F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171 *	1
	ILLINOIS	CONTRACT NO. 72K42		

* 171 + 1 = 172 TOTAL SHEETS

D-96-027-18

FOR INDEX OF SHEETS, SEE SHEET NO. 2

08-01-2025 LETTING ITEM 047

ERIC B. BARNES 062-052141 LICENSED PROFESSIONAL ENGINEER ILLINOIS

ERIC B. BARNES 5/16/25 DATE

REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-052141
LICENSE EXPIRES NOVEMBER 30, 2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 745 (IL 104)
SECTION 103Z,RS–4, TS–1,SW
PROJECT NHPP–K17T(879)
RESURFACING (3P), INTERSECTION AND ADA IMPROVEMENTS
ADAMS COUNTY

DESIGN DESIGNATION
IL 104: OTHER PRINCIPAL ARTERIAL
12TH TO 16TH
ADT: 22,100 (2023) MU: 1.13%, SU: 2.04%, PV: 96.83%
16TH TO 18TH
ADT: 22,200 (2023) MU: 1.35%, SU: 2.36%, PV: 96.28%
18TH TO 24TH
ADT: 22,700 (2023) MU: 0.95%, SU: 1.21%, PV: 97.84%
24TH TO 30TH
ADT: 24,800 (2023) MU: 0.77%, SU: 1.21%, PV: 98.02%
30TH TO 36TH
ADT: 23,000 (2023) MU: 1.41%, SU: 2.07%, PV: 96.52%
36TH TO 38TH
ADT: 20,000 (2023) MU: 1.75%, SU: 2.88%, PV: 95.38%

BEGIN RESURFACING OMISSION
STA. 5 + 35.00 (IL 104)

C-96-046-18

END RESURFACING IMPROVEMENT
STA. 70 + 59.00 (IL 104)

STATION EQUATION
STA. 182 + 92.71 BK =
STA. 0 + 00.00 AH

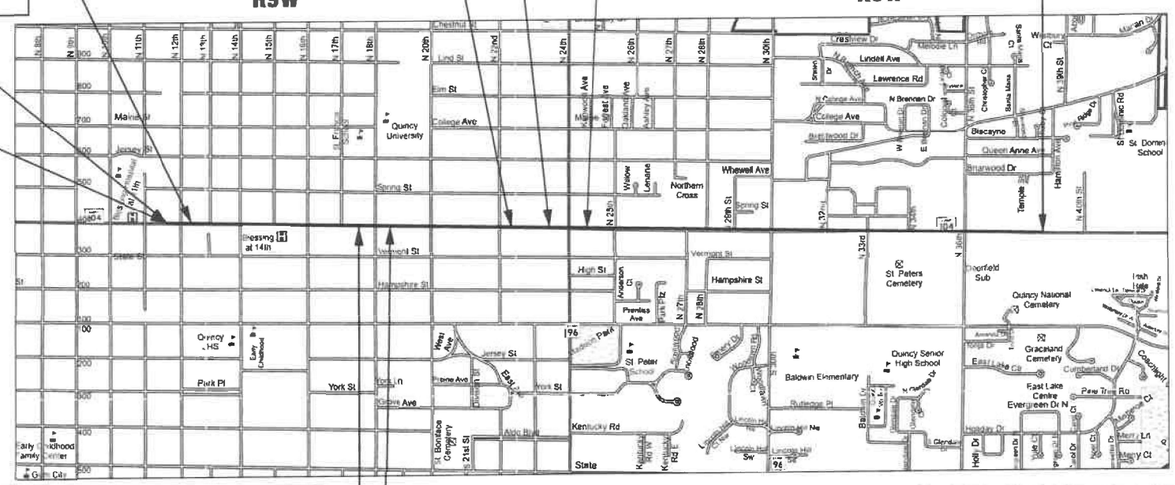
END RESURFACING OMISSION
STA. 11 + 64.00 (IL 104)

END RESURFACING OMISSION
STA. 140 + 26.00 (IL 104)

BEGIN IMPROVEMENT
STA. 135 + 78.00 (IL 104)

BEGIN RESURFACING OMISSION
STA. 135 + 78.00 (IL 104)

R9W R8W T2S



N

LOCATION OF SECTION INDICATED THUS: -

100' 200' 300' — 1"= 100'
10' 20' 30' — 1"= 10'
50' 100' — 1"= 50'
50' 100' — 1"= 40'
50' 100' — 1"= 30'
50' 100' — 1"= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

BEGIN RESURFACING OMISSION
STA. 162 + 90.00 (IL 104)

END RESURFACING OMISSION
STA. 165 + 95.00 (IL 104)

LOCATION MAP
SCALE: 1" = 2000'
GROSS LENGTH = 11773.71 FT. = 2.230 MILES
NET LENGTH = 10839.71 FT. = 2.053 MILES

PROJECT ENGINEER: JONATHAN KELLEY (217-785-2739)
TEAM MANAGER: CHRISTOPHER SIEFERT (217-524-7940)

CONTRACT NO. 72K42

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
www.klingner.com
Quincy, Illinois
616 North 24th Street
217.223.3670
Hannibal, MO Burlington, IA
Galesburg, IL Pella, IA Columbia, MO
Davenport, IA Carbondale, IL
DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16 2025
REGIONAL ENGINEER
June 27 2025
ENGINEER OF DESIGN AND ENVIRONMENT
June 27 2025
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV - MS

INDEX OF SHEETS

STANDARDS

STANDARD NO.

000001-08	602306-03	604006-05	701701-10	729001-01	814006-03	877012-07
424001-12	602401-07	604051-04	701801-06	731001-01	838001-01	878001-11
424006-06	602402-03	604066-02	701901-10	780001-05	857001-01	880006-01
424011-05	602406-11	606001-08	720001-01	781001-04	862001-01	001001-02
424021-07	602601-06	606301-04	720006-04	782001-01	873001-02	001006
442101-09	602701-02	701427-05	720011-01	805001-01	876001-04	420001-10
602301-04	604001-05	701602-10	728001-01	814001-03	877011-10	420701-03
						442201-03
						821101-03
						836001-05

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. FOR INLETS AND MANHOLES CONSTRUCTED WITHIN THE CURB AND GUTTER, THE DISTANCE SHOWN ON THE PLANS IS FROM THE CENTERLINE OF CONSTRUCTION TO THE BACK OF CURB. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT EACH INLET OR MANHOLE, AT THE PROPER LOCATION, SO THAT THE FRAME MATCHES THE CURB LINE.
3. FOR ALL INLETS OR MANHOLES NOT CONSTRUCTED IN CONJUNCTION WITH THE CURBS AND GUTTER, THE DISTANCE SHOWN ON THE PLANS IS TO THE CENTER OF THE INLET OR MANHOLE.
4. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

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

IDOT DISTRICT 6 SHALL RETAIN POSSESSION OF:

1. EXISTING VIDEO DETECTION SYSTEMS
2. CABINET POWER SUPPLIES
3. SIGNAL CONTROLLERS
4. MALFUNCTION MONITOR UNITS
5. ETHERNET SWITCHES

CITY OF QUINCY SHALL RETAIN POSSESSION OF:

1 OR 2 MAST ARM POLES TO BE DETERMINED BY THE CITY.
CONTACT MIKE BOLL: 217-577-9280

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED March 19, 20 25
ENGINEER OF OPERATIONS

EXAMINED April 16, 20 25
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED April 16, 20 25
ENGINEER OF PROGRAM DEVELOPMENT

REV-SDK

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2025	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	103Z,RS-4, TS-1,SW	ADAMS	171	2
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
				ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
				NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
				20% STATE	10% STATE 10% CITY	20% STATE	
				URBAN	URBAN	URBAN	
20600110	GRANULAR EMBANKMENT, SPECIAL	TON	8	8			
20800150	TRENCH BACKFILL	CU YD	324	324			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	143	143			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20	20			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1359	1359			
35400520	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 12"	SQ YD	573	573			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48979	48979			
40600372	LONGITUDINAL JOINT SEALANT, HALF-WIDTH	FOOT	103918	103918			
40600405	MATERIAL TRANSFER DEVICE	TON	5567	5567			
40600990	TEMPORARY RAMP	SQ YD	1585	1585			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3152	3152			
40605022	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "D", N50	TON	6053	6053			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	98	98			
42000060	WELDED WIRE REINFORCEMENT	SQ YD	150	150			

REV - MS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
				ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
				NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
				20% STATE	10% STATE 10% CITY	20% STATE	
				URBAN	URBAN	URBAN	
42001300	PROTECTIVE COAT	SQ YD	3143	3143			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	125	125			
42400800	DETECTABLE WARNINGS	SQ FT	561	561			
44000100	PAVEMENT REMOVAL	SQ YD	590	590			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	67816	67816			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	122	122			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2609	2609			
44000600	SIDEWALK REMOVAL	SQ FT	17128	17128			
44003100	MEDIAN REMOVAL	SQ FT	365	365			
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	250	250			
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	50	50			
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	150	150			
44201299	DOWEL BARS 1 1/2"	EACH	1250	1250			
44201373	CLASS C PATCHES, TYPE I, 12 INCH	SQ YD	7	7			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
				ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
				NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
				20% STATE	10% STATE 10% CITY	20% STATE	
				URBAN	URBAN	URBAN	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	13	13			
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	52	52			
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	121	121			
44213200	SAW CUTS	FOOT	2000	2000			
44213204	TIE BARS 3/4"	EACH	50	50			
50800105	REINFORCEMENT BARS	POUND	40	40			
50900805	PEDESTRIAN RAILING	FOOT	53	53			
54248510	CONCRETE COLLAR	CU YD	0.9	0.9			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	158	158			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	8	8			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	44	44			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	52	52			
55100300	STORM SEWER REMOVAL 8"	FOOT	30	30			
55100500	STORM SEWER REMOVAL 12"	FOOT	136	136			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
				ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
				NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
				20% STATE	10% STATE 10% CITY	20% STATE	
				URBAN	URBAN	URBAN	
55100900	STORM SEWER REMOVAL 18"	FOOT	29	29			
55101200	STORM SEWER REMOVAL 24"	FOOT	23	23			
55101600	STORM SEWER REMOVAL 36"	FOOT	62	62			
56109210	WATER VALVES TO BE ADJUSTED	EACH	21	21			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1			
60219500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 15 FRAME AND LID	EACH	2	2			
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2			
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1			
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1	1			
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	1			
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID	EACH	4	4			
60255500	MANHOLES TO BE ADJUSTED	EACH	16	16			
60260100	INLETS TO BE ADJUSTED	EACH	19	19			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
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					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
	60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1			
	60500060	REMOVING INLETS	EACH	13	13			
	60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	45	45			
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1427	1427			
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1845	1845			
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	152	152			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	749	749			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	11	11			
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
	67100100	MOBILIZATION	L SUM	1	1			
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			

* 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 -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 5 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	7
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	50			
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1004	1004			
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1			
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	192	192			
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	10	10			
*	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	1991	1991			
*	78004625	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 5"	FOOT	29755	29755			
*	78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	8193	8193			
*	78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	384	384			
*	78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 12"	FOOT	1116	1116			
*	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	820	820			
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	359	359			

* SPECIALTY ITEM

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Engineers • Architects • Surveyors
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 6 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	8
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	2727	2727			
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2985	2985			
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	432	432			
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	2007	2007			
*	78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	29755	29755			
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	8314	8314			
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	384	384			
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1116	1116			
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	888	888			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1082	1082			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1082	1082			
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3876	3876			
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	5		4	1	
*	81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	275		220	55	

* 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 7 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	9
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	521		310	211	
*	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	443	400	43		
*	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	950		820	130	
*	81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	123		123		
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	608		489	119	
*	81400100	HANDHOLE	EACH	18		15	3	
*	81400300	DOUBLE HANDHOLE	EACH	5		4	1	
*	81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	440	440			
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4006		3212	794	
*	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	20		16	4	
*	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	6	6			
	84200804	REMOVAL OF POLE FOUNDATION	EACH	1	1			
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5		4	1	
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	5		4	1	

* 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 -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 8 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	10
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	5		4	1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	6455		5171	1284	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6563		5191	1372	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9876		7802	2074	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4599		3664	935	
*	87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	4141		3310	831	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	184		147	37	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6060		4540	1520	
*	87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	12		9	3	
*	87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	10		8	2	
*	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1		1		
*	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1		1		
*	87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1		1		
*	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	4		4		

* SPECIALTY ITEM

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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PLOT DATE = 5/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 9 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	11
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1		1		
*	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1		1		
*	87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2		2		
*	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1			1	
*	87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1			1	
*	87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	1		1		
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18		15	3	
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	15		12	3	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	145		145		
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	86		42	44	
*	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	14		12	2	
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	34		27	7	
*	88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	18		14	4	
*	88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	19		14	5	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 10 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	12
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	27		21	6	
*	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1		1		
*	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	40		32	8	
*	88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	113		89	24	
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	5		4	1	
	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	5		5		
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	5		4	1	
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	440	440			
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5		5		
	89502380	REMOVE EXISTING HANDHOLE	EACH	17		17		
	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	5		5		
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	32		32		
	Z0001110	GAS VALVE TO BE ADJUSTED	EACH	5	5			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	5		4	1	
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	126	126			
	Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	40	40			
	X0323117	LANDSCAPING GRAVEL	SQ YD	28	28			
*	X0326812	CAT 5 ETHERNET CABLE	FOOT	340			340	
	X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	24	24			
	X1400174	REMOVE AND REINSTALL EXISTING CCTV CAMERA AND EQUIPMENT	L SUM	1		1		
	X1800024	DECORATIVE STONE	SQ FT	595	595			
*	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	26	26			
	X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	15753	15753			
	X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SPECIAL)	SQ FT	1328	1328			
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4235	4235			
	X5091770	HANDRAIL REMOVAL	FOOT	53	53			
	X5630405	REMOVE EXISTING WATER VALVE	EACH	60	60			

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
	X6020076	INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	EACH	4	4			
	X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1			
	X6024240	INLETS (SPECIAL)	EACH	3	3			
	X6026108	INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	9	9			
	X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	256	256			
*	X7200053	REMOVE, STORE AND RE-ERECT SIGN PANEL (SPECIAL)	EACH	50	50			
*	X8130120	RELOCATE EXISTING JUNCTION BOX	EACH	1	1			
*	X8130130	JUNCTION BOX TO BE ADJUSTED	EACH	3	3			
*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	3		3		
*	X8140116	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1		1		
*	X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	1	1			
*	X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	9555		6468	3087	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	42		34	8	
*	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	5		4	1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 13 OF 14 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	15
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					PPS: 6-00471-0000	PPS: 6-00471-0100	PPS: 6-00471-0100	
					ROADWAY 0005	SIGNALS 0021	SIGNALS 0021	
					NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	NHPP FUNDING 80% FED	
					20% STATE	10% STATE 10% CITY	20% STATE	
					URBAN	URBAN	URBAN	
*	X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	5		4	1	
	X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	5		5		
	X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	8809		8809		
Ø	Z0076600	TRAINEES	HOUR	2500	2500			
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500	2500			

* SPECIALTY ITEM Ø 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 14 OF 14 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	16

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

BASE COURSE SCHEDULE

LOCATION		QUADRANT/ SIDE	PCC BASE COURSE WIDENING 12"	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)
			35400520	40800050	40600290
			SQ YD	TON	POUND
IL 104					
141+29.9	141+37.8	RT	5.6	0.7	2.5
13TH ST					
		NW	10.7	1.4	4.8
14TH ST					
		SW	19.2	2.4	8.6
		SE	14.1	1.8	6.4
		NW	11.3	1.4	5.1
		NE	10.8	1.4	4.9
16TH ST					
		SW	18.3	2.3	8.2
		SE	15.5	2.0	7.0
		NW	18.5	2.3	8.3
		NE	16.7	2.1	7.5
17TH ST					
		NW	12.5	1.6	5.6
		NE	10.4	1.3	4.7
20TH ST					
		SW	11.7	1.5	5.3
		SE	17.6	2.2	7.9
		NW	11.5	1.5	5.2
		NE	13.7	1.7	6.2
22ND ST					
		SW	17.2	2.2	7.7
		NW	9.4	1.2	4.2
		NE	12.6	1.6	5.7
25TH ST					
		SW	16.6	2.1	7.5
		SE	14.1	1.8	6.4
		NW	13.3	1.4	5.1
		NE	12.2	1.5	5.5
28TH ST					
		NW	14.3	1.8	6.5
		NE	12.3	1.5	5.5
29TH ST					
		NW	12.3	1.6	5.6
		NE	10.9	1.4	4.9
30TH ST					
		SW	38.0	4.8	17.1
		SE	28.3	3.6	12.7
		NW	13.1	1.7	5.9
		NE	10.7	1.3	4.8
32ND ST					
		NW	9.6	1.2	4.3
		NE	11.8	1.5	5.3
33RD ST					
		SW	5.8	0.7	2.6
		SE	18.6	2.3	8.4
		NW	7.9	1.0	3.6
		NE	3.8	0.5	1.7
36TH ST					
		NW	7.0	0.9	3.2
		NE	9.5	1.2	4.3
36TH ST MEDIAN					
		LT	26.3	3.3	11.8
		RT	19.3	2.4	8.7
TOTALS			573.0	72.1	257.2
USE			573	73	258

PAVING SCHEDULE

LOCATION		SIDE	AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT)	POLY HMA BINDER CSE IL-4.75 N50	POLY SURF CSE SMA 9.5 D N50	MATERIAL TRANSFER DEVISE
				40600290	40603200	40605022	40600405
				POUND	TON		
IL 104							
140+26.0	162+90.0	LT/RT	14087.1	9508.8	591.7	1183.3	1183.3
165+95.0	182+92.7	LT/RT	10563.5	7130.4	443.7	887.3	887.3
0+00.0	5+35.0	LT/RT	3328.9	2247.0	139.8	279.6	279.6
11+64.0	70+59.0	LT/RT	38294.1	25848.5	1618.7	3216.7	3216.7
13TH ST							
10+27.5	10+58.0	LT/RT	134.3	90.7	5.6	11.3	
14TH ST							
9+48.0	9+71.5	LT/RT	97.4	65.8	4.1	8.2	
10+27.5	10+53.0	LT/RT	115.4	77.9	4.8	9.7	
15TH ST							
10+28.0	10+49.0	LT/RT	98.4	66.4	4.1	8.3	
16TH ST							
9+31.0	9+72.0	LT/RT	148.3	100.1	6.2	12.5	
10+28.0	10+78.0	LT/RT	218.7	147.6	9.2	18.4	
17TH ST							
10+28.0	10+53.0	LT/RT	113.5	76.6	4.8	9.5	
20TH ST							
9+33.0	9+72.5	LT/RT	159.5	107.7	17.0	13.4	
10+28.5	10+56.0	LT/RT	108.5	73.2	4.6	9.1	
22ND ST							
9+32.0	9+72.0	LT/RT	143.5	96.9	6.0	12.1	
10+28.0	10+52.0	LT/RT	89.7	60.6	3.8	7.5	
25TH ST							
9+38.0	9+73.5	LT/RT	145.6	98.3	6.1	12.2	
10+28.0	10+60.0	LT/RT	163.9	110.6	6.9	13.8	
28TH ST							
10+27.0	10+59.0	LT/RT	156.7	105.8	6.6	13.2	
29TH ST							
10+27.0	10+51.0	LT/RT	77.7	52.5	3.3	6.5	
30TH ST							
8+24.0	9+52.0	LT/RT	910.1	614.3	137.6	76.4	
10+24.0	11+68.0	LT/RT	1253.3	846.0	58.3	105.3	
32ND ST							
10+27.5	10+45.0	LT/RT	100.3	67.7	4.2	8.4	
33RD ST							
9+57.6	9+72.2	LT/RT	143.2	96.7	6.0	12.0	
10+27.6	10+68.5	LT/RT	344.9	232.8	14.5	29.0	
36TH ST							
10+37.5	11+33.0	LT/RT	1053.8	711.3	44.3	88.5	
TOTALS				48634.2	3151.9	6052.2	5566.9
USE				48635	3152	6053	5567

HMA SURFACE REMOVAL SCHEDULE

LOCATION		SIDE	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, VARIABLE DEPTH
			44000158	X4401198
			SQ YD	SQ YD
IL 104				
140+26.0	162+90.0	LT/RT	14087.1	
165+95.0	182+92.7	LT/RT	10563.5	
0+00.0	5+35.0	LT/RT	3328.9	
11+64.0	70+59.0	LT/RT	38294.1	
13TH ST				
10+27.5	10+58.0	LT/RT		134.3
14TH ST				
9+48.0	9+71.5	LT/RT		97.4
10+27.5	10+53.0	LT/RT		115.4
15TH ST				
10+28.0	10+49.0	LT/RT		98.4
16TH ST				
9+31.0	9+72.0	LT/RT		148.3
10+28.0	10+78.0	LT/RT		218.7
17TH ST				
10+28.0	10+53.0	LT/RT		113.5
20TH ST				
9+33.0	9+72.5	LT/RT		159.5
10+28.5	10+56.0	LT/RT		108.5
22ND ST				
9+32.0	9+72.0	LT/RT		143.5
10+28.0	10+52.0	LT/RT		89.7
25TH ST				
9+38.0	9+73.5	LT/RT		145.6
10+28.0	10+60.0	LT/RT		163.9
28TH ST				
10+27.0	10+59.0	LT/RT		156.7
29TH ST				
10+27.0	10+51.0	LT/RT		77.7
30TH ST				
8+24.0	9+52.0	LT/RT		910.1
10+24.0	11+68.0	LT/RT		1253.3
32ND ST				
10+27.5	10+45.0	LT/RT		100.3
33RD ST				
9+57.6	9+72.2	LT/RT	143.2	
10+27.6	10+68.5	LT/RT	344.9	
36TH ST				
10+37.5	11+33.0	LT/RT	1053.8	
TOTALS			67815.5	4234.8
USE			67816	4235

MISCELLANEOUS PAVING ITEMS

ITEM	DESCRIPTION	UNIT	TOTALS
40600990	TEMPORARY RAMP	SQ YD	1585
40600372	LONGITUDINAL JOINT SEALANT, HALF WIDTH	FOOT	103918

*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.

DECORATIVE STONE SCHEDULE

LOCATION	QUADRANT	DECORATIVE STONE
		X1800024
		SQ FT
13TH ST		
	NW	48.1
20TH ST		
	SW	69.5
25TH ST		
	SE	139.4
28TH ST		
	NW	102.4
29TH ST		
	NW	76.1
	NE	35.4
30TH ST		
	SE	118.1
32ND ST		
	NW	6.0
TOTAL		595.0
USE		595

EROSION CONTROL SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20

*THE SCHEDULE FOR EROSION CONTROL 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.

LIGHT POLE RELOCATION SCHEDULE

LOCATION		SIDE	OFFSET	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	LIGHT POLE FOUNDATION, 30" DIAMETER	REMOVAL OF POLE FOUNDATION	REMOVE ELECTRIC CABLE FROM CONDUIT
				X8440110	81028360	81702415	83600300	84200804	89502300
				EACH	FOOT	FOOT	FOOT	EACH	FOOT
14TH ST									
9+54.7		RT	32.2	1				1	440
9+62.1		RT	32.5		400	440	6		
TOTAL				1	400	440	6	1	440

MODEL: Default
FILE NAME: P:\Quincy\22files\20146\Work Order 04 - Broadway\18.Transportation\CADD Sheets\D672K42-4th Schedule.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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 1 OF 8 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	17
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

PAVEMENT REMOVAL SCHEDULE

LOCATION		QUADRANT/ SIDE	PAVEMENT REMOVAL
			44000100
			SQ YD
IL 104			
141+29.0	141+54.0	RT	5.6
13TH ST			
		NW	12.3
14TH ST			
		SW	20.4
		SE	12.6
		NW	13.1
		NE	11.5
16TH ST			
		SW	17.0
		SE	15.2
		NW	20.7
		NE	16.9
17TH ST			
		NW	13.0
		NE	10.2
20TH ST			
		SW	13.3
		SE	18.2
		NW	12.4
		NE	13.9
22ND ST			
		SW	19.2
		NW	10.3
		NE	14.3
24TH ST			
		NE	12.0
25TH ST			
		SW	15.8
		SE	12.1
		NW	14.3
		NE	12.6
28TH ST			
		NW	17.5
		NE	14.1
29TH ST			
		NW	17.0
		NE	12.1
30TH ST			
		SW	35.1
		SE	22.8
		NW	16.6
		NE	11.5
32ND ST			
		NW	7.3
		NE	11.6
33RD ST			
		SW	5.7
		SE	18.5
		NW	7.9
		NE	3.8
36TH ST			
		NW	7.0
		NE	9.9
36TH ST MEDIAN			
		LT	18.5
		RT	15.5
TOTALS			589.3
USE			590

PCC SIDEWALK SCHEDULE

LOCATION		QUADRANT/ SIDE	PCC SIDEWALK 4" (SPECIAL)	PCC SIDEWALK 8" (SPECIAL)	DETECTABLE WARNINGS	CONCRETE CURB, TY B (SPECIAL)	LANDSCAPING GRAVEL
			X4240420	X4240460	42400800	X6061005	X0323117
			SQ FT	SQ FT	SQ FT	FOOT	SQ YD
IL 104							
13TH ST							
		NW	338.8		13.0		5.5
14TH ST							
		SW	355.4		20.6		
		SE	457.8		20.9		
		NW	278.5		10.0		
		NE	256.1		8.0		
16TH ST							
		SW	694.9		10.0		
9+19.9	9+35.6	SE	78.0				
9+35.6	9+69.7	SE		327.3	10.0	49.3	
		NW	327.4		10.0		
		NE	362.4		10.0		
17TH ST							
		NW	269.0		15.4		3.7
		NE	238.9		14.1		1.6
20TH ST							
		SW	259.1		10.0		
		SE	664.9		10.0		
		NW	518.7		27.2		
		NE	404.3		10.0		
22ND ST							
		SW	256.1		10.0		
		NW	280.4		10.0		
		NE		369.4	8.0	48.8	
24TH ST							
		SW	305.9		10.0		
		SE	363.4		10.0		
		NE	252.1		10.0		
25TH ST							
		SW	572.4		20.0		
		SE		630.7	20.0	95.1	
		NW	437.0		21.5		
		NE	340.1		10.0		
28TH ST							
		NW	422.7		10.0	62.7	6.3
		NE	505.6		10.0		
29TH ST							
		NW	325.0		13.1		8.8
		NE	259.2		13.4		1.7
30TH ST							
		SW	1067.6		25.6		
		SE	819.1		22.5		
		NW	386.6		20.0		
		NE	352.2		10.0		
32ND ST							
		NW	113.8		12.7		
		NE	246.0		12.8		
33RD ST							
		SW	679.9		10.0		
		SE	456.0		10.0		
		NW	191.8		10.0		
		NE	142.9		10.0		
36TH ST							
		SW	568.6		11.8		
		SE	185.2		10.0		
		NW	235.4		10.0		
		NE	309.5		10.0		
36TH ST MEDIAN							
		LT	93.4				
		RT	80.0				
TOTALS			15752.1	1327.4	560.6	255.9	27.6
USE			15753	1328	561	256	28

PCC DRIVEWAY SCHEDULE

LOCATION	SIDE	PCC DRIVEWAY PAVEMENT 8"
		42300400
		SQ YD
14TH ST		
9+40.1	LT	57.8
20TH ST		
9+38.4	LT	4.3
22ND ST		
9+41.9	LT	62.9
TOTAL		125.0
USE		125

DRIVEWAY REMOVAL SCHEDULE

LOCATION	SIDE	DRIVEWAY PAVEMENT REMOVAL
		4400200
		SQ YD
14TH ST		
9+40.1	LT	53.3
20TH ST		
9+38.4	LT	3.1
22ND ST		
9+41.9	LT	65.5
TOTAL		121.9
USE		122

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION		SIDE	2-WAY AMBER	1-WAY AMBER	1-WAY CRYSTAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
			78100100			78300200
			EACH			EACH
IL 104						
135+78.0	70+59.0	LT/RT	520	248	314	1082
TOTALS			1082			1082

*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.

PEDESTRIAN RAILING SCHEDULE

LOCATION	QUADRANT	PEDESTRIAN RAILING	HANDRAIL REMOVAL
		50900805	X5091770
		FOOT	FOOT
36TH ST			
	SW	53.0	52.7
TOTALS		53	53

TOPSOIL SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	143

*THE SCHEDULE FOR TOPSOIL 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 SCHEDULE

LOCATION	QUADRANT/ SIDE	60603500 COMBINATION CONCRETE CURB AND GUTTER TY B-6.06 FOOT	60603800 COMBINATION CONCRETE CURB AND GUTTER TY B-6.12 FOOT	60605000 COMBINATION CONCRETE CURB AND GUTTER TY B-6.24 FOOT	31101200 SUBBASE GRANULAR MATERIAL TY B 4" SQ YD
IL 104					
141+29.0 141+54.0	RT		25.0		11.4
13TH ST					
	NW		45.1		21.1
14TH ST					
	SW		83.2		38.4
	SE		60.5		28.1
	NW		47.7		22.3
	NE		45.6		21.3
16TH ST					
	SW		79.2		36.6
	SE		66.5		30.9
	NW		80.0		37.0
	NE		72.2		33.4
17TH ST					
	NW		52.9		24.7
	NE		43.6		20.5
20TH ST					
	SW		39.6		18.7
	SE		76.1		35.2
	NW		48.6		22.7
	NE		58.7		27.3
22ND ST					
	SW		74.3		34.4
	NW		38.9		18.3
	NE		53.5		24.9
24TH ST					
	SW			54.0	18.7
	SE			81.7	28.2
	NE			44.1	15.2
25TH ST					
	SW			70.3	41.0
	SE			58.7	34.5
	NW			55.0	32.4
	NE			50.1	30.8
28TH ST					
	NW			59.8	35.1
	NE			50.4	29.8
29TH ST					
	NW			50.8	30.0
	NE			44.3	26.3
30TH ST					
	SW			166.5	95.3
	SE			122.6	70.5
	NW			56.0	32.4
	NE			45.8	26.5
32ND ST					
	NW			39.8	23.4
	NE			49.8	29.1
33RD ST					
	SW			28.3	15.6
	SE			90.6	49.8
	NW			32.7	19.2
	NE			15.7	9.2
36TH ST					
	SW			51.4	17.7
	SE			19.3	6.6
	NW			30.9	17.7
	NE			41.1	23.6
36TH ST MEDIAN					
	LT	25.8		50.0	52.0
	RT	18.9		39.9	40.9
TOTALS		44.7	1091.2	1499.6	1358.7
USE		45	1092	1500	1359

PATCHING SCHEDULE

LOCATION	SIDE	PLAN LABEL	WIDTH	44201373 CLASS C PATCHES TYPE I, 12" SQ YD	44201377 CLASS C PATCHES TYPE II, 12" SQ YD	44201381 CLASS C PATCHES TYPE III, 12" SQ YD	44201383 CLASS C PATCHES TYPE IV, 12" SQ YD	40800050 INCIDENTAL HMA SURFACING TON	40600290 BITUMINOUS MATERIALS (TACK COAT) POUND
IL 104									
145+76.3	LT	SS6	7.4			18.9		2.4	8.5
145+83.4	RT	SS4	8.8			15.8		2.0	7.1
159+53.4	LT	SS13	7.8			16.9		2.1	7.6
14+61.6	LT	SS18	7.6		7.1			0.9	3.2
26+53.3	LT	SS24	6.0		5.6			0.7	2.5
27+06.6	LT	SS25	4.8	3.6				0.5	1.6
30+75.1	LT	SS31	4.8	2.9				0.4	1.3
32ND ST									
10+27.1	LT/RT	SS37 & SS39	16.6				120.2	15.1	54.1
TOTALS				6.5	12.7	51.6	120.2	24.1	85.9
USE				7	13	52	121	25	86

ESTIMATED CC&G AND PATCHING SCHEDULE

LOCATION	TOTAL CURB REMOVAL AND REPLACEMENT FOOT	TOTAL PCC PATCHING SQ YD	INLET LID REPLACEMENT EACH
IL 104			
12TH ST TO 13TH ST	45.0	210.0	
13TH ST TO 14TH ST	50.0		
14TH ST TO 15TH ST	25.0		
15TH ST TO 16TH ST	35.0		1.0
16TH ST TO 17TH ST	5.0		
17TH ST TO 18TH ST	80.0	50.0	1.0
18TH ST TO 20TH ST	85.0	30.0	1.0
20TH ST TO 22ND ST			1.0
22ND ST TO 24TH ST	10.0	50.0	2.0
24TH ST TO 25TH ST	50.0	60.0	
25TH ST TO 28TH ST	60.0		1.0
28TH ST TO 30TH ST	70.0		
30TH ST TO 33RD ST	65.0		1.0
33RD ST TO 36TH ST	95.0	20.0	1.0
36TH ST TO 38TH ST	5.0	30.0	
TOTALS	680.0	450.0	9.0

ESTIMATED PATCHING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	250
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	50
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	150
42000060	WELDED WIRE REINFORCEMENT	SQ YD	150
44201299	DOWEL BARS 1 1/2"	EACH	1250
44213200	SAW CUTS	FOOT	2000
44213204	TIE BARS 3/4"	EACH	50
60603800	COMBINATION CONCRETE CURB AND GUTTER TY B-6.12	FOOT	325
60605000	COMBINATION CONCRETE CURB AND GUTTER TY B-6.24	FOOT	355
X6026108	INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	9

*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.

PROTECTIVE COAT SCHEDULE

DESCRIPTION	42001300 PROTECTIVE COAT SQ YD
PROTECTIVE COAT	
PCC DRIVEWAY PAVEMENT, 8 INCH	125
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	8
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	315
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	616
CONCRETE MEDIAN SURFACE, 4 INCH	17
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	1883
PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (SPECIAL)	179
TOTAL	3143

REV - MS

COMBINATION CURB AND GUTTER REMOVAL SCHEDULE

LOCATION	QUADRANT/ SIDE	COMBINATION CURB AND GUTTER REMOVAL
		44000500
		FOOT
IL 104		
141+29.0 141+54.0	RT	25.0
13TH ST		
	NW	44.1
14TH ST		
	SW	49.4
	SE	60.0
	NW	47.0
	NE	60.1
16TH ST		
	SW	78.2
	SE	66.0
	NW	78.5
	NE	70.7
17TH ST		
	NW	51.9
	NE	43.0
20TH ST		
	SW	41.6
	SE	74.9
	NW	47.1
	NE	57.4
22ND ST		
	SW	72.5
	NW	38.2
	NE	52.5
24TH ST		
	SW	54.0
	SE	81.7
	NE	44.1
25TH ST		
	SW	70.5
	SE	59.4
	NW	55.1
	NE	50.3
28TH ST		
	NW	59.1
	NE	50.2
29TH ST		
	NW	49.4
	NE	44.2
30TH ST		
	SW	166.7
	SE	123.6
	NW	55.7
	NE	45.6
32ND ST		
	NW	40.2
	NE	50.1
33RD ST		
	SW	28.2
	SE	90.3
	NW	32.6
	NE	15.7
36TH ST		
	SW	51.4
	SE	19.3
	NW	30.9
	NE	41.1
36TH ST MEDIAN		
	LT	81.8
	RT	59.1
TOTAL		2608.4
USE		2609

SIDEWALK REMOVAL SCHEDULE

LOCATION	QUADRANT/ SIDE	SIDEWAL REMOVAL
		44000600
		SQ FT
IL 104		
141+29.9 141+37.8	RT	18.9
13TH ST		
	NW	308.1
14TH ST		
	SW	342.7
	SE	389.6
	NW	226.4
	NE	248.4
16TH ST		
	SW	764.9
	SE	396.2
	NW	333.5
	NE	326.1
17TH ST		
	NW	376.7
	NE	266.3
20TH ST		
	SW	273.6
	SE	664.1
	NW	489.6
	NE	458.3
22ND ST		
	SW	243.1
	NW	306.7
	NE	354.4
24TH ST		
	SW	387.0
	SE	388.1
	NE	137.8
25TH ST		
	SW	522.1
	SE	611.4
	NW	406.9
	NE	399.6
28TH ST		
	NW	522.3
	NE	585.2
29TH ST		
	NW	323.2
	NE	294.9
30TH ST		
	SW	1070.3
	SE	813.6
	NW	416.8
	NE	351.2
32ND ST		
	NW	105.1
	NE	267.4
33RD ST		
	SW	636.5
	SE	345.4
	NW	156.1
	NE	123.7
36TH ST		
	SW	605.4
	SE	186.1
	NW	237.4
	NE	297.1
36TH ST MEDIAN		
	LT	77.5
	RT	71.6
TOTAL		17127.3
USE		17128

STORM SEWER REMOVAL SCHEDULE

LOCATION	SIDE	OFFSET	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 36"	TRENCH BACKFILL
			55100300	55100500	55100900	55101200	55101600	20800150
			FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
IL 104								
145+64.1	LT	35.6		12.7				
145+75.9	RT	30.4		32.0				
145+82.5	LT	39.3		18.8				
159+56.7	LT	37.2		28.7				
14+63.9	LT	34.1		6.6				
26+47.9	LT	38.8	6.0					
26+52.6	LT	31.8		8.3				
27+06.2	LT	31.6		6.9				
27+10.1	LT	36.0	3.0					
30+32.9	LT	36.5		14.4				
30+74.4	LT	30.8		6.8				
30+77.8	LT	35.6	6.0					
43+05.9	LT	28.8					61.8	
43+49.7	LT	31.1				23.0		
43+57.9	LT	42.2	14.8					
43+79.6	LT	36.2			28.1			30.5
TOTALS			29.8	135.2	28.1	23.0	61.8	30.5
USE			30	136	29	23	62	31

REMOVING INLETS SCHEDULE

LOCATION	SIDE	OFFSET	REMOVING INLETS
			60500060
			EACH
IL 104			
145+57.0	LT	31.6	1
145+57.7	RT	32.5	1
145+70.5	LT	41.3	1
154+73.1	LT	32.7	1
159+40.5	LT	33.4	1
172+47.7	RT	31.2	1
8+53.5	RT	64.8	1
14+67.3	LT	37.5	1
26+49.0	LT	36.1	1
27+09.2	LT	35.2	1
30+26.1	LT	32.2	1
30+76.4	LT	34.4	1
43+63.4	LT	35.7	1
TOTAL			13
USE			13

INLET ADJUSTMENT SCHEDULE

LOCATION	SIDE	OFFSET	INLETS TO BE ADJUSTED
			60260100
			EACH
IL 104			
141+71.6	LT	49.7	1
146+12.0	LT	50.8	1
154+74.8	RT	29.1	1
154+99.3	RT	47.7	1
155+29.3	RT	49.5	1
171+88.3	LT	43.6	1
172+23.2	LT	41.3	1
172+42.3	LT	29.6	1
181+61.5	LT	46.2	1
181+85.5	LT	29.3	1
8+51.4	LT	47.4	1
14+01.8	RT	34.8	1
14+55.6	RT	33.9	1
34+85.3	RT	50.3	1
35+99.1	RT	113.0	1
36+16.4	LT	61.4	1
48+66.4	LT	51.4	1
61+68.1	LT	76.0	1
62+73.5	LT	79.6	1
TOTAL			19
USE			19

MANHOLE ADJUSTMENT SCHEDULE

LOCATION	SIDE	OFFSET	MANHOLES TO BE ADJUSTED
			60255500
			EACH
IL 104			
141+87.8	LT	50.0	1
145+93.1	LT	37.7	1
145+93.4	RT	28.1	1
159+72.6	LT	40.5	1
181+45.7	LT	51.0	1
181+57.3	LT	29.4	1
181+71.1	LT	32.7	1
14+29.7	RT	32.0	1
30+38.2	LT	39.9	1
35+32.5	RT	50.0	1
36+15.2	LT	23.6	1
36+22.5	LT	18.6	1
43+36.7	LT	26.7	1
48+84.8	LT	39.8	1
62+05.2	LT	75.9	1
62+54.0	LT	75.8	1
TOTAL			16
USE			16

CONCRETE RETAINING WALL REMOVAL SCHEDULE

LOCATION	QUADRANT	CONCRETE RETAINING WALL REMOVAL
		Z0075496
		FOOT
16TH ST		
	SE	39.6
TOTAL		40

INLET RECONSTRUCTION SCHEDULE

LOCATION	SIDE	OFFSET	INLETS TO BE RECONSTRUCTED
			60262700
			EACH
IL 104			
49+68.7	RT	30.9	1
TOTAL			1
USE			1

MEDIAN REMOVAL

LOCATION	QUADRANT	MEDIAN REMOVAL
		44003100
		SQ FT
36TH ST		
	LT	240.7
	RT	123.7
TOTAL		364.4
USE		365

MODEL: Default
FILE NAME: P:\Quincy\22Files\220146\Work Order 04 - Broadway\18_Transportation\CADD Sheets\D672K42-SHT Schedule.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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 4 OF 8 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	20

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

MANHOLE AND INLET SCHEDULE

LOCATION	SIDE	OFFSET	PLAN LABEL	60218400 MANHOLES, TA 4' DIAMETER T1 CL	60219300 MANHOLES, TA 4' DIAMETER T11 F&G	60219500 MANHOLES, TA 4' DIAMETER T15 F&L	60221200 MANHOLES, TA 5' DIAMETER T3 F&G	60223810 MANHOLES, TA 6' DIAMETER T3 F&G	60237000 INLETS, TA T15 F&L	60240220 INLETS, TB T3 F&G	60240320 INLETS, TB T15 F&L	X6020076 INLETS, SPL, W/SPL F&G	X6022230 MANHOLES, TA 4' DIAMETER SPL F&G	X6024240 INLETS (SPECIAL)
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
IL 104														
145+54.0	LT	29.1	SS1											1
145+74.6	LT	45.3	SS3											1
145+58.2	RT	30.1	SS5									1		
154+73.8	LT	29.8	SS7			1								
159+33.2	LT	29.6	SS12									1		
172+48.0	RT	29.1	SS14		1									
172+62.8	RT	29.1	SS16											1
8+45.9	RT	91.3	SS17									1		
8+55.4	RT	62.5	SS19			1								
14+61.6	LT	31.8	SS20	1										
14+87.1	LT	30.6	SS22								1			
26+31.2	LT	29.6	SS23								1			
26+48.1	LT	34.3	SS26				1							
27+10.7	LT	36.5	SS29	1										
27+13.4	LT	32.0	SS31							1				
30+23.2	LT	29.6	SS32									1		
30+79.2	LT	36.8	SS35	1										
30+84.0	LT	29.9	SS37								1			
42+97.2	LT	32.8	SS39					1						
43+64.8	LT	32.5	SS41				1							
43+84.5	LT	30.1	SS45										1	
43+93.2	LT	36.1	SS47	1										
16TH ST														
10+46.2	LT	19.8	SS9								1			
10+63.0	LT	18.5	SS11						1					
TOTALS				4	1	2	2	1	1	1	4	4	1	3
USE				4	1	2	2	1	1	1	4	4	1	3

GAS VALVE ADJUSTMENT SCHEDULE

LOCATION	SIDE	OFFSET	Z0001110 GAS VALVE TO BE ADJUSTED
			EACH
IL 104			
181+27.7	RT	49.3	1
181+28.7	RT	46.3	1
35+45.5	RT	49.1	1
35+46.1	RT	45.9	1
61+90.4	RT	78.2	1
TOTAL			5
USE			5

STORM SEWER SCHEDULE

LOCATION	SIDE	OFFSET	PLAN LABEL	550A0340 STORM SEWER CL A, T2 12"	550A0380 STORM SEWER CL A, T2 18"	550A0410 STORM SEWER CL A, T2 24"	550A0450 STORM SEWER CL A, T2 36"	X1200046 STORM SEWER CL B, T2 8"	Z0056608 STORM SEWER (WMR) 12"	20800150 TRENCH BACKFILL	54248510 CONCRETE COLLAR	50800105 REINFORCEMENT BARS
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	CU YD	POUND
IL 104												
145+64.2	LT	37.4	SS2						20.0	6.7		
145+83.4	LT	41.7	SS4	20.0						10.9		
145+76.3	RT	29.4	SS6	34.0						24.3		
154+83.2	LT	38.1	SS8						22.0	4.3		
159+53.4	LT	35.5	SS13						38.0	50.0		
172+54.8	RT	30.2	SS15	14.0						3.5		
8+51.6	RT	77.7	SS18						30.0	5.7		
14+73.7	LT	31.1	SS21	24.0						7.5		
26+39.5	LT	31.4	SS24	16.0						5.6		
26+48.4	LT	37.6	SS25					8.0		5.0		
26+53.3	LT	30.2	SS27	8.0						3.9	0.30	12.2
27+06.6	LT	32.1	SS28	8.0						2.2	0.30	12.2
27+11.5	LT	34.0	SS30	4.0						1.2		
30+31.2	LT	35.4	SS33						16.0	4.1		
30+75.1	LT	32.0	SS34	8.0						1.5	0.30	12.2
30+81.4	LT	34.0	SS36	6.0						1.1		
42+86.9	LT	31.9	SS38				18.0			32.5		
43+16.8	LT	29.2	SS40				34.0			48.1		
43+51.3	LT	28.8	SS42			26.0				37.4		
43+58.9	LT	39.4	SS43					16.0		4.6		
43+74.1	LT	30.8	SS44			18.0				20.4		
43+89.4	LT	33.7	SS46		8.0					8.6		
16TH ST												
10+54.7	LT	19.9	SS10	16.0						3.1		
TOTALS				158.0	8.0	44.0	52.0	24.0	126.0	292.2	0.90	36.6
USE				158	8	44	52	24	126	293	0.9	40

WATER VALVE SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
56109210	WATER VALVES TO BE ADJUSTED	EACH	21
X5630405	REMOVE EXISTING WATER VALVE	EACH	60

*THE SCHEDULE FOR WATER VALVES 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.

