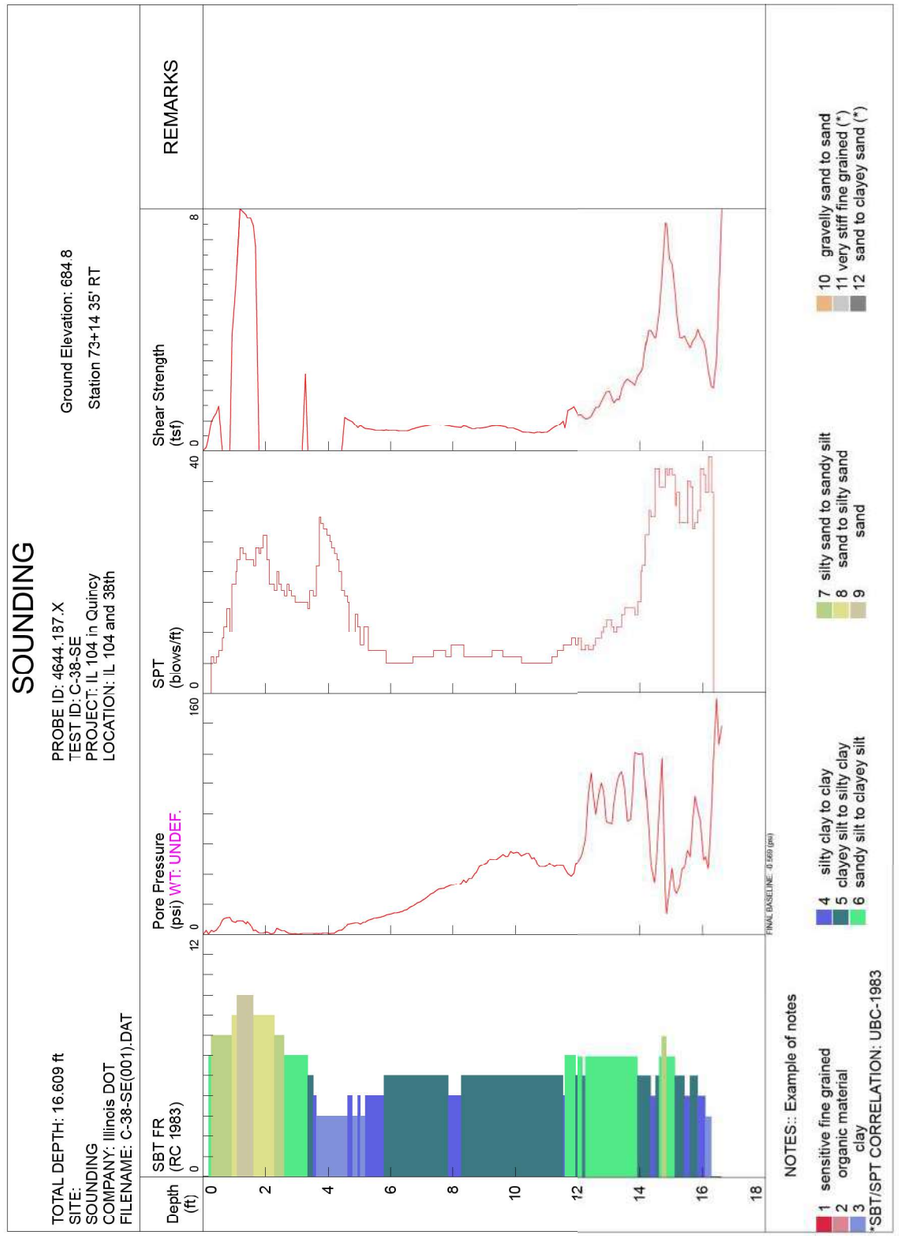
BORING NO. 38-B-NE
Station 73+18
Offset 22.0ft LT
Ground Surface Elev. 684.6 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter no encounter ft
Upon Completion plugged ft
After _____ **Hrs.** plugged ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Tan and Gray V. Moist SILT cored thru 13" pavement				boring complete			
	0						
-5	1 2	0.4 B	26	-25			
	0						
676.60	2 2	0.7 B	23				
Tan Wet SILT LOAM	0						
-10	1 2	0.7 B	17	-30			
	0						
671.60	3 4	1.2 B	16				
Brown Moist SILTY SAND	0						
-15	5 10	0.8 B	14	-35			
	3						
Tan Fine Grained SAND	19 20						
	0						
664.60 -20	9 19			-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



File Name S:\SOILS\GINT FILES\001 ADAMS\MAST ARMS\BROADWAY FROM 24TH TO 38TH.GPJ Data Template D6TEMPLT.GDT Date Printed 3/5/24
Latitude Longitude Datum NAD83 Job Number

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND 38TH STREET
SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	93
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

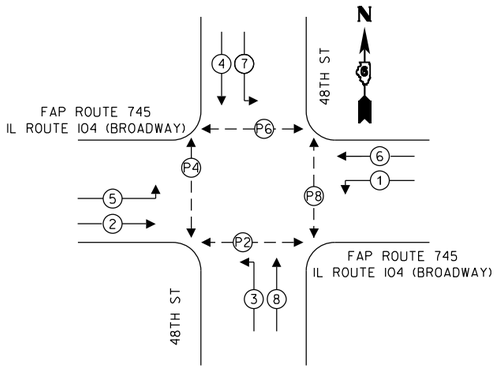
5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

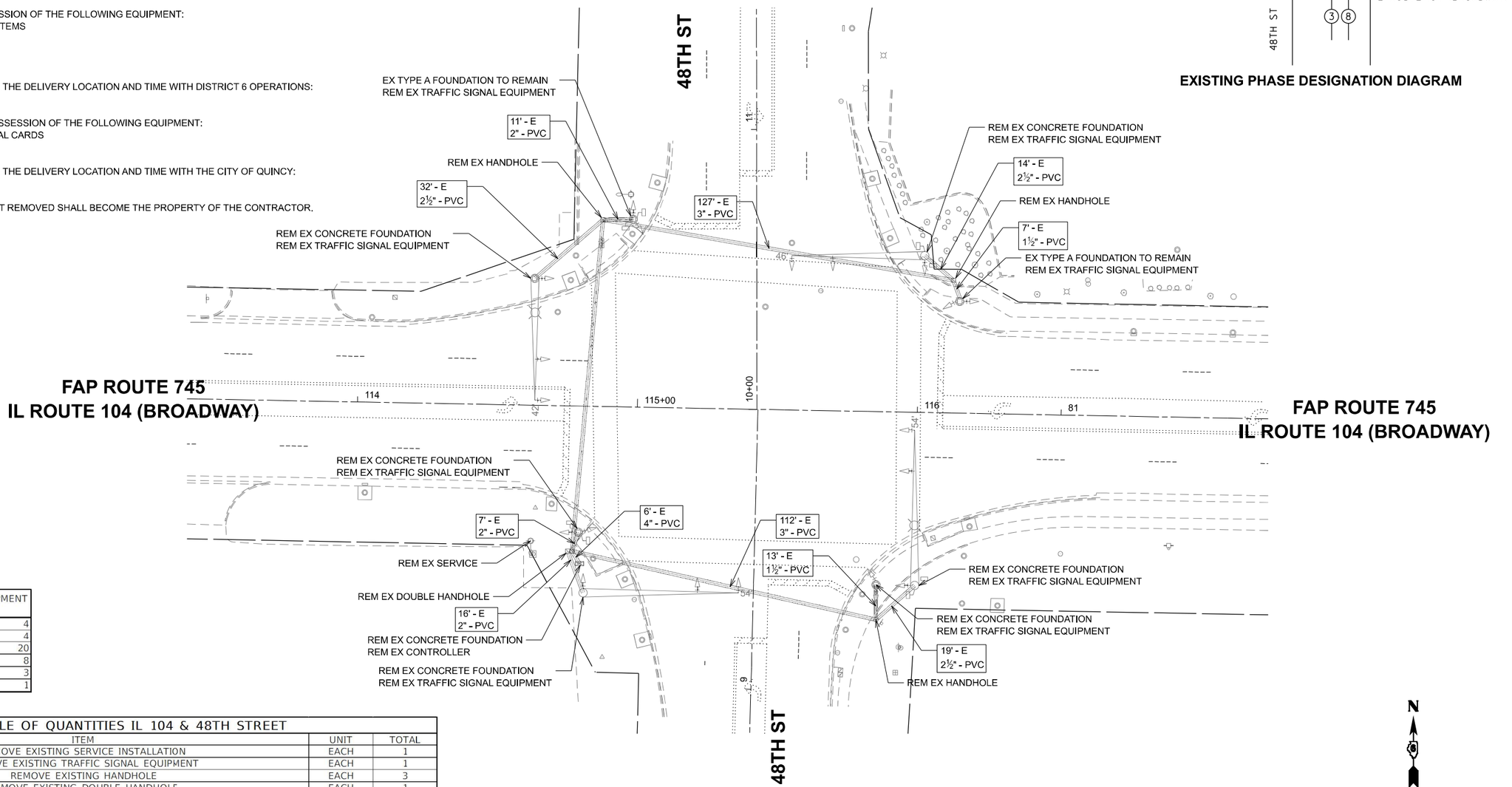
THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



EXISTING PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
MAST ARM ASSEMBLY AND POLE	4
TRAFFIC SIGNAL POST	4
VEHICULAR SIGNAL HEAD	20
PEDESTRIAN SIGNAL HEAD	8
PEDESTRIAN PUSH-BUTTON POST	3
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & 48TH STREET

CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1538

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 48TH STREET SIGNAL CABINET TO THE 52ND STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Traffic Signal Plan
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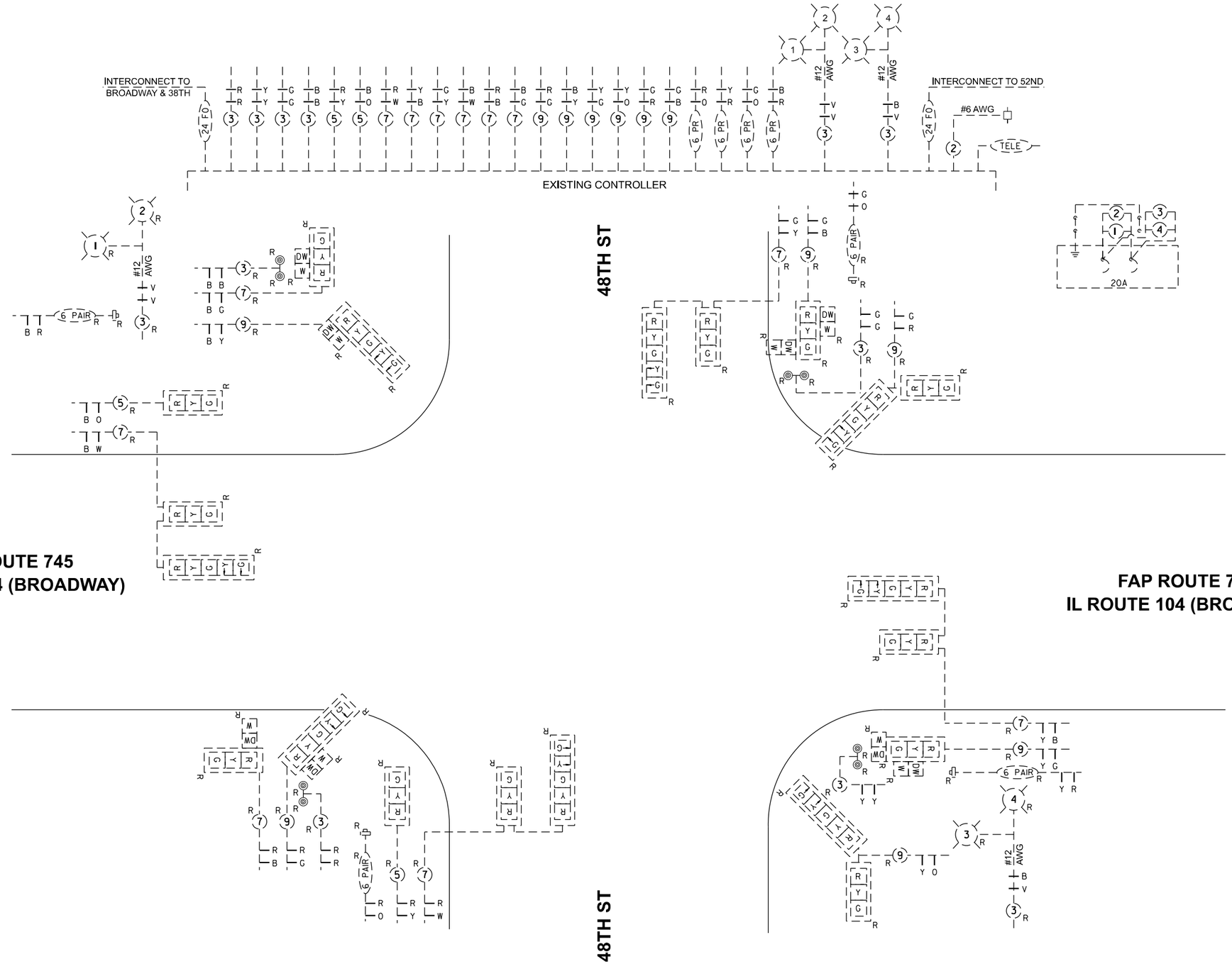
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 48TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	94
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Existing Traffic Signal Detail
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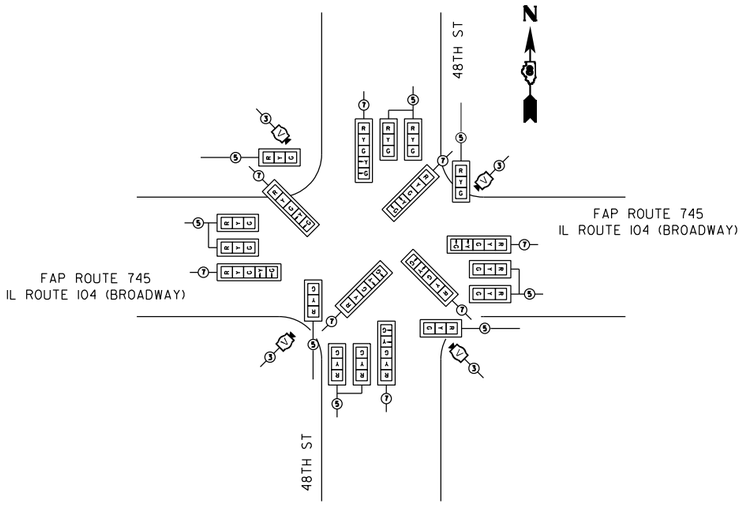
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PLOT DATE = 12/23/2025	DATE -	REVISED -

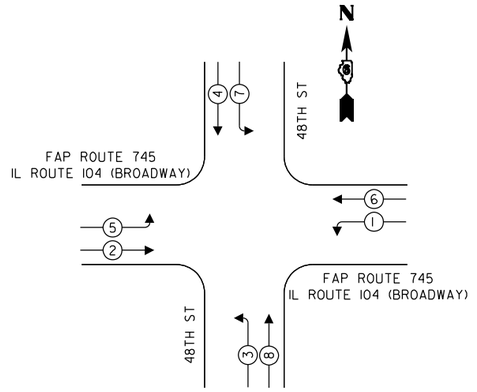
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 AND 48TH STREET

SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

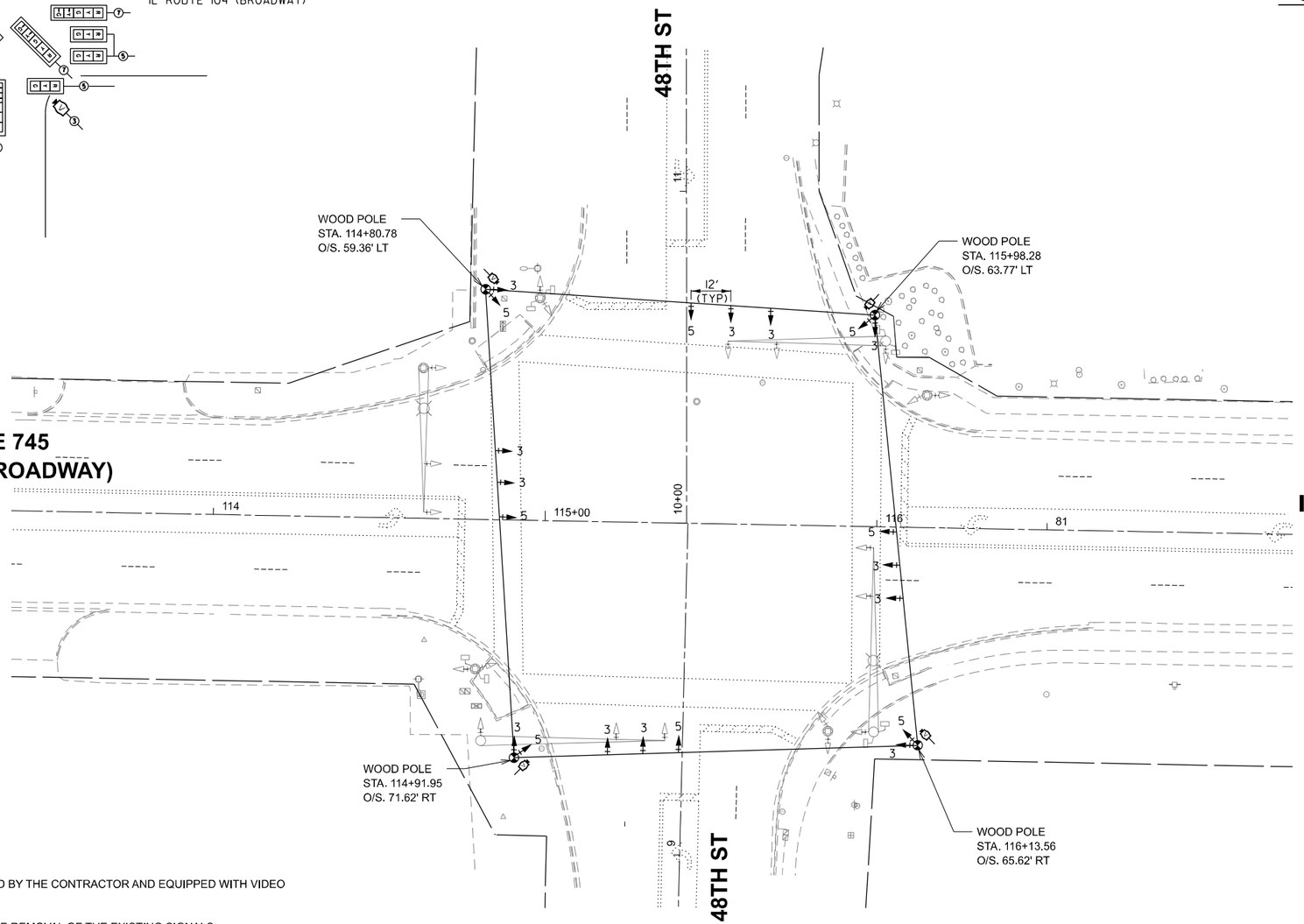
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	95
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	





TEMP PHASE DIAGRAM

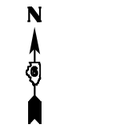
FAP ROUTE 745
IL ROUTE 104 (BROADWAY)



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.



0 20 40
SCALE IN FEET

MODEL: Temporary Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FEI\jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-48th.dgn

FUHRMANN ENGINEERING WWW. FUHRMANN-ENG .COM	USER NAME = msmit	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 48TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	96
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

PROPOSED TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

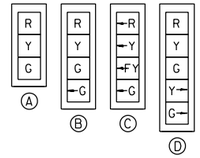
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

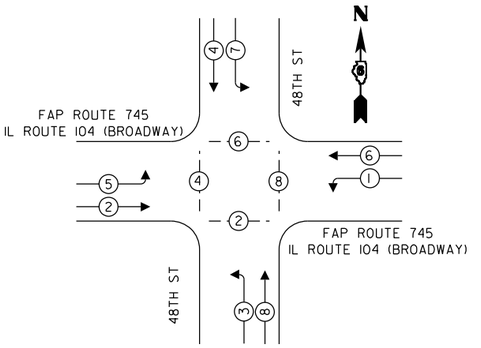
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

N

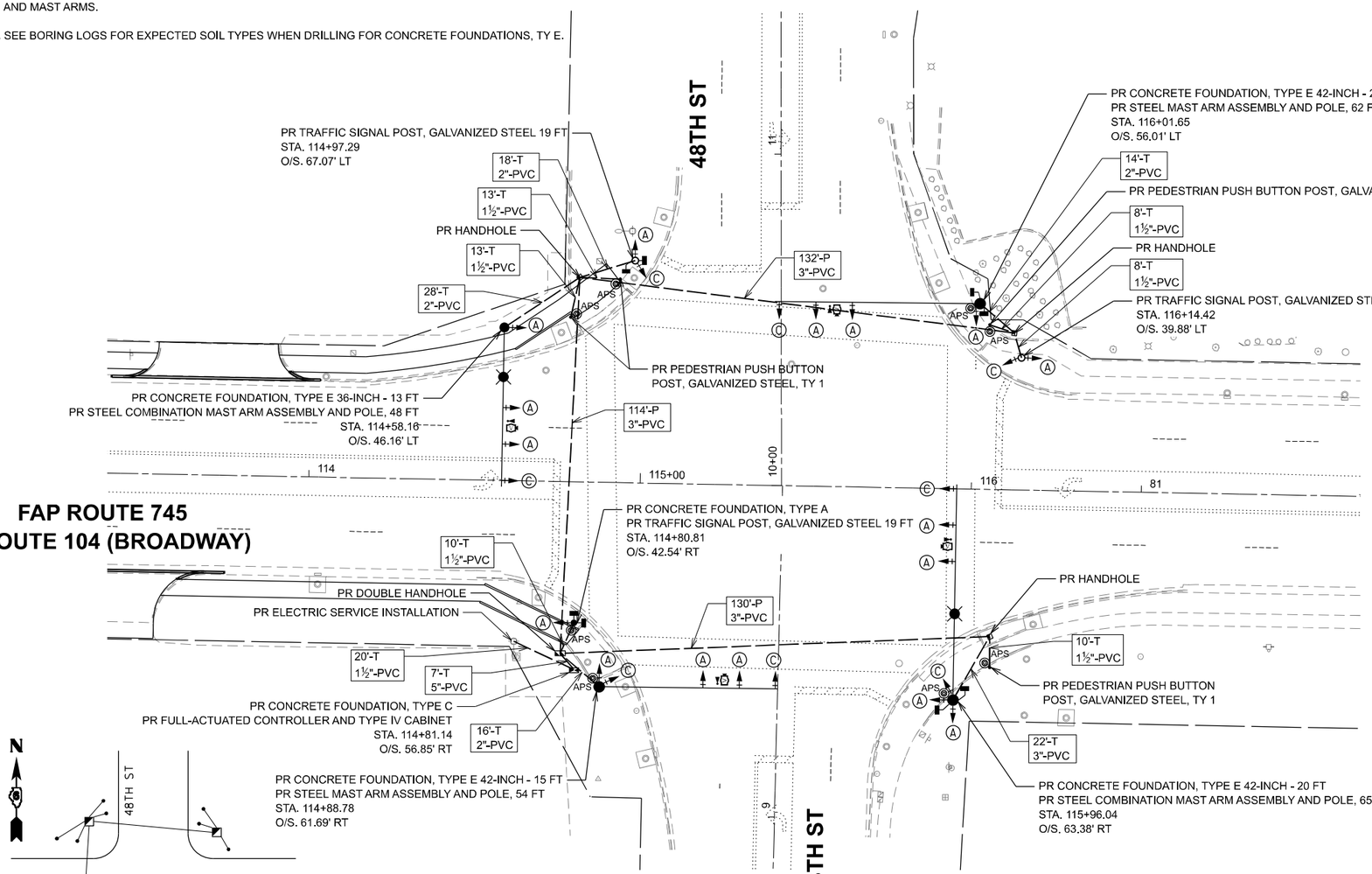
0 20 40
SCALE IN FEET



TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 48TH STREET

CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	82
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	76
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	398
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	7
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1396
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1474
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4189
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	947
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	26
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1800
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87703060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 65 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	56
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	24
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1538
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE 48TH STREET SIGNAL CABINET TO THE 52ND STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_VV_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-48th.dgn

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	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 48TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	97
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		

INTERCONNECT TO 38TH ST.

INTERCONNECT TO MAINE & 48TH

24 F0

6 F0

LED

LED

INTERCONNECT TO BROADWAY & 52ND ST

24 F0

#6 AWG

PROPOSED CONTROLLER

48TH ST

APS

15

#10/1

#18/3

48TH ST

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Proposed Traffic Signal Detail
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	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 48TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	98
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

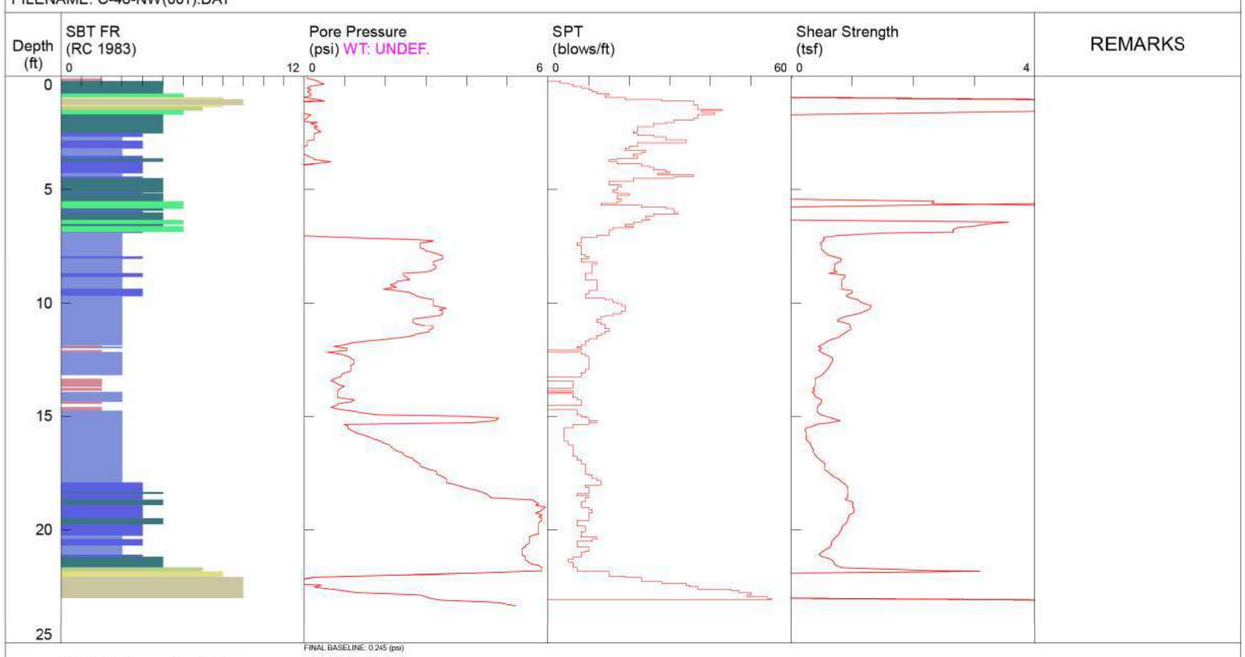
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PLOT DATE = 12/12/2023
USER NAME = mgehl
DESIGNED -
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SOUNDING

TOTAL DEPTH: 23.340 ft
SITE: 48th ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-48-NW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-48-NW
PROJECT: Broadway Mast Arms 2
LOCATION: NW Quad



NOTES:: Example of notes

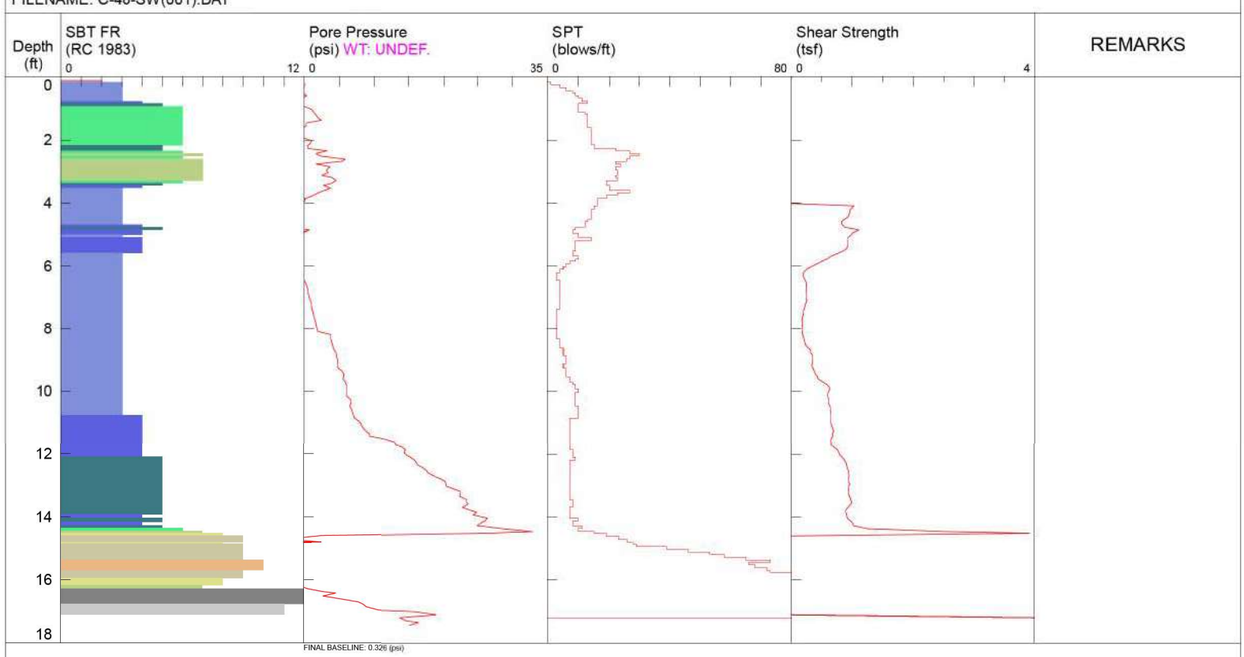
1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

SOUNDING

TOTAL DEPTH: 17.439 ft
SITE: 48th ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-48-SW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-48-SW
PROJECT: Broadway Mast Arms 2
LOCATION: SW Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND 48TH STREET

SCALE: N.T.S.
SHEET 6 OF 6 SHEETS
STA.
TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	10(RS)-14,TS-1, (1+3)(B3)BJR,BDR	ADAMS	240	99

ILLINOIS FED. AID PROJECT
CONTRACT NO. 72295

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

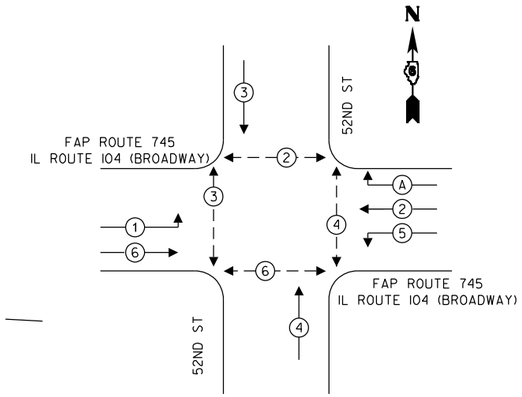
5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

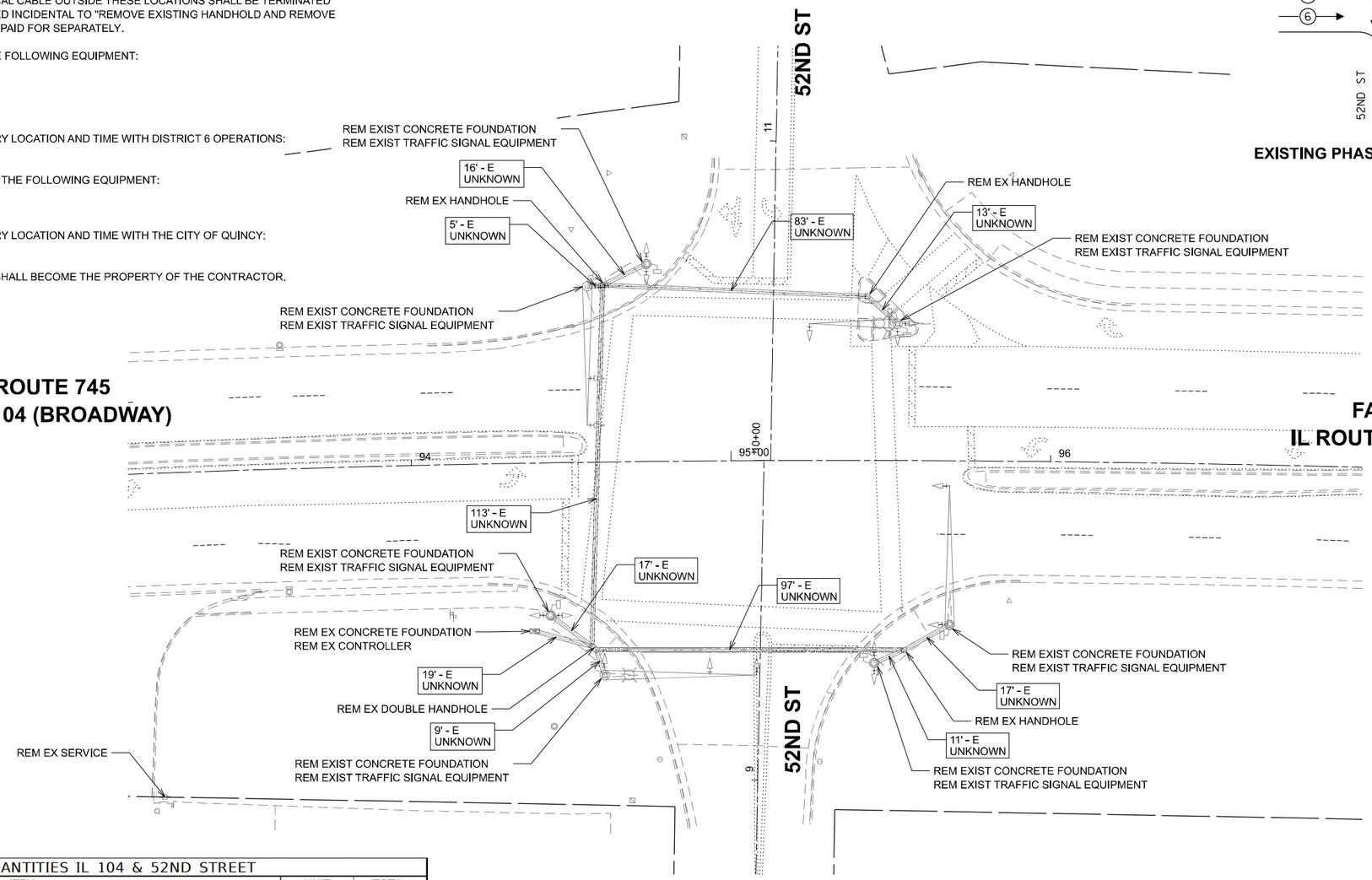
   THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

   ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



EXISTING PHASE DESIGNATION DIAGRAM

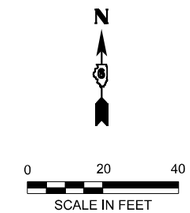


REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
MAST ARM ASSEMBLY AND POLE	4
TRAFFIC SIGNAL POST	3
VEHICULAR SIGNAL HEAD	19
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & 52ND STREET

CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1482

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 52ND STREET SIGNAL CABINET TO THE 54TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.



MODEL: Existing Traffic Signal Plan
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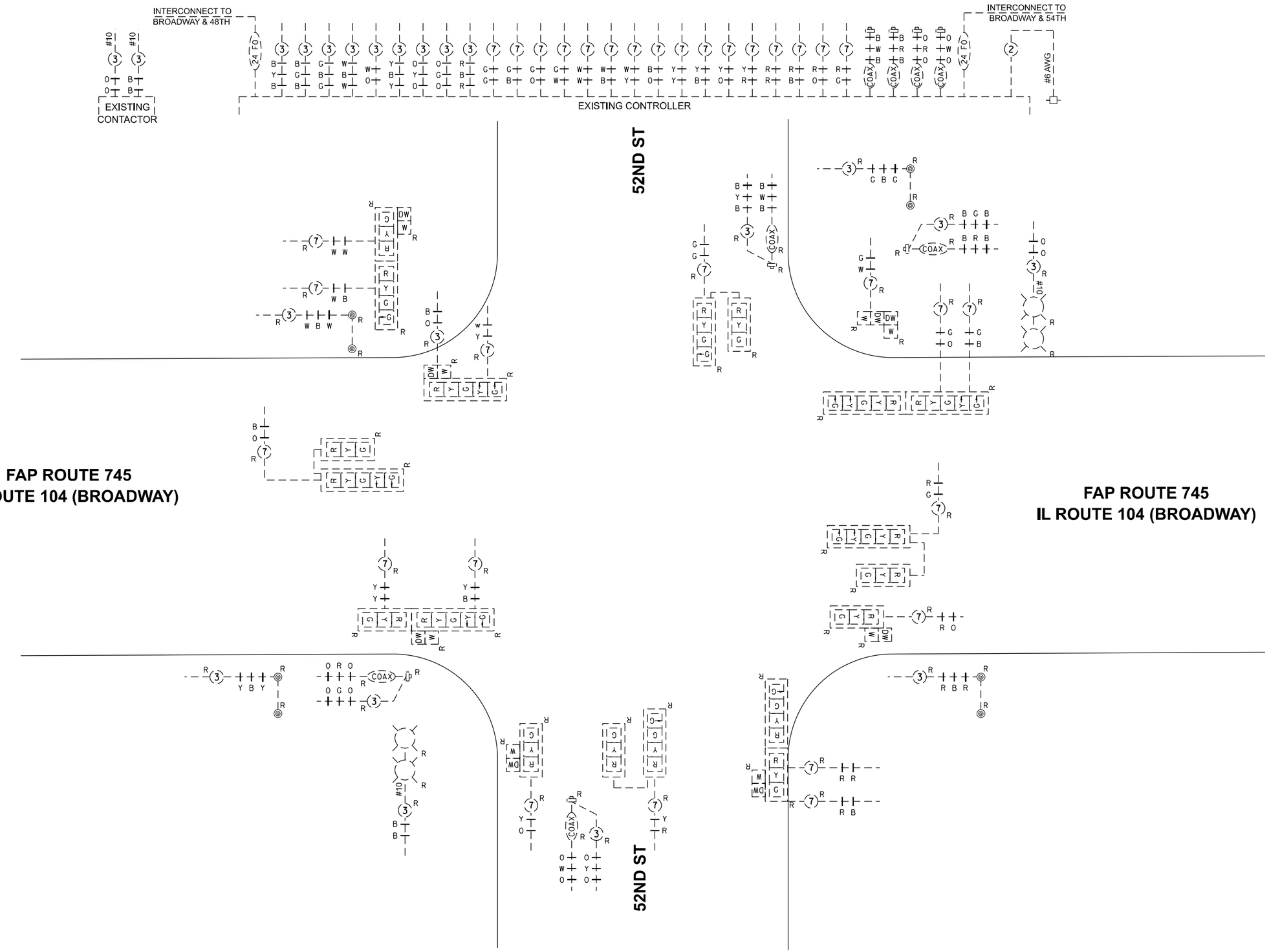
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	100
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

MODEL: Existing Traffic Signal Detail
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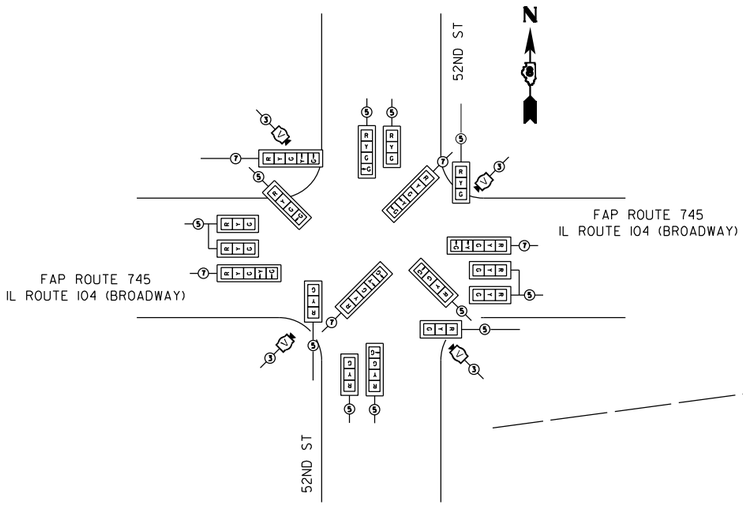
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PLOT DATE = 12/23/2025	DATE -	REVISED -	

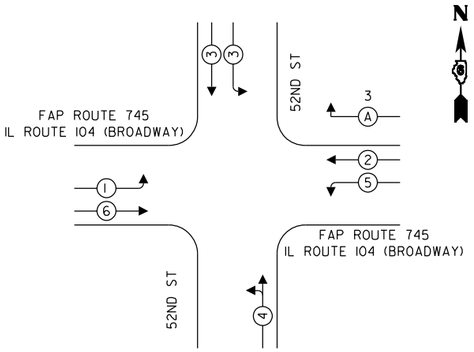
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: N.T.S. | SHEET 2 OF 7 SHEETS | STA. | TO STA.

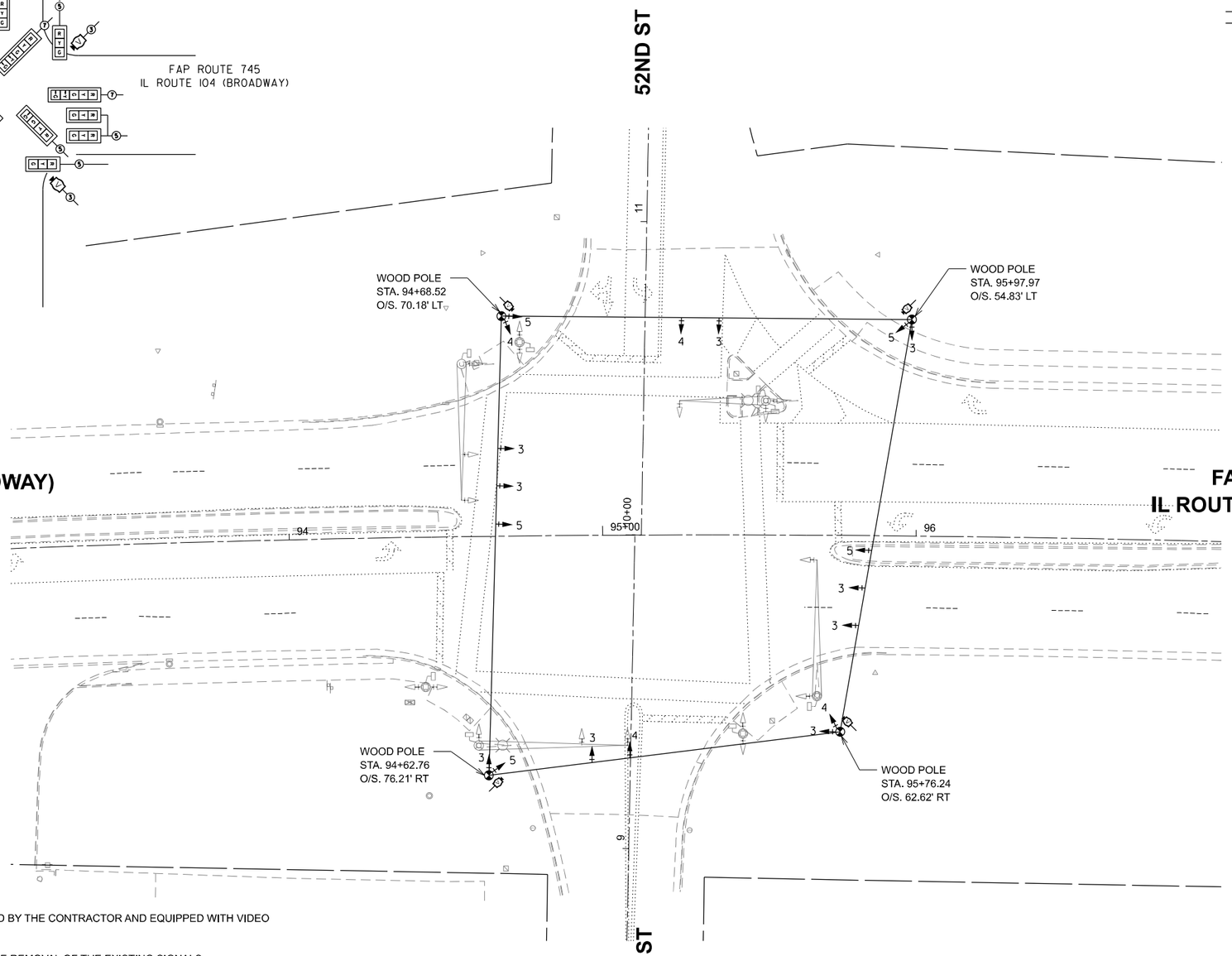
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	101
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			



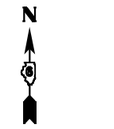


TEMP PHASE DIAGRAM

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)



TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

MODEL: Temporary Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-52nd.dgn

FUHRMANN ENGINEERING WWW. FUHRMANN-ENG .COM	USER NAME = msmit	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	102
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

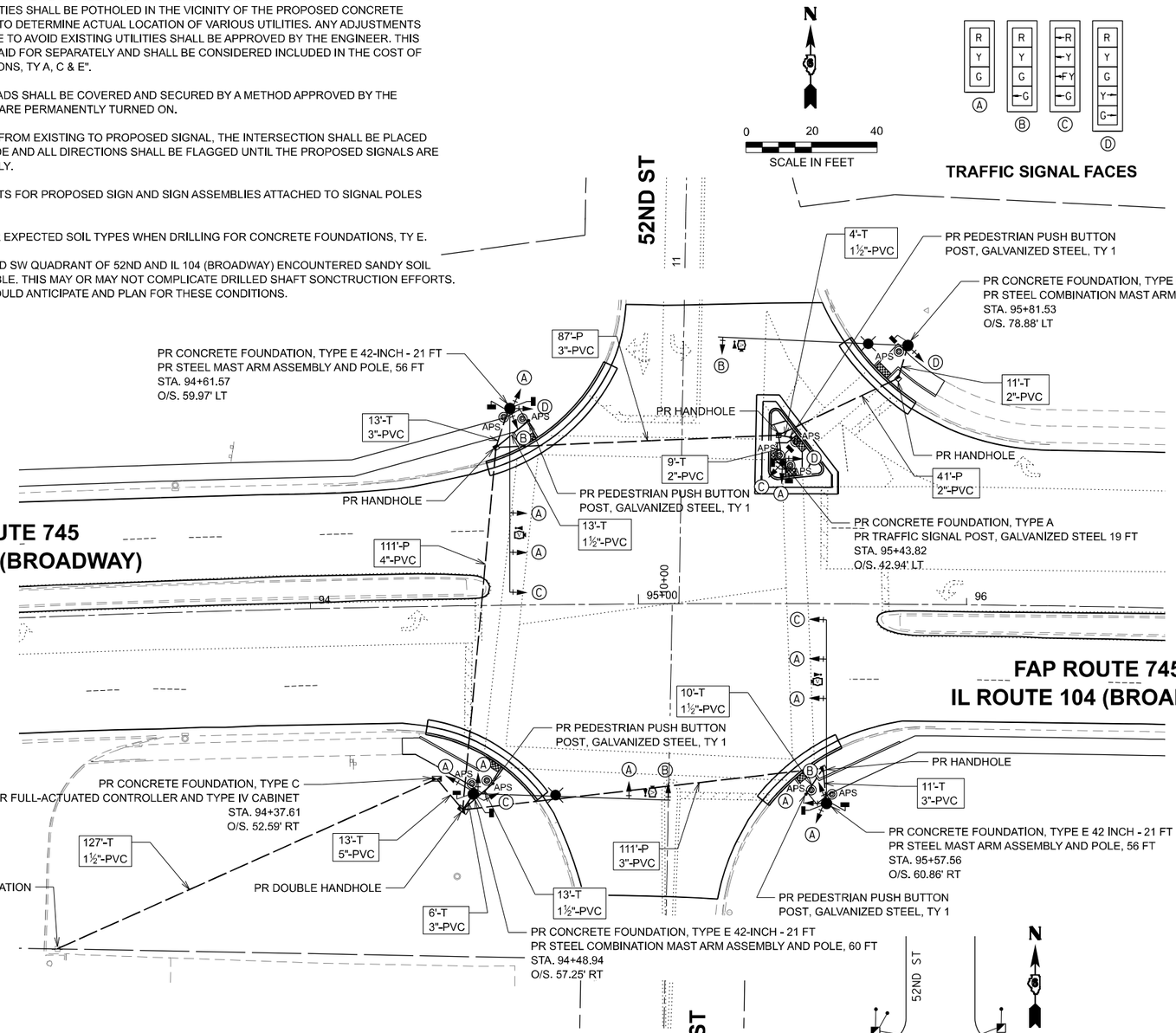
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

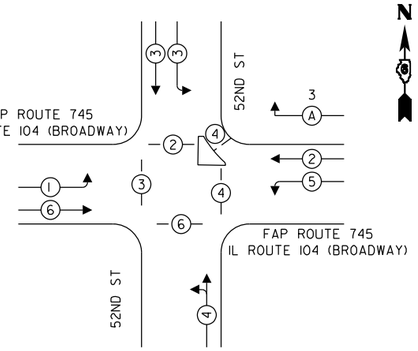
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

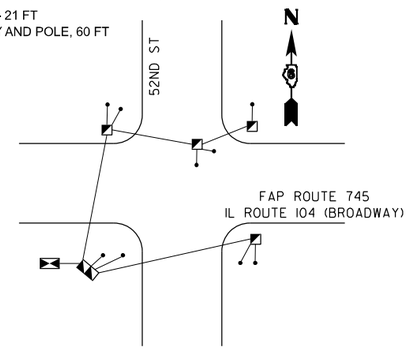
6. BORINGS AT THE SE AND SW QUADRANT OF 52ND AND IL 104 (BROADWAY) ENCOUNTERED SANDY SOIL BELOW THE WATER TABLE. THIS MAY OR MAY NOT COMPLICATE DRILLED SHAFT SONCTRUCTION EFFORTS. THE CONTRACTOR SHOULD ANTICIPATE AND PLAN FOR THESE CONDITIONS.



TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 52ND STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	167
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	61
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	228
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	111
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	13
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1843
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1912
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2451
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	756
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	924
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	133
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1390
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	1
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	2
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	84
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	22
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1482
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE 52ND STREET SIGNAL CABINET TO THE 54TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	103
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

INTERCONNECT TO
48TH ST.

24 F0

PROPOSED CONTROLLER

LED

LED

INTERCONNECT TO
BROADWAY & 54TH ST

24 F0

#6 AWG

52ND ST

APS

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

52ND ST

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Proposed Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-52nd.dgn

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	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: N.T.S. | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	104
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

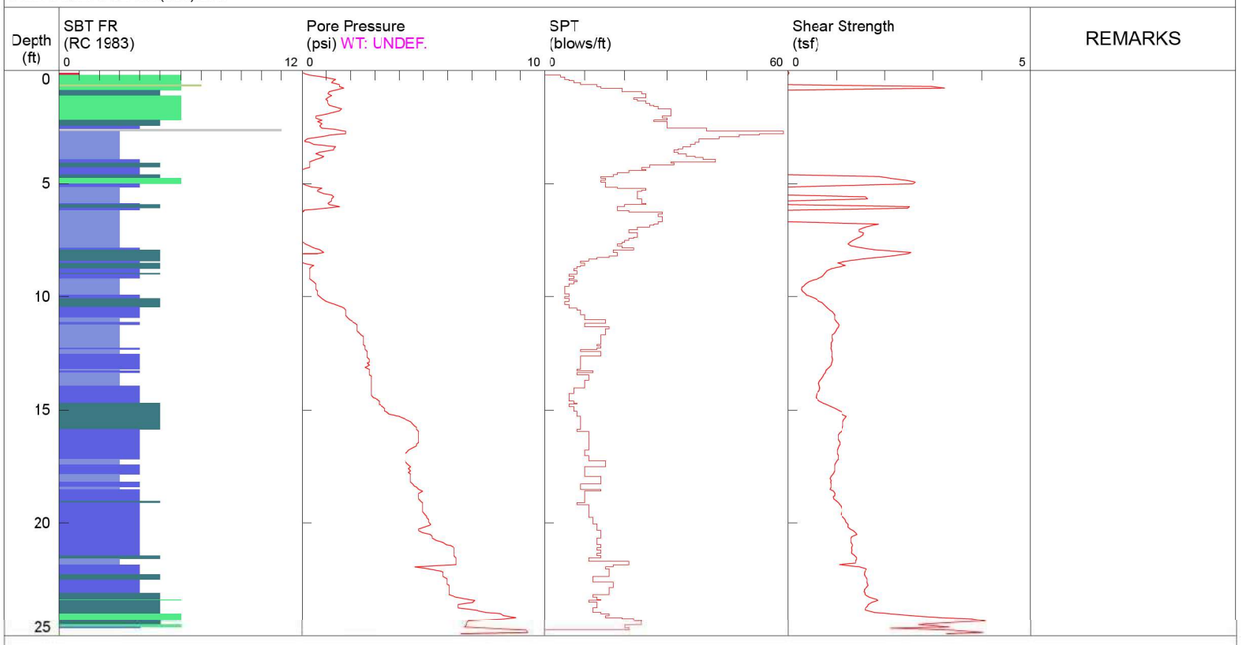
MODEL: Boring Logs - 1
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DATE -
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REVISED -

SOUNDING

TOTAL DEPTH: 25.013 ft
SITE: 52nd ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-52-NW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-52-NW
PROJECT: Broadway Mast Arms 2
LOCATION: NW Quad



NOTES:: Example of notes

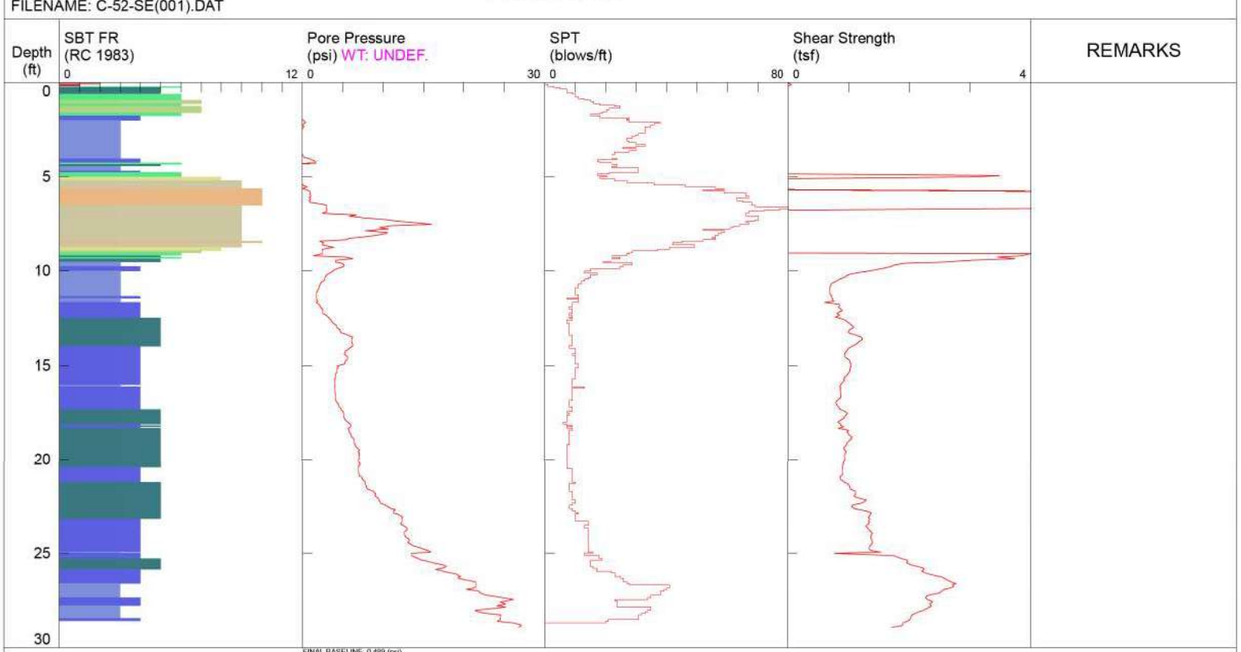
1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

SOUNDING

TOTAL DEPTH: 28.931 ft
SITE: 52nd ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-52-SE(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-52-SE
PROJECT: Broadway Mast Arms 2
LOCATION: SE Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: 1"=20'
SHEET 6 OF 7 SHEETS
STA.
TO STA.

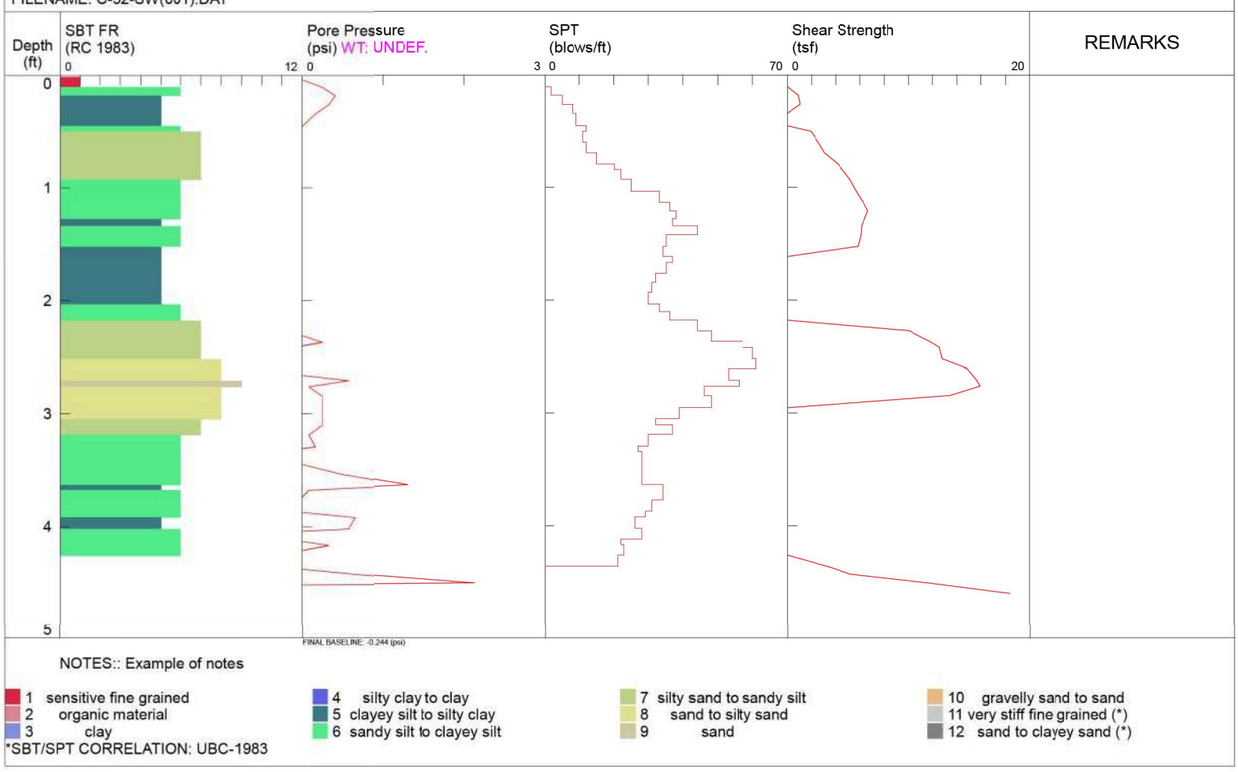
F.A.P. RTE. 745
SECTION 10(RS)-14 TS-1 (1+9)(RS)BUR,EROR
COUNTY ADAMS
TOTAL SHEETS 240
SHEET NO. 105
ILLINOIS FED. AID PROJECT
CONTRACT NO. 72295

MODEL: Boring Logs - 2
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FEIjobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-52nd.dgn

SOUNDING

TOTAL DEPTH: 4.601 ft
SITE: 52nd ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-52-SW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-52-SW
PROJECT: Broadway Mast Arms 2
LOCATION: SW Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

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DATE -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND 52ND STREET

SCALE: 1"=20'
SHEET 7 OF 7 SHEETS
STA.
TO STA.