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

78004600

LOCATION	SIDE	DESCRIPTION	SQ FT
IL 104			
141+09.0	CL	LEFT TURN ARROW	15.6
141+41.0	CL	LEFT TURN ARROW	15.6
142+52.0	CL	LEFT TURN ARROW	15.6
142+84.0	CL	LEFT TURN ARROW	15.6
143+62.7	CL	LEFT TURN ARROW	15.6
143+94.7	CL	LEFT TURN ARROW	15.6
145+33.7	CL	LEFT TURN ARROW	15.6
146+54.7	CL	LEFT TURN ARROW	15.6
148+11.7	CL	LEFT TURN ARROW	15.6
148+43.7	CL	LEFT TURN ARROW	15.6
149+90.7	CL	LEFT TURN ARROW	15.6
151+14.7	CL	LEFT TURN ARROW	15.6
151+46.7	CL	LEFT TURN ARROW	15.6
152+38.6	CL	LEFT TURN ARROW	15.6
152+70.6	CL	LEFT TURN ARROW	15.6
154+45.6	CL	LEFT TURN ARROW	15.6
155+79.6	CL	LEFT TURN ARROW	15.6
157+43.9	CL	LEFT TURN ARROW	15.6
157+75.9	CL	LEFT TURN ARROW	15.6
159+10.1	CL	LEFT TURN ARROW	15.6
160+30.9	CL	LEFT TURN ARROW	15.6
160+62.9	CL	LEFT TURN ARROW	15.6
161+94.9	CL	LEFT TURN ARROW	15.6
162+81.4	CL	LEFT TURN ARROW	15.6
165+98.4	CL	LEFT TURN ARROW	15.6
166+94.9	CL	LEFT TURN ARROW	15.6
168+23.9	CL	LEFT TURN ARROW	15.6
168+55.9	CL	LEFT TURN ARROW	15.6
169+47.7	CL	LEFT TURN ARROW	15.6
169+79.7	CL	LEFT TURN ARROW	15.6
171+49.7	CL	LEFT TURN ARROW	15.6
172+61.7	CL	LEFT TURN ARROW	15.6
174+31.7	CL	LEFT TURN ARROW	15.6
174+63.7	CL	LEFT TURN ARROW	15.6
175+83.5	CL	LEFT TURN ARROW	15.6
176+15.5	CL	LEFT TURN ARROW	15.6
177+35.3	CL	LEFT TURN ARROW	15.6
177+67.3	CL	LEFT TURN ARROW	15.6
178+87.1	CL	LEFT TURN ARROW	15.6
179+19.1	CL	LEFT TURN ARROW	15.6
180+89.1	CL	LEFT TURN ARROW	15.6
182+00.4	CL	LEFT TURN ARROW	15.6
0+67.7	CL	LEFT TURN ARROW	15.6
0+99.7	CL	LEFT TURN ARROW	15.6
3+39.6	CL	LEFT TURN ARROW	15.6
3+71.6	CL	LEFT TURN ARROW	15.6
5+07.7	CL	LEFT TURN ARROW	15.6
12+91.1	CL	LEFT TURN ARROW	15.6
13+63.1	CL	LEFT TURN ARROW	15.6
14+96.7	CL	LEFT TURN ARROW	15.6
16+58.7	CL	LEFT TURN ARROW	15.6
16+90.7	CL	LEFT TURN ARROW	15.6
18+77.6	CL	LEFT TURN ARROW	15.6
19+09.6	CL	LEFT TURN ARROW	15.6
20+96.5	CL	LEFT TURN ARROW	15.6
21+28.5	CL	LEFT TURN ARROW	15.6
23+15.4	CL	LEFT TURN ARROW	15.6
23+47.4	CL	LEFT TURN ARROW	15.6
25+25.3	CL	LEFT TURN ARROW	15.6
25+57.3	CL	LEFT TURN ARROW	15.6
27+49.6	CL	LEFT TURN ARROW	15.6
27+81.6	CL	LEFT TURN ARROW	15.6
29+68.2	CL	LEFT TURN ARROW	15.6
30+00.2	CL	LEFT TURN ARROW	15.6
31+74.0	RT	LEFT TURN ARROW	15.6
32+06.0	RT	LEFT TURN ARROW	15.6
33+71.9	RT	RIGHT TURN ARROW	15.6
33+96.9	RT	LEFT TURN ARROW	15.6
34+79.9	RT	LEFT TURN ARROW	15.6
34+79.9	RT	RIGHT TURN ARROW	15.6
36+57.1	LT	RIGHT TURN ARROW	15.6
36+66.1	RT	LEFT TURN ARROW	15.6
37+38.2	RT	LEFT TURN ARROW	15.6
37+72.1	LT	RIGHT TURN ARROW	15.6

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

78004600

LOCATION	SIDE	DESCRIPTION	SQ FT
IL 104			
38+68.1	RT	LEFT TURN ARROW	15.6
39+00.1	RT	LEFT TURN ARROW	15.6
40+48.2	CL	LEFT TURN ARROW	15.6
40+80.2	CL	LEFT TURN ARROW	15.6
42+28.3	CL	LEFT TURN ARROW	15.6
42+60.3	CL	LEFT TURN ARROW	15.6
44+01.1	CL	LEFT TURN ARROW	15.6
44+33.1	CL	LEFT TURN ARROW	15.6
45+84.7	CL	LEFT TURN ARROW	15.6
46+16.7	CL	LEFT TURN ARROW	15.6
47+52.7	CL	LEFT TURN ARROW	15.6
48+25.7	CL	LEFT TURN ARROW	15.6
49+79.4	CL	LEFT TURN ARROW	15.6
50+95.9	CL	LEFT TURN ARROW	15.6
52+12.4	CL	LEFT TURN ARROW	15.6
53+41.4	CL	LEFT TURN ARROW	15.6
53+73.4	CL	LEFT TURN ARROW	15.6
55+51.1	CL	LEFT TURN ARROW	15.6
55+83.1	CL	LEFT TURN ARROW	15.6
58+51.7	CL	LEFT TURN ARROW	15.6
58+83.7	CL	LEFT TURN ARROW	15.6
59+09.7	RT	RIGHT TURN ARROW	15.6
60+12.7	CL	LEFT TURN ARROW	15.6
60+26.2	RT	RIGHT TURN ARROW	15.6
61+35.7	CL	LEFT TURN ARROW	15.6
61+42.7	RT	RIGHT TURN ARROW	15.6
63+23.7	CL	LEFT TURN ARROW	15.6
63+54.8	LT	RIGHT TURN ARROW	15.6
64+40.3	LT	RIGHT TURN ARROW	15.6
64+43.4	CL	LEFT TURN ARROW	15.6
65+25.8	LT	RIGHT TURN ARROW	15.6
65+33.4	RT	RIGHT TURN ARROW	15.6
65+51.4	LT	LEFT TURN ARROW	15.6
66+24.4	RT	RIGHT TURN ARROW	15.6
66+57.4	CL	LEFT TURN ARROW	15.6
67+84.5	CL	LEFT TURN ARROW	15.6
68+45.5	CL	LEFT TURN ARROW	15.6
69+53.5	CL	LEFT TURN ARROW	15.6
25TH ST			
10+60.6	LT	LEFT TURN ARROW	15.6
30TH ST			
8+98.3	CL	LEFT TURN ARROW	15.6
8+98.3	RT	THRU ARROW	11.5
8+98.3	RT	RIGHT TURN ARROW	15.6
10+86.3	CL	LEFT TURN ARROW	15.6
10+86.3	LT	THRU ARROW	11.5
10+86.3	LT	RIGHT TURN ARROW	15.6
11+61.3	CL	LEFT TURN ARROW	15.6
11+61.3	LT	THRU ARROW	11.5
11+61.3	LT	RIGHT TURN ARROW	15.6
33RD ST			
10+66.5	LT	LEFT TURN ARROW	15.6
10+66.5	LT	THRU ARROW	11.5
10+66.5	LT	RIGHT TURN ARROW	15.6
36TH ST			
10+81.7	LT	COMB LEFT/THRU ARROW	26.0
10+94.2	CL	LEFT TURN ARROW	15.6
11+25.5	LT	RIGHT TURN ARROW	15.6
TOTAL			1990.8
USE			1991

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

78004640

LOCATION		SIDE	DESCRIPTION	WHITE
				FOOT
IL 104				
61+44.4	62+02.3	LT	CHANNELIZATION	198.7
62+57.3	63+29.8	LT	CHANNELIZATION	184.8
TOTAL				383.5
USE				384

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

78004630

LOCATION		SIDE	DESCRIPTION	WHITE
				FOOT
IL 104				
144+98.7	145+58.7	RT	CHANNELIZATION	60.0
145+64.5	145+70.5	LT/RT	CROSSWALK	120.2
146+17.5	146+23.5	LT/RT	CROSSWALK	121.1
146+29.7	146+99.7	LT	CHANNELIZATION	70.0
149+55.7	150+15.7	LT	CHANNELIZATION	60.0
153+95.6	154+70.6	RT	CHANNELIZATION	75.0
154+87.5	154+93.5	LT/RT	CROSSWALK	130.9
155+33.5	155+39.5	LT/RT	CROSSWALK	130.6
155+54.6	156+34.6	LT	CHANNELIZATION	80.0
158+85.1	159+35.1	RT	CHANNELIZATION	50.0
161+90.9	162+90.0	RT	CHANNELIZATION	99.1
165+95.0	166+98.9	LT	CHANNELIZATION	103.9
171+04.7	171+74.7	RT	CHANNELIZATION	70.0
171+81.3	171+87.3	LT/RT	CROSSWALK	119.1
172+24.7	172+30.7	LT/RT	CROSSWALK	121.6
172+36.7	173+06.7	LT	CHANNELIZATION	70.0
180+44.1	181+14.1	RT	CHANNELIZATION	70.0
181+24.0	181+30.0	LT/RT	CROSSWALK	123.3
181+63.3	181+69.3	LT/RT	CROSSWALK	122.0
181+75.5	182+35.5	LT	CHANNELIZATION	60.0
5+03.6	5+35.0	RT	CHANNELIZATION	31.4
12+66.1	13+86.1	RT	CHANNELIZATION	120.0
13+92.2	13+98.2	LT/RT	CROSSWALK	113.1
14+61.7	14+67.7	LT/RT	CROSSWALK	121.6
14+73.7	15+33.7	LT	CHANNELIZATION	60.0
33+67.9	35+02.9	RT	CHANNELIZATION	245.0
35+08.9	35+14.9	LT/RT	CROSSWALK	189.0
36+22.1	36+28.1	LT/RT	CROSSWALK	186.1
36+34.1	37+43.1	CL	CHANNELIZATION	109.0
36+34.1	37+76.1	LT	CHANNELIZATION	142.0
47+48.7	48+48.7	RT	CHANNELIZATION	100.0
48+54.8	48+60.8	LT/RT	CROSSWALK	134.4
49+41.1	49+47.1	LT/RT	CROSSWALK	137.6
49+56.4	52+16.4	LT	CHANNELIZATION	260.0
59+05.7	61+65.7	RT	CHANNELIZATION	260.0
60+08.7	61+65.7	RT	CHANNELIZATION	157.0
61+82.7	61+88.7	LT/RT	CROSSWALK	162.1
62+68.4	62+74.4	LT/RT	CROSSWALK	161.3
62+82.4	64+47.4	LT	CHANNELIZATION	165.0
63+29.8	65+29.8	LT	CHANNELIZATION	200.0
65+29.4	66+49.4	RT	CHANNELIZATION	120.0
65+47.4	66+82.4	RT	CHANNELIZATION	135.0
67+59.5	68+49.5	LT	CHANNELIZATION	90.0
69+49.5	70+59.0	RT	CHANNELIZATION	109.5
13TH ST				
10+60.6	10+66.6	LT/RT	CROSSWALK	91.8
14TH ST				
9+57.6	9+63.6	LT/RT	CROSSWALK	70.0
10+30.7	10+36.7	LT/RT	CROSSWALK	83.0
15TH ST				
10+35.4	10+41.4	LT/RT	CROSSWALK	79.3
16TH ST				
9+60.9	9+66.9	LT/RT	CROSSWALK	71.0
10+32.8	10+38.8	LT/RT	CROSSWALK	86.1
17TH ST				
10+31.1	10+37.1	LT/RT	CROSSWALK	93.5
20TH ST				
9+63.6	9+69.6	LT/RT	CROSSWALK	76.6
10+29.1	10+36.1	LT/RT	CROSSWALK	74.2
22ND ST				
9+63.5	9+69.5	LT/RT	CROSSWALK	69.6
10+30.1	10+36.1	LT/RT	CROSSWALK	66.0
25TH ST				
9+55.4	9+61.4	LT/RT	CROSSWALK	69.0
10+32.6	10+38.6	LT/RT	CROSSWALK	101.4
28TH ST				
10+32.8	10+38.8	LT/RT	CROSSWALK	100.9
29TH ST				
10+33.0	10+39.0	LT/RT	CROSSWALK	58.8
30TH ST				
8+24.0	9+21.3		CHANNELIZATION	194.6
9+27.3	9+33.3		CROSSWALK	154.6
10+47.2	10+53.2		CROSSWALK	191.7
10+59.3	11+68.0		CHANNELIZATION	217.4

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

78004630

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
32ND ST					
10+32.0	10+38	LT/RT	CROSSWALK	104.6	
33RD ST					
9+33.8	9+49.4	RT	CHANNELIZATION	15.6	
9+61.4	9+67.4	LT/RT	CROSSWALK	150.0	
10+34.2	10+40.2	LT/RT	CROSSWALK	167.5	
10+46.4	10+68.5	LT	CHANNELIZATION		22.1
10+46.4	10+68.5	LT	CHANNELIZATION	22.1	
36TH ST					
9+41.2	9+47.2	LT/RT	CROSSWALK	181.8	
10+41.9	10+48.0	LT/RT	CROSSWALK	111.6	
10+58.7	11+33.0	LT	CHANNELIZATION	74.3	
11+05.6	11+33.0	LT	CHANNELIZATION	27.4	
TOTALS				8170.3	22.1
USE				8193	

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

78004720

LOCATION	SIDE	DESCRIPTION	FOOT
IL 104			
13+88.1	LT/RT	STOP BAR	32.0
14+71.7	LT/RT	STOP BAR	35.7
35+04.9	RT	STOP BAR	52.5
36+32.1	LT	STOP BAR	43.4
36+41.1	RT	STOP BAR	12.0
48+50.7	LT/RT	STOP BAR	35.9
49+54.4	LT/RT	STOP BAR	38.5
61+60.7	LT/RT	STOP BAR	11.0
61+67.7	RT	STOP BAR	40.6
62+80.4	LT	STOP BAR	22.0
62+98.7	LT/RT	STOP BAR	11.0
13TH ST			
10+41.4	LT	STOP BAR	17.5
14TH ST			
9+53.2	RT	STOP BAR	15.0
10+41.2	LT	STOP BAR	17.6
15TH ST			
10+45.4	LT	STOP BAR	17.0
16TH ST			
9+56.9	RT	STOP BAR	14.4
10+42.8	LT	STOP BAR	19.5
17TH ST			
10+41.1	LT	STOP BAR	17.8
20TH ST			
9+59.2	RT	STOP BAR	16.7
10+39.1	LT	STOP BAR	16.3
22ND ST			
9+58.8	RT	STOP BAR	14.7
10+41.2	LT	STOP BAR	14.7
25TH ST			
9+51.3	RT	STOP BAR	14.0
10+43.0	LT/RT	STOP BAR	21.8
28TH ST			
10+43.0	LT	STOP BAR	18.6
29TH ST			
10+43.4	LT	STOP BAR	11.1
30TH ST			
9+23.3	LT/RT	STOP BAR	37.4
10+57.3	LT	STOP BAR	30.2
10+61.3	LT/RT	STOP BAR	12.6
32ND ST			
10+42.0	LT/RT	STOP BAR	20.7
33RD ST			
9+43.8	RT	STOP BAR	11.0
9+49.4	RT	STOP BAR	15.5
10+44.4	LT	STOP BAR	33.5
36TH ST			
9+35.00	LT/RT	STOP BAR	43.9
10+56.7	LT	STOP BAR	22.0
10+69.2	LT/RT	STOP BAR	11.0
TOTAL			819.1
USE			820

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

78004625

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
140+26.0	145+58.7	RT	10' SKIP DASH	140.0	
140+26.0	141+55.0	LT	10' SKIP DASH	40.0	
140+26.0	141+05.0	RT	CHANNELIZATION		158.0
140+26.0	141+05.0	LT/RT	CHANNELIZATION		158.0
141+05.0	141+55.0	RT	CHANNELIZATION		50.0
141+05.0	141+55.0	LT	CHANNELIZATION		50.0
141+05.0	141+55.0	RT	10' SKIP DASH		20.0
141+05.0	141+55.0	LT	10' SKIP DASH		20.0
142+27.0	145+58.7	LT	10' SKIP DASH	90.0	
142+27.0	143+98.7	RT	CHANNELIZATION		171.7
142+27.0	143+98.7	LT	CHANNELIZATION		171.7
142+27.0	143+98.7	RT	10' SKIP DASH		50.0
142+27.0	143+98.7	LT	10' SKIP DASH		50.0
143+98.7	144+98.7	LT/RT	CHANNELIZATION		200.0
143+98.7	145+58.7	LT	CHANNELIZATION		320.0
146+29.7	157+70.6	RT	10' SKIP DASH	220.0	
146+29.7	150+14.7	LT	10' SKIP DASH	100.0	
146+29.7	147+99.7	RT	CHANNELIZATION		340.0
146+99.7	147+99.7	LT/RT	CHANNELIZATION		200.0
147+99.7	148+55.7	RT	CHANNELIZATION		56.0
147+99.7	148+55.7	LT	CHANNELIZATION		56.0
148+55.7	149+55.7	LT/RT	CHANNELIZATION		200.0
148+55.7	150+15.7	LT	CHANNELIZATION		320.0
150+89.7	154+70.6	LT	10' SKIP DASH	100.0	
150+89.7	152+95.6	RT	CHANNELIZATION		205.9
150+89.7	152+95.6	LT	CHANNELIZATION		205.9
150+89.7	152+95.6	RT	10' SKIP DASH		60.0
150+89.7	152+95.6	LT	10' SKIP DASH		60.0
152+95.6	153+95.6	LT/RT	CHANNELIZATION		200.0
152+95.6	154+70.6	LT	CHANNELIZATION		350.0
155+54.6	162+90.0	RT	10' SKIP DASH	190.0	
155+54.6	159+35.1	LT	10' SKIP DASH	100.0	
155+54.6	157+34.6	RT	CHANNELIZATION		360.0
156+34.6	157+34.6	LT/RT	CHANNELIZATION		200.0
157+34.6	157+85.1	RT	CHANNELIZATION		50.5
157+34.6	157+85.1	LT	CHANNELIZATION		50.5
157+85.1	158+85.1	LT/RT	CHANNELIZATION		200.0
157+85.1	159+35.1	LT	CHANNELIZATION		300.0
160+05.9	162+90.0	LT	10' SKIP DASH	80.0	
160+05.9	160+90.9	RT	CHANNELIZATION		85.0
160+05.9	160+90.9	LT	CHANNELIZATION		85.0
160+05.9	160+90.9	RT	10' SKIP DASH		30.0
160+05.9	160+90.9	LT	10' SKIP DASH		30.0
160+90.9	161+90.9	LT/RT	CHANNELIZATION		200.0
160+90.9	162+90.0	LT	CHANNELIZATION		398.2
165+95.0	171+74.7	RT	10' SKIP DASH	150.0	
165+95.0	171+74.7	LT	10' SKIP DASH	150.0	
165+95.0	167+98.9	RT	CHANNELIZATION		407.8
166+98.9	167+98.9	LT/RT	CHANNELIZATION		200.0
167+98.9	170+04.7	LT	CHANNELIZATION		205.8
167+98.9	170+04.7	RT	CHANNELIZATION		205.8
167+98.9	170+04.7	RT	10' SKIP DASH		60.0
167+98.9	170+04.7	LT	10' SKIP DASH		60.0
170+04.7	171+04.7	LT/RT	CHANNELIZATION		200.0
170+04.7	171+74.7	LT	CHANNELIZATION		340.0
172+36.7	181+14.1	RT	10' SKIP DASH	220.0	
172+36.7	181+14.1	LT	10' SKIP DASH	220.0	
172+36.7	174+06.7	RT	CHANNELIZATION		340.0
173+06.7	174+06.7	LT/RT	CHANNELIZATION		200.0
174+06.7	179+44.1	RT	CHANNELIZATION		537.4
174+06.7	179+44.1	LT	CHANNELIZATION		537.4
174+06.7	179+44.1	RT	10' SKIP DASH		140.0
174+06.7	179+44.1	LT	10' SKIP DASH		140.0
179+44.1	180+44.1	LT/RT	CHANNELIZATION		200.0
179+44.1	181+14.1	LT	CHANNELIZATION		340.0
181+75.5	182+92.7	RT	10' SKIP DASH	30.0	
181+75.5	182+92.7	LT	10' SKIP DASH	30.0	
181+75.5	182+92.7	RT	CHANNELIZATION		234.4
182+35.5	182+92.7	LT/RT	CHANNELIZATION		114.4
0+00.0	5+35.0	RT	10' SKIP DASH	140.0	
0+00.0	5+35.0	LT	10' SKIP DASH	140.0	
0+00.0	0+42.7	RT	CHANNELIZATION		85.4
0+00.0	0+42.7	LT/RT	CHANNELIZATION		85.4

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

78004625

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
0+42.7	4+03.6	RT	CHANNELIZATION		360.9
0+42.7	4+03.6	LT	CHANNELIZATION		360.9
0+42.7	4+03.6	RT	10' SKIP DASH		100.0
0+42.7	4+03.6	LT	10' SKIP DASH		100.0
3+74.1	5+35.0	RT	2' SKIP DASH	42.0	
4+03.6	5+03.6	LT/RT	CHANNELIZATION		200.0
4+03.6	5+35.0	LT	CHANNELIZATION		262.8
11+64.0	13+86.1	LT	10' SKIP DASH	60.0	
11+64.0	13+86.1	RT	10' SKIP DASH	60.0	
11+64.0	13+86.1	LT/RT	CHANNELIZATION		444.2
11+64.0	11+65.7	LT	2' SKIP DASH	2.0	
14+73.7	23+72.4	RT	10' SKIP DASH	230.0	
14+73.7	26+32.6	LT	10' SKIP DASH	290.0	
14+73.7	16+33.7	RT	CHANNELIZATION		320.0
15+33.7	16+33.7	LT/RT	CHANNELIZATION		200.0
16+33.7	23+72.4	RT	CHANNELIZATION		738.7
16+33.7	23+72.4	LT	CHANNELIZATION		738.7
16+33.7	23+72.4	RT	10' SKIP DASH		190.0
16+33.7	23+72.4	LT	10' SKIP DASH		190.0
24+50.0	35+02.9	RT	10' SKIP DASH	270.0	
24+50.0	26+32.6	RT	CHANNELIZATION		182.6
24+50.0	26+32.6	LT	CHANNELIZATION		182.6
24+50.0	26+32.6	RT	10' SKIP DASH		50.0
24+50.0	26+32.6	LT	10' SKIP DASH		50.0
27+24.6	30+25.2	LT	10' SKIP DASH	80.0	
27+24.6	30+25.2	RT	CHANNELIZATION		300.6
27+24.6	30+25.2	RT	10' SKIP DASH		80.0
27+24.6	30+25.2	LT	10' SKIP DASH		80.0
27+25.6	30+25.2	LT	CHANNELIZATION		299.6
30+87.2	35+02.9	LT	10' SKIP DASH	110.0	
30+87.2	32+92.9	RT	CHANNELIZATION		205.7
30+87.2	32+92.9	LT/CL	CHANNELIZATION		205.7
30+87.2	32+92.9	RT	10' SKIP DASH		60.0
30+87.2	32+92.9	LT/CL	10' SKIP DASH		60.0
32+00.3	33+67.9	RT	2' SKIP DASH	42.0	
32+92.9	35+02.9	RT	CHANNELIZATION		420.0
32+92.9	33+92.9	RT/CL	CHANNELIZATION		200.0
36+34.1	42+85.3	LT	10' SKIP DASH	170.0	
36+43.1	48+48.7	RT	10' SKIP DASH	310.0	
36+43.1	38+43.1	RT	CHANNELIZATION		400.0
37+43.1	38+43.1	RT/CL	CHANNELIZATION		200.0
37+76.1	39+35.2	LT	2' SKIP DASH	40.0	
38+43.1	42+85.3	RT	CHANNELIZATION		442.2
38+43.1	42+85.3	LT	CHANNELIZATION		442.2
38+43.1	42+85.3	RT	10' SKIP DASH		120.0
38+43.1	42+85.3	LT/CL	10' SKIP DASH		120.0
43+76.1	46+48.7	RT	10' SKIP DASH		70.0
43+76.1	46+48.7	LT	10' SKIP DASH		70.0
43+76.1	48+48.7	LT	10' SKIP DASH	120.0	
43+76.1	48+48.7	RT	CHANNELIZATION		272.6
43+76.1	48+48.7	LT	CHANNELIZATION		272.6
46+48.7	47+48.7	LT/RT	CHANNELIZATION		200.0
46+48.7	48+48.7	LT	CHANNELIZATION		400.0
49+56.4	61+65.7	RT	10' SKIP DASH	310.0	
49+56.4	54+18.7	LT	10' SKIP DASH	120.0	
49+56.4	53+16.4	RT	CHANNELIZATION		720.0
52+16.4	53+16.4	LT/RT	CHANNELIZATION		200.0
53+16.4	54+18.7	RT	CHANNELIZATION		102.3
53+16.4	54+18.7	LT	CHANNELIZATION		102.3
53+16.4	54+18.7	RT	10' SKIP DASH		30.0
53+16.4	54+18.7	LT	10' SKIP DASH		30.0
55+22.1	61+60.7	LT	10' SKIP DASH	160.0	
55+22.1	59+08.7	RT	CHANNELIZATION		386.6
55+22.1	59+08.7	LT	CHANNELIZATION		386.6
55+22.1	59+08.7	RT	10' SKIP DASH		100.0
55+22.1	59+08.7	LT	10' SKIP DASH		100.0
57+09.9	59+05.7	RT	2' SKIP DASH	50.0	
59+08.7	60+08.7	LT/RT	CHANNELIZATION		200.0
59+08.7	61+58.7	LT	CHANNELIZATION		500.0
61+60.7	62+98.7	LT/RT	2' SKIP DASH	54.0	
62+98.7	70+59.0	RT	10' SKIP DASH	200.0	
62+82.4	70+59.0	LT	10' SKIP DASH	200.0	
63+00.7	66+82.4	LT/RT	CHANNELIZATION		763.4

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

78004625

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
64+18.2	65+29.4	RT	2' SKIP DASH	28.0	
65+29.8	66+55.8	LT	2' SKIP DASH	32.0	
67+59.5	70+59.0	LT/RT	CHANNELIZATION		599.0
30TH ST					
8+24.0	9+21.3	LT	CHANNELIZATION		194.6
10+63.3	11+68.0	RT	CHANNELIZATION		209.4
33RD ST					
9+33.8	9+43.8	LT	CHANNELIZATION		20
36TH ST					
10+58.7	11+33.0	RT	10' SKIP DASH	20.0	
10+58.7	11+33.0	LT	10' SKIP DASH	20.0	
10+71.2	11+33.0	RT	CHANNELIZATION		61.8
TOTALS				5160.0	24594.8
USE				29755	

MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

78009005

LOCATION		SIDE	DESCRIPTION	WHITE	YELLOW
				FOOT	
IL 104					
135+78.0	137+44.5	RT	10' SKIP DASH	50.0	
135+78.0	137+44.5	LT	10' SKIP DASH	50.0	
135+78.0	137+44.5	LT	CHANNELIZATION		333.0
138+30.0	140+26.00	RT	10' SKIP DASH	50.0	
138+30.0	140+26.00	LT	10' SKIP DASH	50.0	
138+30.0	140+26.00	RT	CHANNELIZATION		392.0
140+05.0	140+26.00	LT/RT	CHANNELIZATION		42.0
162+90.0	163+90.9	RT	10' SKIP DASH	30.0	
162+90.0	163+90.9	LT	10' SKIP DASH	30.0	
162+90.0	163+90.9	LT	CHANNELIZATION		201.8
164+78.9	165+95.0	RT	10' SKIP DASH	30.0	
164+78.9	165+95.0	LT	10' SKIP DASH	30.0	
164+78.9	165+95.0	RT	CHANNELIZATION		232.2
5+35.0	6+26.6	RT	2' SKIP DASH	24.0	
5+35.0	7+31.6	LT	CHANNELIZATION		393.2
7+92.2	8+58.8	LT/RT	2' SKIP DASH	28.0	
8+77.1	11+64.0	LT	10' SKIP DASH	80.0	
8+81.8	11+64.0	RT	10' SKIP DASH	80.0	
8+81.8	11+64.0	LT/RT	CHANNELIZATION		564.4
10+26.7	11+64.0	LT	2' SKIP DASH	36.0	
TOTALS				568.0	2158.6
USE				2727	

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

78004660

LOCATION		SIDE	DESCRIPTION	WHITE
				FOOT
IL 104				
145+62.7	145+72.4	LT/RT	CROSSWALK	120.0
146+15.1	146+25.7	LT/RT	CROSSWALK	120.0
154+85.2	154+96.0	LT/RT	CROSSWALK	126.0
155+32.5	155+40.5	LT/RT	CROSSWALK	126.0
171+80.4	171+88.2	LT/RT	CROSSWALK	114.0
172+23.4	172+32.0	LT/RT	CROSSWALK	120.0
181+23.6	181+30.3	LT/RT	CROSSWALK	120.0
181+62.1	181+70.7	LT/RT	CROSSWALK	120.0
61+44.4	62+02.3	LT	MEDIAN DIAGONALS	90.1
62+57.3	63+29.8	LT	MEDIAN DIAGONALS	59.6
TOTAL				1115.7
USE				1116

MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

LOCATION		SIDE	DESCRIPTION	WHITE
				78009006
				FOOT
IL 104				
135+78.0	137+44.5	RT	CHANNELIZATION	166.5
137+54.3	137+60.3	LT/RT	CROSSWALK	118.2
138+16.4	138+22.4	LT/RT	CROSSWALK	115.8
138+30.0	140+05.0	RT	CHANNELIZATION	175.0
162+90.0	163+90.9	RT	CHANNELIZATION	100.9
164+02.3	164+08.3	LT/RT	CROSSWALK	125.8
164+64.6	164+70.6	LT/RT	CROSSWALK	139.6
164+78.9	165+95.0	LT	CHANNELIZATION	116.1
5+35.0	7+31.6	RT	CHANNELIZATION	301.6
7+46.1	7+56.1	LT/RT	CROSSWALK	177.4
8+58.9	8+68.9	LT/RT	CROSSWALK	171.1
8+77.1	11+66.1	LT	CHANNELIZATION	438.6
12TH ST				
9+63.4	9+69.4	LT/RT	CROSSWALK	110.8
10+29.5	10+35.5	LT/RT	CROSSWALK	108.0
18TH ST				
9+61.5	9+67.5	LT/RT	CROSSWALK	120.9
10+32.6	10+38.6	LT/RT	CROSSWALK	105.0
24TH ST				
2393+69.8	2393+79.8	LT/RT	CROSSWALK	204.6
2394+68.5	2394+78.5	LT/RT	CROSSWALK	188.2
TOTAL				2984.1
USE				2985

MODIFIED URETHANE PAVEMENT MARKING - LINE 24"

LOCATION	SIDE	DESCRIPTION	FOOT
			78009024
IL 104			
137+46.5	LT/RT	STOP BAR	33.8
138+28.0	LT/RT	STOP BAR	32.6
163+92.9	LT/RT	STOP BAR	33.4
164+76.9	LT/RT	STOP BAR	34.6
7+33.6	RT	STOP BAR	45.5
8+75.1	LT	STOP BAR	33.6
8+79.8	RT	STOP BAR	11.0
12TH ST			
9+57.7	LT/RT	STOP BAR	31.8
10+42.3	LT	STOP BAR	20.1
10+56.0	LT/RT	STOP BAR	10.0
18TH ST			
9+46.8	LT/RT	STOP BAR	10.5
9+53.1	LT/RT	STOP BAR	25.1
10+53.2	LT/RT	STOP BAR	22.5
24TH ST			
2393+60.7	LT/RT	STOP BAR	49.8
2394+88.2	LT/RT	STOP BAR	36.8
TOTAL			431.1
USE			432

PAVEMENT MARKING GROOVING SCHEDULE

LOCATION		SIDE	GROOVING FOR RECESSED PAVEMENT MARKING, LTR & SYM	GROOVING FOR RECESSED PAVEMENT MARKING 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
			78011000	78011030	78011035	78011045	78011065	78011125
			SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
IL 104								
140+26.00	162+90.00	LT/RT	374.4	6722.4	1571.6		492.0	186.8
165+95.00	0+00.0	LT/RT	280.8	5263.0	1146.3		474.0	62.4
0+00.0	5+35.0	LT/RT	78.0	1877.4	31.4			
11+64.0	70+59.0	LT/RT	1273.2	15892.0	5564.2	383.5	149.7	637.9
TOTALS			2006.4	29754.8	8313.5	383.5	1115.7	887.1
USE			2007	29755	8314	384	1116	888

MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION	SIDE	DESCRIPTION	SQ FT
			78009000
IL 104			
135+82.0	CL	LEFT TURN ARROW	15.6
136+51.8	CL	LEFT TURN ARROW	15.6
137+21.5	CL	LEFT TURN ARROW	15.6
138+57.1	CL	LEFT TURN ARROW	15.6
139+14.6	CL	LEFT TURN ARROW	15.6
139+74.8	CL	LEFT TURN ARROW	15.6
163+36.3	CL	LEFT TURN ARROW	15.6
163+77.2	CL	LEFT TURN ARROW	15.6
164+95.3	CL	LEFT TURN ARROW	15.6
165+51.8	CL	LEFT TURN ARROW	15.6
5+83.8	RT	LEFT TURN ARROW	15.6
6+30.5	RT	RIGHT TURN ARROW	15.6
6+47.1	RT	LEFT TURN ARROW	15.6
7+07.0	RT	LEFT TURN ARROW	15.6
7+08.6	RT	RIGHT TURN ARROW	15.6
8+97.7	RT	LEFT TURN ARROW	15.6
9+00.1	LT	RIGHT TURN ARROW	15.6
9+61.4	LT	RIGHT TURN ARROW	15.6
9+67.8	RT	LEFT TURN ARROW	15.6
10+16.4	RT	LEFT TURN ARROW	15.6
10+22.6	LT	RIGHT TURN ARROW	15.6
10+94.8	RT	LEFT TURN ARROW	15.6
11+62.2	CL	LEFT TURN ARROW	15.6
TOTAL			358.8
USE			359

SIGN SCHEDULE

LOCATION	QUADRANT/ SIDE	SIGN	SIGN DIMENSION WIDTH	SIGN DIMENSION HEIGHT	72800100 TELESCOPING STEEL SIGN SUPPORT	73100100 BASE FOR TELESCOPING STEEL SIGN SUPPORT	X2600011 REMOVE AND RELOCATE SIGN PANEL
			FOOT	FOOT	FOOT	EACH	EACH
13TH ST							
	NW	R1-1 (STOP SIGN)	2.5	2.5	13		1
14TH ST							
	SW	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
	NE	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
16TH ST							
	SW	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
	SE	R1-1 (STOP SIGN)	2.5	2.5	13		1
	NE	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
20TH ST							
	SW	S1-1 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.2	11	1	1
	SE	R1-1 (STOP SIGN)	2.5	2.5	13	1	1
	NW	R1-1 (STOP SIGN)	2.5	2.5	13	1	1
	NE	S1-1 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.2	11	1	1
22ND ST							
	SW	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
	NW	R1-1 (STOP SIGN)	2.5	2.5	13		1
	NE	W11-2 (PEDESTRIAN CROSSING)	2.5	2.5			1
		W16-7P (DOWNWARD DIAGONAL)	1	0.5	11	1	1
28TH ST							
	NW	R1-1 (STOP SIGN)	2.5	2.5	13		1
29TH ST							
	NW	R1-1 (STOP SIGN)	2.5	2.5	13		1
	NE	D3-1 (STREET NAME)	2.5	0.75			1
		D3-1 (STREET NAME)	2.5	0.75	13		1
32ND ST							
	NW	R1-1 (STOP SIGN)	2.5	2.5	13		1
TOTALS					192	10	26
USE					192	10	26

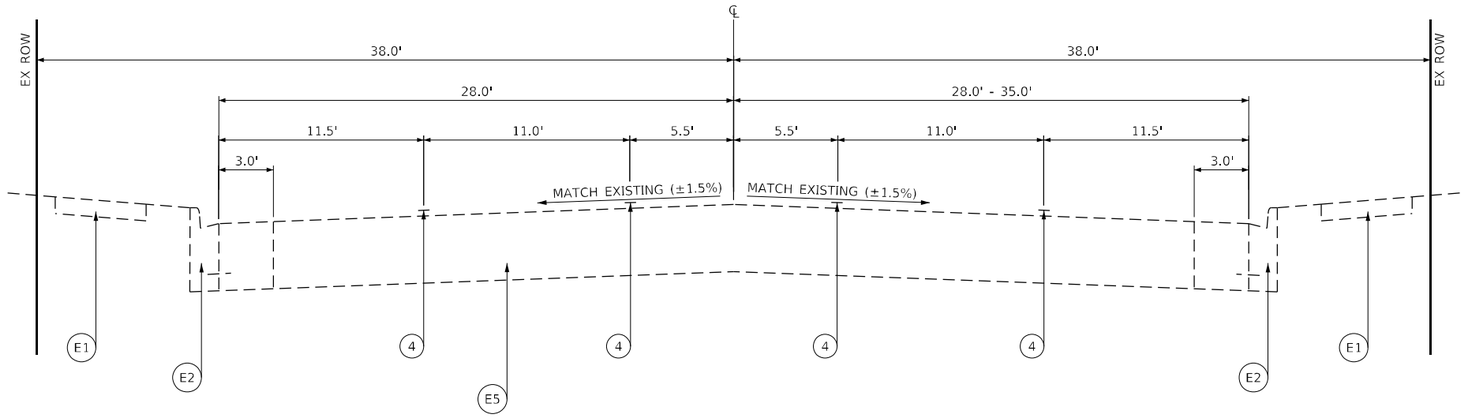
PAVEMENT MARKING REMOVAL SCHEDULE

LOCATION		SIDE	PAVEMENT MARKING REMOVAL - WATER BLASTING
			78300202
			SQ FT
IL 104			
135+78.0	140+26.0	LT/RT	1150.3
162+90.0	165+95.0	LT/RT	899.6
5+35.0	11+64.0	LT/RT	1826.0
TOTAL			3875.9
USE			3876

MODEL: Default
FILE NAME: P:\Quincy22\Files\220146\Work Order 04 - Broadway\18_Transportation\CADD Sheets\0672K42-sht Schedule.dgn

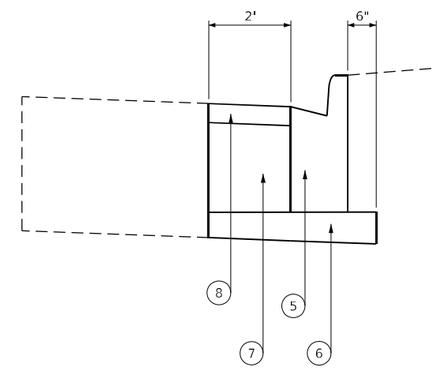
LEGEND

- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (E3) EXISTING PCC BASE COURSE WIDENING (9")
- (E4) EXISTING PCC BASE COURSE WIDENING (10")
- (E5) EXISTING PAVEMENT PCC (10")
- (E6) EXISTING PAVEMENT HMA & PCC (12")
- (E7) EXISTING CONCRETE GUTTER
- (E8) EXISTING RETAING WALL
- (E9) EXISTING SUB-BASE GRANULAR MATERIAL
- (E10) EXISTING PIPE UNDERDRAINS, 4"
- (E11) EXISTING CONCRETE MEDIAN
- (1) PROPOSED HMA SURFACE REMOVAL (2.25")
- (2) PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- (3) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- (4) PROPOSED PAVEMENT MARKING
- (5) PROPOSED COMBINATION CONCRETE CURB AND GUTTER
- (6) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B
- (7) PROPOSED BASE COURSE WIDENING 12"
- (8) PROPOSED INCIDENTAL HMA SURFACING (2.25")



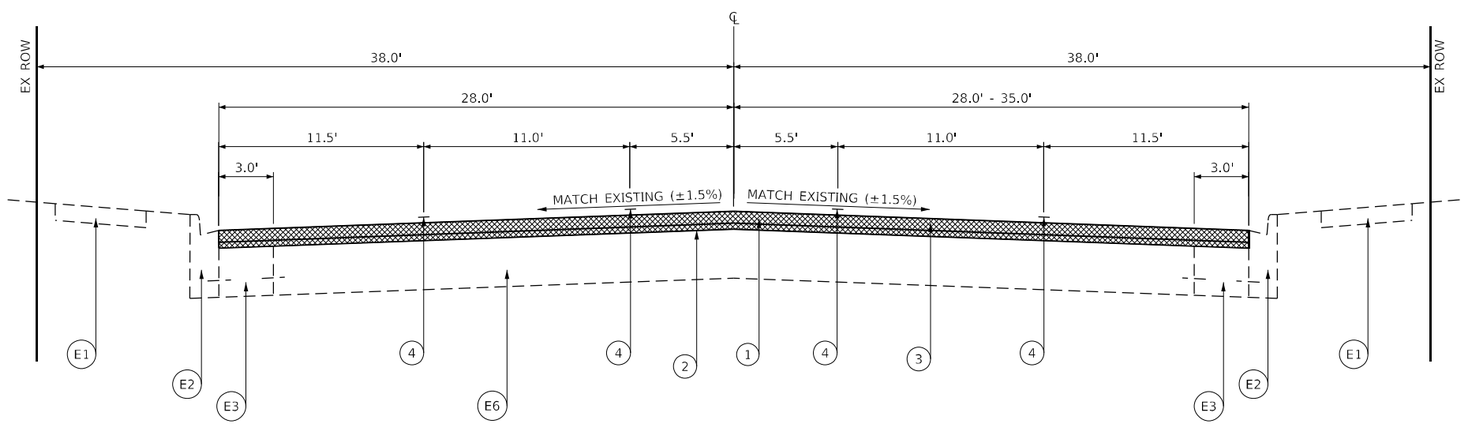
TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 135+78.00 TO STA. 140+26.00



TYPICAL RADIUS RETURN AT SIDE STREETS

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



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 140+26.00 TO STA. 162+90.00
STA. 165+95.00 TO STA. 182+92.71
STA. 0+00.00 TO STA. 5+35.00

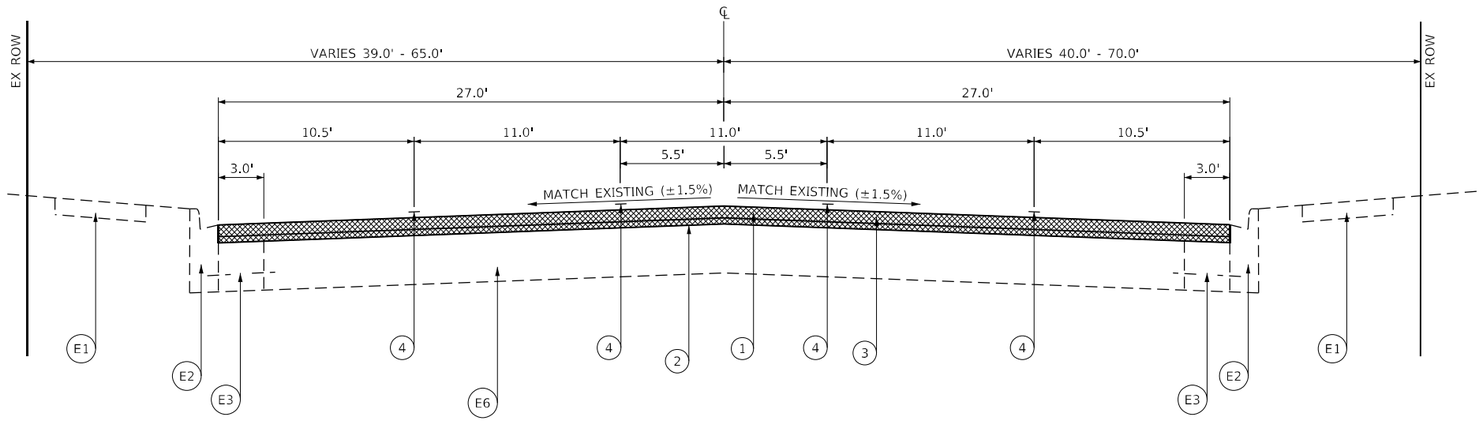
^ STA. EQUATION STA. 182+92.71 BK = STA 0+00.00 AH

MODEL: Default
FILE NAME: P:\Quincy\22files\220146\Work Order 04 - Broadway\8.Transportation\CADD Sheets\0672K42-sht Typicals.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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) TYPICAL SECTIONS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 25
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE / SHEET 1 OF 5 SHEETS / STA. / TO STA.		ILLINOIS	FED. AID PROJECT	

LEGEND

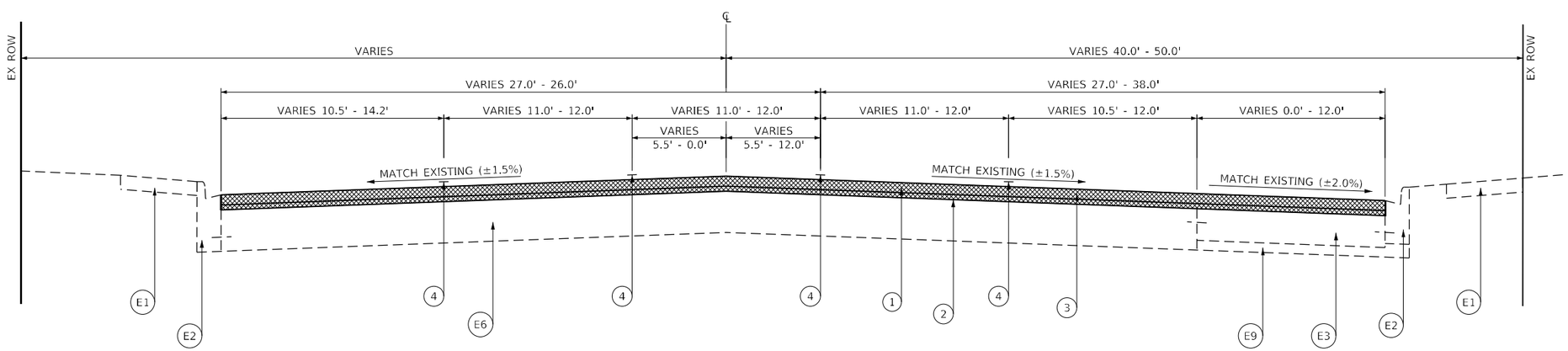
- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (E3) EXISTING PCC BASE COURSE WIDENING (9")
- (E4) EXISTING PCC BASE COURSE WIDENING (10")
- (E5) EXISTING PAVEMENT PCC (10")
- (E6) EXISTING PAVEMENT HMA & PCC (12")
- (E7) EXISTING CONCRETE GUTTER
- (E8) EXISTING RETAING WALL
- (E9) EXISTING SUB-BASE GRANULAR MATERIAL
- (E10) EXISTING PIPE UNDERDRAINS, 4"
- (E11) EXISTING CONCRETE MEDIAN
- (1) PROPOSED HMA SURFACE REMOVAL (2.25")
- (2) PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- (3) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- (4) PROPOSED PAVEMENT MARKING



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 11+64.00 TO STA. 30+21.32
STA. 41+24.64 TO STA. 56+69.00

* NO EXISTING SIDEWALK STA. 41+24.64 TO 56+69.00 RT



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 30+21.32 TO 33+65.75

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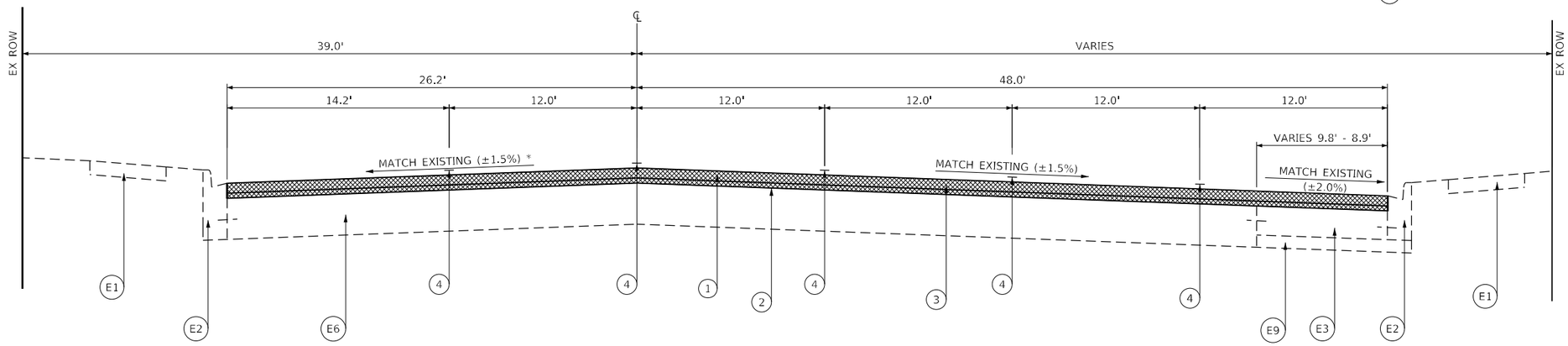
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) TYPICAL SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	26
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

LEGEND

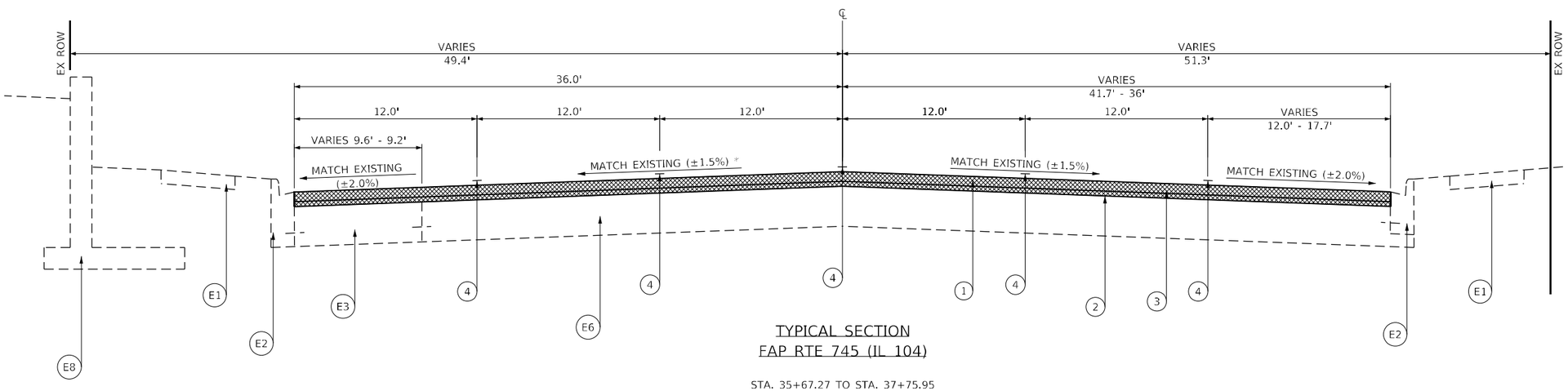
- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (E3) EXISTING PCC BASE COURSE WIDENING (9")
- (E4) EXISTING PCC BASE COURSE WIDENING (10")
- (E5) EXISTING PAVEMENT PCC (10")
- (E6) EXISTING PAVEMENT HMA & PCC (12")
- (E7) EXISTING CONCRETE GUTTER
- (E8) EXISTING RETAING WALL
- (E9) EXISTING SUB-BASE GRANULAR MATERIAL
- (E10) EXISTING PIPE UNDERDRAINS, 4"
- (E11) EXISTING CONCRETE MEDIAN
- (1) PROPOSED HMA SURFACE REMOVAL (2.25")
- (2) PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- (3) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- (4) PROPOSED PAVEMENT MARKING



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 33+65.75 TO 35+67.27

* SEE GEOMETRIC DETAIL FOR CROSS SLOPE TRANSITION FROM STA. 34+77.41 TO STA. 36+80.00



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 35+67.27 TO STA. 37+75.95

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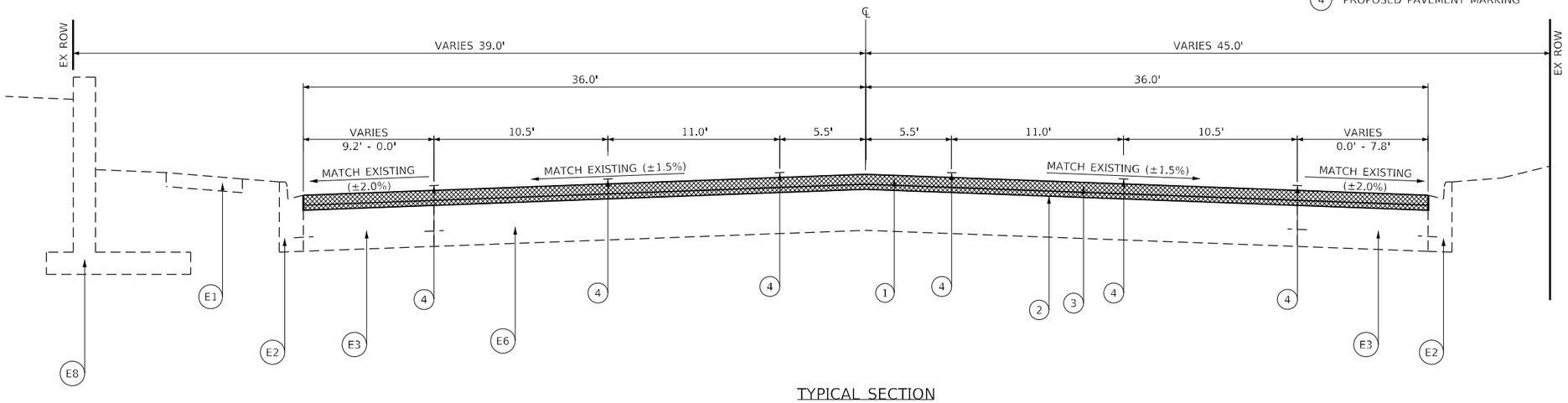
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) TYPICAL SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	27
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

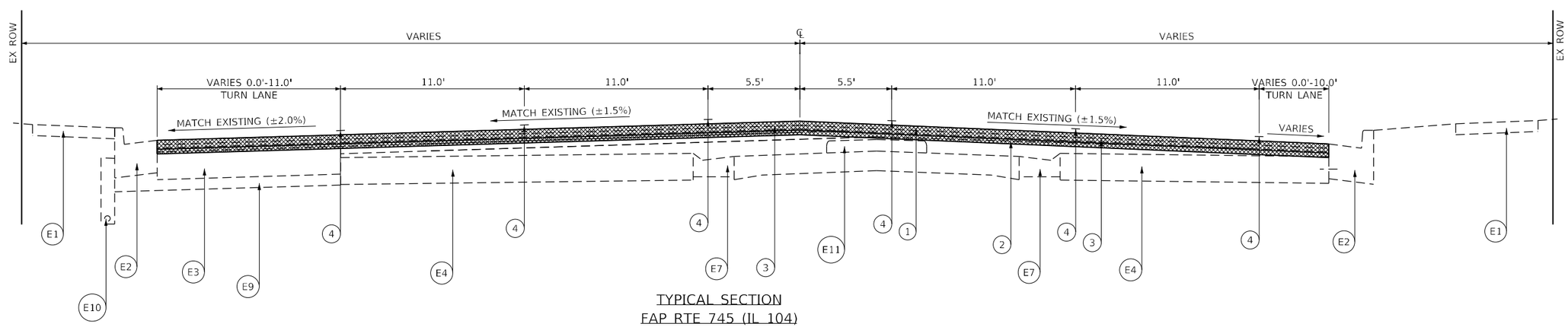
LEGEND

- E1 EXISTING PCC SIDEWALK
- E2 EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- E3 EXISTING PCC BASE COURSE WIDENING (9")
- E4 EXISTING PCC BASE COURSE WIDENING (10")
- E5 EXISTING PAVEMENT PCC (10")
- E6 EXISTING PAVEMENT HMA & PCC (12")
- E7 EXISTING CONCRETE GUTTER
- E8 EXISTING RETAING WALL
- E9 EXISTING SUB-BASE GRANULAR MATERIAL
- E10 EXISTING PIPE UNDERDRAINS, 4"
- E11 EXISTING CONCRETE MEDIAN
- 1 PROPOSED HMA SURFACE REMOVAL (2.25")
- 2 PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- 3 PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- 4 PROPOSED PAVEMENT MARKING



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 37+75.95 TO STA. 41+24.64



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 56+69.00 TO STA. 67+13.00

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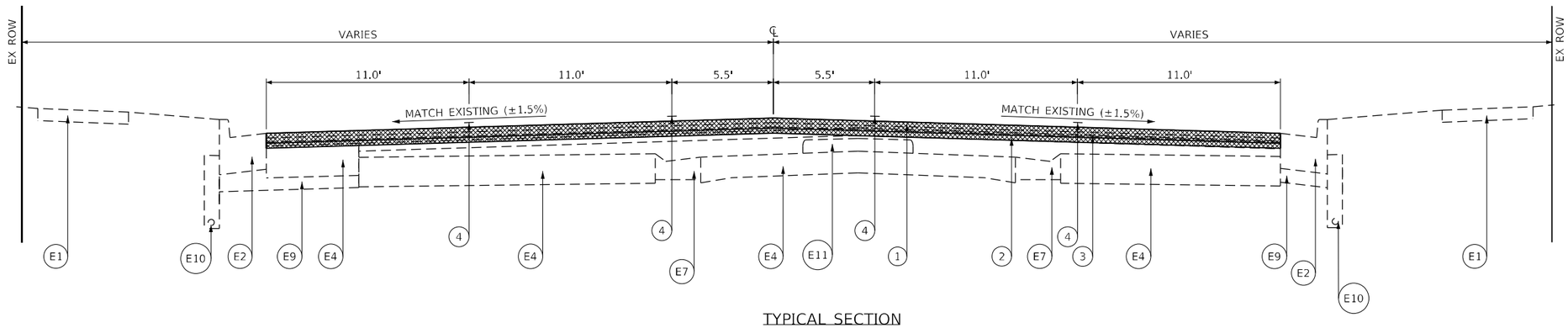
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) TYPICAL SECTIONS
		DRAWN -	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	28
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- (E1) EXISTING PCC SIDEWALK
- (E2) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (E3) EXISTING PCC BASE COURSE WIDENING (9")
- (E4) EXISTING PCC BASE COURSE WIDENING (10")
- (E5) EXISTING PAVEMENT PCC (10")
- (E6) EXISTING PAVEMENT HMA & PCC (12")
- (E7) EXISTING CONCRETE GUTTER
- (E8) EXISTING RETAING WALL
- (E9) EXISTING SUB-BASE GRANULAR MATERIAL
- (E10) EXISTING PIPE UNDERDRAINS, 4"
- (E11) EXISTING CONCRETE MEDIAN
- (1) PROPOSED HMA SURFACE REMOVAL (2.25")
- (2) PROPOSED POLYMERIZED HMA BINDER, IL-4.75, N50 (0.75")
- (3) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "D" N50 (1.5")
- (4) PROPOSED PAVEMENT MARKING



TYPICAL SECTION
FAP RTE 745 (IL 104)

STA. 67+13.00 TO STA. 70+59.00

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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

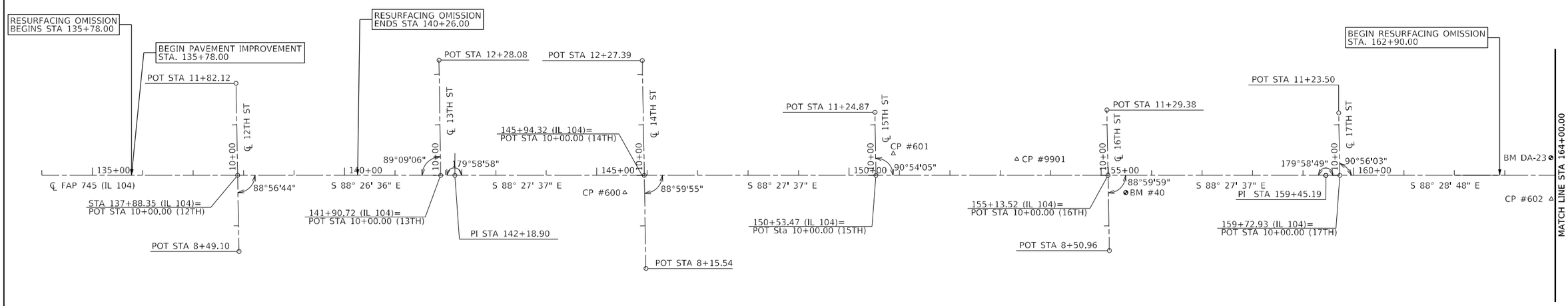
FAP RTE 745 (IL 104)
TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	29
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM #40	622.234	CHSLD "□" CORNER RETAINING WALL SE QUAD BROADWAY & 16TH STREET. STA. 155+48.8 34.2' RT
BM DA-23	617.124	CHSLD "□" MAST ARM FOUNDATION NW QUAD BROADWAY & 18TH STREET. STA. 163+91.3 34.8' LT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #600	1,192,733.789	1,952,475.707	STARDRILL IN CHISELED X. STA 145+55.7, 34.3' RT
CP #601	1,192,796.865	1,953,009.642	#4 REBAR WITH CAP FLUSH. STA 150+87.8, 43.0' LT
CP #9901	1,192,779.272	1,953,254.232	#4 REBAR WITH CAP FLUSH. STA 153+32.7, 32.0' LT
CP #602	1,192,672.185	1,954,311.082	#4 REBAR WITH CAP BURIED 3". STA 163+92.1, 46.8' RT



ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
PI	119+12.26	1,192,839.8441	1,949,834.1441
POT	137+88.35	1,192,788.8744	1,951,709.5405
POT	141+90.72	1,192,777.9350	1,952,111.7610
PI	142+18.90	1,192,777.1775	1,952,139.9379
POT	145+94.32	1,192,767.0905	1,952,515.2244
POT	150+53.47	1,192,754.7539	1,952,974.2050
POT	155+13.52	1,192,742.3932	1,953,434.0851
PI	159+45.19	1,192,730.7947	1,953,865.6055
POT	159+72.93	1,192,730.0590	1,953,893.3330

ALIGNMENT COORDINATES - 12TH ST			
POINT	STATION	N	E
POT	8+49.10	1,192,637.9841	1,951,708.2175
POT	10+00.00	1,192,788.8744	1,951,709.5405
POT	11+82.12	1,192,970.9919	1,951,711.1374

ALIGNMENT COORDINATES - 13TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,777.9350	1,952,111.7610
POT	12+28.08	1,193,005.9986	1,952,114.5813

ALIGNMENT COORDINATES - 14TH ST			
POINT	STATION	N	E
POT	8+15.54	1,192,582.6435	1,952,513.4921
POT	10+00.00	1,192,767.0905	1,952,515.2244
POT	12+27.39	1,192,994.4725	1,952,517.3600

ALIGNMENT COORDINATES - 15TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,754.7539	1,952,974.2050
POT	11+24.87	1,192,879.6186	1,952,975.5962

ALIGNMENT COORDINATES - 16TH ST			
POINT	STATION	N	E
POT	8+50.96	1,192,593.3607	1,953,432.6824
POT	10+00.00	1,192,742.3932	1,953,434.0851
POT	11+29.38	1,192,871.7623	1,953,435.3026

ALIGNMENT COORDINATES - 17TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,730.0590	1,953,893.3330
POT	11+23.50	1,192,853.5478	1,953,894.5956

N

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0084 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

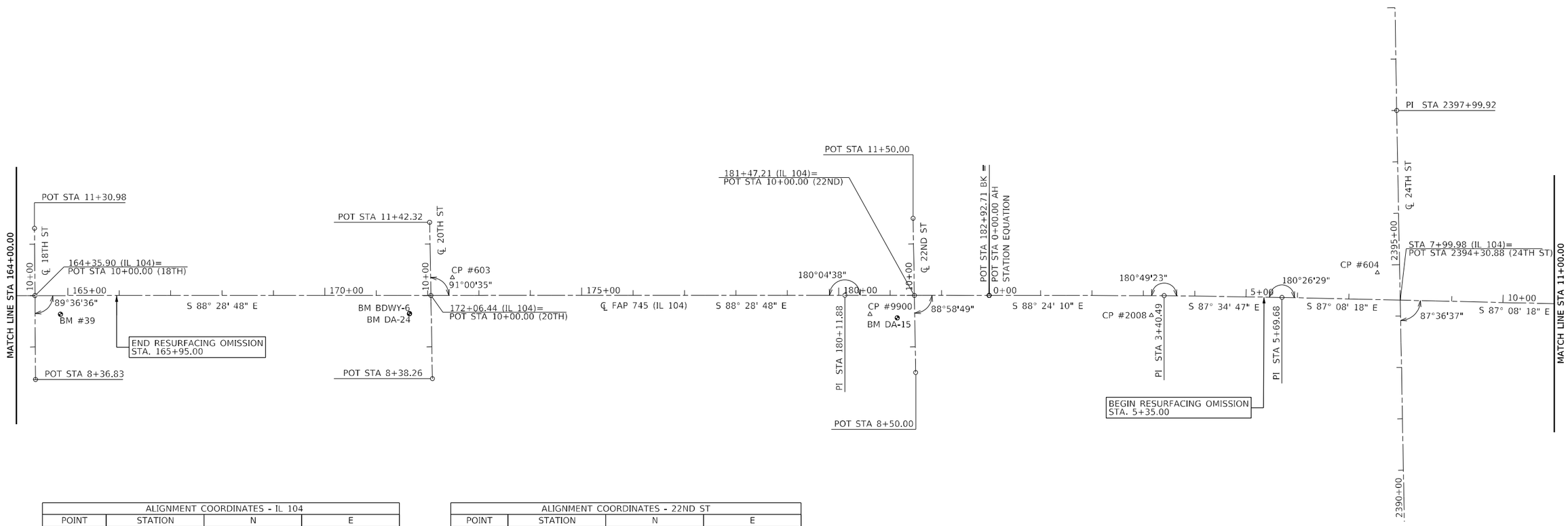
FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 1 OF 4 SHEETS | STA. 134+00.00 TO STA. 164+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	30
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM #39	617.761	CHSLD "□" SW CORNER CONCRETE LID FOR STORM SEWER INLET SE QUAD BROADWAY & 18TH STREET. STA. 164+85.4 36.4' RT
BM DA-24	625.770	CHSLD "□" LIGHT POLE FOUNDATION JUST S OF BM BDWY-6 SW QUAD BROADWAY & 20TH STREET. STA. 171+64.5 35.7' RT
BM BDWY-6	625.481	CHSLD "□" TOP SIDEWALK N OF LIGHT POLE SW QUAD BROADWAY & 20TH STREET. STA. 171+64.8 35.3' RT
BM DA-15	630.776	CHSLD "X" NW BOLT SIGN FOUNDATION SW QUAD BROADWAY & 22ND STREET. STA. 181+13.9 43.9' RT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #603	1,192,731.077	1,955,169.055	STARDRILL IN CHISELED X. STA 172+48.2, 34.8' LT
CP #9900	1,192,637.906	1,955,979.369	#4 REBAR WITH CAP FLUSH. STA 180+60.7, 36.7' RT
CP #2008	1,192,621.021	1,956,526.738	#4 REBAR WITH CAP FLUSH. STA 3+15.60, 38.3' RT
CP #604	1,192,692.206	1,956,968.566	CHISELED '+' IN S.W. STA 7+54.20, 52.5' LT



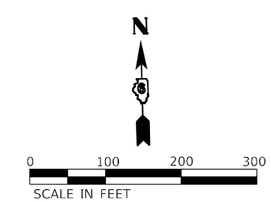
ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
POT	164+35.90	1,192,717.7789	1,954,356.1443
POT	172+06.44	1,192,697.3409	1,955,126.4126
PI	180+11.88	1,192,675.9771	1,955,931.5704
POT	181+47.20	1,192,672.2055	1,956,066.8384
POT STA. EQ	182+92.71 BK =	1,192,668.1501	1,956,212.2880
	0+00.00 AH	1,192,668.1501	1,956,212.2880
PI	3+40.49	1,192,658.6602	1,956,552.6456
PI	5+69.68	1,192,648.9822	1,956,781.6303
POT	7+99.98	1,192,637.4845	1,957,011.6430

ALIGNMENT COORDINATES - 22ND ST			
POINT	STATION	N	E
POT	8+50.00	1,192,522.2132	1,956,065.3271
POT	10+00.00	1,192,672.2055	1,956,066.8384
POT	11+50.00	1,192,822.1979	1,956,068.3497

ALIGNMENT COORDINATES - 24TH ST			
POINT	STATION	N	E
PI	2383+01.83	1,191,508.4713	1,957,002.3429
POT	2394+30.88	1,192,637.4845	1,957,011.6430
PI	2397+99.92	1,193,006.5063	1,957,014.6828

ALIGNMENT COORDINATES - 18TH ST			
POINT	STATION	N	E
POT	8+36.83	1,192,554.6423	1,954,352.9270
POT	10+00.00	1,192,717.7789	1,954,356.1443
POT	11+30.98	1,192,848.7288	1,954,358.7267

ALIGNMENT COORDINATES - 20TH ST			
POINT	STATION	N	E
POT	8+38.26	1,192,535.6078	1,955,124.9723
POT	10+00.00	1,192,697.3409	1,955,126.4126
POT	11+42.32	1,192,839.6571	1,955,127.6800



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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

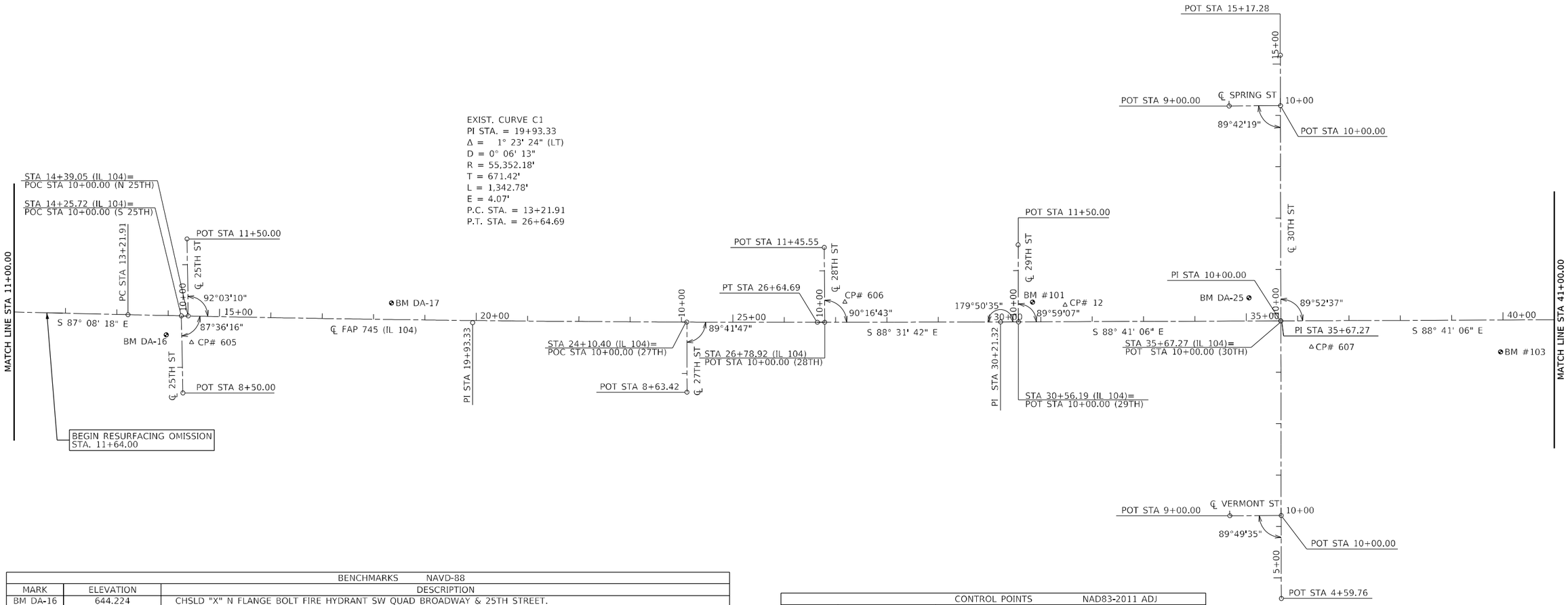
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 2 OF 4 SHEETS | STA. 164+00.00 TO STA. 11+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	31
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM DA-16	644.224	CHSLD "X" N FLANGE BOLT FIRE HYDRANT SW QUAD BROADWAY & 25TH STREET. STA. 13+97.4 37.7' RT
BM DA-17	651.428	CHSLD "X" S FLANGE BOLT FIRE HYDRANT N SIDE BROADWAY AT TITLE MAX APPROXIMATLY 400FT E OF 25TH STREET. STA. 18+34.7 32.2' LT
BM #101	656.886	CHSLD "□" TOP CURB PARKING LOT NE QUAD BROADWAY & 29TH STREET. STA. 30+83.9 38.3' LT
BM DA-25	657.932	CUT "X" MAST ARM FOUNDATION NW QUAD BROADWAY & 30TH STREET. STA. 35+05.5 45.4' LT
BM #103	649.119	CHSLD "□" NE CORNER STAPLES SIGN FOUNDATION S SIDE BROADWAY APPROXIMATLY 425FT E OF 30TH STREET. STA. 39+94.9 62.1' RT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #605	1,192,554.321	1,957,655.287	#4 REBAR BURIED 3". STA 14+46.90, 51.1' RT
CP #606	1,192,598.684	1,958,929.163	#4 REBAR WITH CAP BURIED 3". STA 27+18.10, 39.4' LT
CP #12	1,192,580.937	1,959,357.972	STAR DRILL IN CHISELED X. STA 31+47.40, 32.3' LT
CP #607	1,192,486.649	1,959,835.193	STAR DRILL IN CHISELED X. STA 36+26.60, 51.0' RT

ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
PC	13+21.91	1,192,611.4272	1,957,532.9251
POC	14+25.72	1,192,606.3418	1,957,636.6092
POC	14+39.05	1,192,605.7028	1,957,649.9269
PI	19+93.33	1,192,577.9067	1,958,203.5099
POC	24+10.40	1,192,567.7770	1,958,620.5221
PT	26+64.69	1,192,560.6621	1,958,874.7104
POT	26+78.92	1,192,560.2967	1,958,888.9309
PI	30+21.32	1,192,551.5025	1,959,231.2203
POT	30+56.19	1,192,550.7023	1,959,266.0856
POT	35+67.27	1,192,538.9747	1,959,777.0301

ALIGNMENT COORDINATES - S 25TH ST			
POINT	STATION	N	E
POT	8+50.00	1,192,456.3448	1,957,635.6703
POT	10+00.00	1,192,606.3418	1,957,636.6092

ALIGNMENT COORDINATES - N 25TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,605.7028	1,957,649.9269
POT	11+50.00	1,192,755.6920	1,957,651.7271

ALIGNMENT COORDINATES - 27TH ST			
POINT	STATION	N	E
POT	8+63.42	1,192,431.2386	1,958,617.1105
POT	10+00.00	1,192,567.7770	1,958,620.5221

ALIGNMENT COORDINATES - 28TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,560.2967	1,958,888.9309
POT	11+45.55	1,192,705.8157	1,958,891.9616

ALIGNMENT COORDINATES - 29TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,550.7023	1,959,266.0856
POT	11+50.00	1,192,700.6619	1,959,269.5664

ALIGNMENT COORDINATES - 30TH ST			
POINT	STATION	N	E
POT	4+59.76	1,191,998.9018	1,959,763.4741
POT	6+21.19	1,192,160.2873	1,959,767.5249
POT	10+00.00	1,192,538.9747	1,959,777.0301
POT	14+19.00	1,192,957.8456	1,959,787.5438
POT	15+17.28	1,193,056.0968	1,959,790.0100

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 3 OF 4 SHEETS | STA. 11+00.00 TO STA. 41+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	32

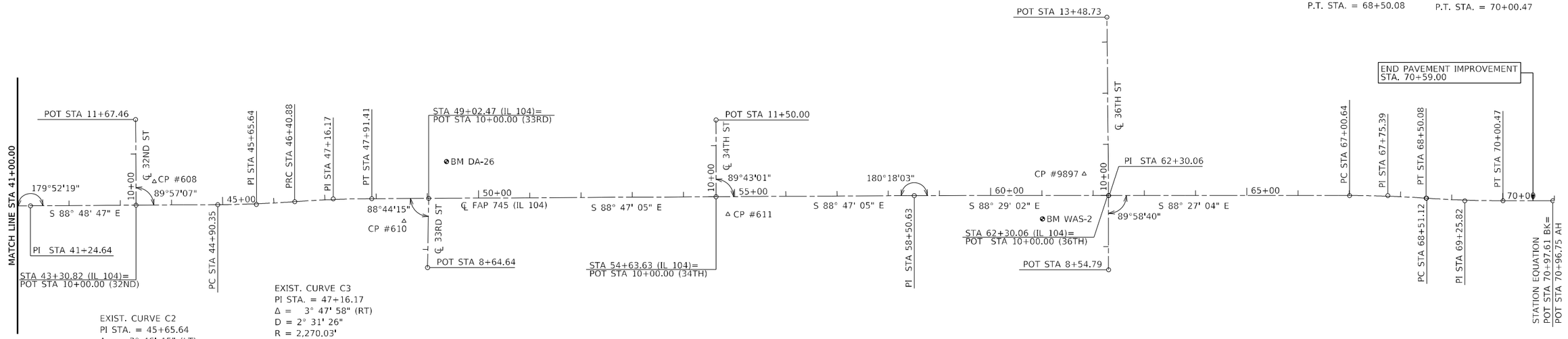
CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT

BENCHMARKS NAVD-88		
MARK	ELEVATION	DESCRIPTION
BM DA-26	645.749	CHSLD "□" LIGHT POLE FOUNDATION NE QUAD BROADWAY & 33RD STREET. STA. 49+37.7 71.7' LT
BM WAS-2	673.254	CHSLD "X" NE BOLT LARGE STEEL POWER POLE APPROXIMATE 100FT W OF 36TH STREET AND S SIDE BROADWAY. STA. 61+01.2 45.6' RT

CONTROL POINTS NAD83-2011 ADJ			
MARK	N	E	DESCRIPTION
CP #608	1,192,566.975	1,960,577.048	#4 REBAR WITH CAP BURIED 4". STA 43+66.50, 45.8' LT
CP #610	1,192,476.495	1,961,062.474	REBAR WITH CAP BURIED 3". STA 48+54.00, 44.4' RT
CP #611	1,192,472.924	1,961,695.001	#4 REBAR WITH CAP BURIED 4". STA 54+86.40, 34.6' RT
CP #9897	1,192,533.170	1,962,392.774	STAR DRILL IN CHISELED X TOP OF ISLAND. STA 61+82.50, 42.2' LT

EXIST. CURVE C4
PI STA. = 67+75.39
Δ = 3° 51' 59" (RT)
D = 2° 35' 14"
R = 2,214.53'
T = 74.75'
L = 149.44'
E = 1.26'
P.C. STA. = 67+00.64
P.T. STA. = 68+50.08

EXIST. CURVE C5
PI STA. = 69+25.82
Δ = 3° 53' 15" (LT)
D = 2° 36' 10"
R = 2,201.27'
T = 74.71'
L = 149.35'
E = 1.27'
P.C. STA. = 68+51.12
P.T. STA. = 70+00.47



EXIST. CURVE C2
PI STA. = 45+65.64
Δ = 3° 46' 15" (LT)
D = 2° 30' 18"
R = 2,287.22'
T = 75.29'
L = 150.53'
E = 1.24'
P.C. STA. = 44+90.35
P.T. STA. = 46+40.88

EXIST. CURVE C3
PI STA. = 47+16.17
Δ = 3° 47' 58" (RT)
D = 2° 31' 26"
R = 2,270.03'
T = 75.29'
L = 150.53'
E = 1.25'
P.C. STA. = 46+40.88
P.T. STA. = 47+91.41

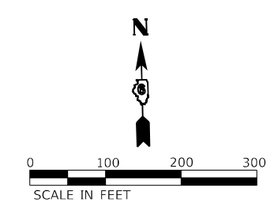
ALIGNMENT COORDINATES - IL 104			
POINT	STATION	N	E
PI	41+24.64	1,192,526.1849	1,960,334.2513
POT	43+30.82	1,192,521.9145	1,960,540.3864
PC	44+90.35	1,192,518.6103	1,960,699.8812
PI	45+65.61	1,192,517.0508	1,960,775.1572
PRC	46+40.88	1,192,520.4453	1,960,850.3729
PI	47+16.17	1,192,523.8396	1,960,925.5842
PT	47+91.41	1,192,522.2426	1,961,000.8599
POT	49+02.47	1,192,519.8842	1,961,111.8939
POT	54+63.63	1,192,507.9844	1,961,672.9245
PI	58+50.63	1,192,499.7759	1,962,059.8374
PI	62+30.06	1,192,489.7361	1,962,439.1364
PC	67+00.64	1,192,477.0173	1,962,909.5491
PI	67+75.39	1,192,474.9970	1,962,984.2697
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	70+97.61	1,192,456.2138	1,963,305.8723

ALIGNMENT COORDINATES - 32ND ST			
POINT	STATION	N	E
POT	10+00.00	1,192,521.9145	1,960,540.3864
POT	11+67.46	1,192,689.3350	1,960,543.9954

ALIGNMENT COORDINATES - 33RD ST			
POINT	STATION	N	E
POT	8+64.64	1,192,384.6561	1,961,106.0417
POT	10+00.00	1,192,519.8842	1,961,111.8939

ALIGNMENT COORDINATES - 34TH ST			
POINT	STATION	N	E
POT	10+00.00	1,192,507.9844	1,961,672.9245
POT	11+50.00	1,192,657.9331	1,961,676.8467

ALIGNMENT COORDINATES - 36TH ST			
POINT	STATION	N	E
POT	8+54.79	1,192,344.5804	1,962,435.2684
POT	10+00.00	1,192,489.7361	1,962,439.1364
POT	13+48.73	1,192,838.4135	1,962,445.3728



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

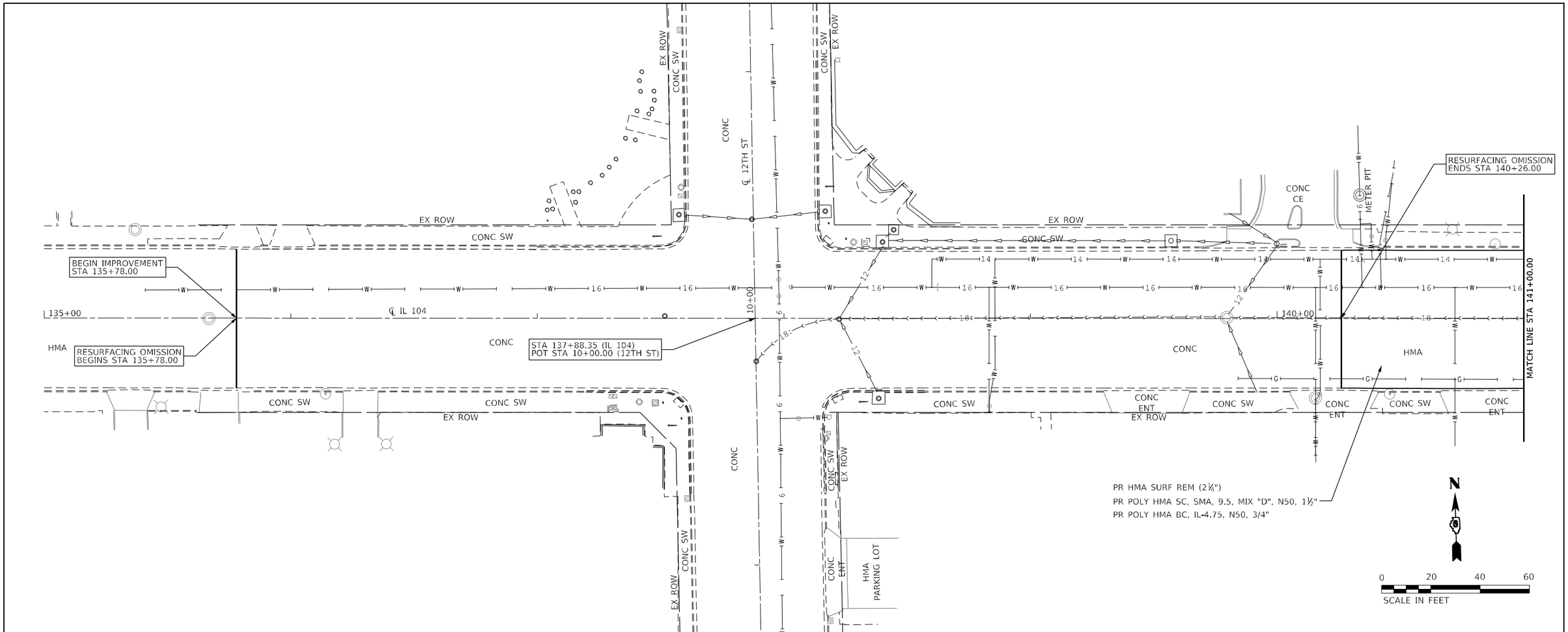
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

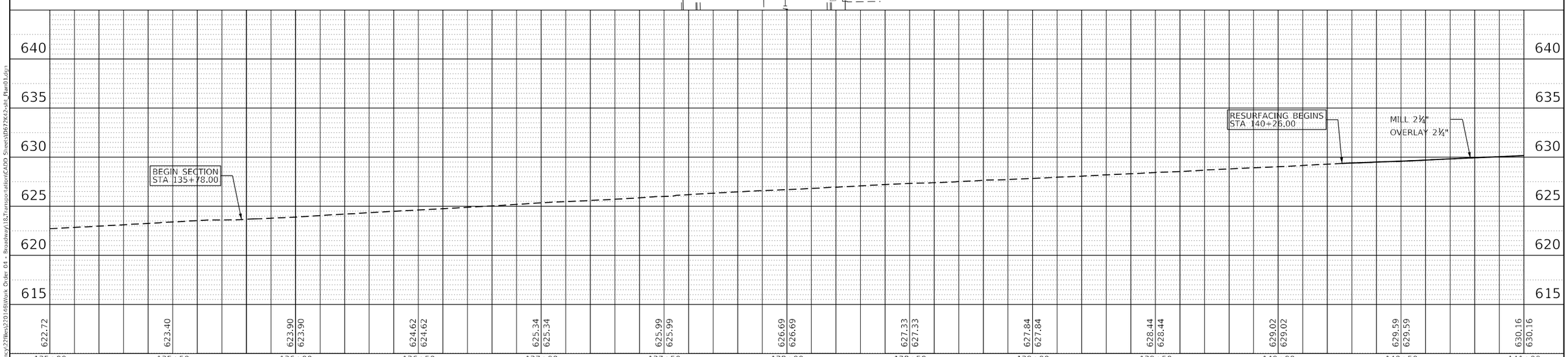
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
HORIZONTAL ALIGNMENT

SCALE: 1"=100' | SHEET 4 OF 4 SHEETS | STA. 41+00.00 TO STA. 71+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	33
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		





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PLOTTED
ALIGNMENT CHECKED
R/W CHECKED
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NOTE BOOK NO.
BY
DATE

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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 1 OF 21 SHEETS | STA. 135+00.00 TO STA. 141+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	34

CONTRACT NO. 72K42

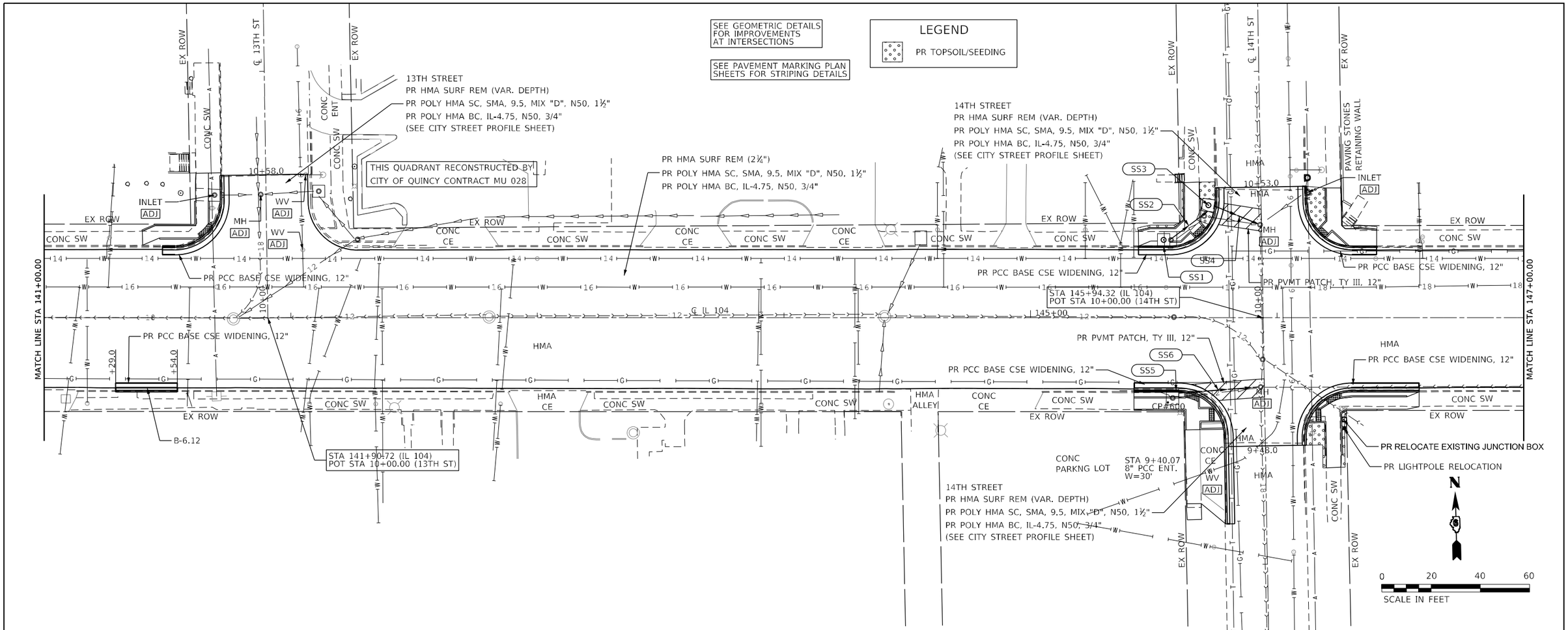
ILLINOIS | FED. AID PROJECT

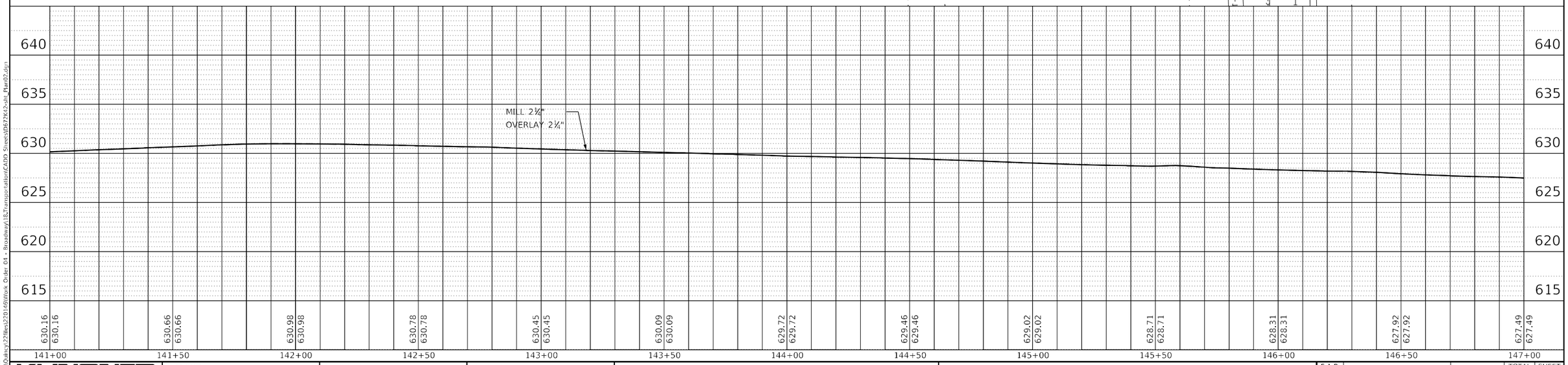
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





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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

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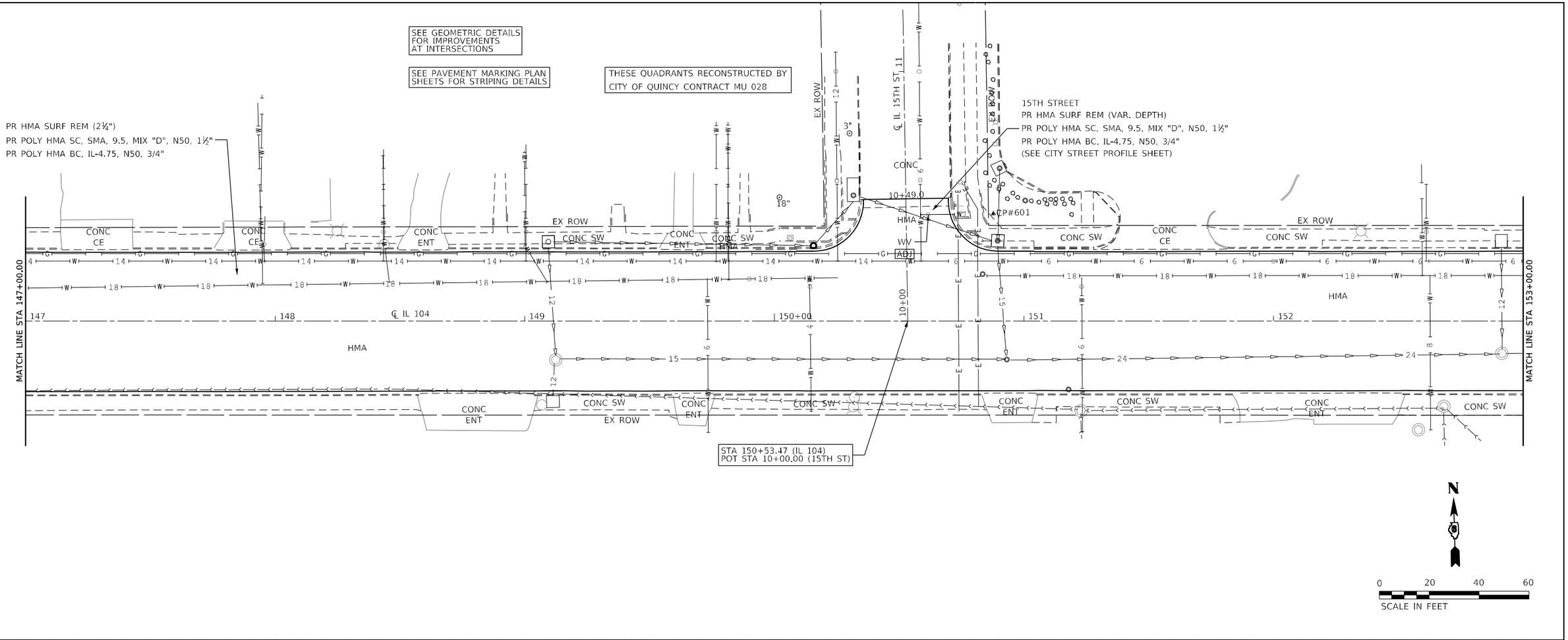
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

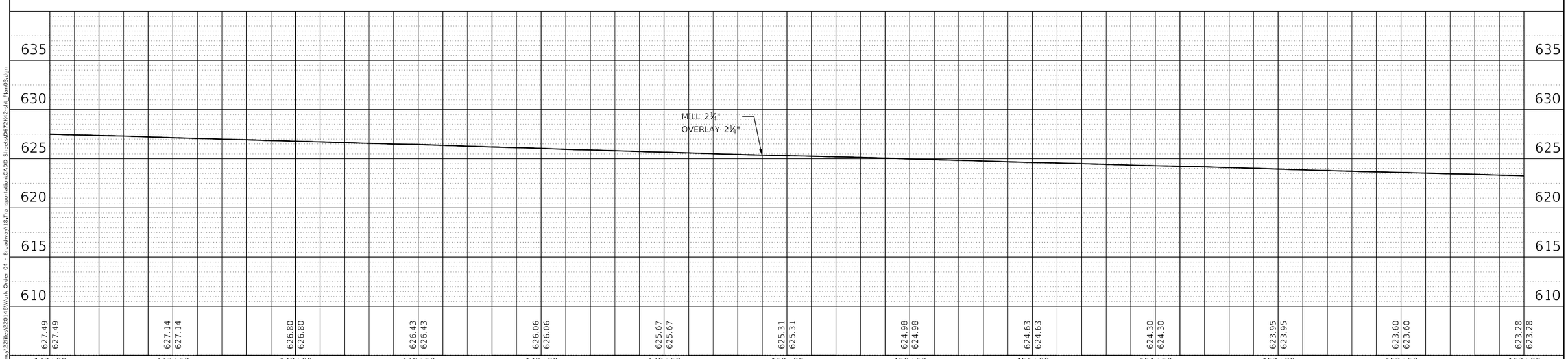
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 2 OF 21 SHEETS | STA. 141+00.00 TO STA. 147+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	35
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	





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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

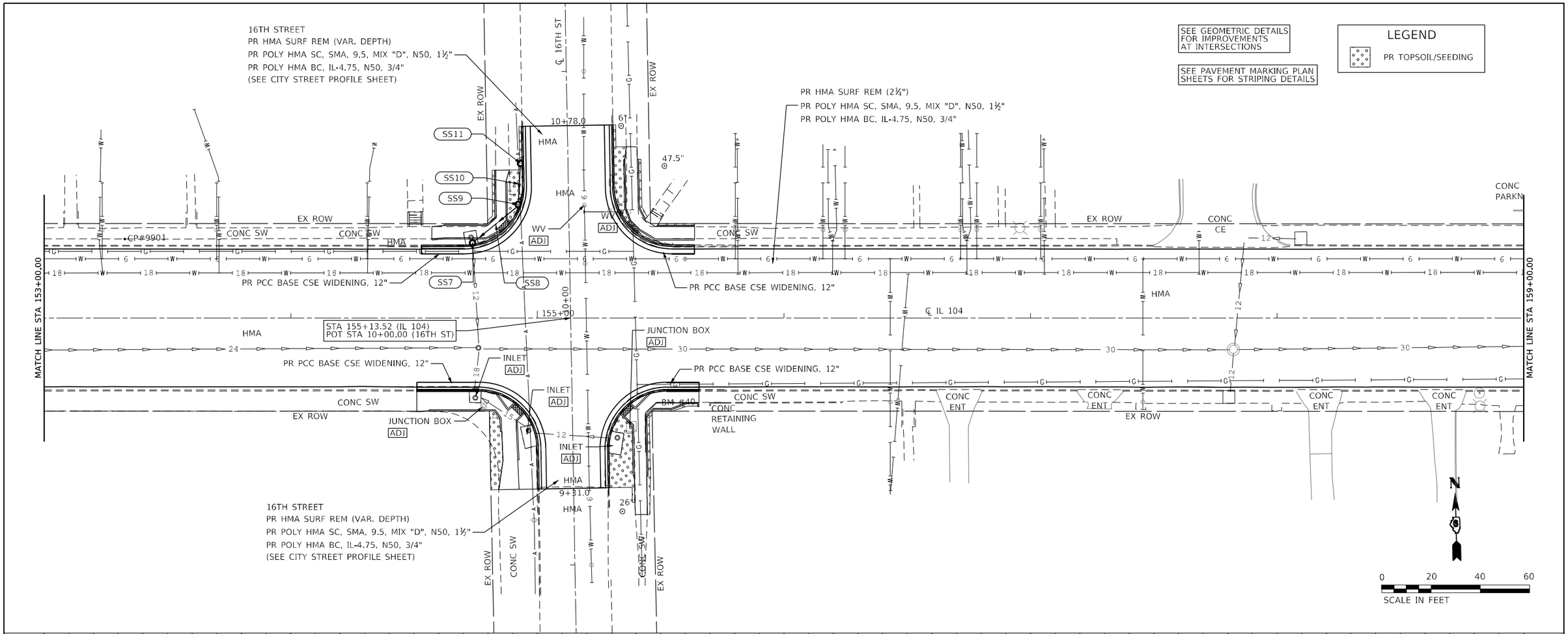
FAP RTE 745 (IL 104)
PLAN & PROFILE

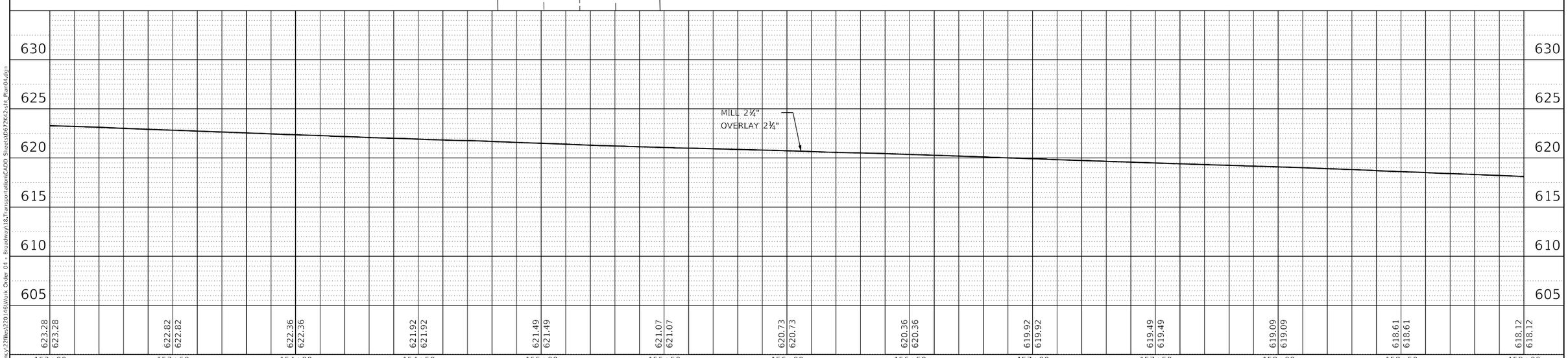
SCALE: 1"=20' | SHEET 3 OF 21 SHEETS | STA. 147+00.00 TO STA. 153+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	36

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT





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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 4 OF 21 SHEETS | STA. 153+00.00 TO STA. 159+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	37