F.A.P. RTE. 745
SECTION 10(RS)-14.TS(L) (1+(RS))BUR,EDR
COUNTY ADAMS
CONTRACT NO. 72295
TOTAL SHEETS 240
SHEET NO. 106
ILLINOIS FED. AID PROJECT

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

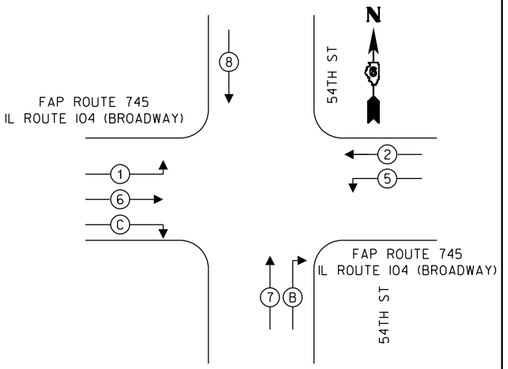
5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

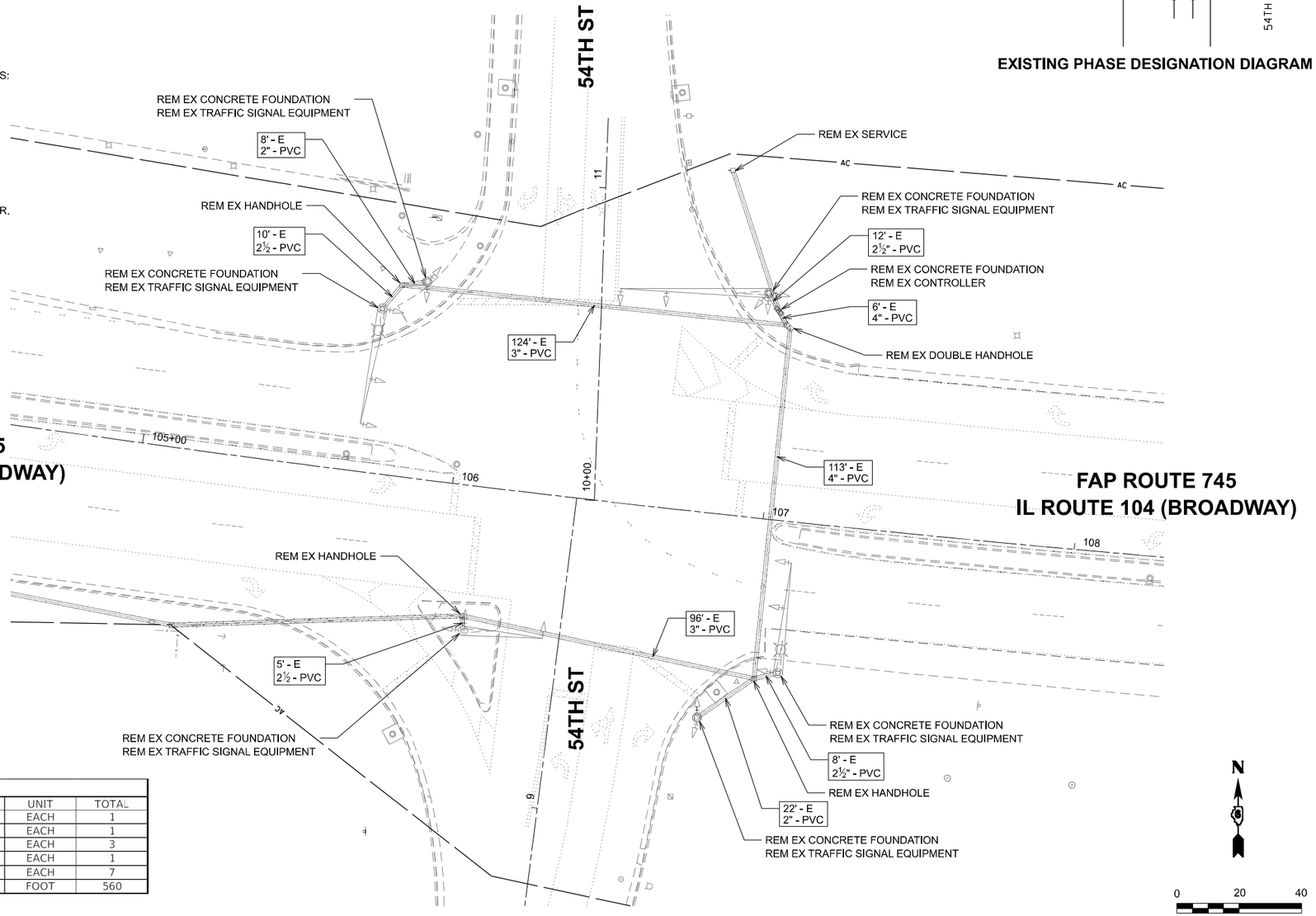
THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



EXISTING PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
MAST ARM ASSEMBLY AND POLE	4
TRAFFIC SIGNAL POST	2
VEHICULAR SIGNAL HEAD	20
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & 54TH STREET			
CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	560

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 54TH STREET SIGNAL CABINET TO THE SB I-172 RAMP SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Traffic Signal Plan
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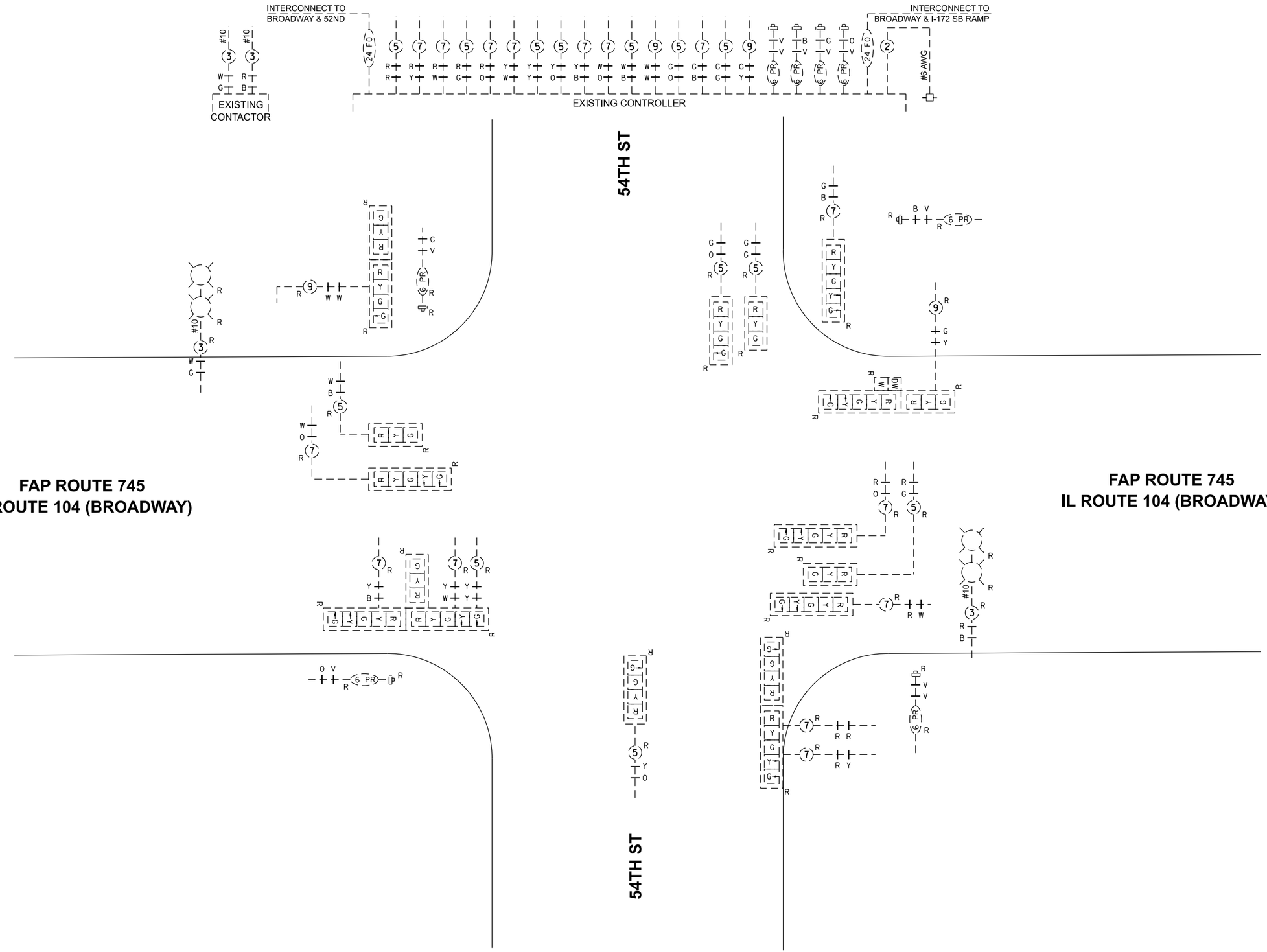
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 54TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	107
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			



MODEL: Existing Traffic Signal Detail
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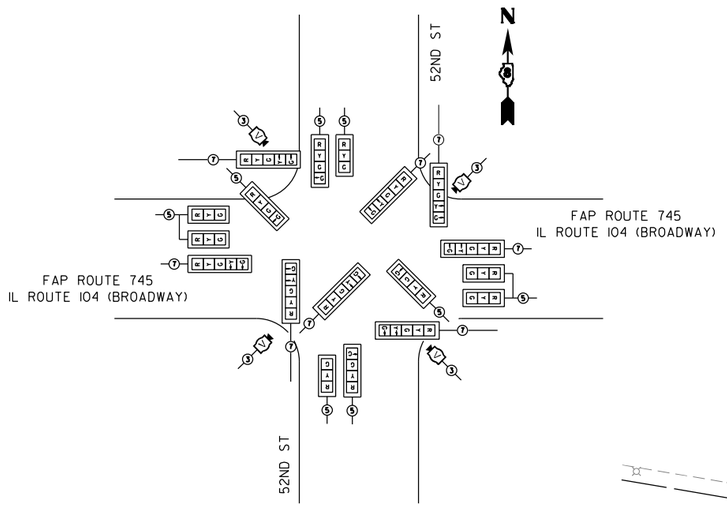
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		CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

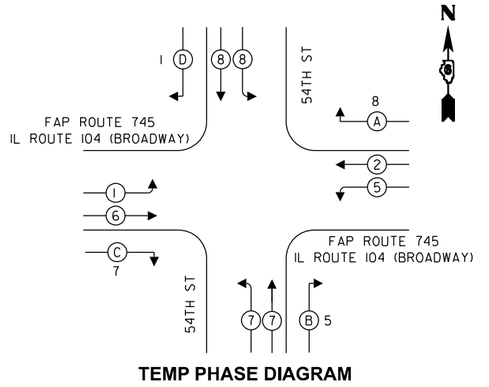
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 54TH STREET

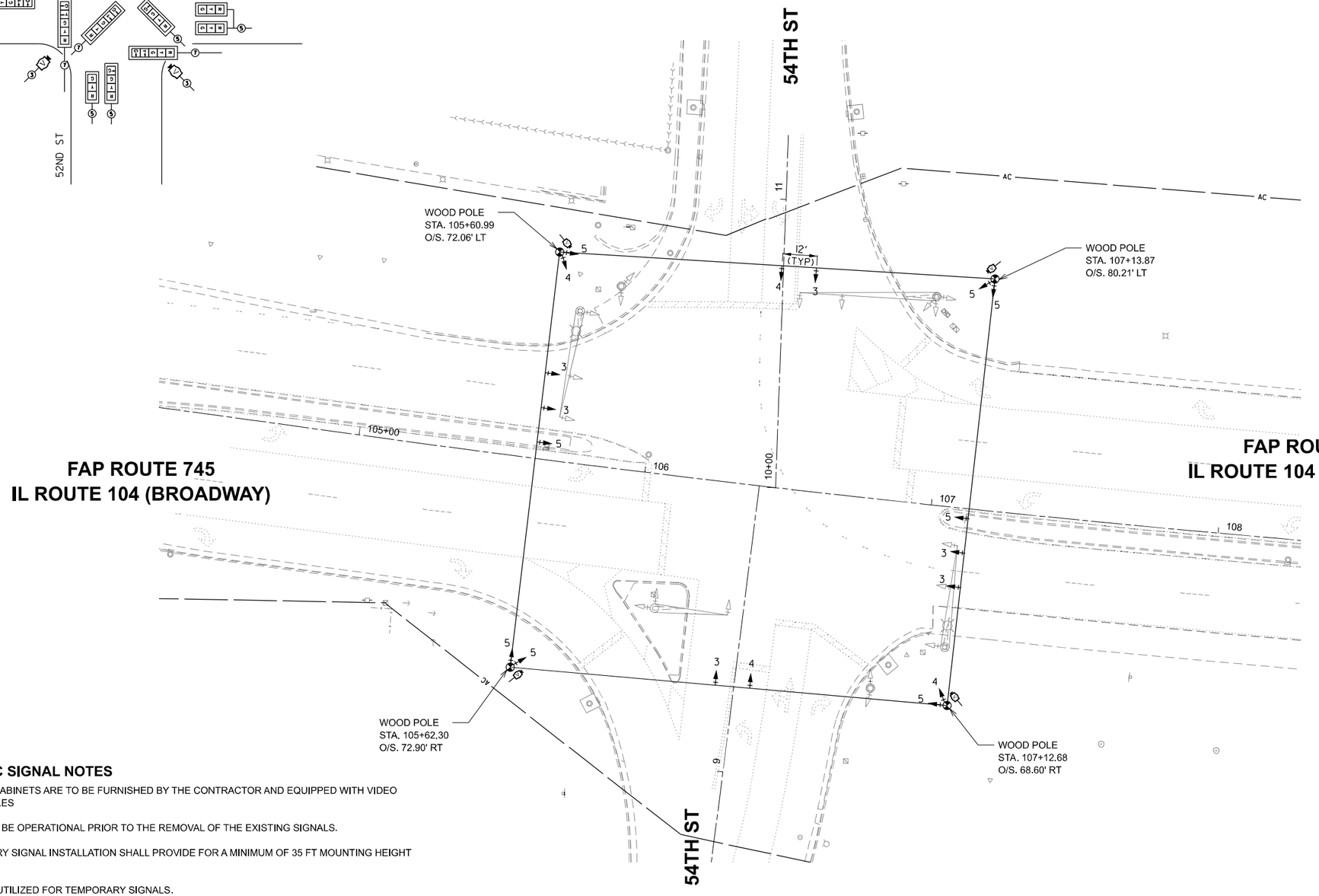
SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	108
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		





TEMP PHASE DIAGRAM



TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

N

0 20 40
SCALE IN FEET

MODEL: Temporary Signal Detail
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 54TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	109
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

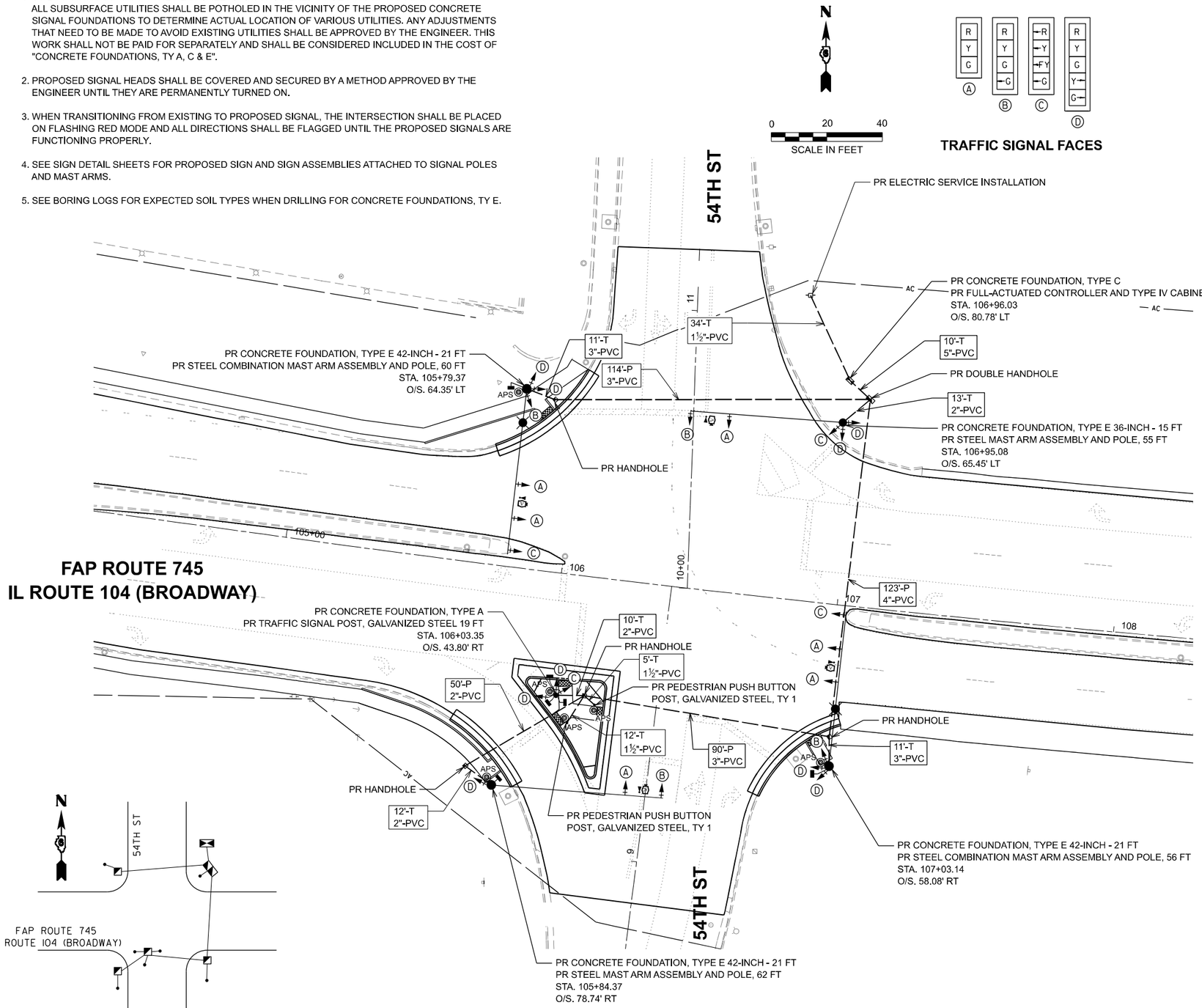
1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

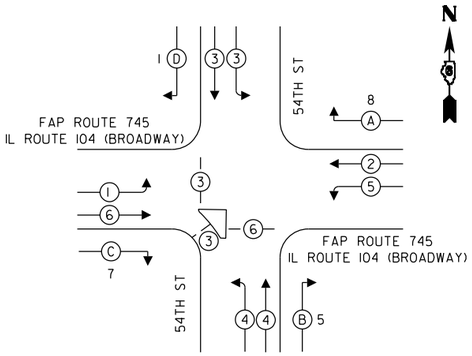
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

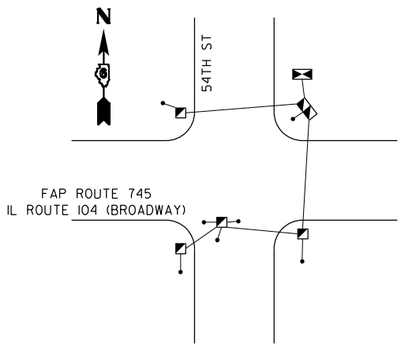
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.



TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 54TH STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	51
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	85
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	226
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	123
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	10
81400100	HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1754
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1250
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1874
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1729
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	819
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	40
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1370
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	1
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1
87700404	STEEL MAST ARM ASSEMBLY AND POLE, 62 FT.	EACH	1
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	63
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	9
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	23
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	560
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE 54TH STREET SIGNAL CABINET TO THE SB I-172 RAMP SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-x_Ph1-2_FEI_PrimeWO-04\CADD\CADD Sheets\72295-sht-ts-54th.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 54TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	110
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

INTERCONNECT TO
52ND ST

24 F0

PROPOSED CONTROLLER

LED LED

INTERCONNECT TO
BROADWAY & SB I-172 RAMP

24 F0

#6 AWG

54TH ST

APS

54TH ST

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

MODEL: Proposed Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-54th.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 54TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	111
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

MODEL: Boring Logs
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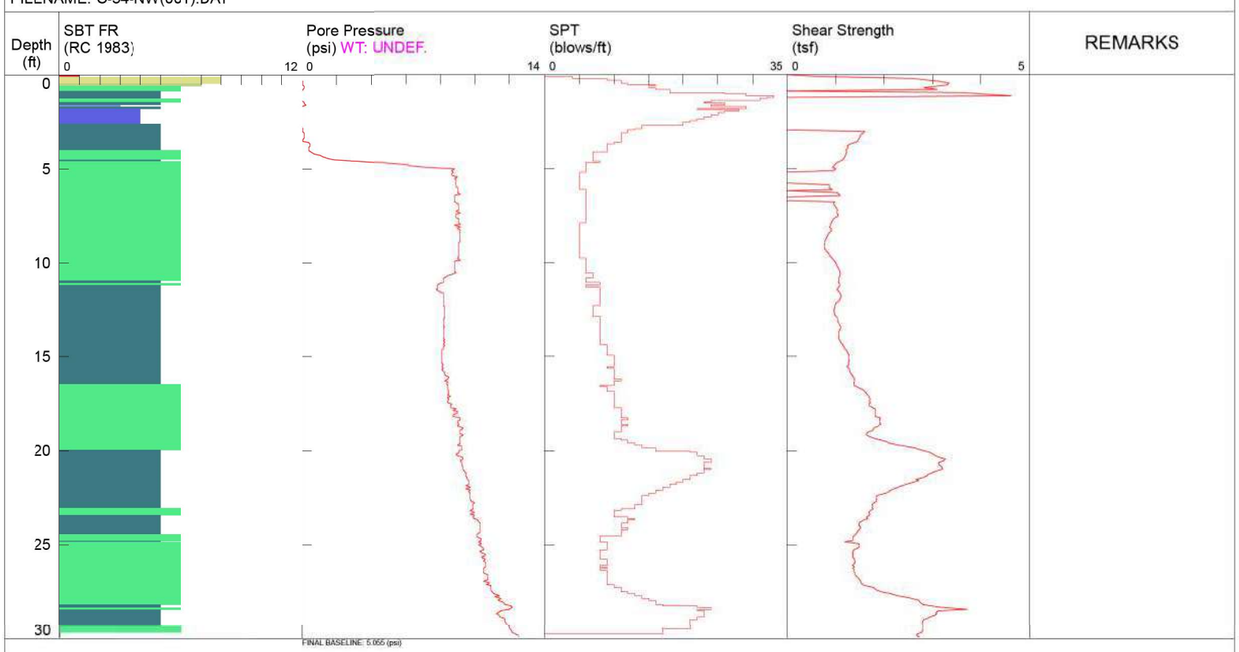
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PLOT DATE = 12/22/2025	USER NAME = mgehl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
DATE -			REVISED -

SOUNDING

TOTAL DEPTH: 30.004 ft
SITE: 54TH &104
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-54-NW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-54-NW
PROJECT: Broadway Mast Arms 2
LOCATION: NW Quad



NOTES:: Example of notes

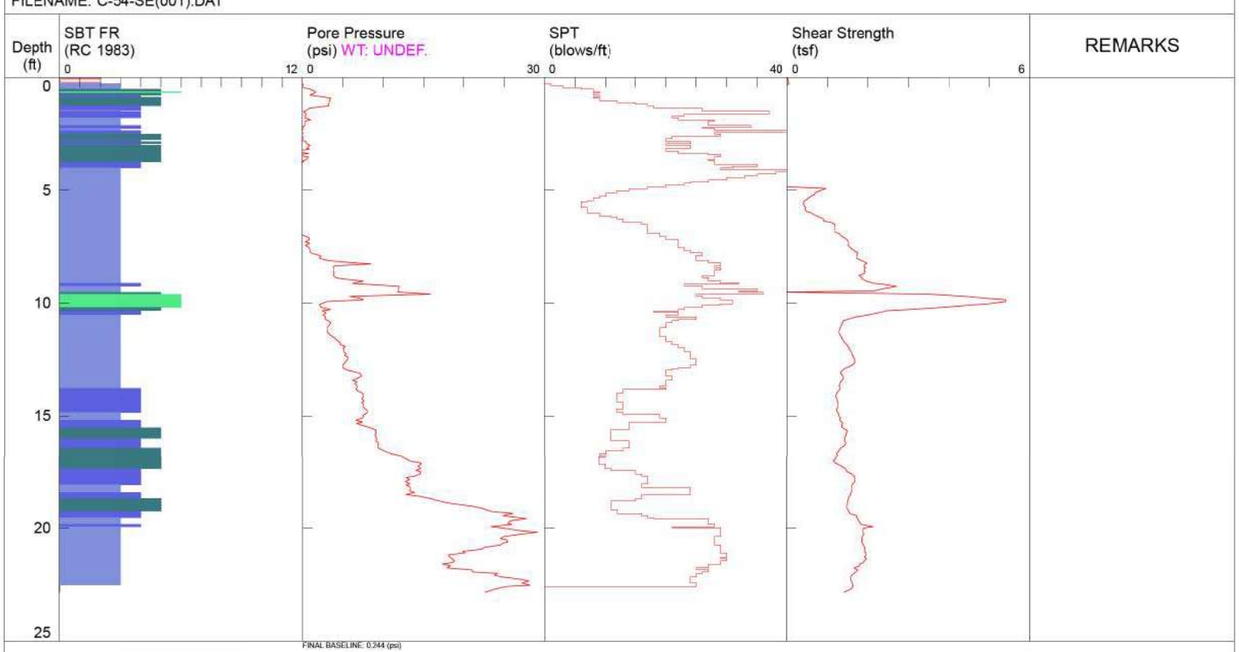
1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

SOUNDING

TOTAL DEPTH: 22.845 ft
SITE: 54th ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-54-SE(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-54-SE
PROJECT: Broadway Mast Arms 2
LOCATION: SE Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL
IL ROUTE 104 (BROADWAY) AND 54TH STREET

SCALE: N.T.S.	SHEET 6 OF 6 SHEETS	STA.	TO STA.	F.A.P. RTE. 745	SECTION 10(RS)-14.TS(L) (14)-HB(B)BJR,BDR	COUNTY ADAMS
				ILLINOIS FED. AID PROJECT		CONTRACT NO. 72295

TOTAL SHEETS 240
SHEET NO. 112

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

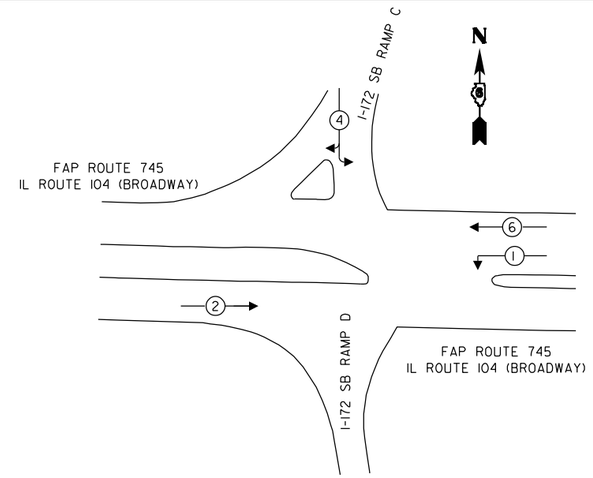
   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

   THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

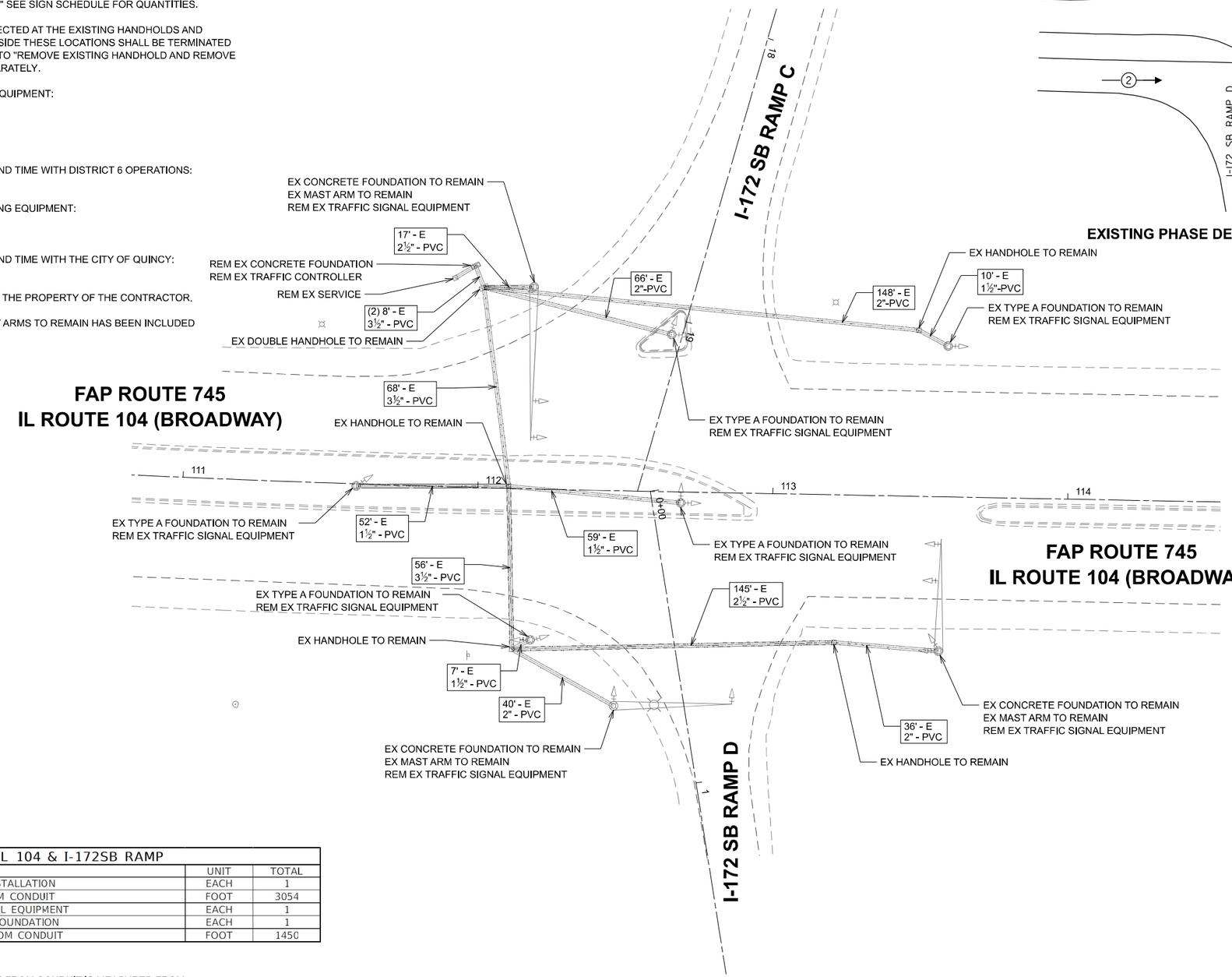
   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

   ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

6. QUANTITY TO REMOVE ELECTRIC CABLE FROM THE EXISTING MAST ARMS TO REMAIN HAS BEEN INCLUDED IN THE QUANTITY FOR REMOVE ELECTRIC CABLE FROM CONDUIT.



EXISTING PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
TRAFFIC SIGNAL POST	5
VEHICULAR SIGNAL HEAD	16
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & I-172SB RAMP			
CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3054
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1450

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE I-172 SB RAMP SIGNAL CABINET TO THE I-172 NB RAMP SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Traffic Signal Plan
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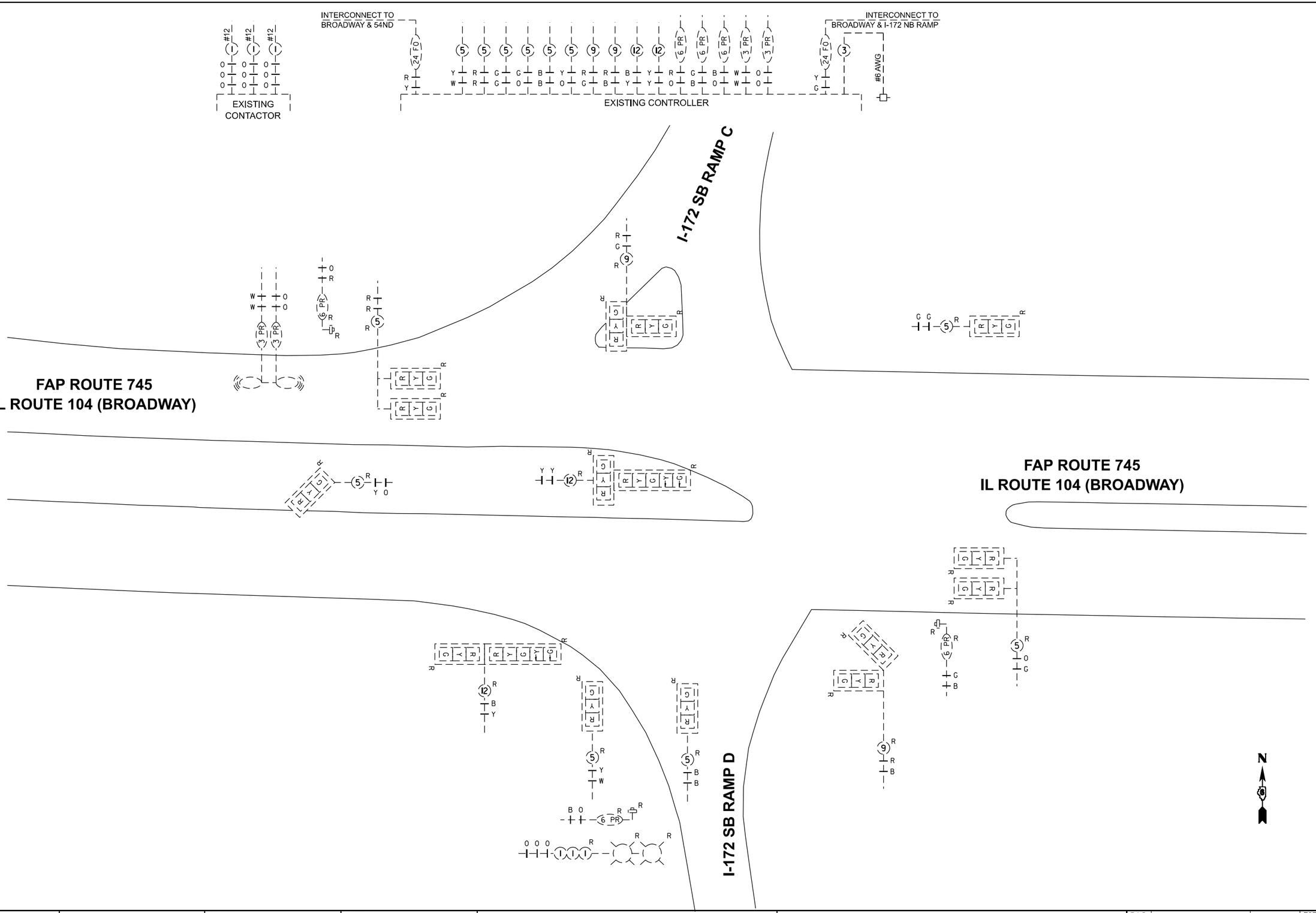
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	DRAWN -	REVISED -
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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	113
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			



MODEL: Existing Traffic Signal Detail
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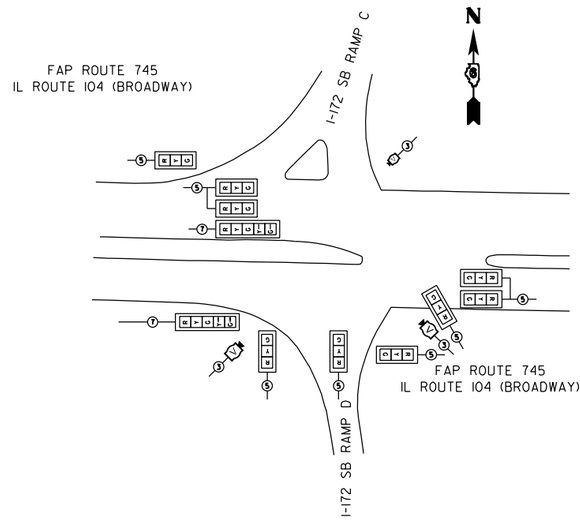
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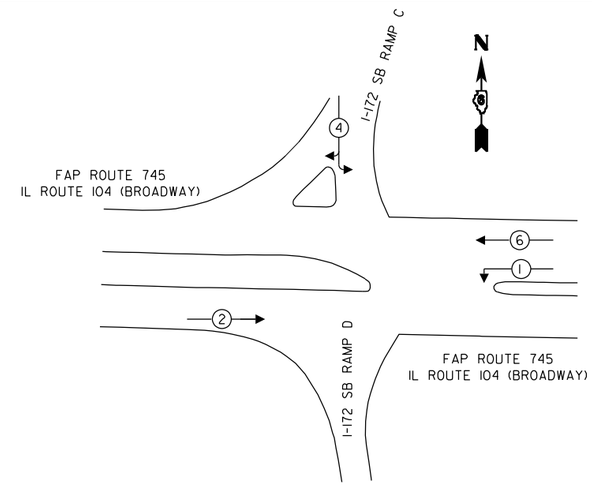
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

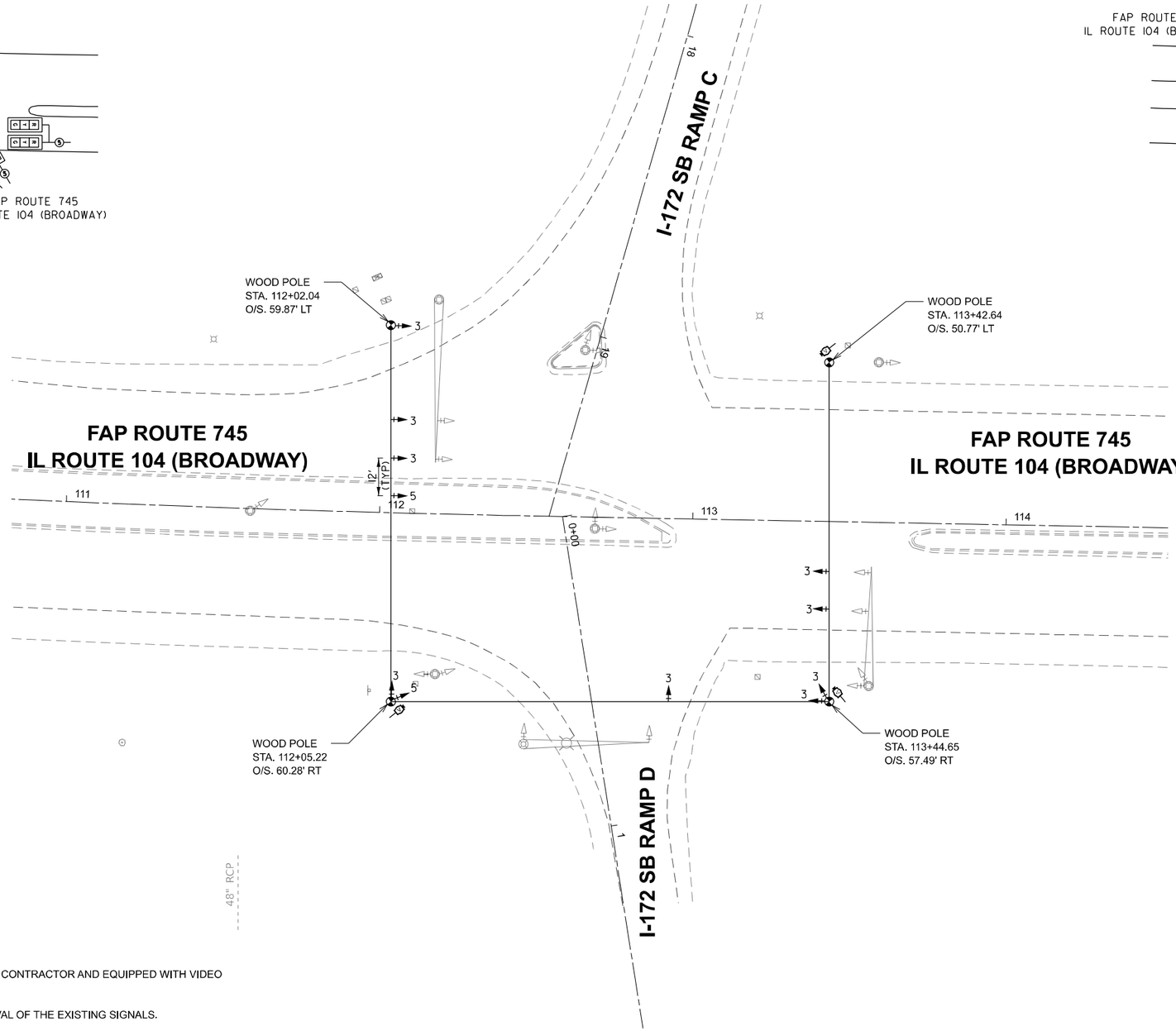
SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	114
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			





TEMP PHASE DIAGRAM



TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

N

0 20 40
SCALE IN FEET

MODEL: Temporary Signal Detail
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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	115
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

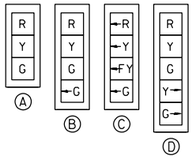
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2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

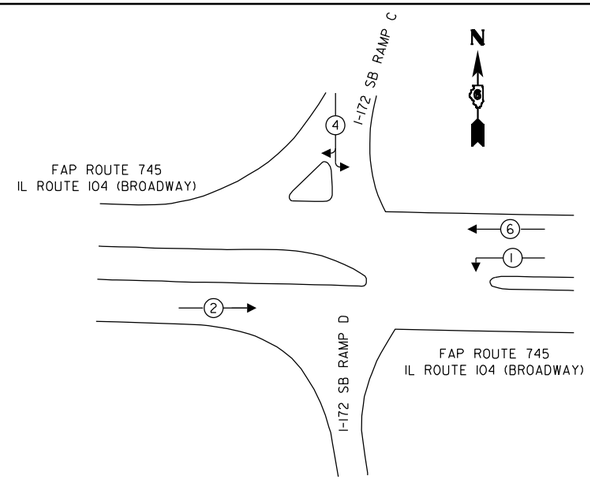
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

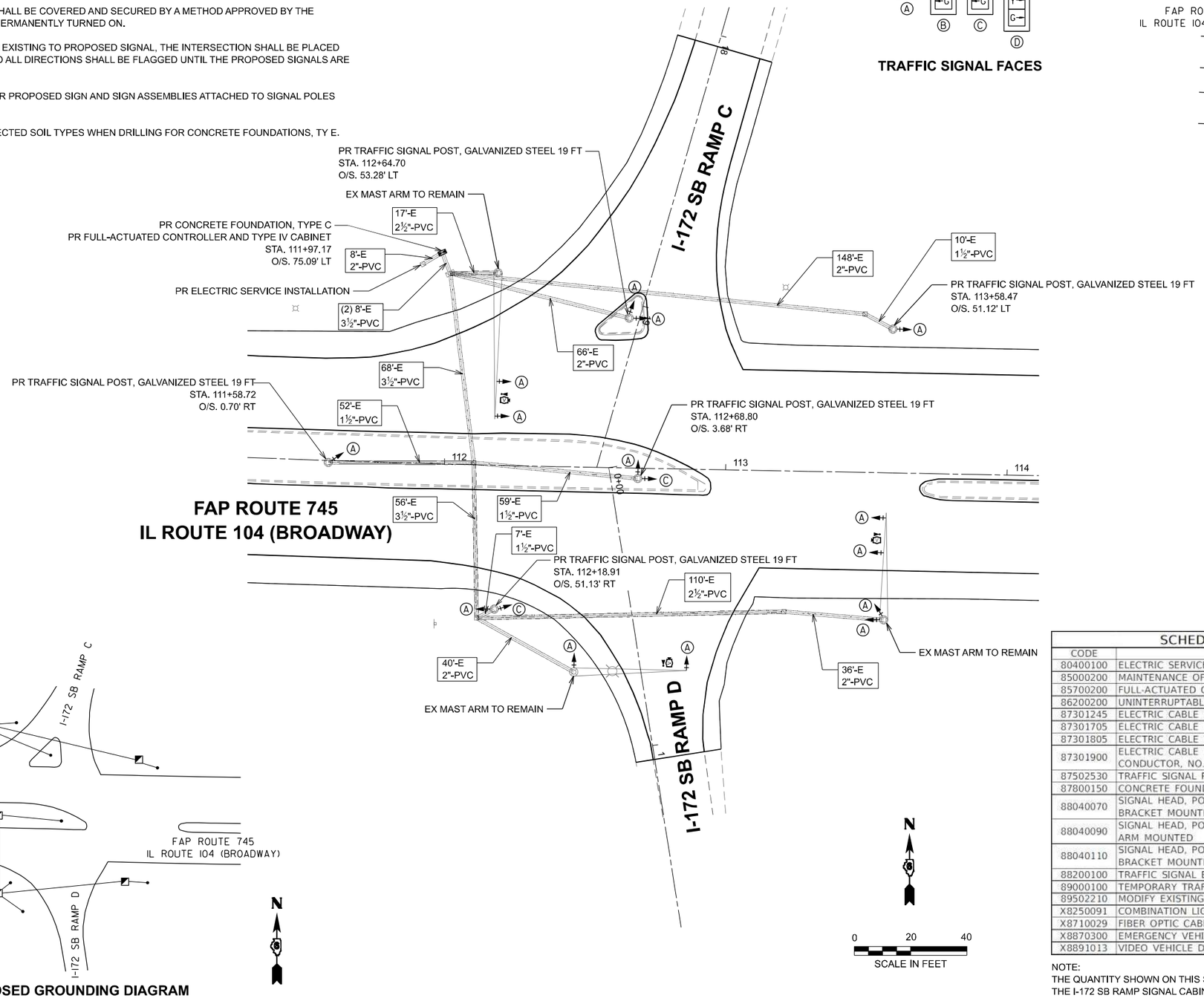
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

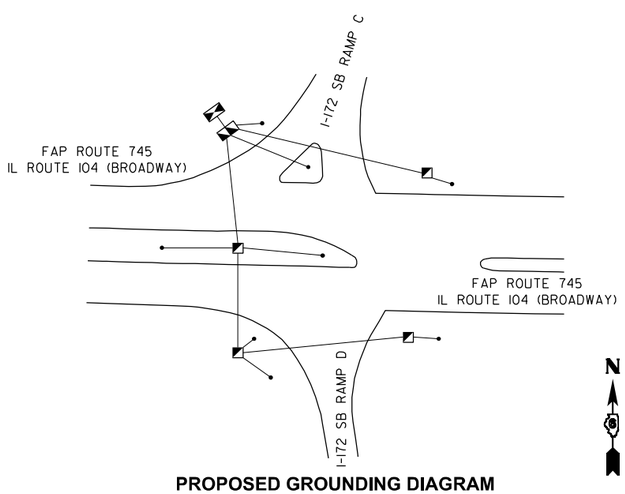


TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM





PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & I-172SB			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2917
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	734
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	14
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1220
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	5
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1450
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE I-172 SB RAMP SIGNAL CABINET TO THE I-172 NB RAMP SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-J_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-I-172_SB_Ramp.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	116
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

INTERCONNECT TO
54TH ST.

24 F.O.

INTERCONNECT TO
I-172 NB RAMP

24 F.O.

#6 AWG

PROPOSED CONTROLLER

#18/3

#10/1

I-172 SB RAMP C

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

I-172 SB RAMP D

N

MODEL: Proposed Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FEI\Jobs_2023\23-2100_PTB206-040_D6_VV_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-I-172_SB_Ramp.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	117
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

MODEL: Boring Logs
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USER NAME = mgehl
PLOT DATE = 12/22/2023

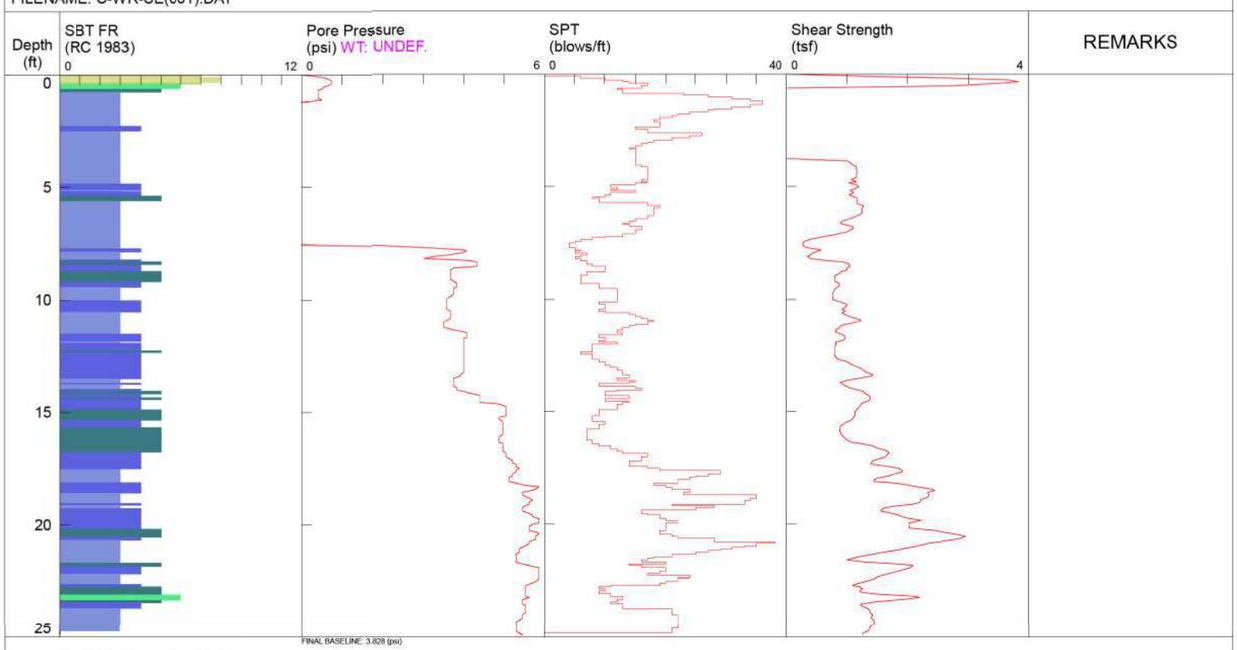
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REVISED -
REVISED -

SOUNDING

TOTAL DEPTH: 25.090 ft
SITE: West I-172 Ramps
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-WR-SE(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-WR-SE
PROJECT: Broadway Mast Arms 2
LOCATION: SE Quad



NOTES:: Example of notes

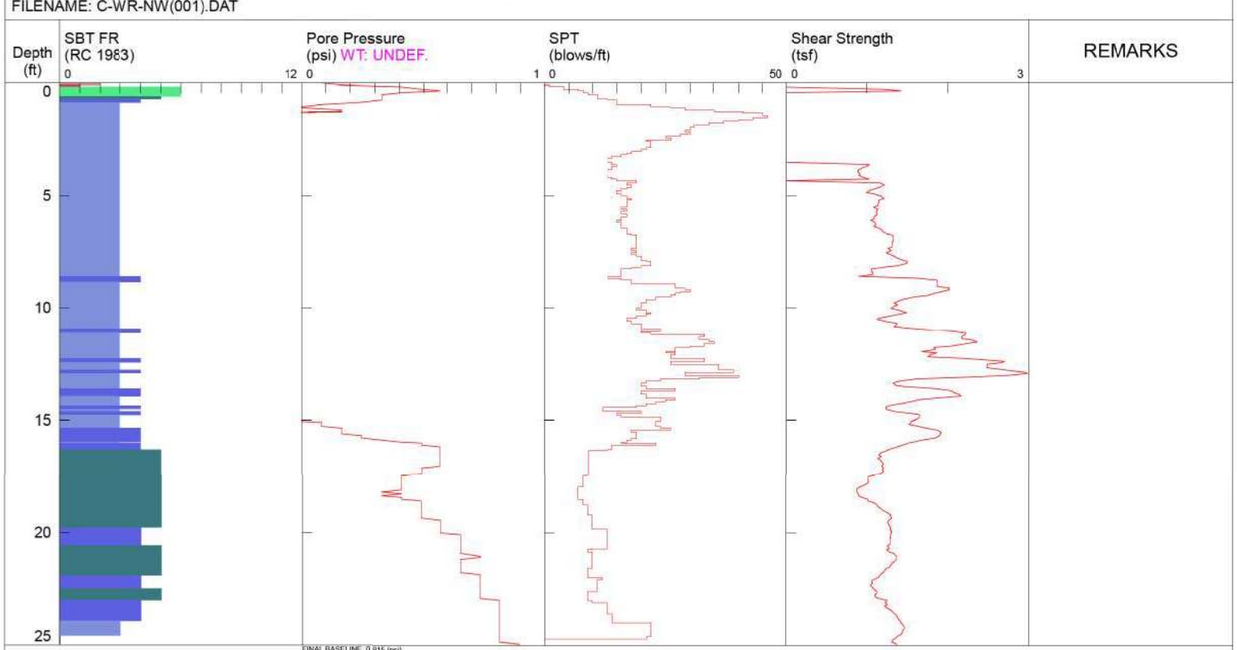
1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

SOUNDING

TOTAL DEPTH: 25.003 ft
SITE: WEst I-172 Ramps
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-WR-NW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-WR-NW
PROJECT: Broadway Mast Arms 2
LOCATION: NW Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND I-172 SB RAMP

SCALE: N.T.S.
SHEET 6 OF 6 SHEETS
STA.
TO STA.

F.A.P. RTE. 745
SECTION 10SR(S-14,TS-2) (1+9+B)BUR,EDR
COUNTY ADAMS
CONTRACT NO. 72295
TOTAL SHEETS 240
SHEET NO. 118
ILLINOIS FED. AID PROJECT

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

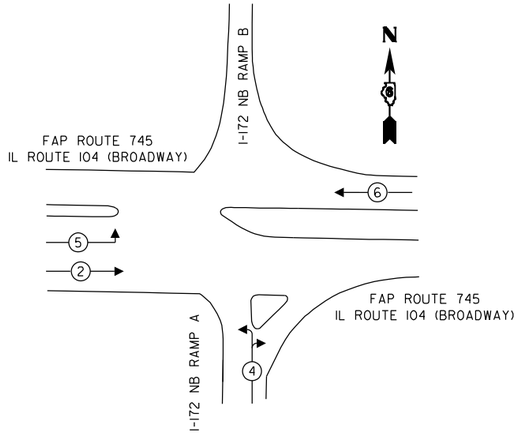
   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

   THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. OPTICOM DETECTORS AND SIGNAL CARDS
   2. BATTERY BACK-UP SYSTEMS
   3. LUMINAIRES

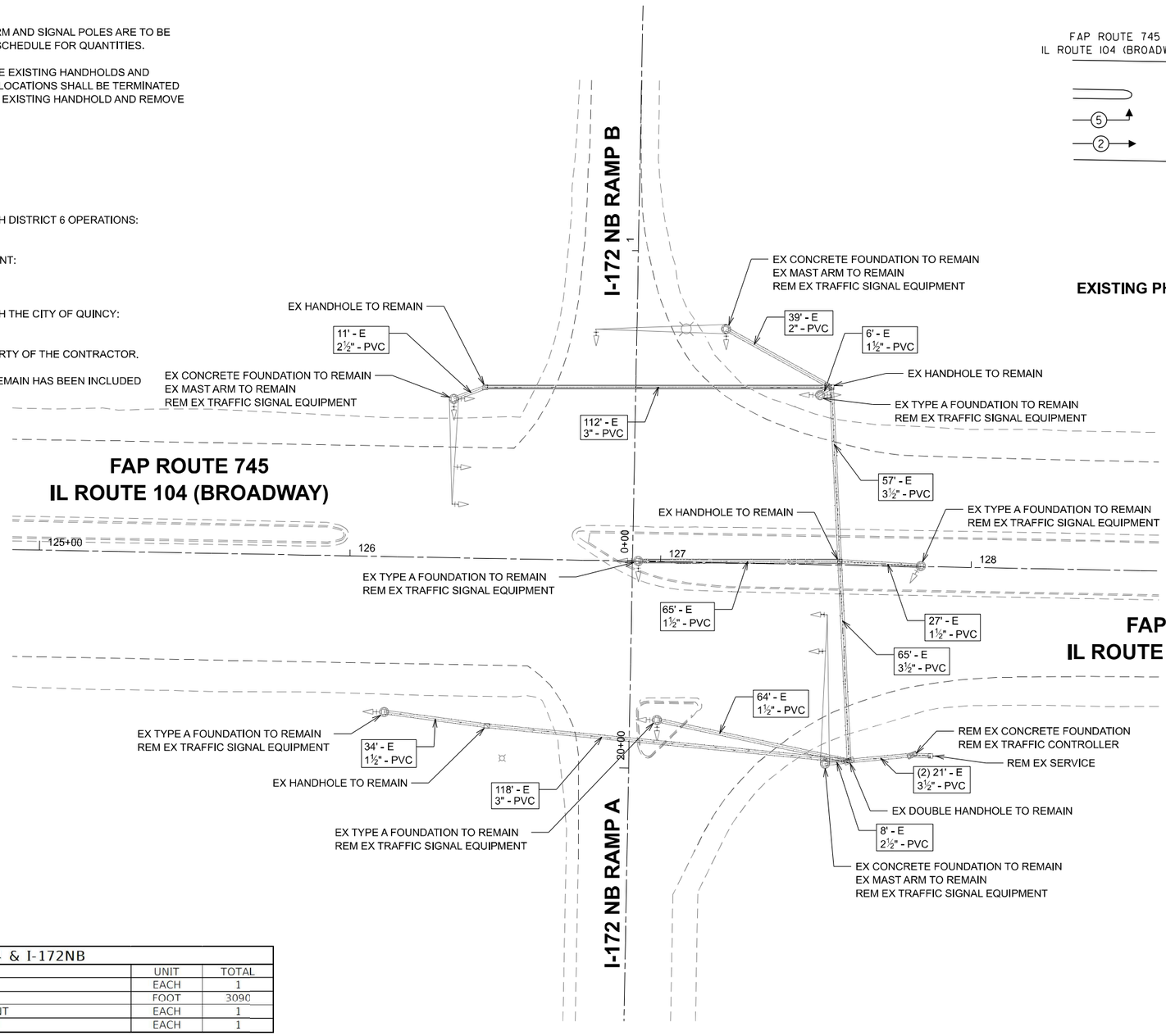
   THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

   ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

6. QUANTITY TO REMOVE ELECTRIC CABLE FROM THE EXISTING MAST ARMS TO REMAIN HAS BEEN INCLUDED IN THE QUANTITY FOR REMOVE ELECTRIC CABLE FROM CONDUIT.



EXISTING PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
TRAFFIC SIGNAL POST	5
VEHICULAR SIGNAL HEAD	16
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & I-172NB			
CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3090
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1

MODEL: Existing Traffic Signal Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-I-172_NB_Ramp.dgn

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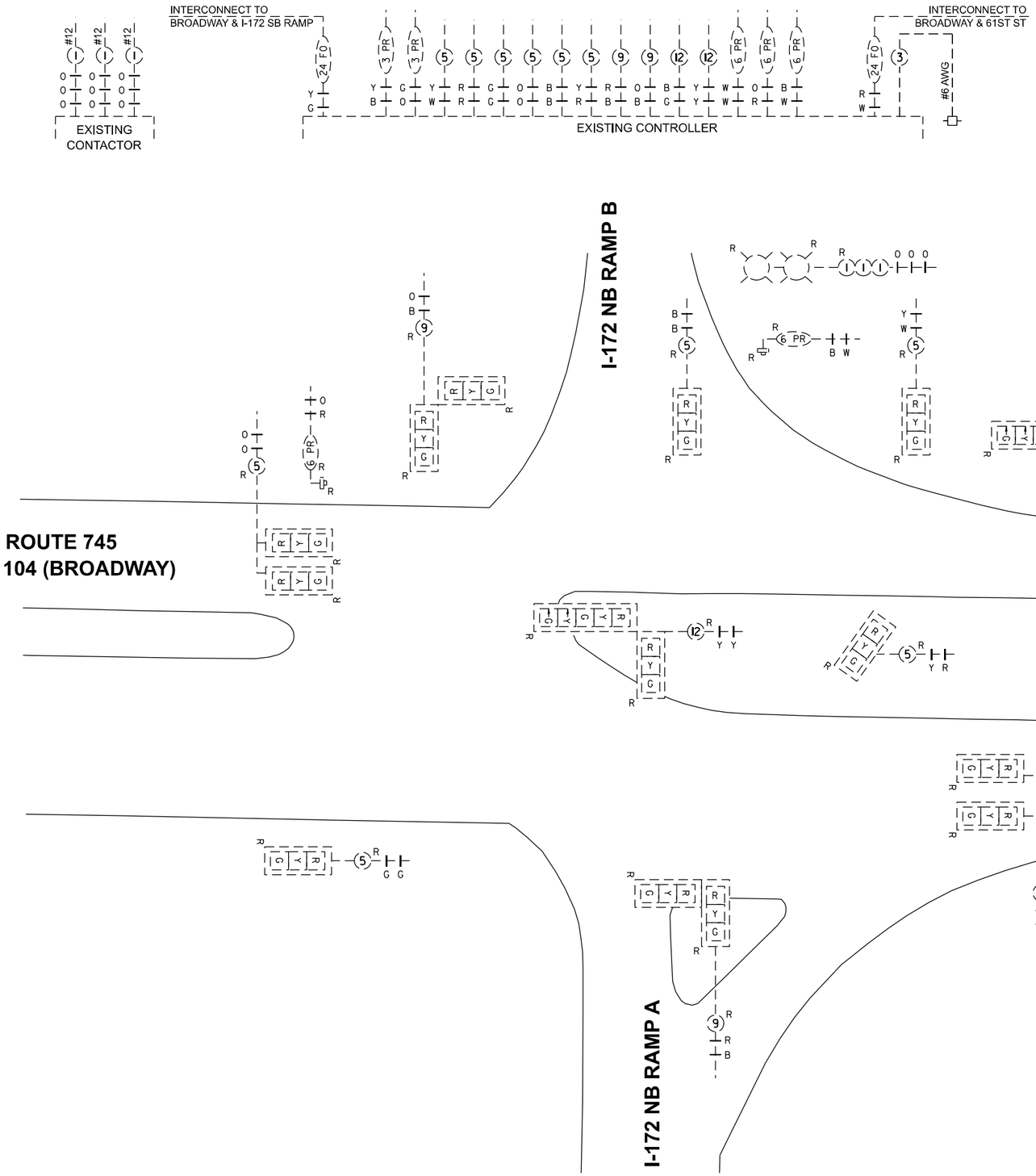
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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND I-172 NB RAMP

SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	119
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			



MODEL: Existing Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-I-172_NB_Ramp.dgn

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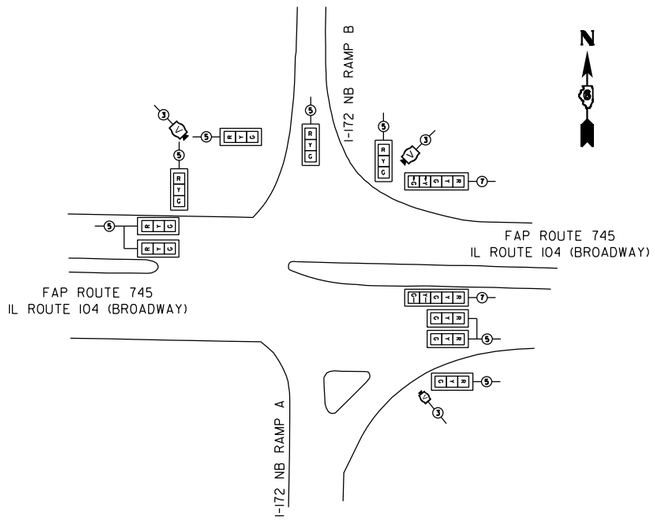
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PLOT DATE = 12/23/2025	DATE -	REVISED -

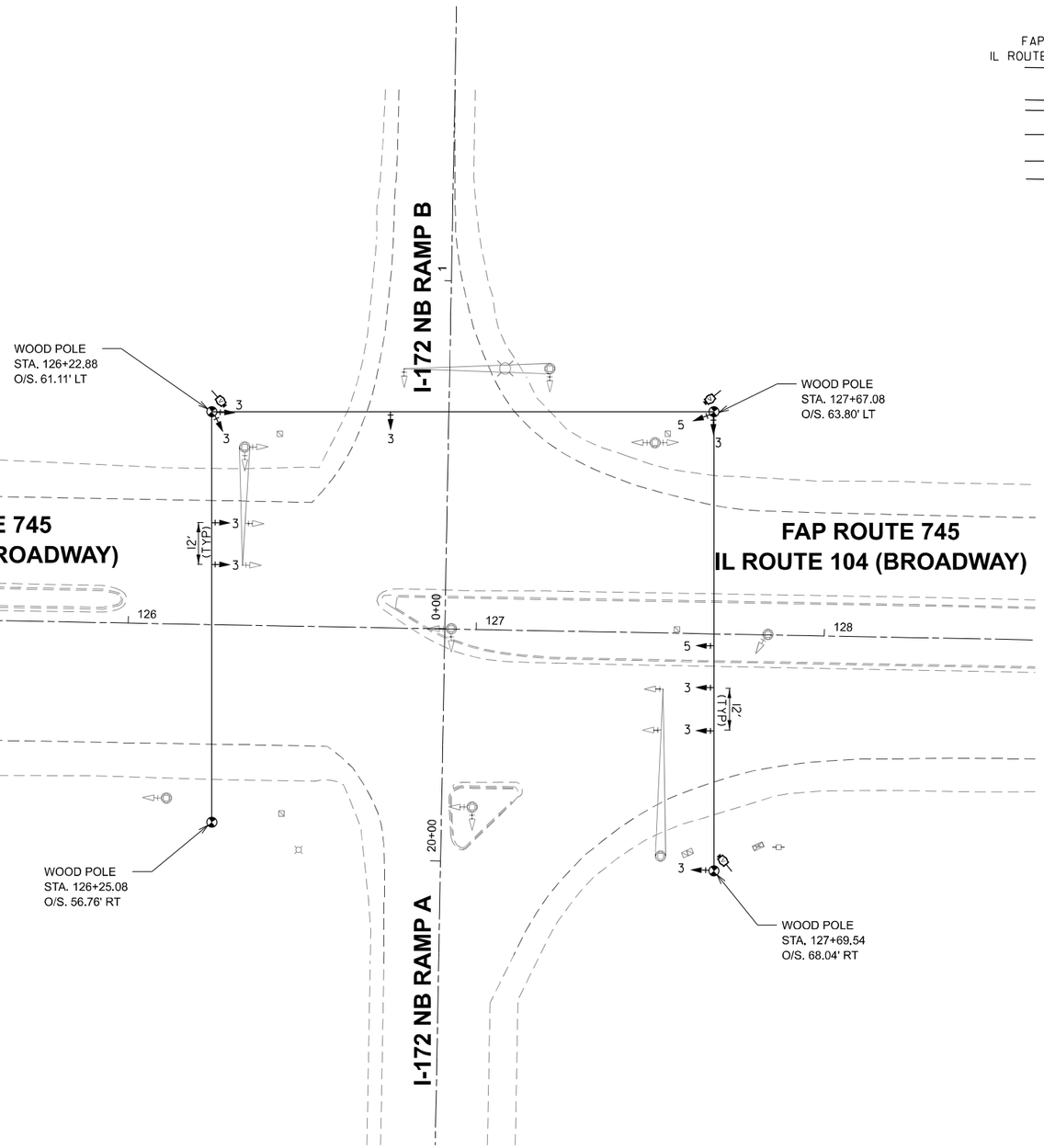
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

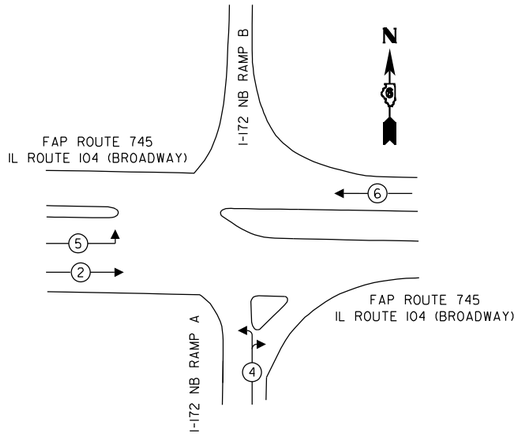
EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 NB RAMP

SCALE: N.T.S. | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	120
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			







TEMP PHASE DIAGRAM

TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

MODEL: Temporary Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FEI\Jobs_2023\23-2100_PTB206-040_D6_VA_Ph1-2_FEI_Prime\WO-04\CADD\CADD Sheets\72295-sht-ts-I-172_NB_Ramp.dgn

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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 NB RAMP

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	121
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

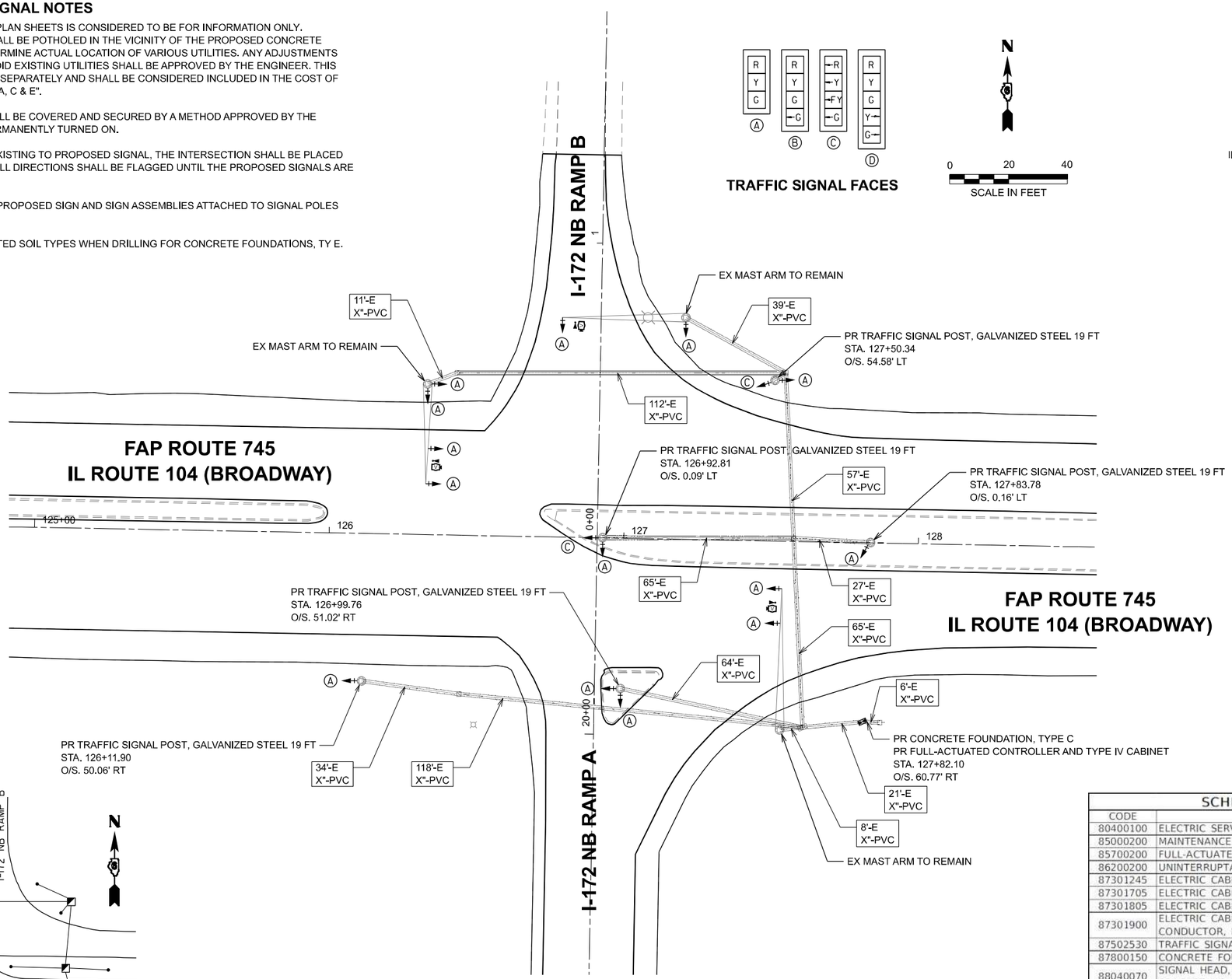
1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

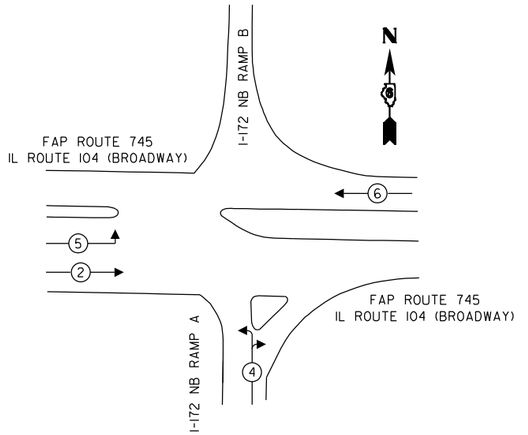
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

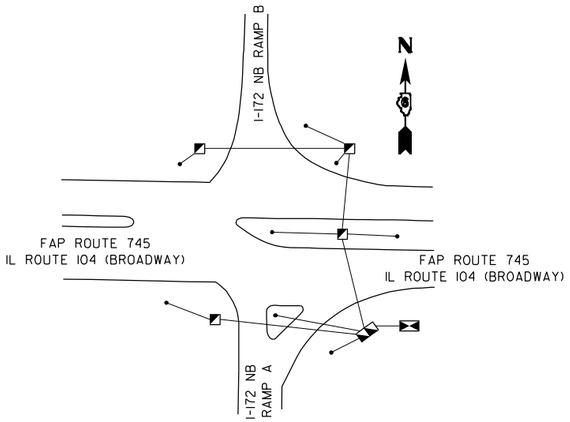
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.



TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & I-172NB

CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2981
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	734
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	12
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1250
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	5
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

MODEL: Proposed Traffic Signal Plan
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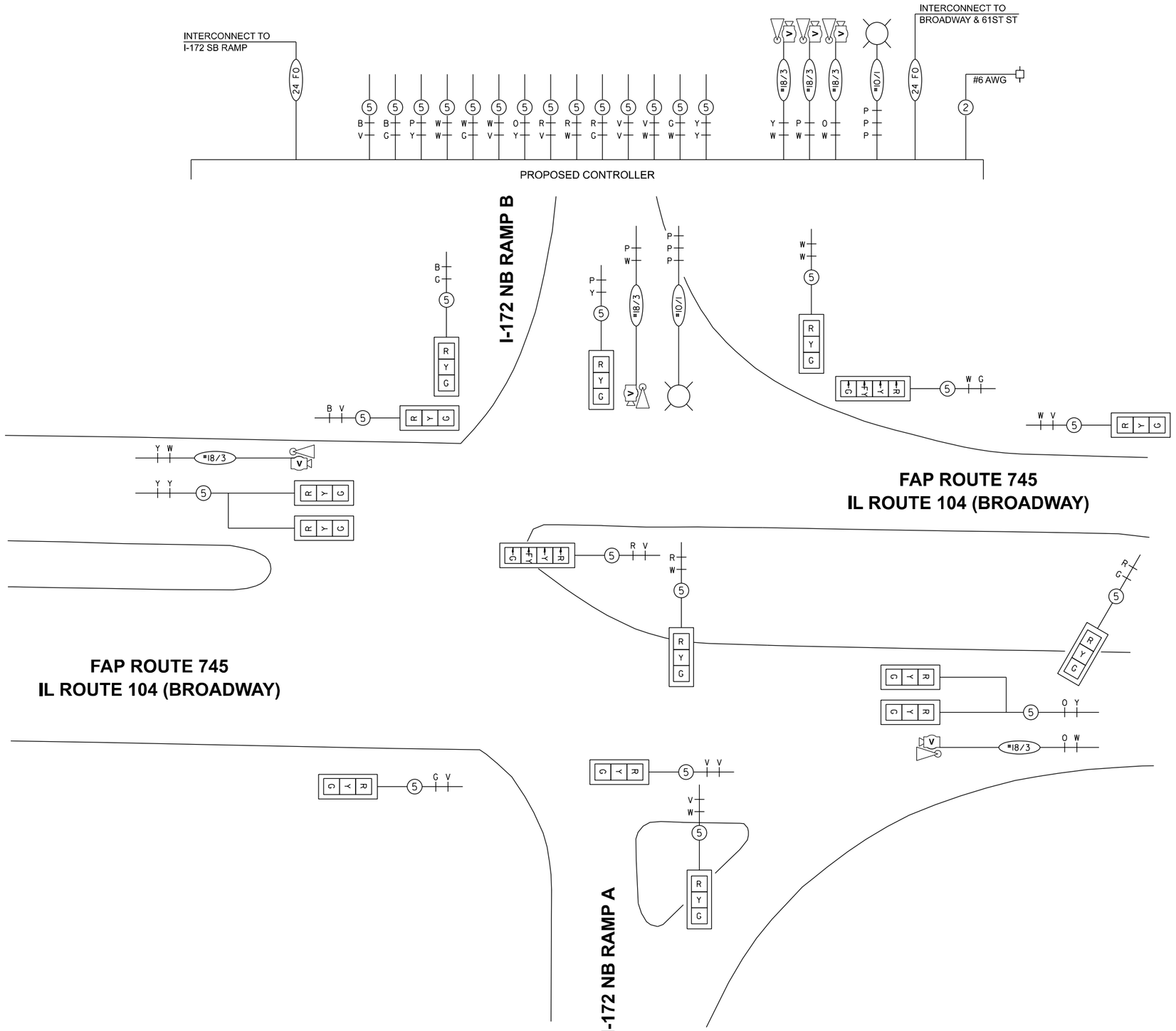
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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND I-172 NB RAMP

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	122
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	



MODEL: Proposed Traffic Signal Detail
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	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND I-172 NB RAMP

SCALE: N.T.S. | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	123
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

4. EXISTING CONDUITS AND ELECTRICAL CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLDS AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLD AND REMOVE EXISTING EXISTING FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

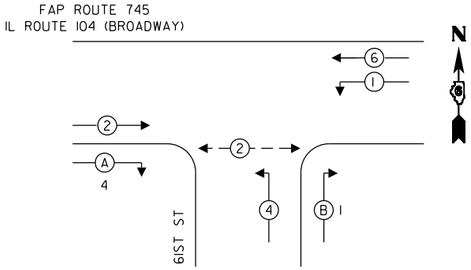
5. IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
   1. EXISTING VIDEO DETECTION SYSTEMS
   2. CABINET POWER SUPPLIES
   3. SIGNAL CONTROLLERS
   4. MALFUNCTION MONITOR UNITS
   5. ETHERNET SWITCHES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH DISTRICT 6 OPERATIONS: (217) 622-0608 (DALE HEBENSTREIT).

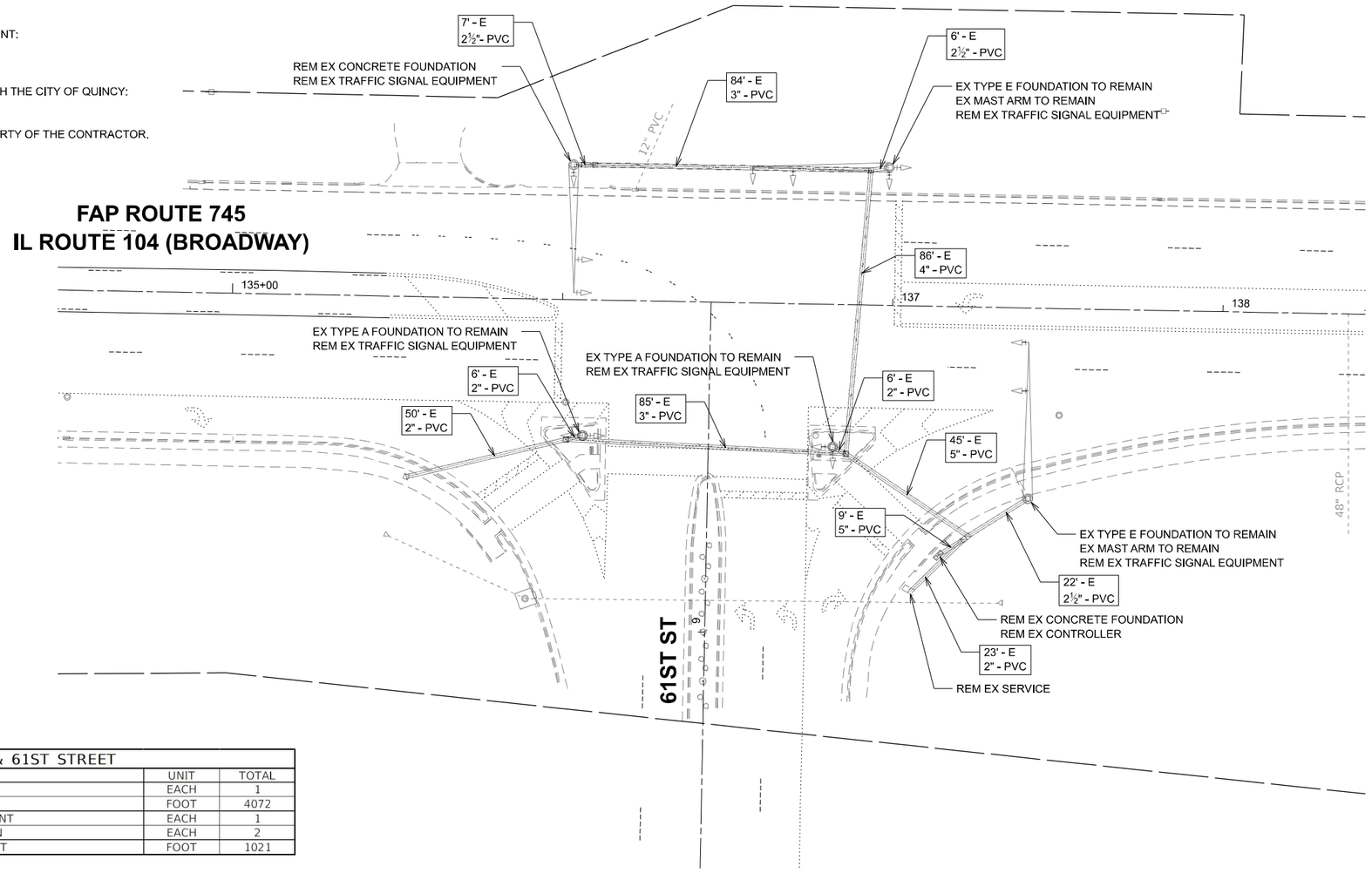
THE CITY OF QUINCY SHALL RETAIN POSSESSION OF THE FOLLOWING EQUIPMENT:
1. OPTICOM DETECTORS AND SIGNAL CARDS
2. BATTERY BACK-UP SYSTEMS
3. LUMINAIRES

THE CONTRACTOR SHALL COORDINATE THE DELIVERY LOCATION AND TIME WITH THE CITY OF QUINCY: (217) 577-9280 (MIKE BOLL).

ALL OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



EXISTING PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (FOR INFORMATION ONLY)	
MAST ARM ASSEMBLY AND POLE	1
TRAFFIC SIGNAL POST	2
VEHICULAR SIGNAL HEAD	13
PEDESTRIAN SIGNAL HEAD	2
PEDESTRIAN PUSH-BUTTON POST	1
TRAFFIC CONTROLLER AND CABINET	1

SCHEDULE OF QUANTITIES IL 104 & 61ST STREET

CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4072
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1021

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE I-172 NB RAMP SIGNAL CABINET TO THE 61ST STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Traffic Signal Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_PrimeWO-04\CADD\CADD Sheets\72295-sht-ts-61st.dgn

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WWW. FUHRMANN-ENG .COM

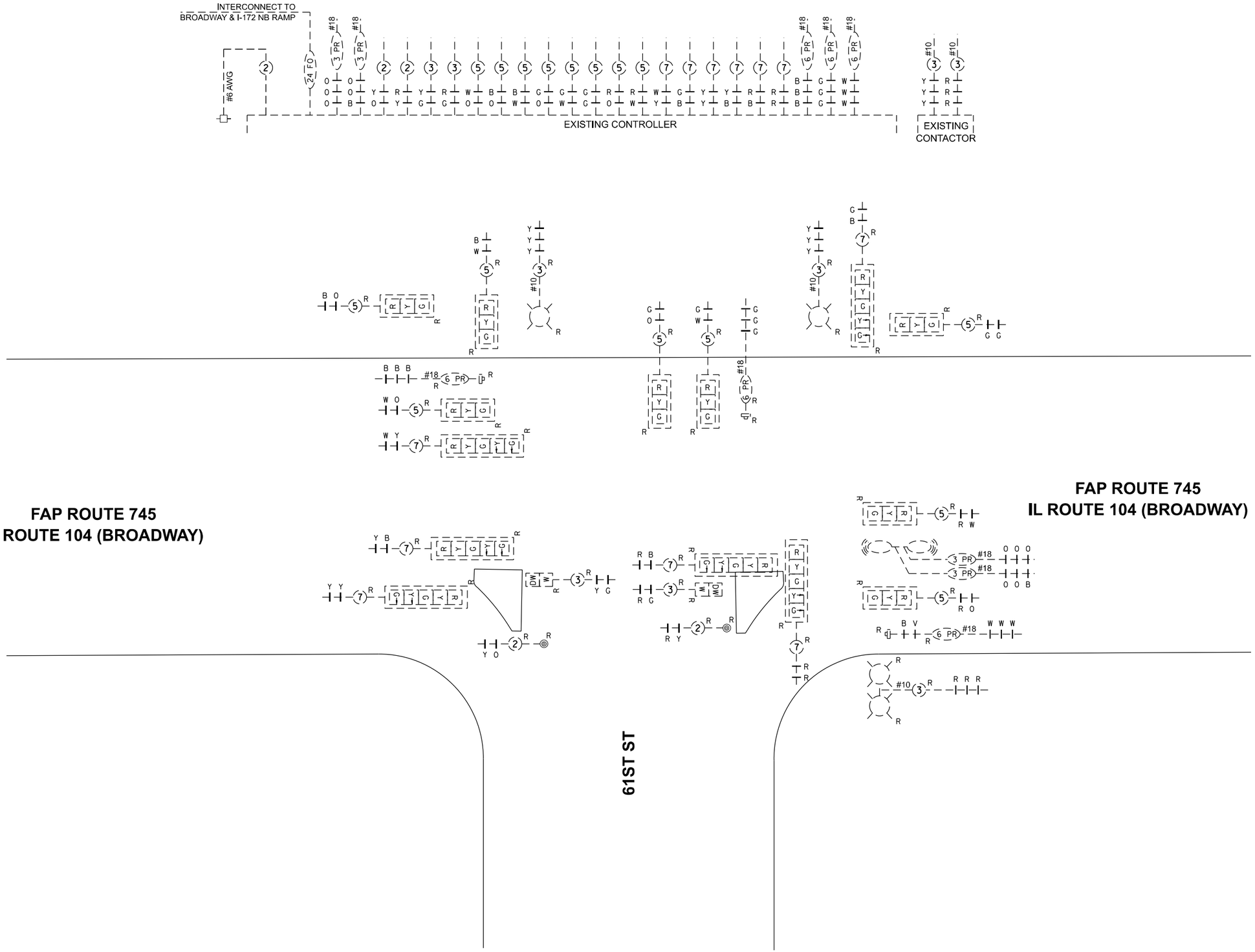
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	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	124
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

MODEL: Existing Traffic Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FEI\Jobs_2023\23-2100_PTB206-040_D6_V-A_Ph1-2_FEI_PrimeWO-04\CADD\CADD Sheets\72295-sht-ts-01st.dgn

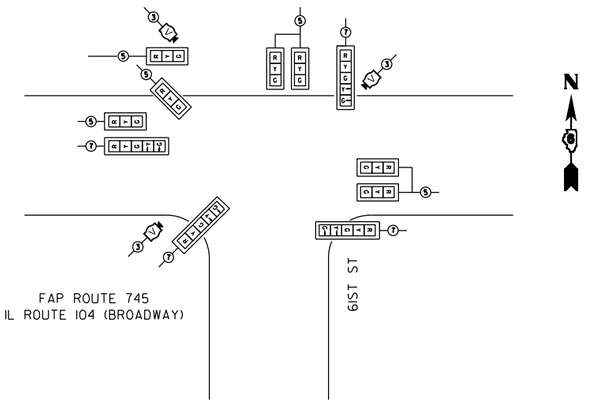
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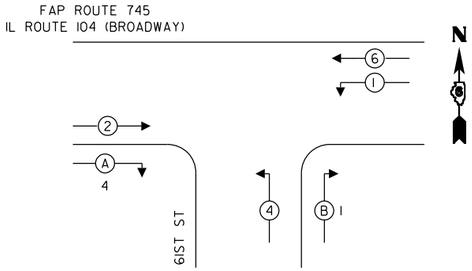
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

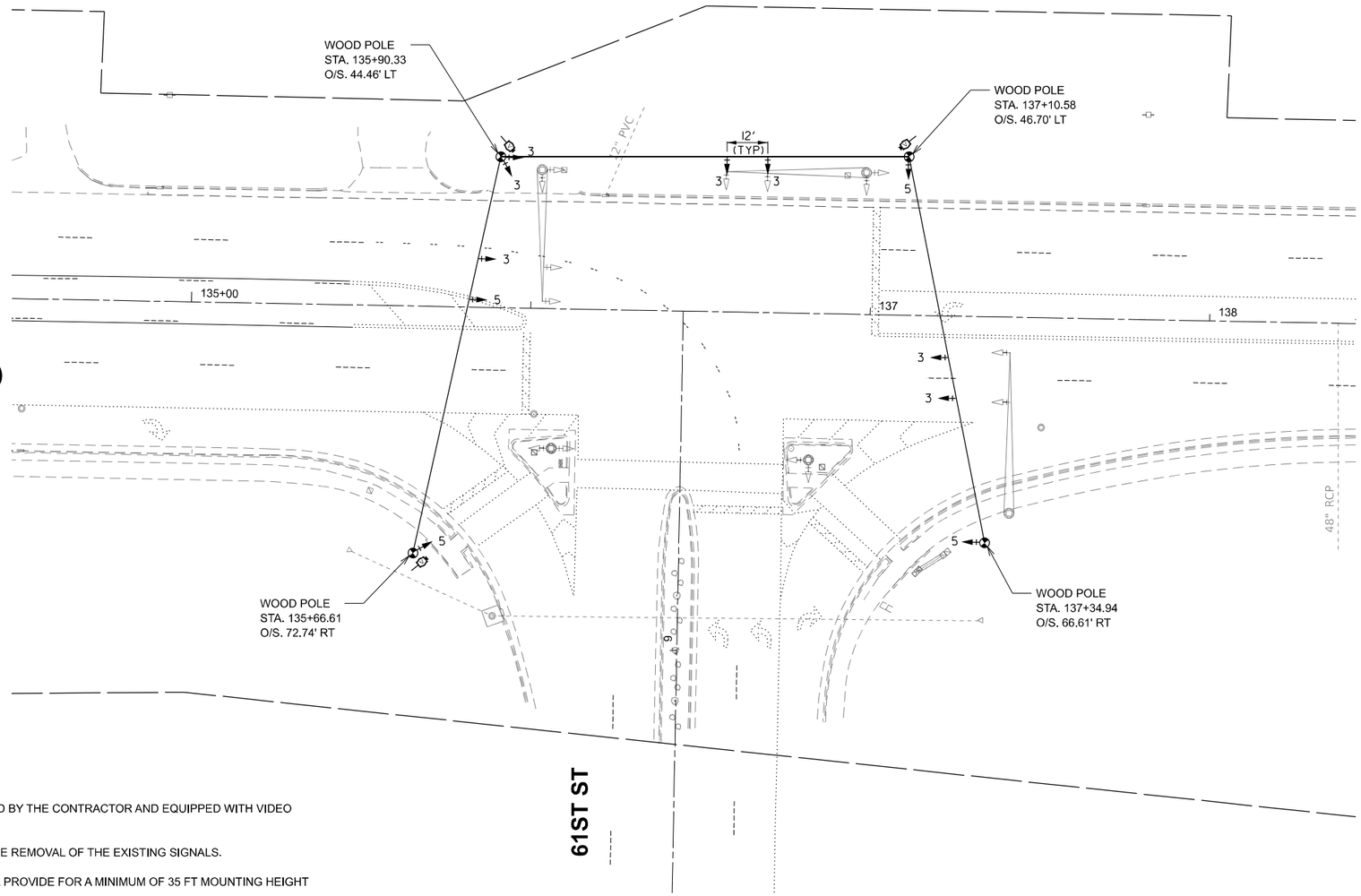
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	125
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		





TEMP PHASE DIAGRAM

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)



TEMPORARY TRAFFIC SIGNAL NOTES

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS.
4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

0 20 40
SCALE IN FEET

MODEL: Temporary Signal Detail
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs\ 2023\23-2100_PTB206-040_D6_V-V_Ph1-2_FEI_Prime\WO-041\CADD\CADD Sheets\72295-sht-ts-61st.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	126
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E".

2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

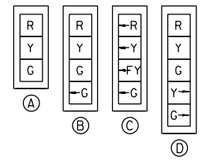
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

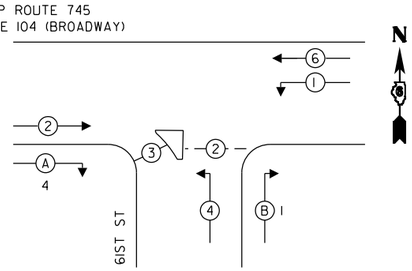
6. BORINGS AT THE SW AND SE QUADRANTS OF 61ST AND IL 104 (BROADWAY) ENCOUNTERED LENSES OF VERY STIFF/HARD SOILS WITH SPT BLOWCOUNTS RANGING FROM 50-100 BLOWS PER FOOT. THE CONTRACTOR SHOULD REVIEW THE BORINGS, ANTICIPATE, AND PLAN FOR THESE CONDITIONS.

N

0 20 40
SCALE IN FEET

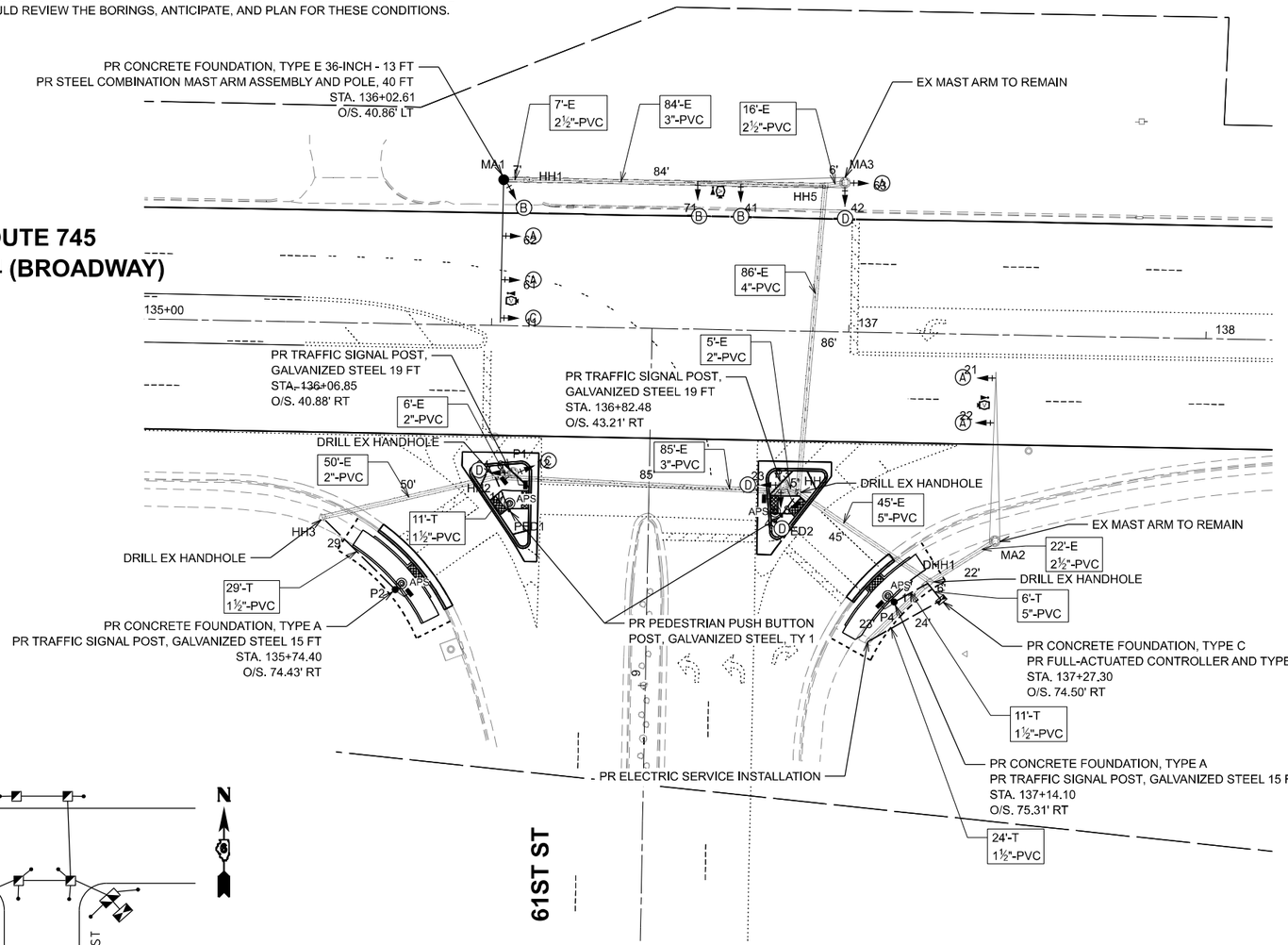


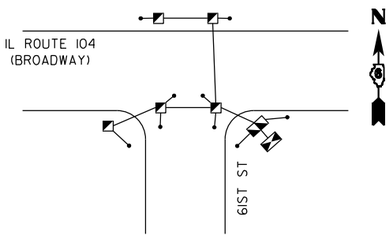
TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)





PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 61ST STREET

CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	83
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	6
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	578
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	880
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1652
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	565
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	647
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	30
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1150
87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	2
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	14
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1021
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

NOTE:
THE QUANTITY SHOWN ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE IS MEASURED FROM THE I-172 NB RAMP SIGNAL CABINET TO THE 61ST STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Traffic Signal Plan
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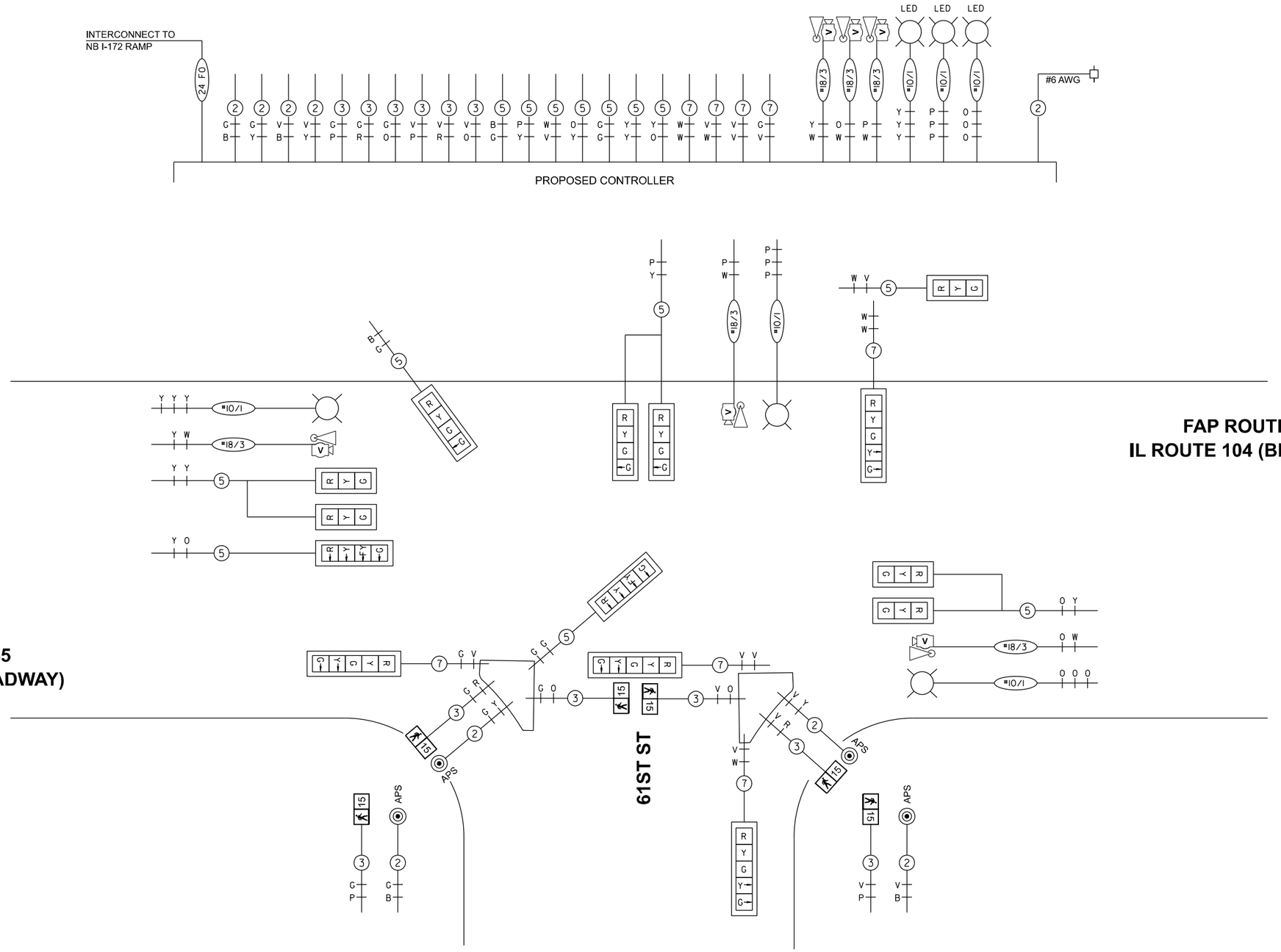
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-SHB3)BJR,BDR	ADAMS	240	127
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		



FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

FAP ROUTE 745
IL ROUTE 104 (BROADWAY)

N

0 20 40
SCALE IN FEET

MODEL: Proposed Traffic Signal Detail
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAIL
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	128
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

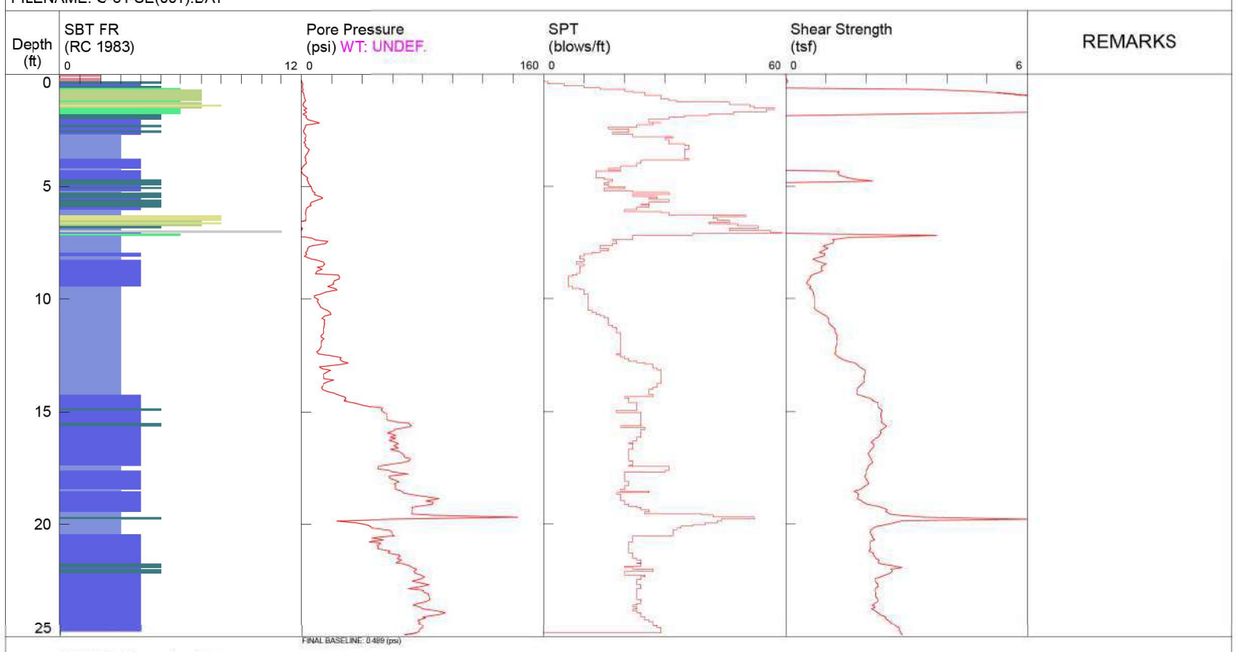
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PLOT DATE = 12/12/2023
DESIGNED -
DRAWN -
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DATE -
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SOUNDING

TOTAL DEPTH: 25.089 ft
SITE: 61st ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-61-SE(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-61-SE
PROJECT: Broadway Mast Arms 2
LOCATION: SE Quad



NOTES:: Example of notes

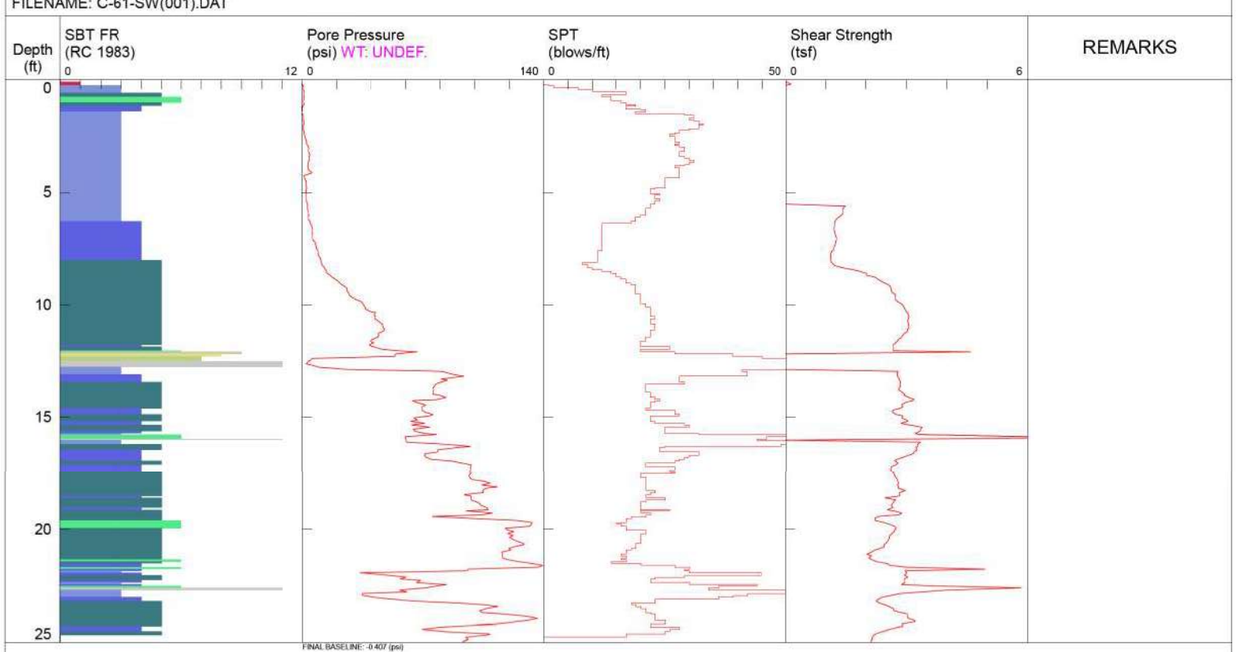
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2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

SOUNDING

TOTAL DEPTH: 25.006 ft
SITE: 61st ST
SOUNDING
COMPANY: Illinois DOT
FILENAME: C-61-SW(001).DAT

PROBE ID: 4644.187.X
TEST ID: C-61-SW
PROJECT: Broadway Mast Arms 2
LOCATION: SW Quad



NOTES:: Example of notes

1 sensitive fine grained
2 organic material
3 clay
4 silty clay to clay
5 clayey silt to silty clay
6 sandy silt to clayey silt
7 silty sand to sandy silt
8 sand to silty sand
9 sand
10 gravelly sand to sand
11 very stiff fine grained (*)
12 sand to clayey sand (*)

*SBT/SPT CORRELATION: UBC-1983

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

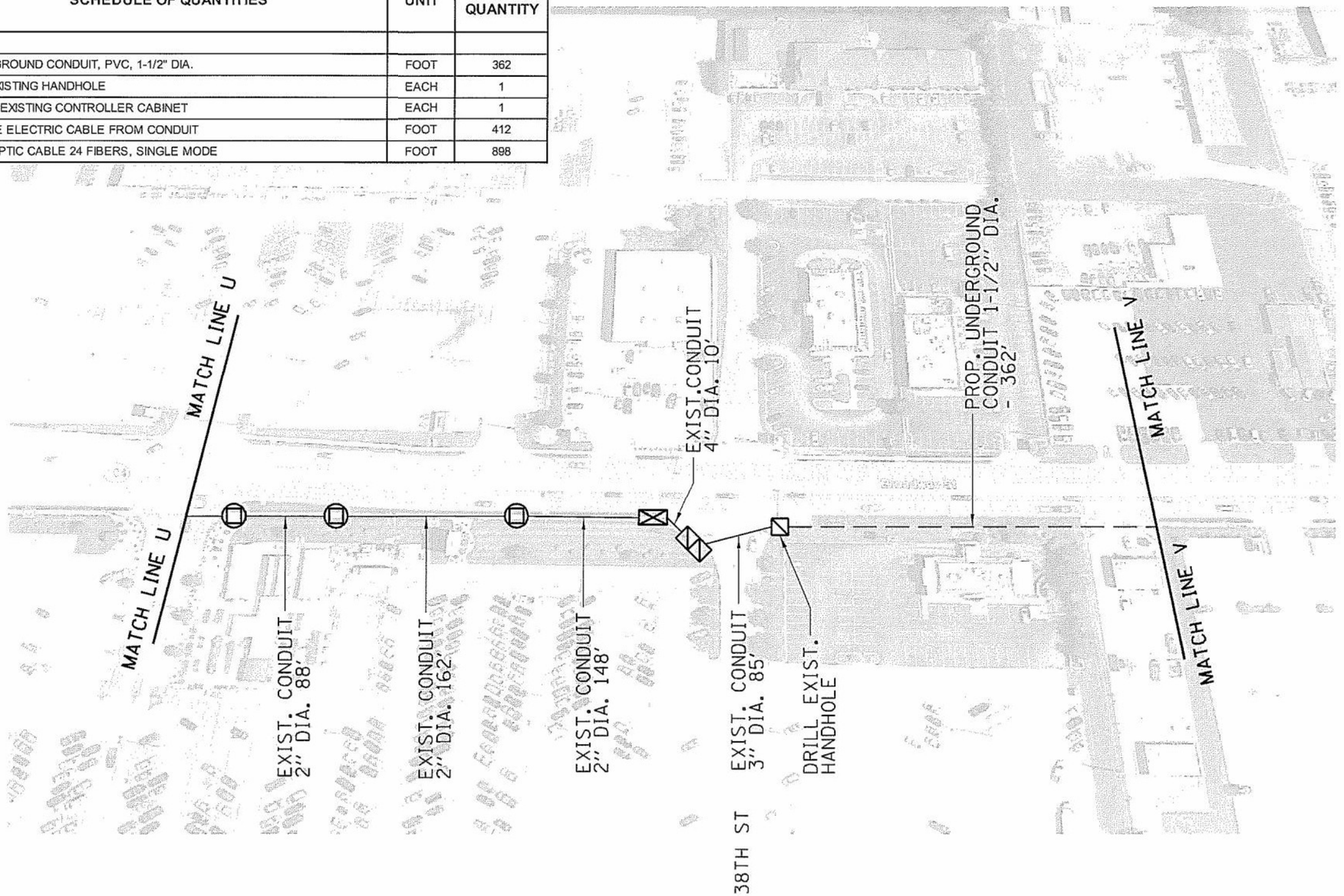
SOIL BORING LOGS
IL ROUTE 104 (BROADWAY) AND 61ST STREET

SCALE: N.T.S.
SHEET 6 OF 6 SHEETS
STA.
TO STA.

F.A.P. RTE. 745
SECTION 10(RS)-14.TS(L) (1+9)-IB(BJR,EB)R
COUNTY ADAMS
TOTAL SHEETS 240
SHEET NO. 129
ILLINOIS FED. AID PROJECT
CONTRACT NO. 72295

FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	362
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	412
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	898



	USER NAME = srsapfd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			VAR.	ITS D6-2	ADAMS	46 / 26
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	PLOT DATE = 2/4/2019	DATE -	REVISED -		SCALE _____ SHEET __ OF __ SHEETS STA _____ TO STA _____			ILLINOIS	FED. AID PROJECT

FUHRMANN ENGINEERING WWW. FUHRMANN-ENG .COM	USER NAME = msmit	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HISTORIC PLANS IL ROUTE 104	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240 / 130
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FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	998
81400100	HANDHOLE	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1011



USER NAME = shsipta	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/4/2019	DATE -	REVISED -		SCALE _____ SHEET __ OF __ SHEETS STA _____ TO STA _____			ILLINOIS FED. AID PROJECT		

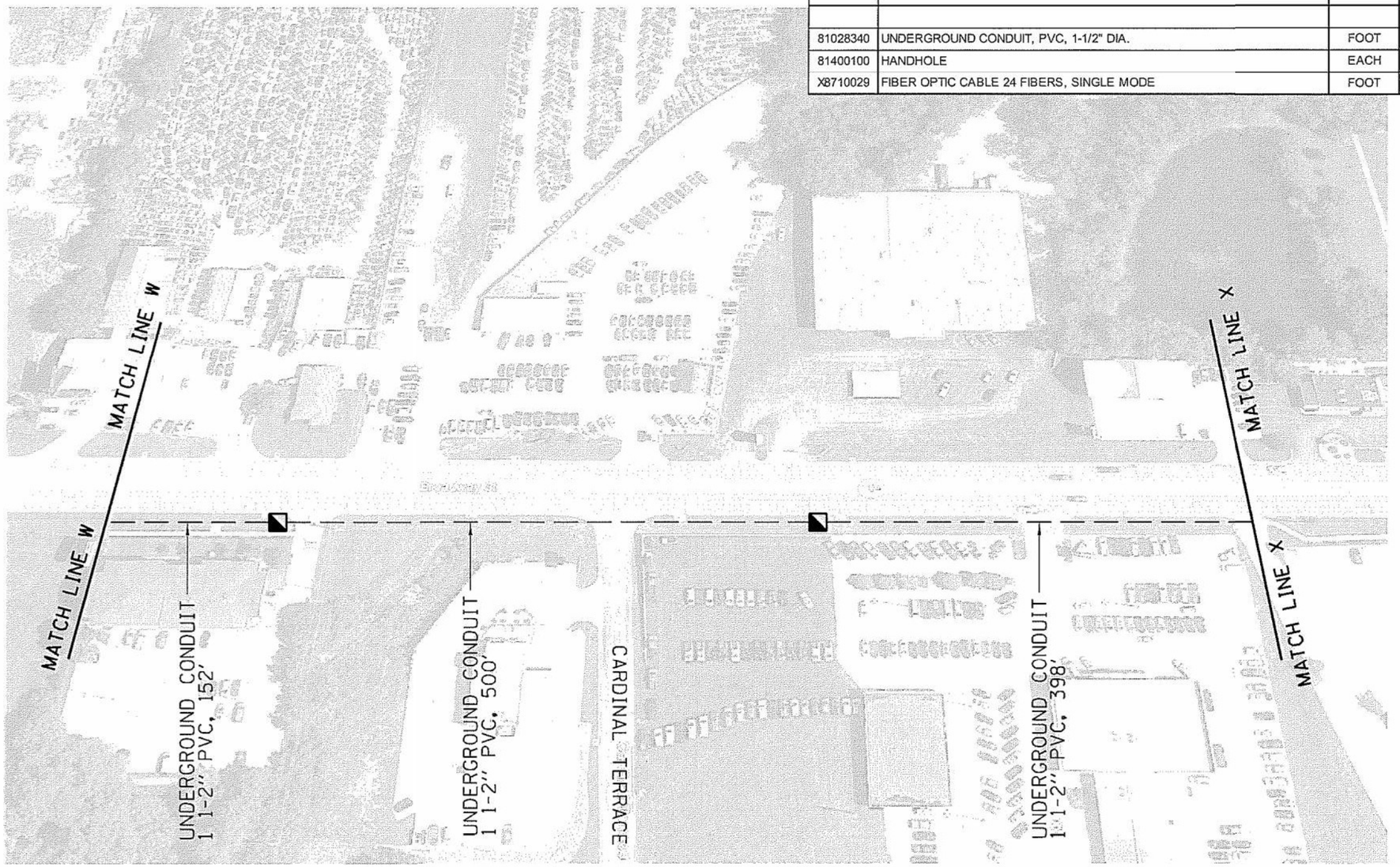
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	DRAWN -	REVISED -			745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	131
PLOT SCALE = $SCALE$	CHECKED -	REVISED -					CONTRACT NO. 72295		
PLOT DATE = 12/23/2025	DATE -	REVISED -		SCALE: NTS SHEET 2 OF 11 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	1050
81400100	HANDHOLE	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1063



USER NAME = shsipld	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
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PLOT DATE = 2/4/2019	DATE -	REVISED -	

PLAN SHEET

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

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	28
		CONTRACT NO. 72L04		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	132
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

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FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	932
81400100	HANDHOLE	EACH	2
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	945



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		DRAWN -	REVISED -		
	PLOT SCALE = 1000.0000 / in	CHECKED -	REVISED -		
	PLOT DATE = 2/4/2019	DATE -	REVISED -		SCALE _____ SHEET ___ OF ___ SHEETS STA _____ TO STA _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	29
		CONTRACT NO. 72L04		
	ILLINOIS FED. AID PROJECT			

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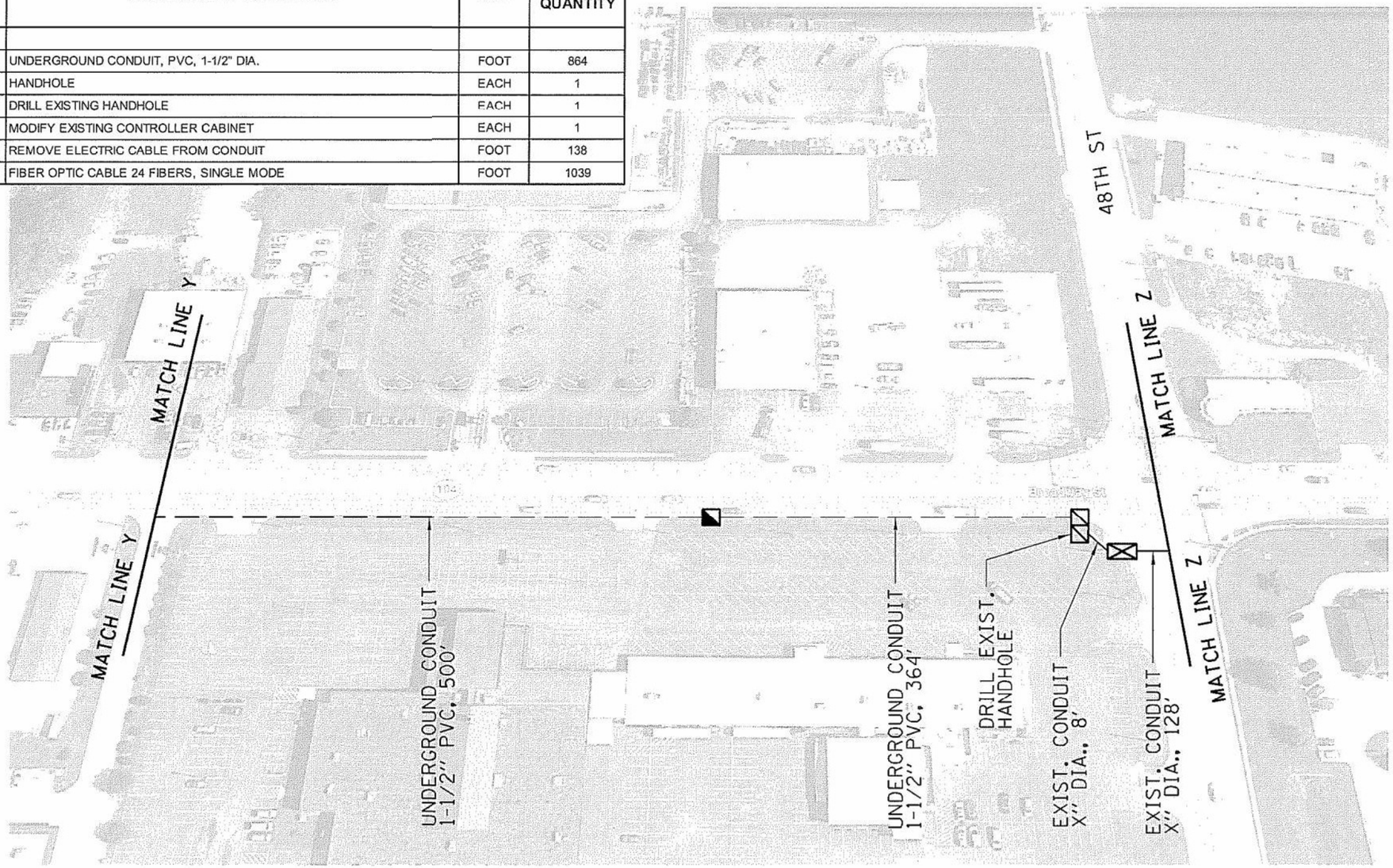
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	133
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

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FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.	FOOT	864
81400100	HANDHOLE	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	138
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1039



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	DRAWN -	REVISED -			VAR.	ITS D6-2	ADAMS	46	30
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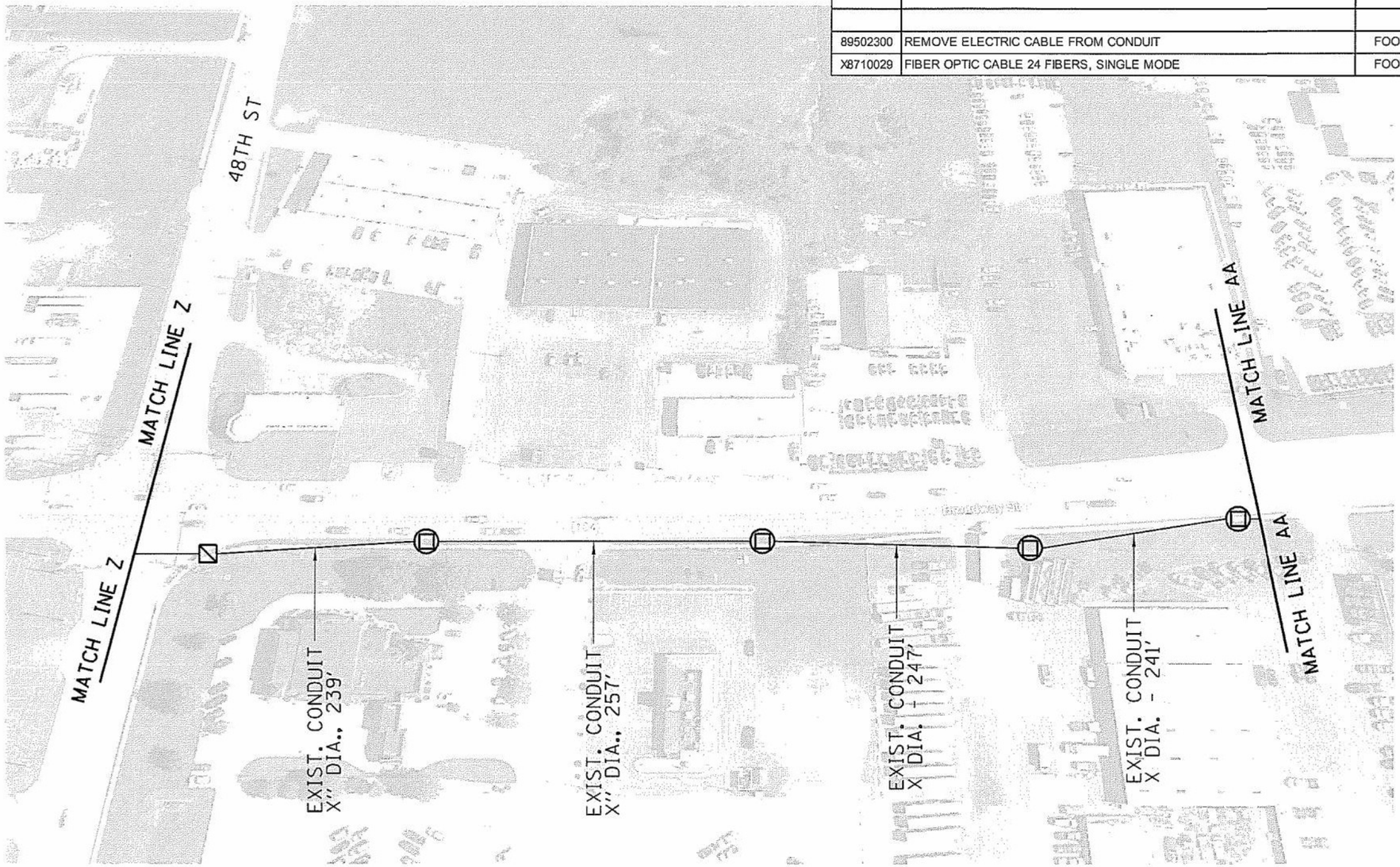
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	DRAWN -	REVISED -			745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	134
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FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	997
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	997



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PLOT DATE = 2/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE _____ SHEET ___ OF ___ SHEETS STA _____ TO STA _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	31
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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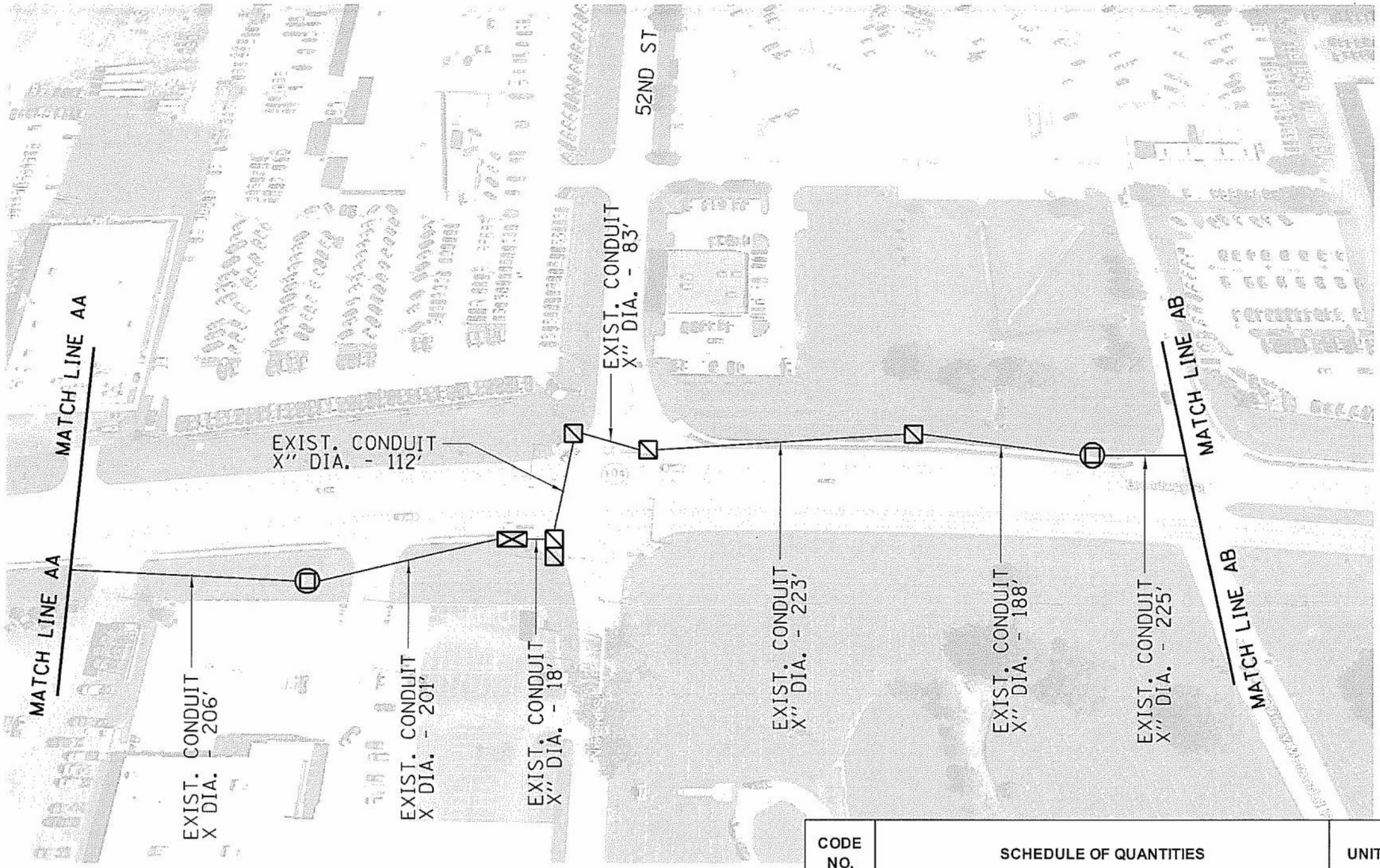
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	135
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		

FOR INFORMATION PURPOSES ONLY



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1311
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1311

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE _____ SHEET ___ OF ___ SHEETS STA _____ TO STA _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	32
		CONTRACT NO. 72L04		
	ILLINOIS FED. AID PROJECT			

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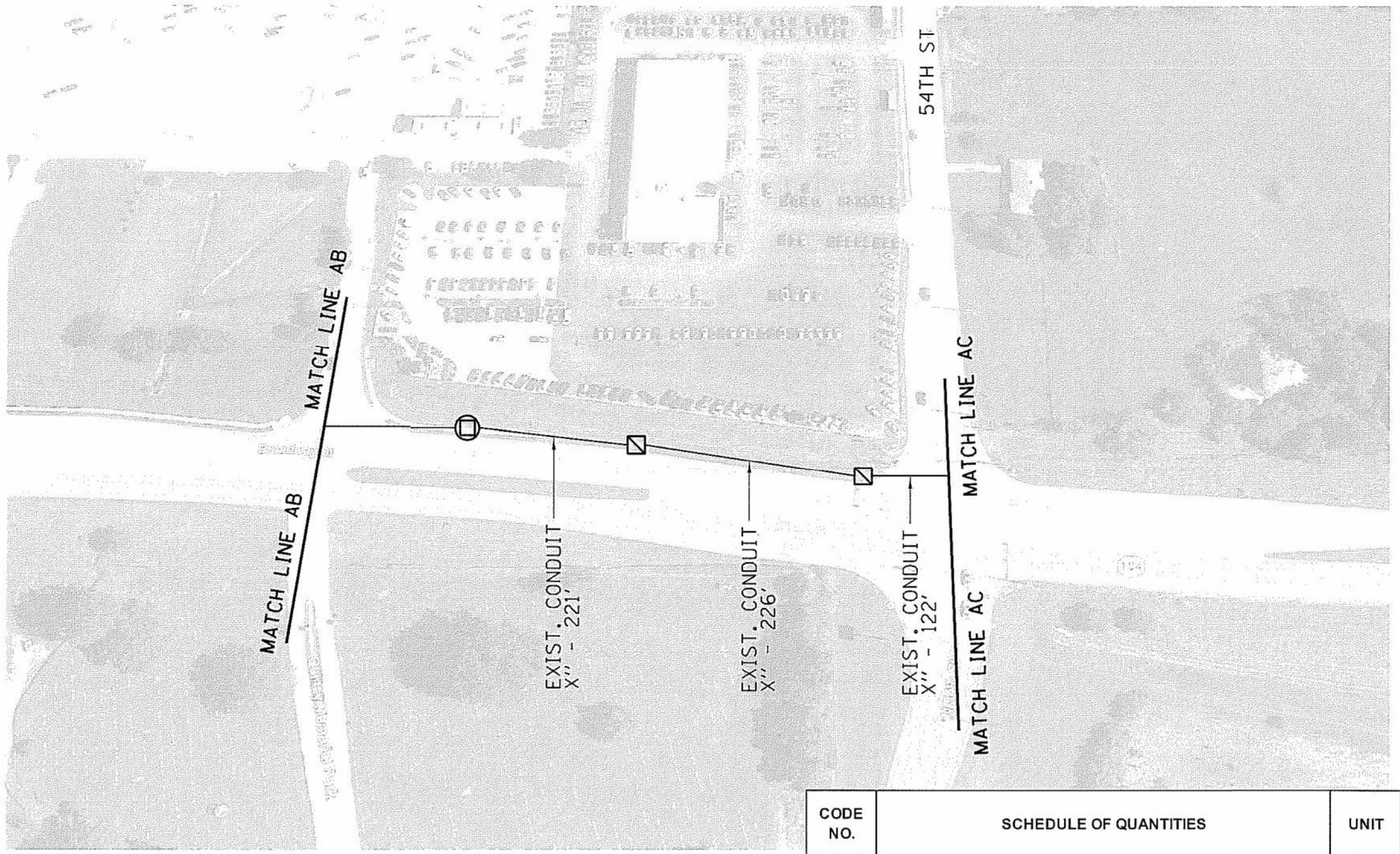
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	136
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION PURPOSES ONLY



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	584
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	584

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE _____ | SHEET __ OF __ SHEETS | STA _____ | TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	33
		CONTRACT NO. 72L04		
	ILLINOIS FED. AID PROJECT			

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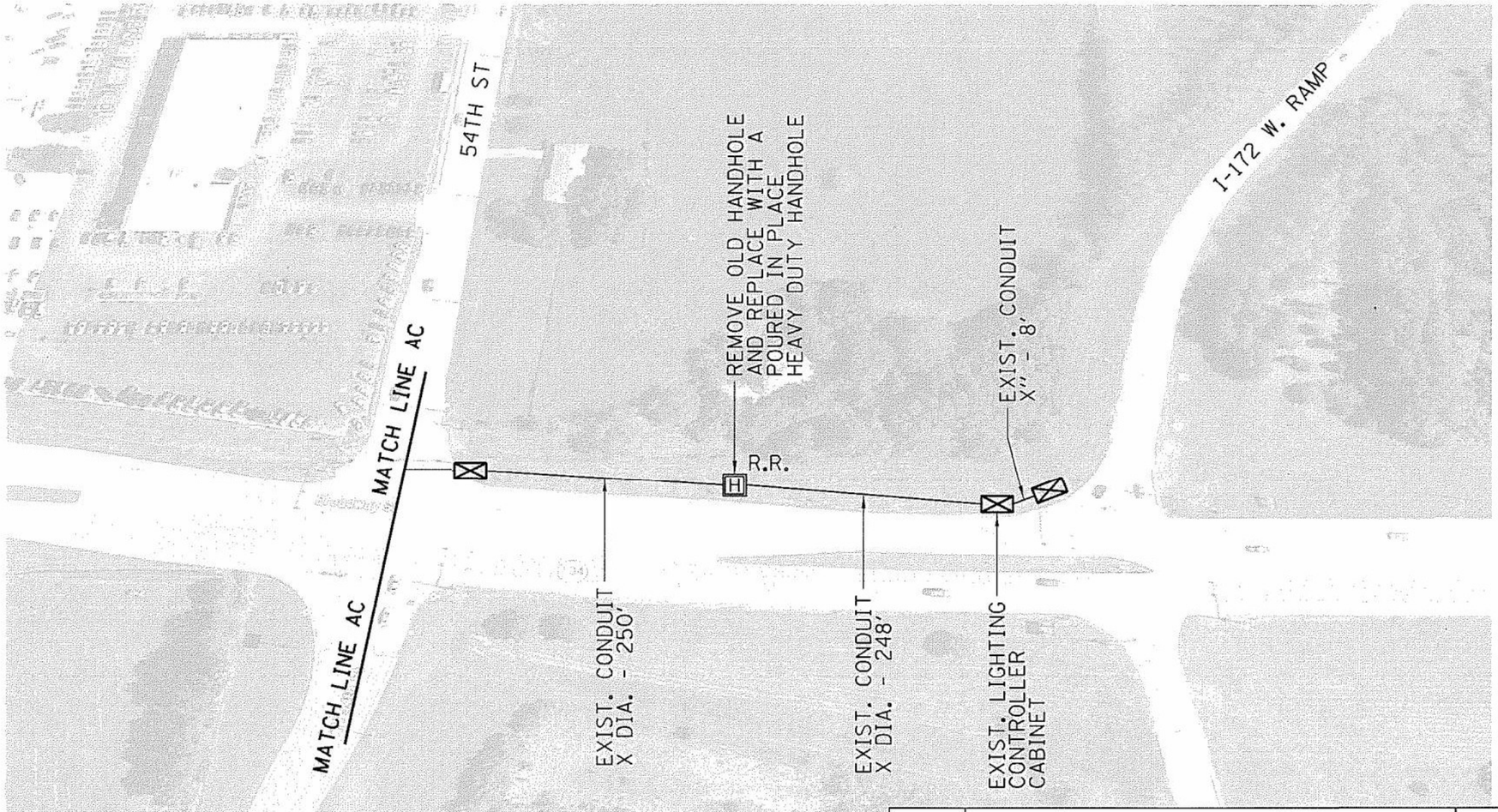
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS | SHEET 8 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	137
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION PURPOSES ONLY



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81400200	HEAVY-DUTY HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	560
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	560

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PLOT DATE = 2/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE _____ SHEET __ OF __ SHEETS STA _____ TO STA _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	34
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	138
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		

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Fiber between I-172 Ramps @ Broadway

2" Conduit - 1272'
24 fiber - 1450'

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Legend

Fiber Conduit



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

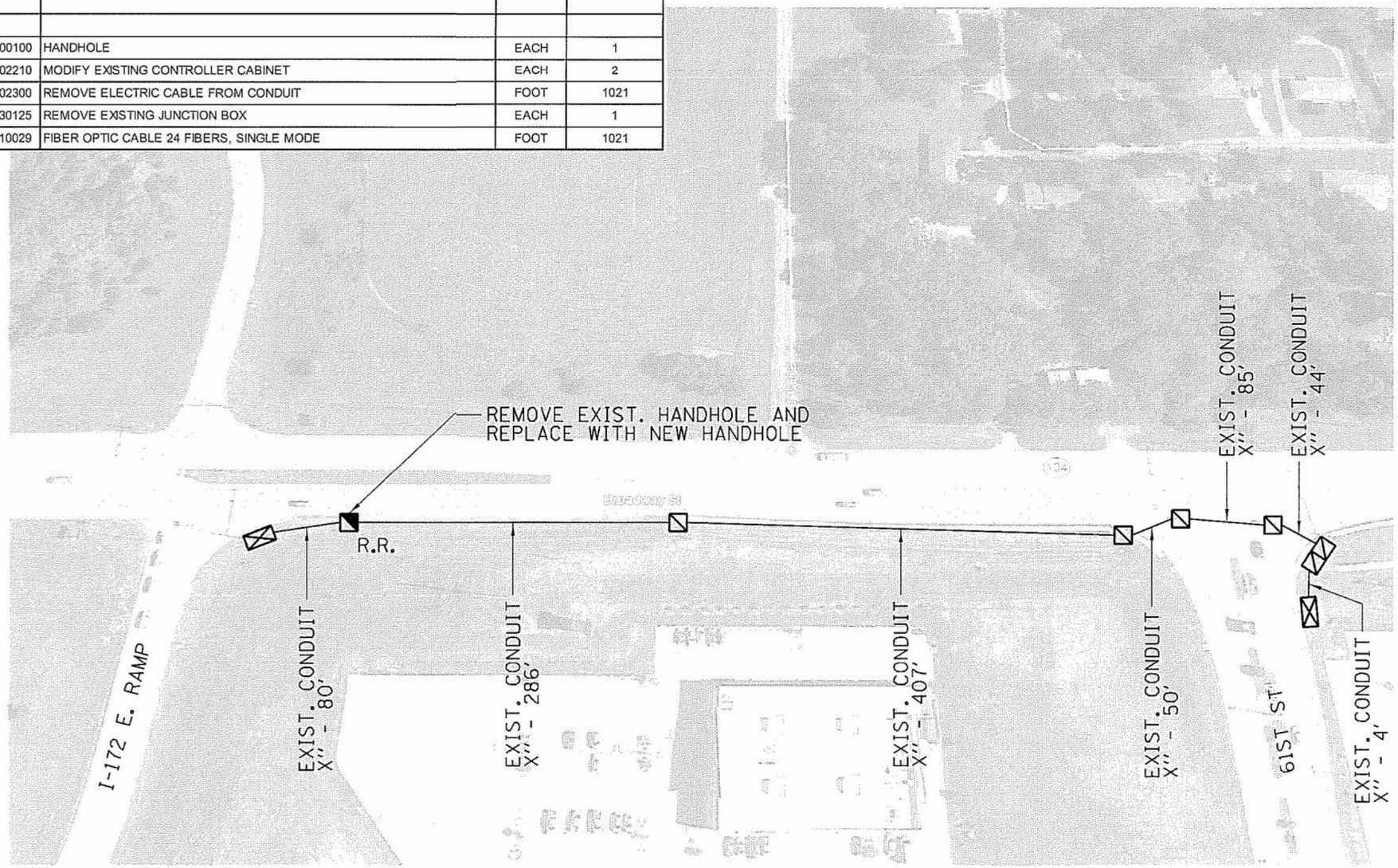
HISTORIC PLANS
IL ROUTE 104

SCALE: NTS | SHEET 10 OF 11 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	139
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
81400100	HANDHOLE	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1021
X8130125	REMOVE EXISTING JUNCTION BOX	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1021



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	35
		CONTRACT NO. 72L04		
	ILLINOIS FED. AID PROJECT			

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103RS-14,TS-3, (1-5HB3)BJR,BDR	ADAMS	240	140
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

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LEGEND

PROPOSED COMBINATION LIGHTING CONTROLLER, INTEGRATED INTO THE PROPOSED TRAFFIC SIGNAL CONTROLLER

R — EXISTING LIGHTING UNIT TO BE REMOVED

E — EXISTING LIGHTING UNIT TO REMAIN

PROPOSED COMBINATION LIGHTING UNIT, 45 FT M.H., INSTALLED ON HORIZONTAL MOUNTING BRACKET WITH 1 FT ARM, WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H

PROPOSED CABLE IN CONDUIT, 600V (XLP-TYPE USE) IC NO. 10

Illinois Department of Transportation

Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
11/06/25	72295	103RS-14, TS-3, SW	Adams

Marked Route Number	Municipality
IL 104	Quincy

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12 Ft	5 lanes in 1 Direction Only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
45 Ft	1 Ft	10 Ft	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
LED, Roadway, Output G	Type III	Medium

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0	N/A	0-10V

Layout

Spacing	Configuration
160 Ft	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
≥ 0.8	≤ 3:1

Average Luminance, L_{AVE} (cd/m²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_V/L_{AVE}
≥ 0.6	≤ 3.5:1	≤ 6:1	≤ 0.3:1

Light Tresspass (see notes 5 and 7)

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E_H	Max. Vertical Illuminance at ROW, E_V
N/A	N/A	N/A

Notes

1. Set-Back is from Edge of Pavement (white line).
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
3. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.
4. Lane width is the width of each **individual** lane, not to be confused with total roadway width.
5. Compliance with performance criteria shall be held to one significant digit.
6. Photometric calculations for roadways shall be performed with a total light loss factor of 0.7
7. Light trespass calculations shall be performed with a total light loss factor of 1.0 and with horizontal calculations performed at grade and vertical calculations performed with calculation points located three feet above grade.
8. Luminaire performance table is intended to define the luminaire and does not necessarily match any specific roadway geometry, mounting height, setback, or arm length.