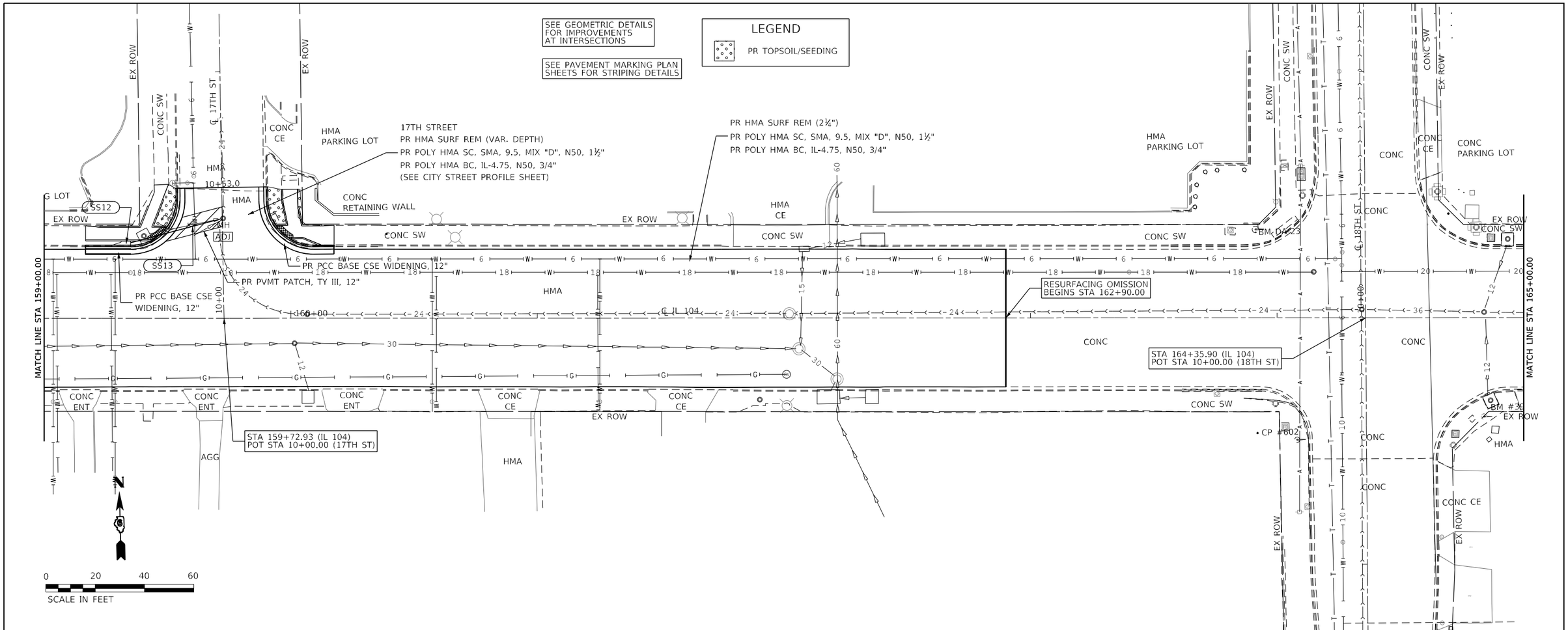
CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT

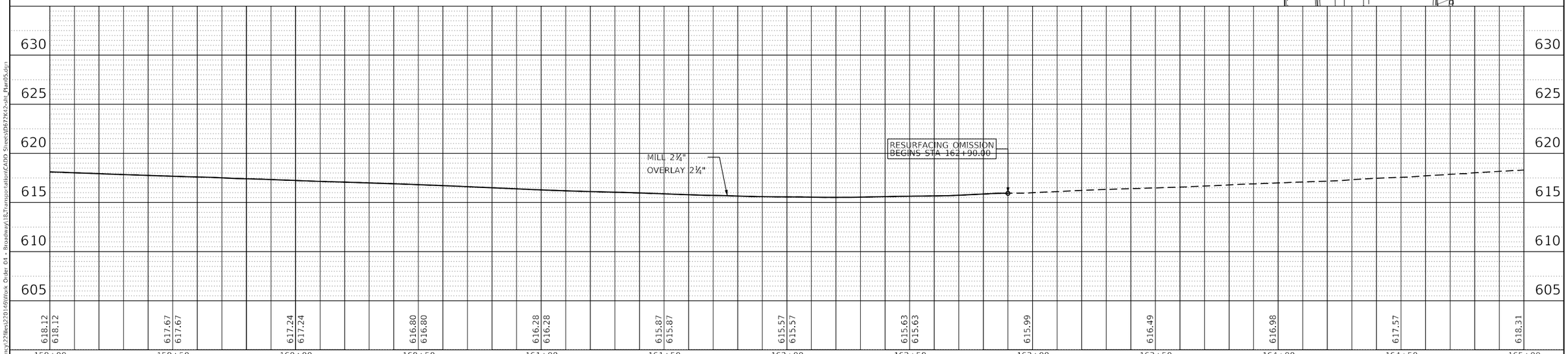
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





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 = cschenk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 5 OF 21 SHEETS | STA. 159+00.00 TO STA. 165+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	38

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

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

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY / DATE

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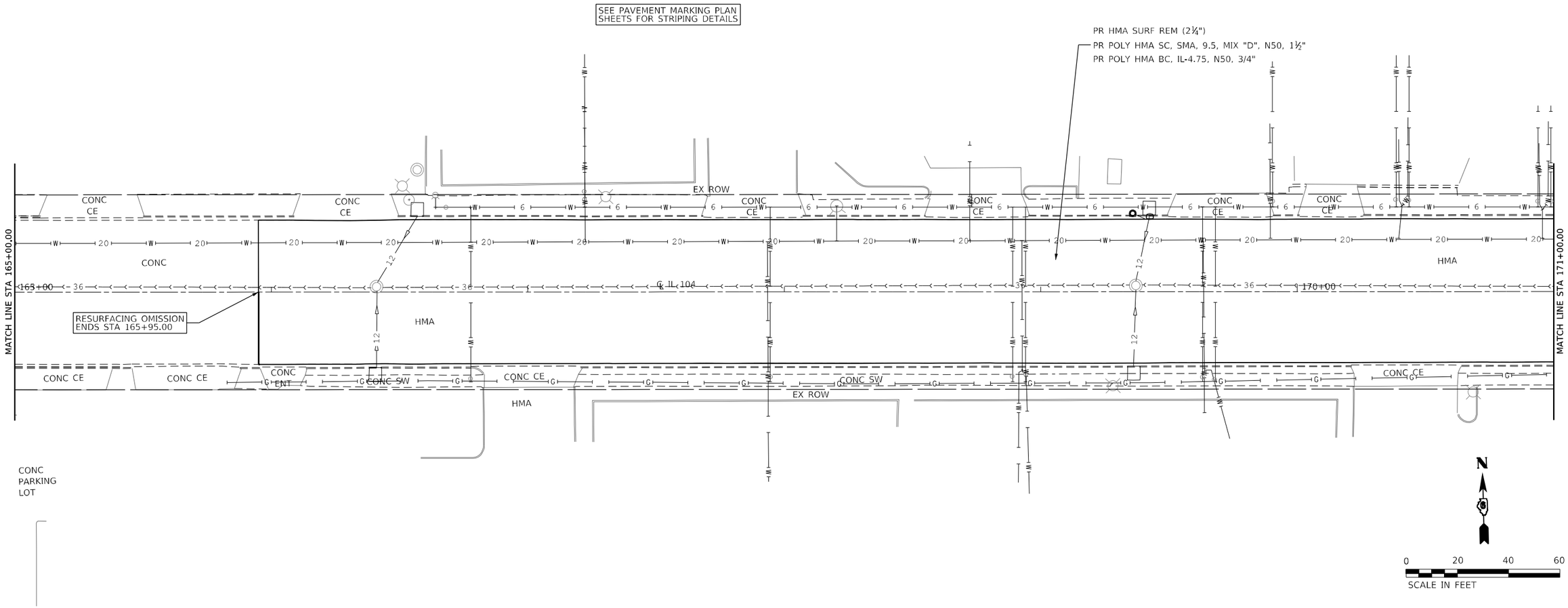

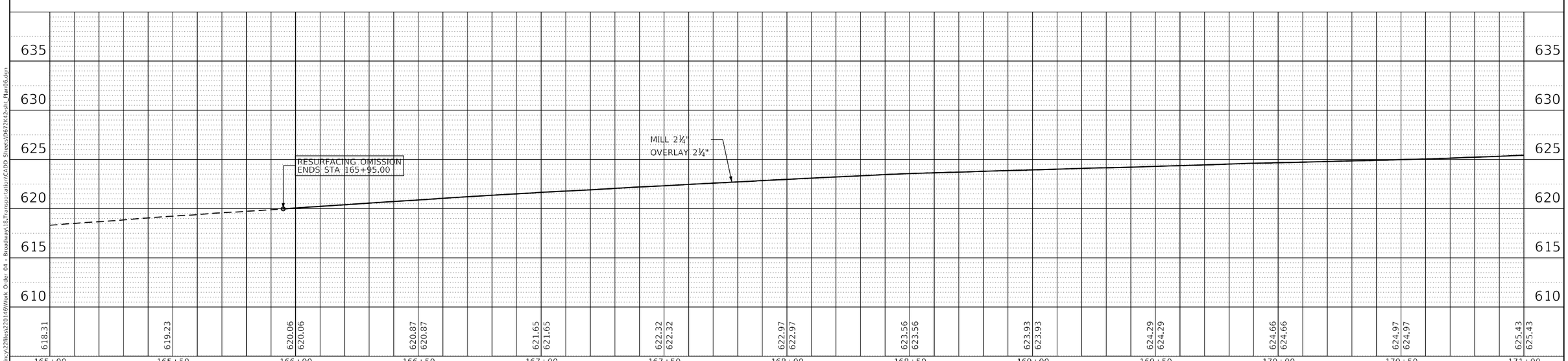

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NO.			

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

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 6 OF 21 SHEETS | STA. 165+00.00 TO STA. 171+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	39
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING

20TH STREET
PR HMA SURF REM (VAR. DEPTH)
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
(SEE CITY STREET PROFILE SHEET)

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 RETAINING WALL

HMA PARKING LOT

BUILDING

WV ADJ

INLET ADJ

CP #633

PR PCC BASE CSE WIDENING, 12"

STA 172+06.44 (IL 104)
POT STA 10+00.00 (20TH ST)

SS14

SS15

SS16

BM BDW

BM DA-2

PR 8" PCC ENTRANCE

MATCH LINE STA 171+00.00

MATCH LINE STA 177+00.00

℄ 20TH ST

℄ IL 104

EX ROW

CONC SW

CONC ENT

CONC CE

HMA

10+56.0

10+00

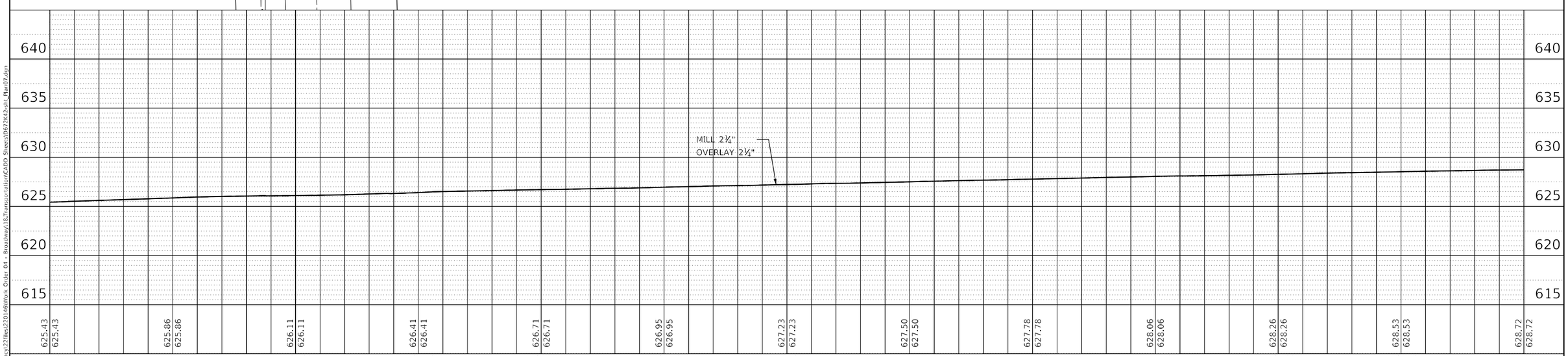
9+83.0

175+00

N

0 20 40 60

SCALE IN FEET



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PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 7 OF 21 SHEETS | STA. 171+00.00 TO STA. 177+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	40

CONTRACT NO. 72K42

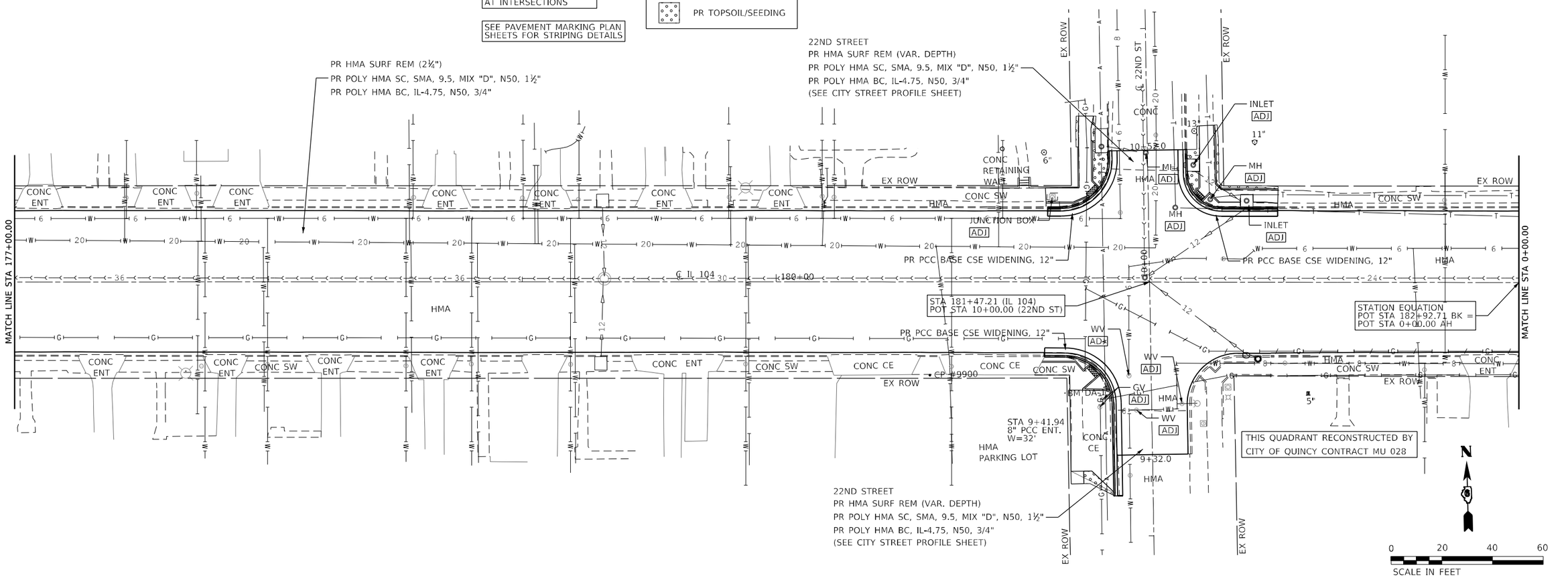
ILLINOIS | FED. AID PROJECT

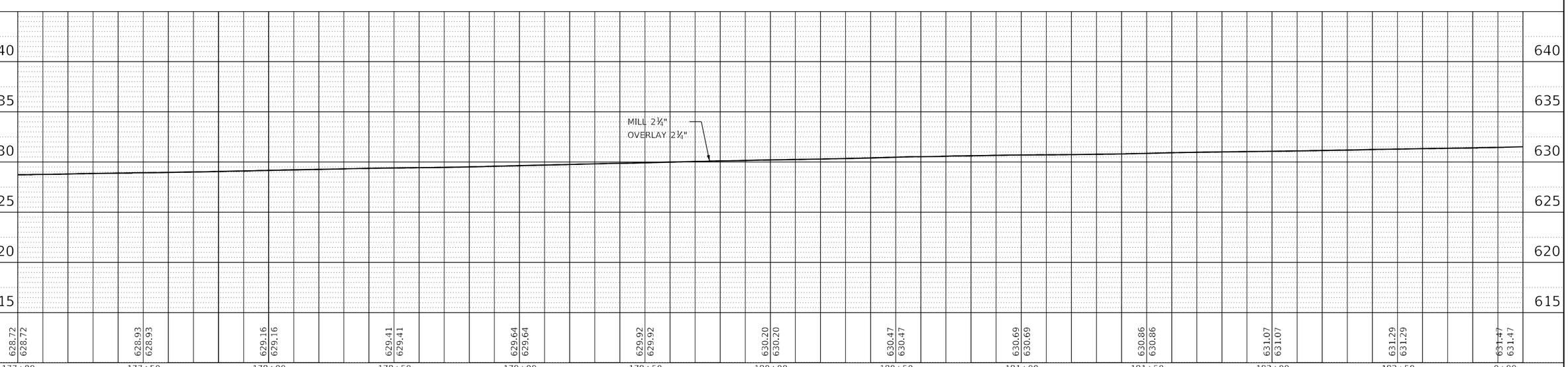
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
R/W CHECKED	
CADD FILE NAME	
NOTE BOOK NO.	

BY	DATE

PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	

BY	DATE

MODEL: Default
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Engineers • Architects • Surveyors
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

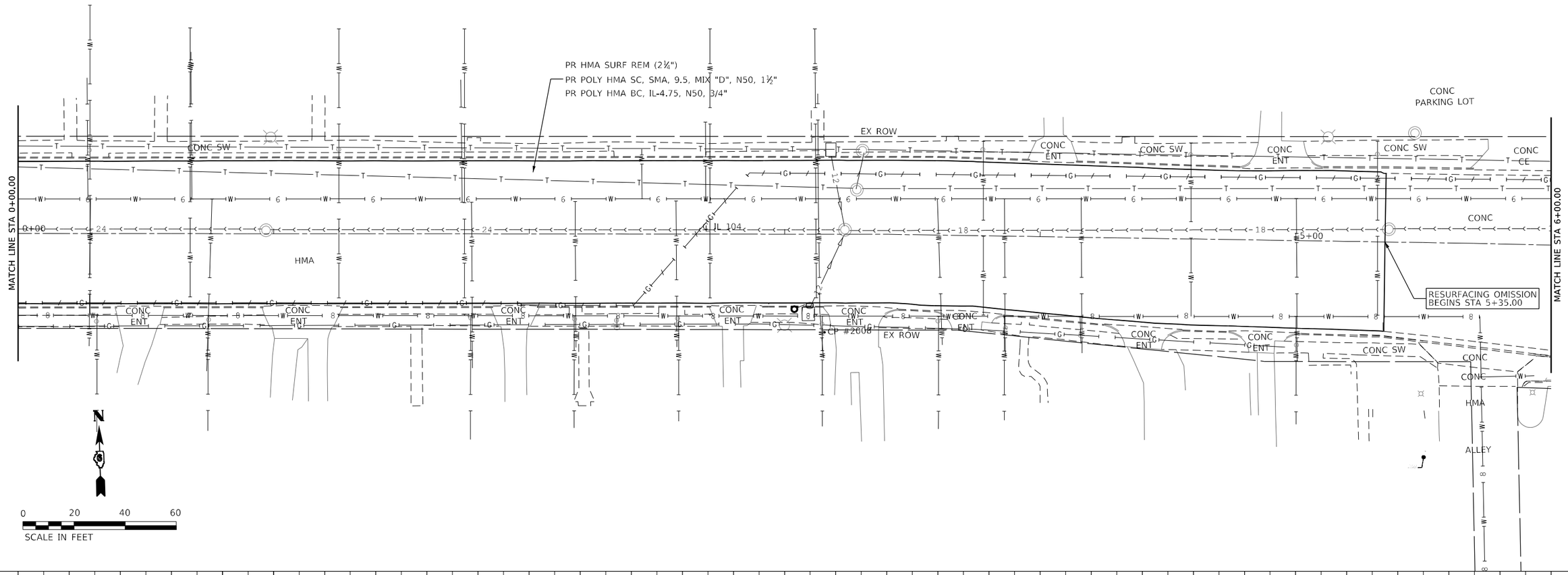
SCALE: 1"=20' | SHEET 8 OF 21 SHEETS | STA. 177+00.00 TO STA. 0+00.00

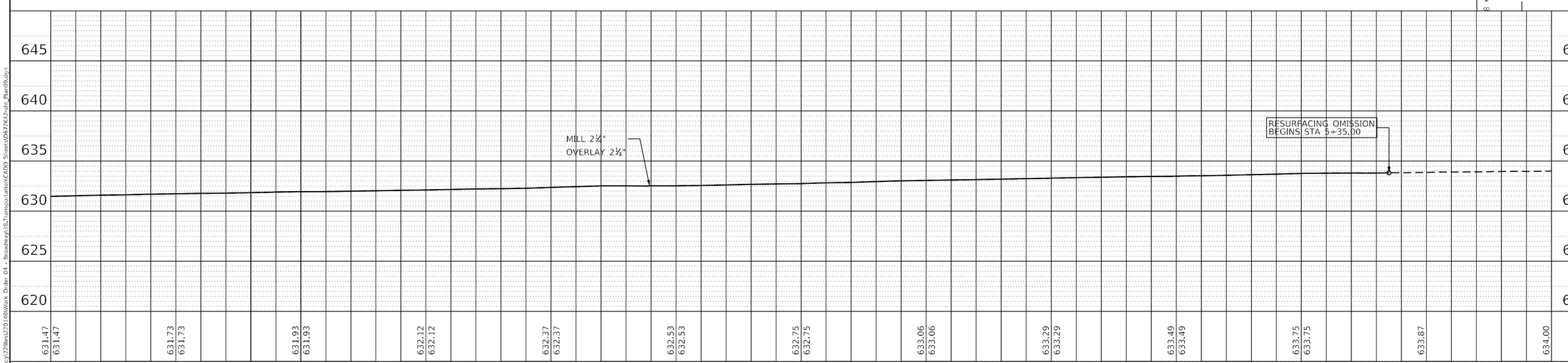
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	41

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS





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SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/W CHECKED			
NOTE BOOK	CADD FILE NAME		
NO.			

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

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 9 OF 21 SHEETS | STA. 0+00.00 TO STA. 6+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	42
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

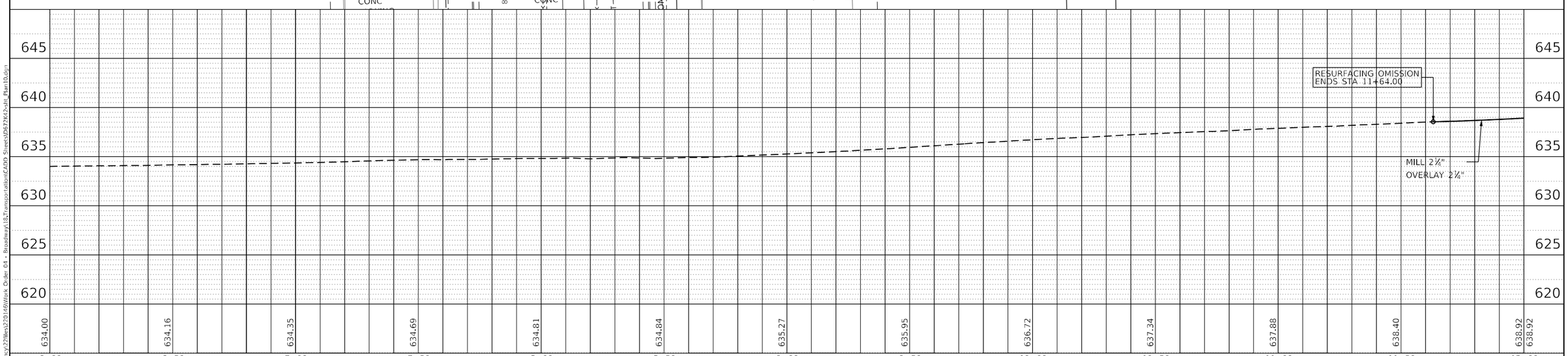
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING

BUILDING
EX ROW
CONC
CONC SW
CP #604
INLET
ADJ
℄ 24TH ST
2395+00
CONC CE
HMA PARKING LOT
℄ IL 104
MATCH LINE STA 6+00.00
MATCH LINE STA 12+00.00
10+00
STA 7+99.98 (IL 104)
POT STA 2394+30.88 (24TH ST)
RESURFACING OMISSION ENDS STA 11+64.00
HMA
CONC ENT
SS19
SS18
SS17
FIRE HYDRANT REMOVED BY CITY PROJECT
HMA CE
ALLEY
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"
N
0 20 40 60
SCALE IN FEET



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

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / S.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 10 OF 21 SHEETS | STA. 6+00.00 TO STA. 12+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	43

CONTRACT NO. 72K42

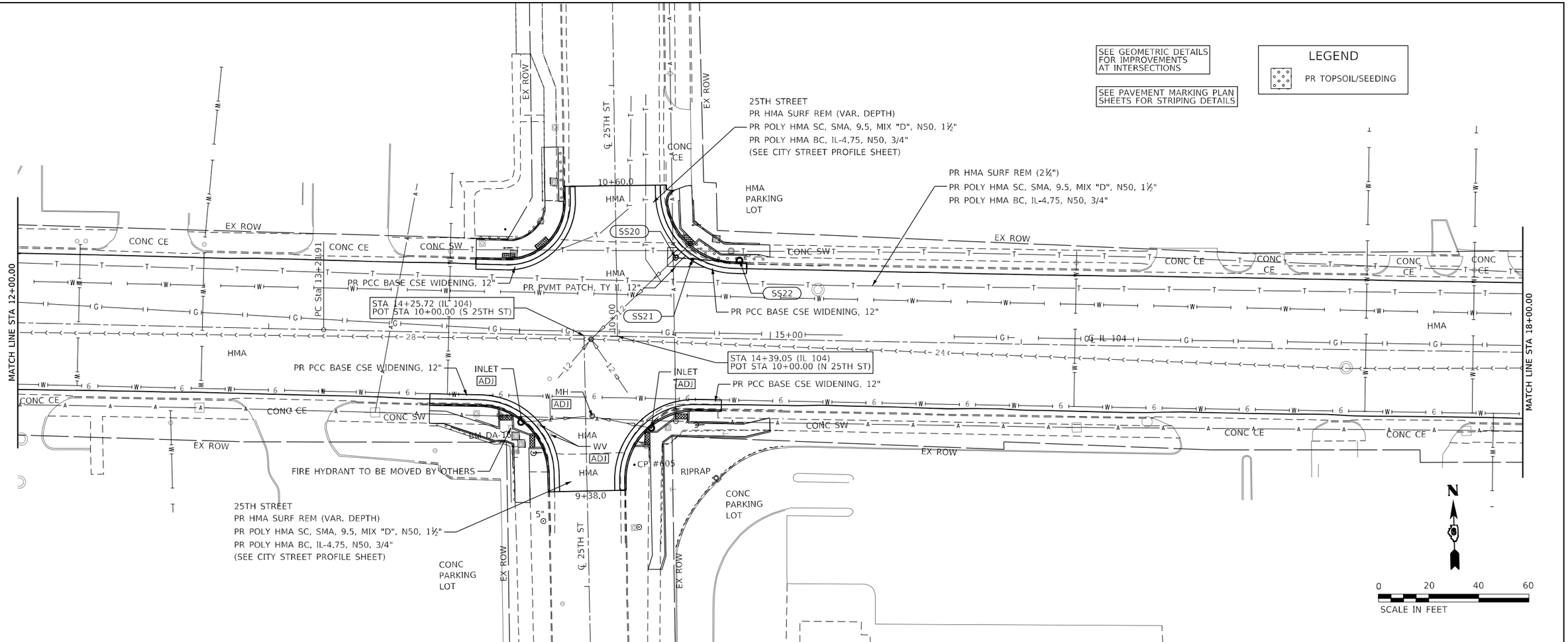
ILLINOIS | FED. AID PROJECT

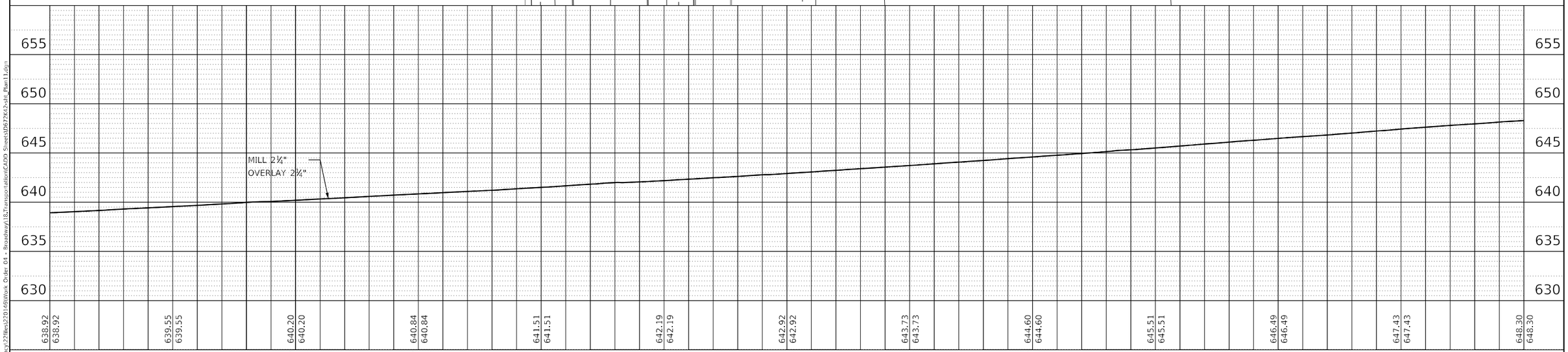
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/W CHECKED			
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NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BM. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 11 OF 21 SHEETS | STA. 12+00.00 TO STA. 18+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	44

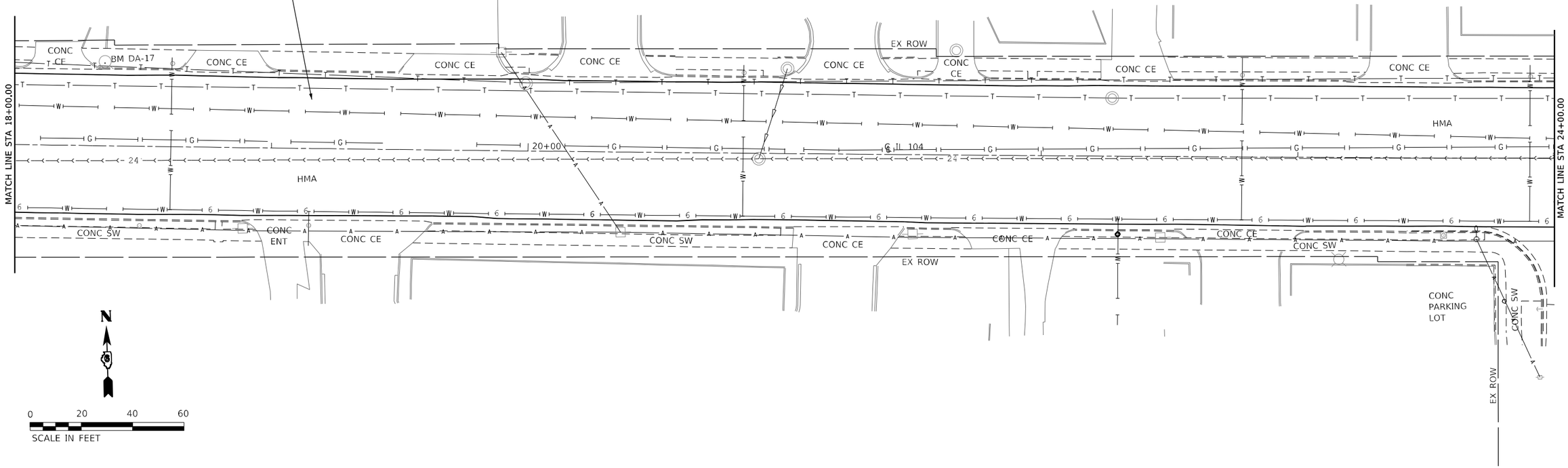
CONTRACT NO. 72K42

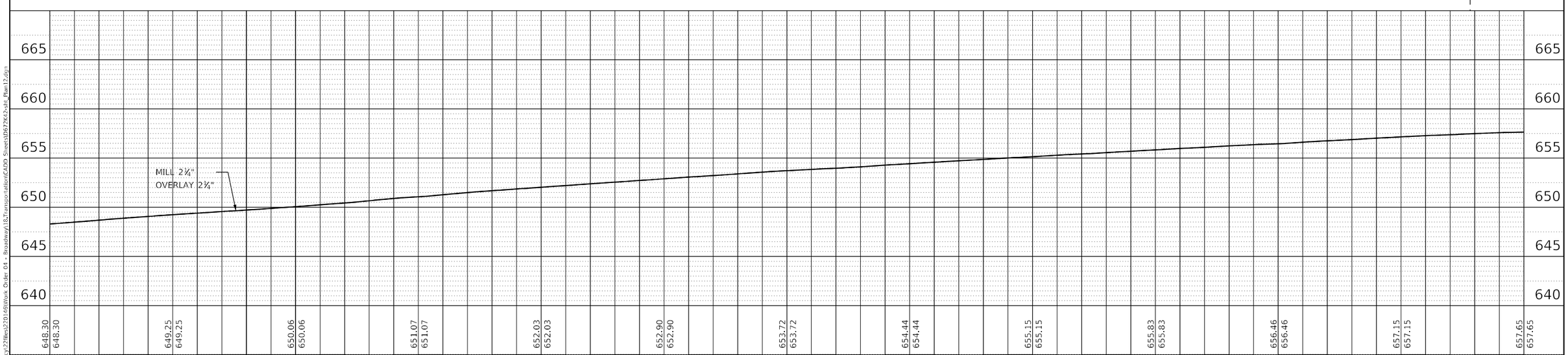
ILLINOIS | FED. AID PROJECT

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

EXIST. CURVE C1
PI STA. = 19+93.33
Δ = 1° 23' 24" (LT)
D = 0° 06' 13"
R = 55,352.18'
T = 671.42'
L = 1,342.78'
E = 4.07'
P.C. STA. = 13+21.91
P.T. STA. = 26+64.69

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





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SURVEYED			
PLOTTED			
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R/W CHECKED			
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NOTE BOOK			
NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATIONS CHKD			
NOTE BOOK			
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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 12 OF 21 SHEETS | STA. 18+00.00 TO STA. 24+00.00

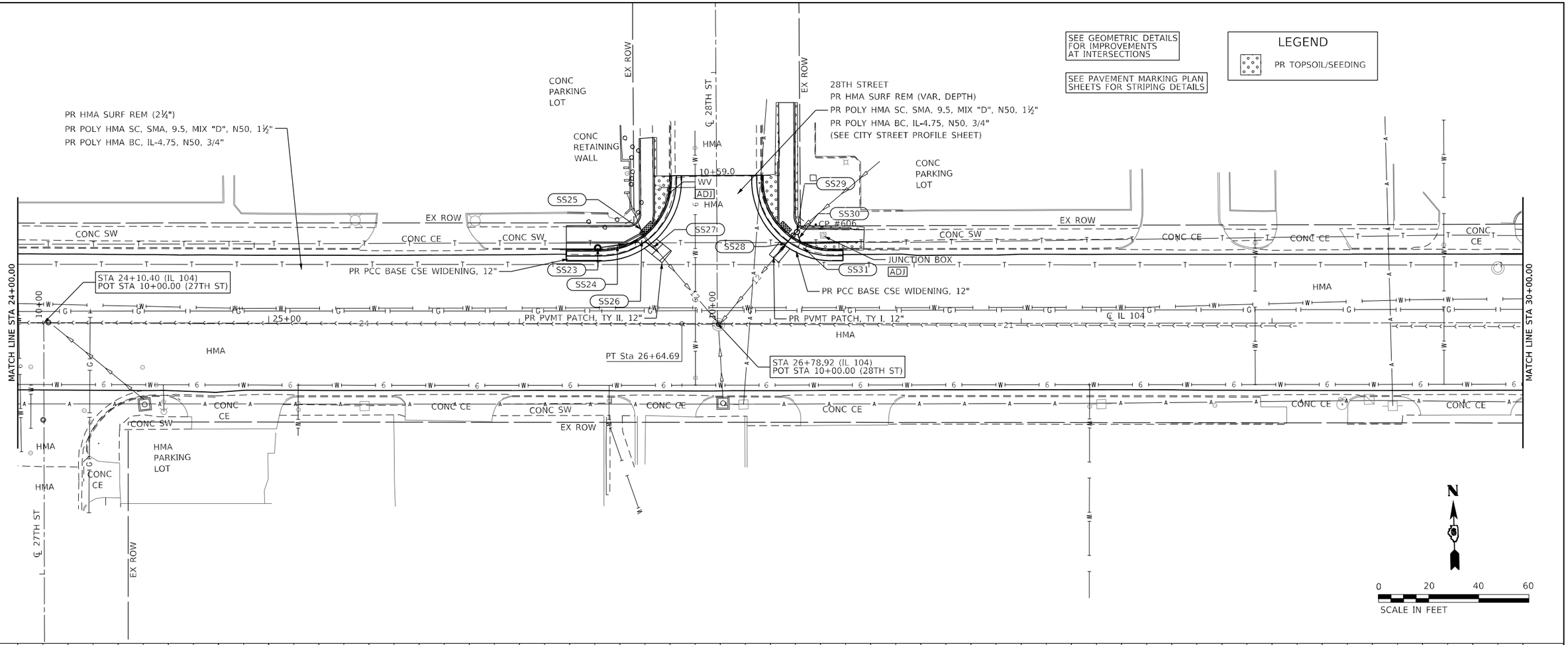
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	45
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

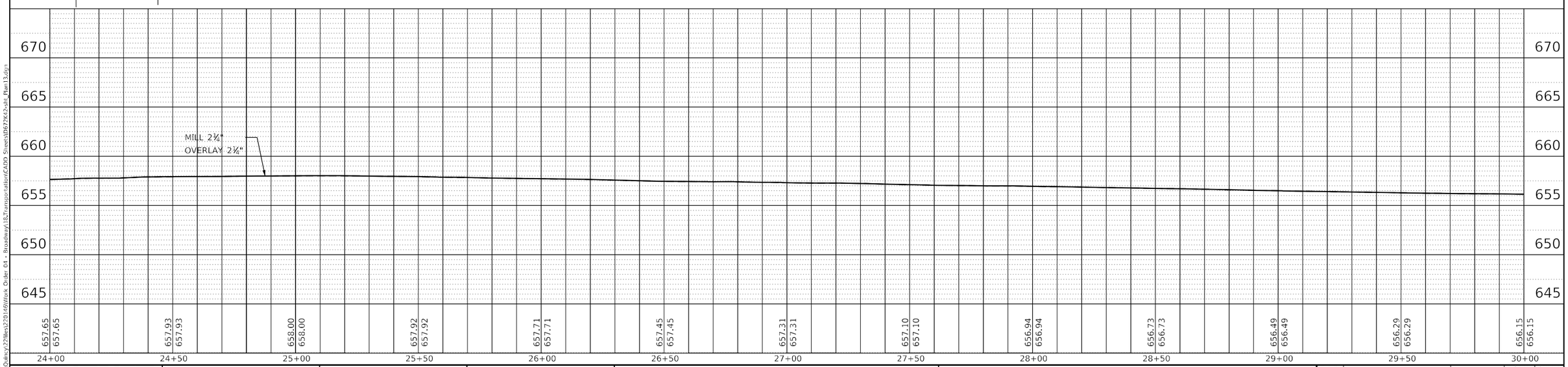
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





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

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 13 OF 21 SHEETS | STA. 24+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	46

CONTRACT NO. 72K42

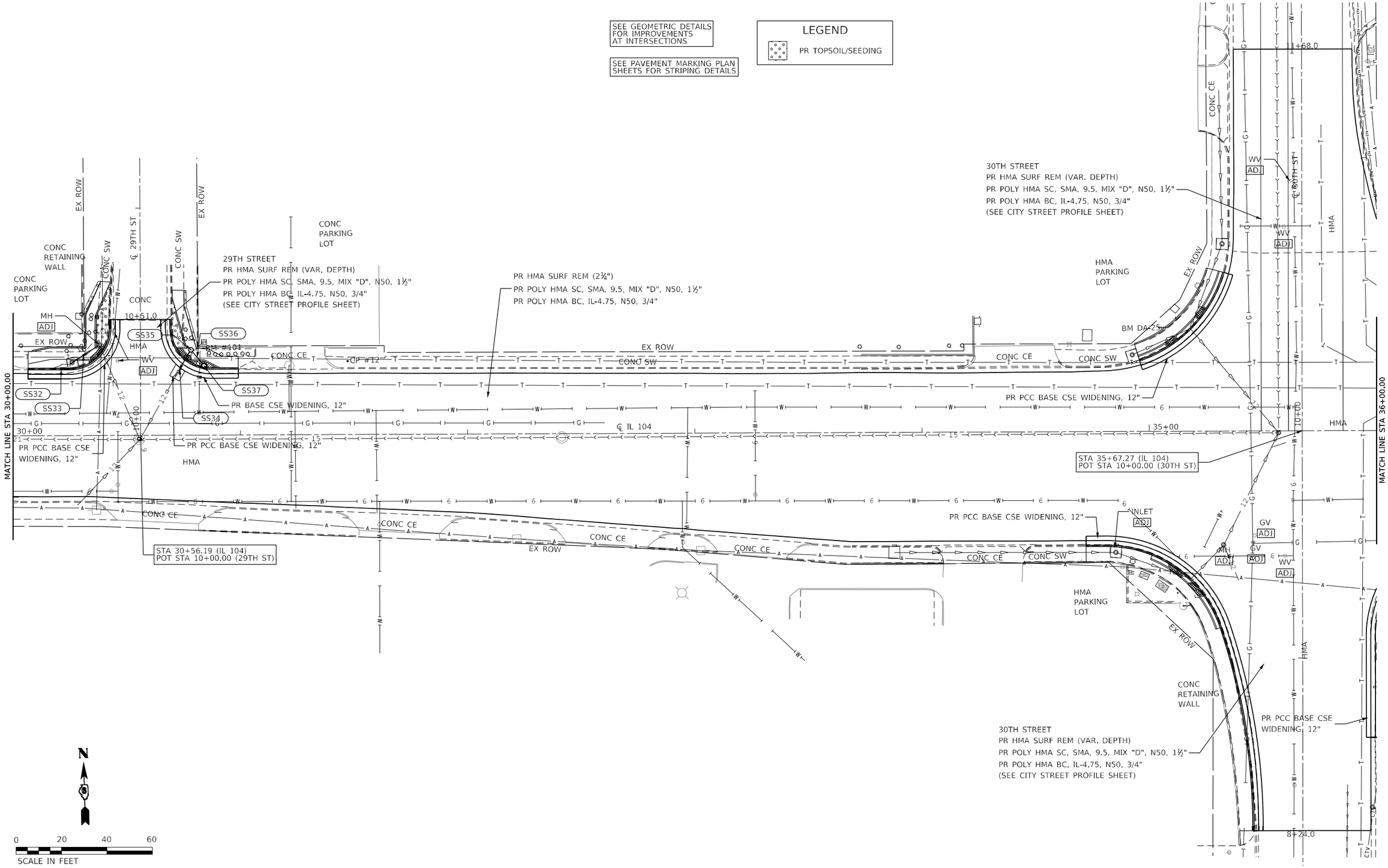
ILLINOIS | FED. AID PROJECT

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING



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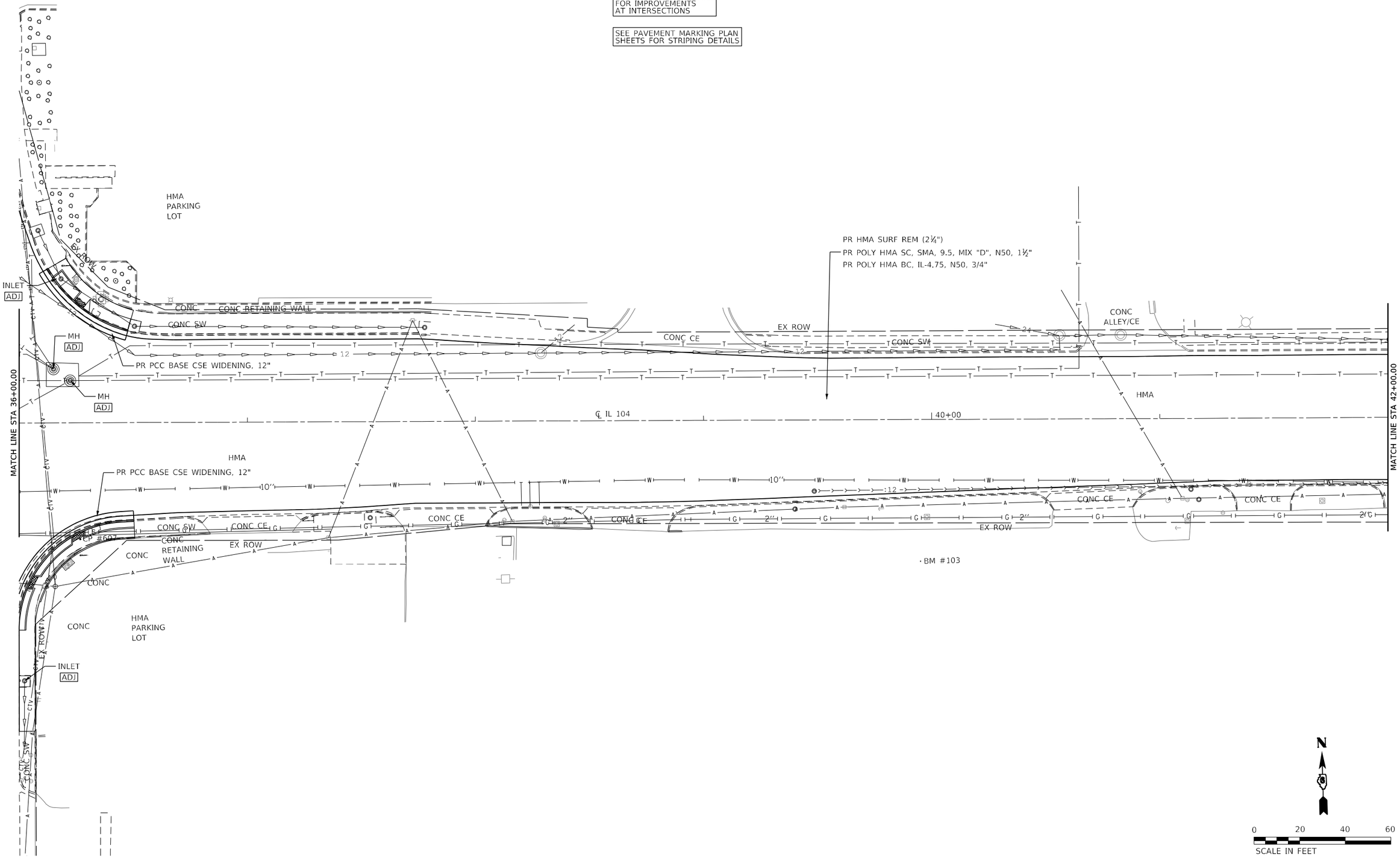
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PLAN SHEET	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 47
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		SCALE: 1"=20' / SHEET 14 OF 21 SHEETS / STA. 30+00.00 TO STA. 36+00.00			CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -				ILLINOIS	FED. AID PROJECT	

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS



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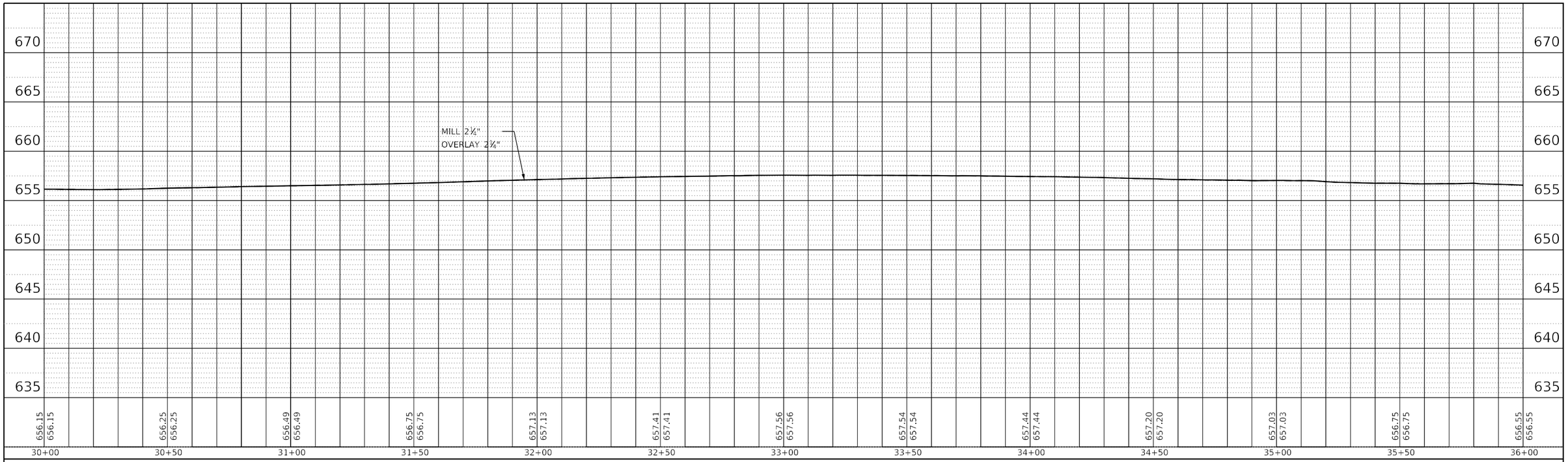
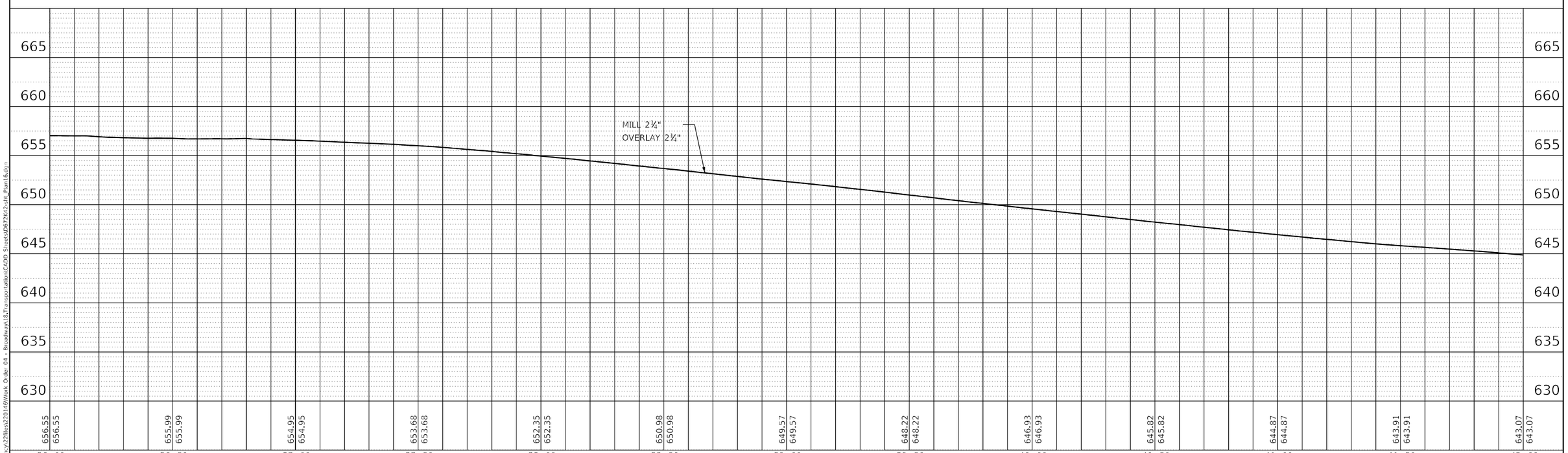
		DRAWN -	REVISED -					745	103Z,RS-4, TS-1,SW	ADAMS	171	48
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 72K42		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 15 OF 21 SHEETS	STA. 36+00.00 TO STA. 42+00.00		ILLINOIS	FED. AID PROJECT		





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

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	BRK. NOTED		
	STRUCTURE NOTATNS CHKD		

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

USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PROFILE SHEET

SCALE: 1"=20' | SHEET 16 OF 21 SHEETS | STA. 30+00.00 TO STA. 42+00.00

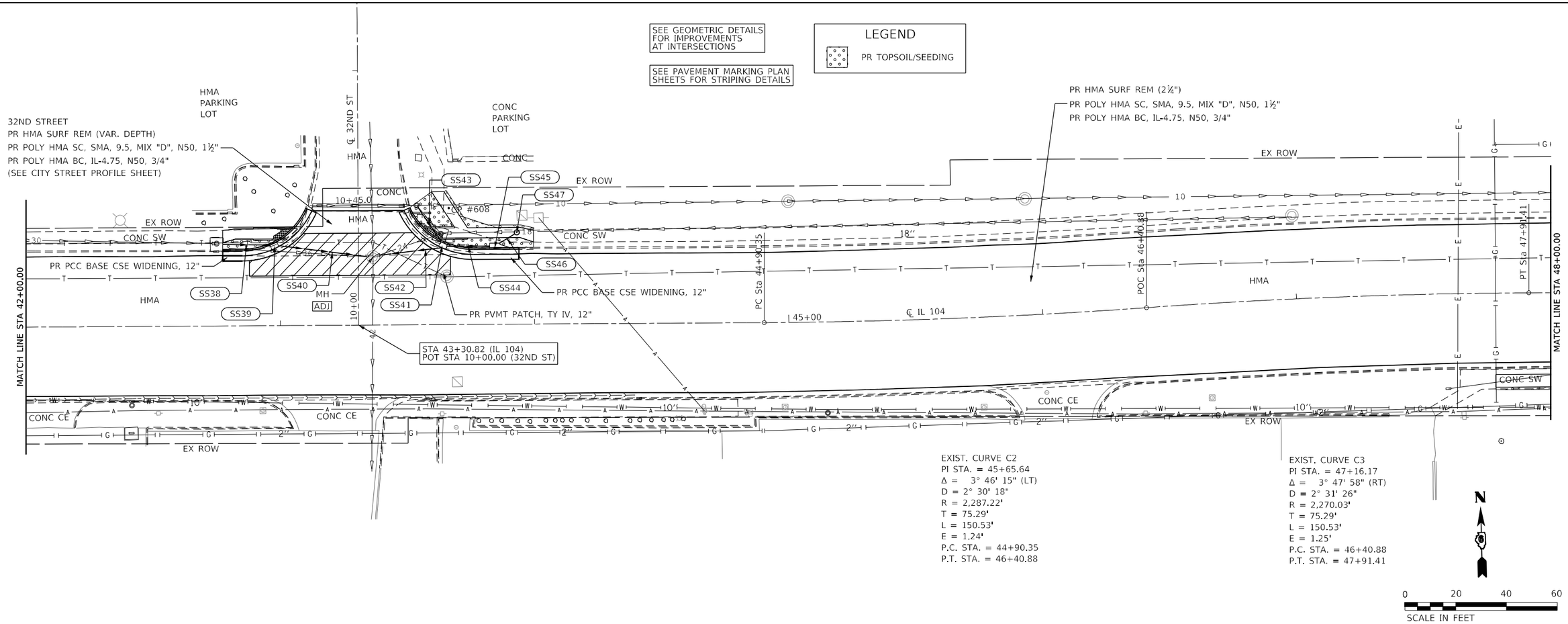
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	49
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING



EXIST. CURVE C2
PI STA. = 45+65.64
Δ = 3° 46' 15" (LT)
D = 2° 30' 18"
R = 2,287.22'
T = 75.29'
L = 150.53'
E = 1.24'
P.C. STA. = 44+90.35
P.T. STA. = 46+40.88

EXIST. CURVE C3
PI STA. = 47+16.17
Δ = 3° 47' 58" (RT)
D = 2° 31' 26"
R = 2,270.03'
T = 75.29'
L = 150.53'
E = 1.25'
P.C. STA. = 46+40.88
P.T. STA. = 47+91.41

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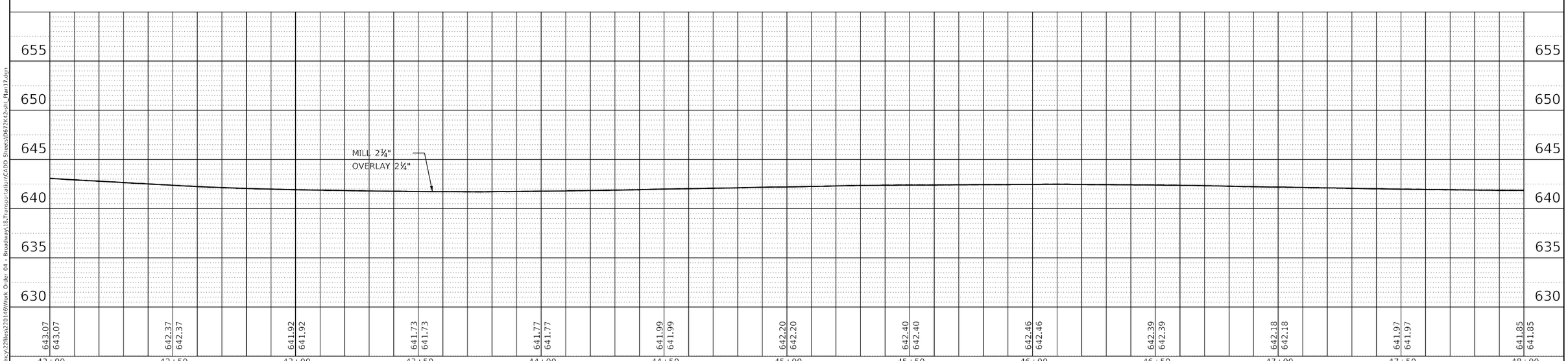

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NOTE BOOK	R.O.W. CHECKED		
NO.	CADD FILE NAME		

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NO.	STRUCTURE NOTATIONS CHKD		

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 17 OF 21 SHEETS | STA. 42+00.00 TO STA. 48+00.00

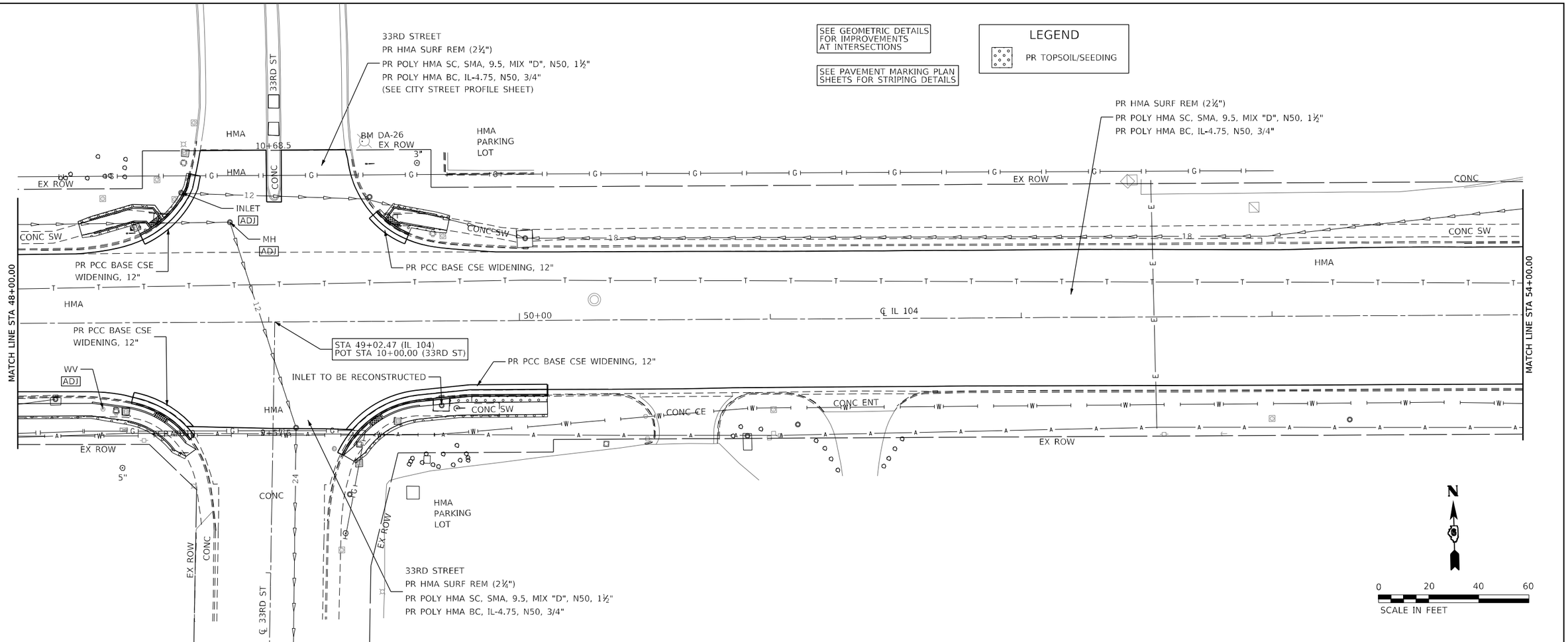
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	50
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

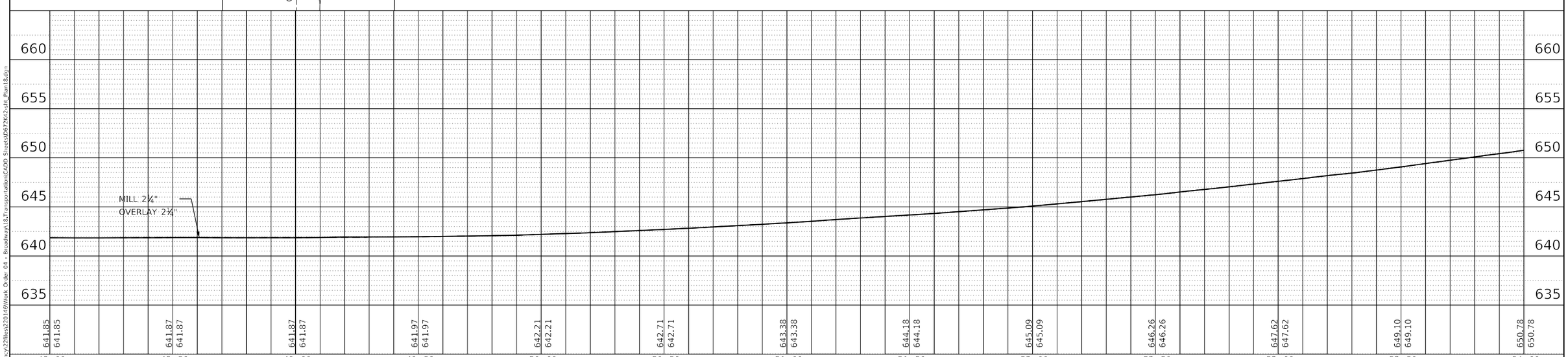
SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND

PR TOPSOIL/SEEDING





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PLOTTED			
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CADD FILE NAME			
NOTE BOOK NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BRK. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			

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	DRAWN -	REVISED -	
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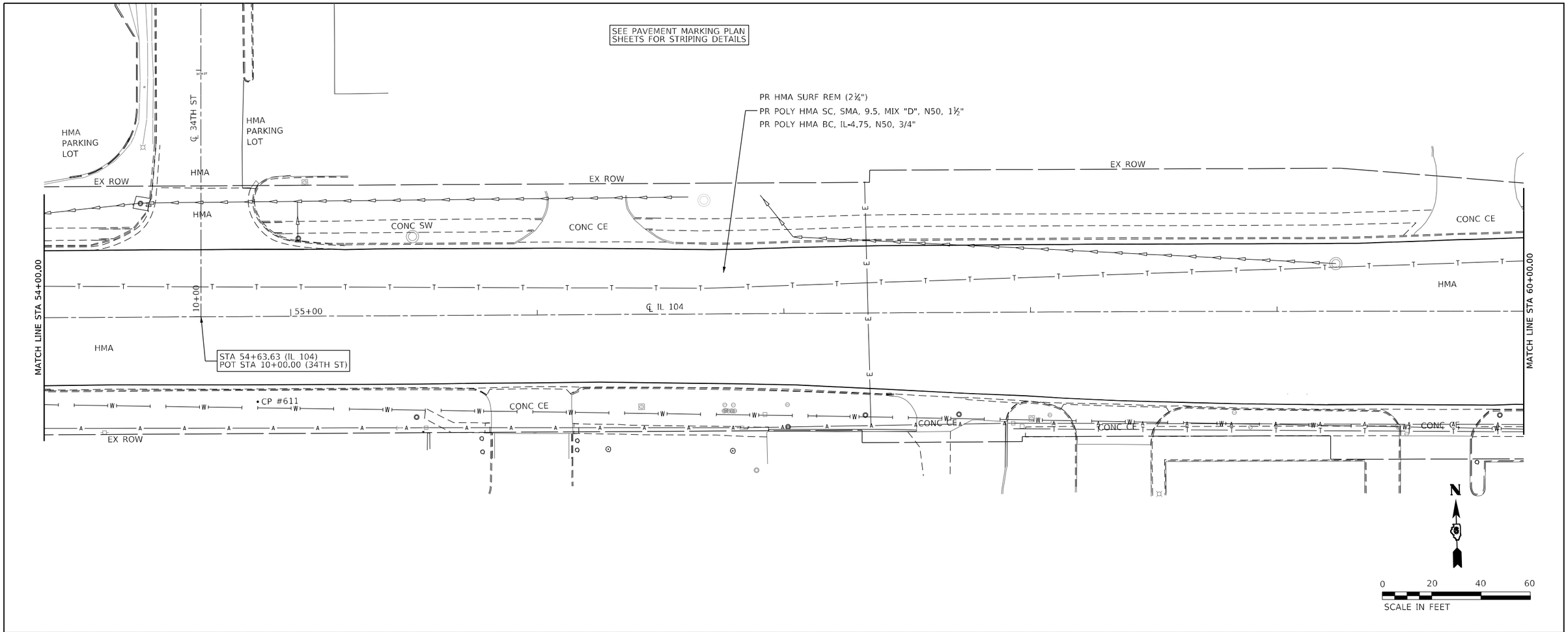
PLOT DATE = 5/16/2025	DATE -	REVISED -	

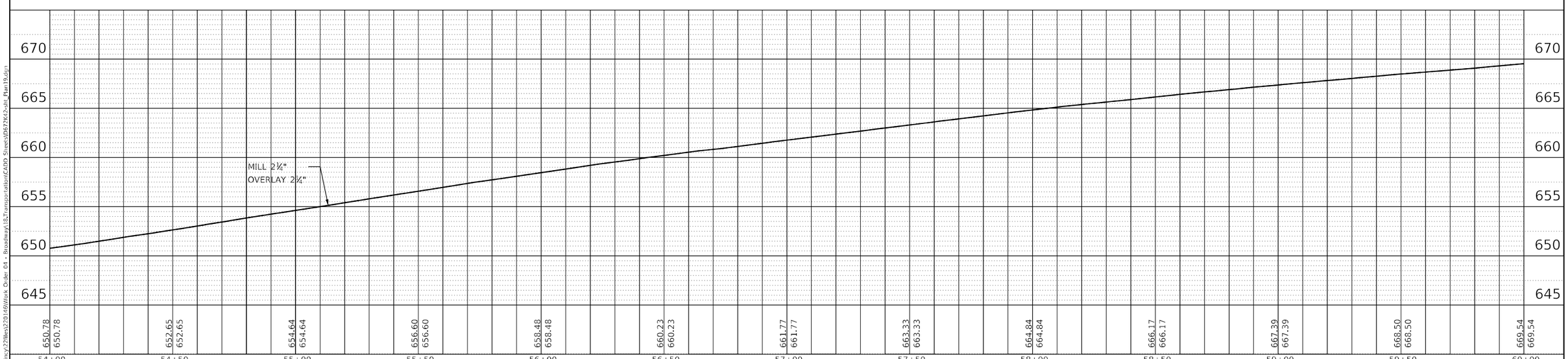
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 18 OF 21 SHEETS | STA. 48+00.00 TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	51
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	





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ALIGNMENT CHECKED		
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NOTE BOOK NO.		
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SURVEYED		
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GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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	DRAWN -	REVISED -
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PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 19 OF 21 SHEETS | STA. 54+00.00 TO STA. 60+00.00

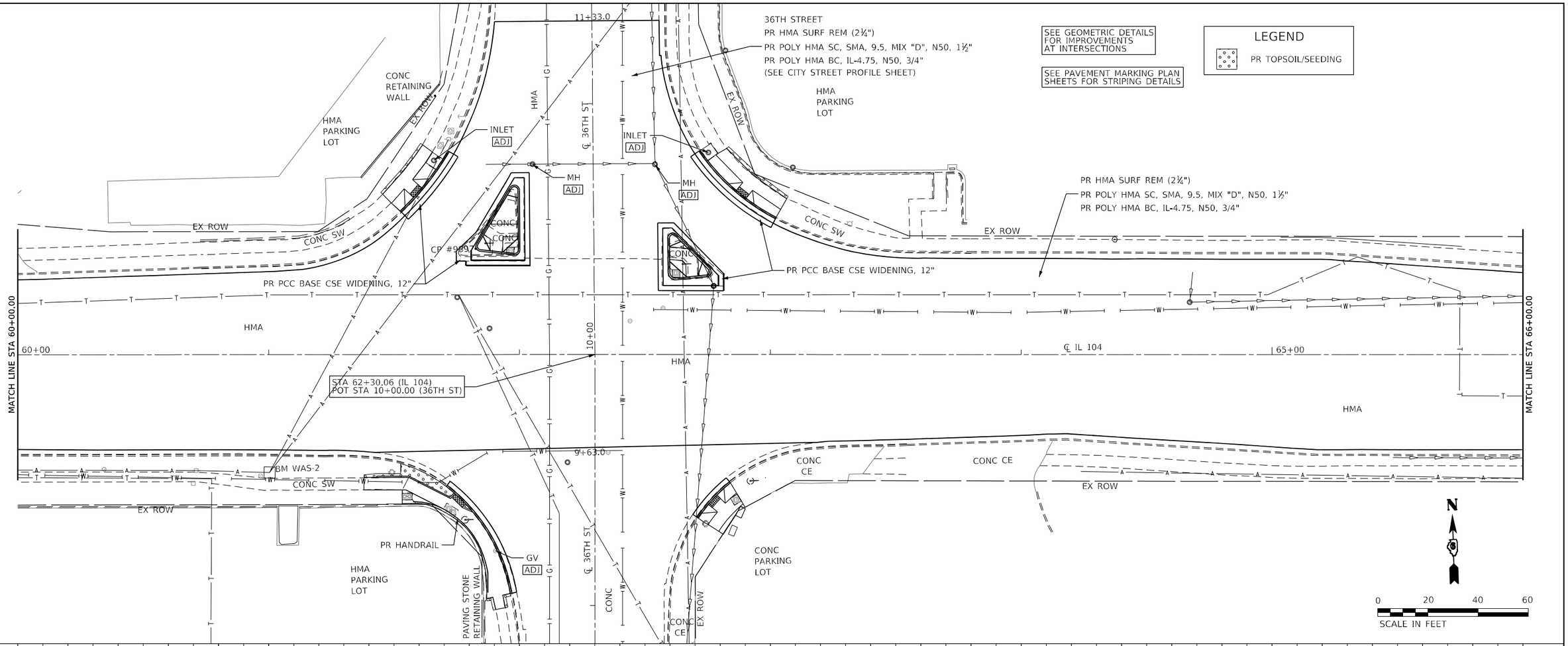
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	52
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

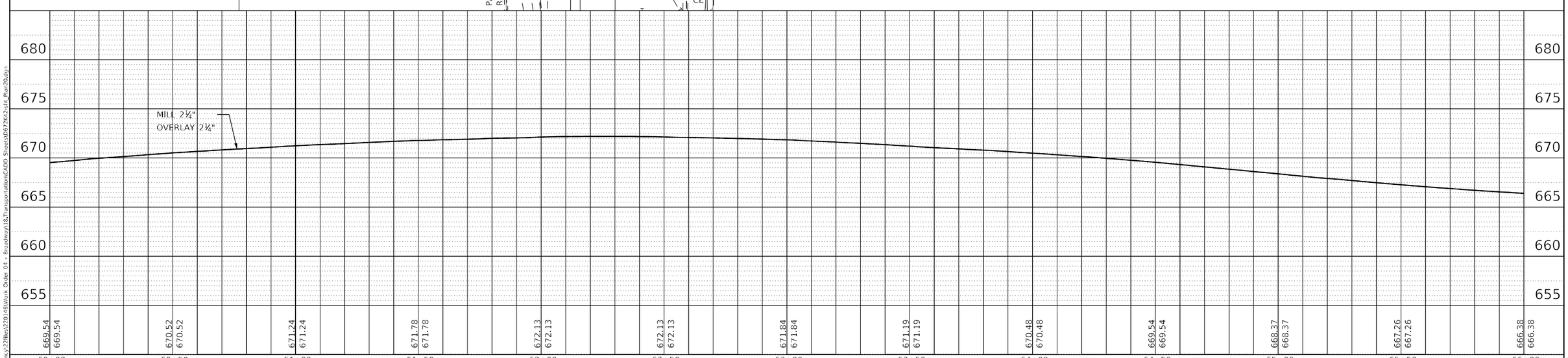
36TH STREET
PR HMA SURF REM (2¼")
PR POLY HMA SC, SMA, 9.5, MIX "D", N50, 1½"
PR POLY HMA BC, IL-4.75, N50, 3/4"
(SEE CITY STREET PROFILE SHEET)

SEE GEOMETRIC DETAILS FOR IMPROVEMENTS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

LEGEND
PR TOPSOIL/SEEDING





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ALIGNMENT CHECKED
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NOTE BOOK NO.
BY
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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 20 OF 21 SHEETS | STA. 60+00.00 TO STA. 66+00.00

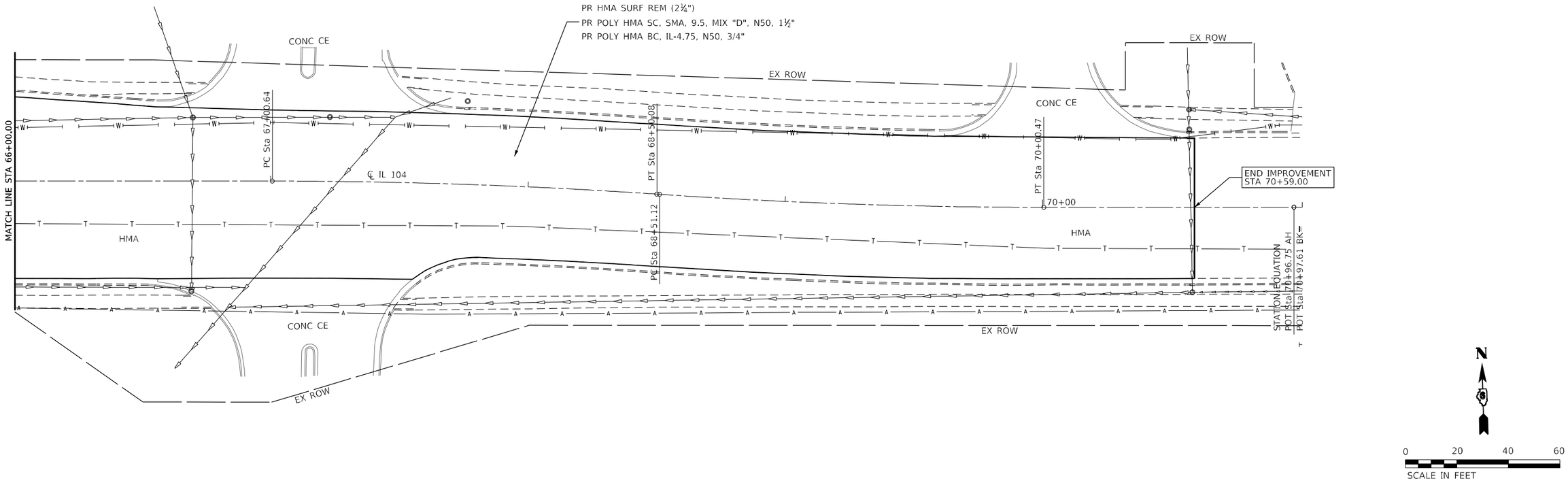
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	53

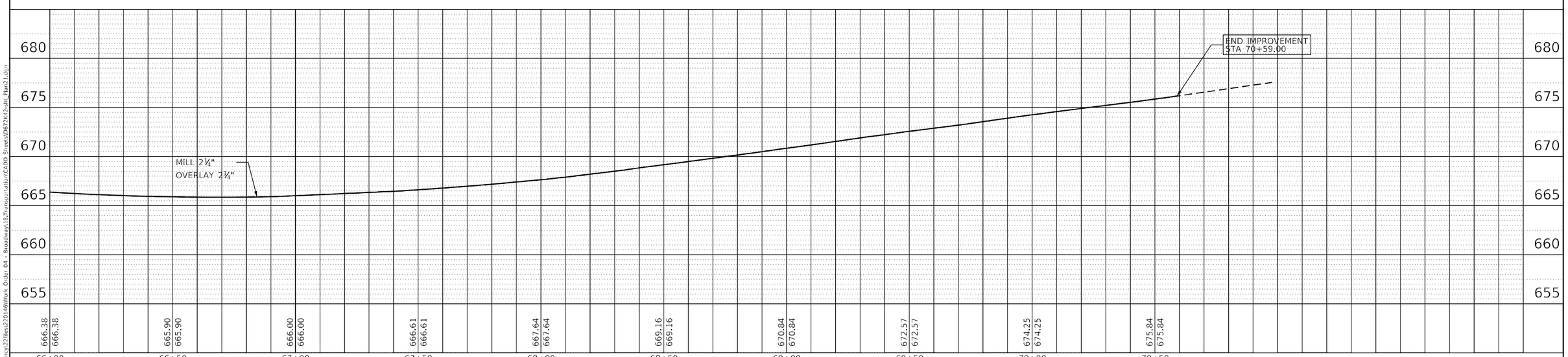
CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT

EXIST. CURVE C4
PI STA. = 67+75.39
Δ = 3° 51' 59" (RT)
D = 2° 35' 14"
R = 2,214.53'
T = 74.75'
L = 149.44'
E = 1.26'
P.C. STA. = 67+00.64
P.T. STA. = 68+50.08

SEE PAVEMENT MARKING PLAN SHEETS FOR STRIPING DETAILS

EXIST. CURVE C5
PI STA. = 69+25.82
Δ = 3° 53' 15" (LT)
D = 2° 36' 10"
R = 2,201.27'
T = 74.71'
L = 149.35'
E = 1.27'
P.C. STA. = 68+51.12
P.T. STA. = 70+00.47





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PROFILE		BY	DATE
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B.M. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK			
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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

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PLAN & PROFILE

SCALE: 1"=20' | SHEET 21 OF 21 SHEETS | STA. 66+00.00 TO STA. 72+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	54
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

STORM SEWER CALL-OUTS

SS1
STA. 145+53.99 29.1' LT
INLETS (SPECIAL), 1 EACH
TOP CURB=628.35 INV(NE)=625.50

SS2
STA. 145+64.16 37.4' LT
STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH, 20 FT
USFL=625.50 DSFL=625.00
TRENCH BACKFILL=6.7 CU YD

SS3
STA. 145+74.61 45.3' LT
INLETS (SPECIAL), 1 EACH
TOP CURB=628.53 INV(S)=625.00 INV(E)=624.70

SS4
STA. 145+83.38 41.7' LT
STORM SEWERS, CL A, TY 2 12 INCH, 20 FT
USFL=624.70 DSFL=623.50 CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=10.9 CU YD

SS5
STA. 145+58.20 30.1' RT
INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE, 1 EACH
LEFT WING
TOP CURB=628.07 INV(E)=624.77

SS6
STA. 145+76.27 29.4' RT
STORM SEWERS, CL A, TY 2 12 INCH, 34 FT
USFL=624.77 DSFL=621.87 CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=24.3 CU YD

SS7
STA. 154+73.80 29.8' LT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=621.40 INV(NE)=618.02 INV(S)=613.39 CONNECT TO EXISTING SEWER (INCIDENTAL)

SS8
STA. 154+83.17 38.1' LT
STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH, 22 FT
USFL=618.42 DSFL=618.02
TRENCH BACKFILL=4.3 CU YD

SS9
STA. 10+46.18 19.8' LT (16TH ST)
INLETS, TYPE B, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=621.19 INV(N)=618.52 INV(SW)=618.42

SS10
STA. 10+54.69 19.9' LT (16TH ST)
STORM SEWERS, CL A, TY 2 12 INCH, 16 FT
USFL=618.66 DSFL=618.52
TRENCH BACKFILL=3.1 CU YD

SS11
STA. 10+62.99 18.5' LT (16TH ST)
INLETS, TYPE A, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=621.15 INV(S)=618.66

SS12
STA. 159+33.16 29.6' LT
INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE, 1 EACH
RIGHT WING
TOP CURB=617.33 INV(E)=610.19

SS13
STA. 159+53.38 35.5' LT
STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH, 38 FT
USFL=610.19 DSFL=609.31 CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=50.0 CU YD

SS14
STA. 172+47.95 29.1' RT (BK CURB)
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE, 1 EACH
TOP CURB=626.02 INV(E)=622.51 INV(N)=622.41 CONNECT TO EXISTING SEWER (INCIDENTAL)

SS15
STA. 172+54.78 30.2' RT
STORM SEWERS, CL A, TY 2 12 INCH, 14 FT
USFL=622.73 DSFL=622.51
TRENCH BACKFILL=3.5 CU YD

SS16
STA. 172+62.84 29.1' RT
INLETS (SPECIAL), 1 EACH
TOP CURB=626.14 INV(E)=622.73

SS17
STA. 8+45.91 91.3' RT
INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE, 1 EACH
RIGHT WING
TOP CURB=633.76 INV(N)=631.35

SS18
STA. 8+51.55 77.7' RT
STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH, 30 FT
USFL=631.35 DSFL=631.20
TRENCH BACKFILL=5.7 CU YD

SS19
STA. 8+55.37 62.46' RT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=634.20 INV(NW)=631.07 CONNECT TO EXISTING SEWER (INCIDENTAL) INV(S)=631.20

STORM SEWER CALL-OUTS (CONT)

SS20
STA. 14+61.59 31.8' LT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, 1 EACH
TOP LID=641.71 INV(SW)=636.64 CONNECT TO EXISTING SEWER (INCIDENTAL) INV(E)=636.73

SS21
STA. 14+73.69 31.1' LT
STORM SEWERS, CL A, TY 2 12 INCH, 24 FT
USFL=637.95 DSFL=636.73
TRENCH BACKFILL=7.5 CU YD

SS22
STA. 14+87.10 30.6' LT
INLETS, TYPE B, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=642.62 INV(W)=637.95

SS23
STA. 26+31.23 29.6' LT
INLETS, TYPE B, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=657.48 INV(E)=653.00

SS24
STA. 26+39.46 31.4' LT
STORM SEWERS, CL A, TY 2 12 INCH, 16 FT
USFL=653.00 DSFL=652.70
TRENCH BACKFILL=5.6 CU YD

SS25
STA. 26+48.40 37.6' LT
STORM SEWERS, CLASS B, TYPE 2 8 INCH, 8 FT
USFL=652.16 CONNECT TO EXISTING SEWER (INCIDENTAL) DSFL=652.02
TRENCH BACKFILL=5.0 CU YD

SS26
STA. 26+48.05 34.3' LT (BK CURB)
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE, 1 EACH
TOP CURB=657.19 INV(W)=652.70
INV(N)=652.02 (EXTEND EXISTING 8" PVC SEWER TO MATCH) INV(SE)=652.02

SS27
STA. 26+53.34 30.2' LT
STORM SEWERS, CL A, TY 2 12 INCH, 8 FT
USFL=652.02 DSFL=651.97 CONNECT TO EXISTING SEWER (INCIDENTAL)
CONCRETE COLLAR (SEE DETAIL)
TRENCH BACKFILL=3.9 CU YD

SS28
STA. 27+06.60 32.1' LT
STORM SEWERS, CL A, TY 2 12 INCH, 8 FT
USFL=652.76 DSFL= 652.50 CONNECT TO EXISTING SEWER (INCIDENTAL)
CONCRETE COLLAR (SEE DETAIL)
TRENCH BACKFILL=2.2 CU YD

SS29
STA. 27+10.68 36.5' LT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, 1 EACH
TOP LID=656.82 INV(SW)=652.76 INV(SE)=652.95
INV(NE)=653.85 CONNECT TO EXISTING SEWER (INCIDENTAL)

SS30
STA. 27+11.54 34.0' LT
STORM SEWERS, CL A, TY 2 12 INCH, 4 FT
USFL=653.05 DSFL=652.95
TRENCH BACKFILL=1.2 CU YD

SS31
STA. 27+13.41 32.0' LT (BK CURB)
INLETS, TYPE B, TYPE 3 FRAME AND GRATE, 1 EACH
TOP CURB=657.09 INV(NW)=653.05

SS32
STA. 30+23.24 29.6' LT
INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE, 1 EACH
RIGHT WING
TOP CURB=655.92 INV(NE)=652.53

SS33
STA. 30+31.19 35.4' LT
STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH, 16 FT
USFL=652.53 DSFL=CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=4.1 CU YD

SS34
STA. 30+75.08 32.0' LT
STORM SEWERS, CL A, TY 2 12 INCH, 8 FT
USFL=653.04 DSFL= 652.46 CONNECT TO EXISTING SEWER (INCIDENTAL)
CONCRETE COLLAR (SEE DETAIL)
TRENCH BACKFILL=1.5 CU YD

SS35
STA. 30+79.19 36.8' LT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, 1 EACH
TOP LID=655.90 INV(SE)=653.14 INV(SW)=653.04
INV(NE)=653.66 CONNECT TO EXISTING SEWER (INCIDENTAL)

SS36
STA. 30+81.35 34.0' LT
STORM SEWERS, CL A, TY 2 12 INCH, 6 FT
USFL=653.30 DSFL=653.14
TRENCH BACKFILL=1.1 CU YD

STORM SEWER CALL-OUTS (CONT)

SS37
STA. 30+84.01 29.9' LT
INLETS, TYPE B, TYPE 15 FRAME AND LID, 1 EACH
TOP CURB=656.11 INV(NE)=653.30

SS38
STA. 42+86.85 31.9' LT
STORM SEWERS, CL A, TY 2 36 INCH, 18 FT
USFL=635.61 CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
DSFL=635.33
TRENCH BACKFILL=32.5 CU YD

SS39
STA. 42+97.18 32.8' LT (BK CURB)
MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE, 1 EACH
TOP CURB=641.81 INV(W)= 635.33 INV(E)=635.25

SS40
STA. 43+16.81 29.2' LT
STORM SEWERS, CL A, TY 2 36 INCH, 34 FT
USFL=635.25 DSFL=CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=48.1 CU YD

SS41
STA. 43+64.83 32.5' LT (BK CURB)
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE, 1 EACH
TOP CURB=641.74 INV(W)= 634.31 INV(NW)= 637.22
INV(NNW)= 639.12 INV(E)= 634.34

SS42
STA. 43+51.32 28.8' LT
STORM SEWERS, CL A, TY 2 24 INCH, 26 FT
USFL=634.31 DSFL=CONNECT TO EXISTING STRUCTURE (INCIDENTAL)
TRENCH BACKFILL=37.4 CU YD

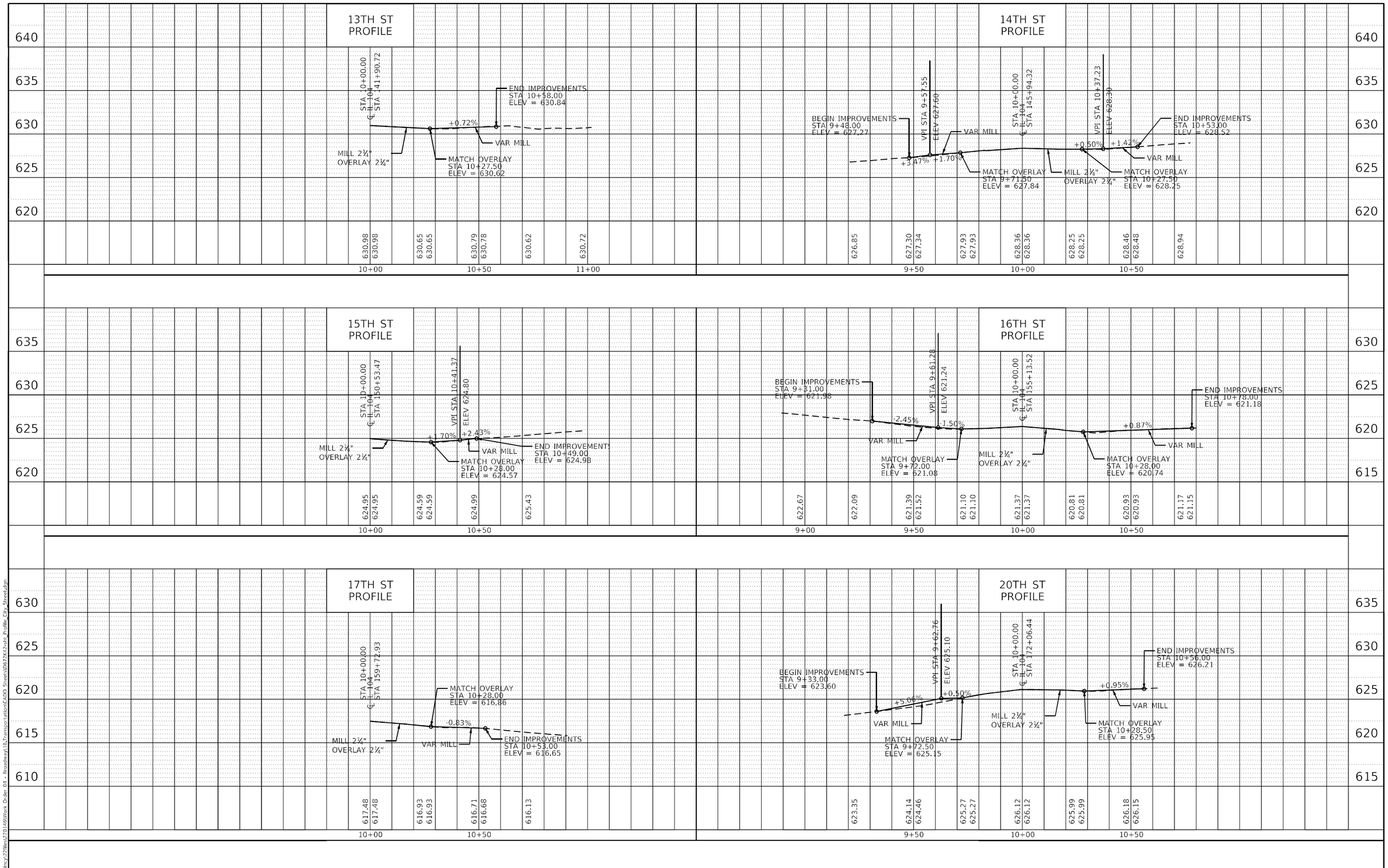
SS43
STA. 43+58.90 39.4' LT
STORM SEWERS, CLASS B, TYPE 2 8 INCH, 16 FT
USFL=CONNECT TO EXISTING STRUCTURE (INCIDENTAL) DSFL=639.12
TRENCH BACKFILL=4.6 CU YD

SS44
STA. 43+74.09 30.8' LT
STORM SEWERS, CL A, TY 2 24 INCH, 18 FT
USFL=634.47 DSFL=634.34
TRENCH BACKFILL=20.4 CU YD

SS45
STA. 43+84.52 30.1' LT
MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE, 1 EACH
LEFT WING
TOP CURB=641.74 INV(W)=634.47 INV(NE)=634.51

SS46
STA. 43+89.41 33.7' LT
STORM SEWERS, CL A, TY 2 18 INCH, 8 FT
USFL=634.60 DSFL=634.51
TRENCH BACKFILL=8.6 CU YD

SS47
STA. 43+93.20 36.1' LT
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, 1 EACH
TOP LID=641.93 INV(SW)=634.60
INV(E)=634.67 CONNECT TO EXISTING SEWER (INCIDENTAL)



PLAN
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SURVEYED
PLOTTED
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CADD FILE NAME
BY
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PROFILE
NOTE BOOK NO.
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B.M. NOTED
STRUCTURE NOTATIONS CHKD
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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

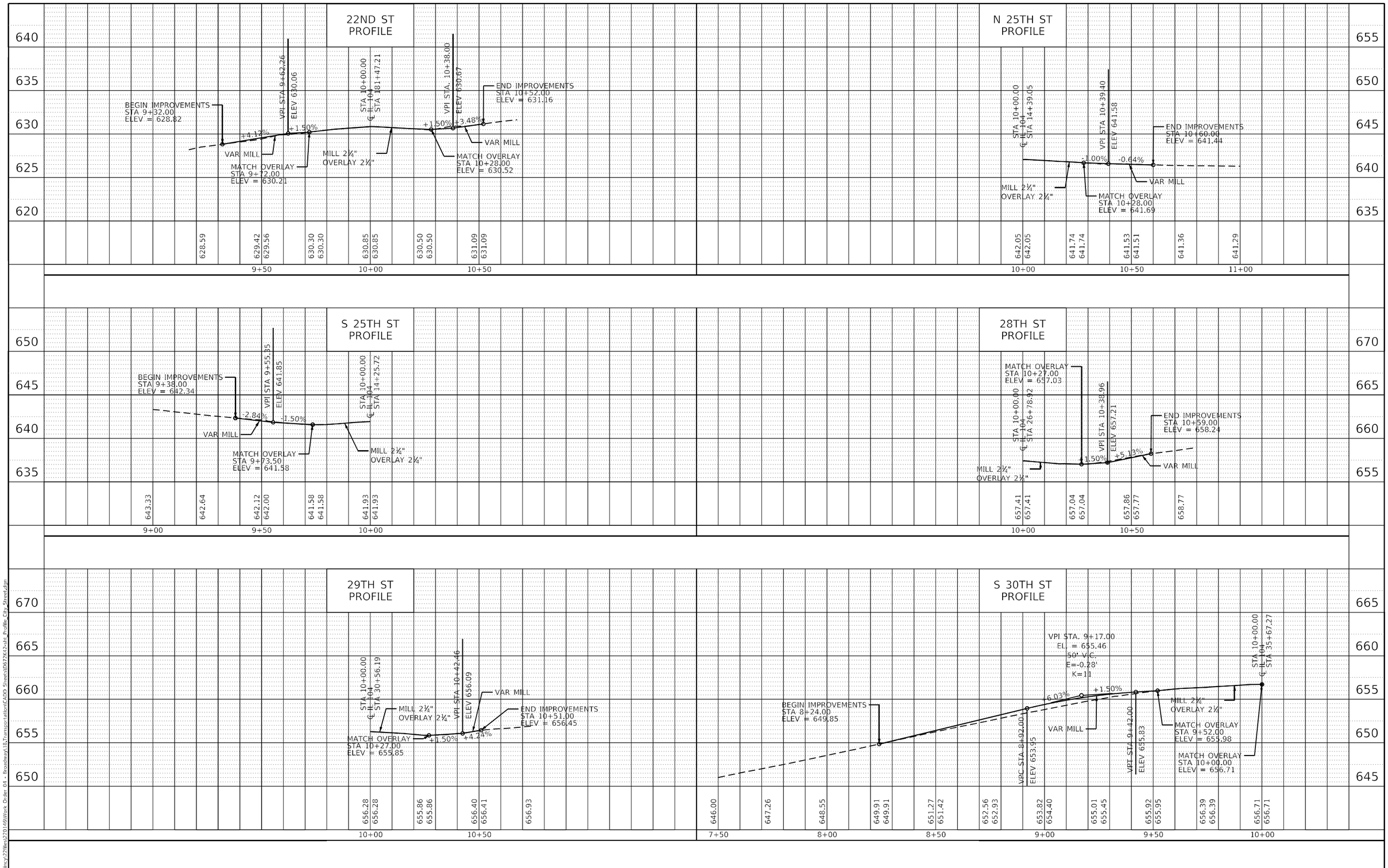
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
CITY STREET PROFILE SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	56
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



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

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

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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

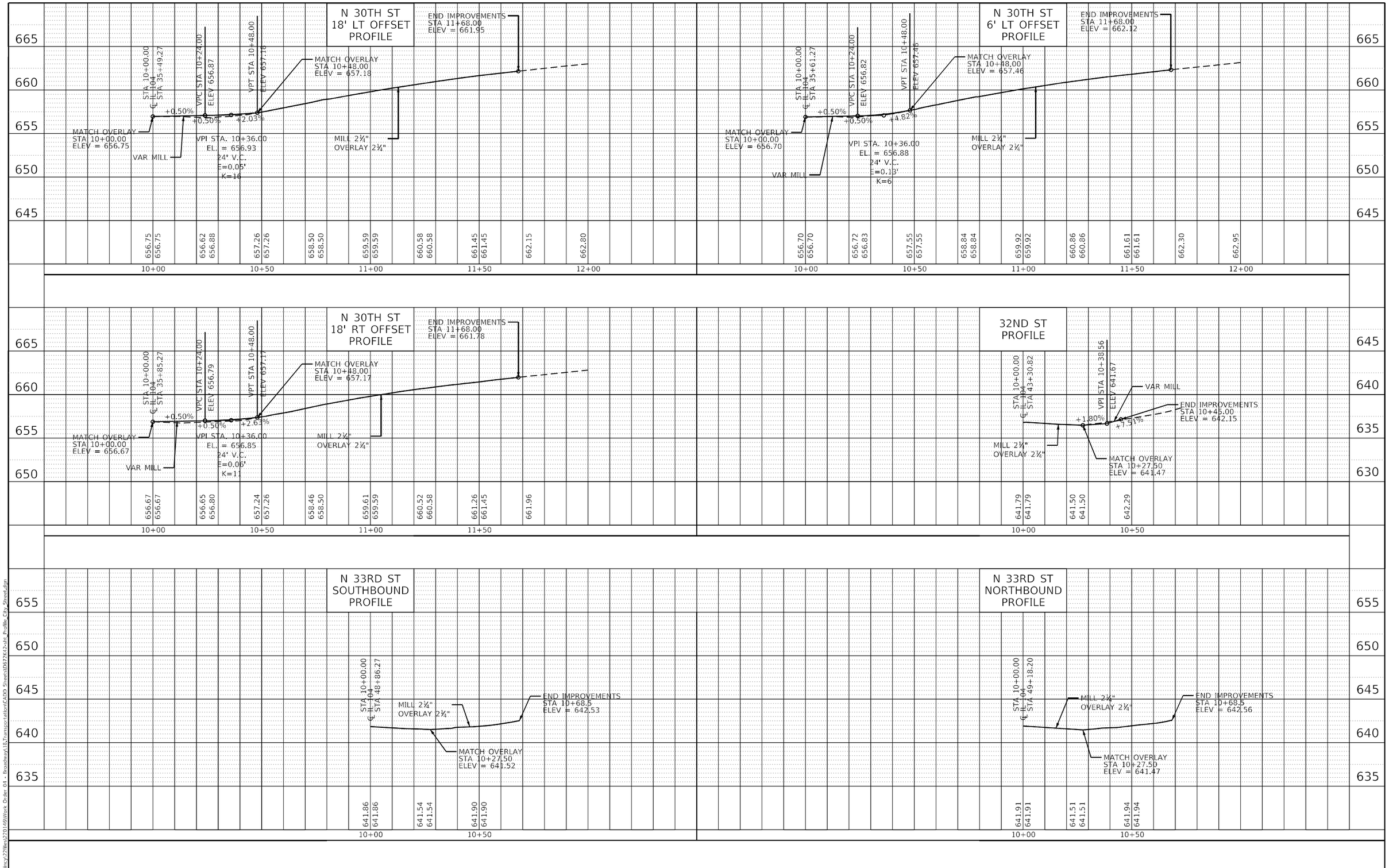
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
CITY STREET PROFILE SHEET

SCALE: 1'=20" | SHEET 2 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	57
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME

NOTE BOOK NO.

BY | DATE

PROFILE

SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD

NOTE BOOK NO.