Printed 11/10/25

BDE 5630 (Rev. 06/06/24)

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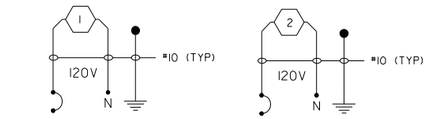
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PLOT DATE = 12/23/2025	DATE -	REVISED -	

PROPOSED LIGHTING PLAN – IL 104 (BROADWAY ST.)
LEGEND, SCHEDULE, & PERF TAB

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	141
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

*103RS-14, TS-3,(1-5HB3)BJR.BDR



2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT 38TH ST

COMBINATION LIGHTING CONTROLLER 1

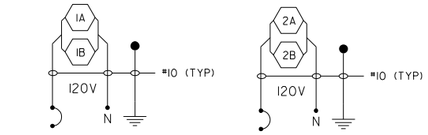
NOTES:

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

(#) LIGHTING UNIT, NUMBER AS INDICATED

GROUND ROD AT CONTROLLER

GROUND ROD AT LIGHTING UNIT

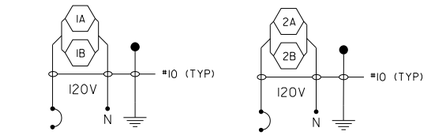


2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT 48TH ST

COMBINATION LIGHTING CONTROLLER 2

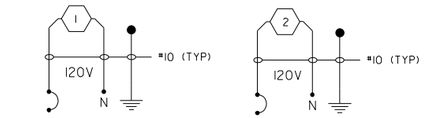


2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT 54TH ST

COMBINATION LIGHTING CONTROLLER 4

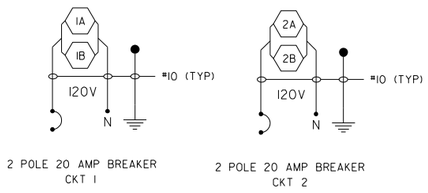


2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT I-74 SB

COMBINATION LIGHTING CONTROLLER 5

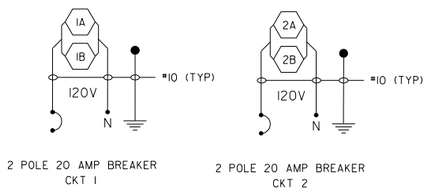


2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT 52TH ST

COMBINATION LIGHTING CONTROLLER 3

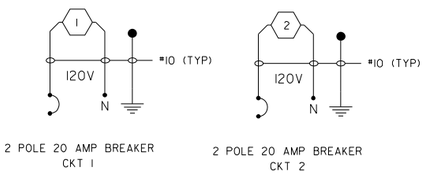


2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT 61ST ST

COMBINATION LIGHTING CONTROLLER 7



2 POLE 20 AMP BREAKER
CKT 1

2 POLE 20 AMP BREAKER
CKT 2

IL 104 AT I-74 NB

COMBINATION LIGHTING CONTROLLER 6

MODEL: Default
FILE NAME: //dist-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 6/ORD Projects/D672295/CADData/Electrical/D6-72295 Sheet-Lighting

USER NAME = Christopher.Siefert	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

PROPOSED LIGHTING PLAN – IL 104 (BROADWAY ST.)
WIRING DIAGRAM

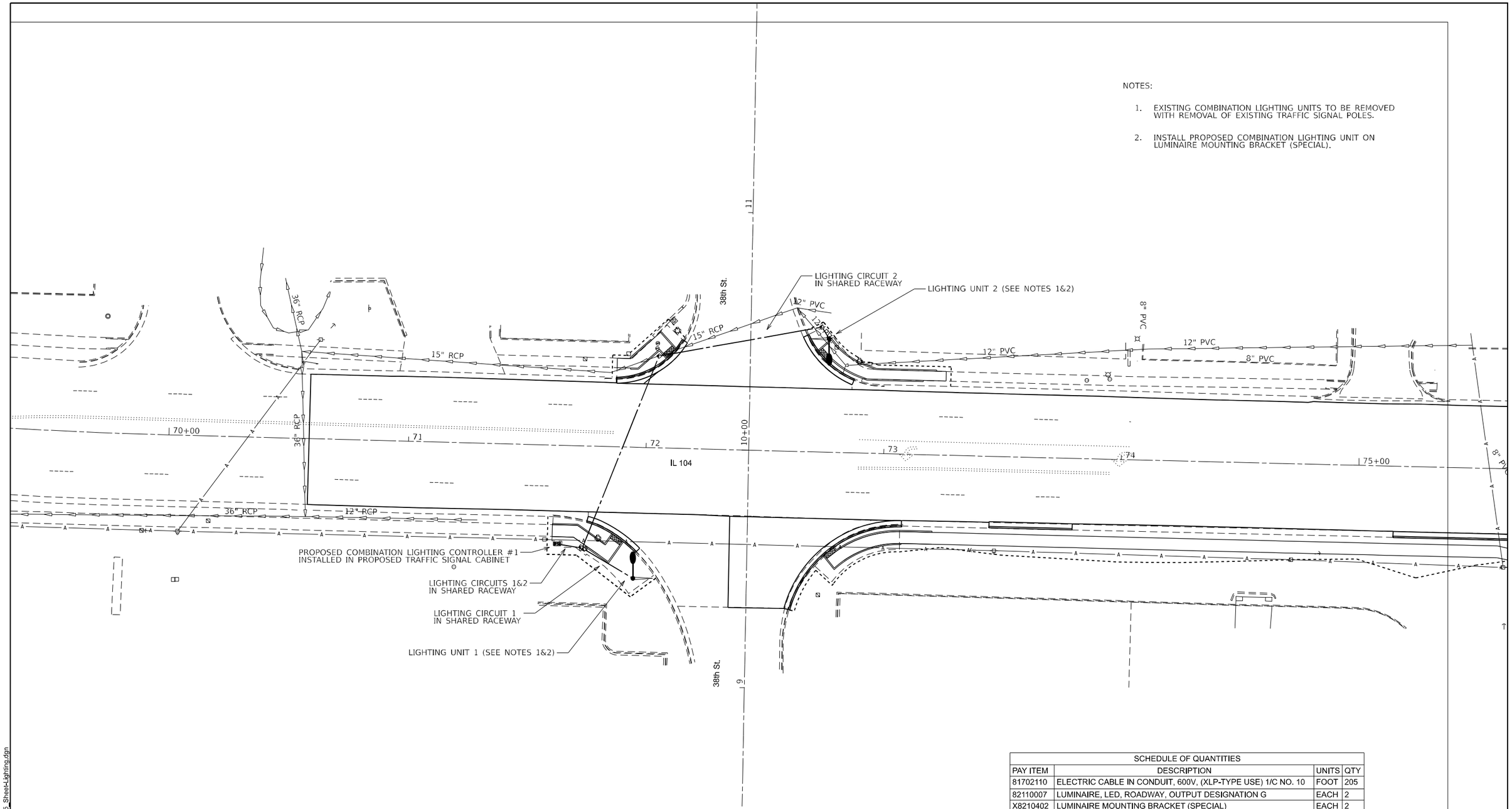
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	142
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

*103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. EXISTING COMBINATION LIGHTING UNITS TO BE REMOVED WITH REMOVAL OF EXISTING TRAFFIC SIGNAL POLES.
2. INSTALL PROPOSED COMBINATION LIGHTING UNIT ON LUMINAIRE MOUNTING BRACKET (SPECIAL).



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	205
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	2
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

MODEL: 38th St [Sheet]
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USER NAME = michael.poulter	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/15/2025	DATE -	REVISED -	

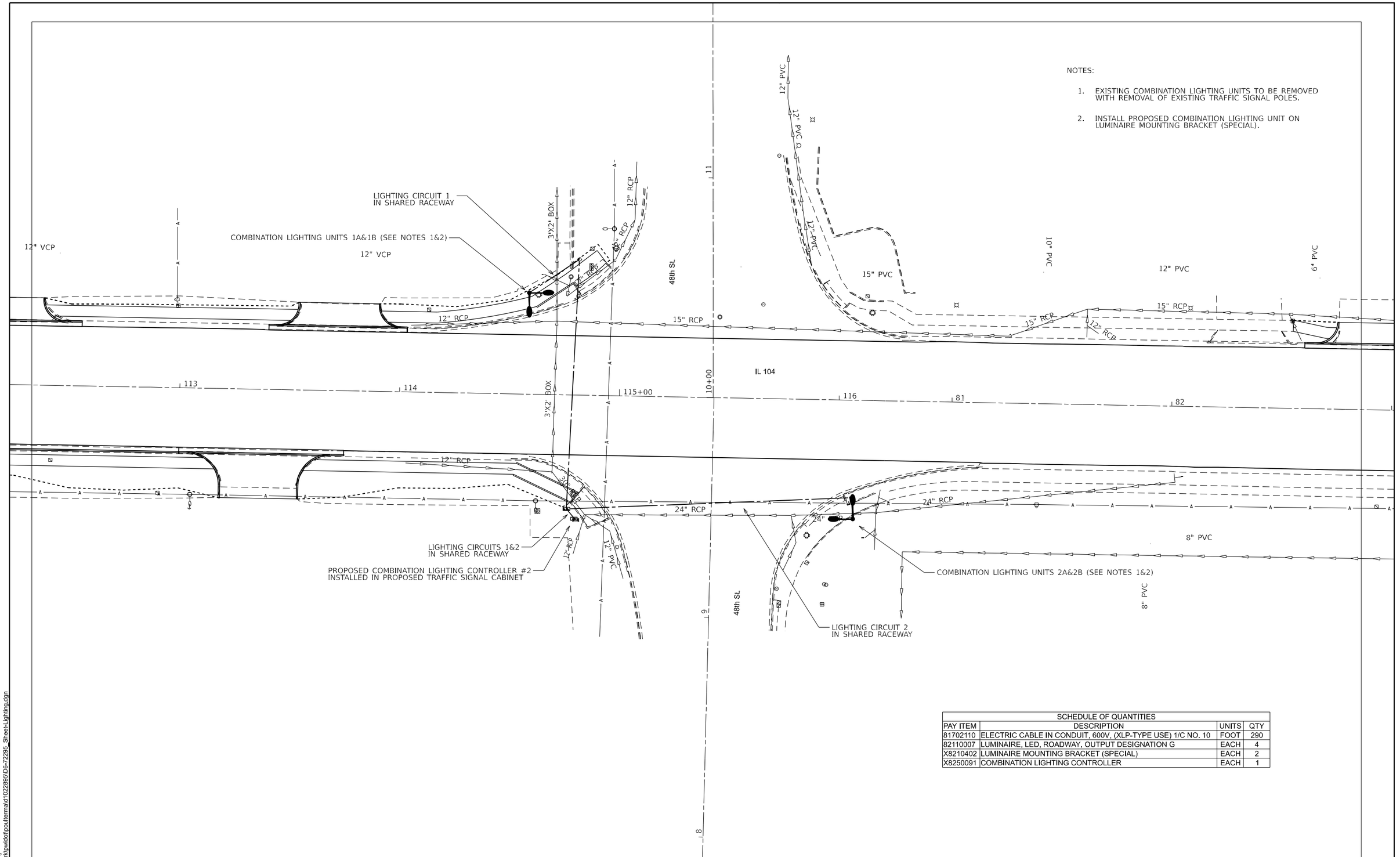
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND 38TH STREET

SCALE: | SHEET 38th St OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	143
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14, TS-3,(1-5HB3)BJR,BDR



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	290
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

MODEL: 48th St [Sheet]
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND 48TH STREET

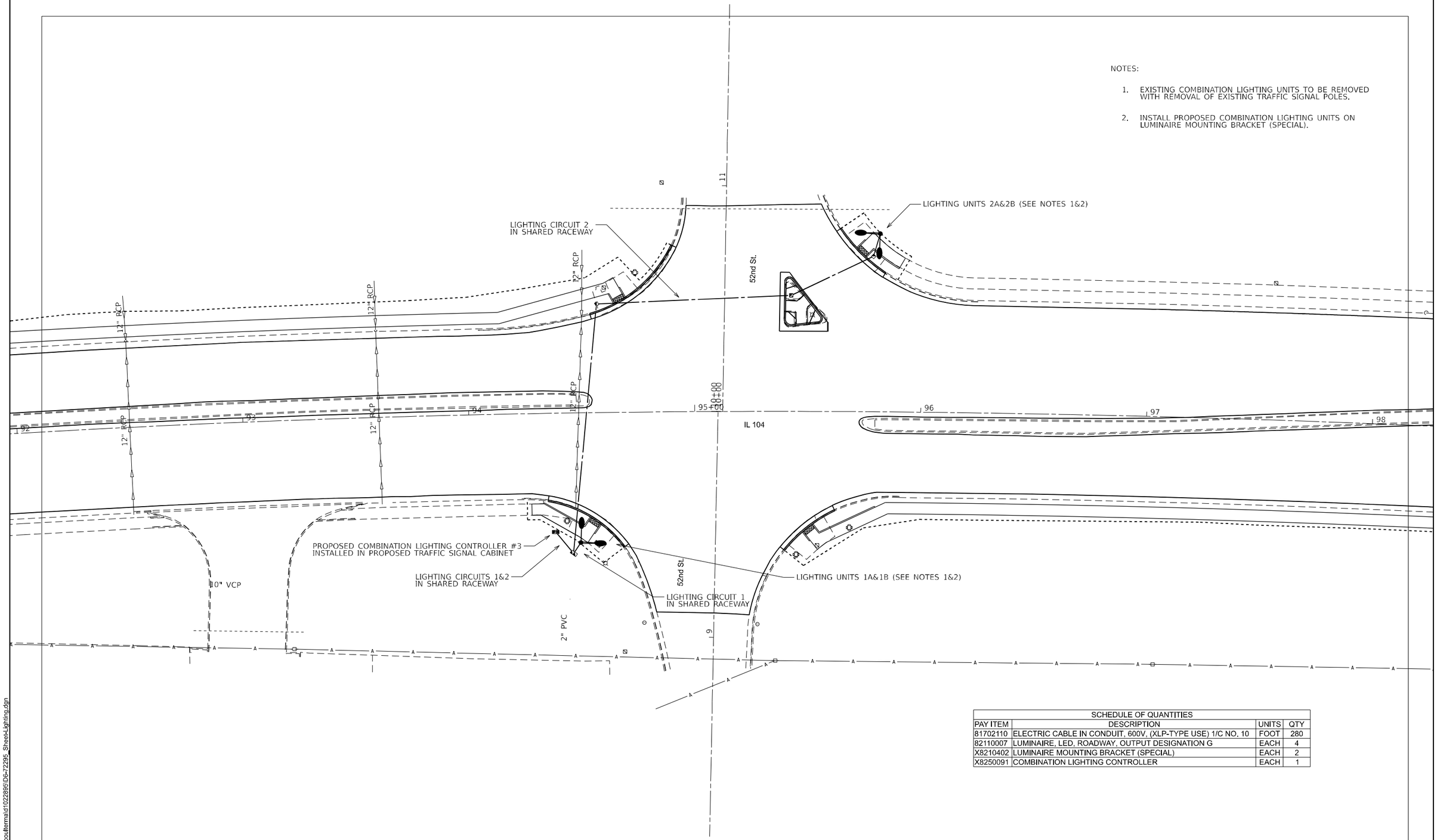
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	204	144
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. EXISTING COMBINATION LIGHTING UNITS TO BE REMOVED WITH REMOVAL OF EXISTING TRAFFIC SIGNAL POLES.
2. INSTALL PROPOSED COMBINATION LIGHTING UNITS ON LUMINAIRE MOUNTING BRACKET (SPECIAL).



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	280
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND 52ND STREET

SCALE: | SHEET 52nd St OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	145
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. EXISTING COMBINATION LIGHTING UNITS TO BE REMOVED WITH REMOVAL OF EXISTING TRAFFIC SIGNAL POLES.
2. INSTALL PROPOSED COMBINATION LIGHTING UNITS ON LUMINAIRE MOUNTING BRACKET (SPECIAL).

12" PVC
10" PVC
15" CPP
15" PVC
54th St.
11
COMBINATION LIGHTING UNIT 1A&1B (SEE NOTES 1&2)
LIGHTING CIRCUIT 1
IN SHARED RACEWAY
PROPOSED COMBINATION LIGHTING CONTROLLER #4
INSTALLED IN PROPOSED TRAFFIC SIGNAL CABINET
LIGHTING CIRCUITS 1&2
IN SHARED RACEWAY
18" PVC
12" RCP
12" RCP
12" RCP
12" RCP
12" RCP
103
104
105+00
106
IL 104
10+00
107
108
109
12" CMP
LIGHTING CIRCUIT 2
IN SHARED RACEWAY
COMBINATION LIGHTING UNIT 2A&2B (SEE NOTES 1&2)
12" RCP
61
54th St

SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	280
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

MODEL: 54 St [Sheet]
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 12/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND 54TH STREET

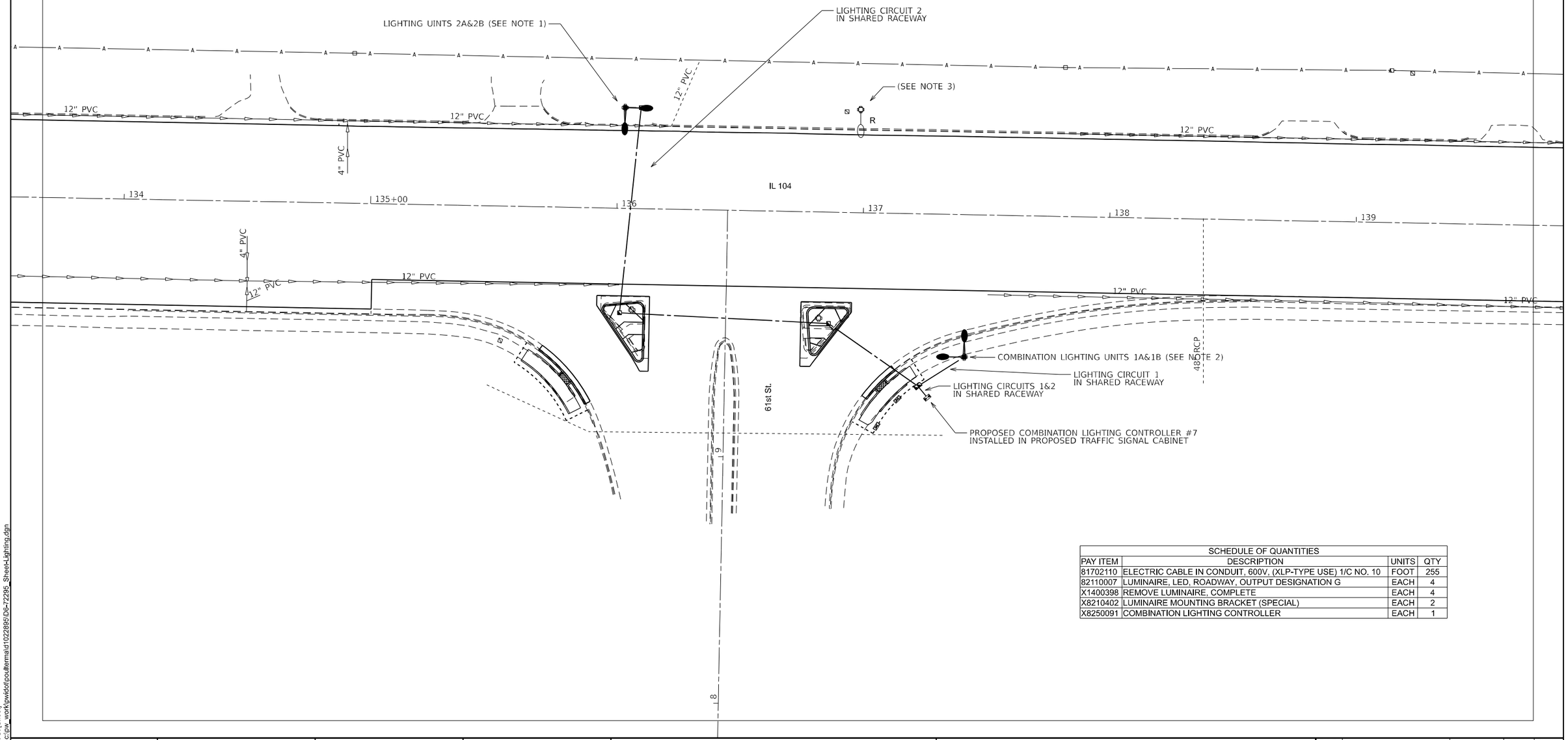
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	146
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. REMOVE EXISTING SINGLE ARM COMBINATION LIGHTING UNIT INSTALL PROPOSED COMBINATION LIGHTING UNITS ON LUMINAIRE MOUNTING BRACKET (SPECIAL)
2. REMOVE EXISTING TWIN ARM COMBINATION LIGHTING UNIT INSTALL PROPOSED TWIN ARM COMBINATION LIGHTING UNITS ON LUMINAIRE MOUNTING BRACKET (SPECIAL)
3. REMOVE EXISTING COMBINATION LIGHTING UNIT



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	255
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
X1400398	REMOVE LUMINAIRE, COMPLETE	EACH	4
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

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USER NAME = michael.poulter	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND 61ST STREET

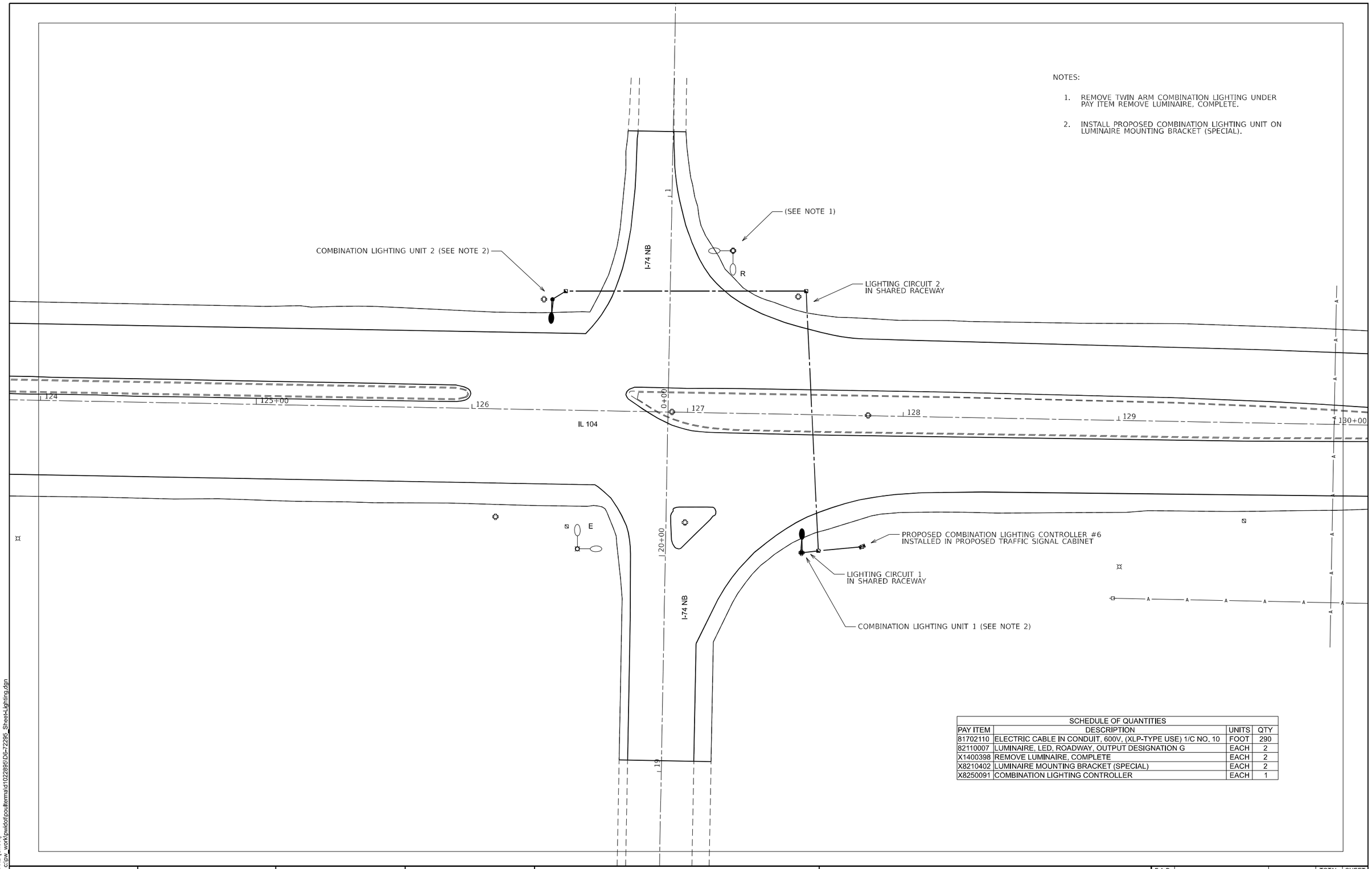
SCALE: | SHEET 61st St OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	147
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. REMOVE TWIN ARM COMBINATION LIGHTING UNDER PAY ITEM REMOVE LUMINAIRE, COMPLETE.
2. INSTALL PROPOSED COMBINATION LIGHTING UNIT ON LUMINAIRE MOUNTING BRACKET (SPECIAL).



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	290
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	2
X1400398	REMOVE LUMINAIRE, COMPLETE	EACH	2
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

MODEL: I-74 NB [Sheet]
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USER NAME = michael.poulter	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND I-72 NB

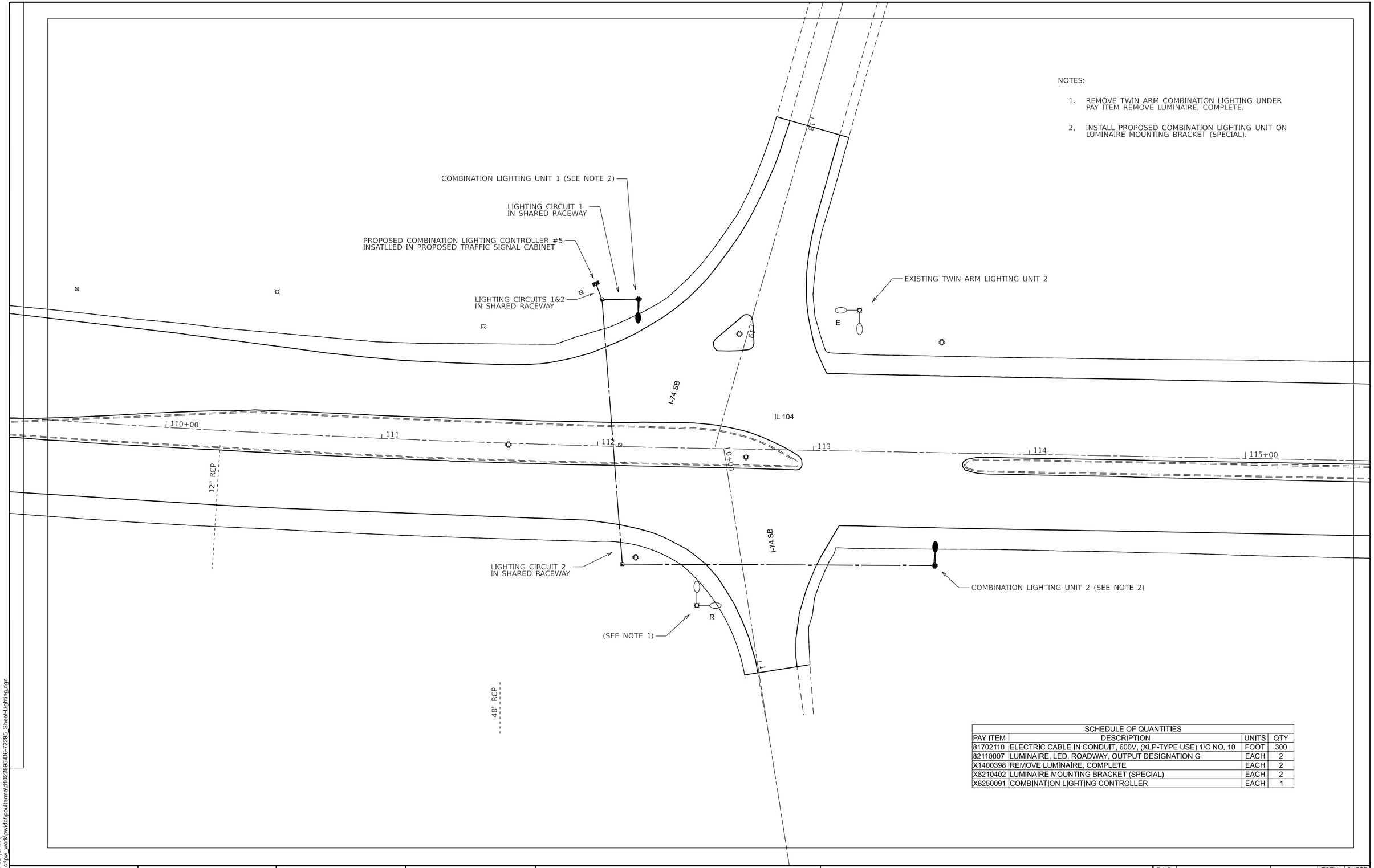
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	148
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14, TS-3,(1-5HB3)BJR,BDR

NOTES:

1. REMOVE TWIN ARM COMBINATION LIGHTING UNDER PAY ITEM REMOVE LUMINAIRE, COMPLETE.
2. INSTALL PROPOSED COMBINATION LIGHTING UNIT ON LUMINAIRE MOUNTING BRACKET (SPECIAL).



SCHEDULE OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNITS	QTY
81702110	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 10	FOOT	300
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	2
X1400398	REMOVE LUMINAIRE, COMPLETE	EACH	2
X8210402	LUMINAIRE MOUNTING BRACKET (SPECIAL)	EACH	2
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

MODEL: I-74 SB [Sheet]
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	DRAWN -	REVISED -
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PLOT DATE = 12/15/2025	DATE -	REVISED -

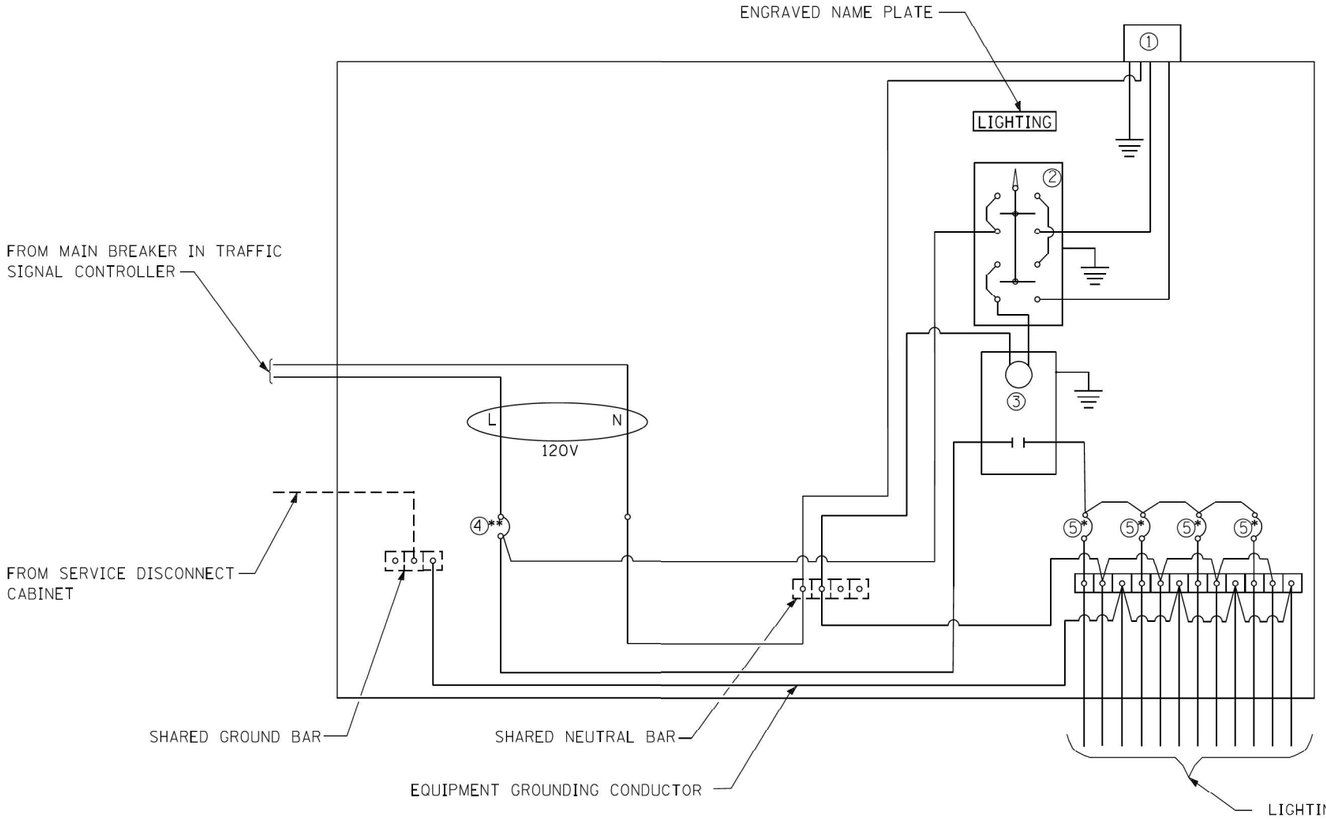
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
IL 104 (BROADWAY ST.) AND I-72 SB

SCALE: | SHEET I-74 SB OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	149
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14, TS-3,(1-5HB3)BJR,BDR



LEGEND

⏚ Ground connected to shared ground bar.

- - - - Indicates shared with traffic signal controller equipment.

① Photocell with integral surge arrester.
② HAND-OFF-AUTO selector switch.
③ 30 amp, 1 pole electrically hold contactor.
④ 20 amp, 1 pole, circuit breaker
⑤ 15 amp, 1 pole, branch breaker

* Quantity of branch breakers shall depend on the combination lighting circuit diagram or as directed by the engineer.

** Size larger as needed.

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

All control installation components shall be U.L. listed.

All wiring shall be neatly dressed, identified by tags, and supported.

The circuit breaker shall be clearly labeled for lighting according to Article 1068.01(f) of the Standard Specifications.

Install under eave photocell on traffic signal controller cabinet per Article 1068.01(e)(2) of the Standard Specifications.

All lighting euipment shall be installed on a side mounted insulated subpanel per Article 1068.01(e)(9) of the Standard Specifications on the lower right hand side of the traffic signal controller or as directed by the engineer.

Provide an engraved stainless steel nameplate on the sub panel reading "LIGHTING".

DATE	REVISIONS
10/13/14	NEW DETAIL
01/07/17	CHANGE MAIN CB TO 20A

COMBINATION LIGHTING CONTROLLER DETAIL

MODEL: Default
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USER NAME = Christopher.Siefert	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN – IL 104 (BROADWAY ST.)
COMBINATION CONTROLLER DETAIL

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	150
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

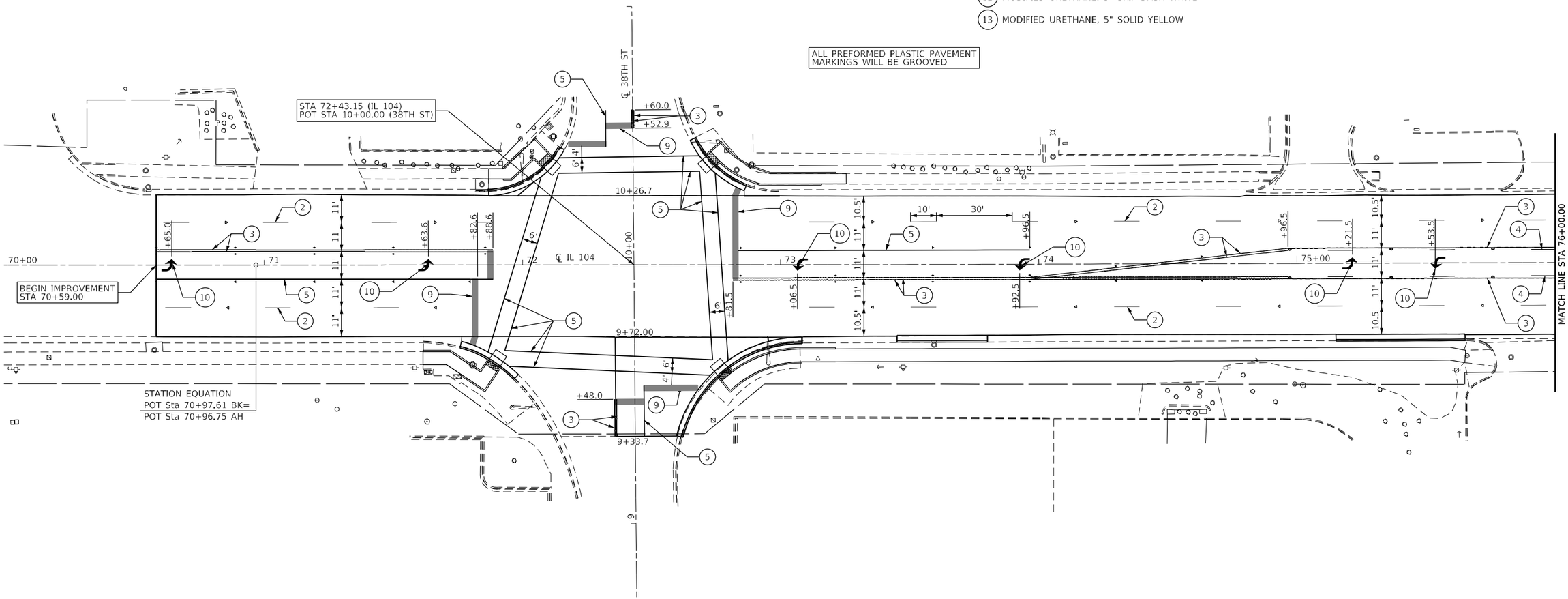
*103RS-14, TS-3,(1-5HB3)BJR.BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



MODEL: Default
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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 1 OF 19 SHEETS | STA. 70+00.00 | TO STA. 76+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	151
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

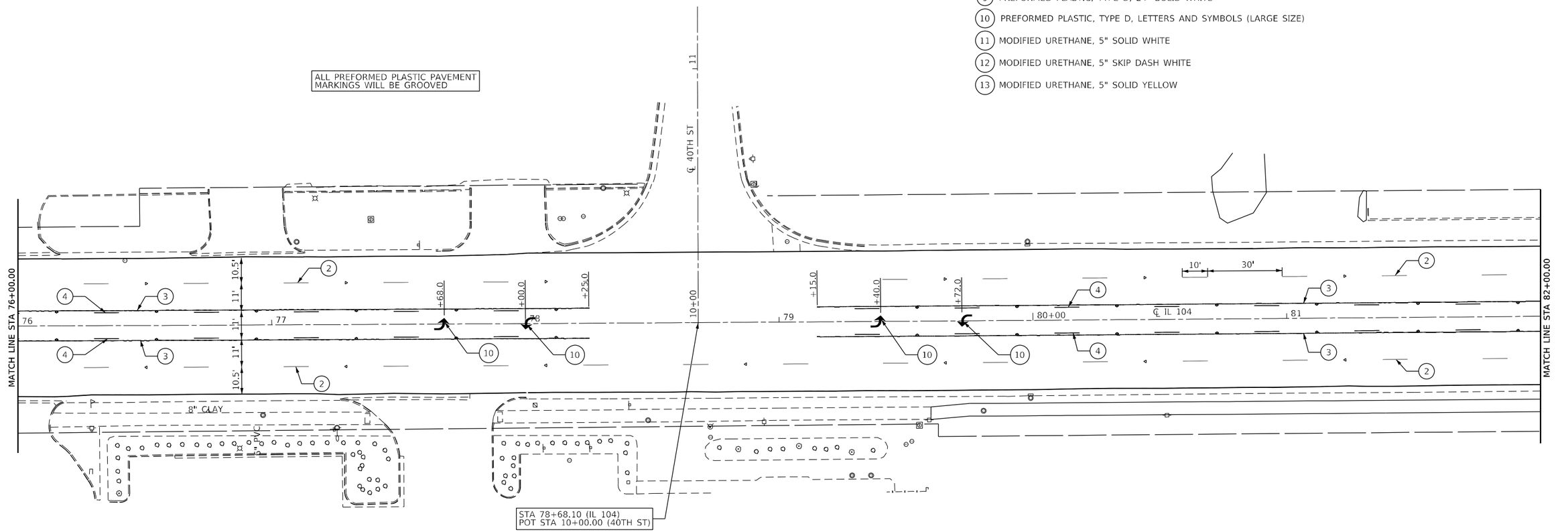
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



N

0 20 40 60

SCALE IN FEET

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 2 OF 19 SHEETS | STA. 76+00.00 TO STA. 82+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	152
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

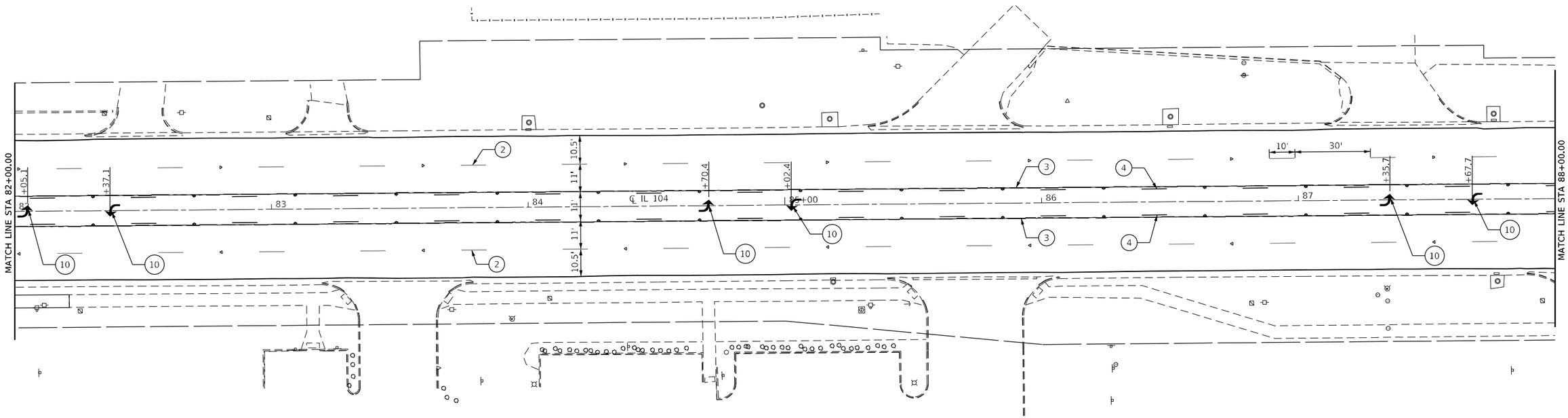
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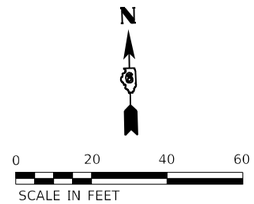
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 3 OF 19 SHEETS | STA. 82+00.00 | TO STA. 88+00.00

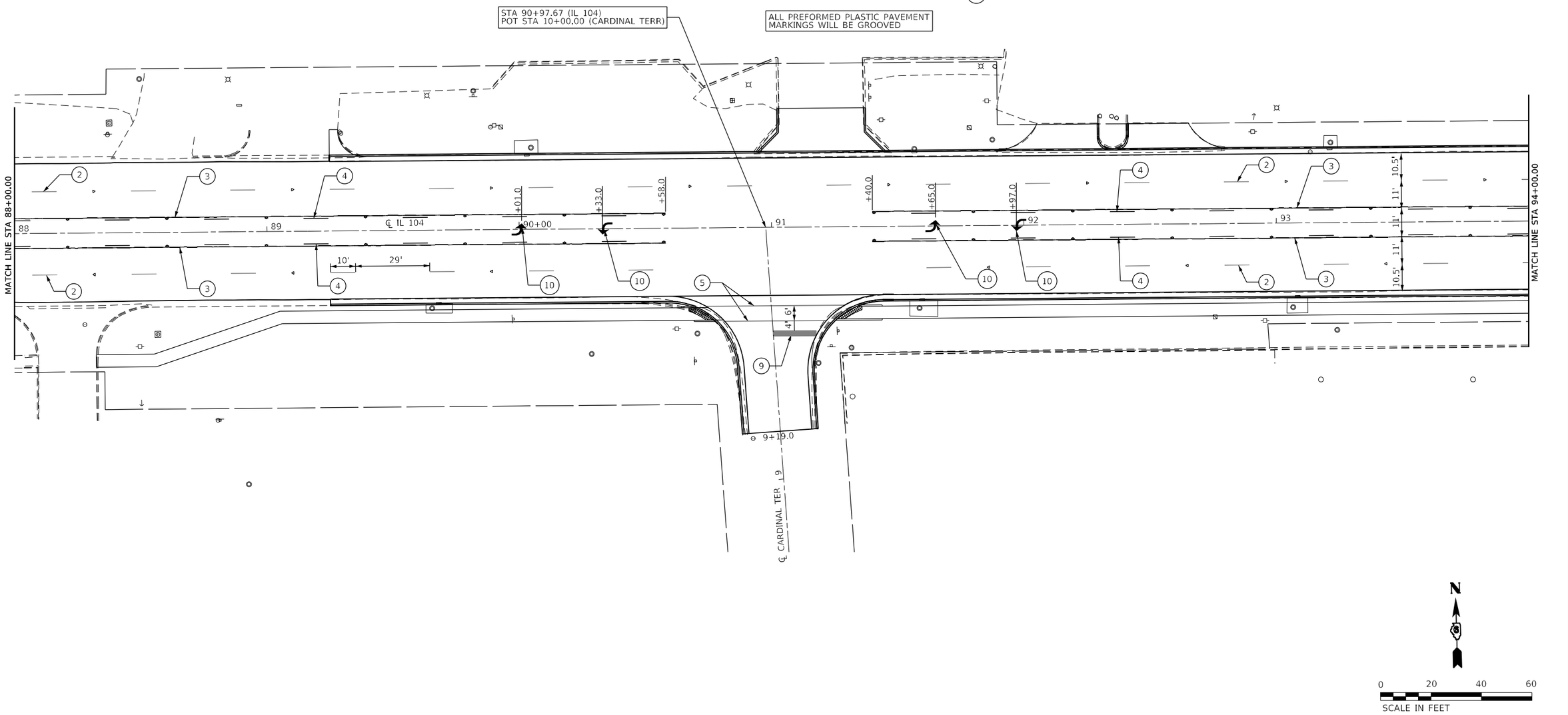
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	153
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS



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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 4 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	154
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

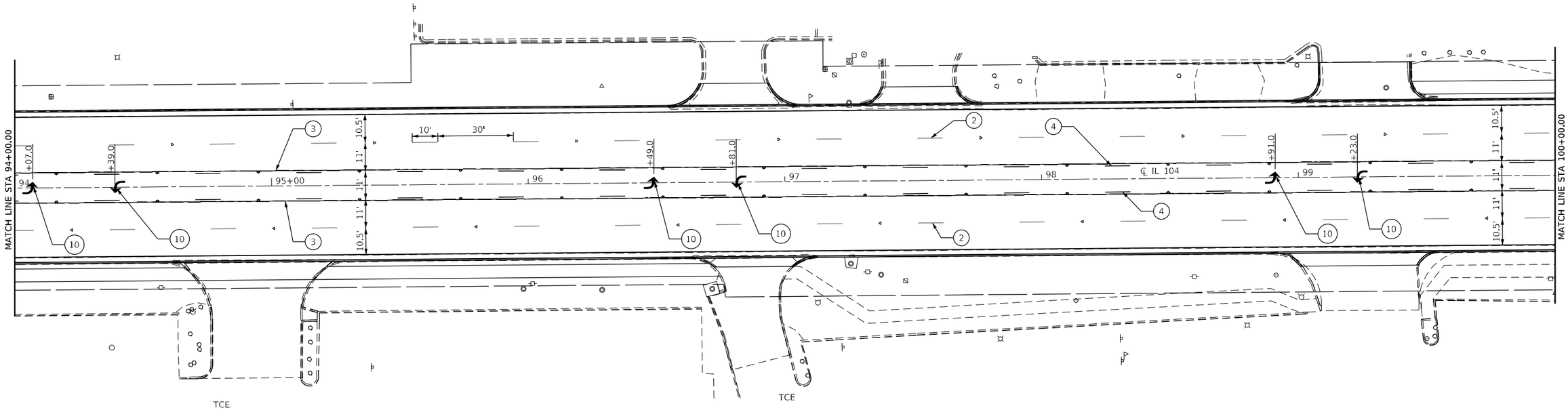
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



N

0 20 40 60

SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 5 OF 19 SHEETS | STA. 94+00.00 | TO STA. 100+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	155
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

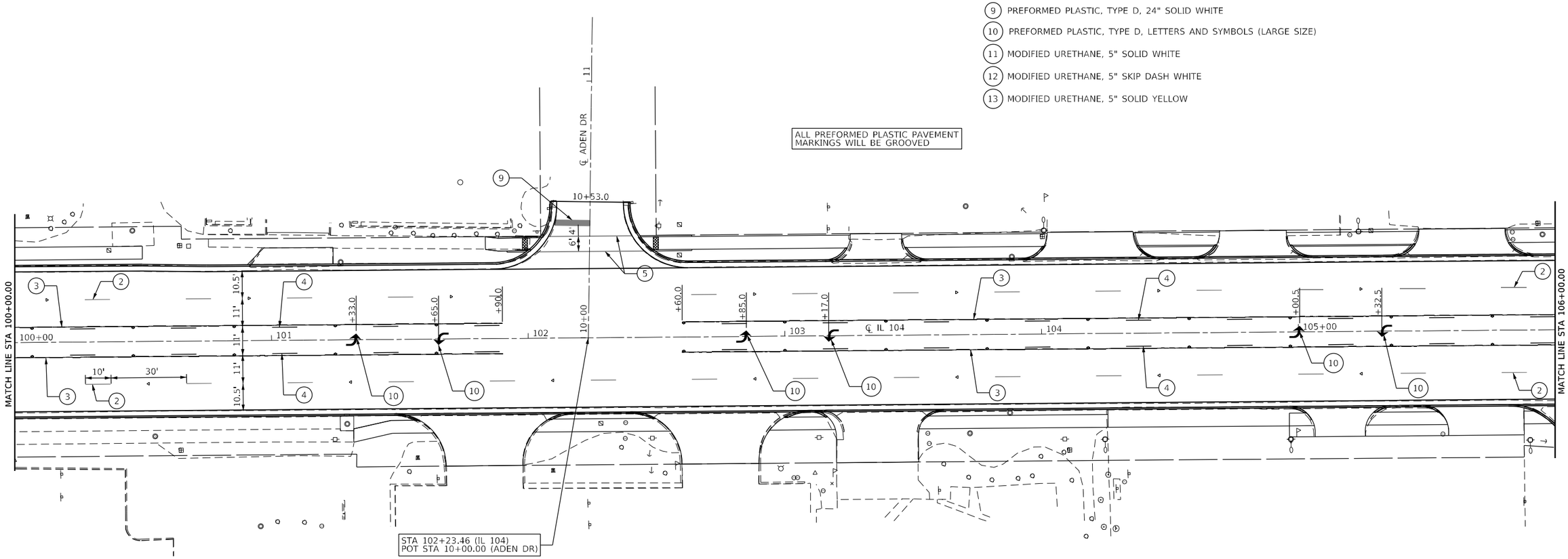
* 103RS-14,TS-3, (1-5HB3)BJR.BDR

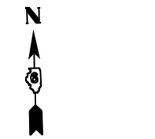
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





0 20 40 60

SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 6 OF 19 SHEETS | STA. 100+00.00 TO STA. 106+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	156
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

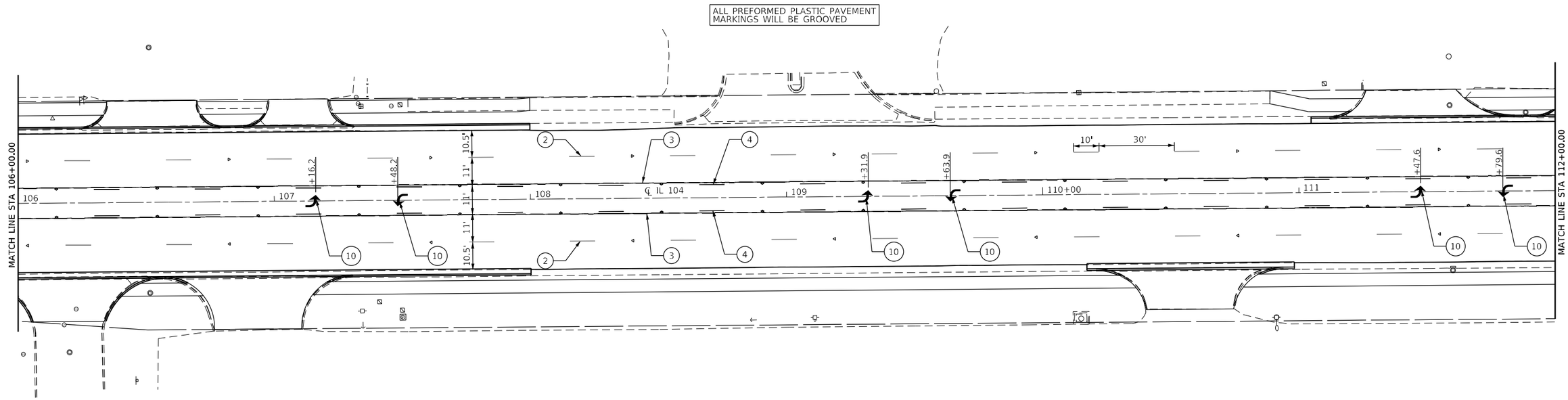
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

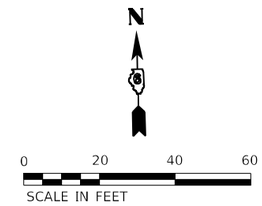
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 7 OF 19 SHEETS | STA. 106+00.00 TO STA. 112+00.00

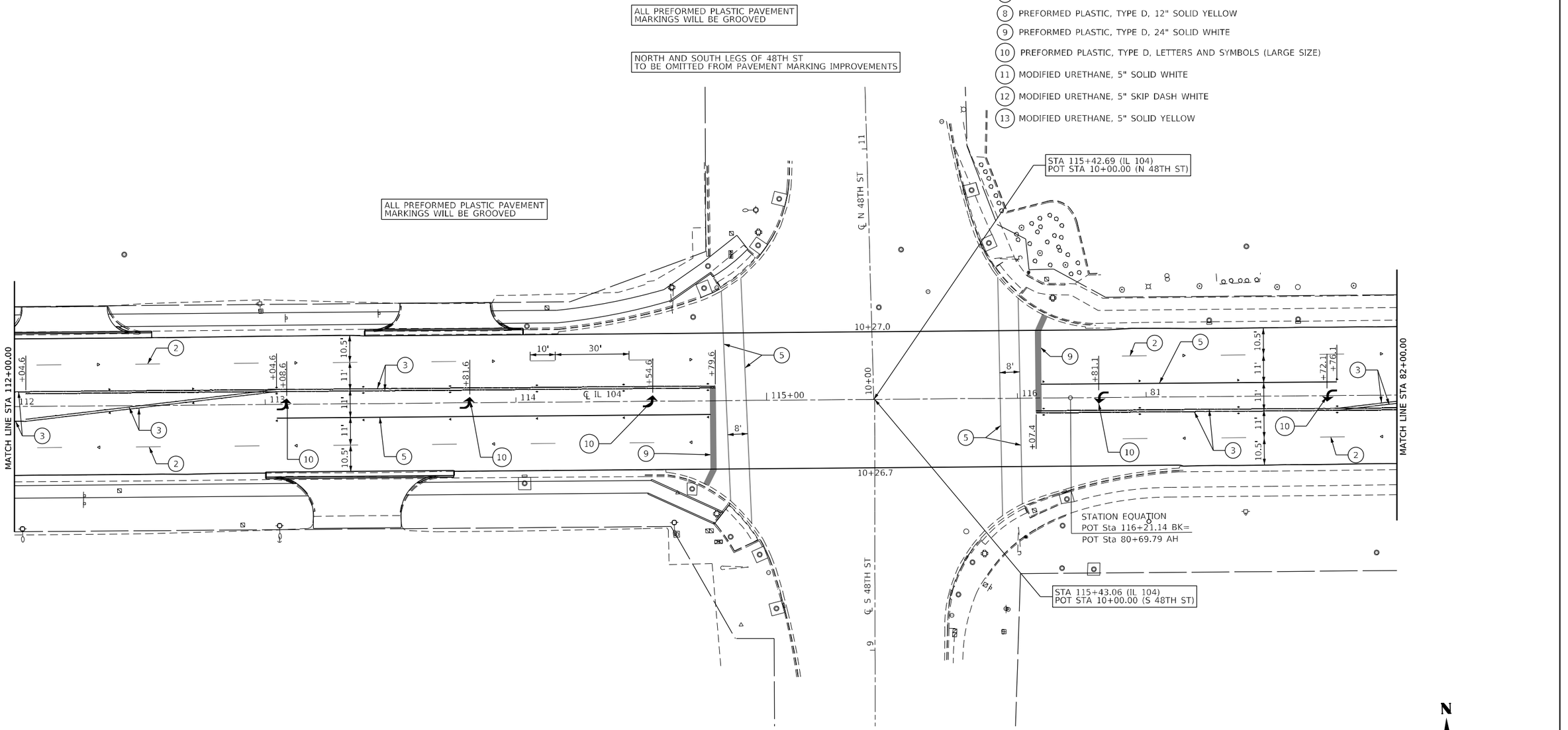
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	157
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 8 OF 19 SHEETS | STA. 112+00.00 | TO STA. 82+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	158
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

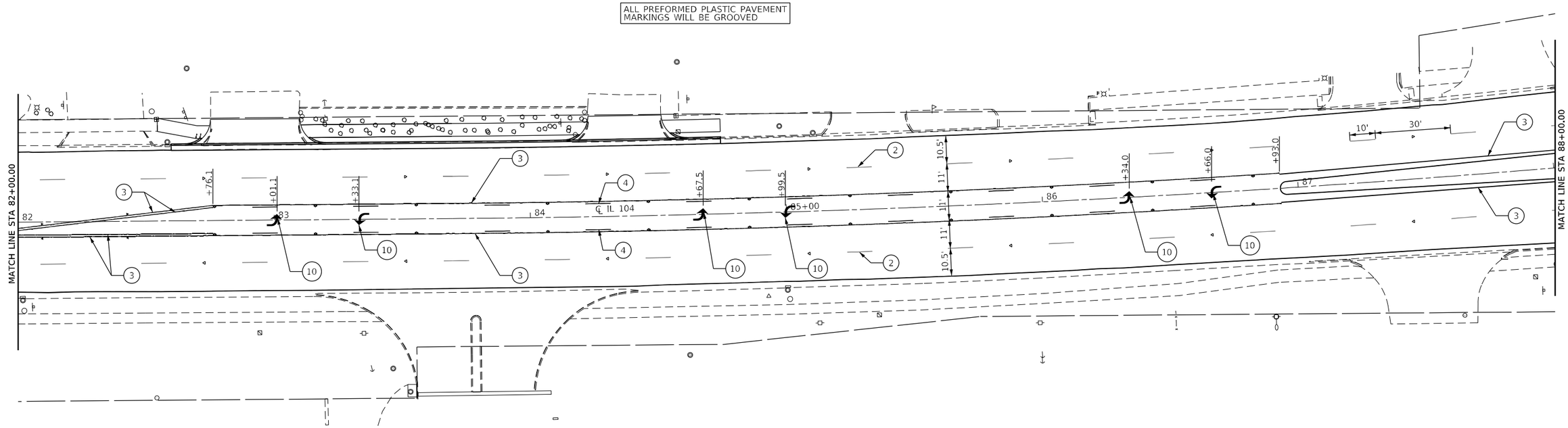
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

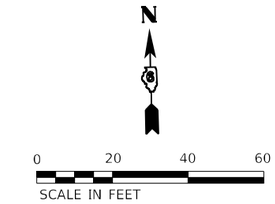
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 9 OF 19 SHEETS | STA. 82+00.00 | TO STA. 88+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	159
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

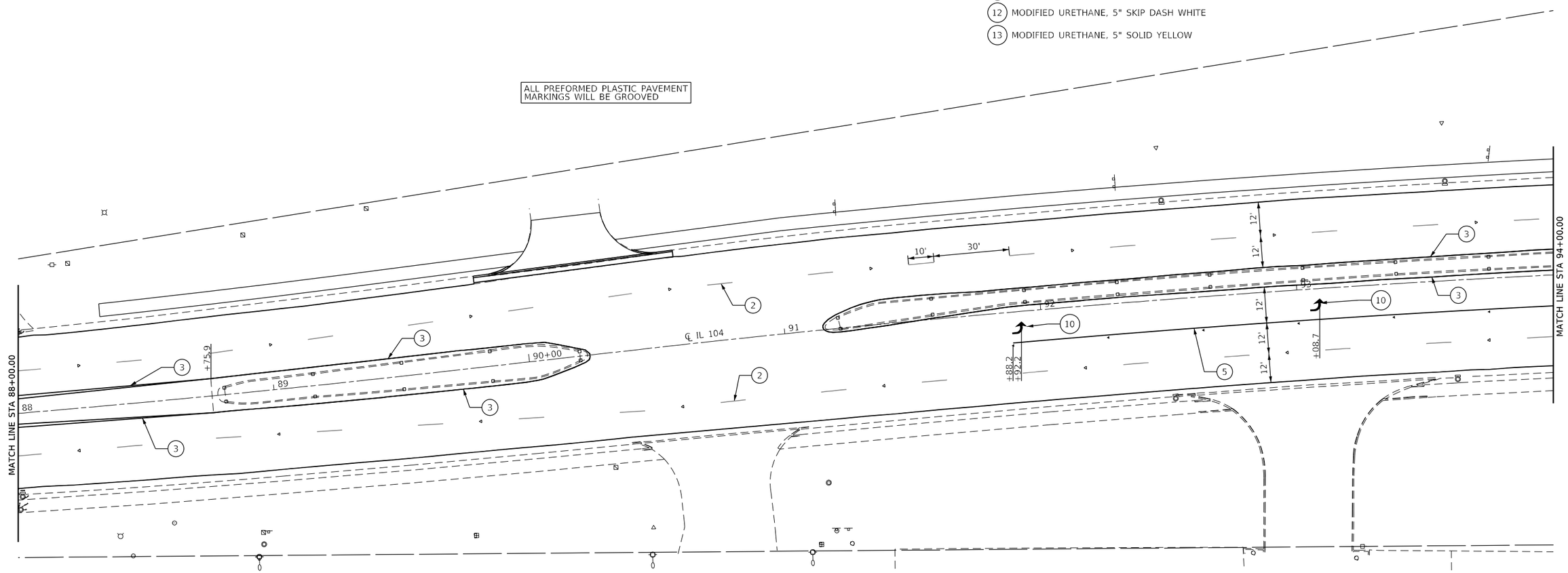
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