BY | DATE

MODEL: Default
FILE NAME: P:\Quincy\22files\270146\Work Order 04 - Broadway\18_Transportation\CADD Sheets\D672K42-sht_Profile_City_Street.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

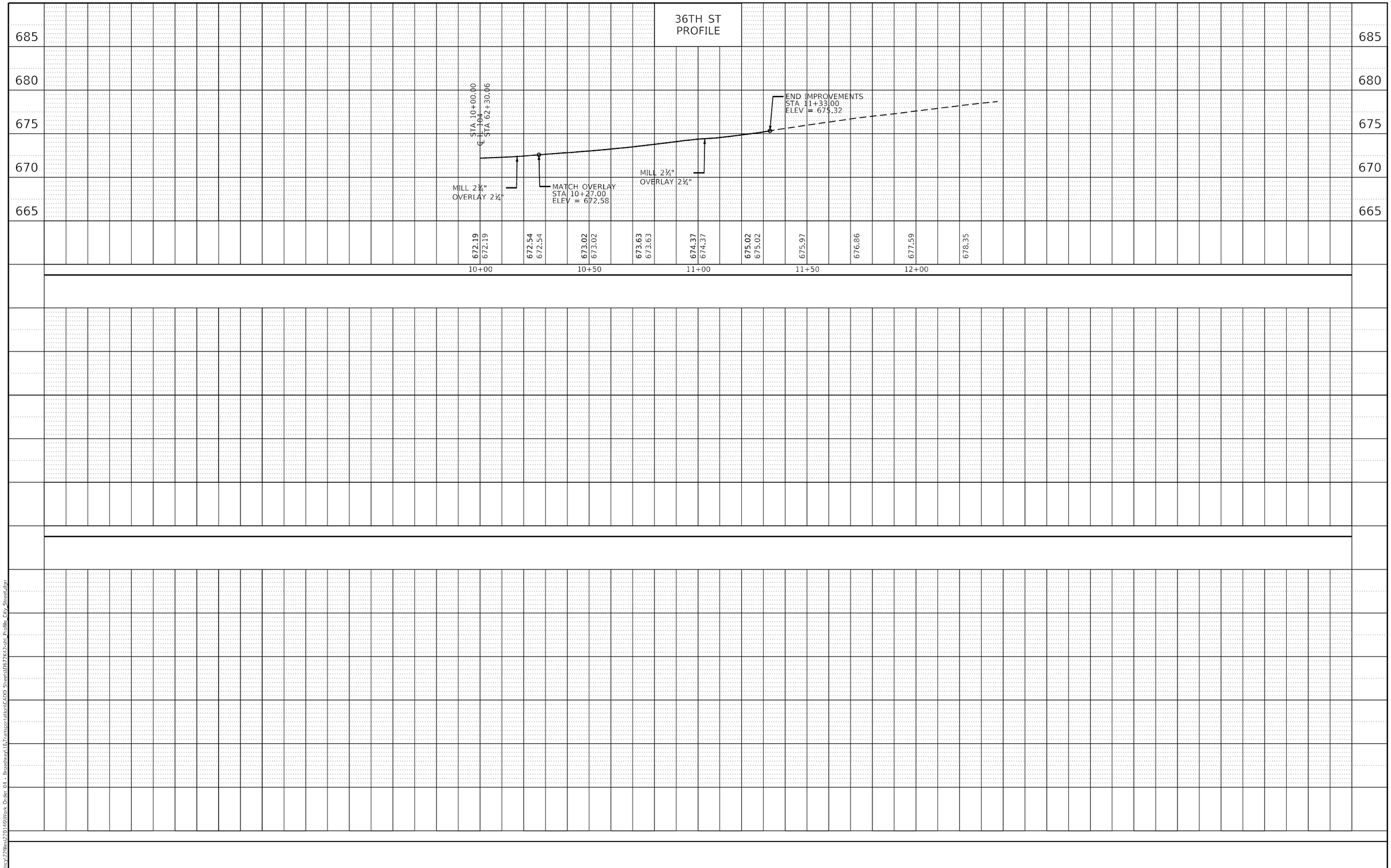
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
CITY STREET PROFILE SHEET

SCALE: 1"=20" | SHEET 3 OF 4 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	58
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

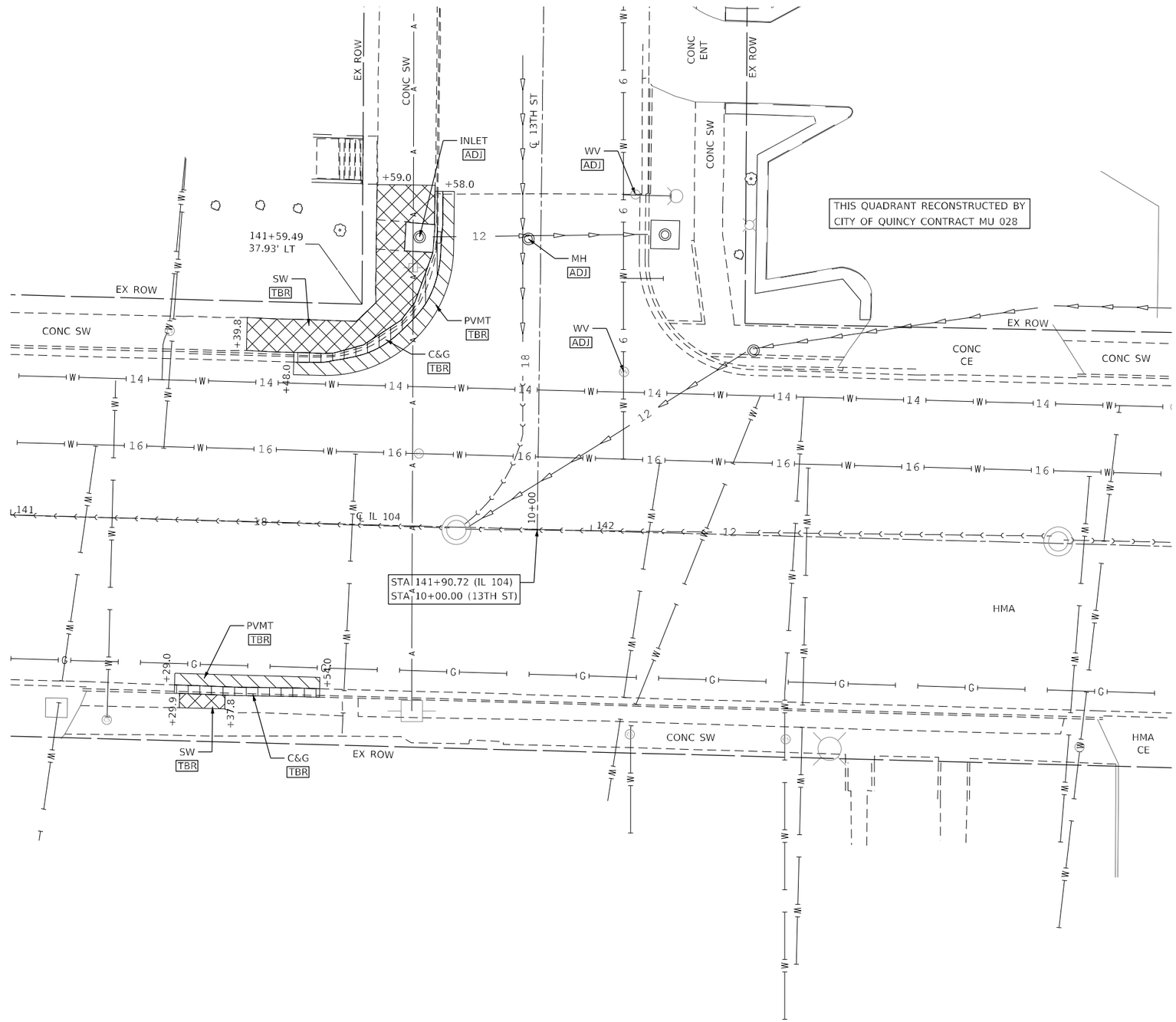
FAP RTE 745 (IL 104)
CITY STREET PROFILE SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	59
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

LEGEND

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



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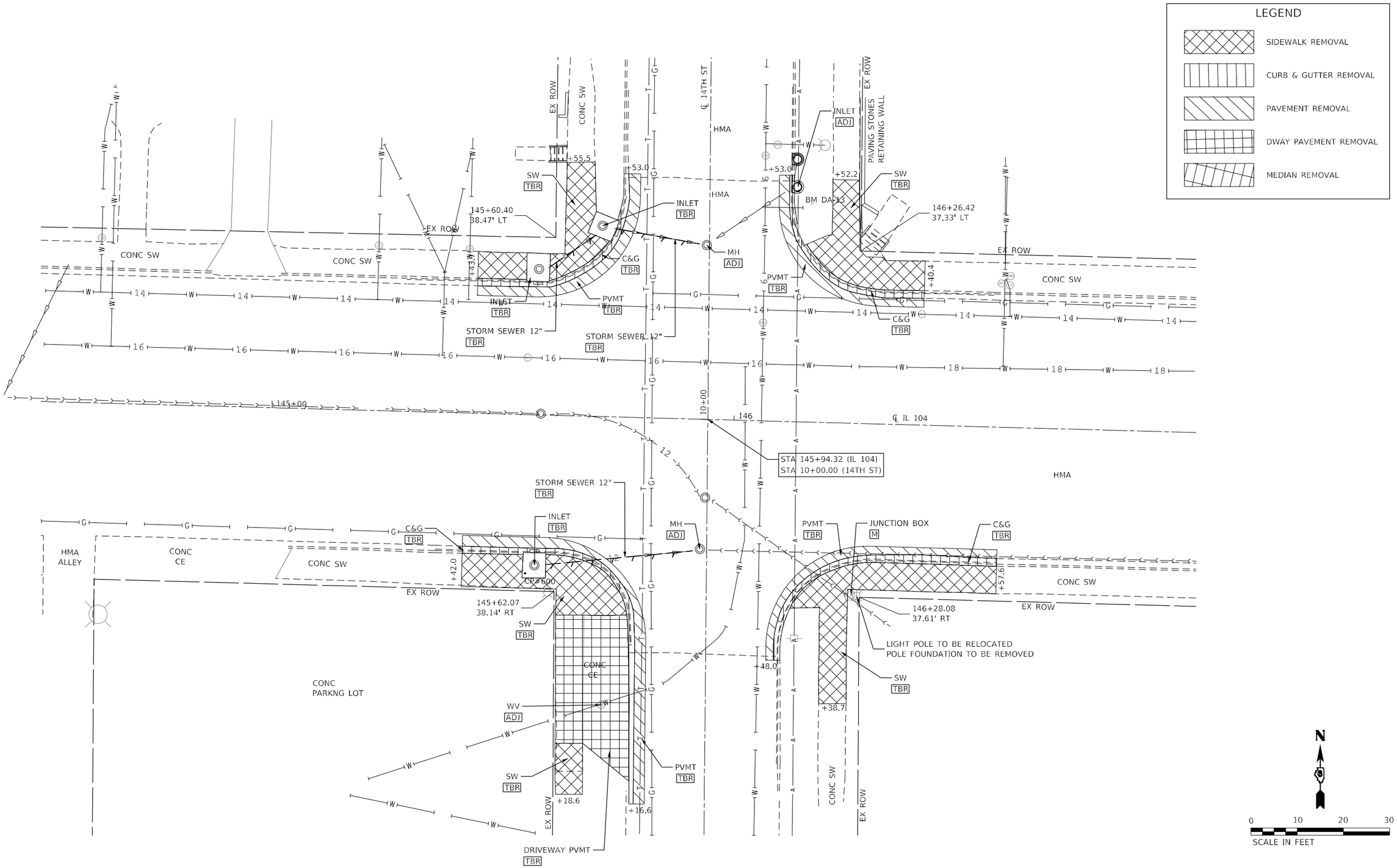
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 13TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 60
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 1 OF 14 SHEETS / STA. 141+00.00 TO STA. 143+00.00		ILLINOIS	FED. AID PROJECT	



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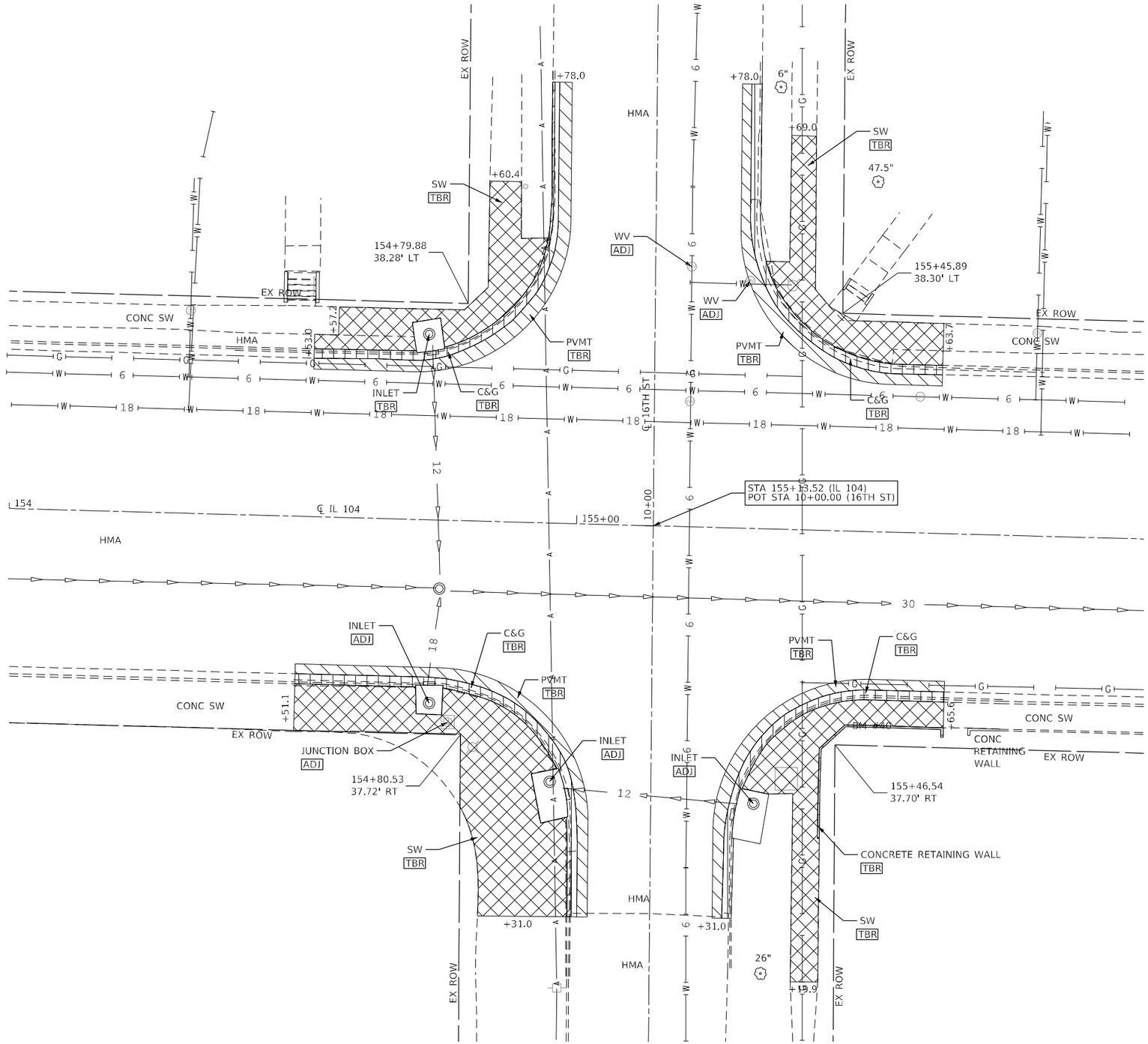
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 14TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 61
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' SHEET 2 OF 14 SHEETS STA. 144+50.00 TO STA. 147+00.00		ILLINOIS	FED. AID PROJECT	



LEGEND

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

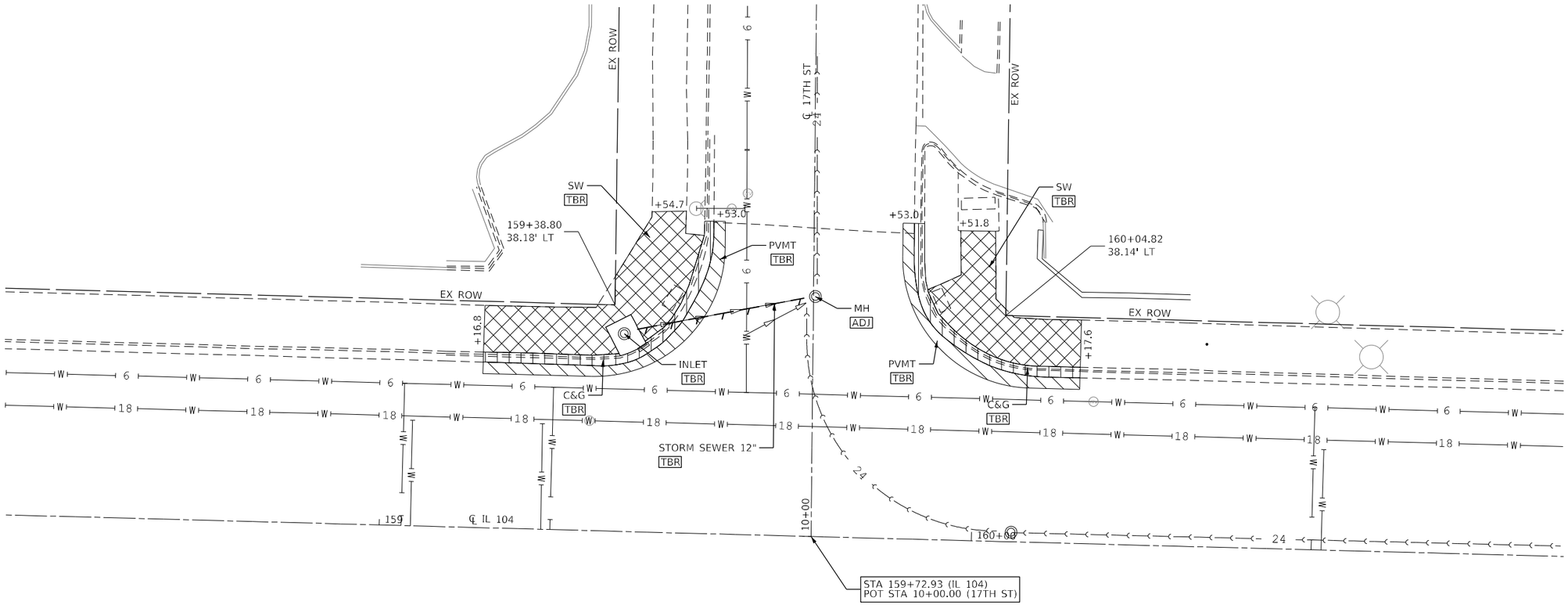
N

0 10 20 30

SCALE IN FEET

MODEL: Default
FILE NAME: P:\Quincy22\Bks\220148\Work Order 04 - Broadway\18.Transportation\CADD Sheets\D672K42-sht-Removal\03-16th-S.dgn

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3970 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 16TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 62
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 3 OF 14 SHEETS / STA. 154+00.00 TO STA. 156+00.00		ILLINOIS	FED. AID PROJECT	



LEGEND

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

N

0 10 20 30

SCALE IN FEET

MODEL: Default
FILE NAME: P:\Quincy22\Ilks\120146\Work Order 04 - Broadway\18_Transportation\CADD Sheets\D672K42-sht-Removal\04-17th-St.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

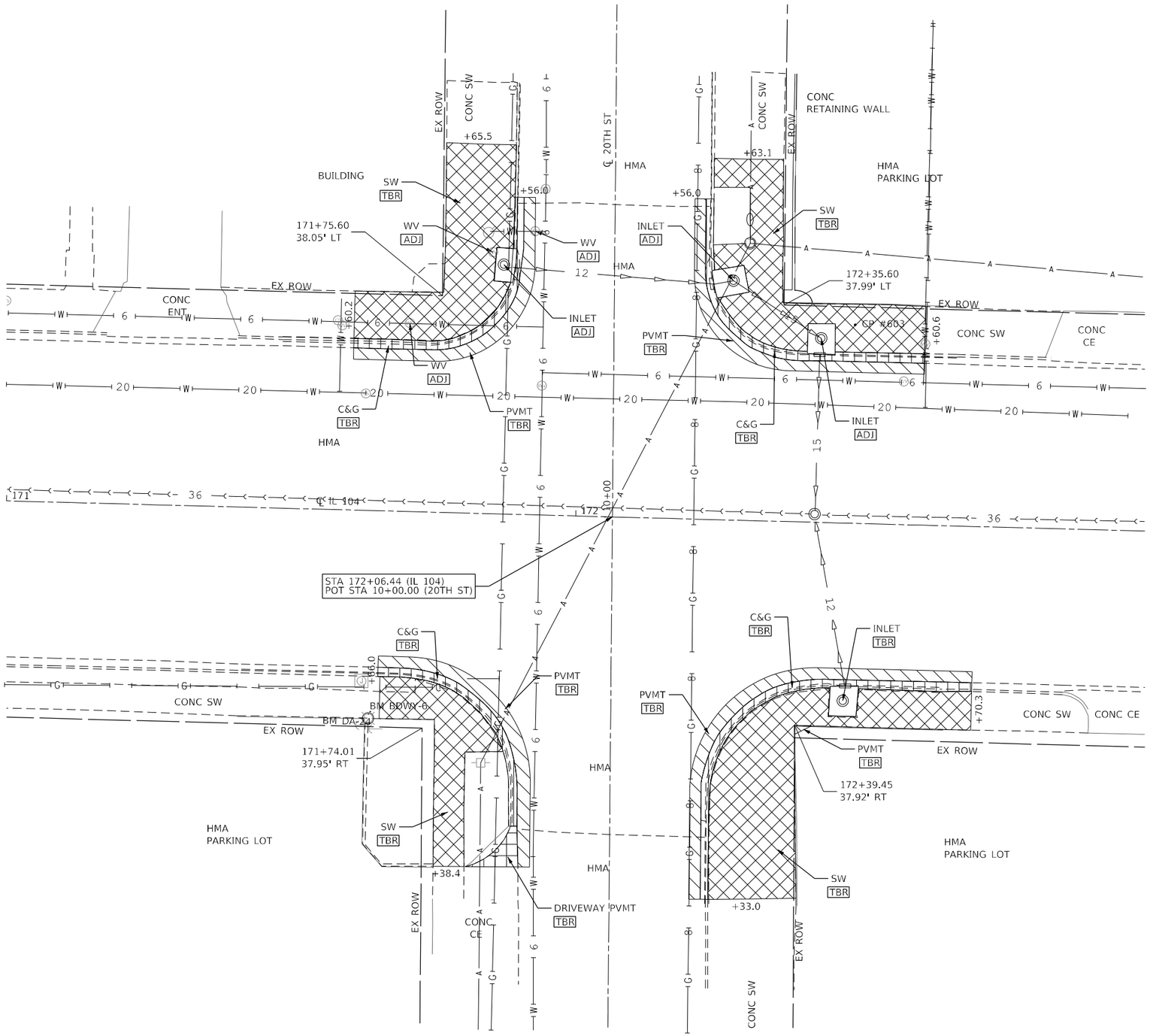
USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
17TH ST
REMOVAL PLAN

SCALE: 1"=10' | SHEET 4 OF 14 SHEETS | STA. 158+40.00 TO STA. 161+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	63
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



LEGEND

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

MODEL: Default
FILE NAME: P:\Quincy\22files\220146\Work Order 04 - Broadway\18.Transportation\CADD Sheets\D672K42-sht-Removal05-20th-St.dgn

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

USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

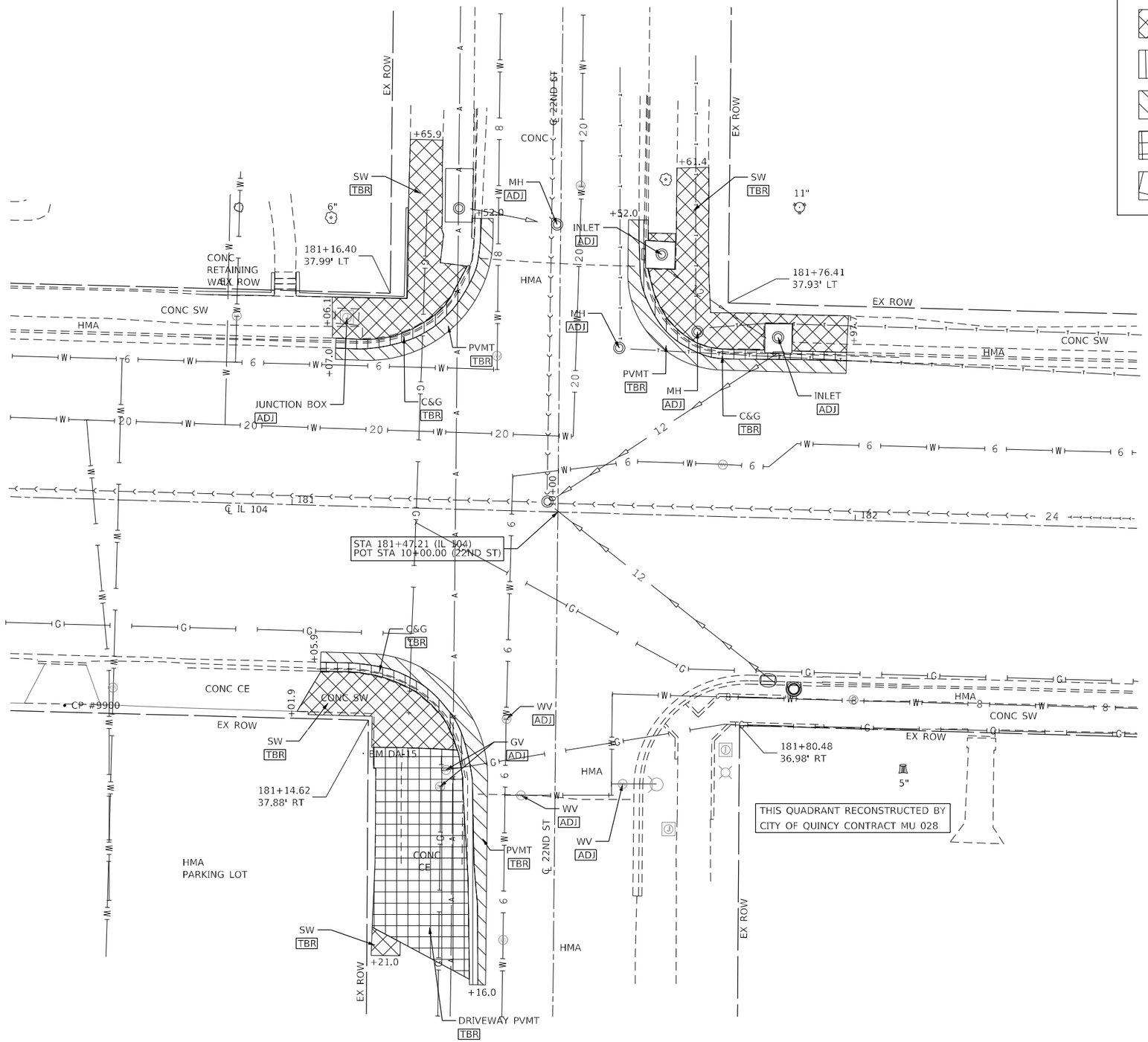
FAP RTE 745 (IL 104)
20TH ST
REMOVAL PLAN

SCALE: 1"=10' | SHEET 5 OF 14 SHEETS | STA. 171+00.00 TO STA. 173+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	64

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

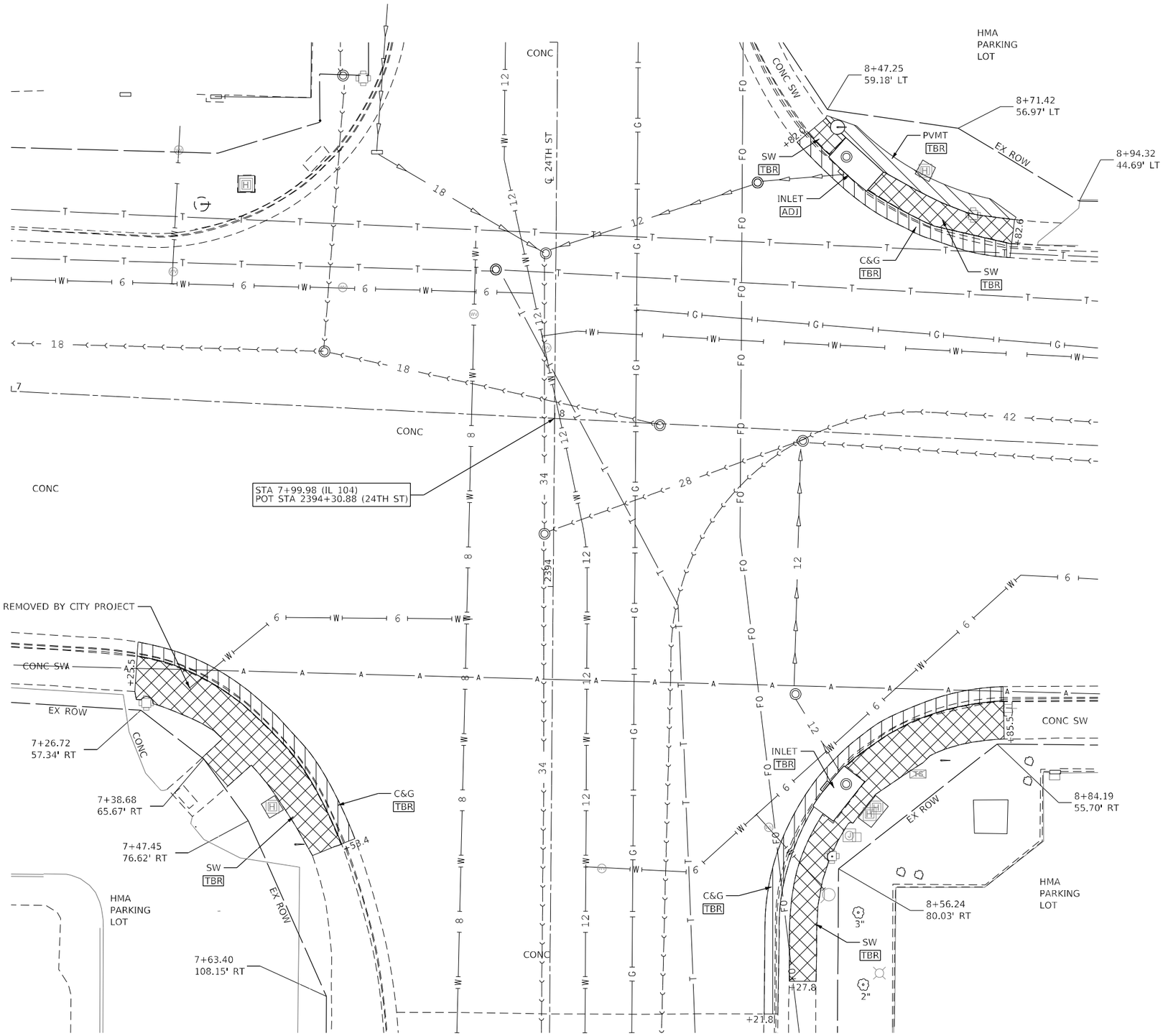


LEGEND

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

MODEL: Default
FILE NAME: P:\Quincy\22Files\22146\Work Order 04 - Broadway\18.Transportation\CADD Sheets\D672K42-sh-Removal06-22nd-St.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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 22ND ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1.SW	ADAMS	171 / 65
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' SHEET 6 OF 14 SHEETS STA. 180+50.00 TO STA. 182+50.00		ILLINOIS	FED. AID PROJECT	



LEGEND

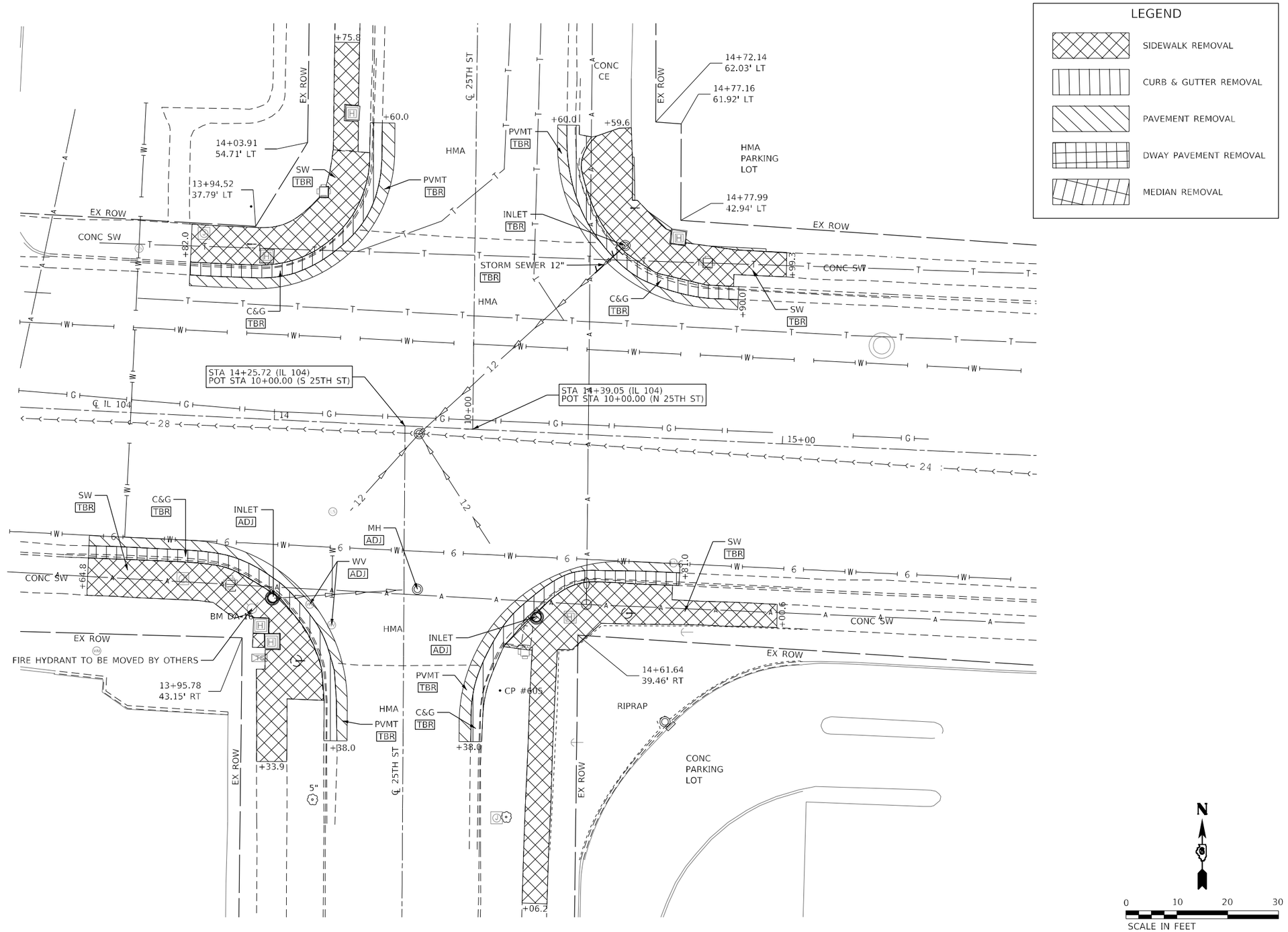
- SIDEWALK REMOVAL
- CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- DWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL

N

0 10 20 30
SCALE IN FEET

MODEL: Default
FILE NAME: P:\Quincy22\Files\120146\Work Order 04 - Broadway\18_Transportation\CADD Sheets\0672K42-sht-Removal07-24th-Sl.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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 24TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 66
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 7 OF 14 SHEETS / STA. 7+00.00 TO STA. 9+00.00		ILLINOIS	FED. AID PROJECT	



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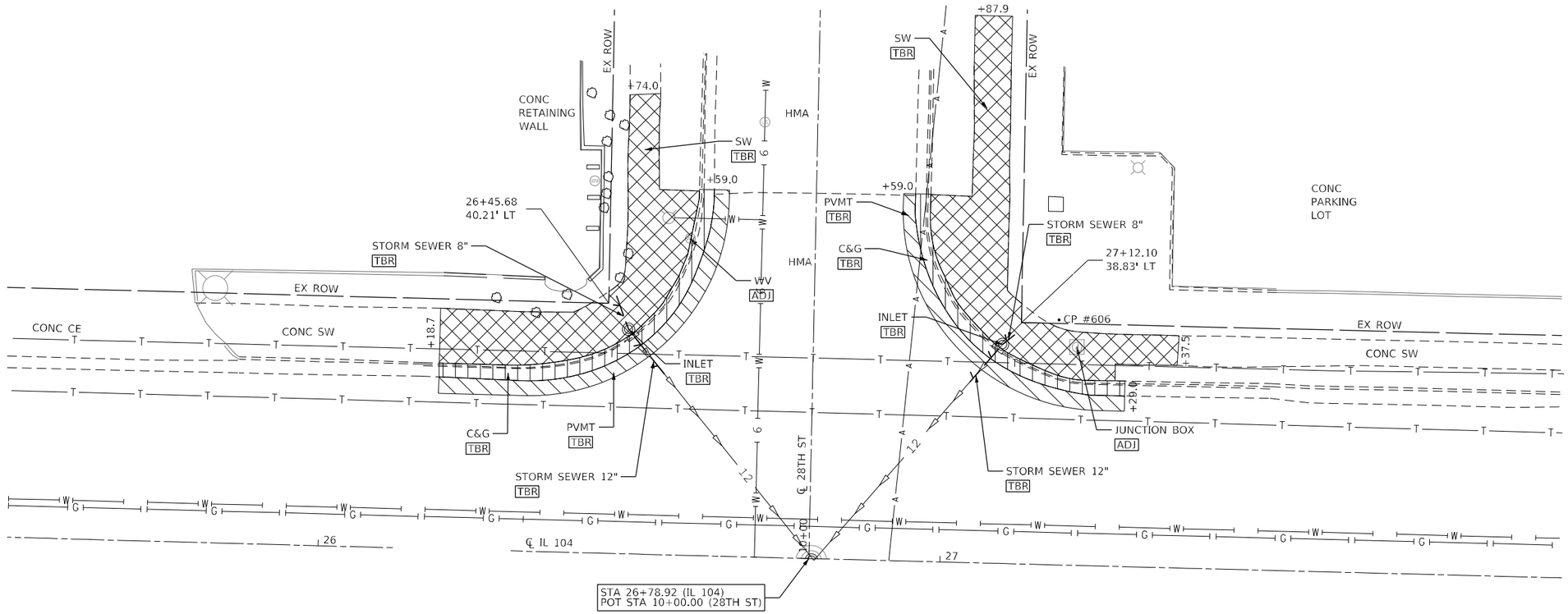
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 25TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 67
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' SHEET 8 OF 14 SHEETS STA. 13+50.00 TO STA. 15+50.00		ILLINOIS	FED. AID PROJECT	



LEGEND

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

N

0 10 20 30

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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

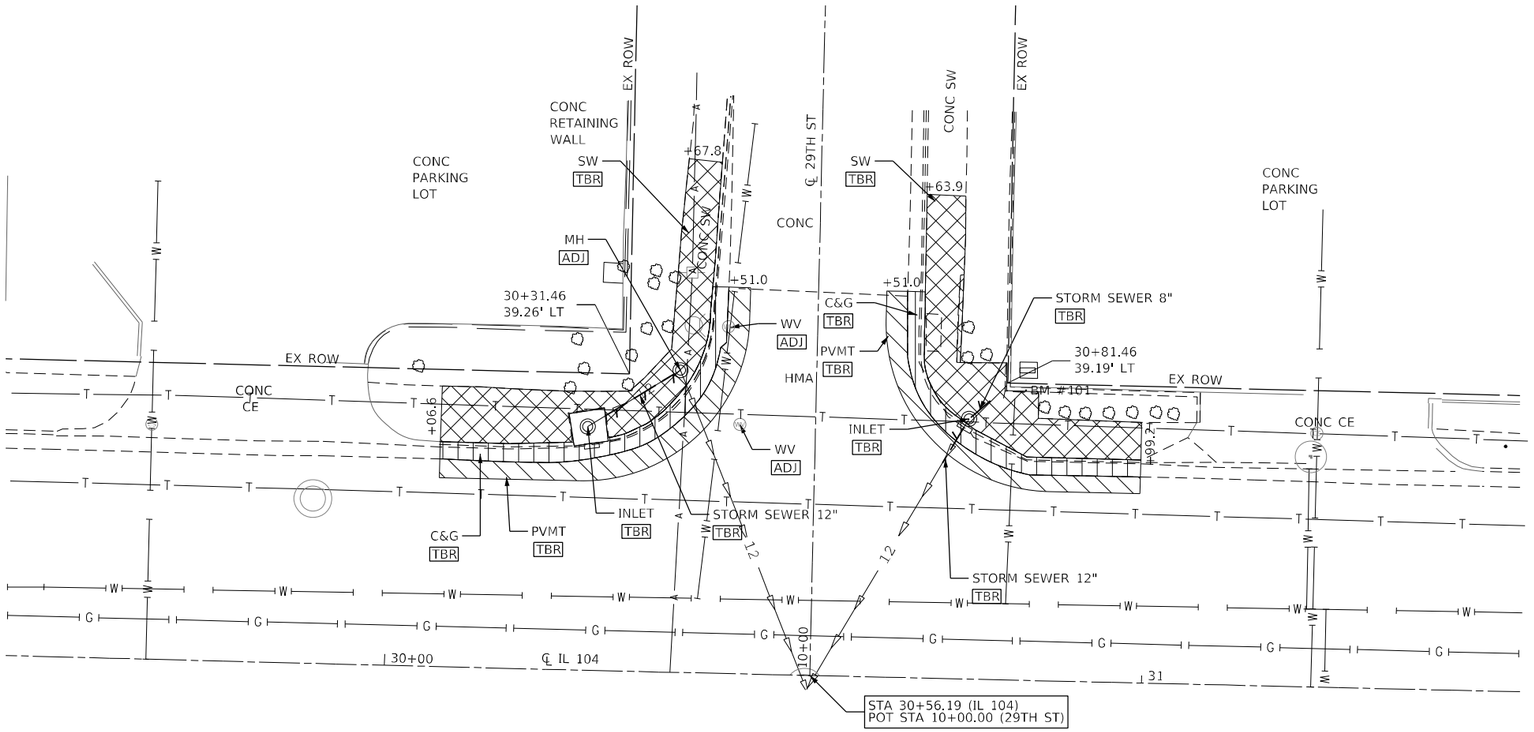
FAP RTE 745 (IL 104)
28TH ST
REMOVAL PLAN

SCALE: 1"=10' | SHEET 9 OF 14 SHEETS | STA. 25+50.00 TO STA. 28+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	68

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



LEGEND

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

N

0 10 20 30

SCALE IN FEET

MODEL: Default
FILE NAME: P:\Quincy\22files\22146\Work Order 04 - Broadway\18.Transportation\CADD Sheets\D672K42-sh-Removal10-29th-St.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

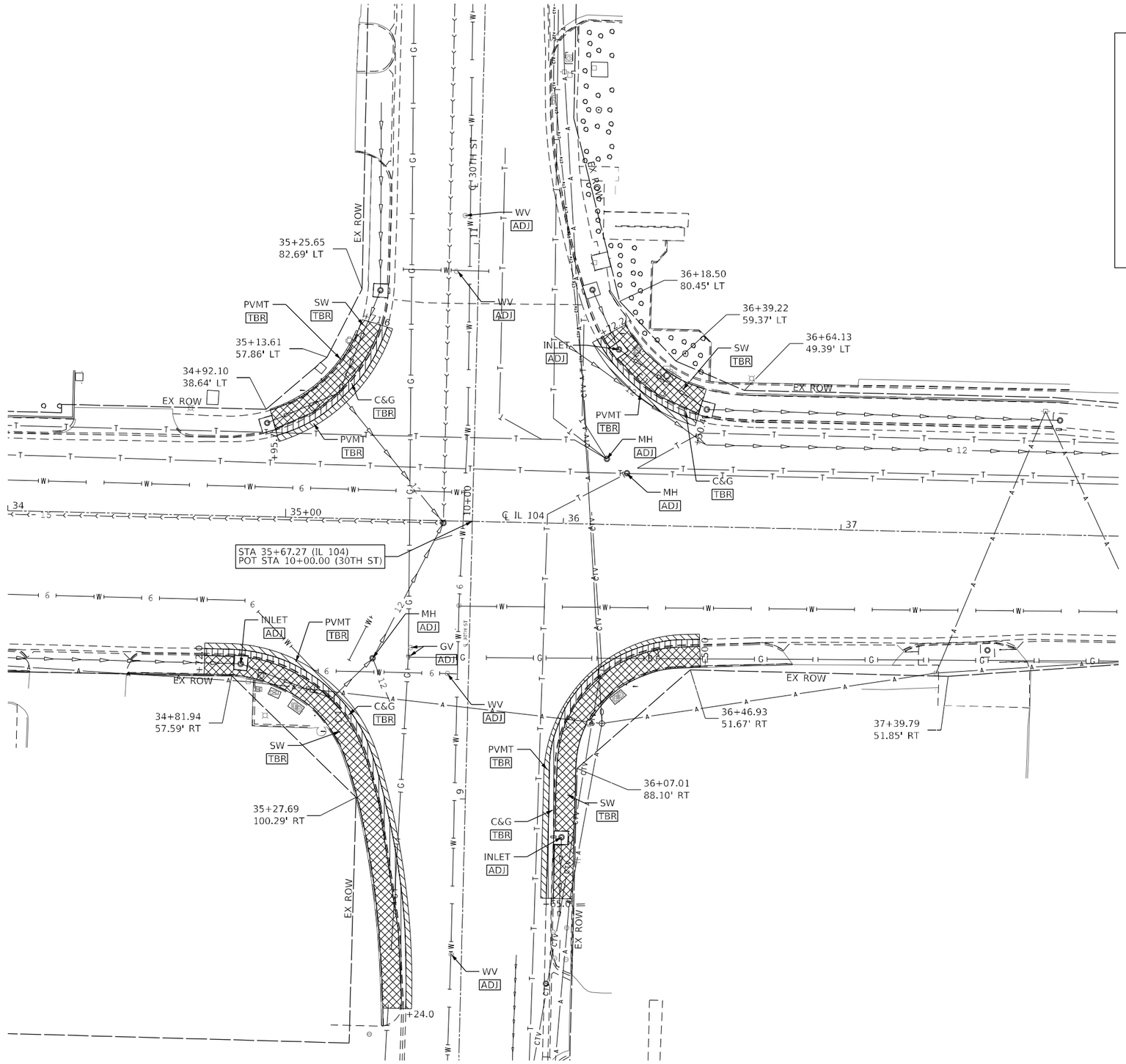
USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
29TH ST
REMOVAL PLAN

SCALE: 1"=10' | SHEET 10 OF 14 SHEETS | STA. 29+50.00 TO STA. 31+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	69
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



LEGEND

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

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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

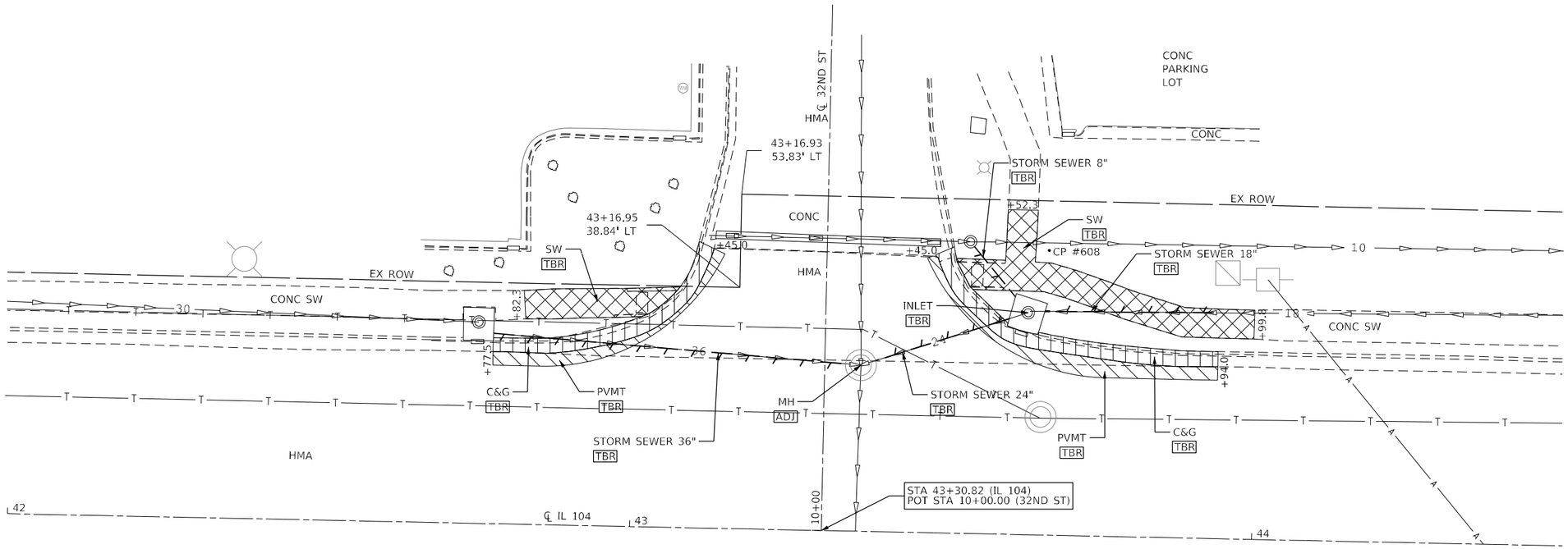
FAP RTE 745 (IL 104)
30TH ST
REMOVAL PLAN

SCALE: 1"=20' | SHEET 11 OF 14 SHEETS | STA. 34+00.00 TO STA. 38+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	70

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



LEGEND

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

N

0 10 20 30

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

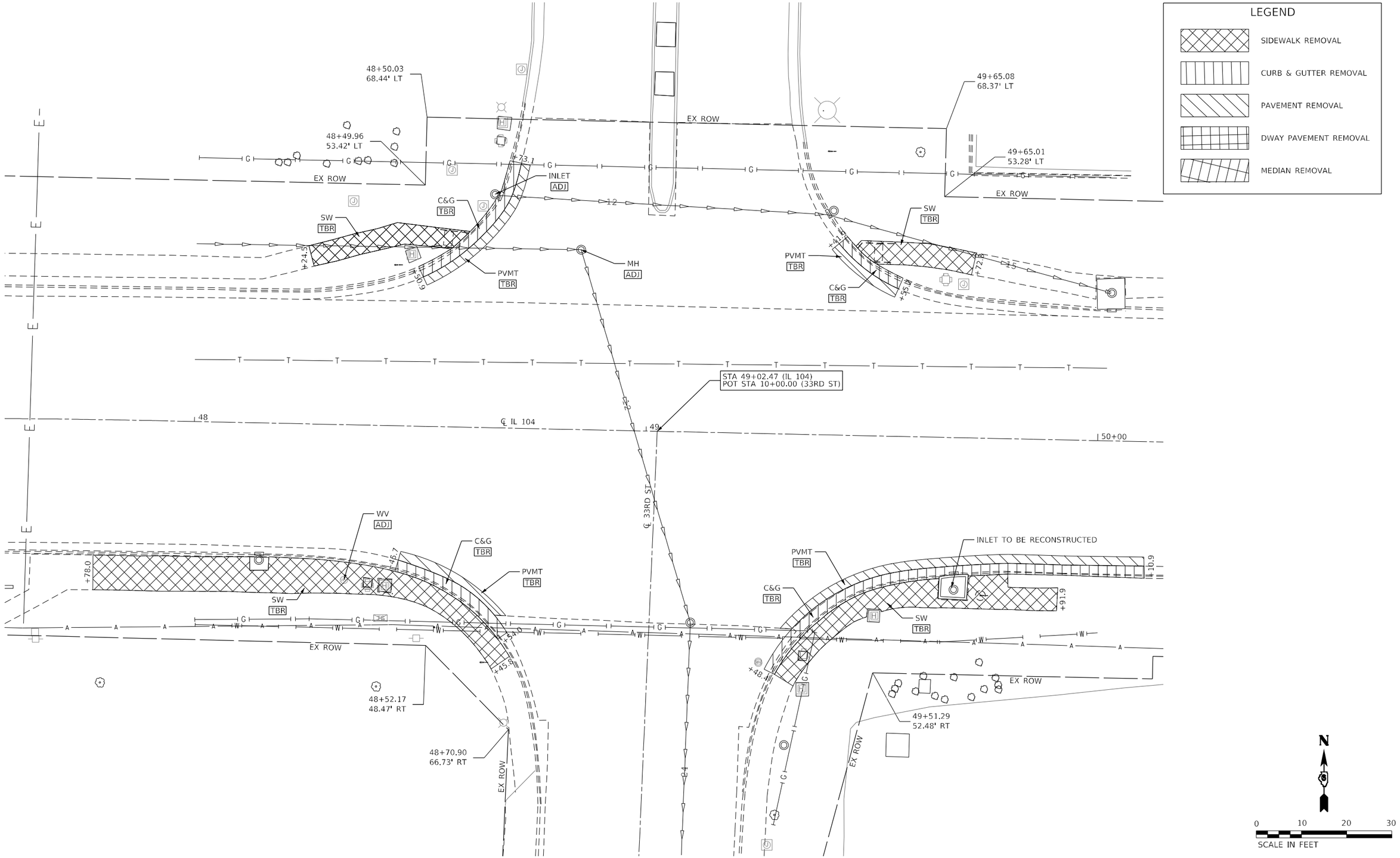
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
32ND ST
REMOVAL PLAN

SCALE: 1"=10' | SHEET 12 OF 14 SHEETS | STA. 42+00.00 TO STA. 44+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	71
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		



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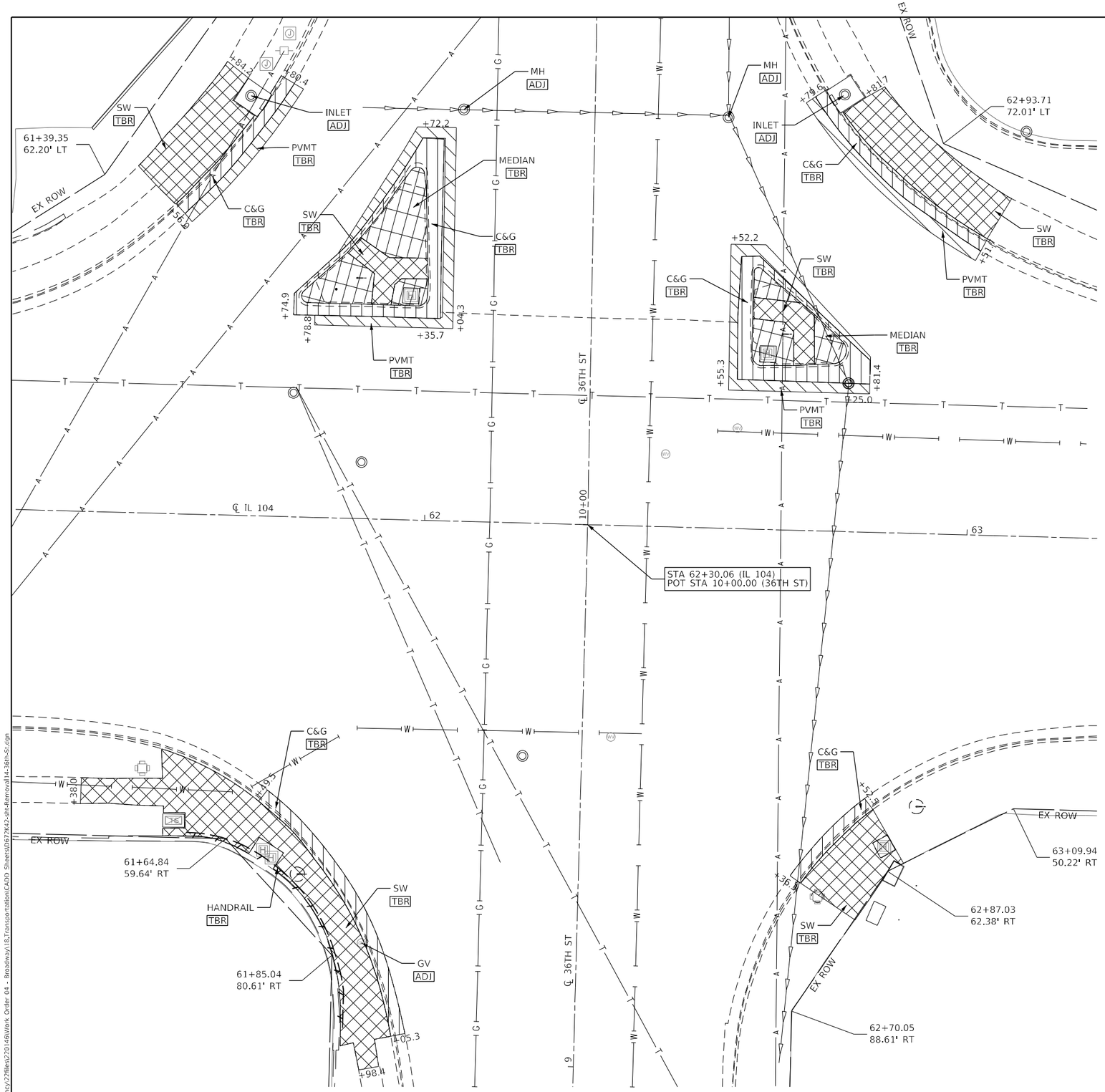
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 33RD ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 72
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 13 OF 14 SHEETS / STA. 47+58.00 TO STA. 50+14.50		ILLINOIS	FED. AID PROJECT	



LEGEND

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

N

0 10 20 30

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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) 36TH ST REMOVAL PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1.SW	ADAMS	171	73
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' SHEET 14 OF 14 SHEETS STA. 61+24.00 TO STA. 63+24.00		ILLINOIS	FED. AID PROJECT		

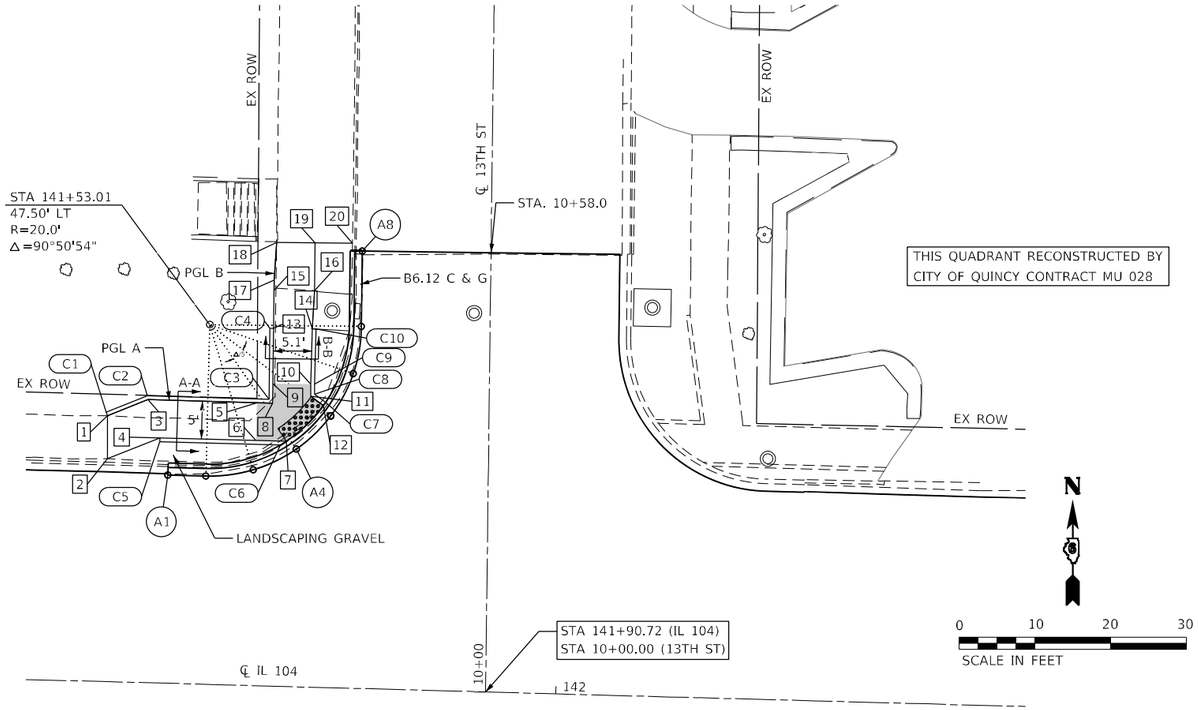
13TH STREET
N.W. & N.E. QUADRANTS

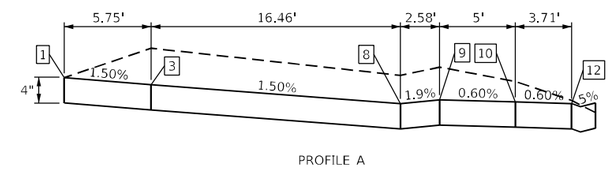
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.

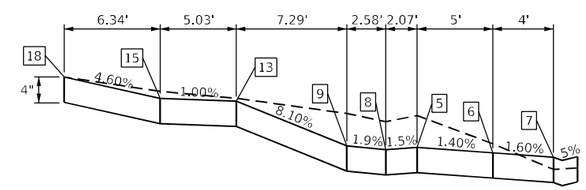
LEGEND

LANDING





PROFILE A



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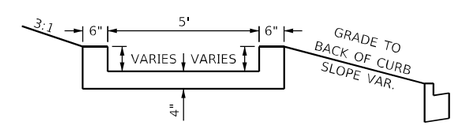
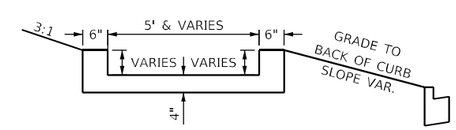


SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 13TH ST.

POINT	IL 104		13TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	141+48.00	27.50' LT	10+28.13	42.31' LT	629.90
A2	141+53.01	27.50' LT	10+28.05	37.30' LT	629.93
A3	141+59.24	28.49' LT	10+28.96	31.05' LT	630.01
A4	141+64.86	31.38' LT	10+31.77	25.39' LT	630.11
A5	141+69.61	36.34' LT	10+36.65	20.56' LT	630.20
A6	141+72.10	41.54' LT	10+41.81	18.00' LT	630.26
A7	141+73.01	47.79' LT	10+48.05	17.00' LT	630.31
A8	141+72.86	57.74' LT	10+58.00	17.00' LT	630.38

SIDEWALK ELEVATIONS
13TH ST - N.W. QUADRANTS

POINT	IL 104-13TH ST		ELEVATION
	STATION	OFFSET	
1	141+39.82	35.10' LT	630.53 *
2	141+39.95	29.43' LT	630.23 *
3	141+45.11	37.36' LT	630.44
4	141+46.82	32.36' LT	630.36
5	141+59.50	37.36' LT	630.22
6	141+59.50	32.36' LT	630.15
7	141+63.50	32.36' LT	630.09
8	141+61.58	37.36' LT	630.19
9	141+61.54	39.93' LT	630.24
10	141+66.54	40.01' LT	630.21
11	141+66.56	38.39' LT	630.20
12	141+68.30	37.22' LT	630.19
13	141+61.43	47.23' LT	630.83
14	141+66.55	47.30' LT	630.77
15	141+61.36	52.25' LT	630.87
16	141+66.68	52.33' LT	630.81
17	141+61.34	53.59' LT	630.92
18	141+61.54	58.59' LT	631.15 *
19	141+66.59	58.67' LT	631.07 *
20	141+71.54	58.74' LT	630.80 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 13TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	630.53	0" *
C2	630.94	6" *
C3	630.69	6" *
C4	630.83	0" *
C5	630.36	0"
C6	630.59	6"
C7	630.69	6"
C8	630.70	6"
C9	630.71	6"
C10	630.77	0"

*MATCH EX GROUND ELEVATION

13TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.50	17.00' LT	630.35	℄	630.62	17.00' RT	630.55
10+36.28	17.00' LT	630.25	℄	630.68	17.00' RT	630.43
10+38.00	17.00' LT	630.24	℄	630.70	17.00' RT	630.41
10+58.00	17.00' LT	630.38	℄	630.84	17.00' RT	630.48

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
13TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 1 OF 26 SHEETS | STA. 141+30.00 TO STA. 142+62.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	74

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

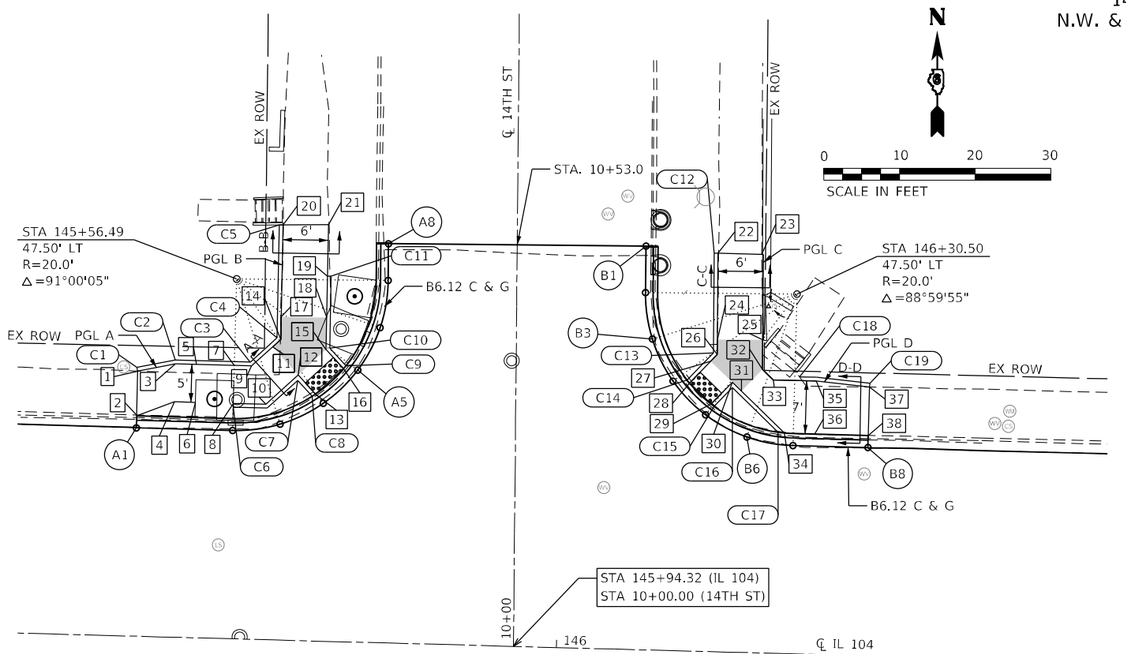
14TH STREET
N.W. & N.E. QUADRANTS

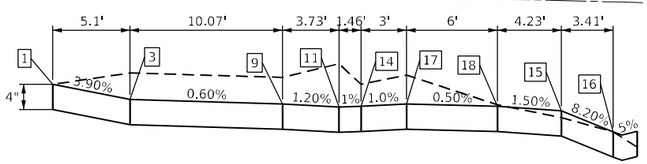
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARDS 424001 & 424006 FOR ADDITIONAL INFORMATION.

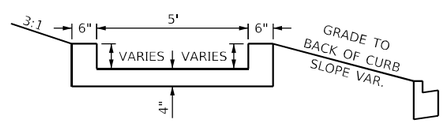
LEGEND

LANDING

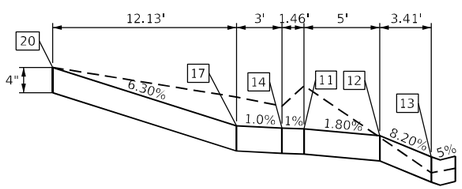




PROFILE A



SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



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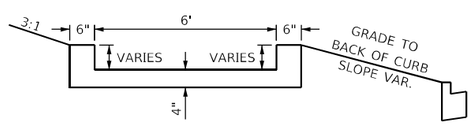
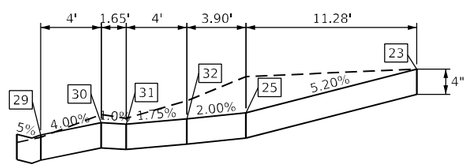


SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



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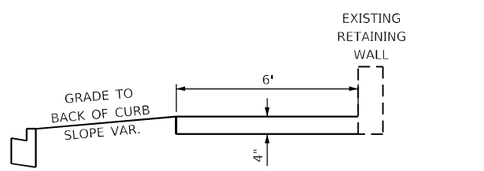
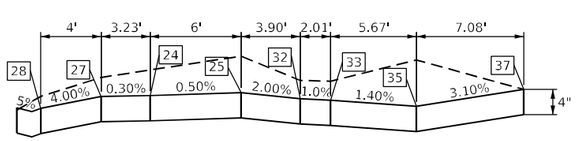


SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



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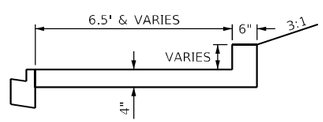

SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 14TH ST.

POINT	IL 104		14TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	145+43.78	27.50' LT	10+28.38	50.06' LT	627.99
A2	145+56.49	27.50' LT	10+28.16	37.35' LT	627.91
A3	145+62.73	28.50' LT	10+29.05	31.09' LT	627.95
A4	145+68.36	31.40' LT	10+31.85	25.41' LT	628.00
A5	145+72.79	35.91' LT	10+36.29	20.90' LT	628.04
A6	145+75.59	41.59' LT	10+41.91	18.00' LT	628.09
A7	145+76.48	47.85' LT	10+48.15	17.00' LT	628.14
A8	145+76.40	52.70' LT	10+53.00	17.00' LT	628.17

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 14TH ST.

POINT	IL 104		14TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	146+10.39	53.29' LT	10+53.00	17.00' RT	628.17
B2	146+10.50	47.15' LT	10+46.86	17.00' RT	628.11
B3	146+11.57	41.05' LT	10+40.75	17.96' RT	628.02
B4	146+14.44	35.58' LT	10+35.22	20.74' RT	627.94
B5	146+18.86	31.24' LT	10+30.80	25.08' RT	627.83
B6	146+24.39	28.46' LT	10+27.93	30.55' RT	627.52
B7	146+30.50	27.50' LT	10+26.86	36.65' RT	627.47
B8	146+40.40	27.50' LT	10+26.69	46.55' RT	627.38

SIDEWALK ELEVATIONS
14TH ST - N.W. QUADRANT

POINT	IL 104-14TH ST		ELEVATION
	STATION	OFFSET	
1	145+43.73	34.99' LT	628.65 *
2	145+43.78	29.08' LT	628.38 *
3	145+48.71	36.08' LT	628.45
4	145+48.71	31.08' LT	628.40
5	145+51.49	36.08' LT	628.43
6	145+51.49	31.08' LT	628.38
7	145+56.49	36.08' LT	628.40
8	145+56.49	31.08' LT	628.35
9	145+58.78	36.08' LT	628.39
10	145+60.78	31.08' LT	628.32
11	145+61.48	38.66' LT	628.35
12	145+64.93	35.05' LT	628.26
13	145+67.29	32.58' LT	627.98
14	145+62.54	39.67' LT	628.36
15	145+68.55	38.50' LT	628.30
16	145+70.90	36.04' LT	628.02
17	145+62.51	42.67' LT	628.39
18	145+68.51	42.73' LT	628.36
19	145+68.46	48.20' LT	628.66
20	145+62.40	54.80' LT	629.16 *
21	145+68.48	55.04' LT	629.03 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 14TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	628.65	0"
C2	628.95	6"
C3	628.89	6"
C4	628.86	6"
C5	629.66	6"
C6	628.35	0"
C7	628.76	6"
C8	628.48	6"
C9	628.52	6"
C10	628.80	6"
C11	628.66	0"

SIDEWALK ELEVATIONS
14TH ST - N.E. QUADRANT

POINT	IL 104-14TH ST		ELEVATION
	STATION	OFFSET	
22	146+19.98	52.63' LT	628.64 *
23	146+25.71	52.63' LT	628.70 *
24	146+20.13	41.24' LT	628.08
25	146+26.13	41.35' LT	628.12
26	146+20.17	39.24' LT	628.07
27	146+19.33	38.33' LT	628.07
28	146+16.62	35.39' LT	627.91
29	146+19.56	32.68' LT	627.83
30	146+22.27	35.62' LT	627.99
31	146+23.49	34.50' LT	627.97
32	146+26.20	37.44' LT	628.04
33	146+27.68	36.08' LT	628.02
34	146+29.33	29.12' LT	627.89
35	146+33.35	36.08' LT	627.94
36	146+33.35	29.08' LT	627.87
37	146+40.40	35.50' LT	628.16 *
38	146+40.40	29.08' LT	627.78 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 14TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C12	628.64	0"
C13	628.57	6"
C14	628.41	6"
C15	628.33	6"
C16	628.32	4"
C17	627.89	0"
C18	628.34	6" *
C19	628.16	0" *

*MATCH EX GROUND ELEVATION

14TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.50	17.00' LT	628.09	℄	628.25	17.00' RT	628.02
10+53.00	17.00' LT	628.17	℄	628.52	17.00' RT	628.17

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3970
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
14TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 2 OF 26 SHEETS | STA. 145+29.00 TO STA. 146+74.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	75

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

14TH STREET
S.W. & S.E. QUADRANTS

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 14TH ST.

POINT	IL 104		14TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	145+41.96	28.50' RT	9+72.42	52.85' LT	627.83
D2	145+60.17	28.50' RT	9+72.10	34.65' LT	627.63
D3	145+63.06	28.71' RT	9+71.84	31.76' LT	627.64
D4	145+66.28	29.46' RT	9+71.04	28.55' LT	627.63
D5	145+71.81	32.24' RT	9+68.16	23.08' LT	627.58
D6	145+76.22	36.58' RT	9+63.75	18.74' LT	627.50
D7	145+79.10	42.05' RT	9+58.22	15.96' LT	627.37
D8	145+80.16	48.15' RT	9+52.10	15.00' LT	627.12
D9	145+80.24	52.25' RT	9+48.00	15.00' LT	626.94
D10	145+80.78	83.62' RT	9+16.63	15.00' LT	626.46

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 14TH ST.

POINT	IL 104		14TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	146+10.23	51.73' RT	9+48.00	15.00' RT	626.92
E2	146+10.18	48.85' RT	9+50.88	15.00' RT	627.03
E3	146+11.07	42.59' RT	9+57.13	16.00' RT	627.27
E4	146+13.87	36.91' RT	9+62.75	18.90' RT	627.38
E5	146+18.31	32.40' RT	9+67.18	23.41' RT	627.44
E6	146+23.93	29.50' RT	9+69.99	29.09' RT	627.46
E7	146+30.18	28.50' RT	9+70.88	35.35' RT	627.44
E8	146+57.61	28.50' RT	9+70.40	62.78' RT	627.26

SIDEWALK / DRIVEWAY ELEVATIONS
14TH ST - S.W. QUADRANT

POINT	IL 104		14TH ST		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
39	145+41.96	37.08' RT	9+63.84	53.00' LT	628.25 *
40	145+41.96	32.58' RT	9+68.34	52.92' LT	628.23 *
41	145+46.96	37.08' RT	9+63.75	48.00' LT	628.13
42	145+46.96	32.58' RT	9+68.25	47.92' LT	628.10
43	145+63.07	37.08' RT	9+63.47	31.90' LT	627.73
44	145+62.99	32.58' RT	9+67.97	31.90' LT	627.66
45	145+62.95	30.29' RT	9+70.26	31.90' LT	627.63
46	145+67.98	31.82' RT	9+68.64	26.90' LT	627.61
47	145+68.07	36.91' RT	9+63.55	26.90' LT	627.69
48	145+68.57	36.91' RT	9+63.55	26.40' LT	627.68
49	145+74.39	36.80' RT	9+63.55	20.57' LT	627.50
50	145+68.65	41.91' RT	9+58.55	26.40' LT	627.75
51	145+74.48	41.80' RT	9+58.55	20.57' LT	627.43
52	145+77.30	41.75' RT	9+58.55	17.75' LT	627.38
53	145+63.16	42.00' RT	9+58.55	31.89' LT	627.80
54	145+62.58	45.51' RT	9+55.05	32.40' LT	627.97 *
55	145+68.71	45.40' RT	9+55.05	26.40' LT	627.86
56	145+78.29	45.24' RT	9+55.05	16.82' LT	627.33
57	145+62.79	49.75' RT	9+50.81	32.40' LT	627.86 *
58	145+68.79	49.65' RT	9+50.81	26.40' LT	627.74
59	145+78.60	49.47' RT	9+50.81	16.58' LT	627.13
60	145+63.00	61.61' RT	9+38.94	32.40' LT	627.52 *
61	145+68.99	61.51' RT	9+38.94	26.40' LT	627.40
62	145+78.81	61.34' RT	9+38.94	16.58' LT	626.61
63	145+63.24	75.47' RT	9+25.08	32.40' LT	627.23 *
64	145+69.24	75.37' RT	9+25.08	26.40' LT	627.09
65	145+79.05	75.20' RT	9+25.08	16.58' LT	626.55
66	145+79.20	83.65' RT	9+16.63	16.58' LT	626.88
67	145+63.57	81.98' RT	9+18.57	32.19' LT	MATCH EX.
68	145+69.44	81.87' RT	9+18.58	26.31' LT	MATCH EX.

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
14TH ST - S.E. QUADRANT

POINT	IL 104-14TH ST		ELEVATION
	STATION	OFFSET	
69	146+19.94	60.88' RT	627.24 *
70	146+25.87	60.69' RT	627.27 *
71	146+25.79	41.91' RT	627.46
72	146+19.79	42.01' RT	627.38
73	146+12.90	42.13' RT	627.28
74	146+25.73	38.56' RT	627.50
75	146+17.73	37.05' RT	627.40
76	146+15.73	37.08' RT	627.38
77	146+20.66	35.12' RT	627.45
78	146+20.62	32.76' RT	627.44
79	146+25.62	32.73' RT	627.47
80	146+25.59	30.66' RT	627.45
81	146+27.97	37.08' RT	627.53
82	146+30.62	37.08' RT	627.55
83	146+30.62	32.08' RT	627.51
84	146+40.48	37.08' RT	627.64
85	146+52.61	37.08' RT	627.76
86	146+52.61	32.08' RT	627.66
87	146+57.61	36.08' RT	627.86 *
88	146+57.61	30.08' RT	627.68 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 14TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C20	628.25	0" *
C21	628.11	4.5"*
C22	627.97	0" *
C23	628.23	0"
C24	628.60	6"
C25	628.16	6"
C26	628.13	6"
C27	628.11	6"
C28	628.19	6"
C29	628.00	6"
C30	627.88	6"
C31	628.25	6"
C32	628.36	6"
C33	627.33	0"

*MATCH EX GROUND ELEVATION

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 STANDARDS 424001 & 424006 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING

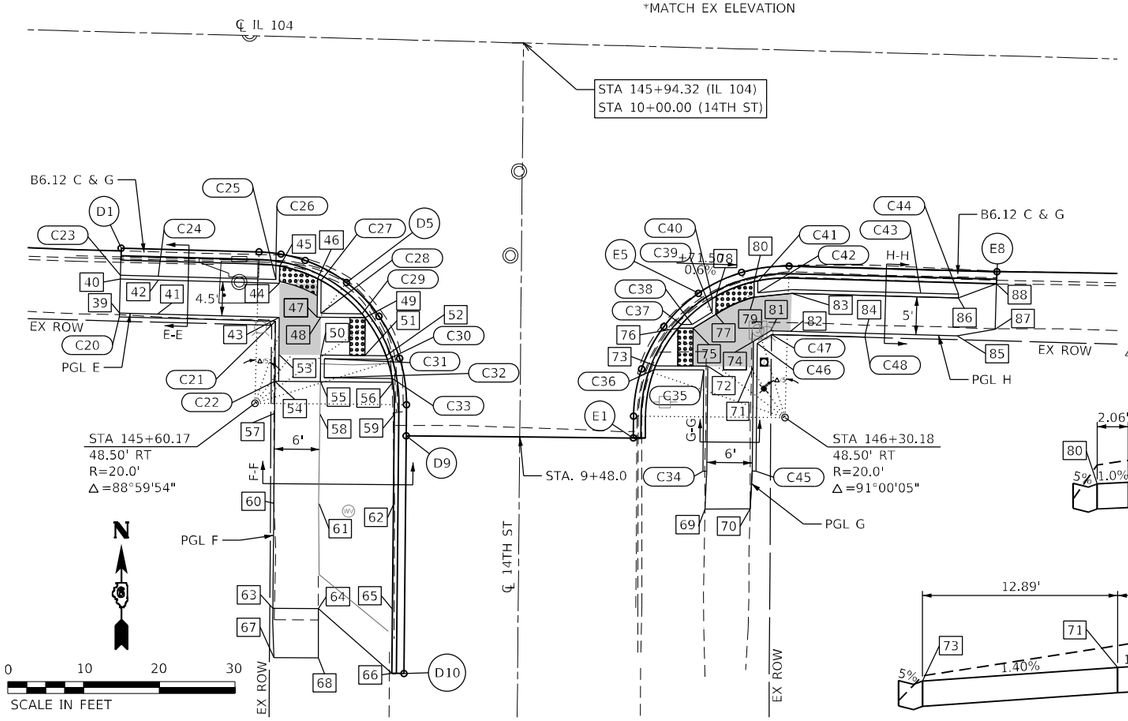
CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 14TH ST.

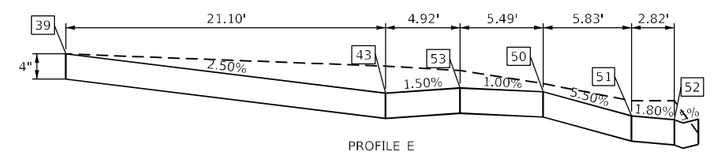
POINT	TOP CURB ELEVATION	CURB HEIGHT
C34	627.28	0"
C35	627.88	6"
C36	627.78	6"
C37	627.88	6"
C38	627.90	6"
C39	627.95	6"
C40	627.94	6"
C41	627.95	6"
C42	627.97	6"
C43	628.13	6"
C44	627.66	0"
C45	627.32	0" *
C46	628.00	6" *
C47	628.03	6" *
C48	627.64	0" *

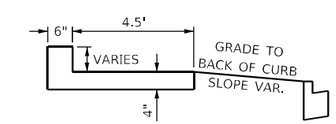
*MATCH EX GROUND ELEVATION

14TH ST. CL & EOP ELEVATIONS

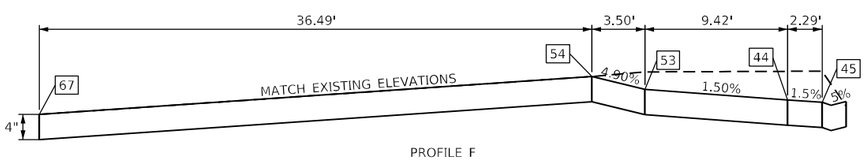
STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+48.00	15.00' LT	626.94	℄	627.27	15.00' RT	626.92
9+71.50	15.00' LT	627.72	℄	627.84	15.00' RT	627.57

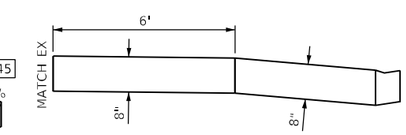






SECTION E-E
* SEE TABLES FOR CURB ELEVATIONS





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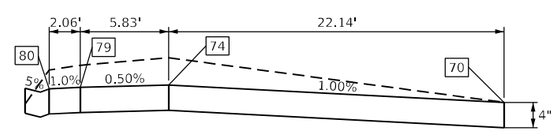
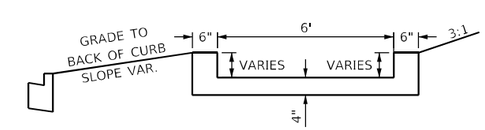
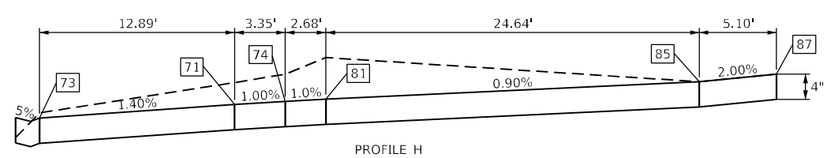
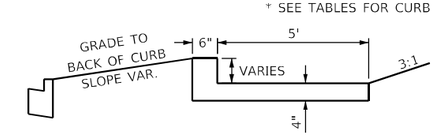




SECTION G-G
* SEE TABLES FOR CURB ELEVATIONS





SECTION H-H
* SEE TABLES FOR CURB ELEVATIONS

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		DRAWN -	REVISED -
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	PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

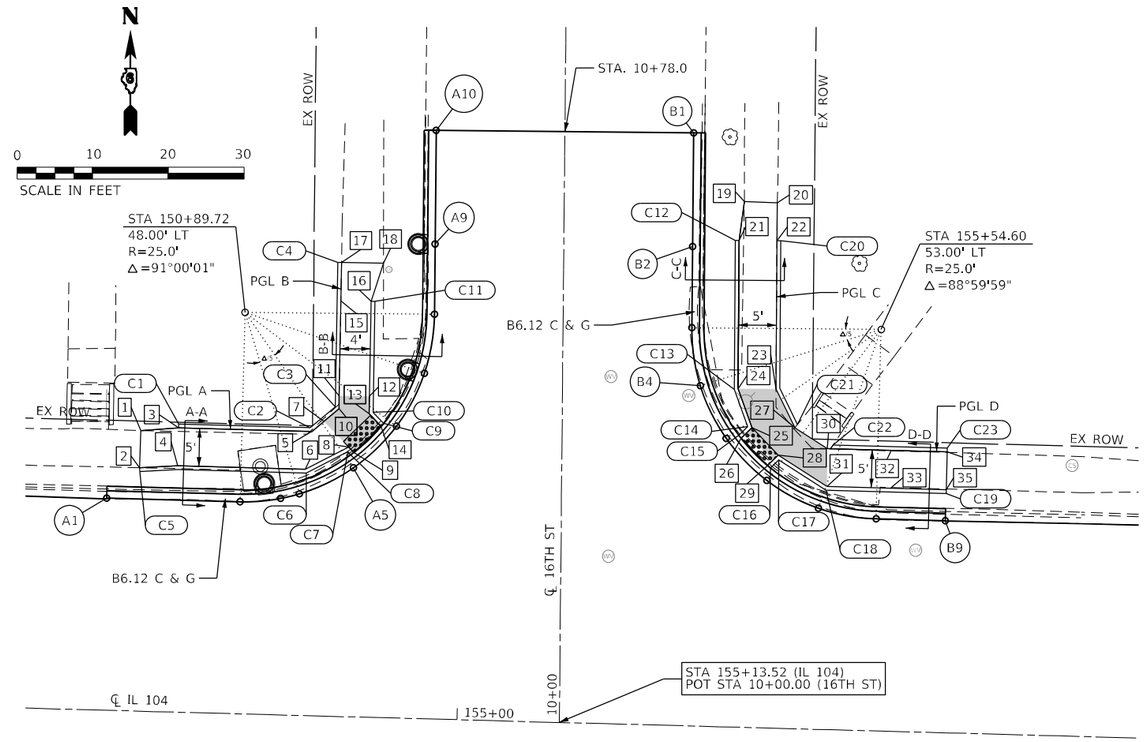
FAP RTE 745 (IL 104)
14TH ST
GEOMETRIC DETAILS

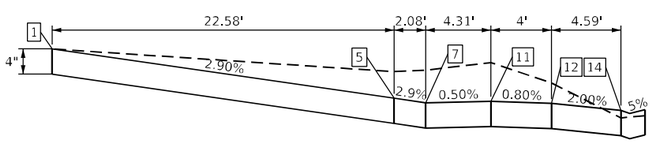
SCALE: 1"=10' | SHEET 3 OF 26 SHEETS | STA. 145+29.00 TO STA. 146+74.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	76

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT





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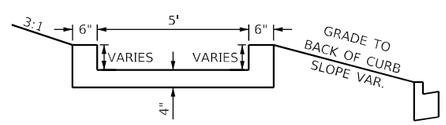
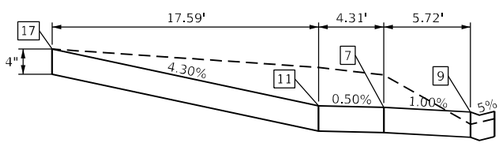


SECTION A-A



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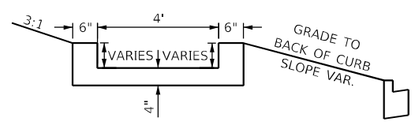
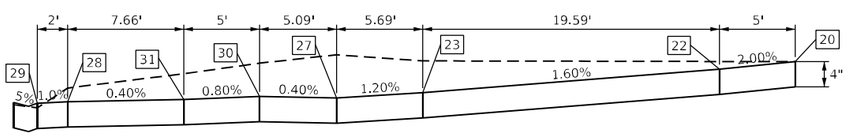


SECTION B-B

* SEE TABLES FOR CURB ELEVATIONS



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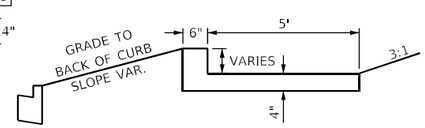
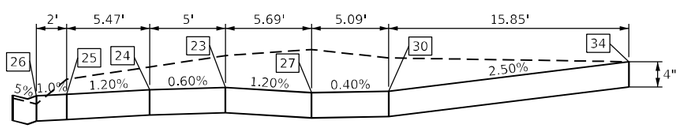


SECTION C-C

* SEE TABLES FOR CURB ELEVATIONS



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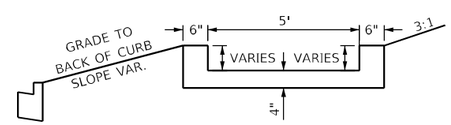

SECTION D-D

* SEE TABLES FOR CURB ELEVATIONS

16TH STREET
N.W. & N.E. QUADRANTS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 16TH ST.

POINT	IL 104		16TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	154+52.98	28.00' LT	10+29.05	60.04' LT	621.08
A2	154+70.58	28.00' LT	10+28.75	42.44' LT	620.89
A3	154+75.94	28.58' LT	10+29.23	37.08' LT	620.78
A4	154+78.39	29.25' LT	10+29.86	34.61' LT	620.79
A5	154+85.42	32.88' LT	10+33.36	27.52' LT	620.81
A6	154+90.96	38.52' LT	10+38.91	21.88' LT	620.82
A7	154+94.47	45.61' LT	10+45.93	18.25' LT	620.81
A8	154+95.58	53.44' LT	10+53.74	17.00' LT	620.79
A9	154+95.42	62.70' LT	10+63.00	17.00' LT	620.74
A10	154+95.16	77.70' LT	10+78.00	17.00' LT	620.87

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 16TH ST.

POINT	IL 104		16TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	155+29.15	78.29' LT	10+78.00	17.00' RT	620.70
B2	155+29.41	63.29' LT	10+63.00	17.00' RT	620.64
B3	155+29.60	52.56' LT	10+52.27	17.00' RT	620.58
B4	155+30.93	44.94' LT	10+44.63	18.20' RT	620.55
B5	155+34.53	38.09' LT	10+37.72	21.67' RT	620.53
B6	155+40.04	32.67' LT	10+32.20	27.09' RT	620.50
B7	155+46.96	29.20' LT	10+28.61	33.94' RT	620.44
B8	155+54.60	28.00' LT	10+27.28	41.56' RT	620.37
B9	155+63.74	28.00' LT	10+27.12	50.70' RT	620.31

SIDEWALK ELEVATIONS
16TH ST - N.W. QUADRANT

POINT	IL 104-16TH ST		ELEVATION
	STATION	OFFSET	
1	154+57.25	37.03' LT	621.60 *
2	154+57.21	32.13' LT	621.48 *
3	154+62.25	37.53' LT	621.46
4	154+62.25	32.53' LT	621.36
5	154+79.80	37.53' LT	620.95
6	154+79.09	32.53' LT	620.94
7	154+81.36	38.91' LT	620.89
8	154+84.73	35.60' LT	620.84
9	154+85.44	34.90' LT	620.83
10	154+83.31	40.64' LT	620.90
11	154+83.30	42.33' LT	620.91
12	154+89.30	42.37' LT	620.88
13	154+87.32	40.06' LT	620.83
14	154+88.94	38.46' LT	620.79
15	154+83.18	54.88' LT	621.45
16	154+87.18	54.92' LT	621.37
17	154+83.14	59.93' LT	621.66 *
18	154+88.69	60.00' LT	621.54 *

*MATCH EX ELEVATION

16TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+28.00	17.00' LT	620.92	℄	620.74	17.00' RT	620.65
10+63.00	17.00' LT	620.74	℄	621.05	17.00' RT	620.64
10+78.00	17.00' LT	620.87	℄	621.18	17.00' RT	620.70

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THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARDS 424006 & 424011 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING

SIDEWALK ELEVATIONS
16TH ST - N.E. QUADRANT

POINT	IL 104-16TH ST		ELEVATION
	STATION	OFFSET	
19	155+36.08	69.43' LT	620.95 *
20	155+40.42	69.36' LT	621.04 *
21	155+35.52	64.25' LT	620.84
22	155+40.52	64.36' LT	620.94
23	155+40.93	44.77' LT	620.63
24	155+35.93	44.67' LT	620.60
25	155+37.90	39.57' LT	620.54
26	155+36.50	38.15' LT	620.52
27	155+43.55	39.73' LT	620.56
28	155+41.46	36.07' LT	620.51
29	155+40.06	34.64' LT	620.49
30	155+47.89	37.08' LT	620.58
31	155+48.01	32.08' LT	620.54
32	155+56.34	37.08' LT	620.79
33	155+56.34	32.08' LT	620.69
34	155+63.74	37.08' LT	620.97 *
35	155+63.74	32.08' LT	620.83 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 16TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C12	620.84	0"
C13	621.10	6"
C14	621.04	6"
C15	621.02	6"
C16	620.99	6"
C17	621.01	6"
C18	621.04	6"
C19	620.83	0"
C20	620.94	0" *
C21	621.13	6" *
C22	621.02	6" *
C23	620.97	0" *

*MATCH EX GROUND ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 16TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	621.46	0" *
C2	621.45	6" *
C3	621.40	6" *
C4	621.66	0" *
C5	621.48	0"
C6	621.44	6"
C7	621.34	6"
C8	621.33	6"
C9	621.29	6"
C10	621.33	6"
C11	621.37	0"

*MATCH EX GROUND 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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
16TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 4 OF 26 SHEETS | STA. 154+43.00 TO STA. 155+90.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	77

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

16TH STREET
S.W. & S.E. QUADRANTS

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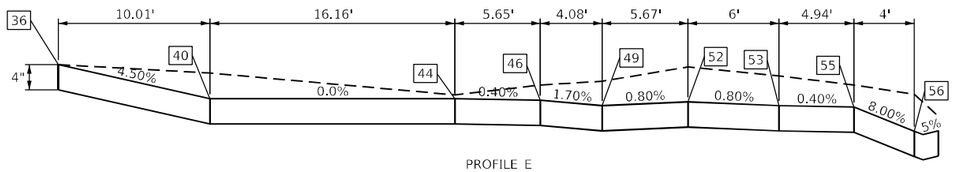
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARDS 424006 & 424011 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING



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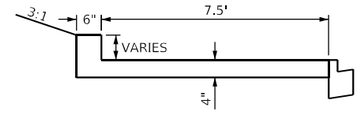
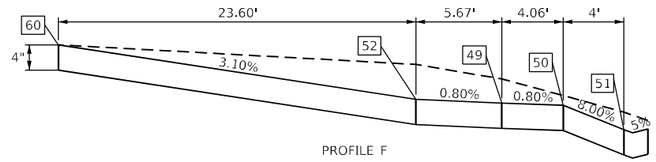


SECTION E-E
* SEE TABLES FOR CURB ELEVATIONS



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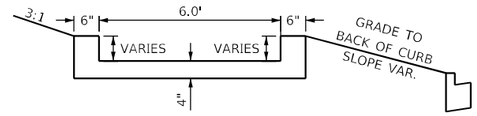
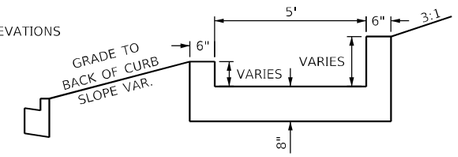
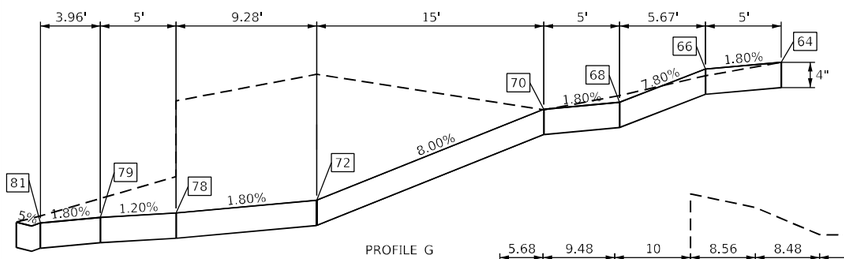


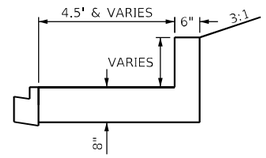
SECTION F-F
* SEE TABLES FOR CURB ELEVATIONS



SECTION G-G
* SEE TABLES FOR CURB ELEVATIONS



PROFILE G



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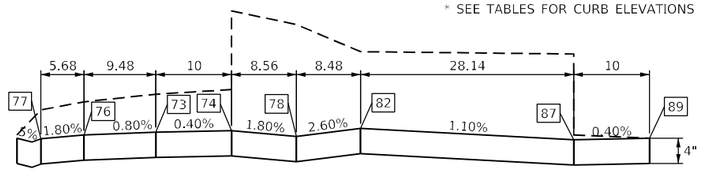
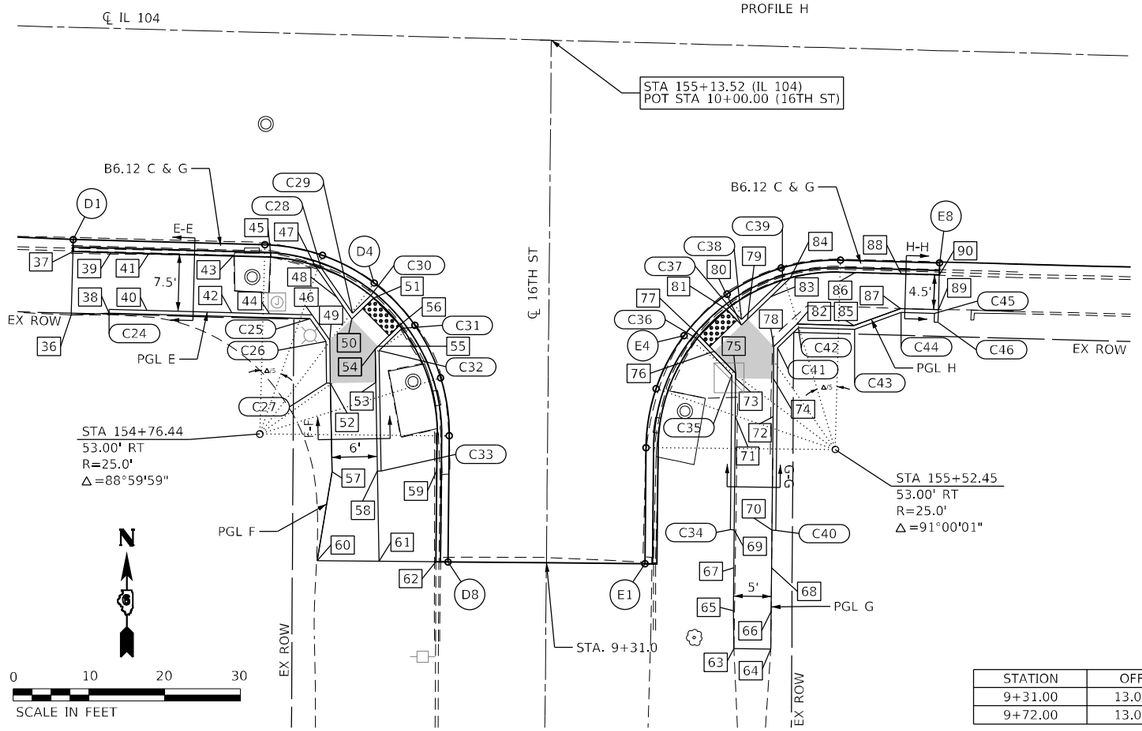
* SEE TABLES FOR CURB ELEVATIONS



PROFILE H



SIDEWALK ELEVATIONS
16TH ST - S.W. QUADRANT

POINT	IL 104-16TH ST		ELEVATION
	STATION	OFFSET	
36	154+51.12	37.95' RT	622.10 *
37	154+51.12	29.83' RT	621.63 *
38	154+56.12	37.58' RT	621.87
39	154+56.12	29.58' RT	621.64
40	154+61.12	37.08' RT	621.65
41	154+61.12	29.58' RT	621.61
42	154+72.28	37.08' RT	621.65
43	154+72.28	29.58' RT	621.51
44	154+77.28	37.08' RT	621.65
45	154+77.28	29.60' RT	621.51
46	154+82.92	37.08' RT	621.63
47	154+83.13	30.56' RT	621.62
48	1554+86.16	34.73' RT	621.56
49	154+85.33	40.39' RT	621.56
50	154+88.17	37.49' RT	621.53
51	154+90.97	34.64' RT	621.21
52	154+85.58	46.05' RT	621.61
53	154+91.57	45.78' RT	621.56
54	154+91.37	41.37' RT	621.54
55	154+91.73	41.00' RT	621.54
56	154+94.54	38.15' RT	621.22
57	154+86.09	57.74' RT	621.96
58	154+92.08	57.47' RT	621.89
59	154+99.93	57.13' RT	621.63
60	154+84.45	69.52' RT	622.33 *
61	154+92.61	69.35' RT	622.22 *
62	155+00.14	69.24' RT	622.01 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
16TH ST - S.E. QUADRANT

POINT	IL 104-16TH ST		ELEVATION
	STATION	OFFSET	
63	155+39.79	79.64' RT	622.96 *
64	155+44.65	79.56' RT	622.99 *
65	155+39.56	74.64' RT	622.87
66	155+44.56	74.56' RT	622.90
67	155+39.47	68.97' RT	622.44
68	155+44.47	68.88' RT	622.46
69	155+39.38	63.97' RT	622.35
70	155+44.38	63.89' RT	622.37
71	155+39.13	48.97' RT	621.15
72	155+44.13	48.89' RT	621.17
73	155+39.04	43.97' RT	621.06
74	155+44.04	43.89' RT	621.08
75	155+39.03	43.32' RT	621.05
76	155+36.12	40.46' RT	621.02
77	155+34.09	38.46' RT	620.97
78	155+43.97	39.60' RT	621.00
79	155+40.40	36.10' RT	620.94
80	155+39.62	36.89' RT	620.92
81	155+37.59	34.90' RT	620.87
82	155+46.94	36.58' RT	621.11
83	155+43.37	33.08' RT	621.02
84	155+45.88	30.52' RT	621.08
85	155+54.48	36.58' RT	621.03
86	155+54.48	29.58' RT	621.01
87	155+60.55	34.17' RT	620.96
88	155+60.55	29.58' RT	620.94
89	155+65.55	34.17' RT	620.98 *
90	155+65.55	26.66' RT	620.85 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 16TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C24	621.87	0" *
C25	621.88	3" *
C26	621.98	5" *
C27	621.61	0" *
C28	622.12	6"
C29	622.03	6"
C30	621.71	6"
C31	621.72	6"
C32	622.04	6"
C33	621.89	0"

*MATCH EX GROUND ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 16TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C34	622.35	0"
C35	621.49	6"
C36	621.39	6"
C37	621.37	6"
C38	621.42	6"
C39	621.08	0"
C40	622.37	0" *
C41	621.50	12" *
C42	621.61	12" *
C43	622.53	18" *
C44	621.46	12" *
C45	621.48	12" *
C46	622.07	12" *

*MATCH EX GROUND ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 16TH ST.