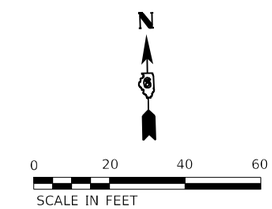
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 10 OF 19 SHEETS | STA. 88+00.00 | TO STA. 94+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	160
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED

STA 95+12.39 (IL 104)
POT STA 10+00.00 (N 52ND ST)

STA 95+10.32 (IL 104)
POT STA 10+00.00 (S 52ND ST)

MATCH LINE STA 94+00.00

MATCH LINE STA 100+00.00

℄ IL 104

℄ N 52ND ST

℄ S 52ND ST

95+00

96

97

98

99

10+91.1

9+10.8

+88.3

+78.9

+50.2

+25.2

+37.5

+54.8

+73.5

+88.9

+98.5

+13.9

+18.0

+22.0

+26.0

+59.0

+63.0

+49.7

+55.7

+73.0

+98.0

10'

30'

6'

12'

0 20 40 60

SCALE IN FEET

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 11 OF 19 SHEETS | STA. 94+00.00 TO STA. 100+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	161
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

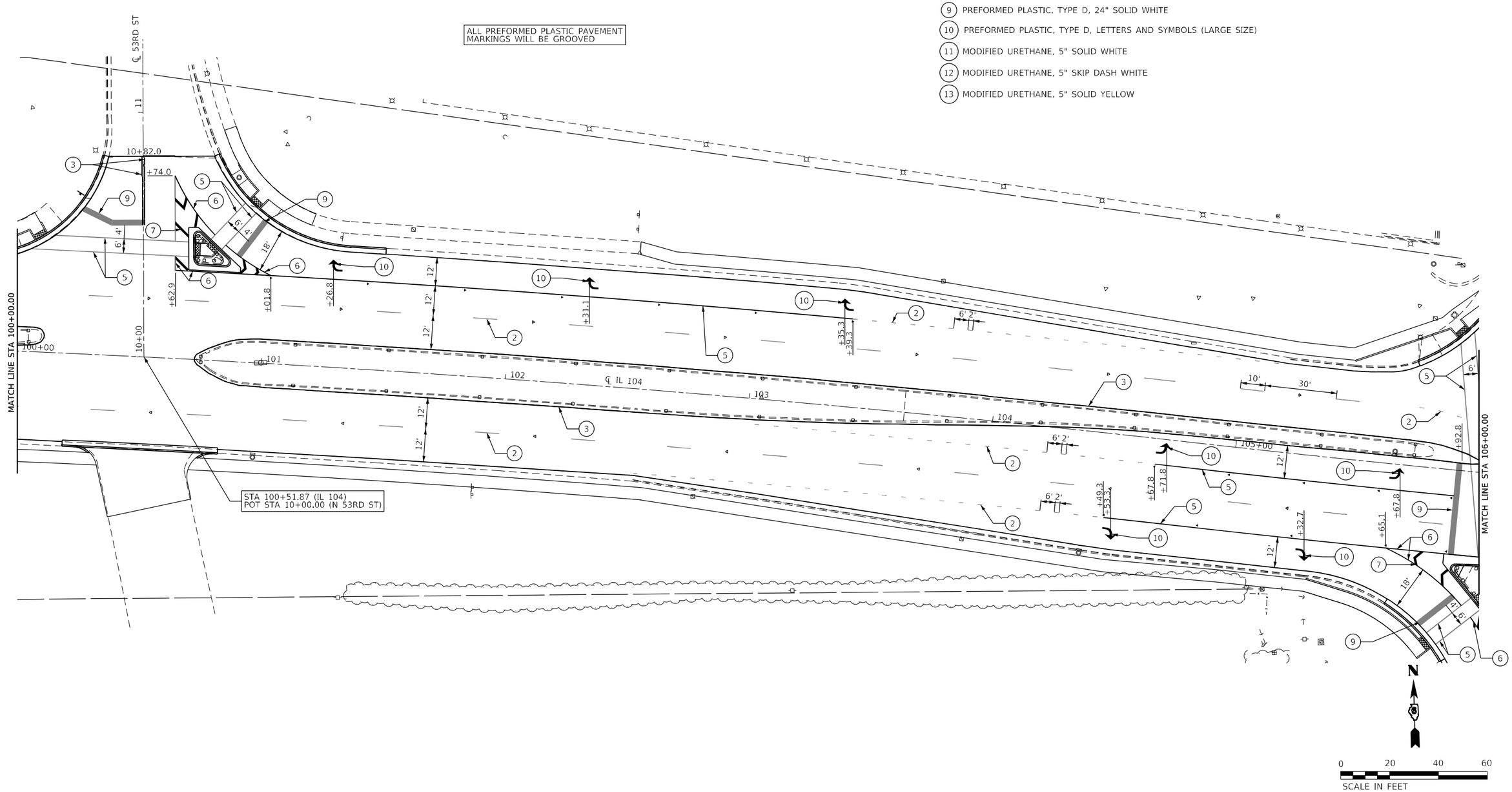
* 103RS-14,TS-3, (1-5HB3)BJR.BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 12 OF 19 SHEETS | STA. 100+00.00 TO STA. 106+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	162
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

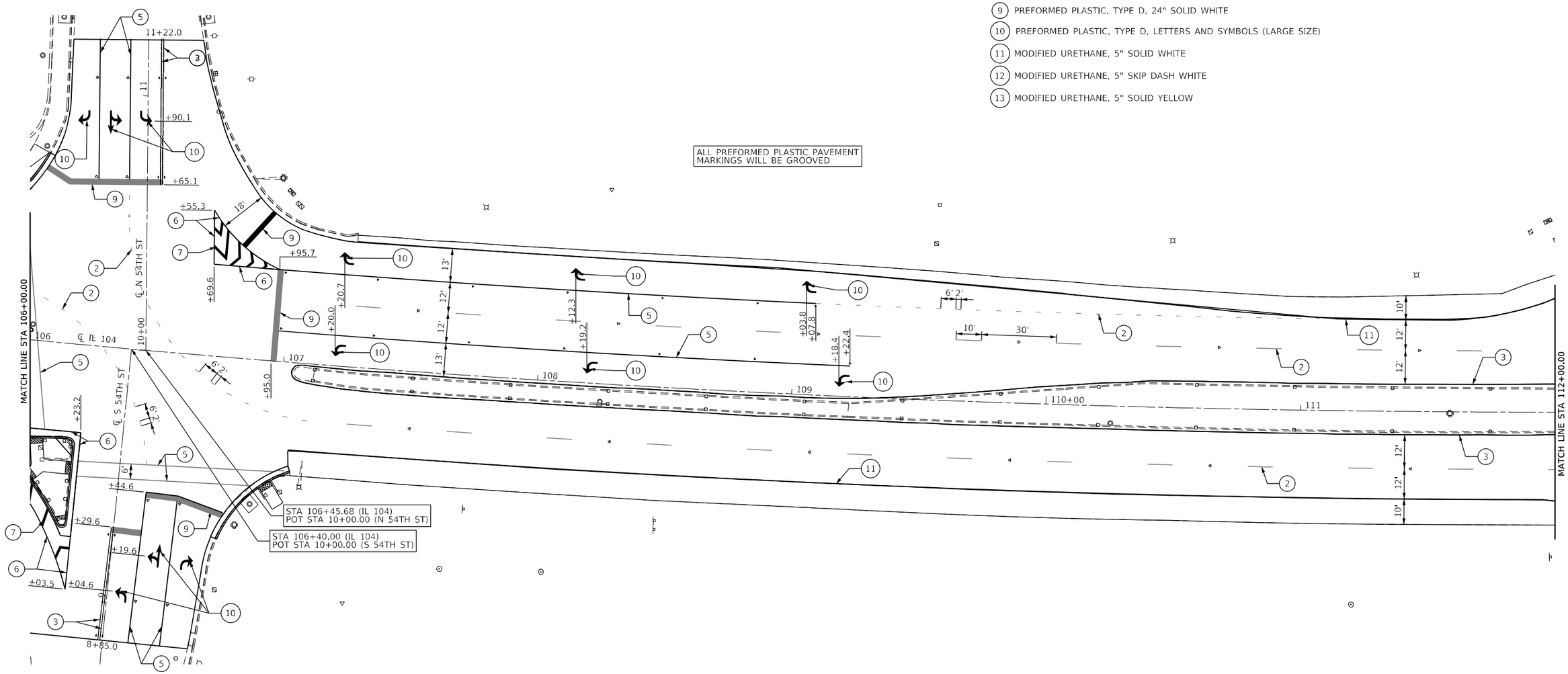
* 103RS-14,TS-3, (1-SHB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



N

0 20 40 60

SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 13 OF 19 SHEETS | STA. 106+00.00 TO STA. 112+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	163
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

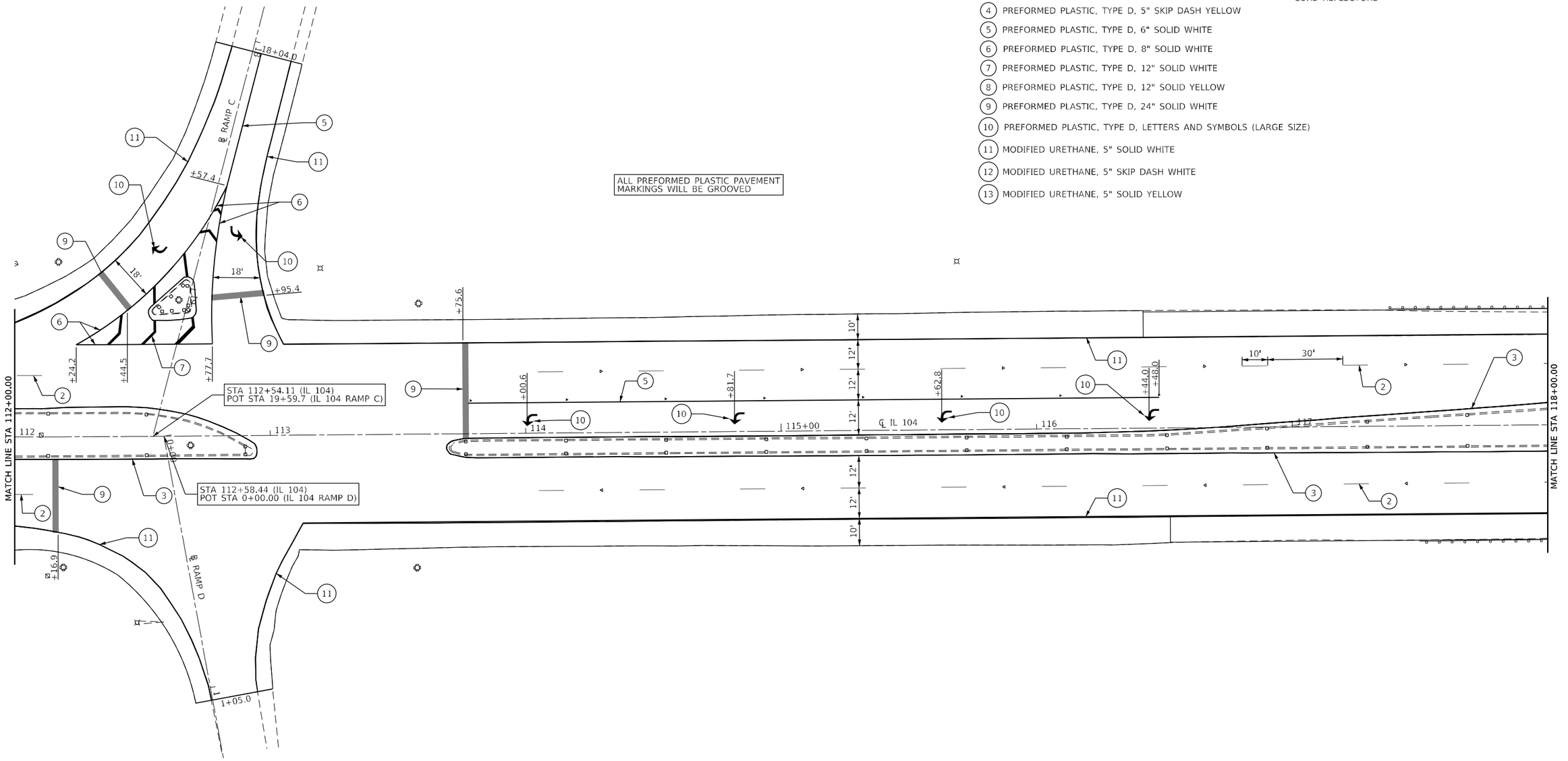
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

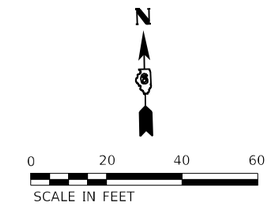
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 14 OF 19 SHEETS | STA. 112+00.00 | TO STA. 118+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	164
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

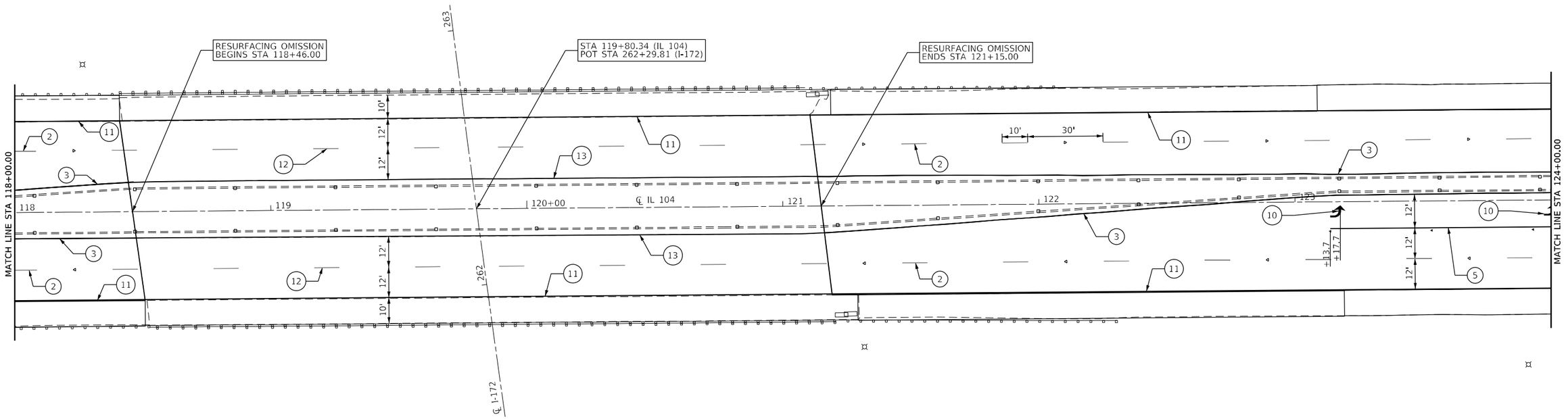
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

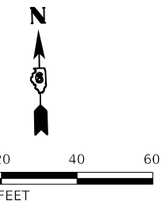
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 15 OF 19 SHEETS | STA. 118+00.00 TO STA. 124+00.00

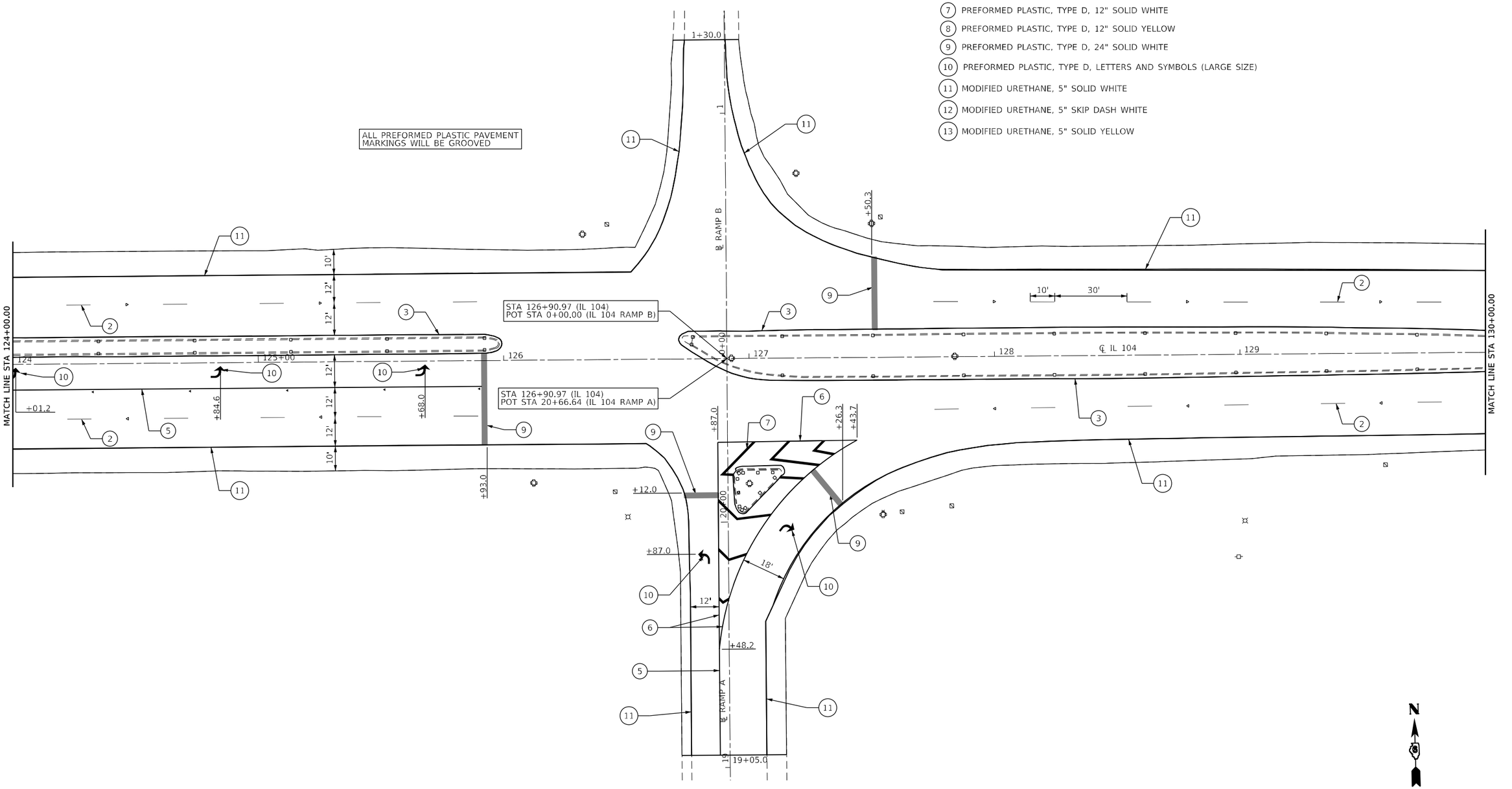
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	165
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 16 OF 19 SHEETS | STA. 124+00.00 TO STA. 130+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	166
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

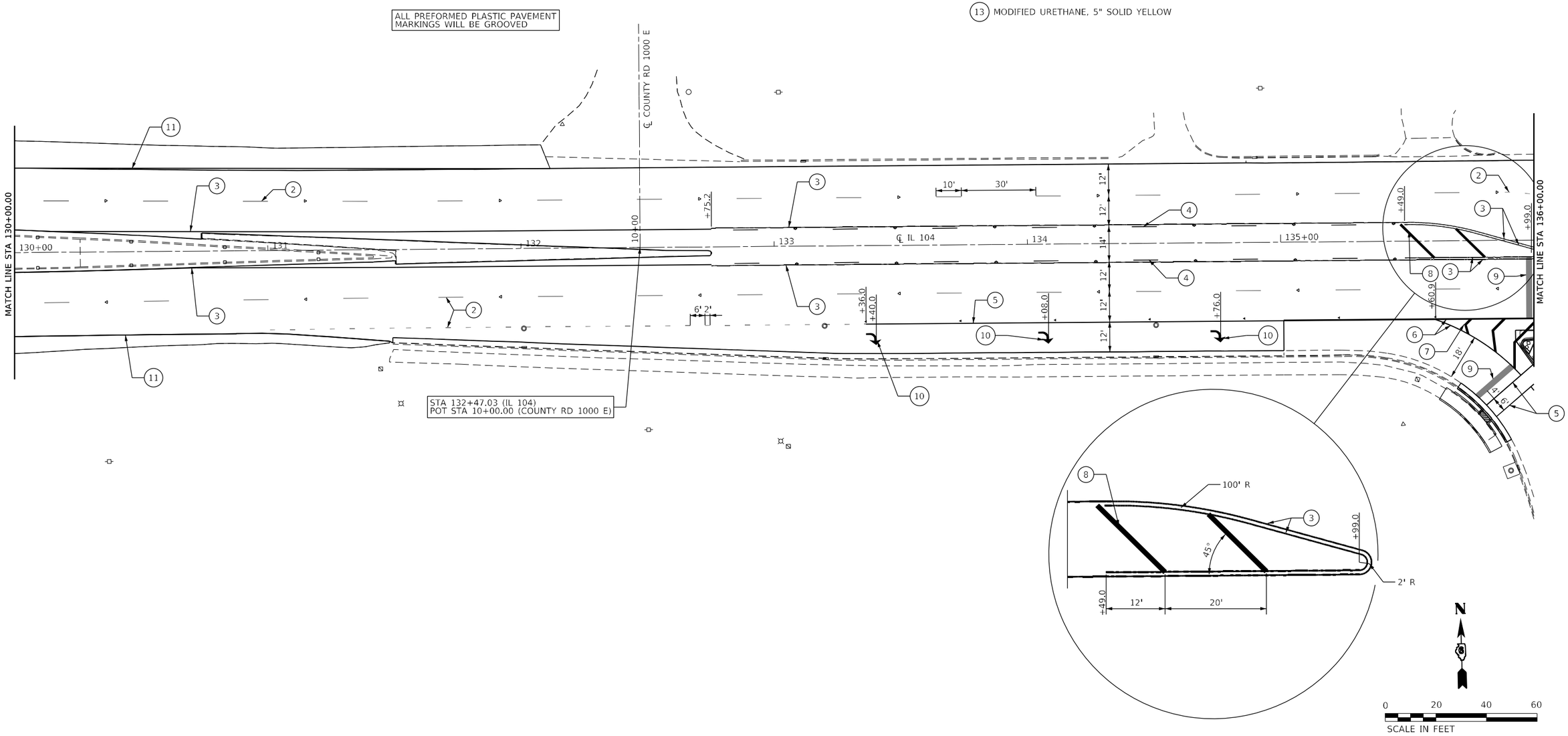
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



0 20 40 60

SCALE IN FEET

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 17 OF 19 SHEETS | STA. 130+00.00 TO STA. 136+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	167
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

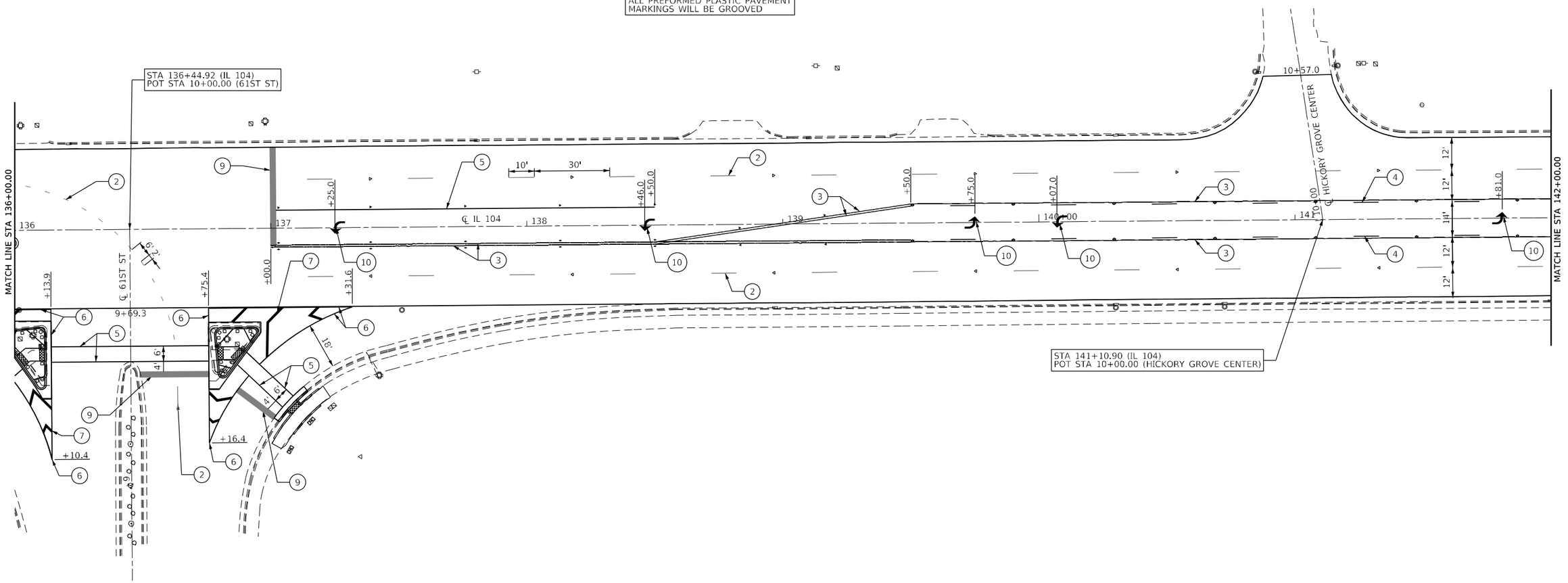
* 103RS-14,TS-3, (1-5HB3)BJR,BDR

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS

ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED



N

0 20 40 60

SCALE IN FEET

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = mrich	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 12/23/2025	DATE -	REVISED -		

SCALE: 1"=20' | SHEET 18 OF 19 SHEETS | STA. 136+00.00 TO STA. 142+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	168
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

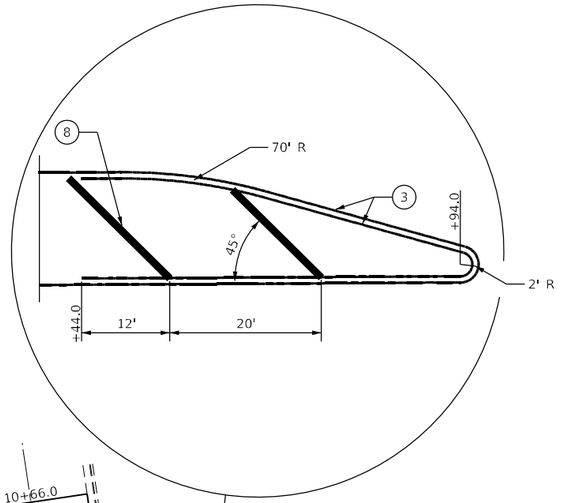
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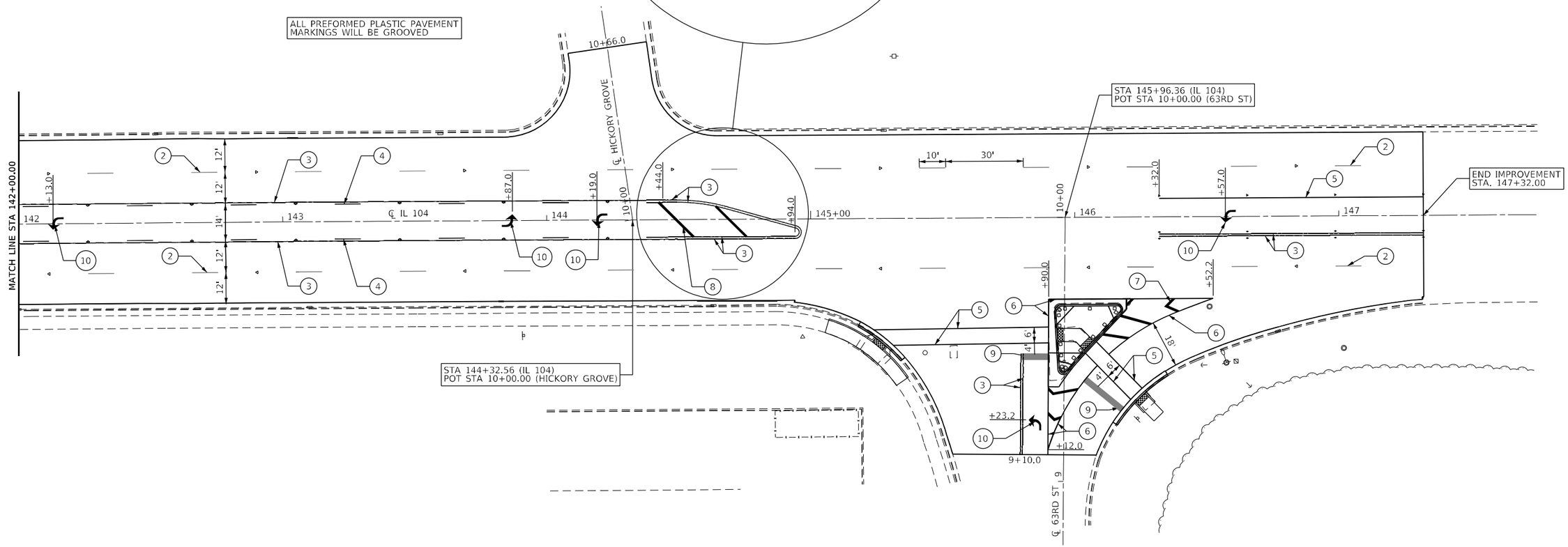
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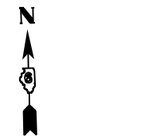
1. PREFORMED PLASTIC, TYPE D, 5" SOLID WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
3. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
4. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
5. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
8. PREFORMED PLASTIC, TYPE D, 12" SOLID YELLOW
9. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
10. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS (LARGE SIZE)
11. MODIFIED URETHANE, 5" SOLID WHITE
12. MODIFIED URETHANE, 5" SKIP DASH WHITE
13. MODIFIED URETHANE, 5" SOLID YELLOW

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY
- CURB REFLECTORS



ALL PREFORMED PLASTIC PAVEMENT MARKINGS WILL BE GROOVED





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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

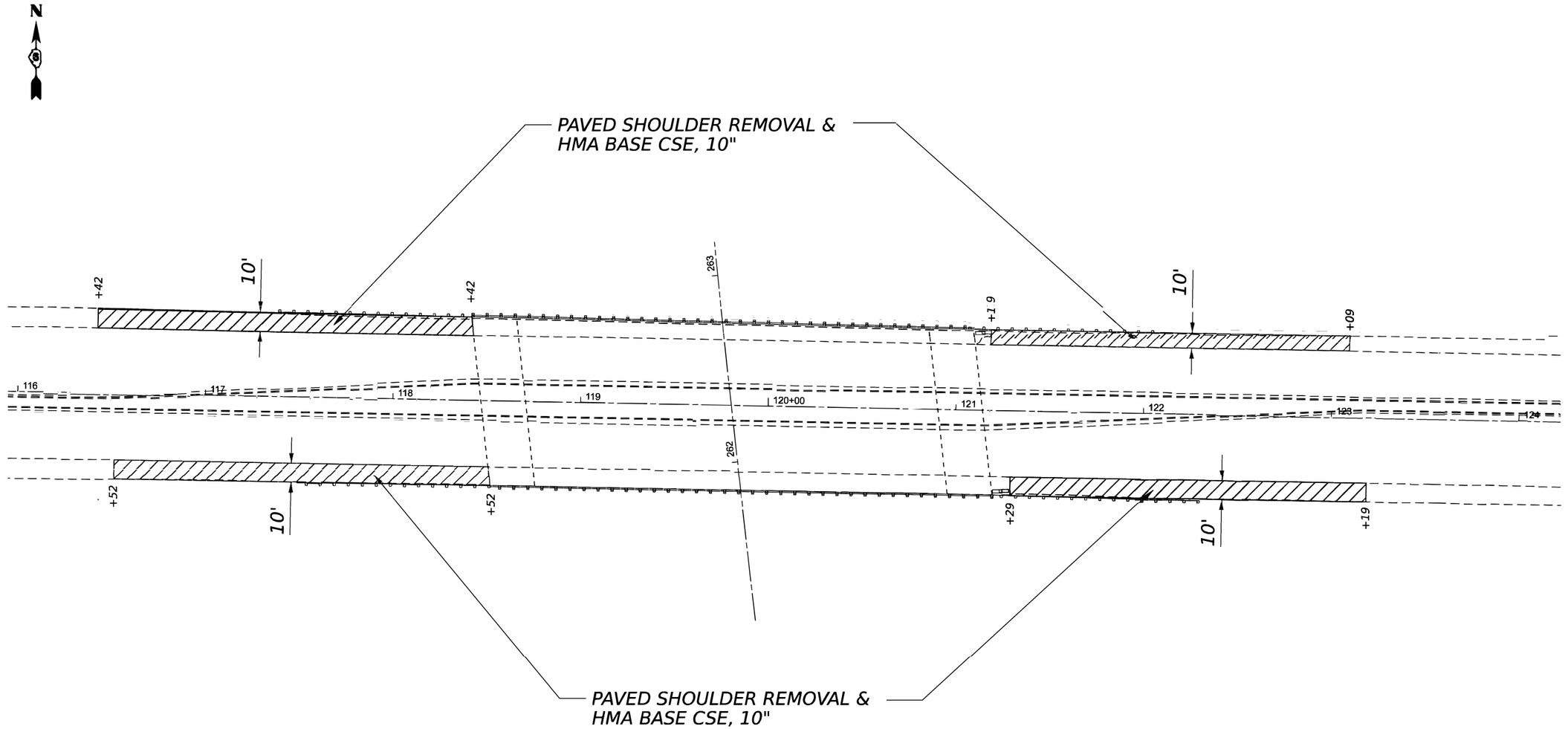
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 19 OF 19 SHEETS | STA. 142+00.00 | TO STA. 147+32.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	169
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



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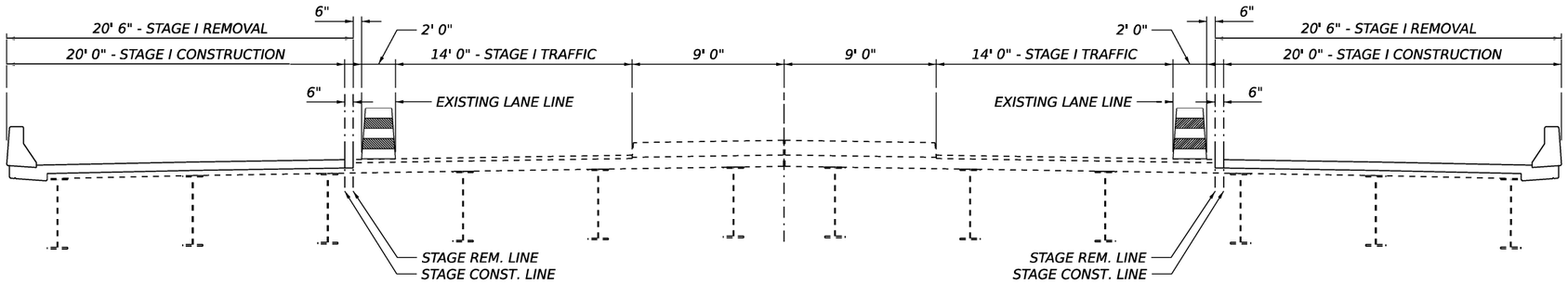
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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 11/7/2025	DATE -	REVISED -	

ROADWAY PLAN - BRIDGE STAGING

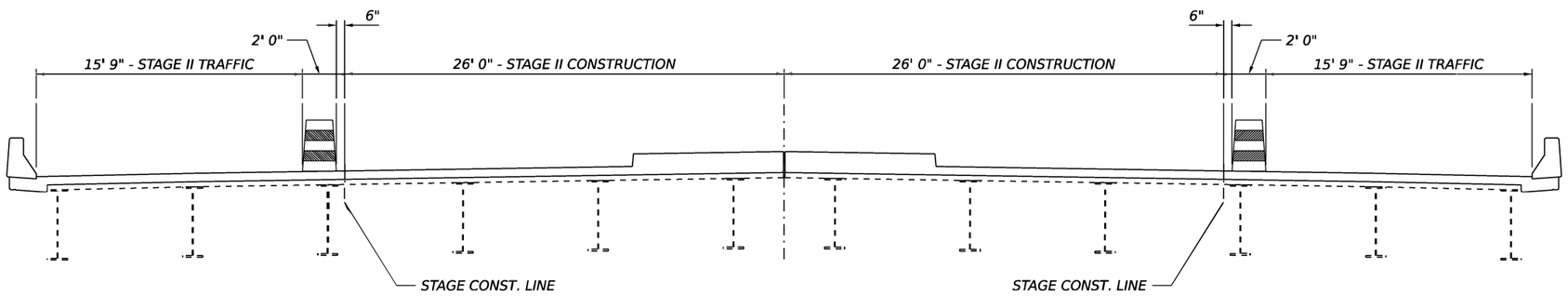
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	170
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR



STAGE I TRAFFIC



STAGE II TRAFFIC

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 11/7/2025	DATE -	REVISED -	

TRAFFIC STAGING DETAIL

SCALE: | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	171
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR

N

REDUCE TRAFFIC TO ONE LANE PER STANDARD 701601

SYMBOLS

WORK AREA

DRUM OR BARRICADE

TYPE III BARRICADE WITH FLASHING LIGHTS

TRAFFIC CONTROL NOTES:

1. *Traffic control devices not shown in this detail shall be per standard 701601. All devices shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701601. Temporary pavement markings shall be paid separately.*

2. *Left and right offsets refer to the centerline of the respective roadway, not the route centerline.*

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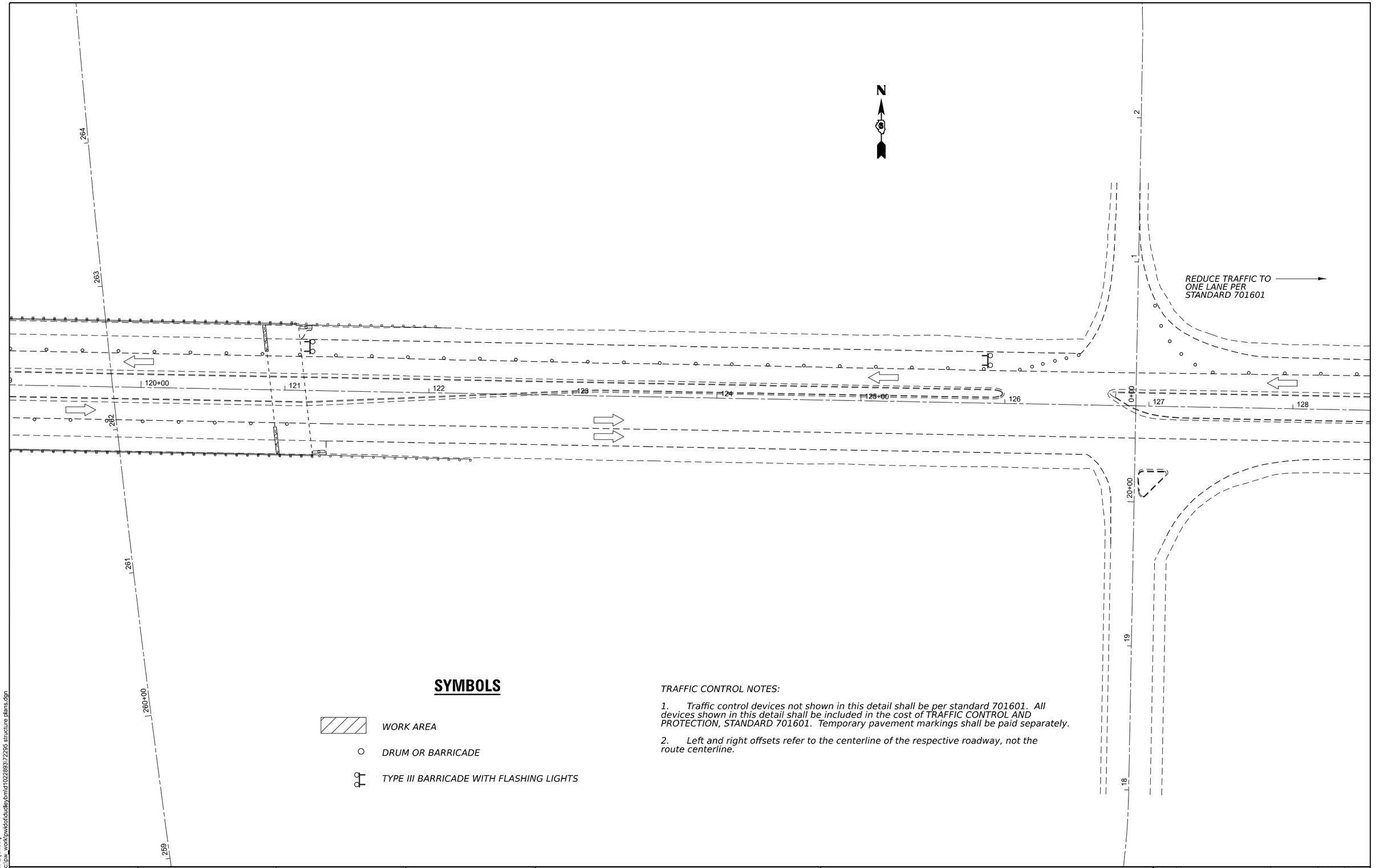
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TRAFFIC CONTROL PLAN

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	172
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR



SYMBOLS

WORK AREA

DRUM OR BARRICADE

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2. Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

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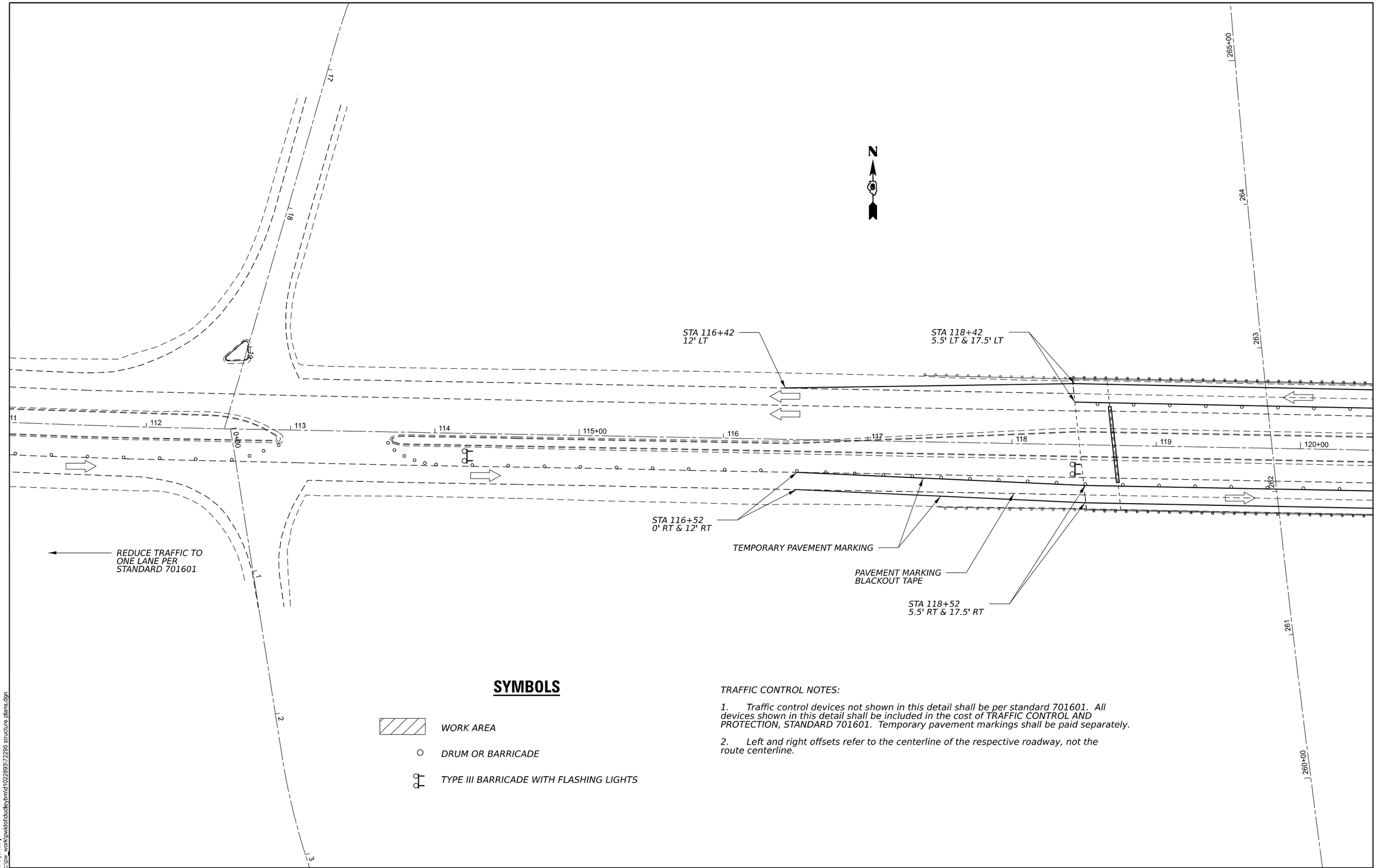
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TRAFFIC CONTROL PLAN

SCALE: | SHEET 4 OF 6 SHEETS | STA. | TO STA.

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745	*	ADAMS	240	173
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR



SYMBOLS

WORK AREA

DRUM OR BARRICADE

TYPE III BARRICADE WITH FLASHING LIGHTS

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2. *Left and right offsets refer to the centerline of the respective roadway, not the route centerline.*

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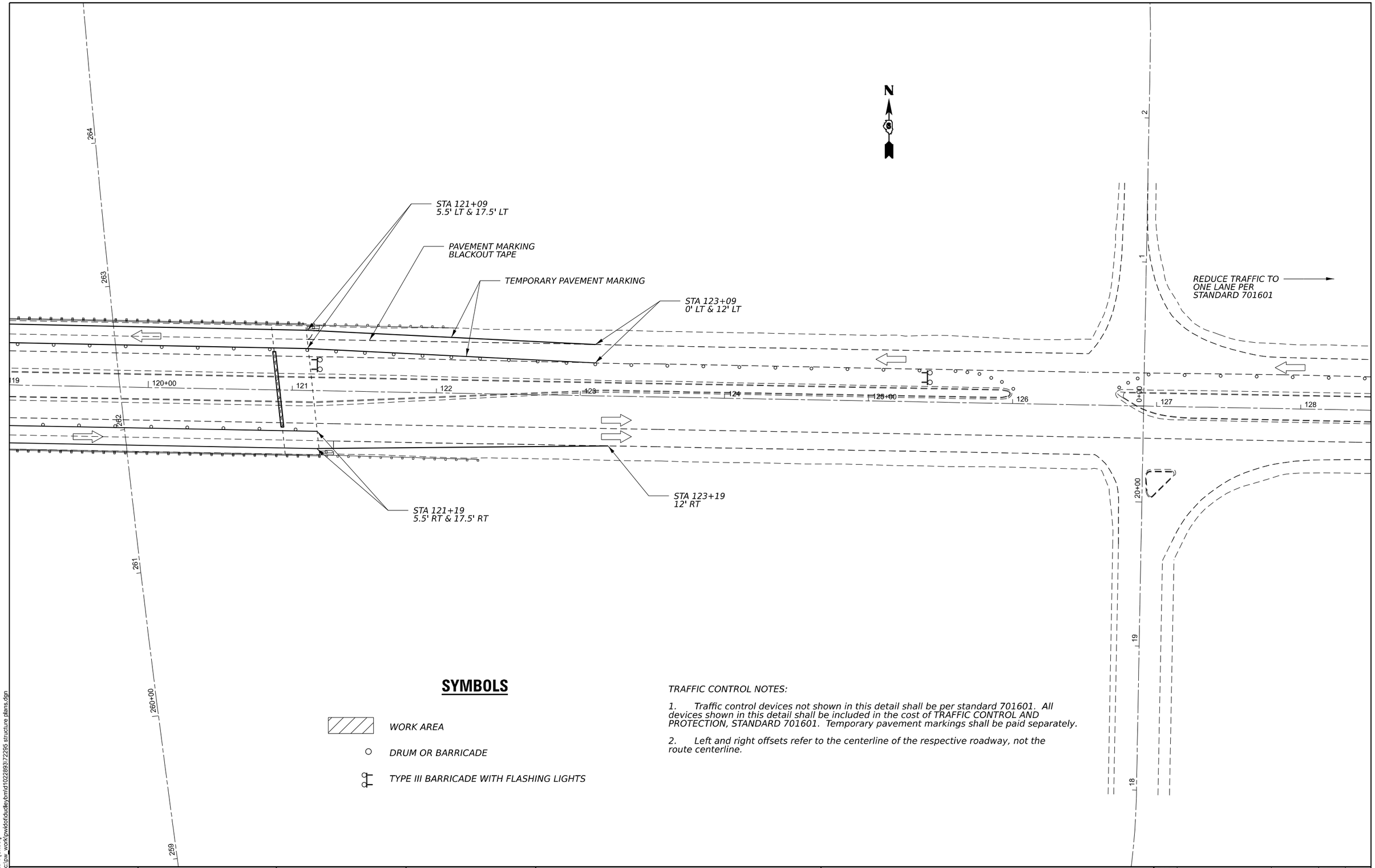
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TRAFFIC CONTROL PLAN

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	174
		CONTRACT NO. 72295		
		ILLINOIS FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR



SYMBOLS

WORK AREA

DRUM OR BARRICADE

TYPE III BARRICADE WITH FLASHING LIGHTS

TRAFFIC CONTROL NOTES:

1. *Traffic control devices not shown in this detail shall be per standard 701601. All devices shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701601. Temporary pavement markings shall be paid separately.*

2. *Left and right offsets refer to the centerline of the respective roadway, not the route centerline.*

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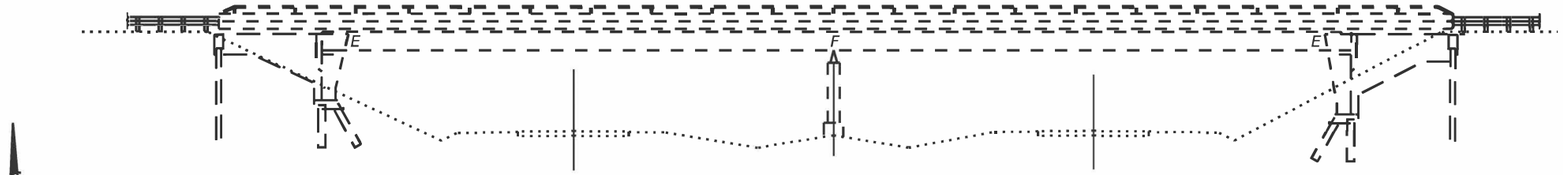
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II TRAFFIC CONTROL PLAN

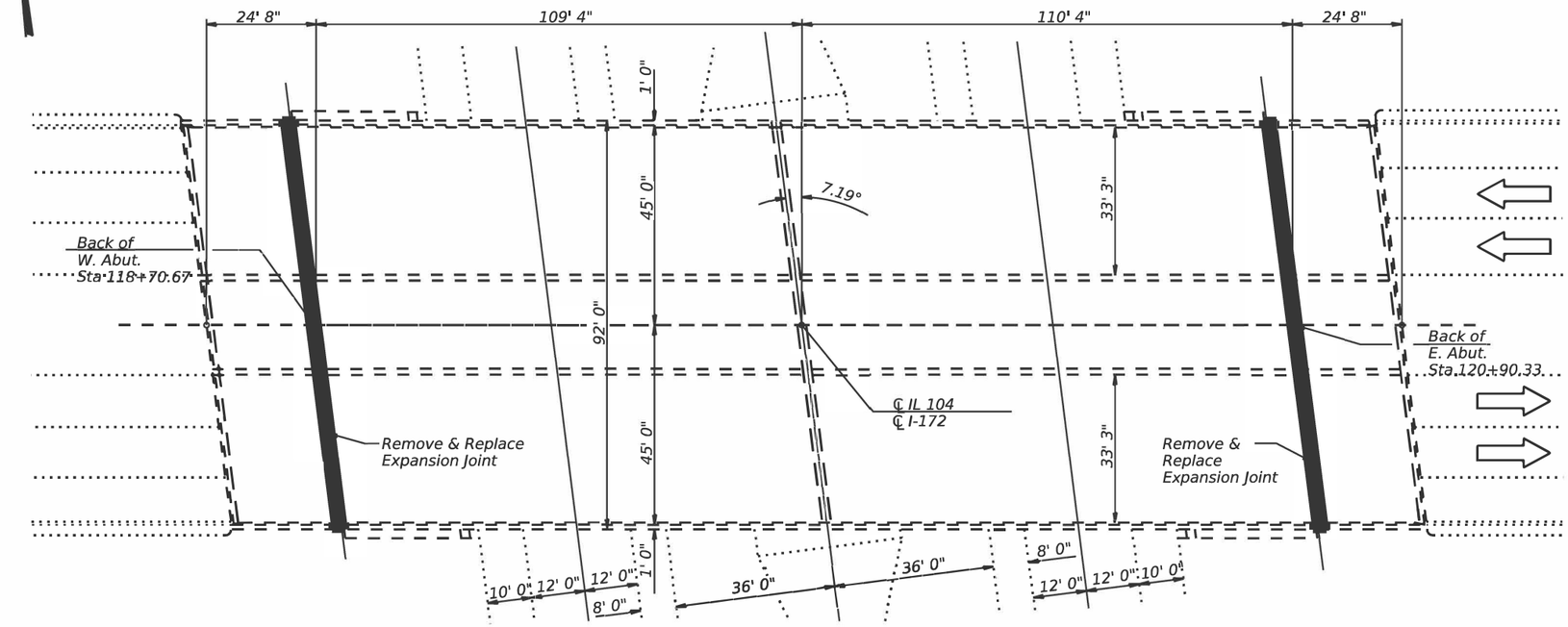
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		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

103RS-14,TS-3 (1-5HB3)BJR,BDR



ELEVATION



PLAN

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contactor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other that 50° F.

Protective coat shall be applied to areas of new concrete only.

All new structural steel shall be AASHTO M270 Grade 36, unless otherwise noted.

The deck shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost to be included with Concrete Superstructure.

LICENSED STRUCTURAL ENGINEER
JUSTAN W. MANN
081-005947
STATE OF ILLINOIS

Expires November 30, 2026

Justan W. Mann

TOTAL BILL OF MATERIAL (001-0047)

	ITEM	UNIT	QUANTITY
	Concrete Removal	Cu. Yd.	9.9
	Concrete Superstructure	Cu. Yd.	9.5
	Reinforcement Bars, Epoxy Coated	Pound	1950
	Bar Splicers	Each	16
	Preformed Joint Strip Seal	Foot	182
*	Deck Slab Repair (Partial)	Sq. Yd.	5
	Silicone Joint Sealer, 1"	Foot	6
	Protective Coat	Sq. Yd.	50
	Joint Sealing (Patches)	Foot	400

* Quantity is estimated. To be used for any bad concrete adjacent to joint removal areas.

MODEL: bridge [Sheet]
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	CHECKED -	REVISED -	
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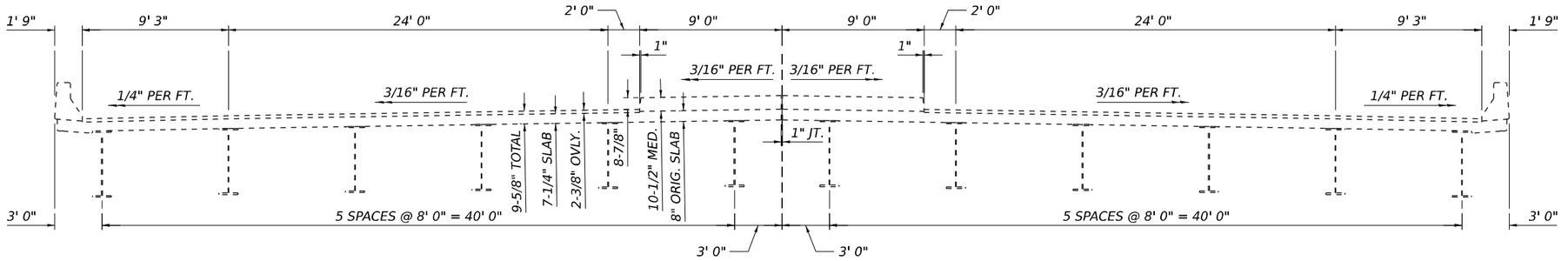
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & ELEVATION
SN 001-0047

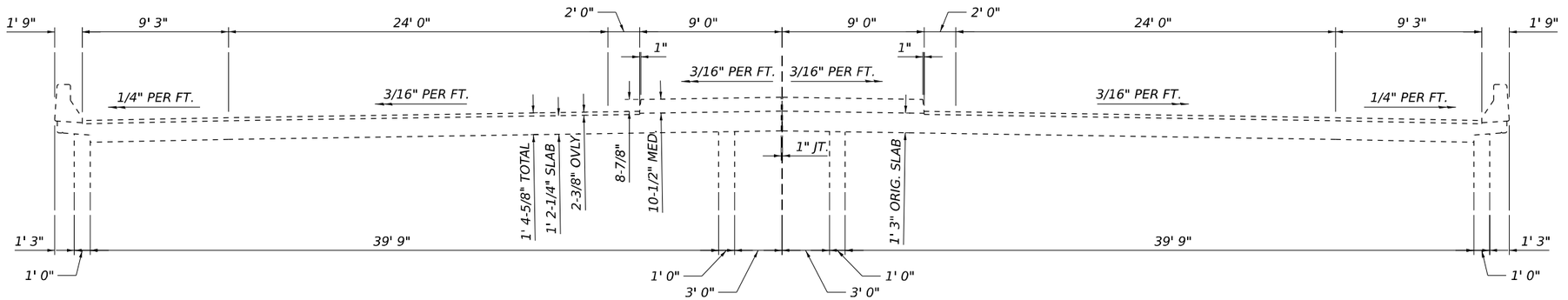
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745	*	ADAMS	240	176
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR,BDR



DECK CROSS SECTION



APPROACH VAULT CROSS SECTION

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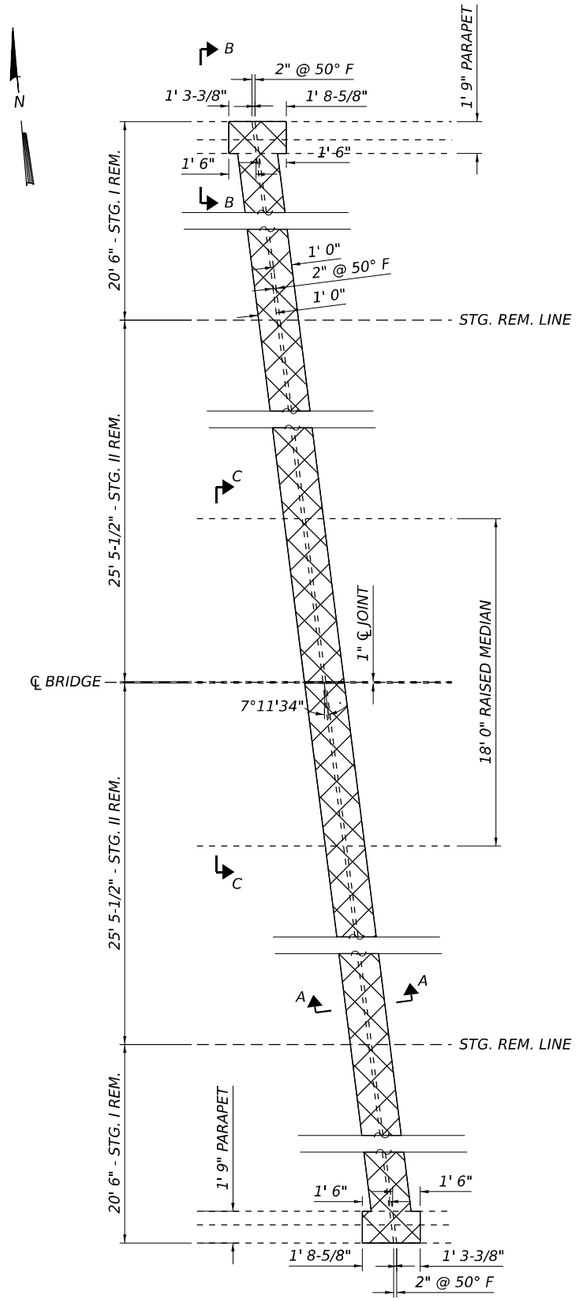
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PLOT DATE = 11/7/2025	DATE -	REVISED -	

BRIDGE CROSS SECTIONS
SN 001-0047

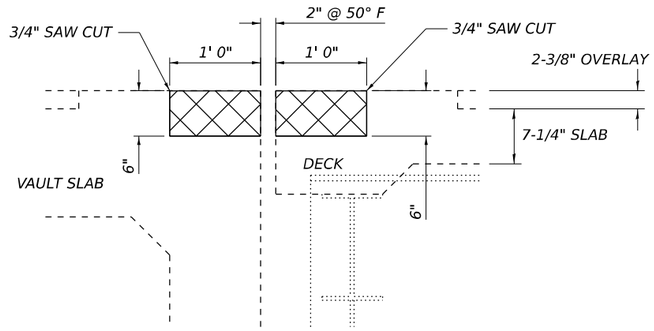
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

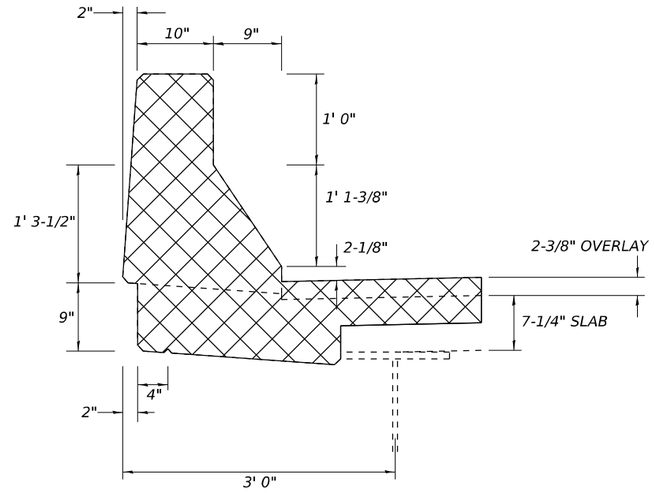
103RS-14,TS-3 (1-5HB3)BJR,BDR



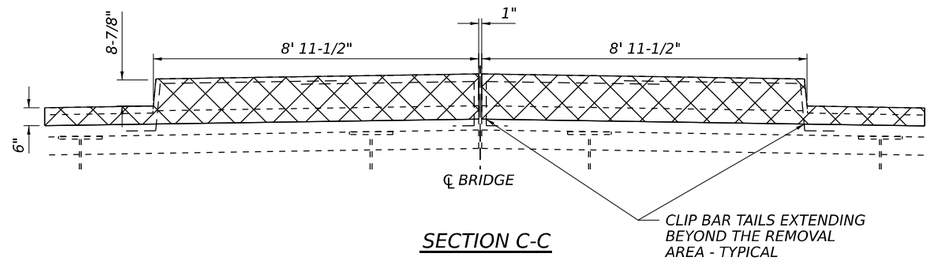
JOINT REMOVAL PLAN



SECTION A-A



SECTION B-B



SECTION C-C

NOTE: EAST JOINT SHOWN, WEST JOINT SIMILAR

CONCRETE REMOVAL

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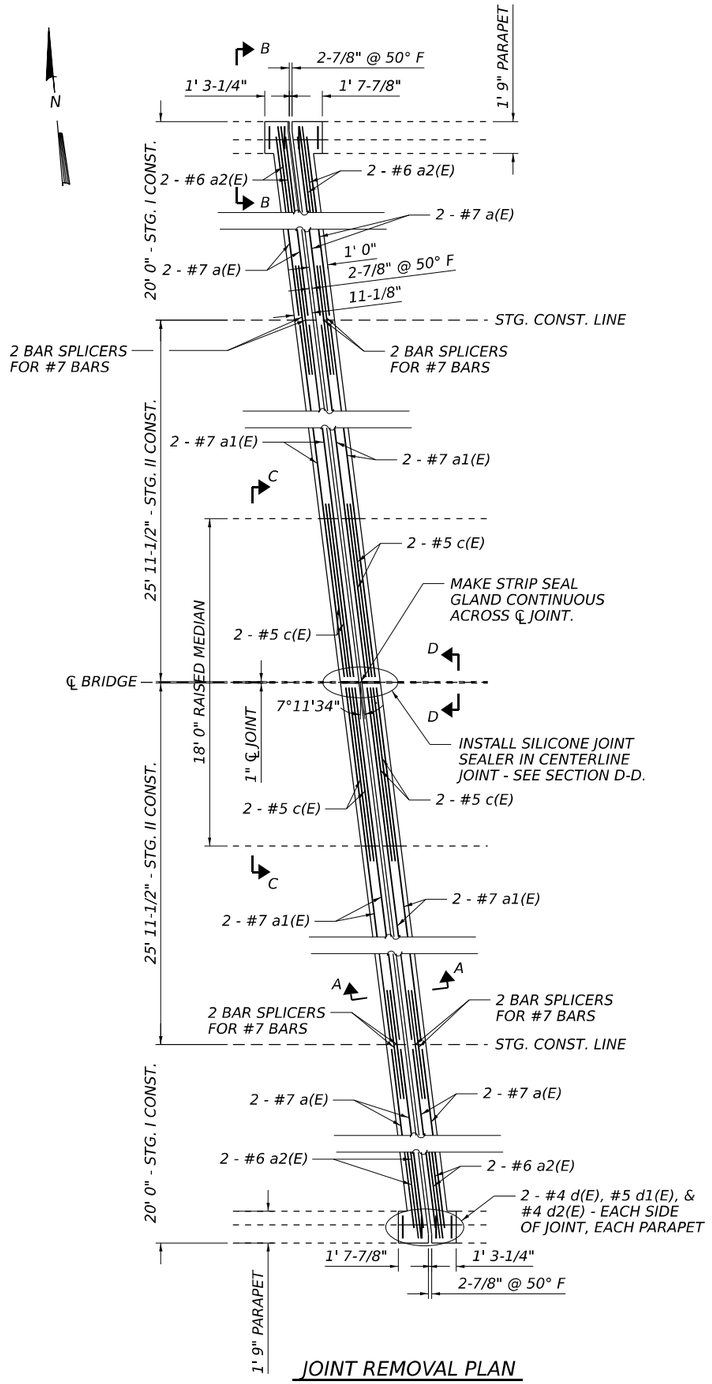
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REMOVAL DETAILS
SN 001-0047

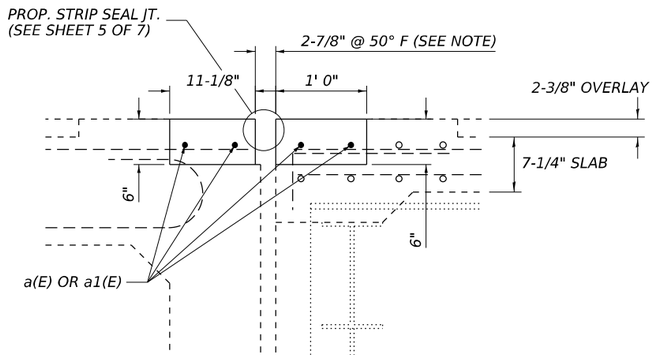
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		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

103RS-14,TS-3 (1-5HB3)BJR,BDR



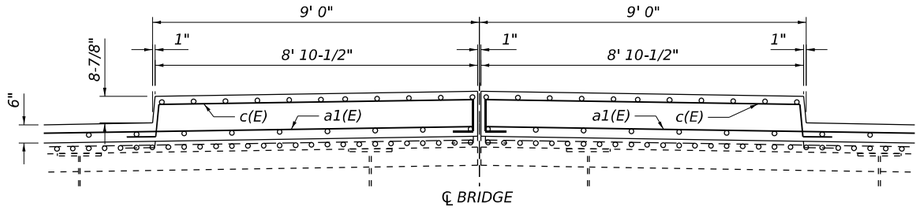
JOINT REMOVAL PLAN



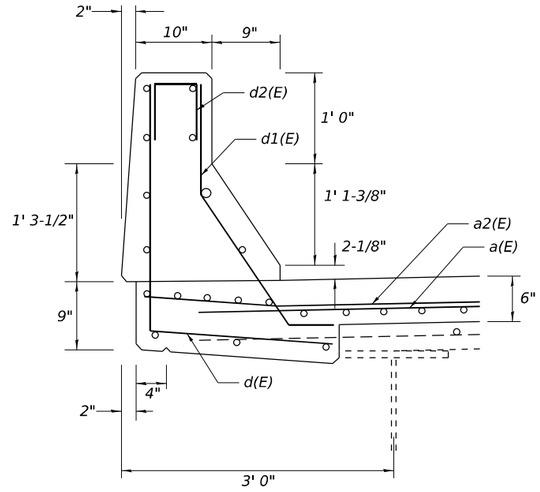
SECTION A-A

NOTE: JOINT OPENING DIMENSION ASSUMES ROLLED RAIL JOINT. SEE DETAILS ON SHEET 5 OF 7.

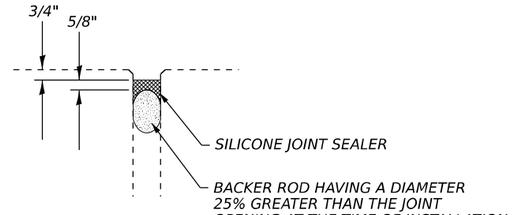
NOTE: EXISTING LONGITUDINAL REINFORCING IN DECK AND PARAPETS TO REMAIN.



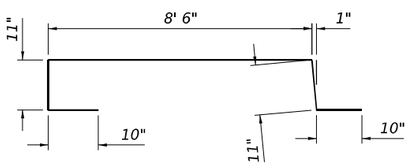
SECTION C-C



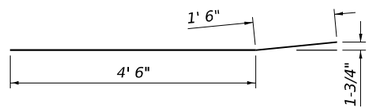
SECTION B-B



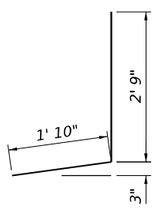
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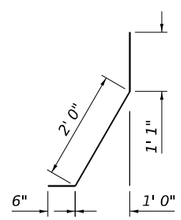
BAR c(E)



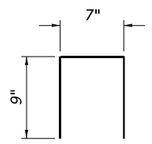
BAR a2(E)



BAR d(E)



BAR d1(E)



BAR d2(E)

NOTE: EAST JOINT SHOWN, WEST JOINT SIMILAR

ABUTMENT JOINTS
BILL OF MATERIAL (2 JOINTS)

Bar	No.	Size	Length	Shape
a(E)	16	#7	19'-0"	
a1(E)	16	#7	25'-10"	
a2(E)	16	#6	6'-0"	
d(E)	16	#4	4'-7"	
d1(E)	16	#5	3'-7"	
d2(E)	16	#4	2'-1"	
c(E)	16	#5	12'-0"	
Concrete Removal			Cu. Yd.	9.9
Concrete Superstructure			Cu. Yd.	9.5
Reinforcement Bars, Epoxy Coated			Pound	1950
Bar Splicers			Each	16
Silicone Joint Sealer, 1"			Foot	6

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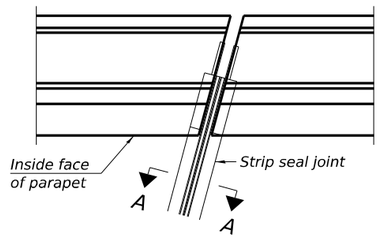
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT DETAILS
SN 001-0047

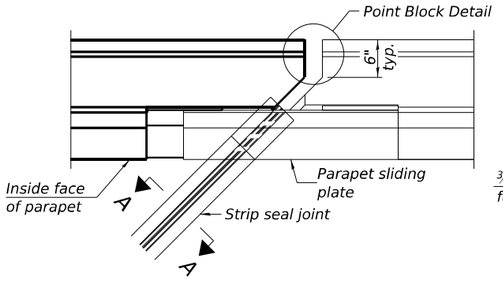
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		ILLINOIS FED. AID PROJECT		

103RS-14,TS-3 (1-5HB3)BJR.BDR

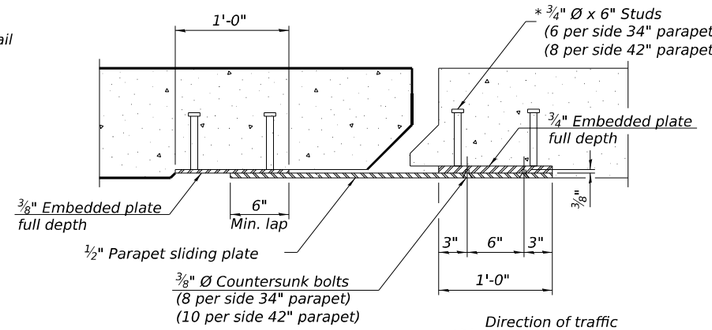


FOR SKEWS ≤ 30°

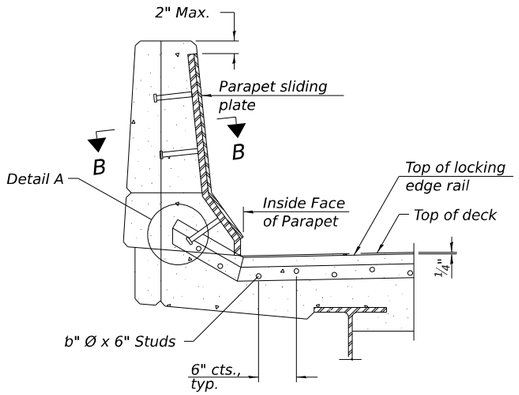


FOR SKEWS > 30°

PLAN AT PARAPET

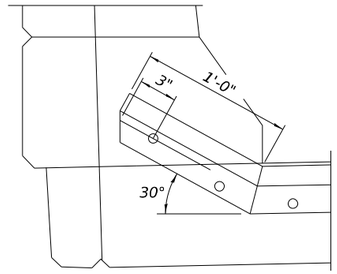


SECTION B-B

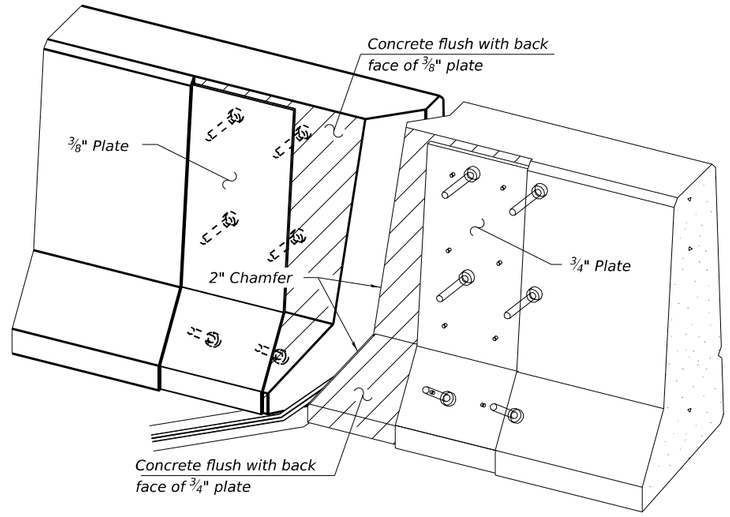


ELEVATION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW

(Showing embedded plates only)

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

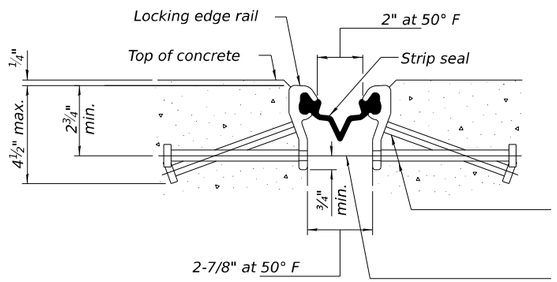
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.

34" F-shape barrier shown, 42" F-shape similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.



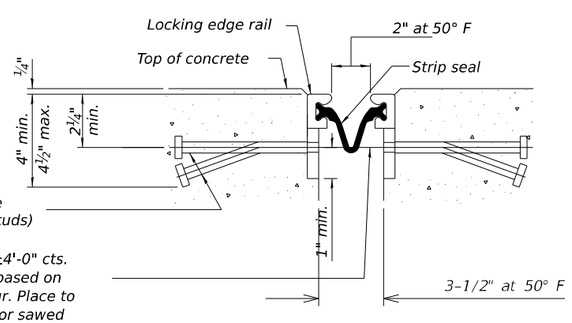
SHOWING ROLLED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

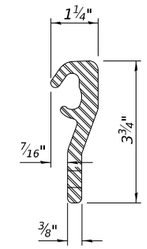
b" ϕ threaded rods in D" ϕ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

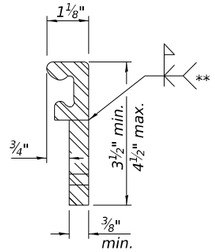
** Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.*



SHOWING WELDED RAIL JOINT



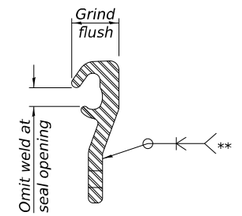
ROLLED (EXTRUDED) RAIL



WELDED RAIL

LOCKING EDGE RAILS

*** Back gouge not required if complete joint penetration is verified by mock-up.*



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	182

EJ-SS

8-11-17

USER NAME = brandon.dudley	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 11/7/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

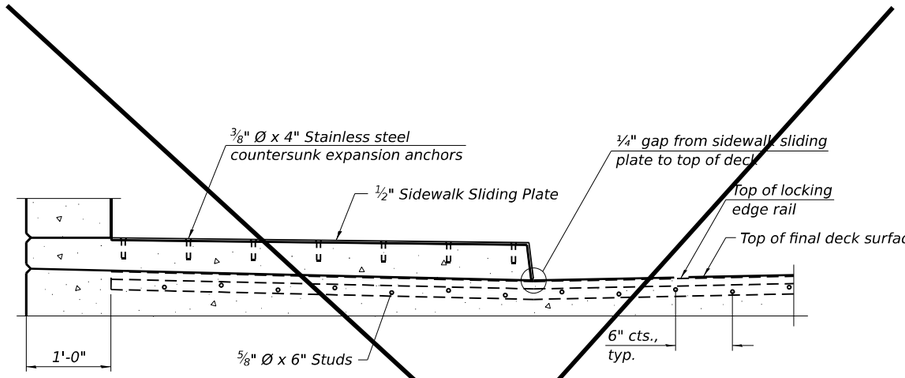
PREFORMED JOINT STRIP SEAL
SN 001-0047

SCALE: | SHEET 5 OF 7 SHEETS | STA. | TO STA.

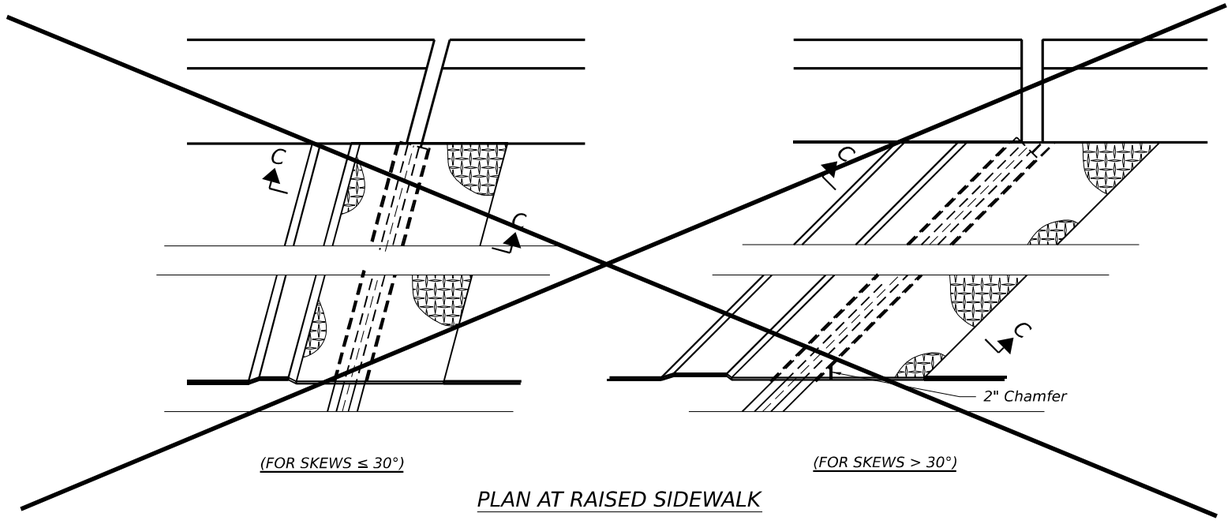
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	180
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

103RS-14,TS-3 (1-5HB3)BJR,BDR

MODEL: bridge-4 [Sheet]
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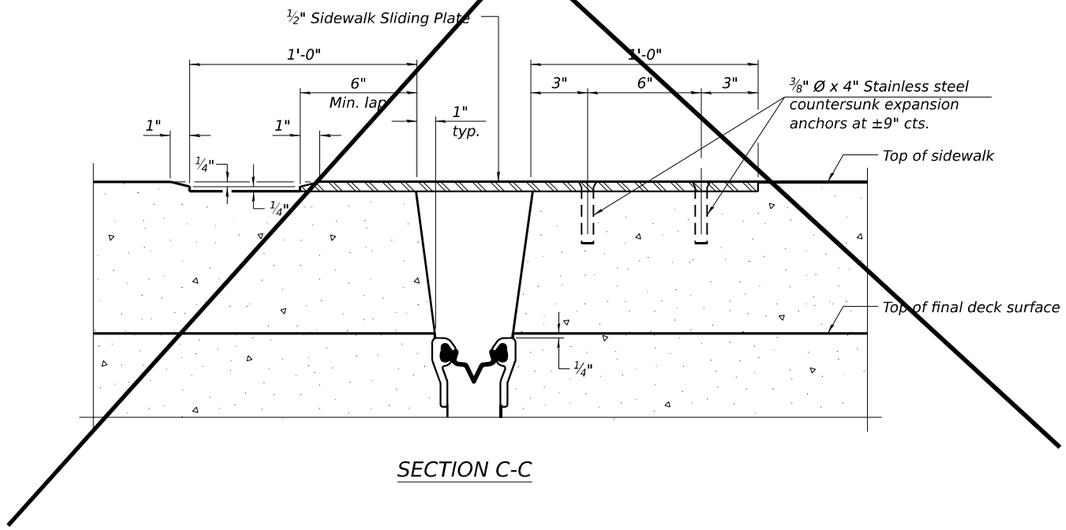
SECTION AT RAISED SIDEWALK



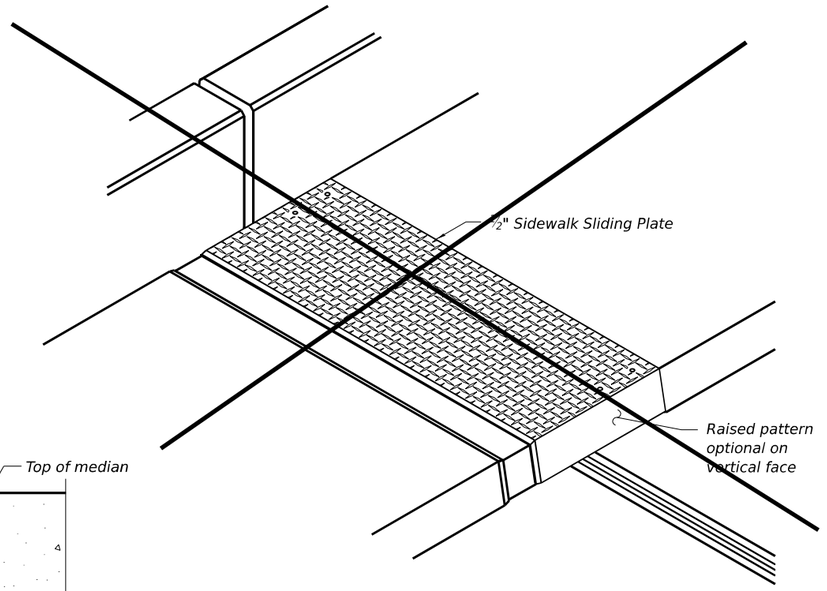
(FOR SKEWS ≤ 30°)

(FOR SKEWS > 30°)

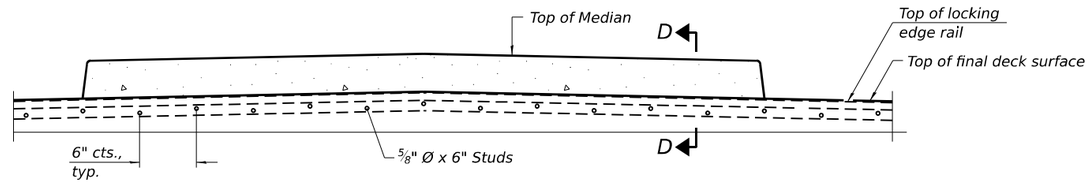
PLAN AT RAISED SIDEWALK



SECTION C-C

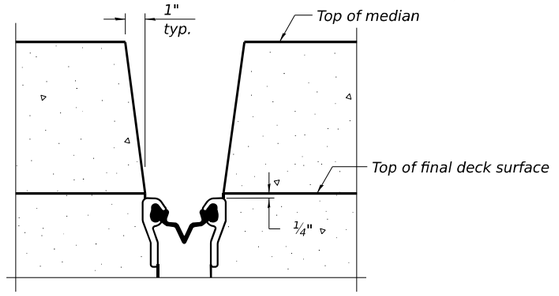


TRIMETRIC VIEW



SECTION AT MEDIAN

For skews > 30°, chamfer acute corners 2" similar to sidewalk.



SECTION D-D

(at Rt. ∠'s)

EJ-SS-S

4-4-2025

~~(Sheet 2 of 3)~~

MODEL: bridge-5 [Sheet]
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USER NAME = brandon.dudley	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 11/7/2025	DATE -	REVISED -	

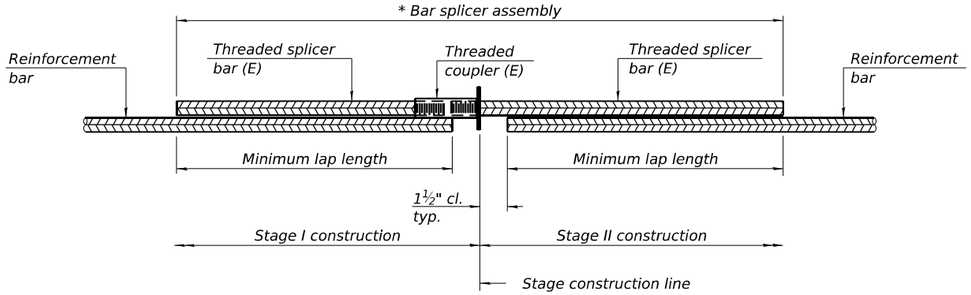
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
SN 001-0047

SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	181
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

103RS-14,TS-3 (1-5HB3)BJR,BDR



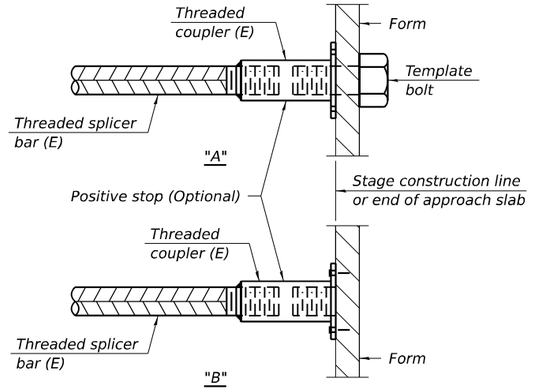
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1½" + thread length

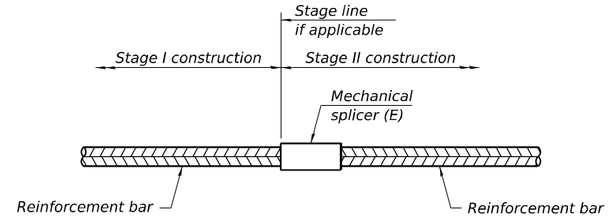
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Abut. Jts.	#7	16	5'-1"



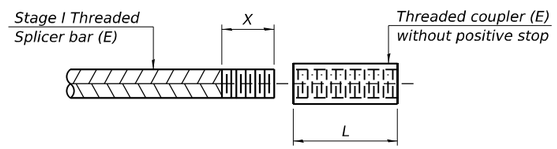
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

4-4-2025

USER NAME = brandon.dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/7/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

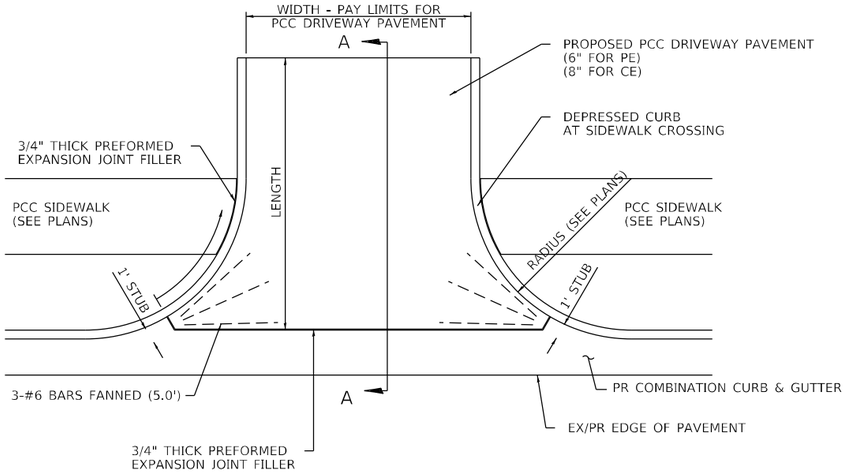
BAR SPLICER ASSEMBLY & MECHANICAL SPLICER DETAILS
SN 001-0047

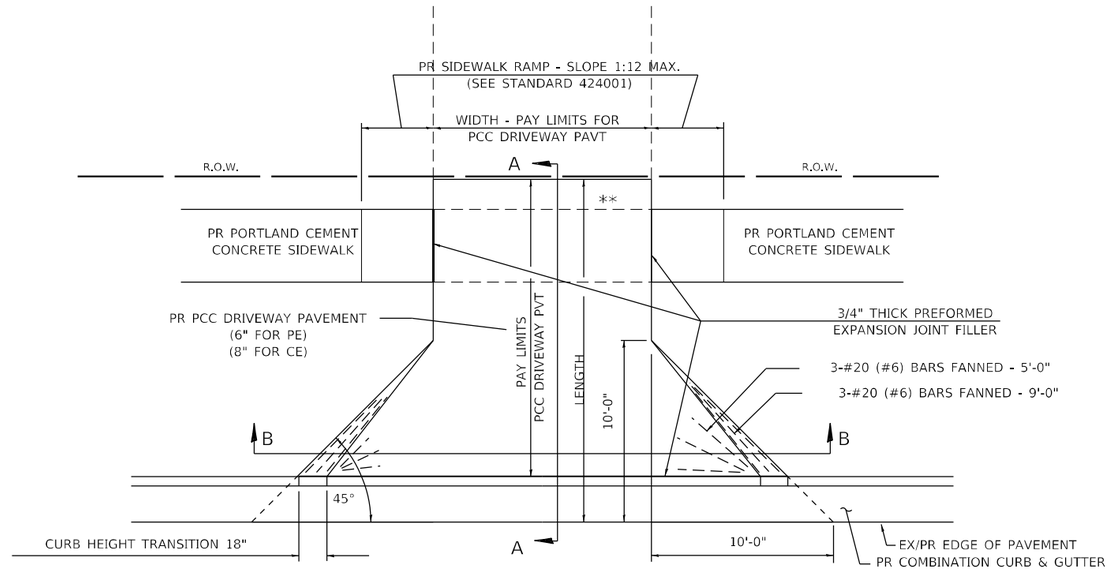
SCALE: | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	182
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

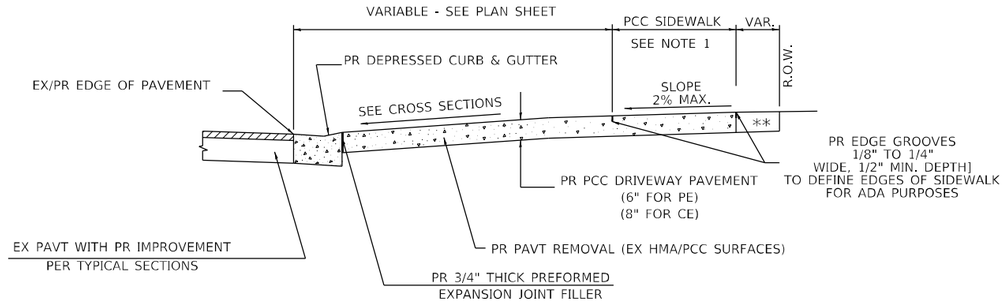
103RS-14,TS-3 (1-5HB3)BJR,BDR

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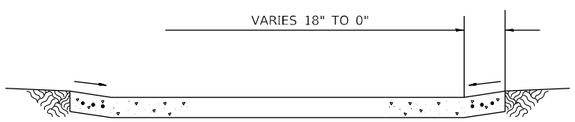




PLAN - PE & CE



SECTION A-A



SECTION B-B

**
MATCH IN KIND BEHIND SIDEWALK
FOR EX EARTH OR AGGREGATE SURFACES :
PR AGGREGATE BASE COURSE, TYPE B 6"- PE/FE
PR PCC DRIVEWAY PAVT. 8"- CE

FOR EX HMA CONC. SURFACES :
PR HMA CONCRETE 6"- PE
PR HMA CONCRETE 8"- CE

FOR EX PCC SURFACES :
PR PCC DRIVEWAY PAVT. 6"- PE
PR PCC DRIVEWAY PAVT. 8"- CE

NOTES:
1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
2. THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED - 2/19/03 (JCN)	
	DRAWN - CADD	REVISED - 4/01/04 (JCN)	
PLOT SCALE = 40.000 ' / in.	CHECKED - JCN	REVISED -	
PLOT DATE = 12/23/2025	DATE - MARCH 17, 2000	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE DETAIL

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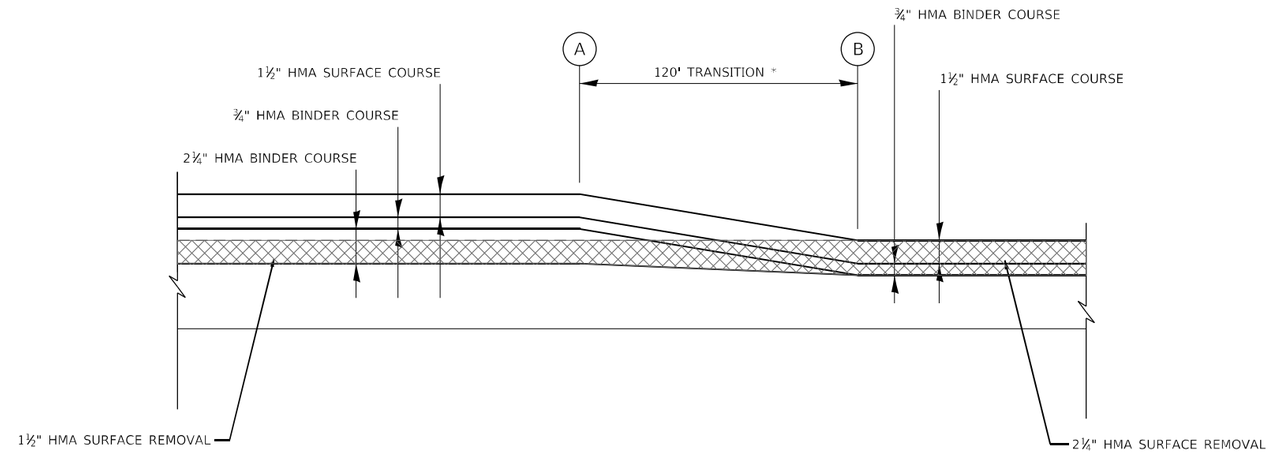
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	183
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

MODEL: Default
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HMA PAVEMENT TRANSITION DETAIL

* MILLING IN PAVEMENT TRANSITION TO BE PAID FOR AS HMA SURFACE REMOVAL, 2 1/4"



HMA PAVEMENT TRANSITION LOCATIONS

LOCATION	A	B
IL 104	90+45.00	89+25.00
IL 104	106+80.00	108+00.00

MODEL: Default
FILE NAME: P:\Quincy\278kes\270146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\0672295-sht-details_02.dgn

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616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED - 2/19/03 (JCN)
	DRAWN - CADD	REVISED - 4/01/04 (JCN)
PLOT SCALE = 40.000 ' / in.	CHECKED - JCN	REVISED -
PLOT DATE = 12/23/2025	DATE - MARCH 17, 2000	REVISED -

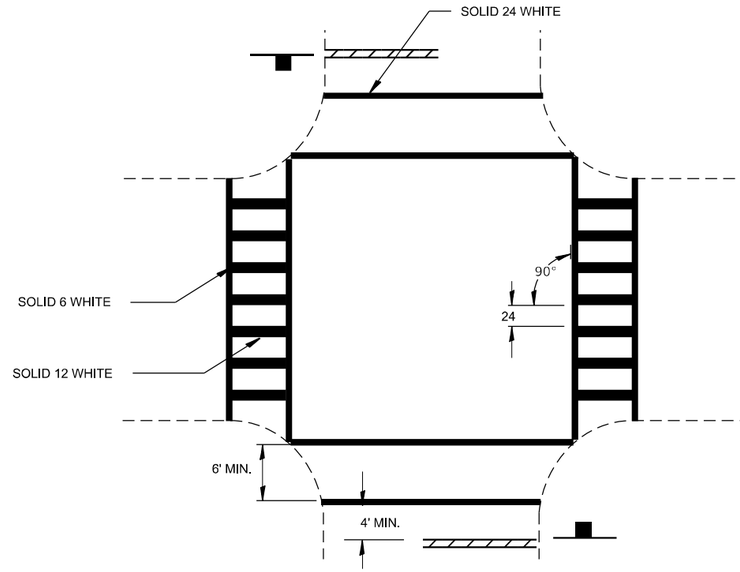
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT TRANSITION DETAIL

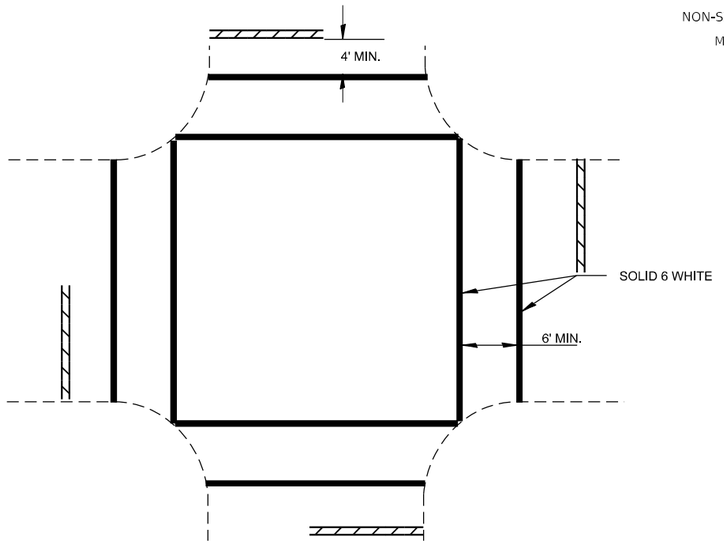
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	184
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



NON-SIGNALIZED INTERSECTION
OR
MID-BLOCK CROSSING



ALL WAY STOP CONTROLLED
OR
SIGNALIZED INTERSECTION

CROSSWALK MARKINGS SHOULD NOT BE USED INDISCRIMINATELY. AN ENGINEERING STUDY IS REQUIRED BEFORE THEY ARE INSTALLED AT LOCATIONS AWAY FROM TRAFFIC SIGNALS OR STOP SIGNS.

CROSSWALK SHALL CONNECT TO CURB CUTS OR SIDEWALKS. CROSSWALKS MAY BE INSTALLED AT A SKEW TO PERMIT THIS CONNECTION.

CROSSWALKS

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

MODEL: DEFAULT
FILE NAME: P:\Quincy\22files\2201486\Work Order 10 - Broadway\18_Transportation\CADD Sheets\0627295-tht-details_03-07.dgn

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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

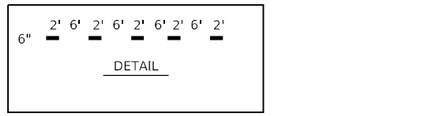
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

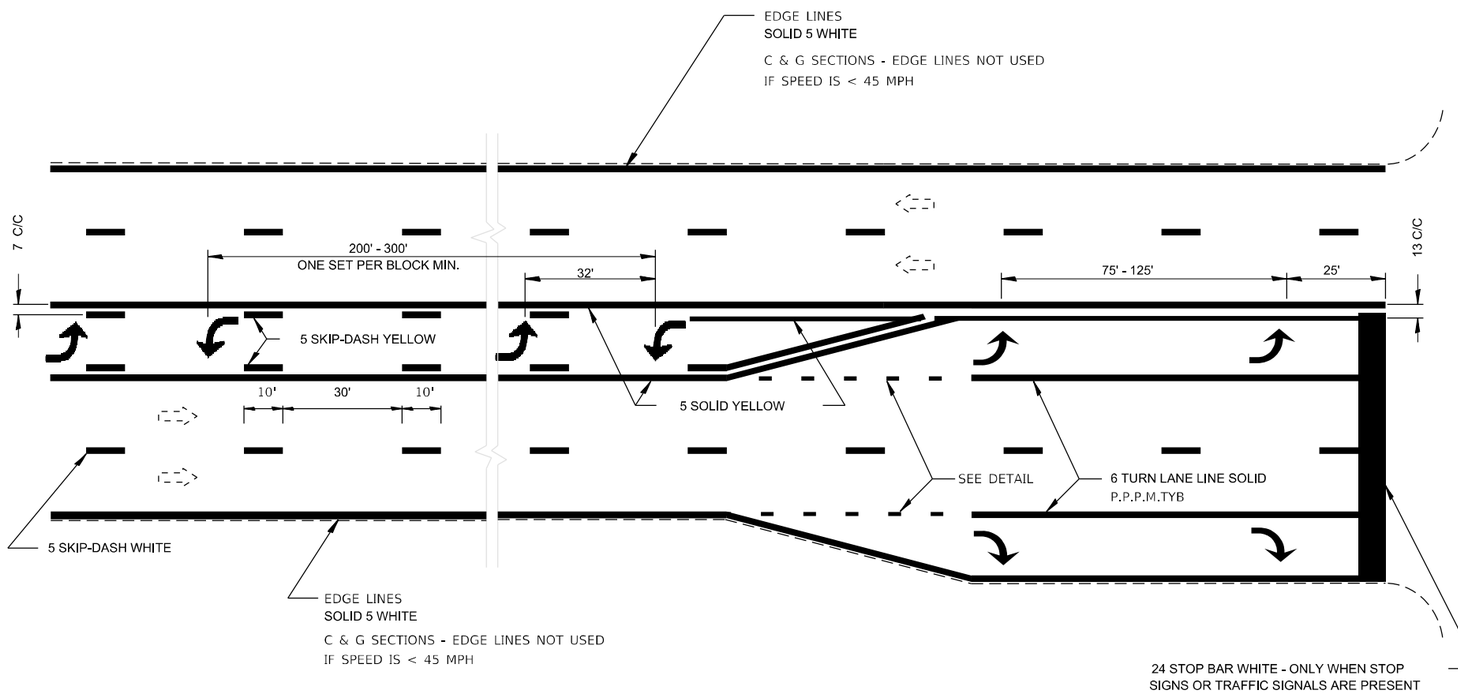
FAP RTE 745 (IL 104)
PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	185
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR





ALL TURN ARROWS 8'
CENTER TURN ARROWS IN PAIRS
USE LARGER ARROWS: 15.6 SQ FT



SINGLE TURN LANE
AND
LEFT TURN LANE CHANNELIZATION

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

MODEL: DEFAULT
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Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

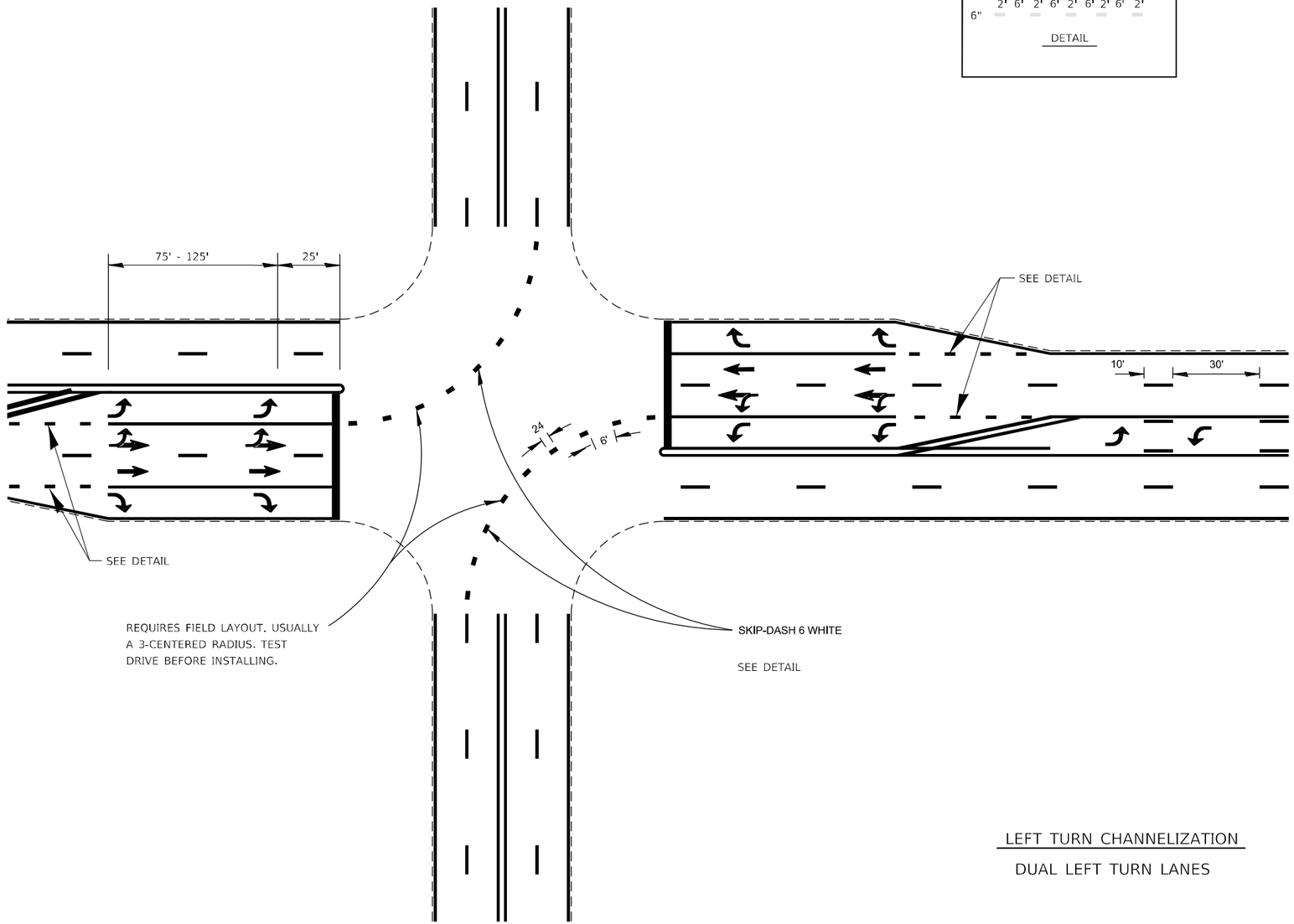
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	186
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



LEFT TURN CHANNELIZATION

DUAL LEFT TURN LANES

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

MODEL: DEFAULT
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KLINGNER & ASSOCIATES, P.C.	USER NAME = mrich	DESIGNED -	REVISED -
Engineers • Architects • Surveyors		DRAWN -	REVISED -
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLOT DATE = 12/23/2025	DATE -	REVISED -

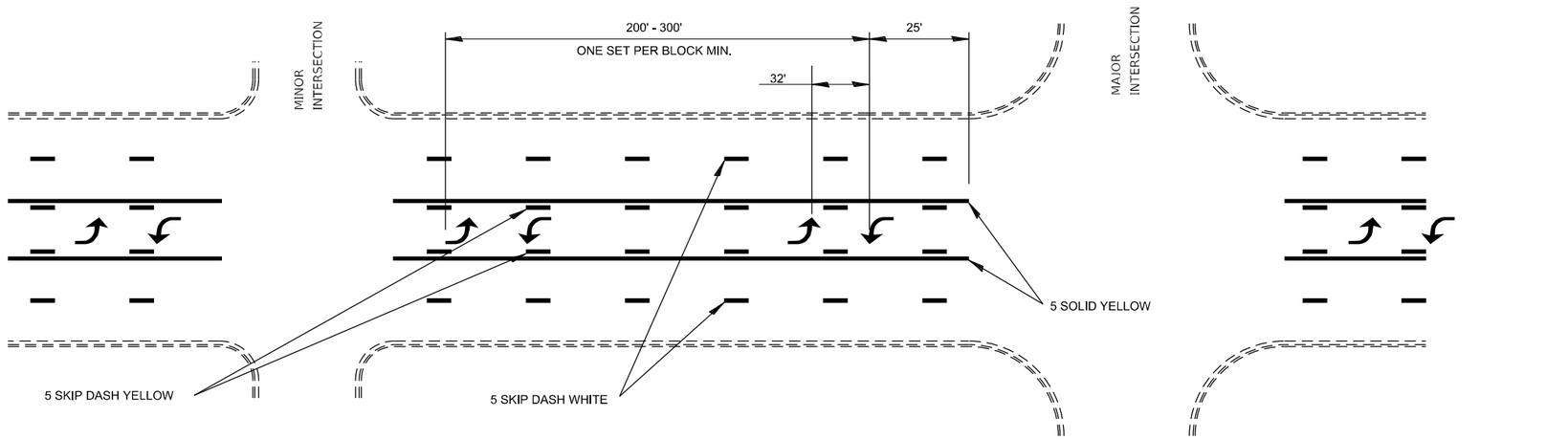
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	187
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



MULTILANE DIVIDED
BI-DIRECTIONAL LANE

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

MODEL: DEFAULT
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

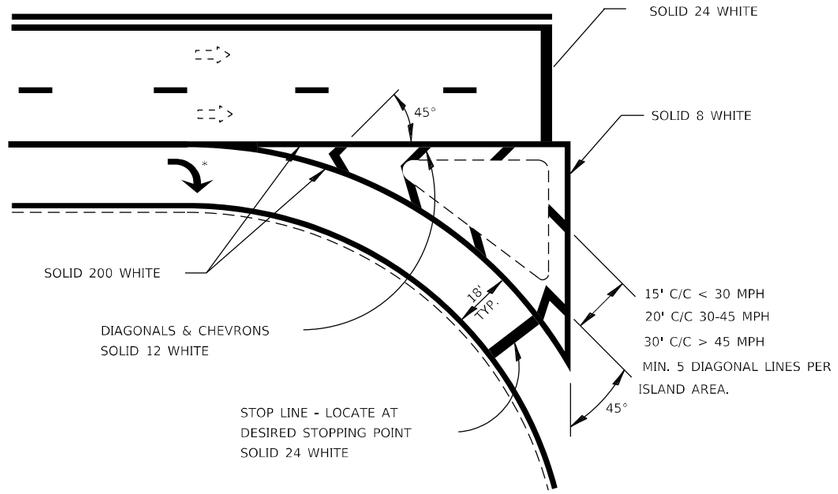
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 4 OF 5 SHEETS | STA. | TO STA.

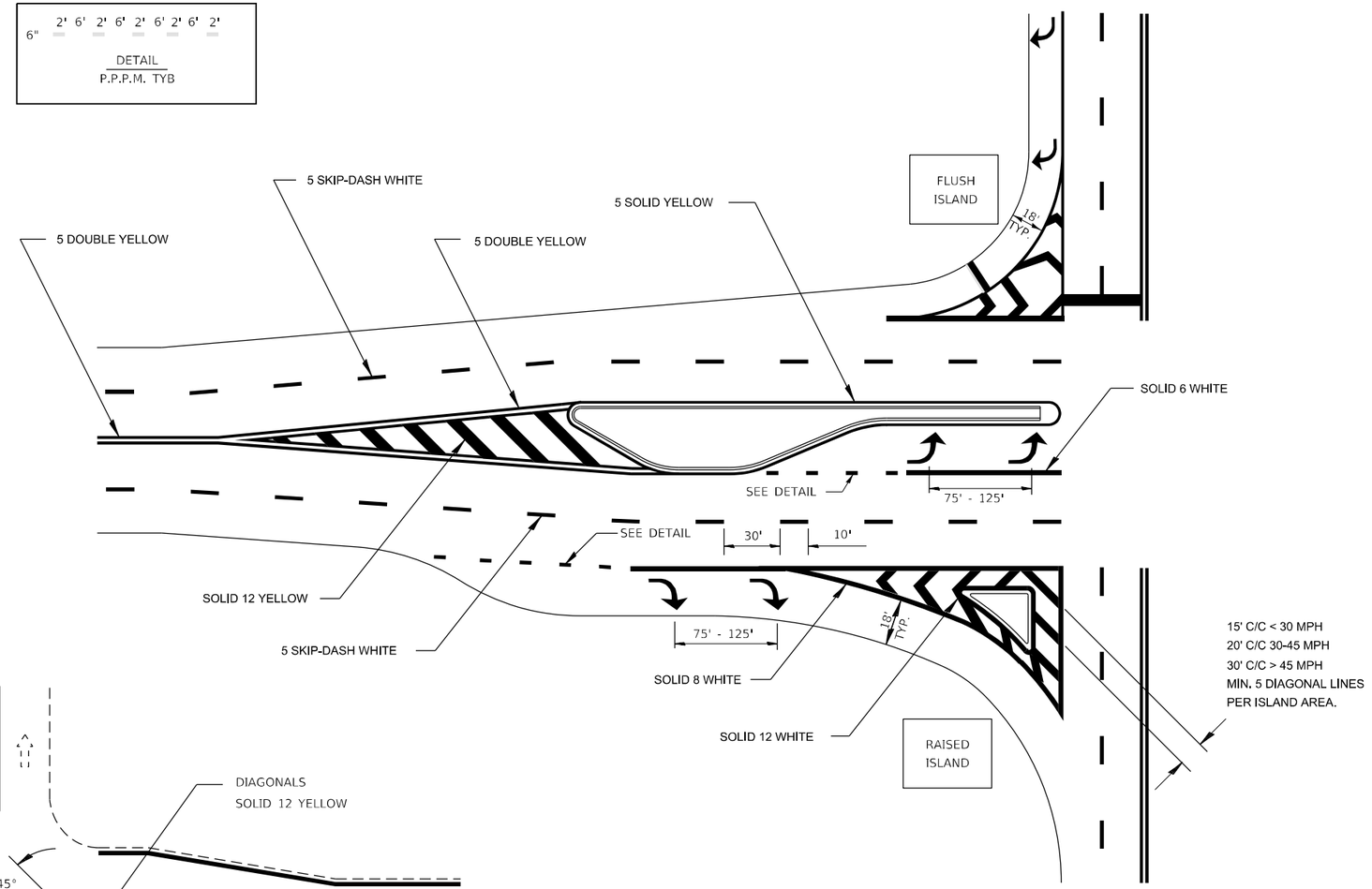
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	188
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

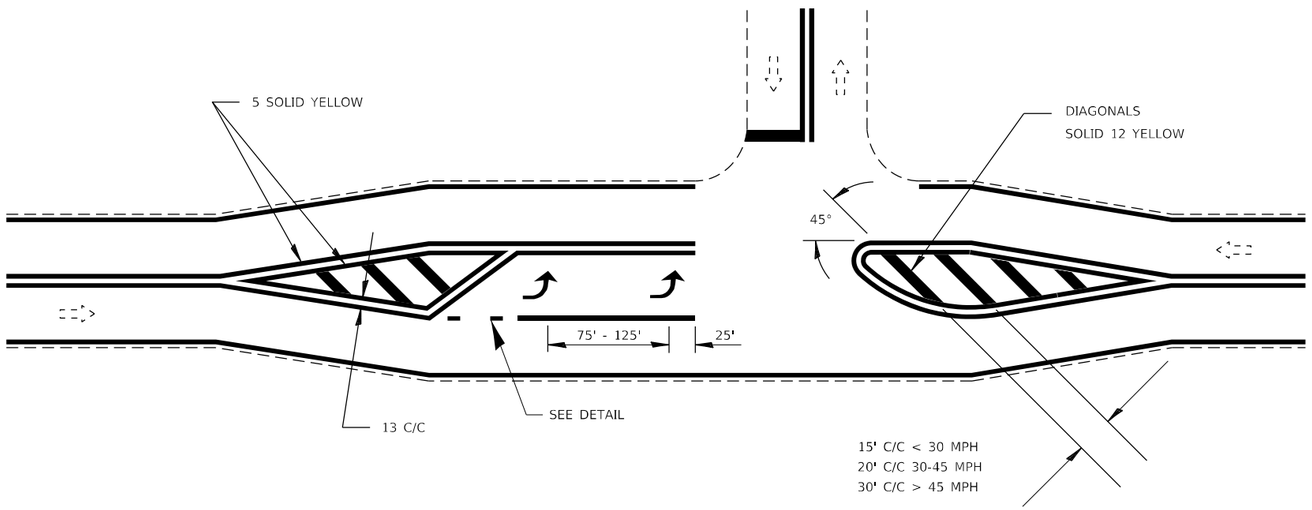
* 103RS-14,TS-3, (1-5HB3)BJR,BDR



* NOTE: WHEN ISLAND IS PRESENT
LOCATE LAST ARROW AT GORE POINT

RIGHT TURN ISLAND MARKING AND CHANNELIZATION





PAINTED MEDIAN ISLANDS NON-FREEWAY & NON-EXPRESSWAY

OFF-SET ISLANDS AND ISLAND APPROACH MARKINGS

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

NOTES:

1. DIAGONALS MAY BE OMITTED WHERE RUMBLE APPROACH TO CENTER ISLAND IS USED. OUTLINE ALL RUMBLE AREA WITH SINGLE YELLOW LINE.

MODEL: DEFAULT
FILE NAME: P:\Quincy22files\220146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D672295-sht-details_03-07.dgn

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616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

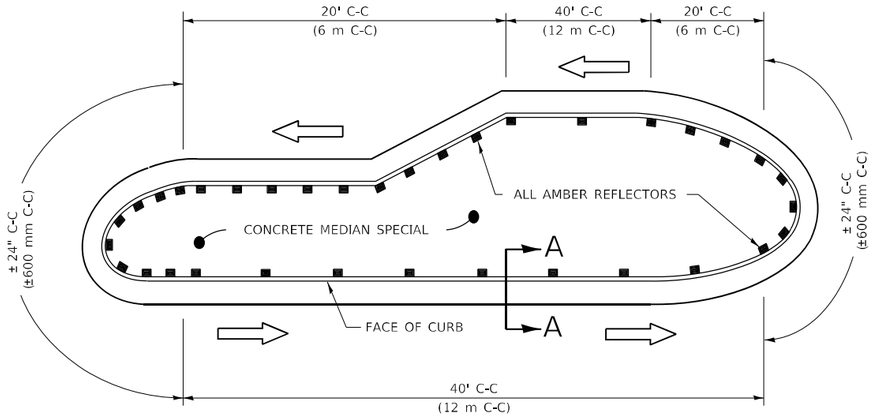
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING DETAILS

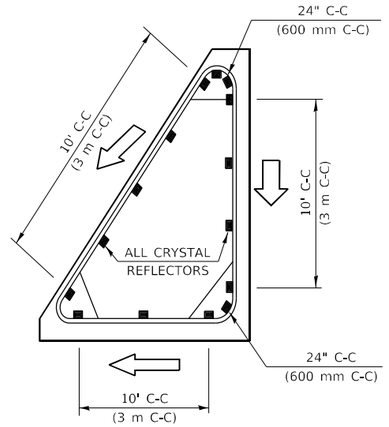
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	189
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

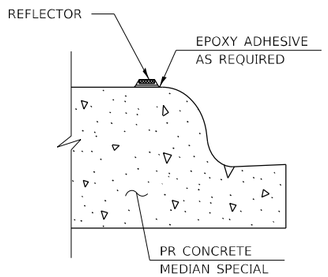
* 103RS-14,TS-3, (1-5HB3)BJR,BDR



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS
ON RAISED MEDIAN



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS
ON CURBED CORNER ISLAND



SECTION A-A

LEGEND

DIRECTION OF TRAFFIC

PRISMATIC REFLECTOR

GENERAL NOTES

PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL UNITS AND THE REFLECTOR FACE SHALL BE POSITIONED TO FACE THE APPROACHING TRAFFIC.

PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.

PRISMATIC REFLECTOR FACE SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED - 2/19/03 (JCN)
	DRAWN - CADD	REVISED - 4/01/04 (JCN)
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PLOT DATE = 12/23/2025	DATE - MARCH 17, 2000	REVISED -

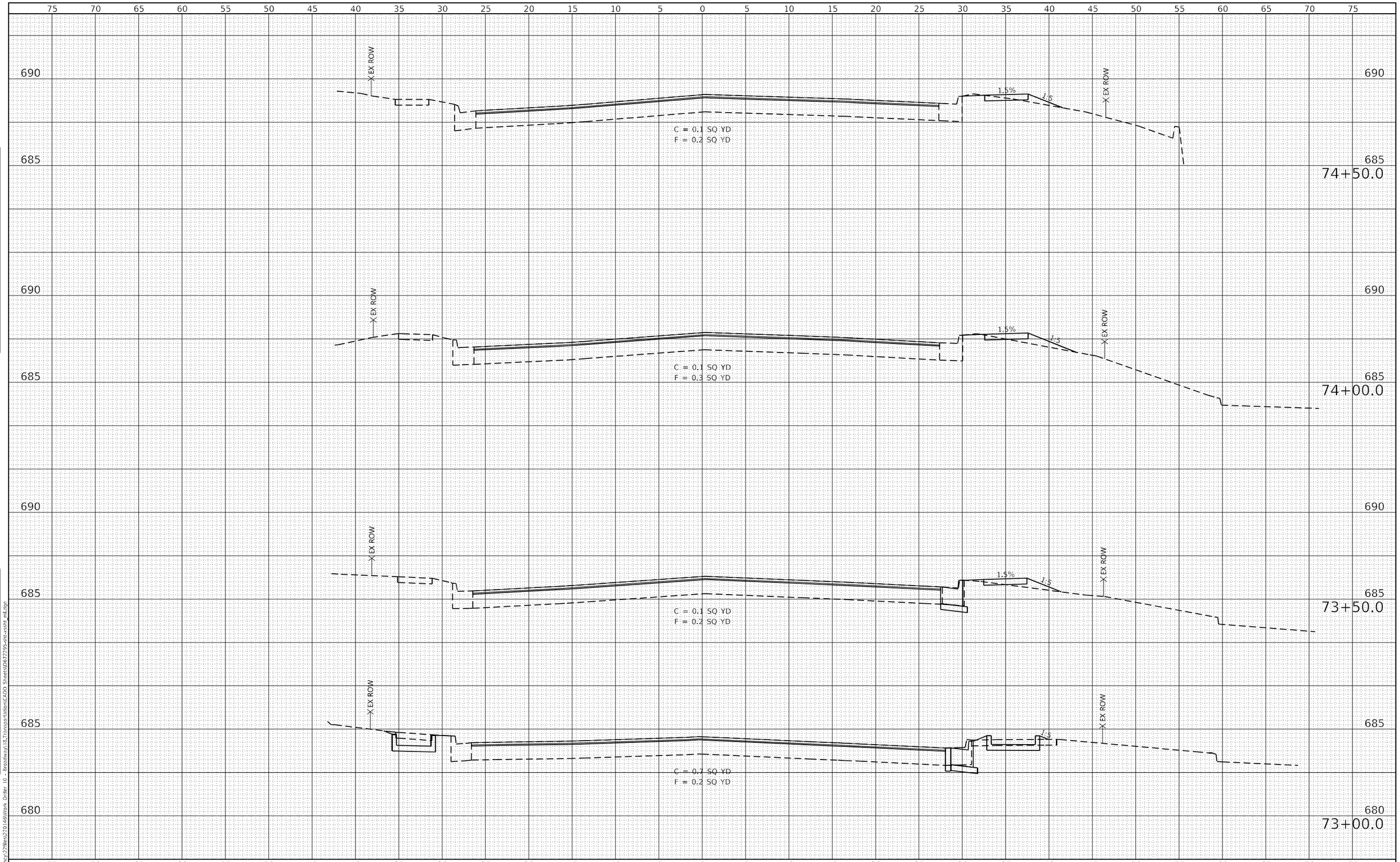
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PRISMATIC REFLECTOR DETAILS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	190
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: Default
FILE NAME: P:\Quincy2\files\220146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672295-sht-xssht mil.dgn

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 1 OF 39 SHEETS | STA. 73+00.0 | TO STA. 74+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	191
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

695

690

685

EX ROW

EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

76+00.0

695

690

685

EX ROW

EX ROW

1.5%

1.5%

C = 0.3 SQ YD
F = 0.1 SQ YD

75+50.0

690

685

EX ROW

EX ROW

1.5%

1.5%

C = 0.2 SQ YD
F = 0.1 SQ YD

75+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

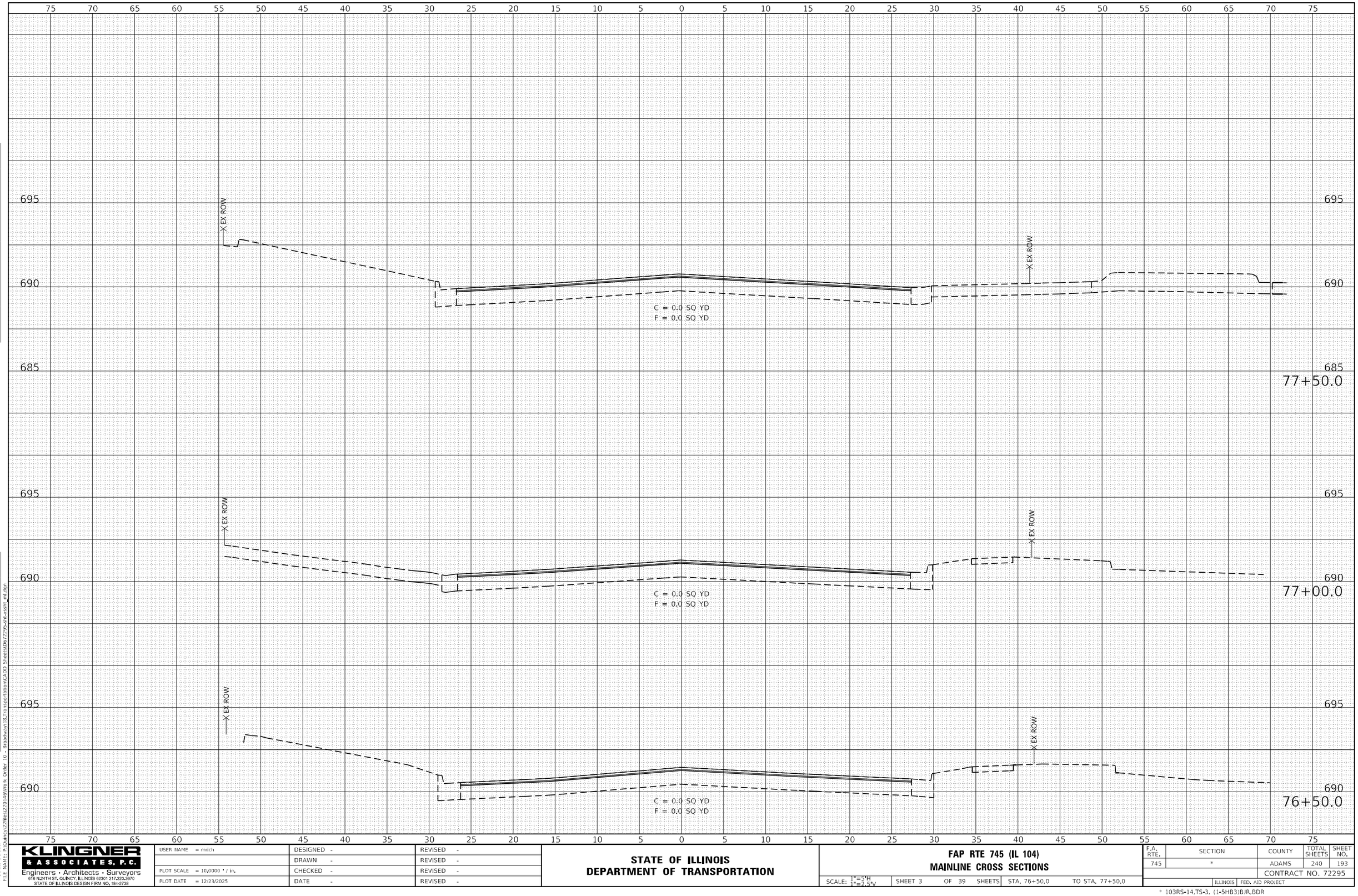
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 2 OF 39 SHEETS | STA. 75+00.0 | TO STA. 76+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	192
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

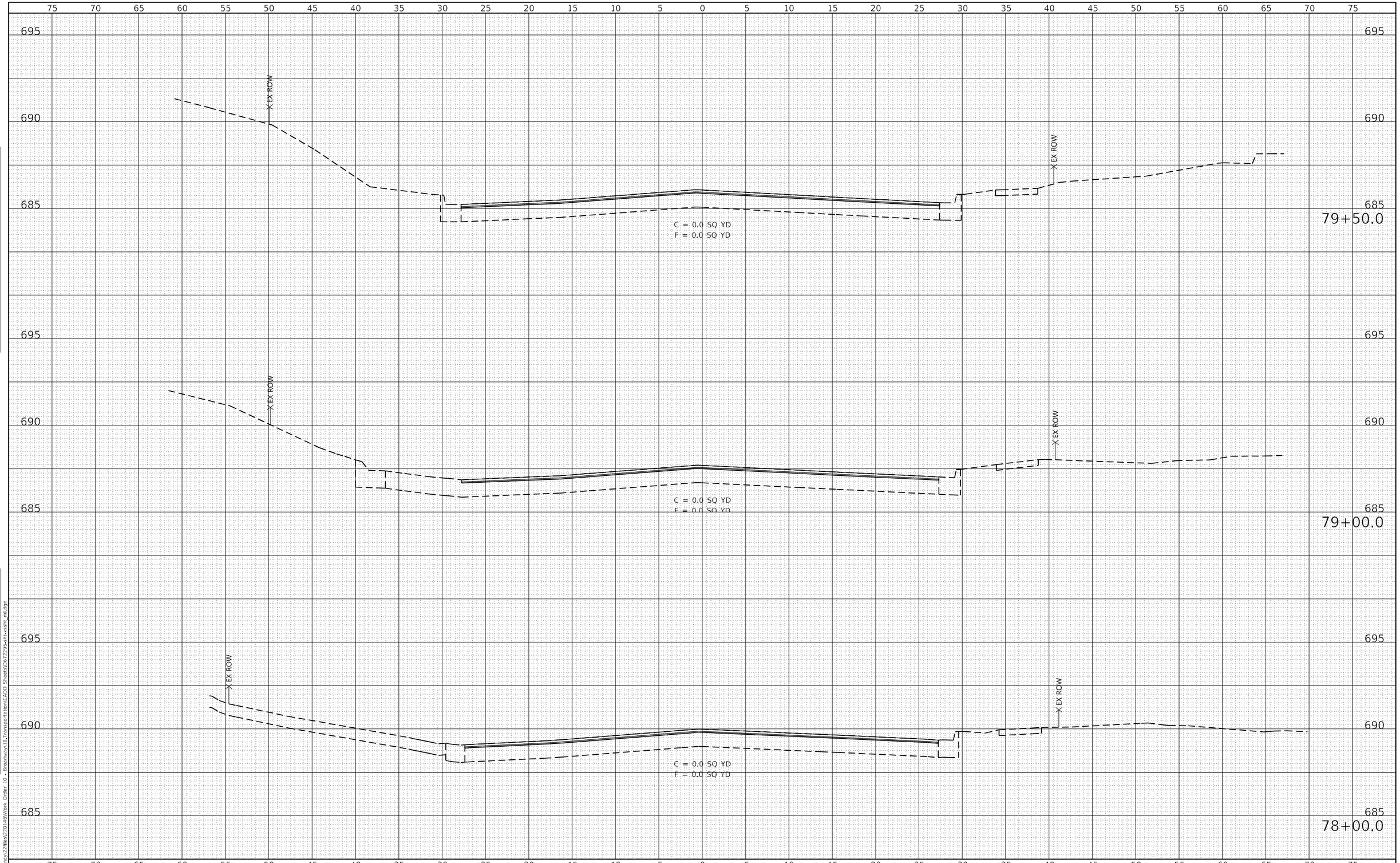
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 3 OF 39 SHEETS | STA. 76+50.0 | TO STA. 77+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	193
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 4 OF 39 SHEETS | STA. 78+00.0 | TO STA. 79+50.0

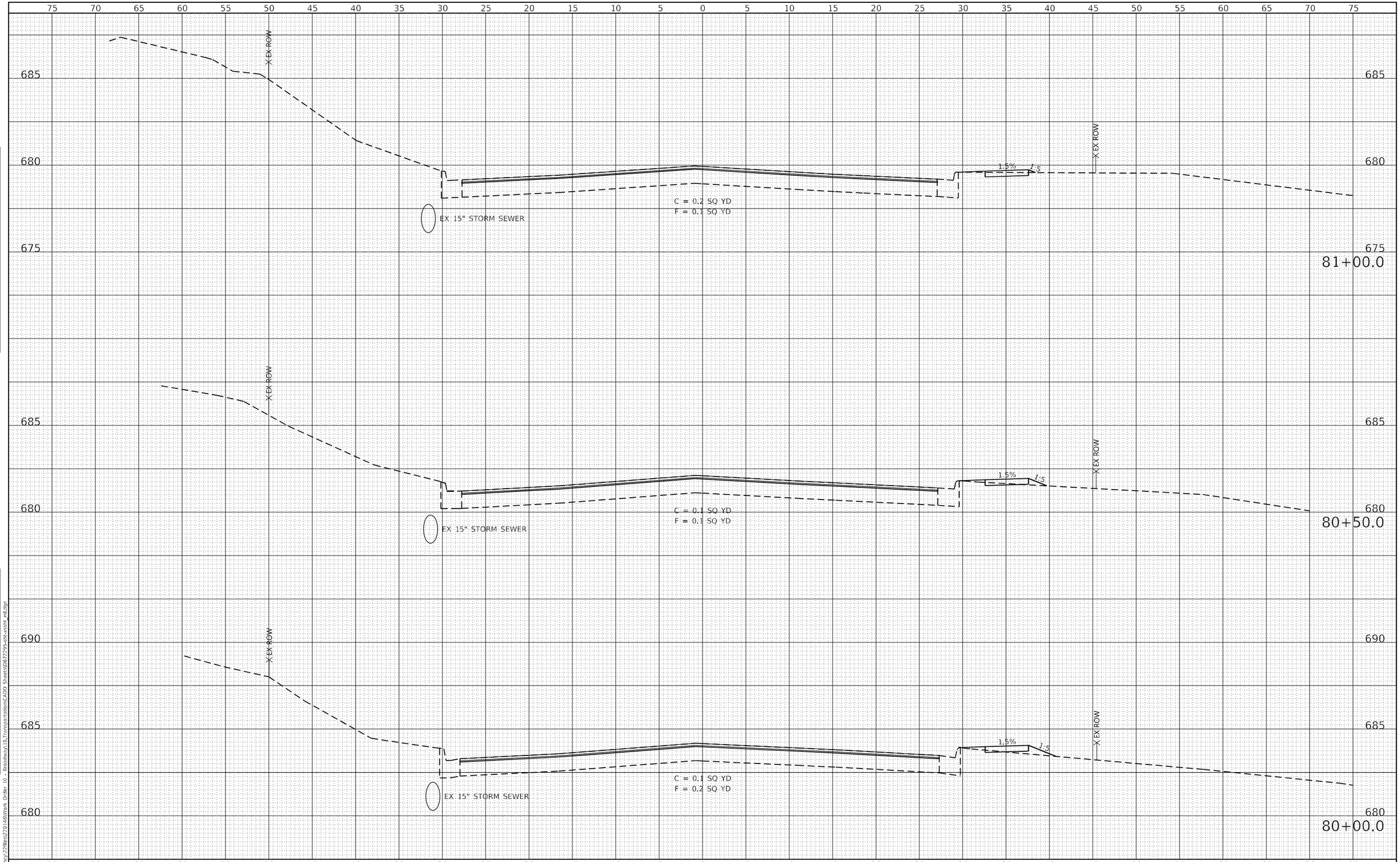
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	194
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 5 OF 39 SHEETS | STA. 80+00.0 | TO STA. 81+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	195
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

680 675 670 685 680 675 685 680 675

EX ROW

EX 15" STORM SEWER

C = 0.0 SQ YD
F = 0.0 SQ YD

82+50.0

EX ROW

EX 15" STORM SEWER

C = 0.9 SQ YD
F = 0.0 SQ YD

1.5% 1.5

82+00.0

EX ROW

EX 15" STORM SEWER

C = 0.4 SQ YD
F = 0.0 SQ YD

1.5% 1.5

81+50.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 6 OF 39 SHEETS | STA. 81+50.0 | TO STA. 82+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	196
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

675

670

665

X EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

84+00.0

675

670

665

X EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 15" STORM SEWER

83+50.0

675

670

665

X EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 15" STORM SEWER

83+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE	BY

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/23/2025	DATE -	REVISED -

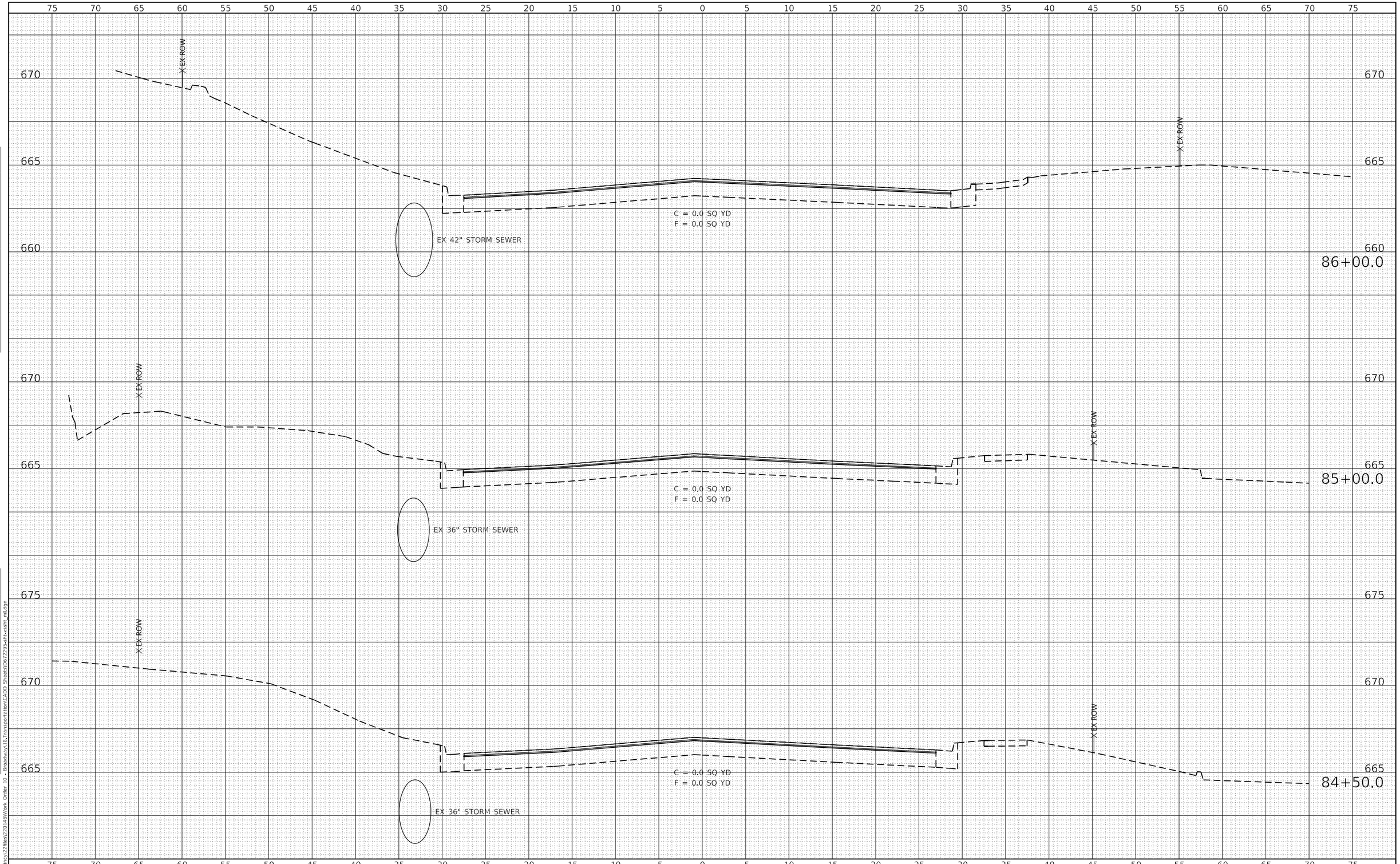
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 7 OF 39 SHEETS | STA. 83+00.0 | TO STA. 84+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	197
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

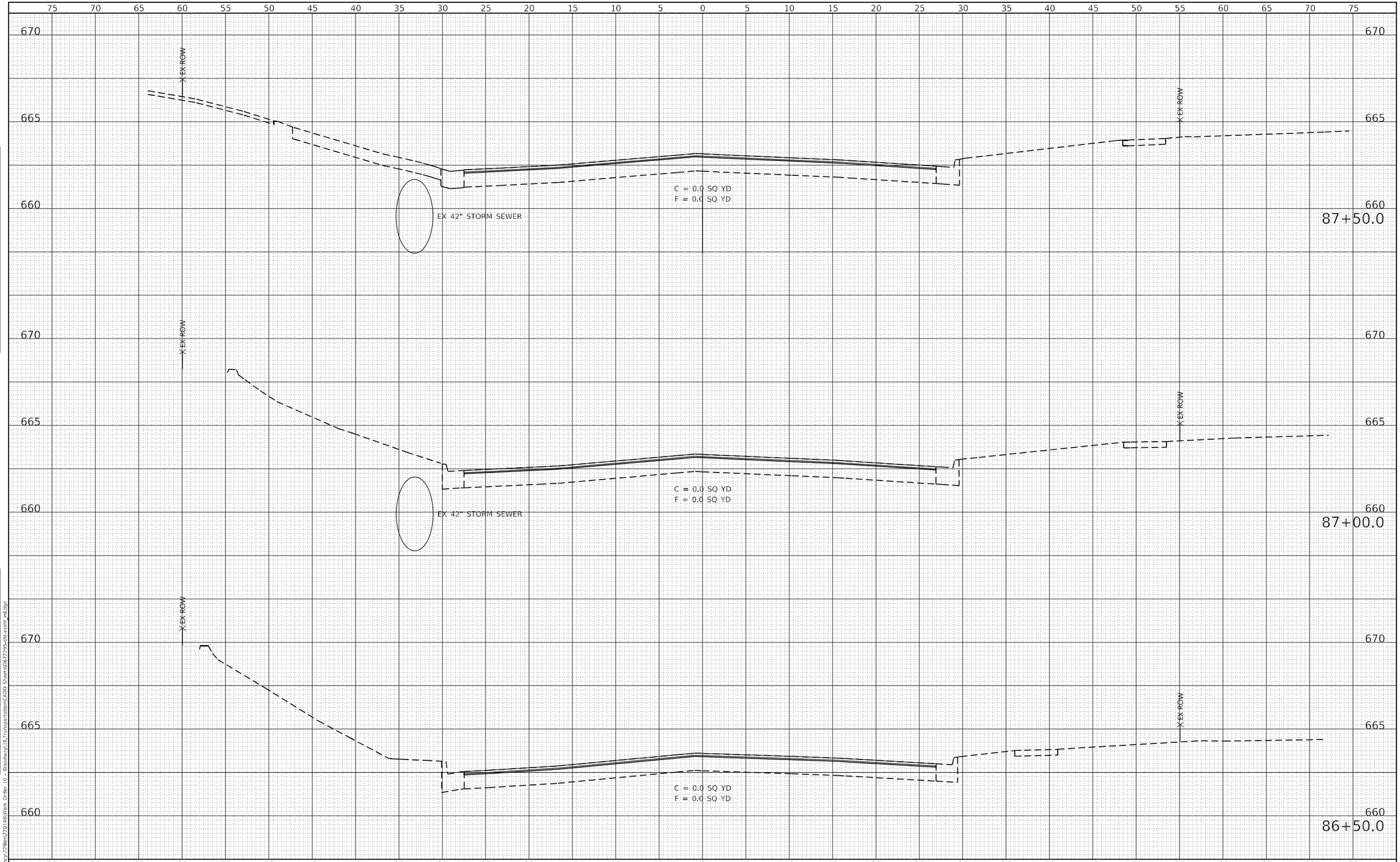
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 8 OF 39 SHEETS | STA. 84+50.0 | TO STA. 86+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	198
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 9 OF 39 SHEETS | STA. 86+50.0 | TO STA. 87+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	199
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: P:\Quincy\228kes\220146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D672295-dit-xssht_m1.dgn

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

665

660

X EX ROW

663.63

1.5%

1.5

C = 0.1 SQ YD
F = 0.3 SQ YD

EX 42" STORM SEWER

89+00.0

665

660

X EX ROW

663.35

1.5%

1.5

C = 0.0 SQ YD
F = 1.2 SQ YD

EX 42" STORM SEWER

88+50.0

665

660

X EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 42" STORM SEWER

88+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.2870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/23/2025	DATE -	REVISED -

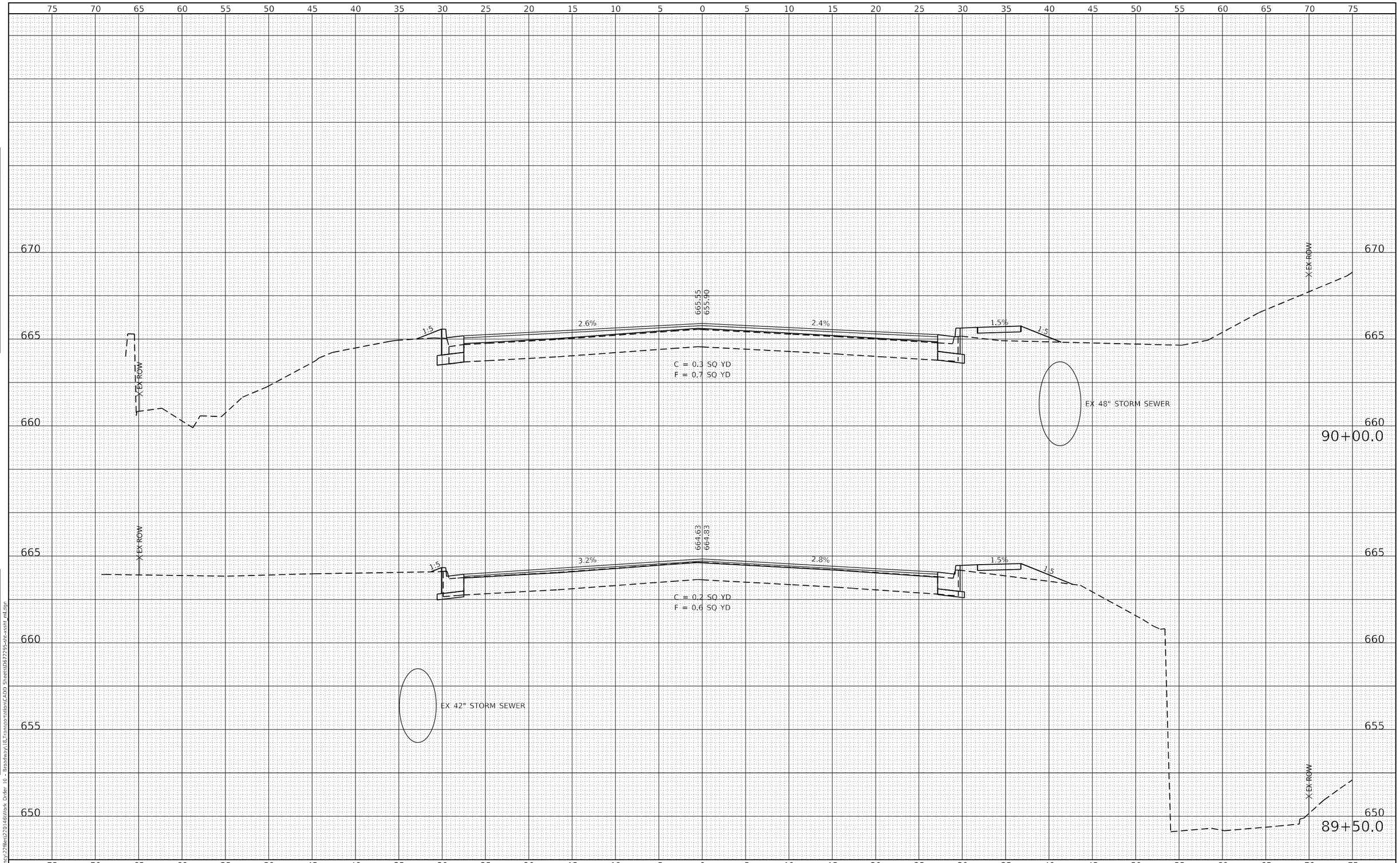
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 10 OF 39 SHEETS | STA. 88+00.0 | TO STA. 89+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	200
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: P:\Quincy2\files\220146\Work Order 10 - Broadway\18_Transportation\CADD Sheets\D672295-sht-xssht mil.dgn

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.2870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

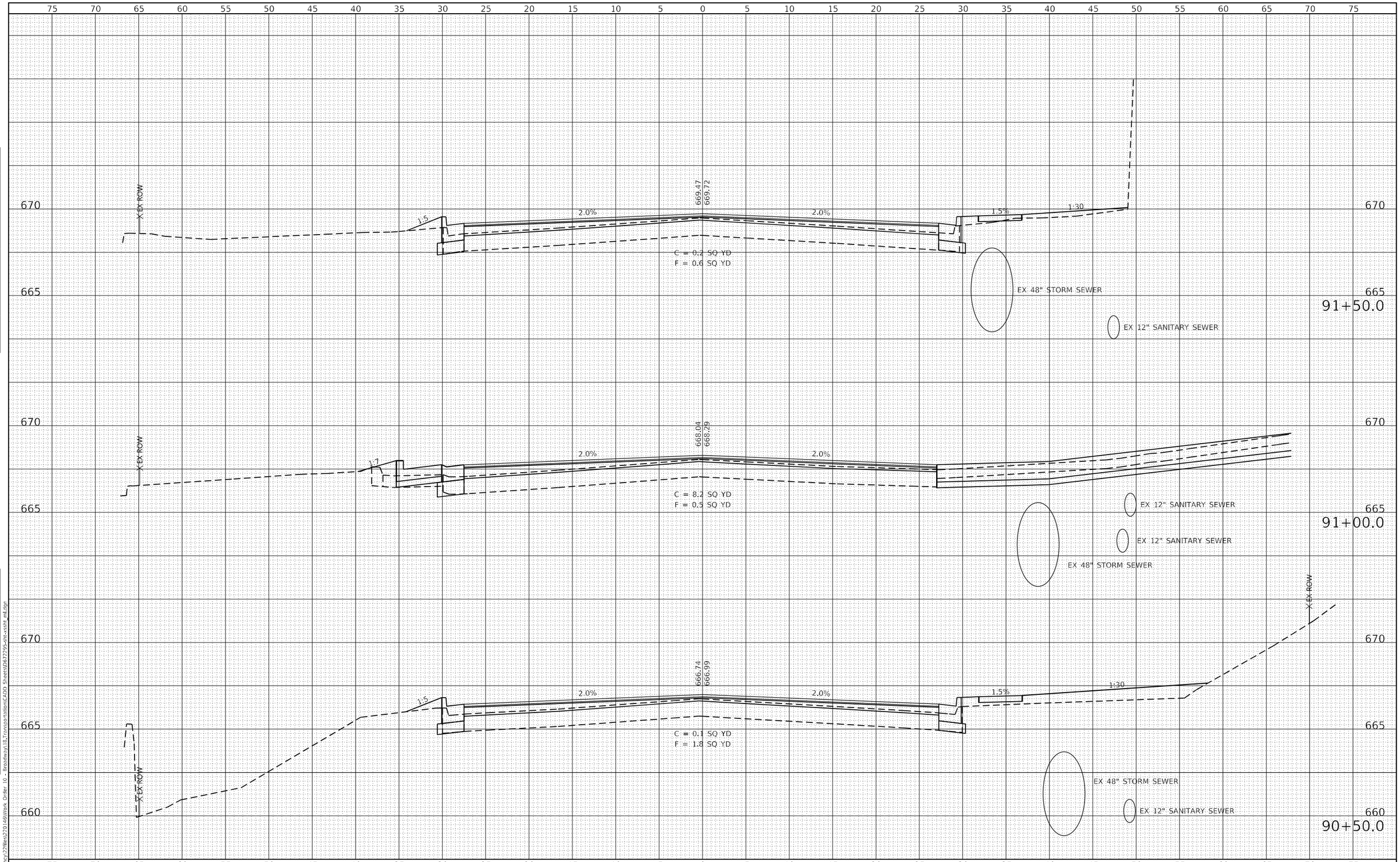
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 11 OF 39 SHEETS | STA. 89+50.0 | TO STA. 90+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	201
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY — ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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KLINGNER & ASSOCIATES, P.C.	USER NAME = mrich	DESIGNED -
Engineers • Architects • Surveyors		DRAWN -
616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670	PLOT SCALE = 10.0000 ' / in.	CHECKED -
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLOT DATE = 12/23/2025	DATE -

REVISED -	REVISED -	REVISED -
REVISED -	REVISED -	REVISED -
REVISED -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 12 OF 39 SHEETS | STA. 90+50.0 | TO STA. 91+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	202
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

680 675 670

X EX ROW

1:40

2.0%

675.03
675.28

2.0%

1.5%

1:5

X EX ROW

C = 0.3 SQ YD
F = 0.2 SQ YD

EX 48" STORM SEWER

93+00.0

EX 12" SANITARY SEWER

675 670

X EX ROW

9.8'

-0.9%

2.0%

672.99
673.24

2.0%

1.5%

1:30

C = 0.3 SQ YD
F = 0.2 SQ YD

EX 48" STORM SEWER

92+50.0

EX 12" SANITARY SEWER

675 670

X EX ROW

1:65

2.0%

671.15
671.40

2.0%

1.5%

1:30

C = 0.2 SQ YD
F = 0.3 SQ YD

EX 48" STORM SEWER

665

EX 12" SANITARY SEWER

92+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

MODEL: Default
FILE NAME: P:\Quincy\228kes\220146\Work Order 10 - Broadway\18.Transportation\CADD Sheets\D672295-dit-xssht_m1.dgn

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

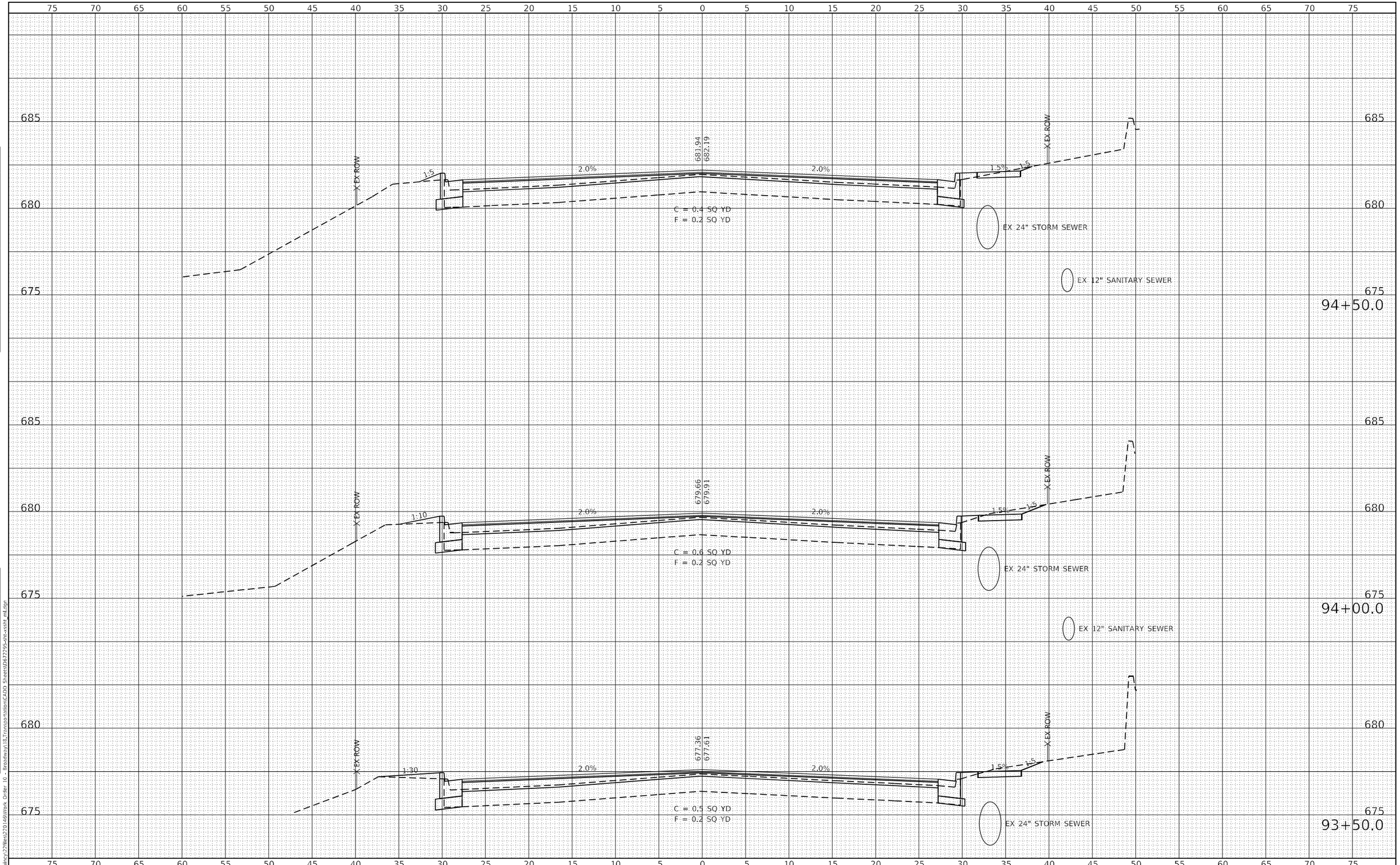
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 13 OF 39 SHEETS | STA. 92+00.0 | TO STA. 93+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	203
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

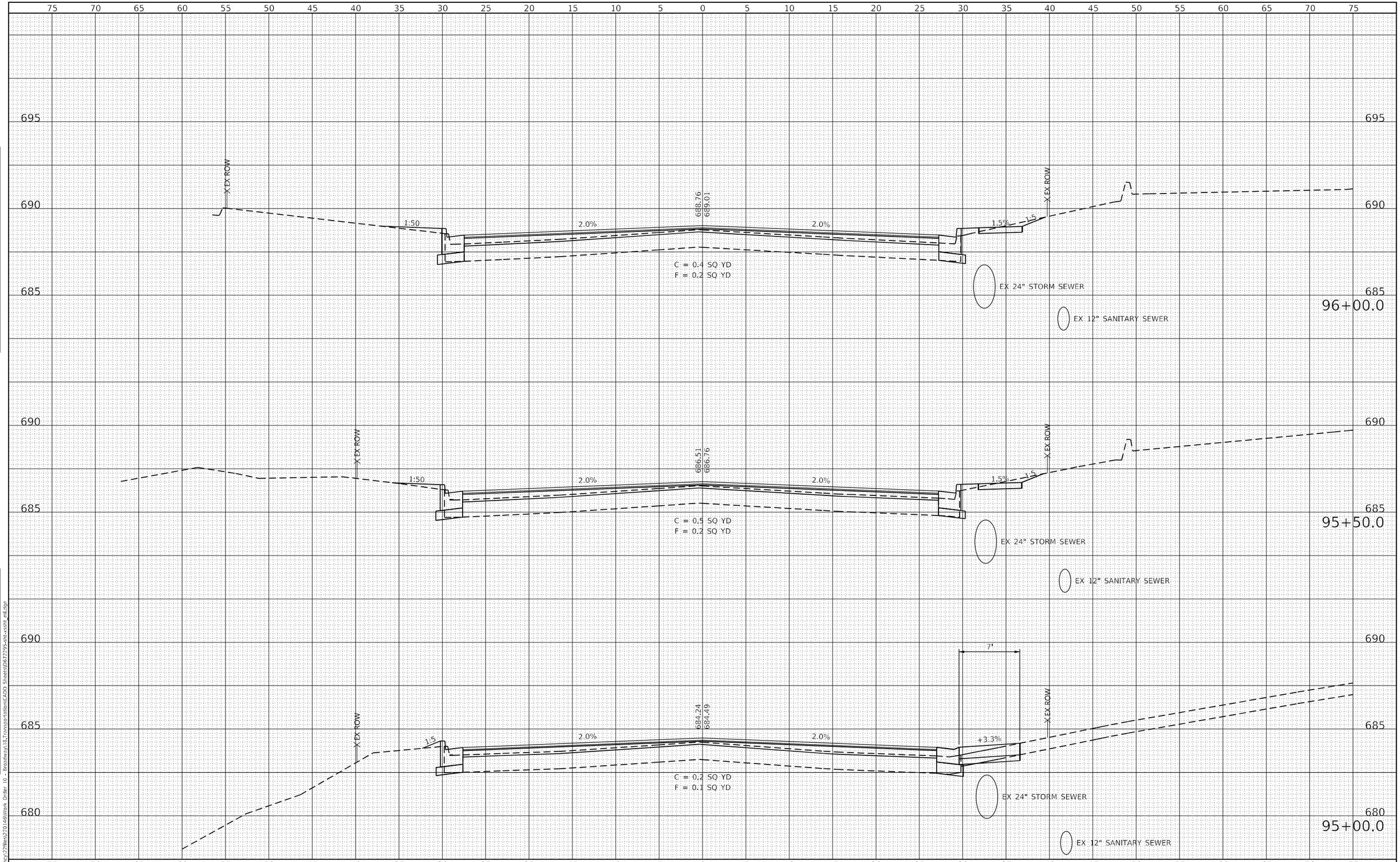
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 14 OF 39 SHEETS | STA. 93+50.0 | TO STA. 94+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	204
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

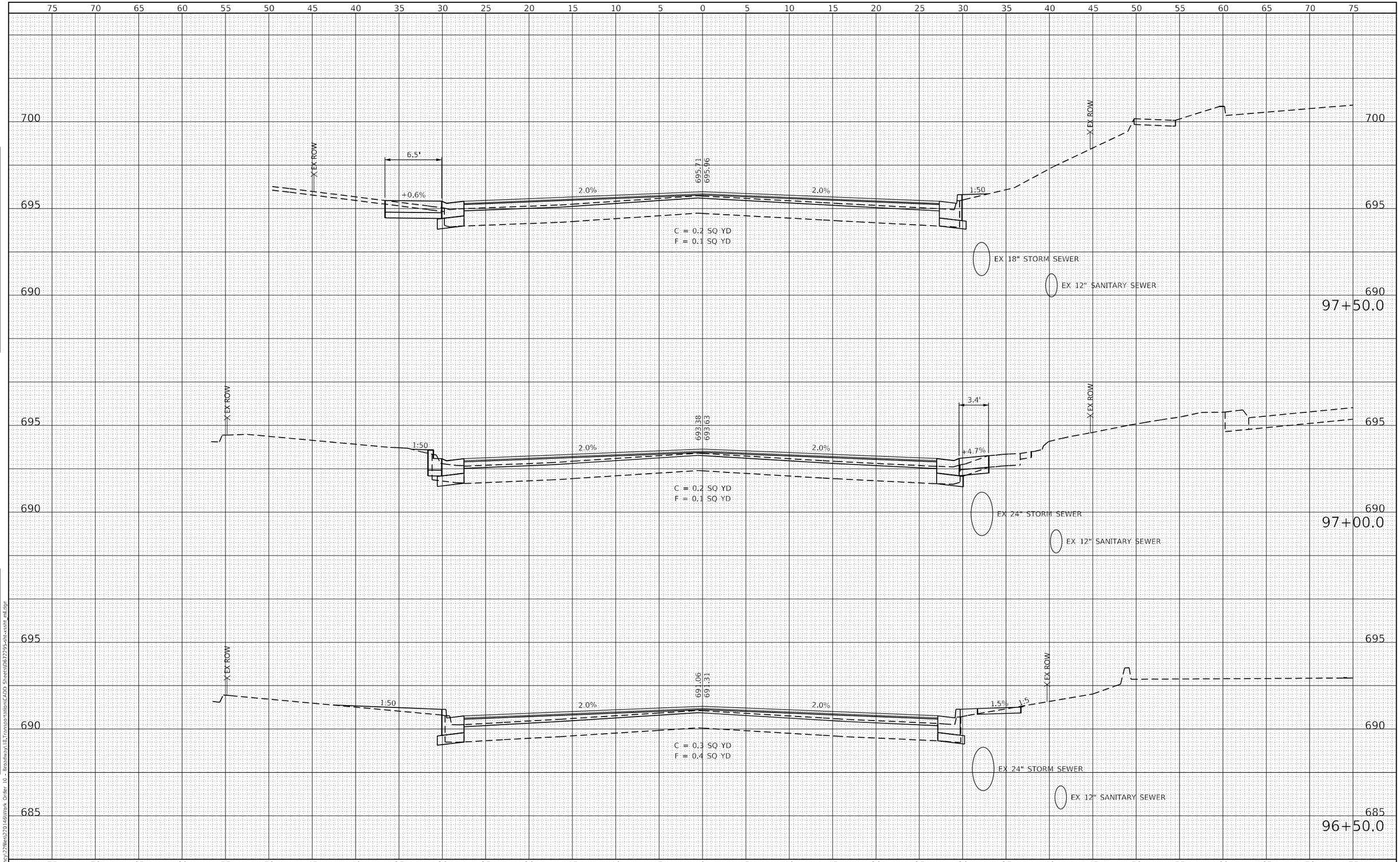
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 15 OF 39 SHEETS | STA. 95+00.0 | TO STA. 96+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	205
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3. (1-5HB3)BJR.BDR



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

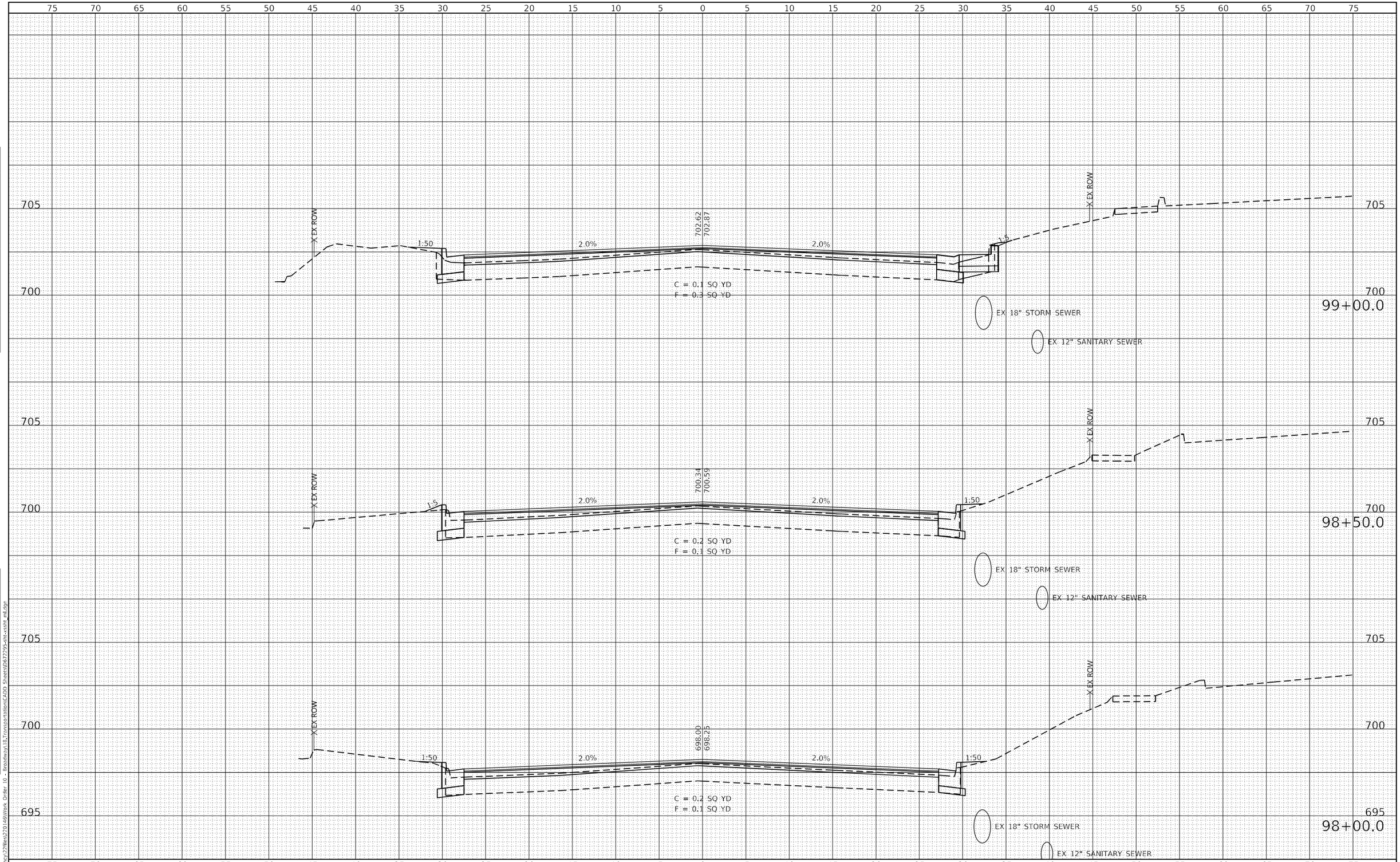
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 16 OF 39 SHEETS | STA. 96+50.0 | TO STA. 97+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	206
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	ORIGINAL SURVEY	BY	DATE
SURVEYED	SURVEYED		
PLOTTED	PLOTTED		
TEMPLATE	TEMPLATE		
NOTE BOOK	NOTE BOOK		
AREAS	AREAS		
NO.	NO.		
AREAS CHECKED	AREAS CHECKED		

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616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 17 OF 39 SHEETS | STA. 98+00.0 | TO STA. 99+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	207
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

710

705

EX ROW

1:3

1.5%

2.0%

709.41

709.66

2.0%

1:25

EX ROW

C = 0.2 SQ YD
F = 0.7 SQ YD

EX 18" STORM SEWER

EX 12" SANITARY SEWER

100+50.0

710

705

EX ROW

1:3

1.5%

2.0%

707.18

707.43

2.0%

1:10

EX ROW

C = 0.2 SQ YD
F = 0.5 SQ YD

EX 18" STORM SEWER

EX 12" SANITARY SEWER

100+00.0

710

705

EX ROW

1:3

1.5%

2.0%

704.92

705.17

2.0%

1:50

EX ROW

C = 0.2 SQ YD
F = 0.7 SQ YD

EX 18" STORM SEWER

EX 12" SANITARY SEWER

99+50.0

700

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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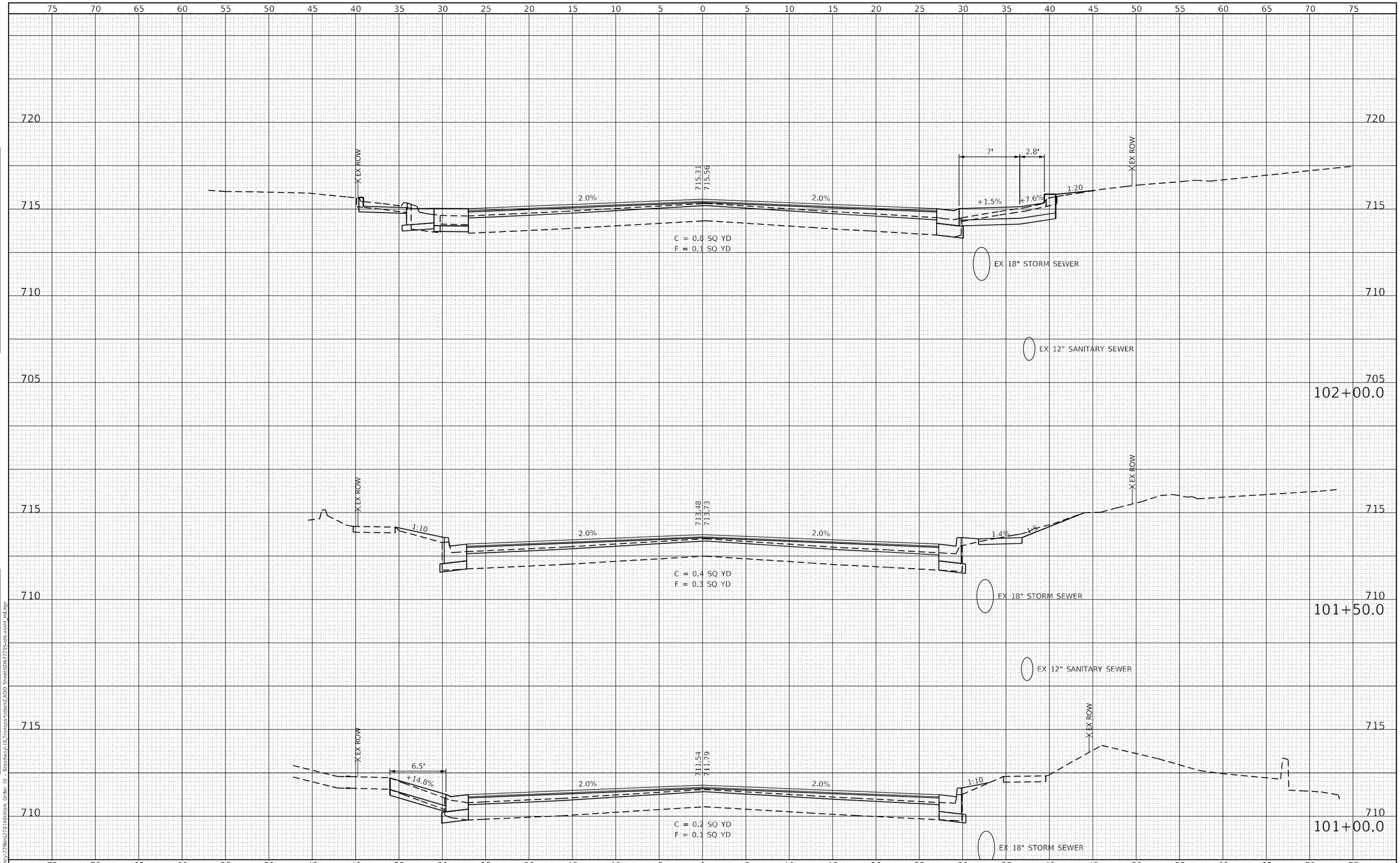
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 18 OF 39 SHEETS | STA. 99+50.0 | TO STA. 100+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	208
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3, (1-5HB3)BJR.BDR



ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

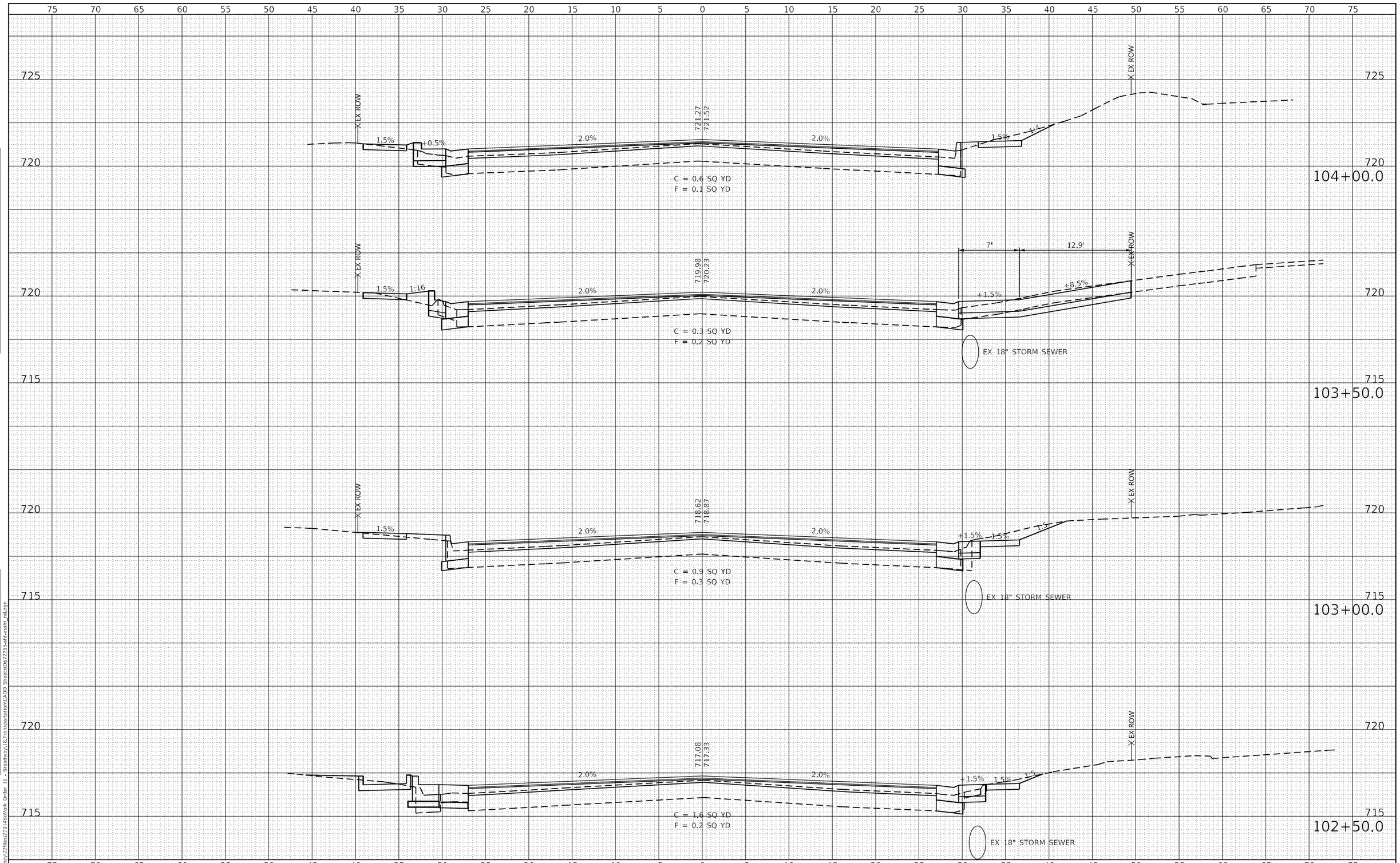
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 19 OF 39 SHEETS | STA. 101+00.0 | TO STA. 102+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	209
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3, (1-5HB3)BJR.BDR



USER NAME = mrich	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/23/2025	DATE -	REVISED -	

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 20 OF 39 SHEETS | STA. 102+50.0 TO STA. 104+00.0

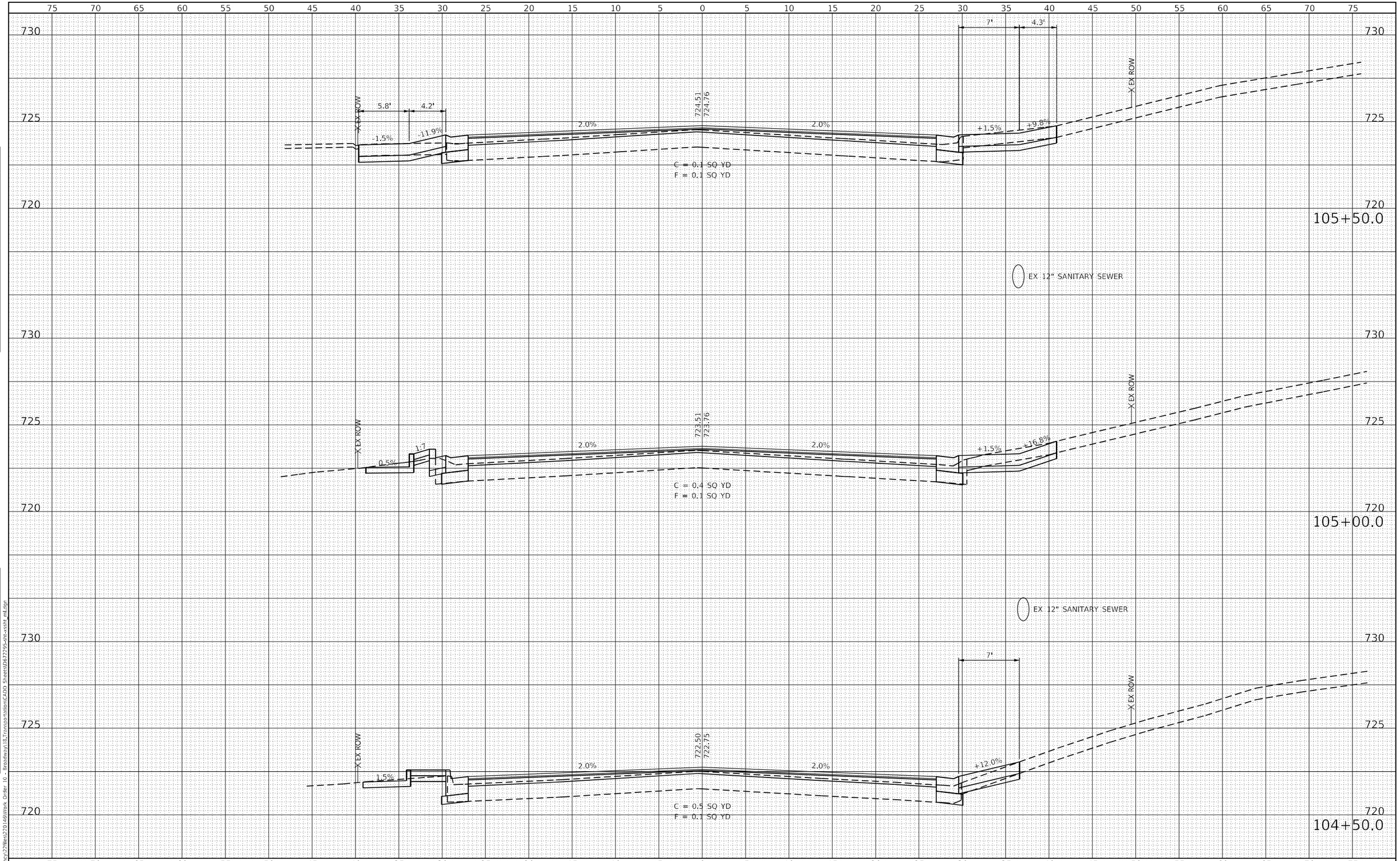
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	210
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

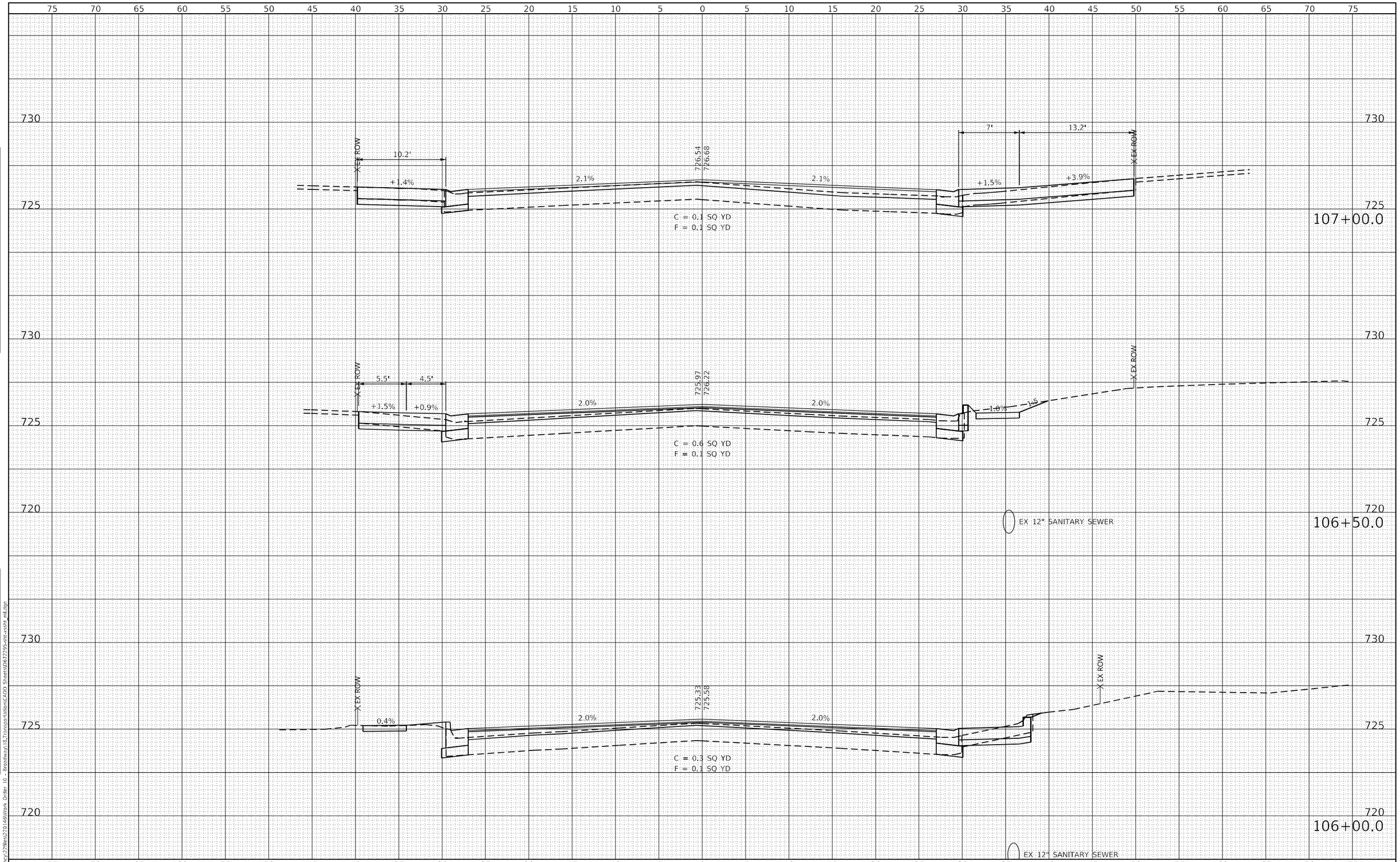
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 21 OF 39 SHEETS | STA. 104+50.0 | TO STA. 105+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	211
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.2870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

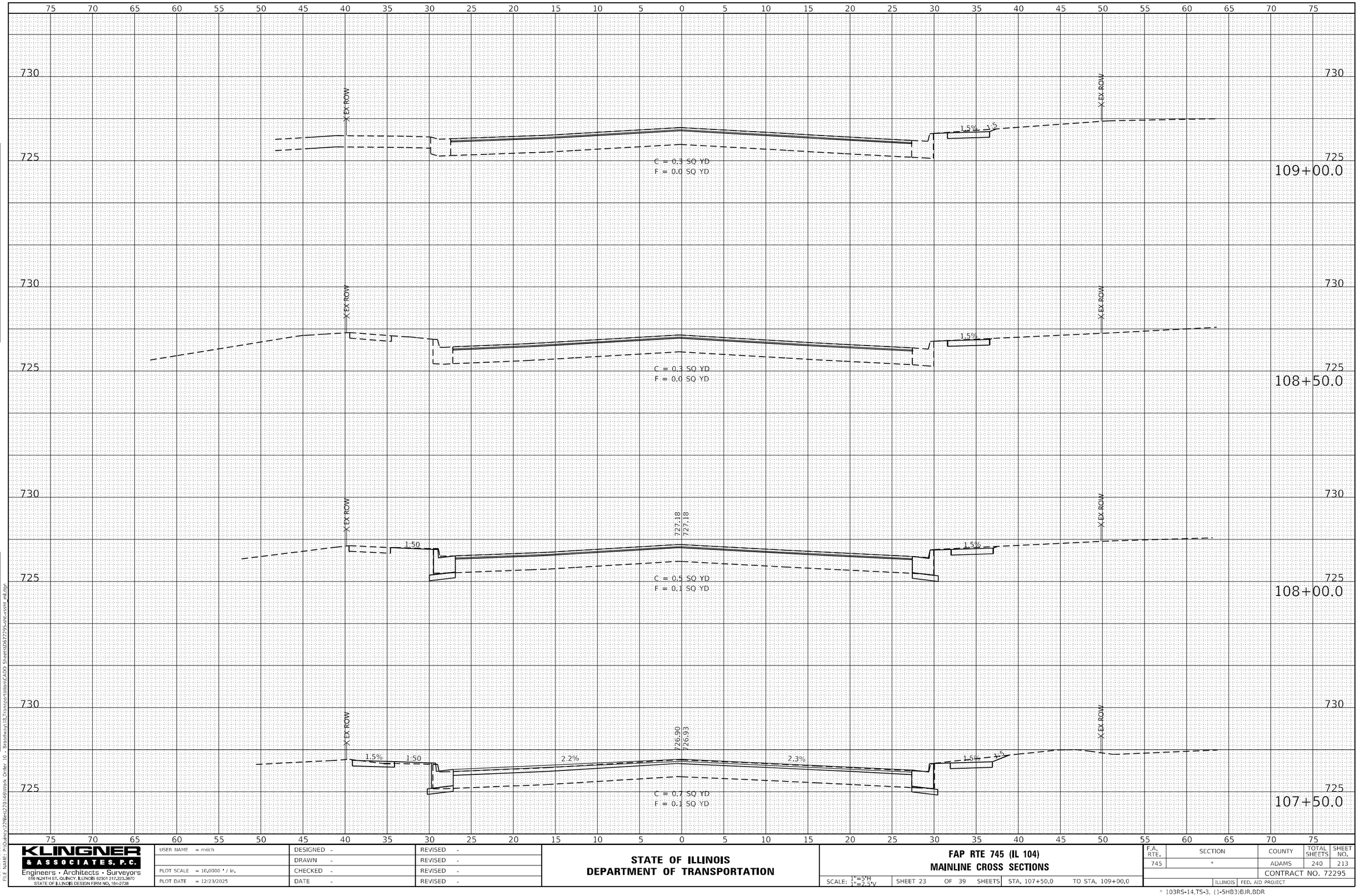
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 22 OF 39 SHEETS | STA. 106+00.0 | TO STA. 107+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	212
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
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TEMPLATE
AREAS
AREAS CHECKED

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

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PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 23 OF 39 SHEETS | STA. 107+50.0 | TO STA. 109+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	213
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

730

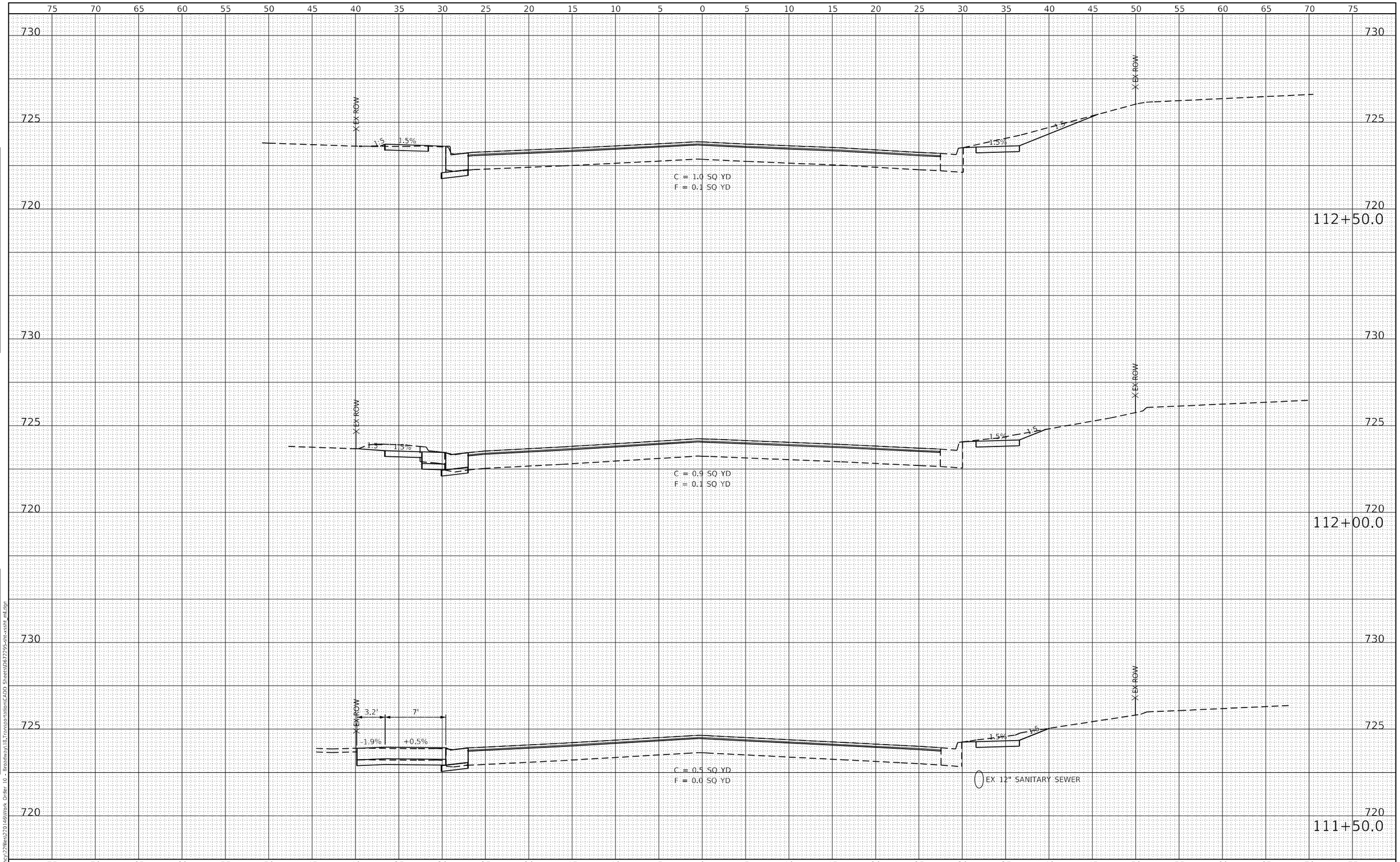
725

730

725

730

725



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		DATE
PLOTTED		
TEMPLATE		BY
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		DATE
PLOTTED		
TEMPLATE		BY
AREAS		
AREAS CHECKED		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

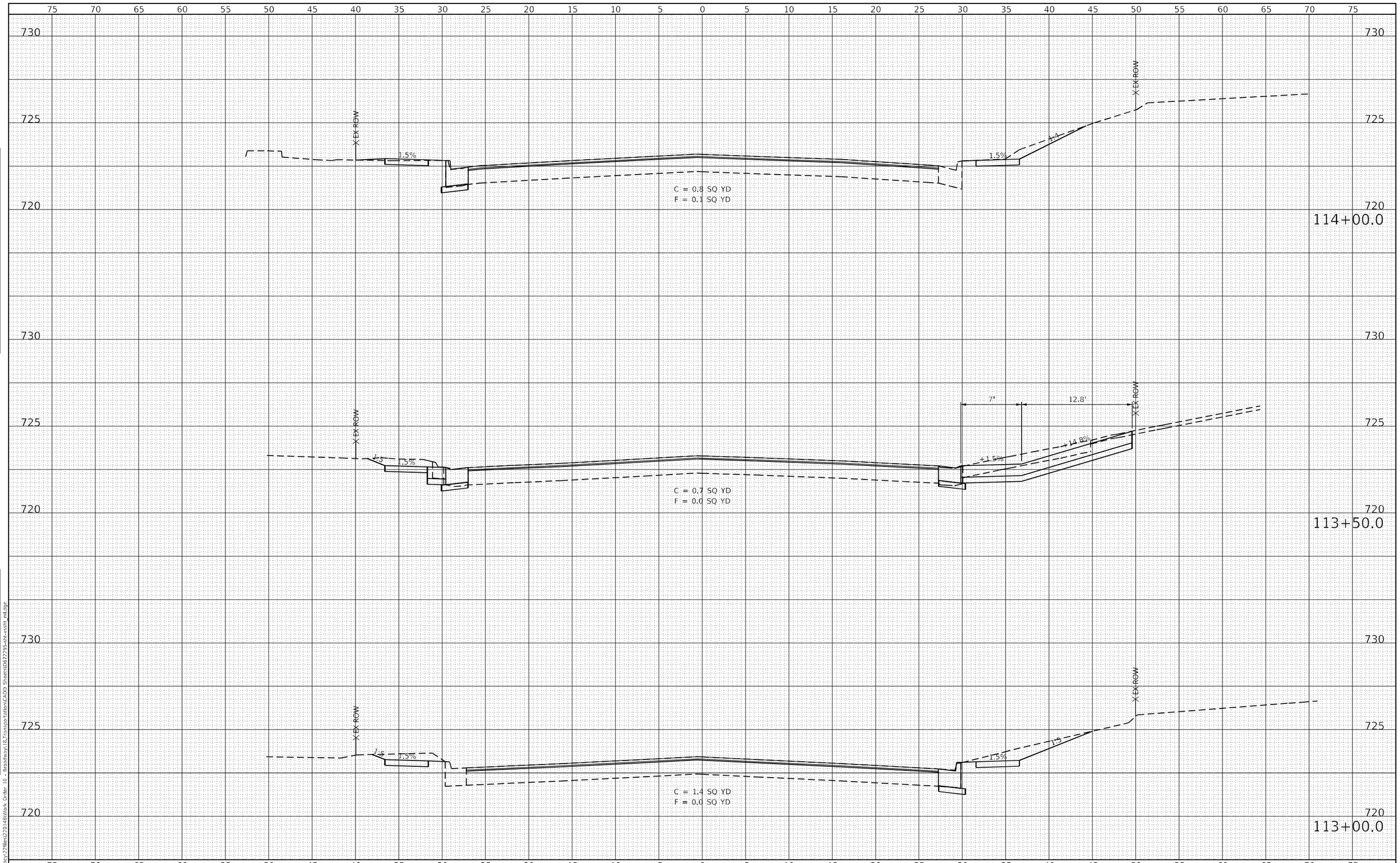
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 25 OF 39 SHEETS | STA. 111+50.0 | TO STA. 112+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	215
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

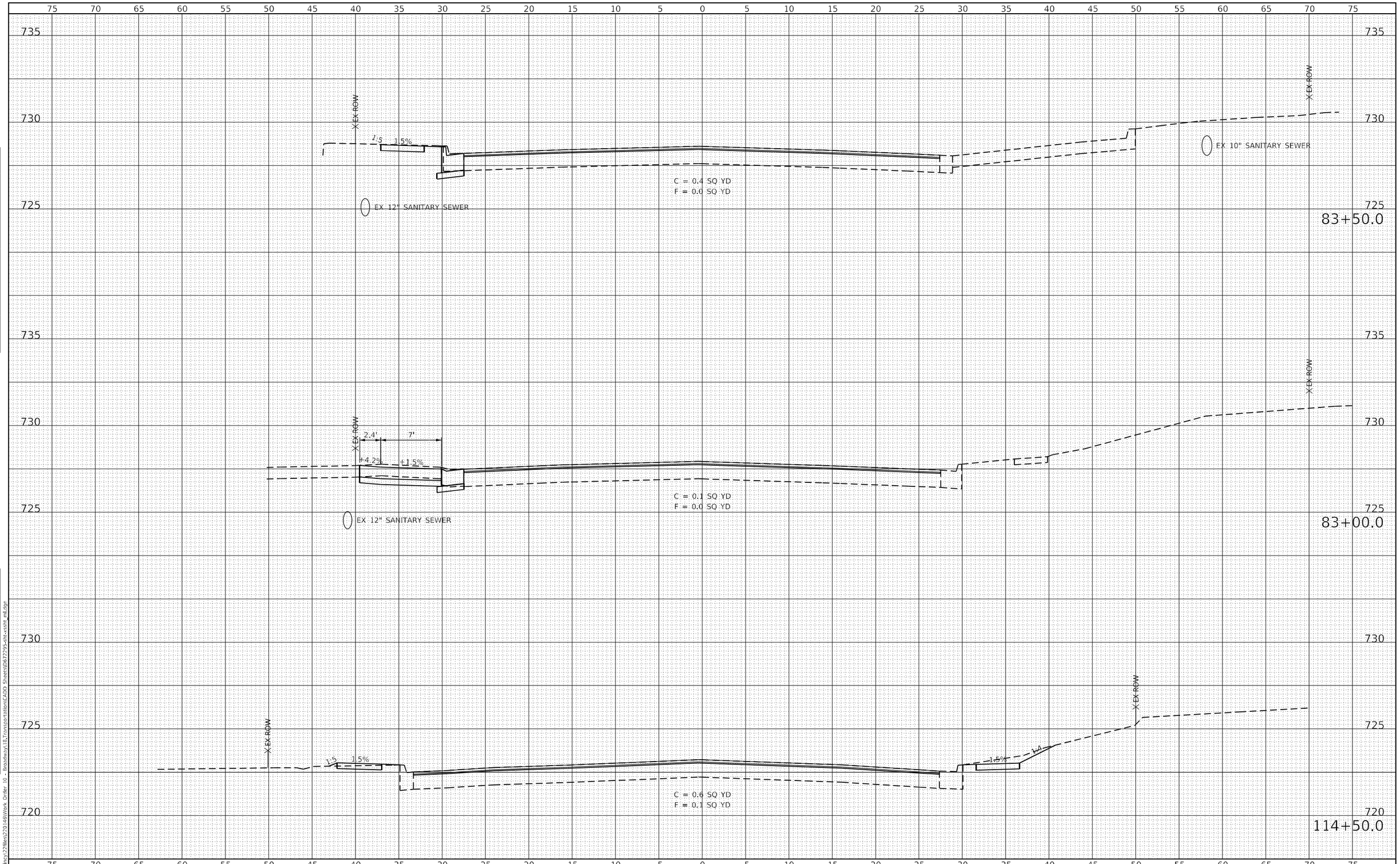
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 26 OF 39 SHEETS | STA. 113+00.0 | TO STA. 114+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	216
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 27 OF 39 SHEETS | STA. 114+50.0 | TO STA. 83+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	217
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735
730
725

EX ROW

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 12" SANITARY SEWER

85+00.0

735
730
725

EX ROW

2.2'
7'
-4.4%
+1.5%

C = 0.2 SQ YD
F = 0.0 SQ YD

EX 12" SANITARY SEWER

84+50.0

730
725

EX ROW

1.200
1.5%

C = 0.4 SQ YD
F = 0.1 SQ YD

EX 12" SANITARY SEWER

EX 10" SANITARY SEWER

84+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE	BY

MODEL: Default
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

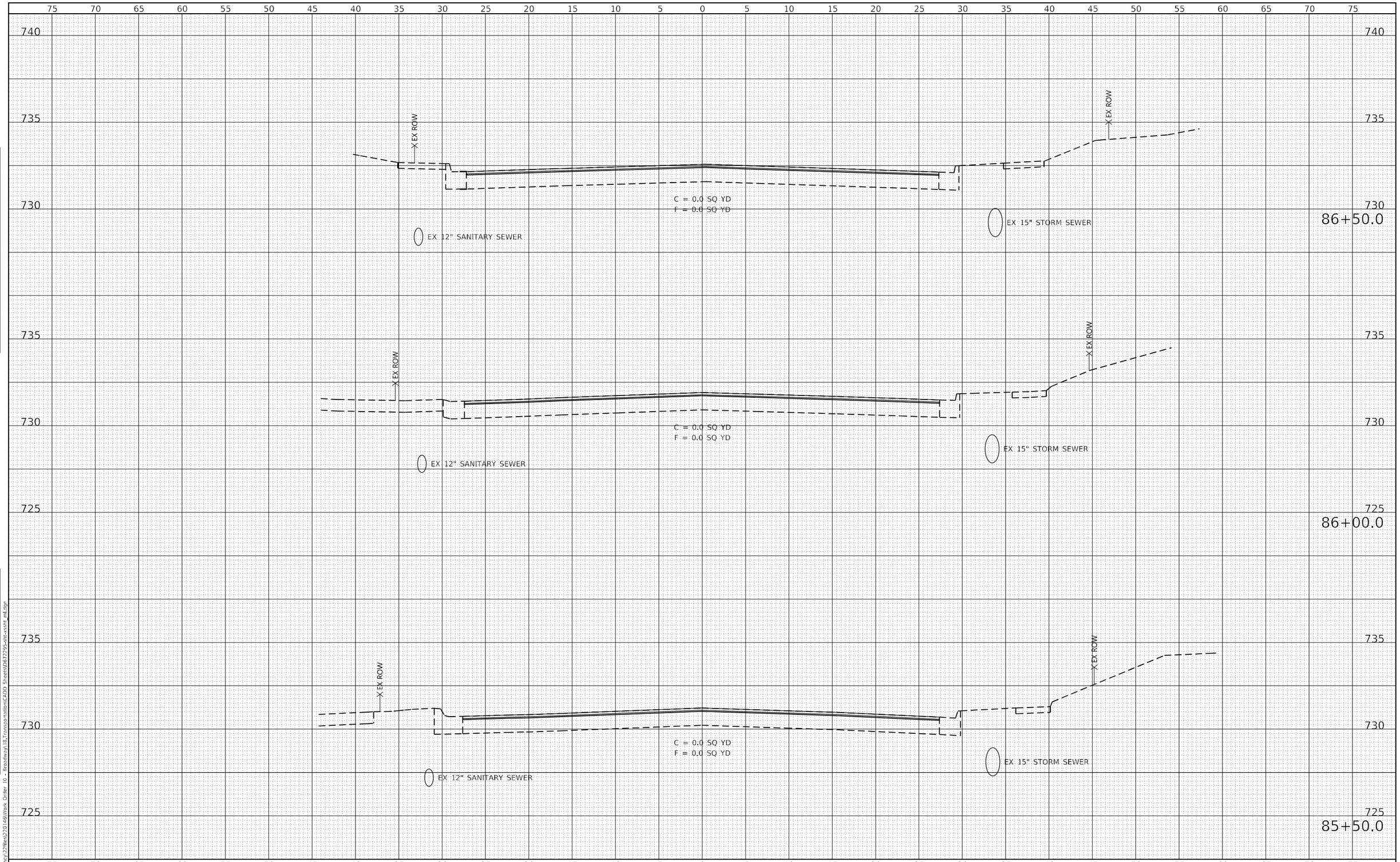
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 28 OF 39 SHEETS | STA. 84+00.0 | TO STA. 85+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	218
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 29 OF 39 SHEETS | STA. 85+50.0 | TO STA. 86+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	219
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

EX ROW

735

730

7.5% 0.5% 0.5%

C = 0.2 SQ YD
F = 0.0 SQ YD

88+50.0

EX ROW

EX ROW

735

730

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 12" SANITARY SEWER

88+00.0

EX ROW

EX ROW

735

730

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 12" SANITARY SEWER

EX 15" STORM SEWER

87+50.0

EX ROW

EX ROW

735

730

C = 0.0 SQ YD
F = 0.0 SQ YD

EX 12" SANITARY SEWER

EX 15" STORM SEWER

87+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.

ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 30 OF 39 SHEETS | STA. 87+00.0 | TO STA. 88+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	220
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

740

735

1:5 1.5%

C = 0.1 SQ YD
F = 0.1 SQ YD

90+50.0

EX PIPE CULVERT

740

EX ROW

1:60 1.5%

735

C = 0.2 SQ YD
F = 0.1 SQ YD

90+00.0

740

EX ROW

1:5 1.5%

735

C = 0.2 SQ YD
F = 0.0 SQ YD

89+50.0

740

EX ROW

1:5 1.5%

735

C = 0.3 SQ YD
F = 0.0 SQ YD

89+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

MODEL: Default
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

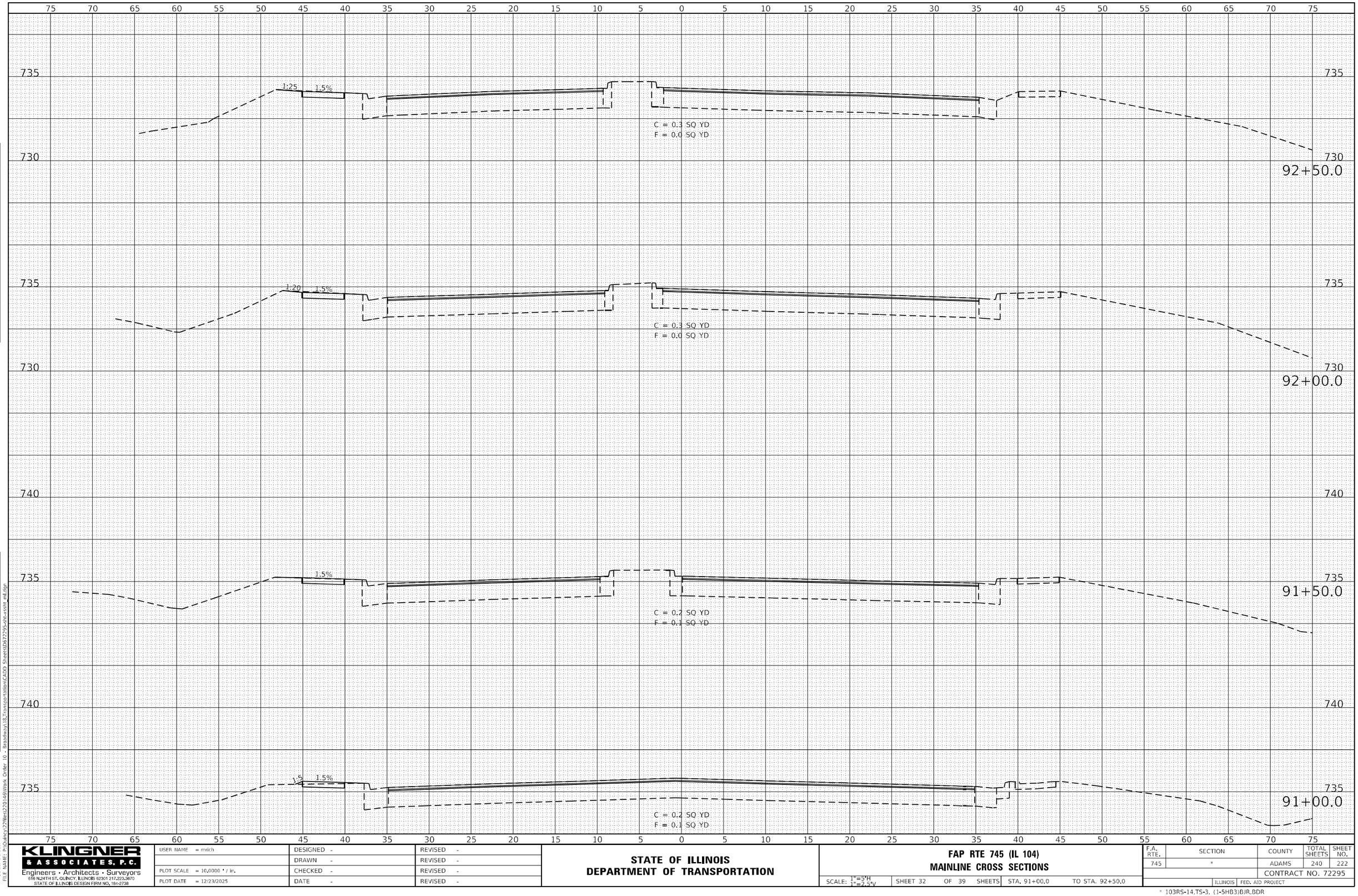
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 31 OF 39 SHEETS | STA. 89+00.0 | TO STA. 90+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	221
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 32 OF 39 SHEETS | STA. 91+00.0 | TO STA. 92+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	222
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735

730

1:15

C = 0.5 SQ YD
F = 0.5 SQ YD

94+50.0

735

730

1:25

1.5%

C = 0.2 SQ YD
F = 0.1 SQ YD

94+00.0

735

730

1:10

1.5%

C = 0.2 SQ YD
F = 0.1 SQ YD

93+50.0

735

730

1.5%

C = 0.2 SQ YD
F = 0.1 SQ YD

93+00.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

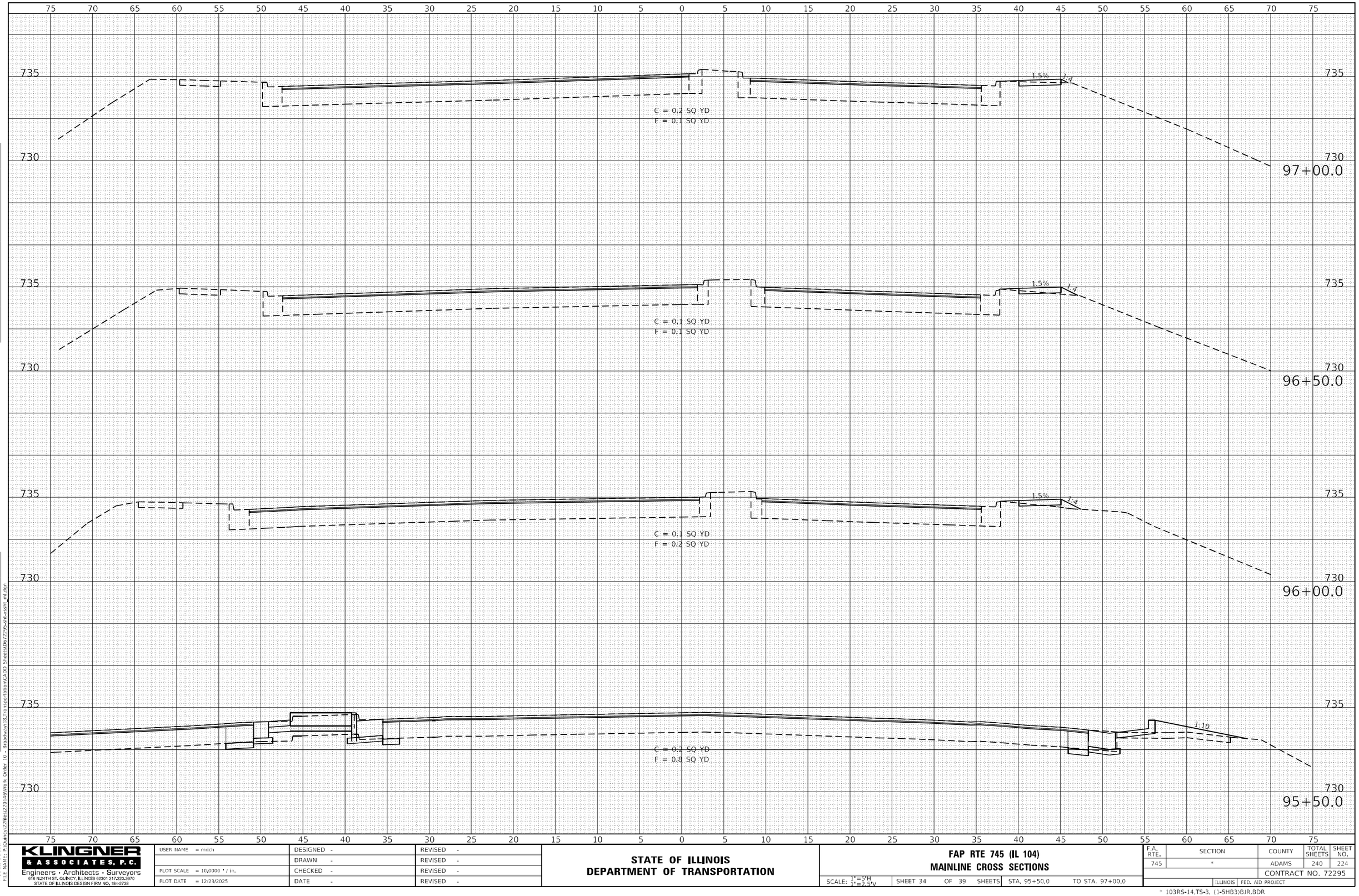
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 33 OF 39 SHEETS | STA. 93+00.0 | TO STA. 94+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	223
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 34 OF 39 SHEETS | STA. 95+50.0 | TO STA. 97+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	224
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735

730

99+00.0

C = 0.1 SQ YD
F = 0.1 SQ YD

1.5%

1:4

735

730

98+50.0

C = 0.3 SQ YD
F = 0.1 SQ YD

1.5%

1:4

735

730

98+00.0

C = 0.1 SQ YD
F = 0.1 SQ YD

1.5%

1:4

735

730

97+50.0

C = 0.1 SQ YD
F = 0.1 SQ YD

1.5%

1:4

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

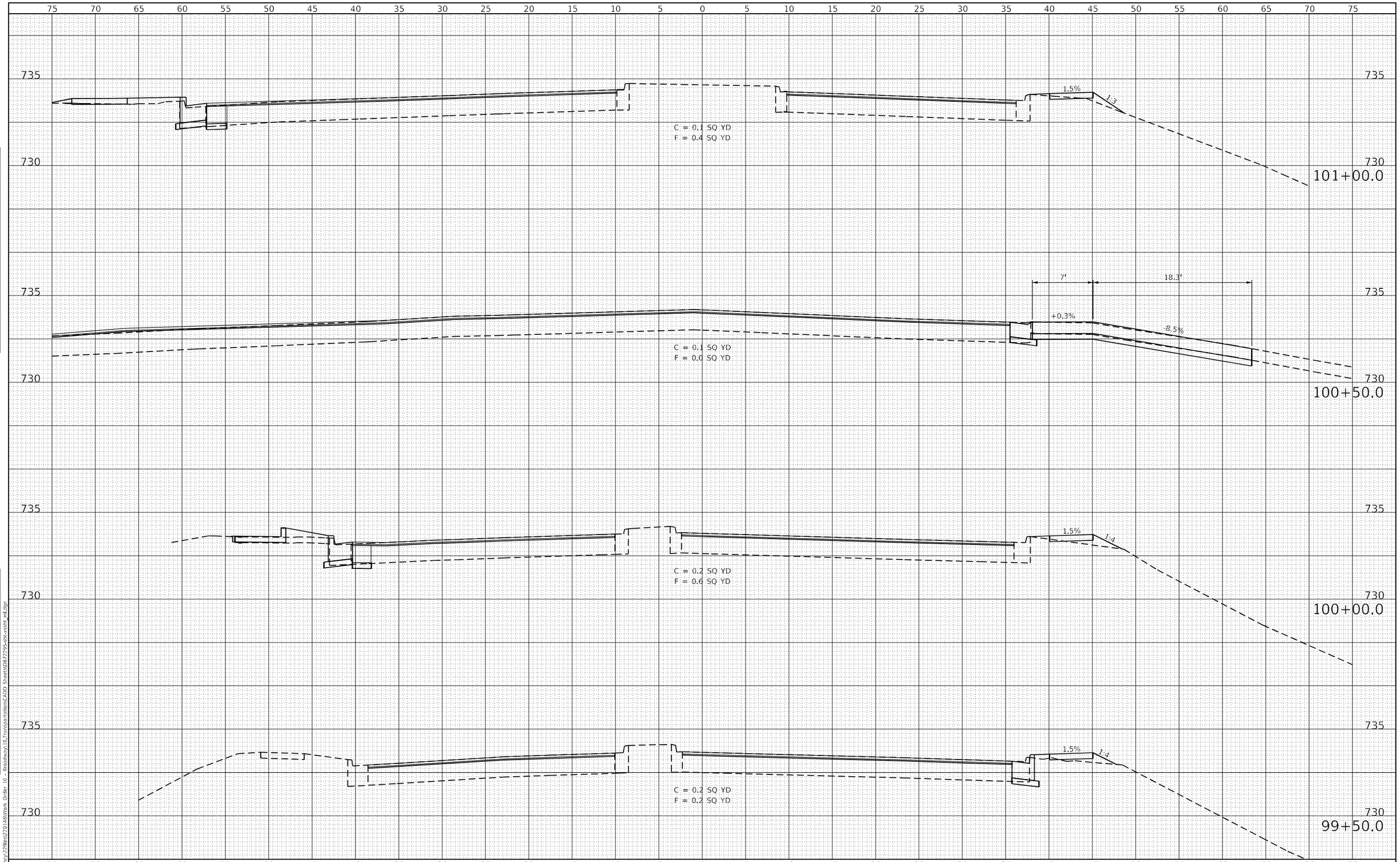
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 35 OF 39 SHEETS | STA. 97+50.0 | TO STA. 99+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	225
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 36 OF 39 SHEETS | STA. 99+50.0 TO STA. 101+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	226
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735

730

1:3

1.5%

C = 0.2 SQ YD
F = 0.3 SQ YD

103+00.0

C = 0.1 SQ YD
F = 0.2 SQ YD

102+50.0

C = 0.1 SQ YD
F = 0.1 SQ YD

102+00.0

C = 0.1 SQ YD
F = 0.2 SQ YD

101+50.0

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 37 OF 39 SHEETS | STA. 101+50.0 TO STA. 103+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	227
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735
730

1:3 1.5%

C = 0.4 SQ YD
F = 0.1 SQ YD

1' 1.5% 1:3 X EX ROW

105+00.0

735
730

1:3 1.5%

C = 0.3 SQ YD
F = 0.2 SQ YD

2' 1.5% 1.5% X EX ROW

104+50.0

735
730

1:3 1.5%

C = 0.2 SQ YD
F = 0.4 SQ YD

1.5% 1:3 X EX ROW

104+00.0

735
730

1:3 1.5%

C = 0.1 SQ YD
F = 0.3 SQ YD

1.5% 1:3 X EX ROW

103+50.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 38 OF 39 SHEETS | STA. 103+50.0 | TO STA. 105+00.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	228
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735

730

1:3

1:45

C = 0.6 SQ YD
F = 0.2 SQ YD

105+50.0

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/23/2025	DATE -	REVISED -

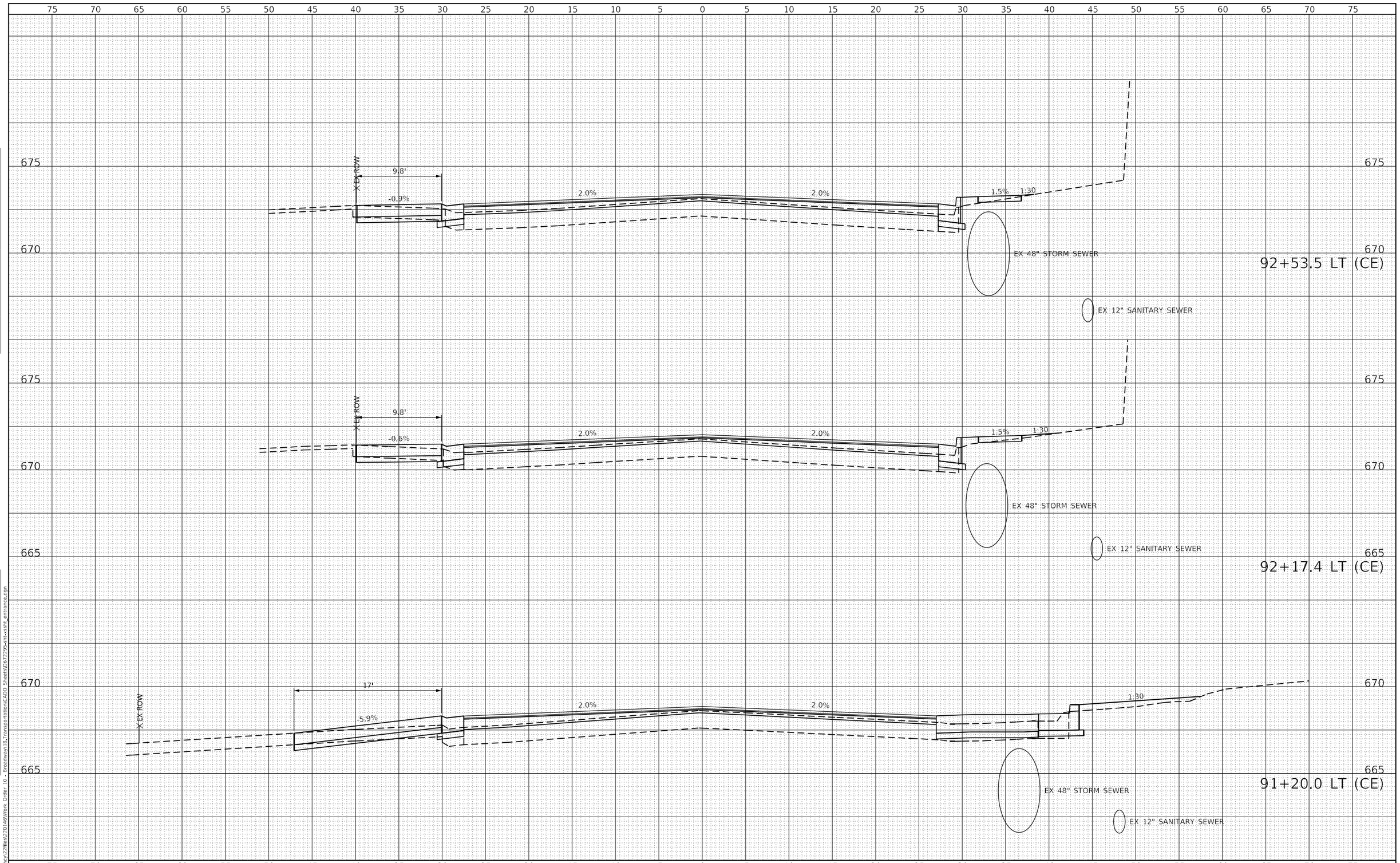
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
MAINLINE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 39 OF 39 SHEETS | STA. 105+50.0 | TO STA. 105+50.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	229
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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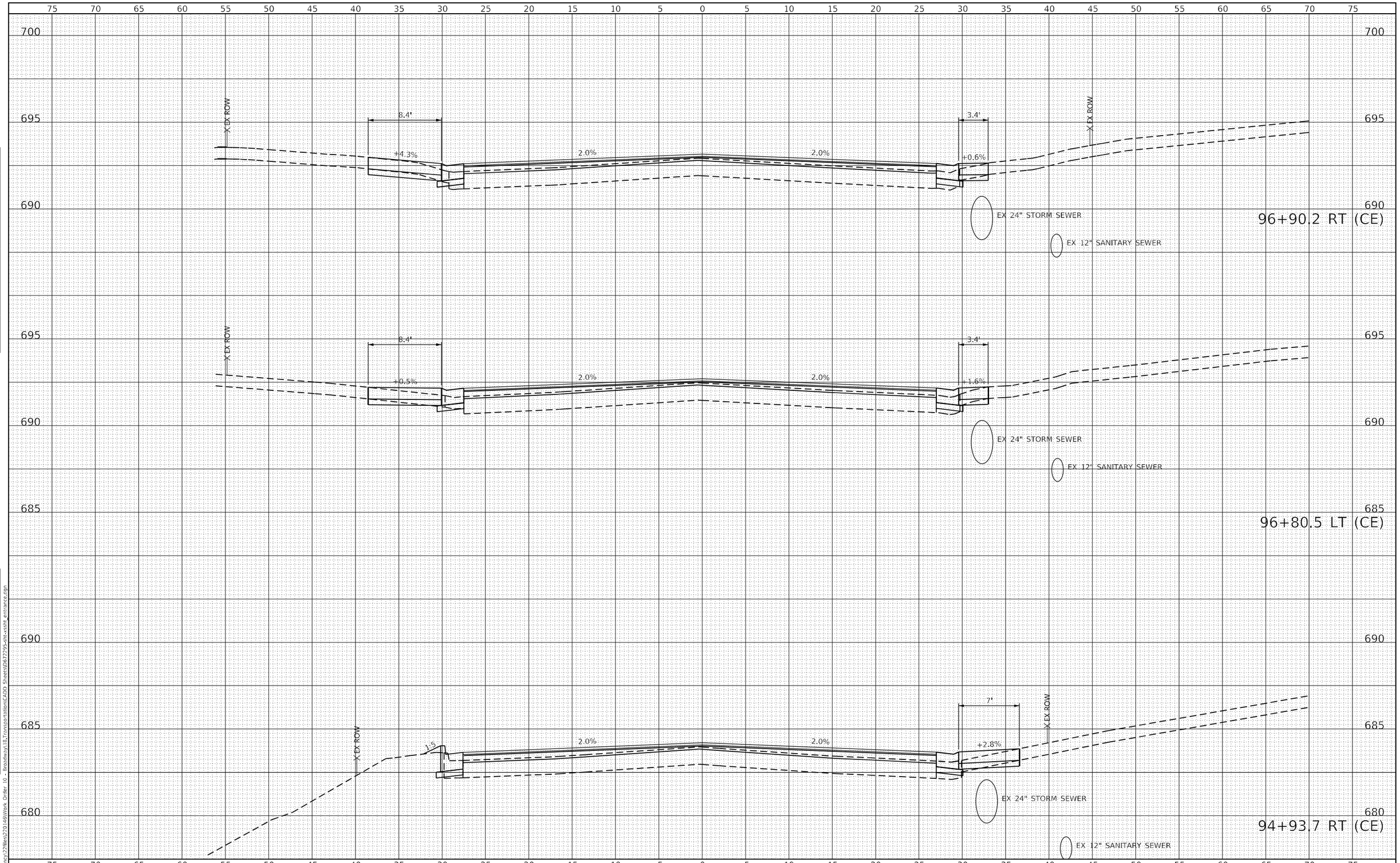
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 1 OF 11 SHEETS | STA. 91+20.0 | TO STA. 92+53.5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	230
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 2 OF 11 SHEETS | STA. 94+93.7 | TO STA. 96+90.2

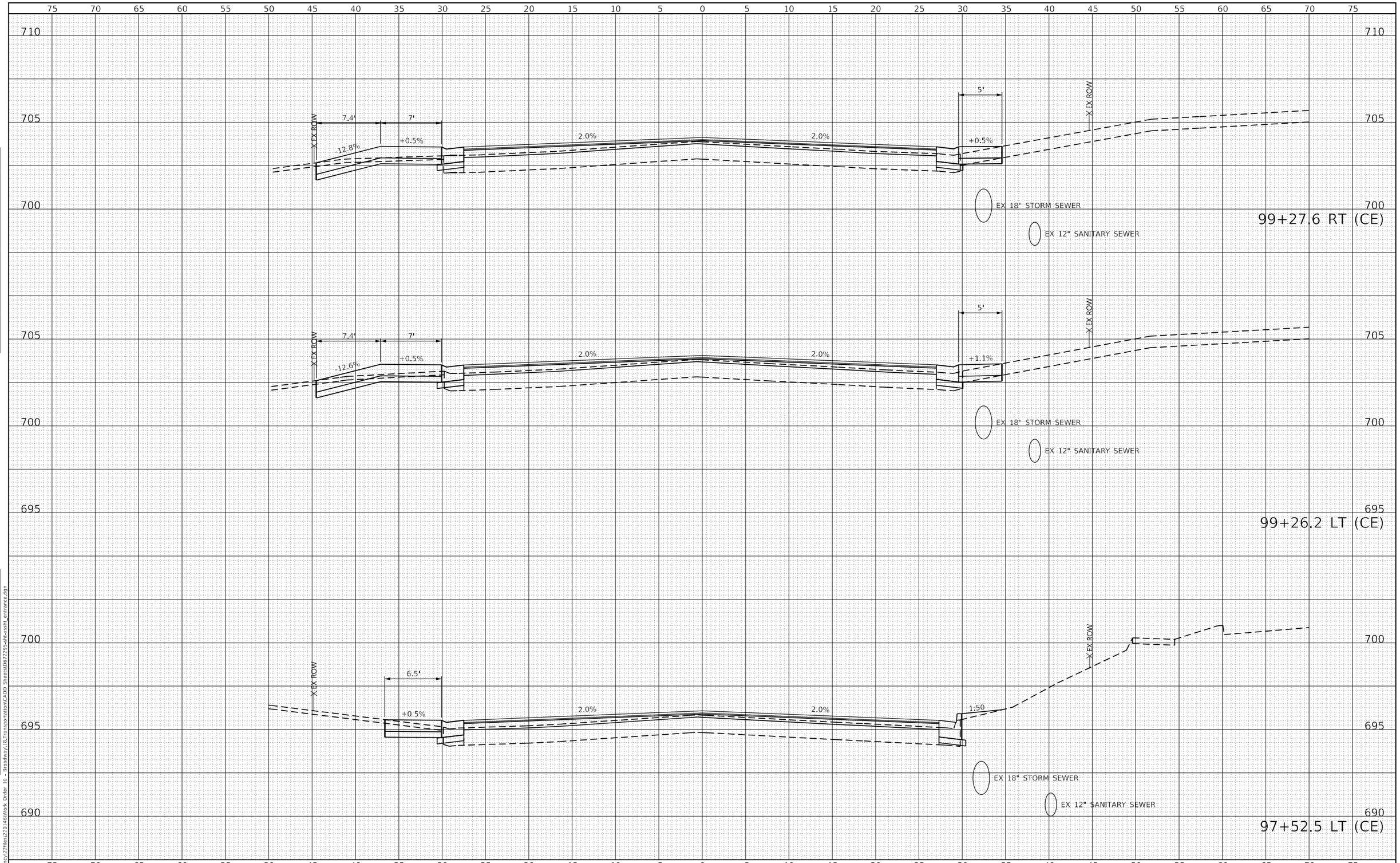
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	231
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR.BDR

FINAL SURVEY | NOTE BOOK | NO. | BY | DATE | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

ORIGINAL SURVEY | NOTE BOOK | NO. | BY | DATE | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

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PLOT DATE = 12/23/2025	DATE -	REVISED -

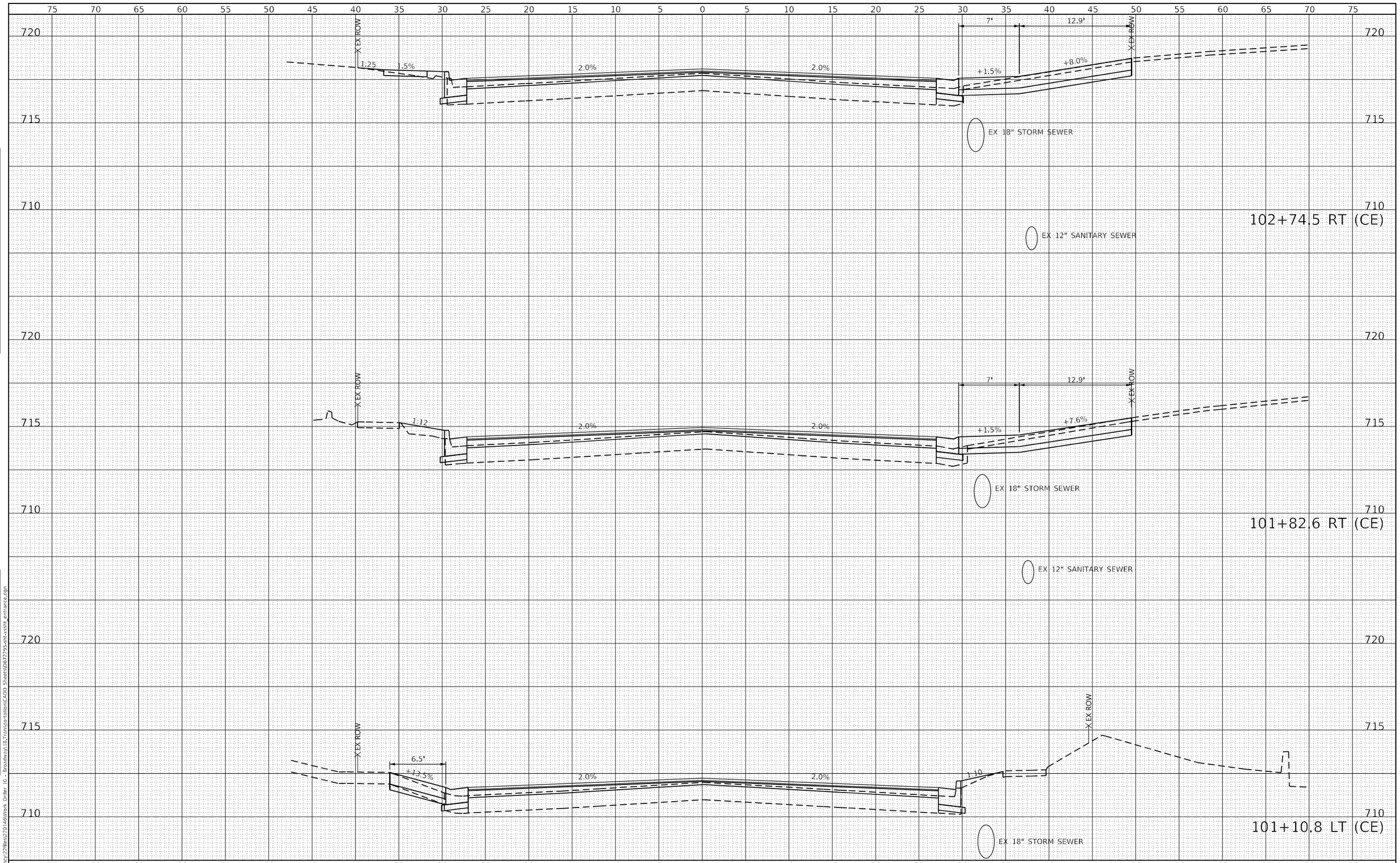
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 3 OF 11 SHEETS | STA. 97+52.5 | TO STA. 99+27.6

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	232
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
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AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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PLOT DATE = 12/23/2025	DATE -	REVISED -

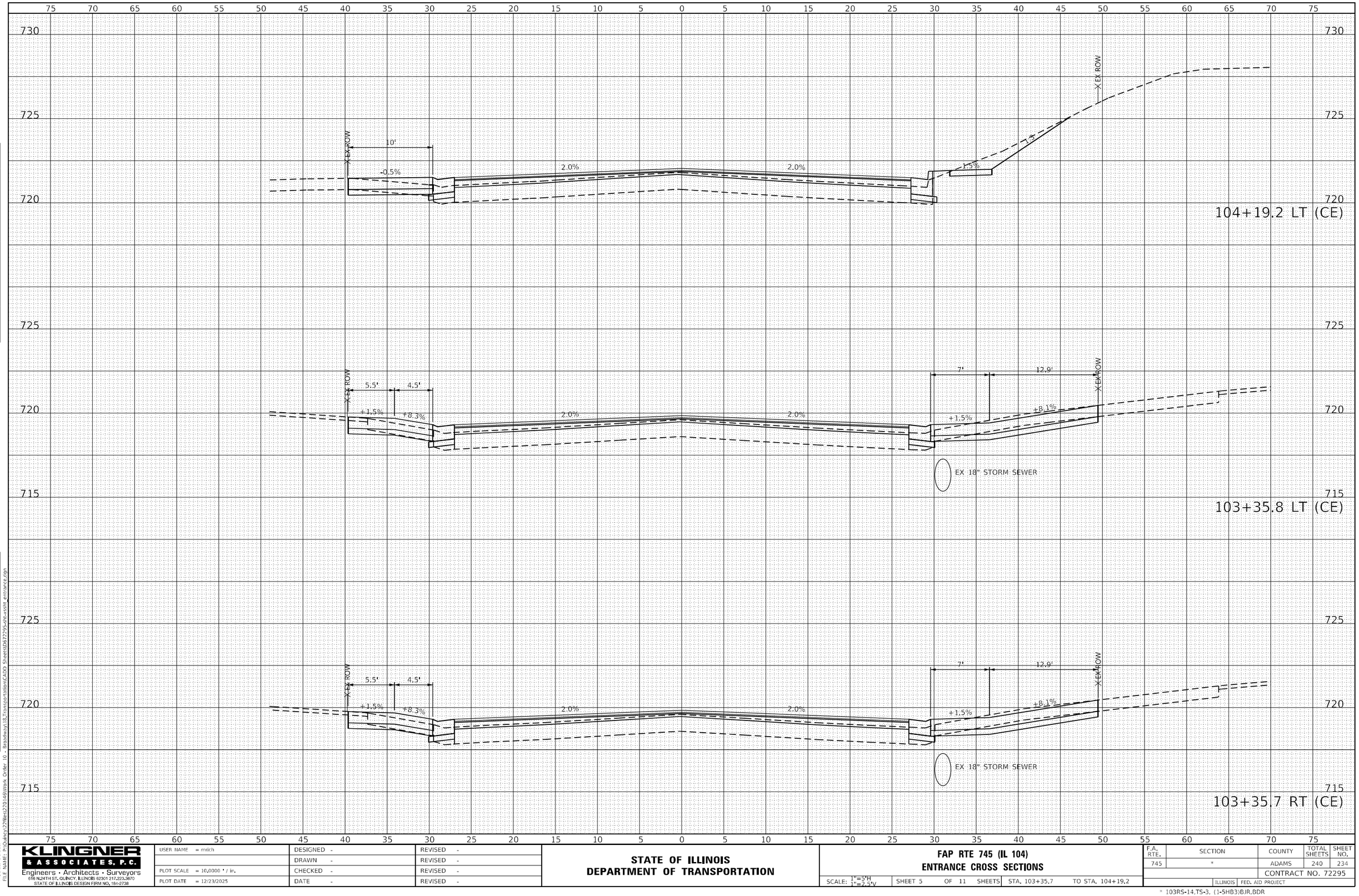
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H 1"=2.5'V | SHEET 4 OF 11 SHEETS | STA. 101+10.8 | TO STA. 102+74.5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	233
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3. (1-5HB3)BJR.BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	BY
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	DATE
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	BY
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	DATE
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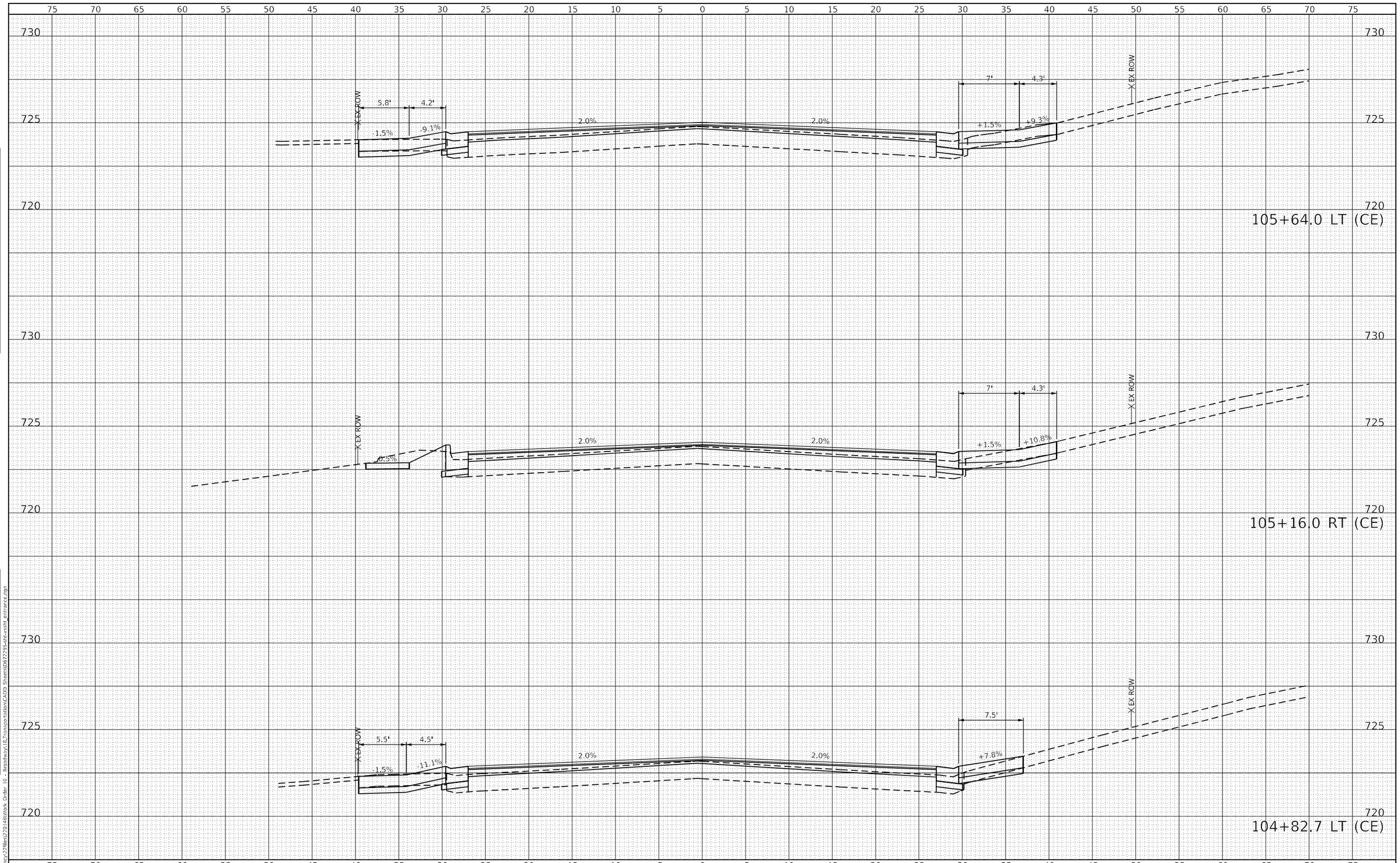
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 5 OF 11 SHEETS | STA. 103+35.7 TO STA. 104+19.2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	234
		CONTRACT NO. 72295		
		ILLINOIS	FED. AID PROJECT	

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED	BY	
BY	DATE	

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED	BY	
BY	DATE	

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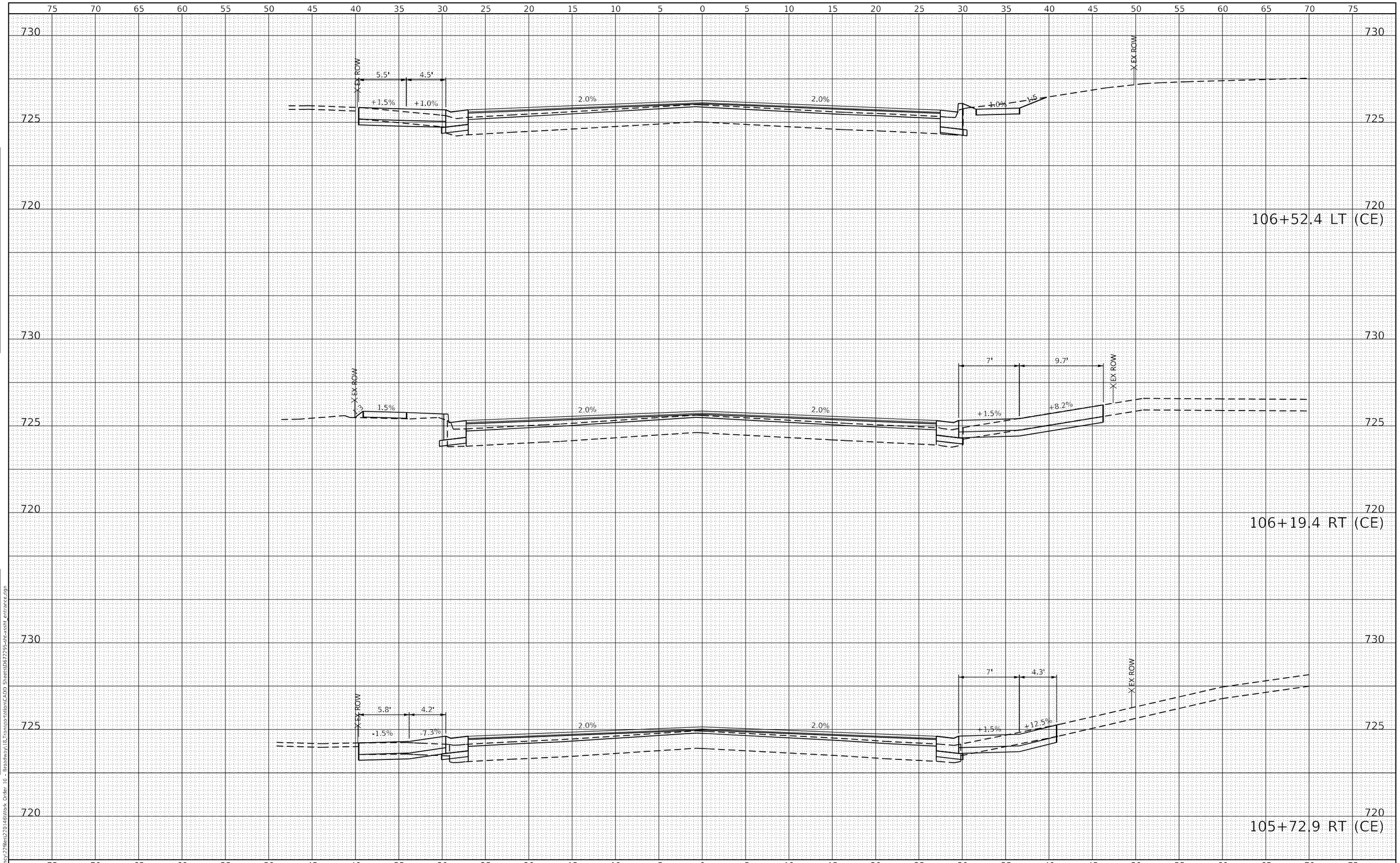
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 6 OF 11 SHEETS | STA. 104+82.7 | TO STA. 105+64.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	235
		CONTRACT NO. 72295		
	ILLINOIS FED. AID PROJECT			

* 103RS-14,TS-3, (1-5HB3)BJR.BDR



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
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AREAS				
AREAS CHECKED				

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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
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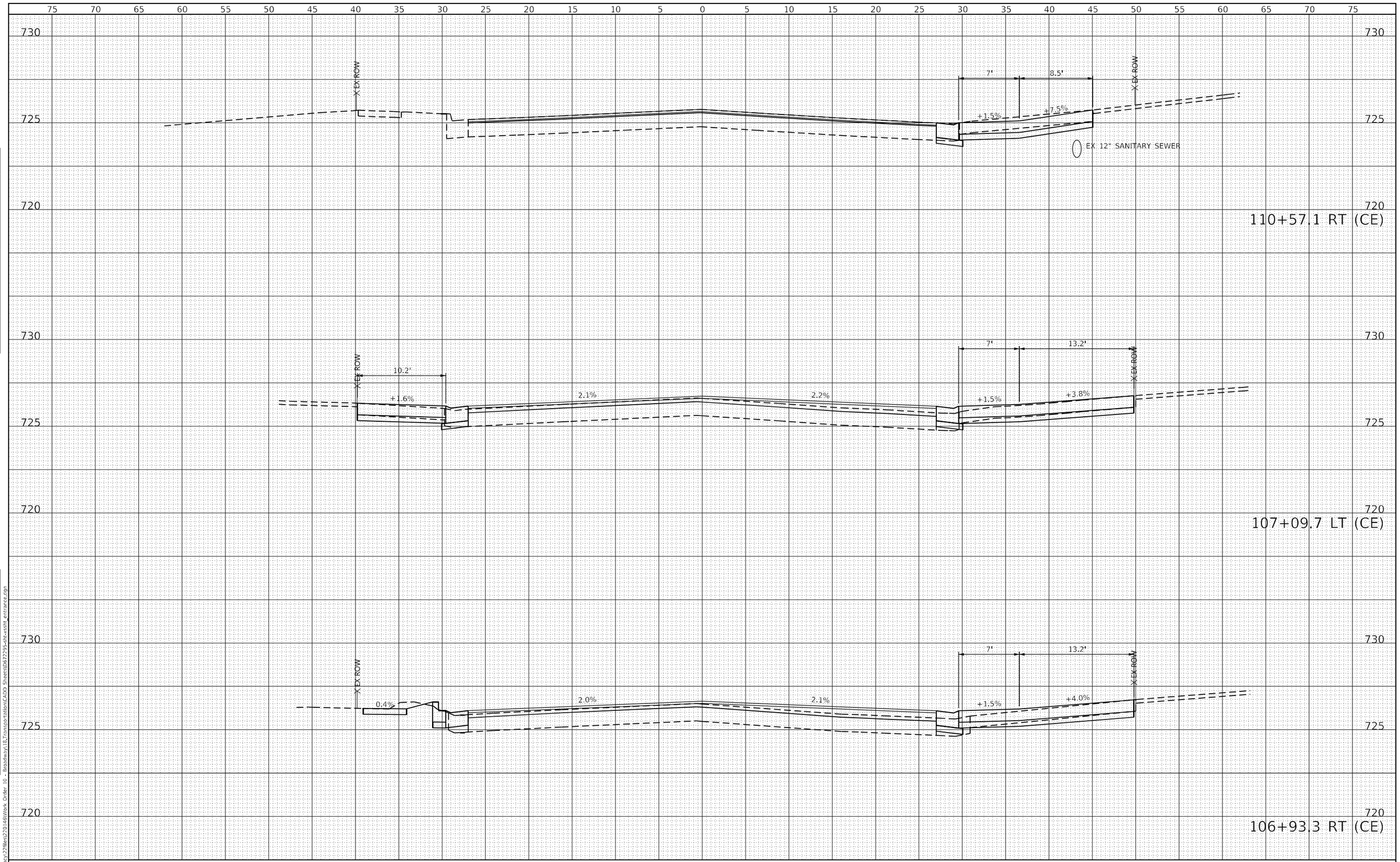
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 7 OF 11 SHEETS | STA. 105+72.9 TO STA. 106+52.4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	236
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED		
BY		
DATE		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED		
BY		
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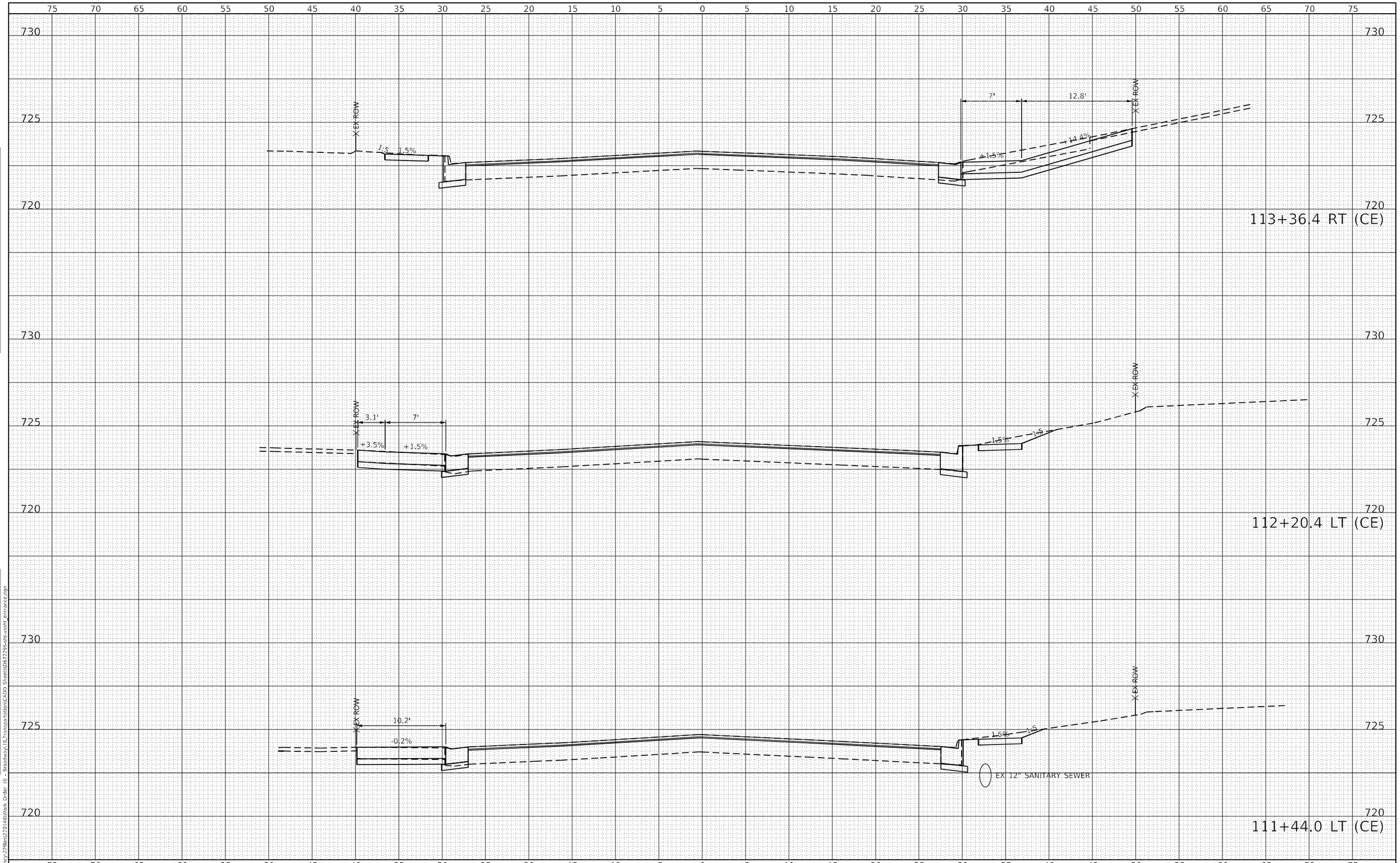
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 8 OF 11 SHEETS | STA. 106+93.3 TO STA. 110+57.1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	237
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	
BY		
DATE		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	
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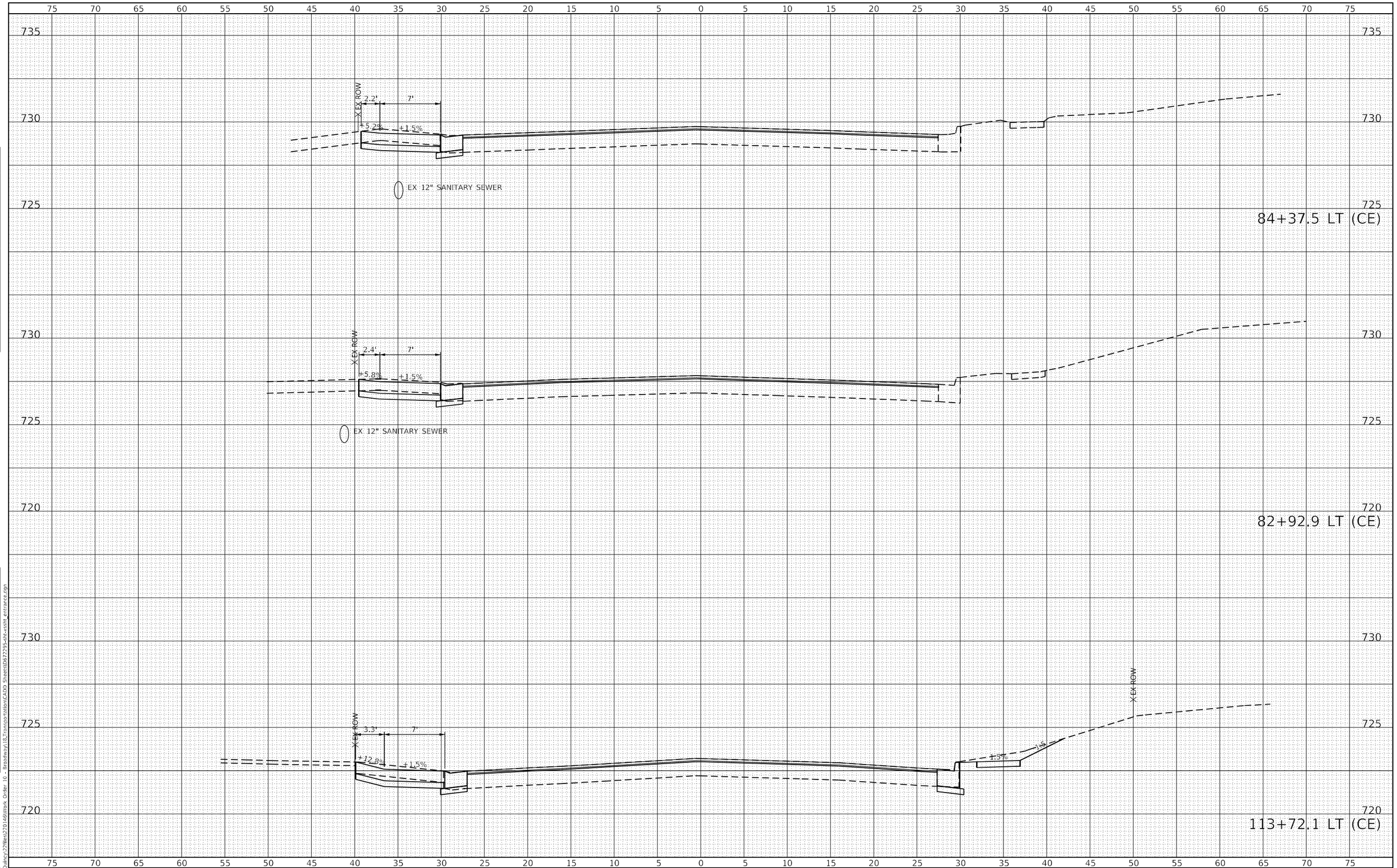
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 9 OF 11 SHEETS | STA. 111+44.0 | TO STA. 113+36.4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	238
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14.TS-3, (1-5HB3)BJR.BDR



FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
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ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

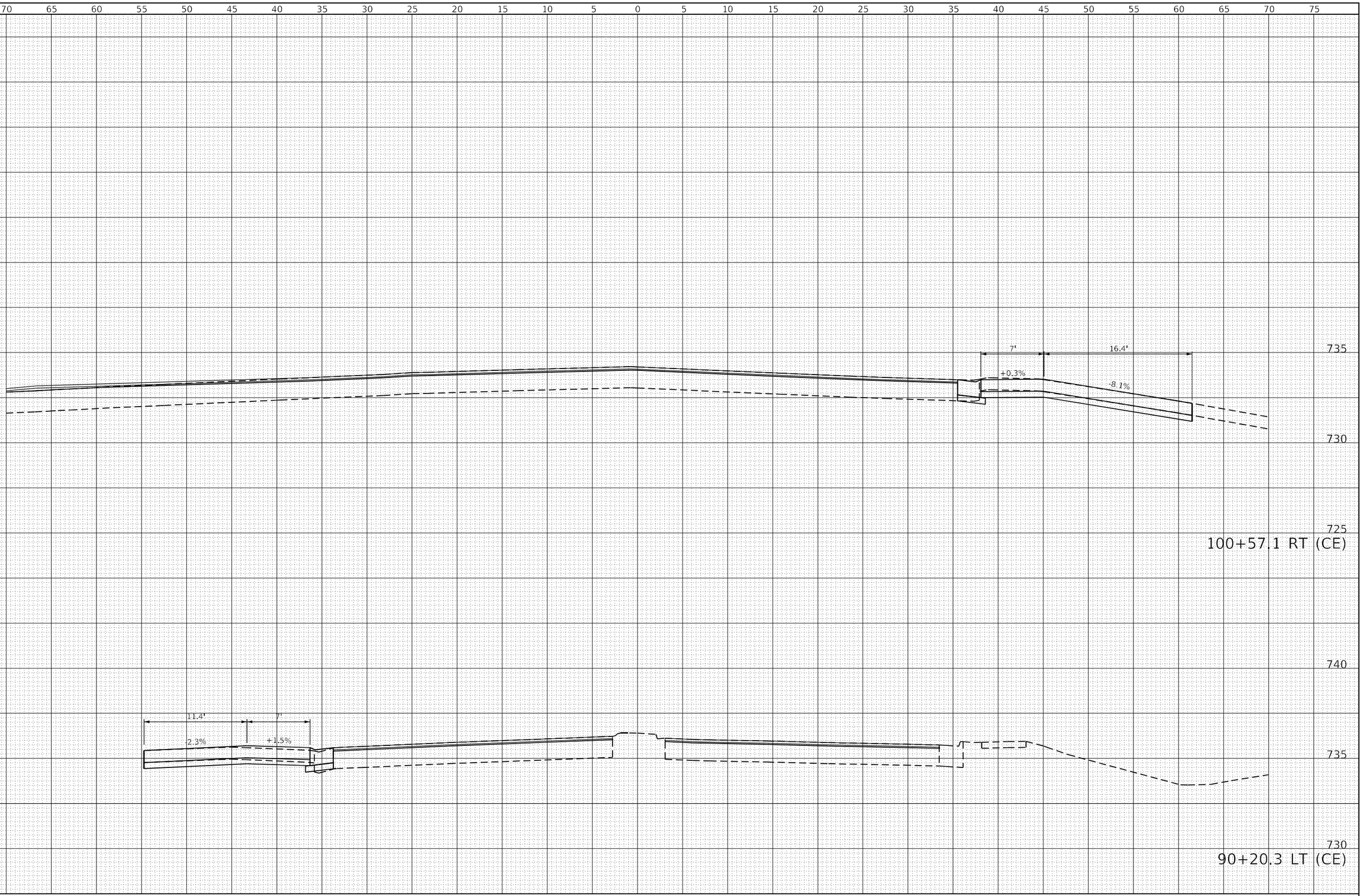
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 10 OF 11 SHEETS | STA. 113+72.1 | TO STA. 84+37.5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	239
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

DATE	BY

MODEL: Default
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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.2870
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = mrich	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/23/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
ENTRANCE CROSS SECTIONS

SCALE: 1"=5'H, 1"=2.5'V | SHEET 11 OF 11 SHEETS | STA. 90+20.3 | TO STA. 100+57.1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	*	ADAMS	240	240
		CONTRACT NO. 72295		
	ILLINOIS	FED. AID PROJECT		

* 103RS-14,TS-3, (1-5HB3)BJR,BDR