POINT	IL 104		16TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	154+51.12	28.00' RT	9+73.09	62.87' LT	621.25
D2	154+76.44	28.00' RT	9+72.65	37.56' LT	621.07
D3	154+84.08	29.20' RT	9+71.32	29.94' LT	621.20
D4	154+90.99	32.67' RT	9+67.73	23.09' LT	621.21
D5	154+96.51	38.09' RT	9+62.21	17.67' LT	621.23
D6	155+00.10	44.94' RT	9+55.30	14.20' LT	621.30
D7	155+01.43	52.56' RT	9+47.66	13.00' LT	621.42
D8	155+01.72	69.22' RT	9+31.00	13.00' LT	621.62

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 16TH ST.

POINT	IL 104		16TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	155+27.72	68.76' RT	9+31.00	13.00' RT	621.62
E2	155+27.45	53.44' RT	9+46.33	13.00' RT	621.33
E3	155+28.57	45.61' RT	9+54.14	14.25' RT	621.17
E4	155+32.07	38.52' RT	9+61.16	17.88' RT	621.01
E5	155+37.61	32.88' RT	9+66.71	23.52' RT	620.85
E6	155+44.64	29.25' RT	9+70.21	30.61' RT	620.69
E7	155+52.45	28.00' RT	9+71.32	38.44' RT	620.61
E8	155+65.55	28.00' RT	9+71.10	51.53' RT	620.45

16TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+31.00	13.00' LT	621.62	℄	621.98	13.00' RT	621.62
9+72.00	13.00' LT	621.22	℄	621.08	13.00' RT	620.95

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

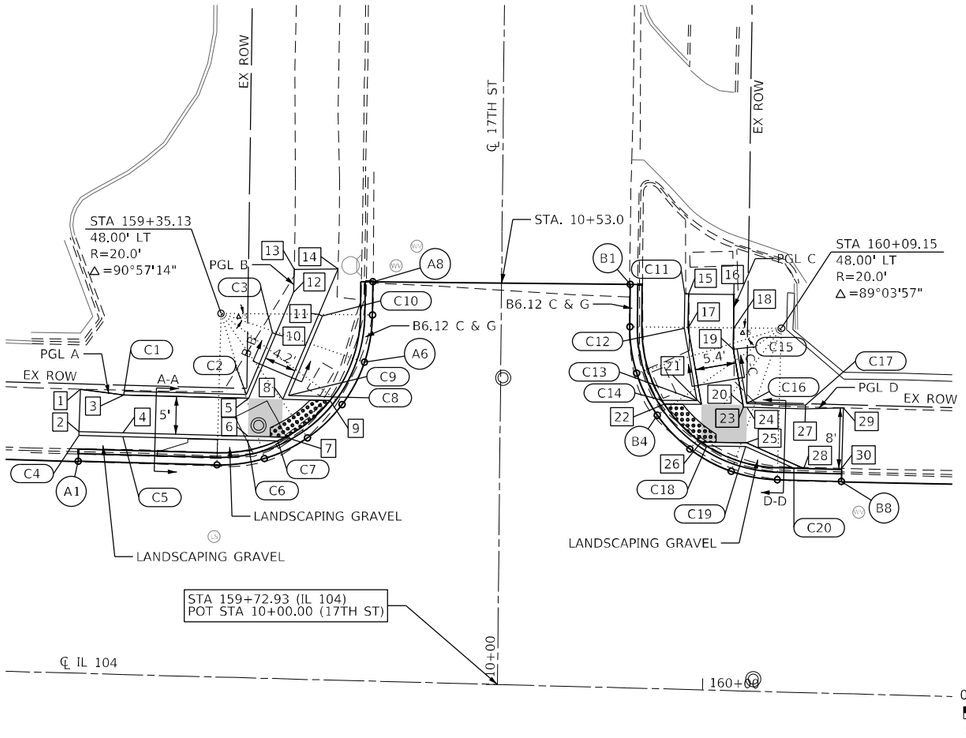
FAP RTE 745 (IL 104)
16TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 5 OF 26 SHEETS | STA. 154+43.00 TO STA. 155+90.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	78

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



17TH STREET
N.W. & N.E. QUADRANTS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 17TH ST.

POINT	IL 104		17TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	159+16.80	28.00' LT	10+28.92	55.66' LT	617.13
A2	159+35.13	28.00' LT	10+28.62	37.33' LT	616.85
A3	159+41.37	29.00' LT	10+29.51	31.07' LT	616.78
A4	159+47.00	31.90' LT	10+32.32	25.41' LT	616.71
A5	159+51.44	36.40' LT	10+36.75	20.90' LT	616.64
A6	159+54.24	42.07' LT	10+42.37	18.00' LT	616.54
A7	159+55.14	48.33' LT	10+48.61	17.00' LT	616.42
A8	159+55.07	52.72' LT	10+53.00	17.00' LT	616.33

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 17TH ST.

POINT	IL 104		17TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	159+89.06	53.27' LT	10+53.00	17.00' RT	616.11
B2	159+89.16	47.67' LT	10+47.40	17.00' RT	616.25
B3	159+90.21	41.57' LT	10+41.28	17.96' RT	616.38
B4	159+93.09	36.09' LT	10+35.75	20.74' RT	616.51
B5	159+97.50	31.74' LT	10+31.34	25.09' RT	616.56
B6	160+03.03	28.96' LT	10+28.46	30.57' RT	616.45
B7	160+09.15	28.00' LT	10+27.41	36.67' RT	616.33
B8	160+17.61	28.00' LT	10+27.27	45.13' RT	616.26

SIDEWALK ELEVATIONS
17TH ST - N.W. QUADRANT

POINT	IL 104-17TH ST		ELEVATION
	STATION	OFFSET	
1	159+16.85	37.49' LT	617.63 *
2	159+16.81	31.89' LT	617.56 *
3	159+22.60	36.89' LT	617.42
4	159+22.60	31.89' LT	617.36
5	159+39.09	36.89' LT	616.81
6	159+39.09	31.89' LT	616.78
7	159+44.04	31.89' LT	616.73
8	159+43.59	36.89' LT	616.76
9	159+49.82	36.89' LT	616.64
10	159+42.45	45.44' LT	616.91
11	159+48.05	48.21' LT	616.88
12	159+44.66	51.07' LT	616.97
13	159+44.64	54.05' LT	617.07 *
14	159+50.44	54.29' LT	616.95 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 17TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	617.42	0" *
C2	617.31	6" *
C3	616.91	0" *
C4	617.56	0"
C5	617.86	6"
C6	617.28	6"
C7	617.23	6"
C8	617.14	6"
C9	617.26	6"
C10	616.88	0"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
17TH ST - N.E. QUADRANT

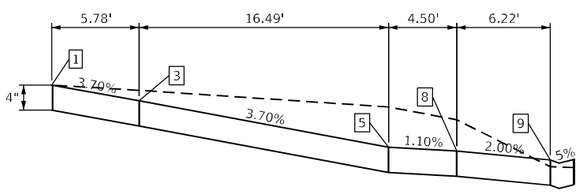
POINT	IL 104-17TH ST		ELEVATION
	STATION	OFFSET	
15	159+96.77	52.21' LT	616.43 *
16	160+02.77	52.31' LT	616.45 *
17	159+96.84	47.71' LT	616.47
18	160+02.84	47.81' LT	616.51
19	160+02.88	45.06' LT	616.54
20	160+04.36	37.76' LT	616.64
21	159+98.87	37.67' LT	616.55
22	159+93.96	37.59' LT	616.48
23	160+04.42	37.44' LT	616.64
24	160+04.87	37.44' LT	616.65
25	160+04.95	32.77' LT	616.61
26	159+98.95	32.67' LT	616.54
27	160+12.61	37.44' LT	616.76
28	160+12.61	29.58' LT	616.72
29	160+17.61	37.71' LT	616.84 *
30	160+17.61	29.73' LT	616.69 *

*MATCH EX ELEVATION

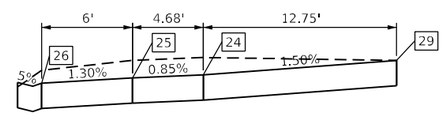
CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 17TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C11	616.43	0"
C12	616.97	6"
C13	617.05	6"
C14	616.98	6"
C15	616.54	0" *
C16	616.89	3" *
C17	616.76	0" *
C18	617.04	6"
C19	617.11	6"
C20	616.72	0"

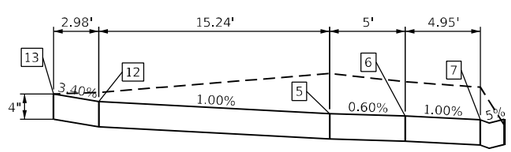
*MATCH EX GROUND ELEVATION



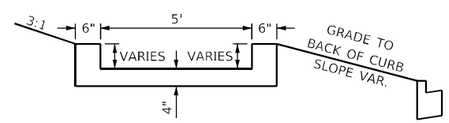
PROFILE A



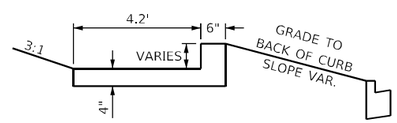
PROFILE D



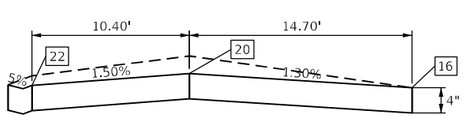
PROFILE B



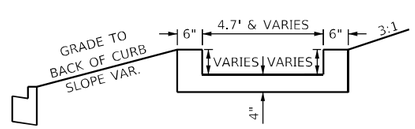
SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



PROFILE C



SECTION C-C
SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

17TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+28.00	17.00' LT	616.86	℄	616.86	17.00' RT	616.73
10+53.00	17.00' LT	616.33	℄	616.65	17.00' RT	616.11

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

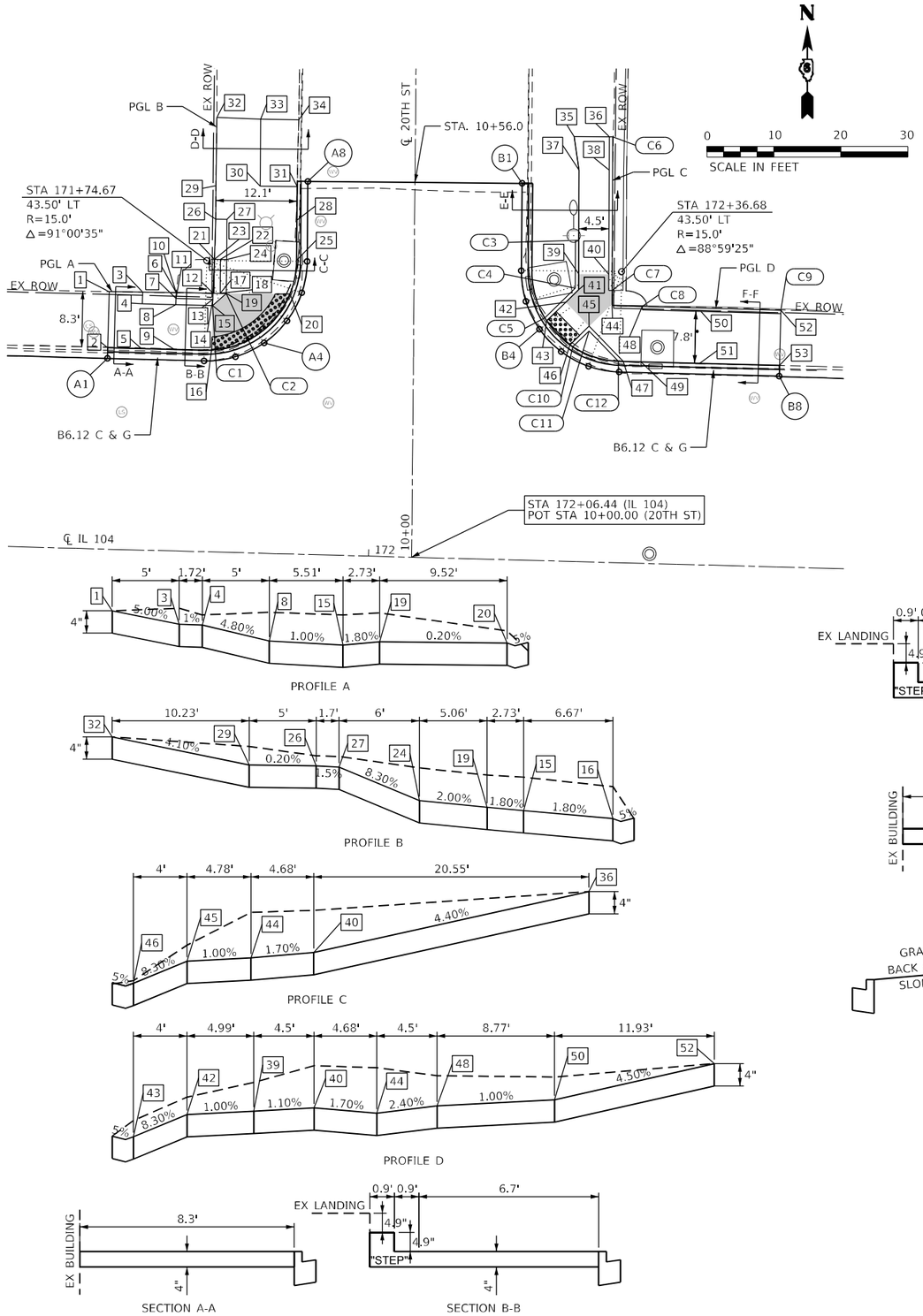
FAP RTE 745 (IL 104)
17TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 6 OF 26 SHEETS | STA. 159+08.00 TO STA. 160+33.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	79

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



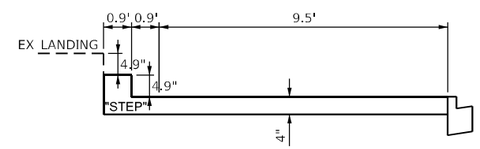
20TH STREET
N.W. & N.E. QUADRANTS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 20TH ST.

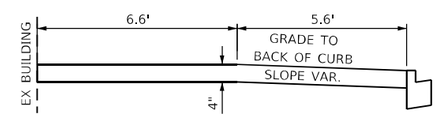
POINT	IL 104		20TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	171+60.24	28.50' LT	10+29.29	45.70' LT	625.54
A2	171+74.67	28.50' LT	10+29.05	31.26' LT	625.67
A3	171+79.36	29.25' LT	10+29.72	26.57' LT	625.73
A4	171+83.57	31.43' LT	10+31.82	22.31' LT	625.77
A5	171+86.90	34.81' LT	10+35.15	18.93' LT	625.81
A6	171+89.00	39.07' LT	10+39.37	16.75' LT	625.83
A7	171+89.67	43.76' LT	10+44.05	16.00' LT	625.85
A8	171+89.46	55.71' LT	10+56.00	16.00' LT	625.87

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 20TH ST.

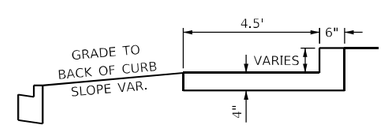
POINT	IL 104		20TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	172+21.45	56.27' LT	10+56.00	16.00' RT	625.94
B2	172+21.68	43.24' LT	10+42.96	16.00' RT	625.91
B3	172+22.48	38.66' LT	10+38.38	16.72' RT	625.88
B4	172+24.64	34.56' LT	10+34.23	18.80' RT	625.84
B5	172+27.95	31.30' LT	10+30.92	22.06' RT	625.82
B6	172+32.10	29.22' LT	10+28.76	26.16' RT	625.80
B7	172+36.68	28.50' LT	10+27.96	30.74' RT	625.78
B8	172+60.60	28.50' LT	10+27.54	54.65' RT	625.97



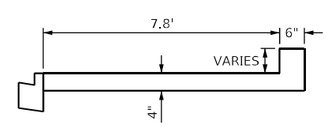
SECTION C-C
"STEP" INCLUDED IN PAY ITEM FOR SIDEWALK



SECTION D-D



SECTION E-E
* SEE TABLES FOR CURB ELEVATIONS



SECTION F-F
* SEE TABLES FOR CURB ELEVATIONS

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 STANDARDS 424006 & 424021 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING

SIDEWALK ELEVATIONS
20TH ST - N.W. QUADRANT

POINT	IL 104-20TH ST		ELEVATION
	STATION	OFFSET	
1	171+60.24	38.48' LT	626.35 *
2	171+60.24	30.08' LT	625.88 *
3	171+65.24	38.51' LT	626.10
4	171+65.24	36.79' LT	626.09
5	171+65.24	30.08' LT	626.02
6	171+70.24	38.56' LT	625.87
7	171+70.24	37.71' LT	625.86
8	171+70.24	36.79' LT	625.85
9	171+70.24	30.08' LT	625.78
10	171+70.24	38.56' LT	626.22
11	171+70.24	37.71' LT	626.21
12	171+75.75	38.63' LT	626.28
13	171+75.75	37.71' LT	626.27
14	171+75.75	37.71' LT	625.80
15	171+75.75	36.79' LT	625.79
16	171+75.75	30.13' LT	625.67
17	171+76.82	38.65' LT	626.27
18	171+76.82	38.65' LT	625.85
19	171+77.74	38.66' LT	625.84
20	171+87.25	38.83' LT	625.82
21	171+75.81	43.69' LT	626.38
22	171+76.73	43.71' LT	626.37
23	171+75.81	43.69' LT	625.96
24	171+77.65	43.72' LT	625.94
25	171+88.08	43.91' LT	625.84
26	171+75.84	49.69' LT	626.46
27	171+77.54	49.72' LT	626.44
28	171+87.98	49.91' LT	626.28
29	171+75.77	54.69' LT	626.47
30	171+82.36	54.81' LT	626.37
31	171+87.89	54.90' LT	626.29
32	171+75.61	64.92' LT	626.89 *
33	171+82.18	64.81' LT	626.76 *
34	171+87.86	64.89' LT	626.46 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 20TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	626.85	13"
C2	626.85	12"

SIDEWALK ELEVATIONS
20TH ST - N.E. QUADRANT

POINT	IL 104-20TH ST		ELEVATION
	STATION	OFFSET	
35	172+29.04	63.45' LT	627.10 *
36	172+34.28	63.57' LT	627.17 *
37	172+29.90	58.47' LT	626.88
38	172+34.40	58.57' LT	626.94
39	172+30.27	42.93' LT	626.21
40	172+34.77	43.03' LT	626.26
41	172+30.33	40.60' LT	626.19
42	172+28.46	38.70' LT	626.16
43	172+25.66	35.85' LT	625.83
44	172+35.38	38.36' LT	626.18
45	172+32.03	35.20' LT	626.13
46	172+29.23	32.35' LT	625.80
47	172+37.24	30.08' LT	626.20
48	172+39.89	38.36' LT	626.29
49	172+39.89	30.08' LT	626.23
50	172+48.66	37.86' LT	626.38
51	172+48.66	30.08' LT	626.32
52	172+60.60	38.36' LT	626.92 *
53	172+60.60	30.10' LT	626.38 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 20TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C3	626.45	0"
C4	626.69	6"
C5	626.33	6"
C6	627.17	0" *
C7	626.72	6" *
C8	626.79	6" *
C9	626.92	0" *
C10	626.30	6"
C11	626.63	6"
C12	626.22	0"

*MATCH EX GROUND ELEVATION

20TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+28.50	16.00' LT	625.83	℄	625.95	16.00' RT	625.88
10+56.00	16.00' LT	625.87	℄	626.21	16.00' RT	625.94

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
20TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 7 OF 26 SHEETS | STA. 171+46.00 TO STA. 172+71.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	80

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

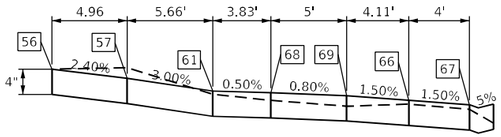
20TH STREET
S.W. & S.E. QUADRANTS

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

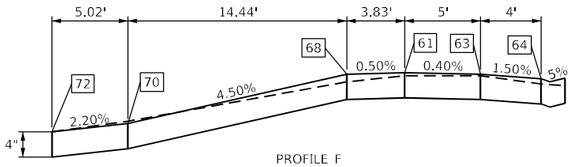
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARDS 424006 & 424021 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING



PROFILE E



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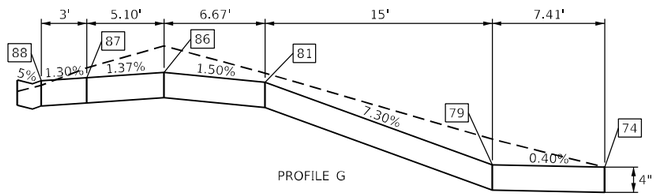

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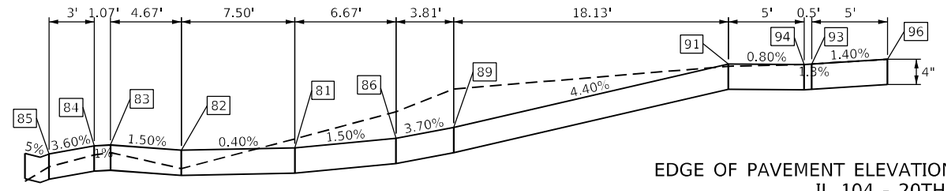

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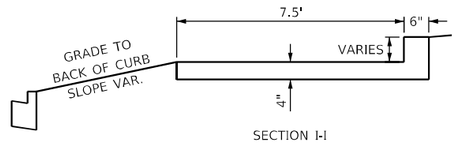
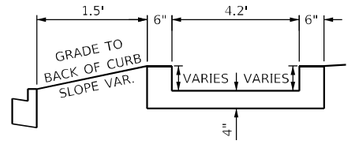
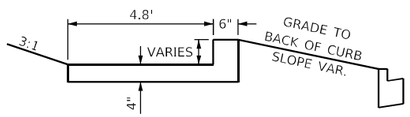


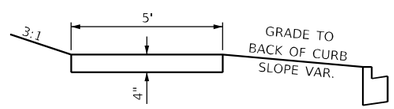
SECTION I-I
* SEE TABLES FOR CURB ELEVATIONS



SECTION J-J
* SEE TABLES FOR CURB ELEVATIONS



SECTION G-G
* SEE TABLES FOR CURB ELEVATIONS



SECTION H-H

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 20TH ST.

POINT	IL 104		20TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	171+66.00	27.50' RT	9+73.22	40.93' LT	625.10
D2	171+71.28	27.50' RT	9+73.12	35.65' LT	625.13
D3	171+77.39	28.46' RT	9+72.06	29.55' LT	625.17
D4	171+82.92	31.24' RT	9+69.18	24.07' LT	625.09
D5	171+87.33	35.57' RT	9+64.77	19.74' LT	624.96
D6	171+90.21	41.05' RT	9+59.24	16.96' LT	624.72
D7	171+91.27	47.15' RT	9+53.13	16.00' LT	624.30
D8	171+91.45	57.27' RT	9+43.00	16.00' LT	623.59
D9	171+91.53	61.89' RT	9+39.38	16.00' LT	623.43
D10	171+91.63	67.27' RT	9+33.00	16.00' LT	623.26

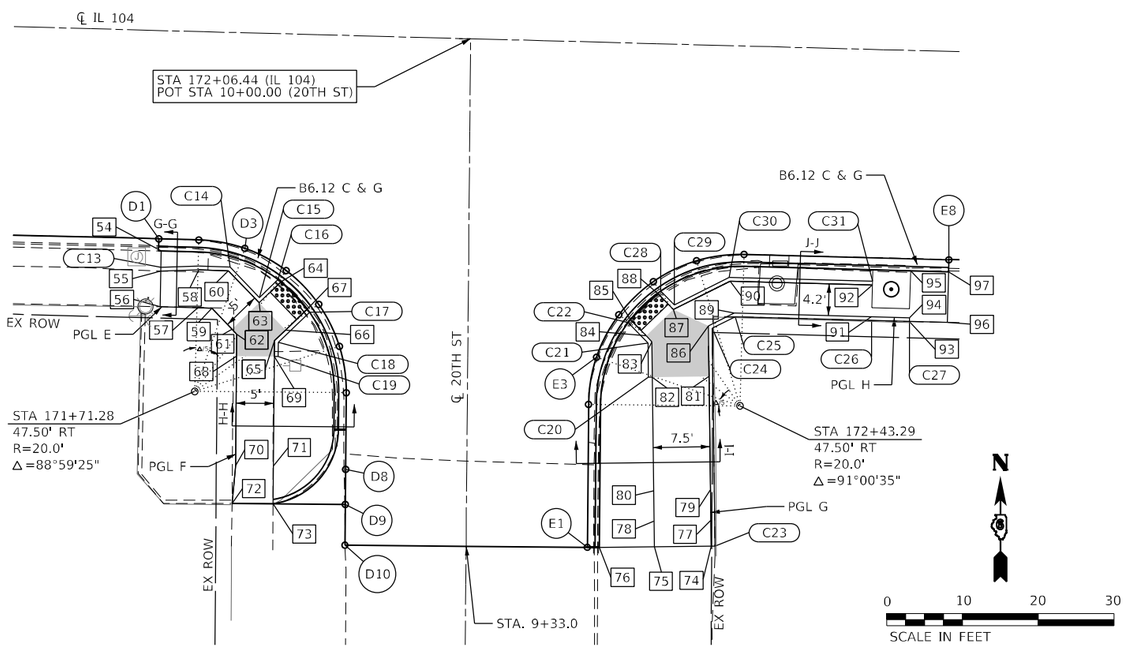
EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 20TH ST.

POINT	IL 104		20TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	172+23.62	66.71' RT	9+33.00	16.00' RT	623.23
E2	172+23.29	47.85' RT	9+51.86	16.00' RT	624.36
E3	172+24.18	41.59' RT	9+58.11	17.00' RT	624.72
E4	172+26.98	35.92' RT	9+63.73	19.90' RT	625.05
E5	172+31.42	31.40' RT	9+68.16	24.42' RT	625.18
E6	172+37.04	28.50' RT	9+70.96	30.09' RT	625.36
E7	172+43.29	27.50' RT	9+71.85	36.35' RT	625.56
E8	172+70.34	27.50' RT	9+71.38	63.4' RT	625.78

SIDEWALK ELEVATIONS
20TH ST - S.E. QUADRANT

POINT	IL 104-20TH ST		ELEVATION
	STATION	OFFSET	
74	172+39.95	66.12' RT	624.02 *
75	172+32.46	66.40' RT	623.85 *
76	172+25.20	66.68' RT	623.53 *
77	172+39.82	62.71' RT	624.03
78	172+32.33	63.00' RT	623.90
79	172+39.67	58.71' RT	624.05
80	172+32.17	59.00' RT	623.96
81	172+39.09	43.72' RT	625.14
82	172+31.60	44.01' RT	625.11
83	172+31.42	39.35' RT	625.18
84	172+30.66	38.60' RT	625.17
85	172+28.52	36.50' RT	625.06
86	172+38.84	37.07' RT	625.27
87	172+34.16	35.03' RT	625.20
88	172+32.02	32.93' RT	625.16
89	172+42.20	35.27' RT	625.41
90	172+41.55	31.08' RT	625.36
91	172+60.34	35.27' RT	626.25
92	172+60.34	31.08' RT	626.15
93	172+65.34	35.77' RT	626.25
94	172+65.34	35.27' RT	626.24
95	172+65.34	29.09' RT	626.16
96	172+70.34	35.77' RT	626.31
97	172+70.34	29.09' RT	626.20

*MATCH EX ELEVATION



SIDEWALK ELEVATIONS
20TH ST - S.W. QUADRANT

POINT	IL 104-20TH ST		ELEVATION
	STATION	OFFSET	
54	171+66.36	29.08' RT	625.52 *
55	171+66.35	31.72' RT	625.45 *
56	171+66.41	36.47' RT	625.44 *
57	171+71.37	36.47' RT	625.32
58	171+71.37	31.47' RT	625.30
59	171+73.24	36.47' RT	625.27
60	171+75.28	31.47' RT	625.23
61	171+75.97	39.15' RT	625.15
62	171+76.62	39.79' RT	625.14
63	171+79.48	35.59' RT	625.13
64	171+82.28	32.73' RT	625.07
65	171+81.63	40.52' RT	625.06
66	171+83.04	39.09' RT	625.03
67	171+85.85	36.24' RT	624.97
68	171+76.67	42.71' RT	625.13
69	171+81.67	42.62' RT	625.09
70	171+76.93	57.15' RT	624.48
71	171+81.93	57.06' RT	624.44
72	171+76.58	62.16' RT	624.37 *
73	171+82.01	62.06' RT	624.22 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 20TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C13	625.45	0"
C14	625.73	6"
C15	625.63	6"
C16	625.57	6"
C17	625.47	6"
C18	625.56	6"
C19	625.09	0"

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 20TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C20	625.11	0"
C21	625.68	6"
C22	625.56	6"
C23	624.02	0" *
C24	625.69	5" *
C25	625.91	6" *
C26	626.24	1" *
C27	626.25	0" *
C28	625.66	6"
C29	625.70	6"
C30	625.86	6"
C31	626.15	0"

*MATCH EX GROUND ELEVATION

20TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+33.00	16.00' LT	623.26	℄	623.60	16.00' RT	623.24
9+43.00	16.00' LT	623.59	℄	624.10	16.00' RT	623.83
9+72.50	16.00' LT	625.12	℄	625.15	16.00' RT	625.15

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
20TH ST
GEOMETRIC DETAILS

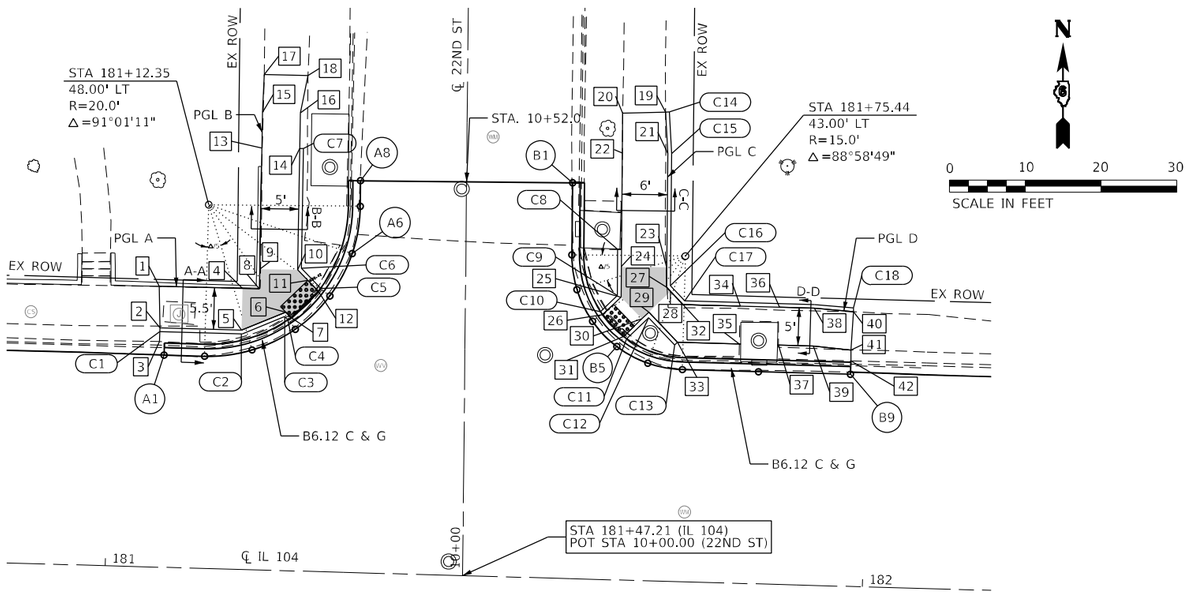
SCALE: 1"=10' | SHEET 8 OF 26 SHEETS | STA. 171+46.00 TO STA. 172+71.00

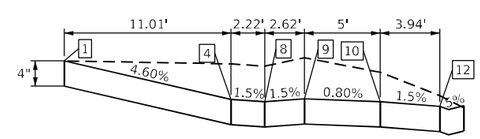
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	81

CONTRACT NO. 72K42

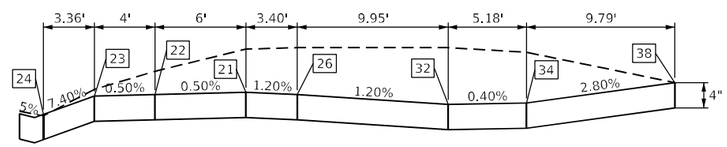
ILLINOIS | FED. AID PROJECT

22ND STREET
N.W. & N.E. QUADRANTS





PROFILE A



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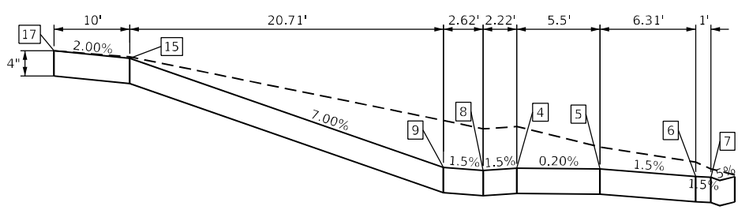

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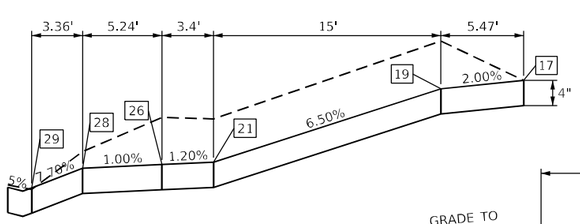

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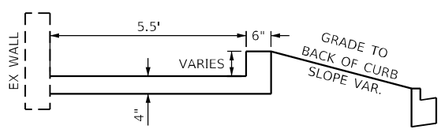
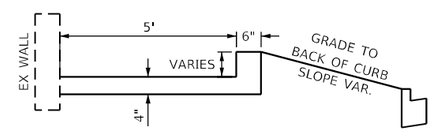
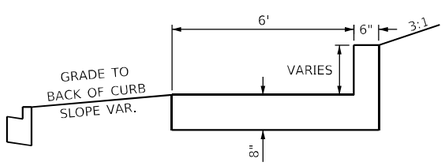


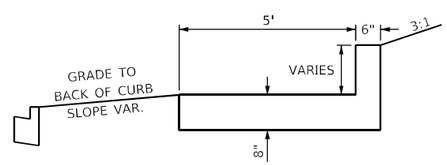
SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 22ND ST.

POINT	IL 104		22ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	181+07.00	28.00' LT	10+28.71	39.71' LT	630.18
A2	181+12.35	28.00' LT	10+28.62	34.56' LT	630.24
A3	181+18.59	29.00' LT	10+29.51	28.09' LT	630.31
A4	181+24.22	31.90' LT	10+32.31	22.42' LT	630.37
A5	181+28.65	36.42' LT	10+36.74	17.90' LT	630.40
A6	181+31.45	42.09' LT	10+42.36	15.00' LT	630.46
A7	181+32.34	48.36' LT	10+48.61	14.00' LT	630.56
A8	181+32.28	51.74' LT	10+52.00	14.00' LT	630.62

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 22ND ST.

POINT	IL 104		22ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	181+60.28	52.24' LT	10+52.00	14.00' RT	630.96
B2	181+60.45	42.73' LT	10+42.49	14.00' RT	630.76
B3	181+61.25	38.16' LT	10+37.91	14.72' RT	630.66
B4	181+63.40	34.05' LT	10+33.76	16.80' RT	630.61
B5	181+66.71	30.80' LT	10+30.45	20.05' RT	630.57
B6	181+70.86	28.72' LT	10+28.29	24.16' RT	630.40
B7	181+75.44	28.00' LT	10+27.49	28.73' RT	630.33
B8	181+85.51	28.00' LT	10+27.31	38.79' RT	630.30
B9	181+97.65	28.00' LT	10+27.10	50.94' RT	630.34

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 22ND ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	630.72	0"
C2	630.97	6"
C3	630.87	6"
C4	630.86	6"
C5	630.89	6"
C6	630.95	6"
C7	631.55	0"

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 22ND ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C8	631.32	4" *
C9	631.35	6"
C10	631.08	6"
C11	631.05	6"
C12	631.33	6"
C13	630.79	0"
C14	631.98	0" *
C15	632.87	12" *
C16	631.87	12" *
C17	631.83	12" *
C18	631.03	0" *

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
22ND ST - N.W. QUADRANT

POINT	IL 104-22ND ST		ELEVATION
	STATION	OFFSET	
1	181+06.11	37.08' LT	630.99 *
2	181+06.34	31.58' LT	630.72 *
3	181+06.34	29.76' LT	630.66 *
4	181+17.12	37.08' LT	630.48
5	181+17.12	31.58' LT	630.47
6	181+22.90	34.13' LT	630.37
7	181+23.61	33.43' LT	630.36
8	181+19.34	37.08' LT	630.45
9	181+19.31	39.70' LT	630.49
10	181+24.31	39.76' LT	630.45
11	181+25.69	38.40' LT	630.42
12	181+27.11	37.00' LT	630.39
13	181+19.13	55.70' LT	631.61
14	181+24.12	55.75' LT	631.55
15	181+19.07	60.41' LT	631.93
16	181+24.07	60.46' LT	631.88
17	181+19.19	65.41' LT	632.03 *
18	181+24.97	65.42' LT	631.90 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
22ND ST - N.E. QUADRANT

POINT	IL 104-22ND ST		ELEVATION
	STATION	OFFSET	
19	181+72.29	61.90' LT	631.98 *
20	181+66.65	61.62' LT	631.92 *
21	181+72.74	56.44' LT	631.87
22	181+66.74	56.33' LT	631.81
23	181+73.01	41.44' LT	630.90
24	181+67.01	41.34' LT	630.87
25	181+67.08	37.34' LT	630.85
26	181+64.72	34.94' LT	630.60
27	181+73.05	38.81' LT	630.87
28	181+73.60	38.27' LT	630.87
29	181+70.80	35.42' LT	630.83
30	181+69.93	34.53' LT	630.82
31	181+67.57	32.13' LT	630.56
32	181+75.32	36.58' LT	630.83
33	181+74.70	31.58' LT	630.79
34	181+82.86	36.58' LT	630.74
35	181+82.86	31.58' LT	630.73
36	181+88.04	36.58' LT	630.76
37	181+88.04	31.58' LT	630.75
38	181+92.65	36.58' LT	630.89
39	181+92.65	31.58' LT	630.82
40	181+97.82	36.26' LT	631.03 *
41	181+97.65	31.20' LT	630.90 *
42	181+97.65	29.77' LT	630.78 *

*MATCH EX ELEVATION

22ND ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+28.00	14.00' LT	630.47	℄	630.52	14.00' RT	630.57
10+34.00	14.00' LT	630.44	℄	630.61	14.00' RT	630.56
10+52.00	14.00' LT	630.62	℄	631.16	14.00' RT	630.96

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
22ND ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 9 OF 26 SHEETS | STA. 180+87.00 TO STA. 182+17.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	82

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

22ND STREET
S.W. & S.E. QUADRANTS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 22ND ST.

POINT	IL 104		22ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	181+05.88	28.00' RT	9+72.74	41.82' LT	629.98
D2	181+14.05	28.00' RT	9+72.59	33.64' LT	629.99
D3	181+20.17	28.96' RT	9+71.53	27.55' LT	629.98
D4	181+25.69	31.74' RT	9+68.65	22.07' LT	629.96
D5	181+30.11	36.07' RT	9+64.24	17.74' LT	629.93
D6	181+32.99	41.55' RT	9+58.71	14.96' LT	629.78
D7	181+34.05	47.64' RT	9+52.60	14.00' LT	629.55
D8	181+34.42	68.24' RT	9+32.00	14.00' LT	628.81
D9	181+34.70	84.26' RT	9+15.97	14.00' LT	628.33

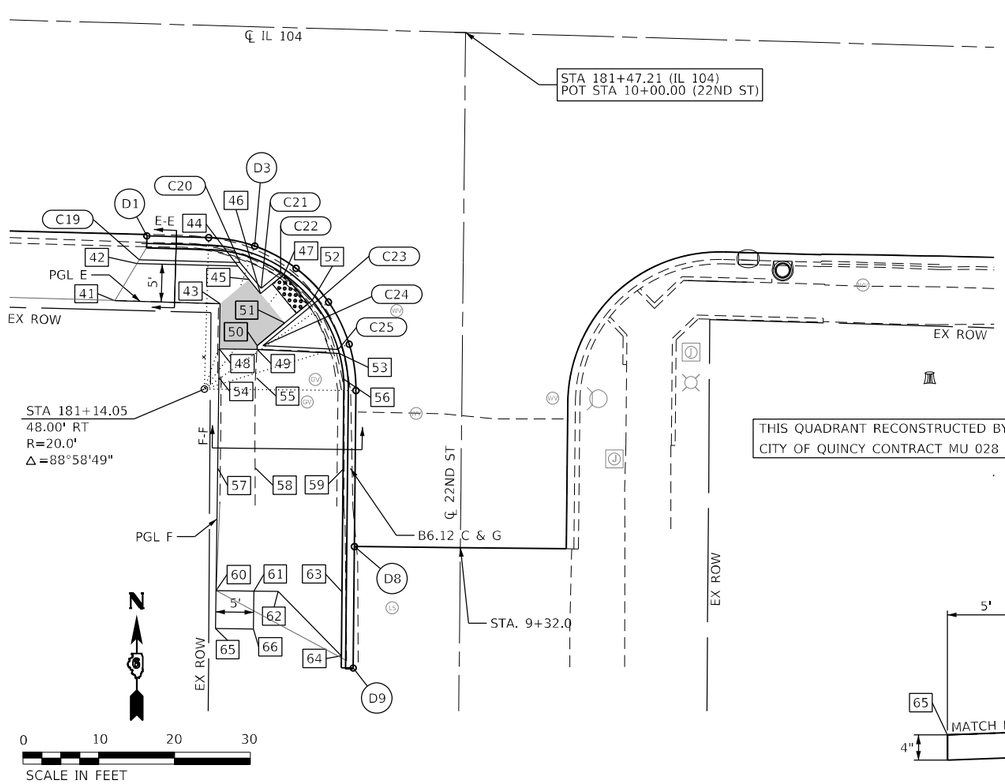
SIDEWALK ELEVATIONS
22ND ST - S.W. QUADRANT

POINT	IL 104-22ND ST		ELEVATION
	STATION	OFFSET	
41	181+01.91	36.65' RT	630.42 *
42	181+04.70	31.67' RT	630.35 *
43	181+15.77	36.67' RT	630.27 *
44	181+18.04	31.67' RT	630.22
45	181+19.54	33.39' RT	630.19
46	181+21.12	35.20' RT	630.17
47	181+24.12	32.58' RT	629.95
48	181+15.86	42.64' RT	630.30 *
49	181+20.84	42.57' RT	630.25
50	181+20.85	42.07' RT	630.24
51	181+24.41	38.97' RT	630.20
52	181+27.93	35.89' RT	629.93
53	181+31.73	42.81' RT	629.82
54	181+15.91	46.42' RT	630.20 *
55	181+20.91	46.35' RT	630.10
56	181+32.38	46.18' RT	629.67
57	181+16.08	58.35' RT	629.95
58	181+21.08	58.27' RT	629.85
59	181+32.65	58.11' RT	629.03
60	181+16.32	74.57' RT	629.63 *
61	181+21.32	74.50' RT	629.53
62	181+24.53	74.44' RT	629.27
63	181+32.94	74.29' RT	628.60
64	181+33.09	82.71' RT	628.75
65	181+16.39	79.57' RT	MATCH EX.
66	181+21.39	79.50' RT	MATCH EX.

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W QUADRANT
IL 104 - 22ND ST.

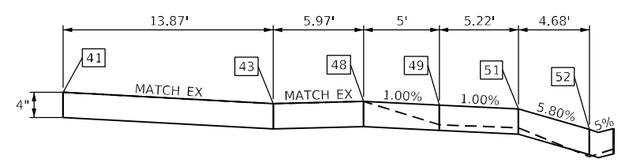
POINT	TOP CURB ELEVATION	CURB HEIGHT
C19	630.35	0"
C20	630.72	6"
C21	630.67	6"
C22	630.45	6"
C23	630.43	6"
C24	630.75	6"
C25	629.82	0"



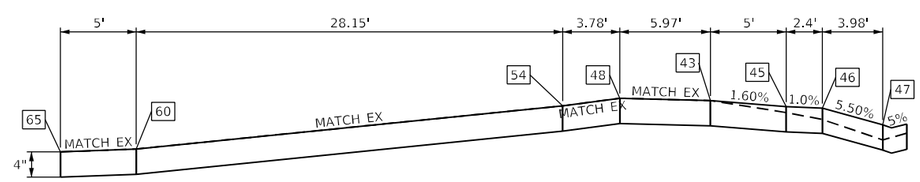
THIS QUADRANT RECONSTRUCTED BY CITY OF QUINCY CONTRACT MU 028

22ND ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+32.00	14.00' LT	628.69	℄	628.82	14.00' RT	628.64
9+72.00	14.00' LT	630.10	℄	630.21	14.00' RT	630.18



PROFILE E



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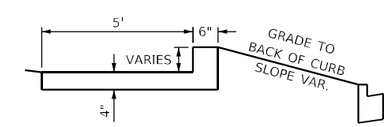
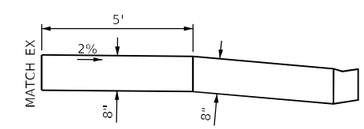


SECTION E-E
* SEE TABLES FOR CURB ELEVATIONS



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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 = cschenk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
22ND ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 10 OF 26 SHEETS | STA. 180+87.00 TO STA. 182+17.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	83

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

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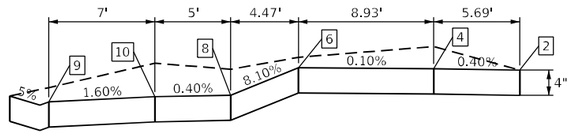
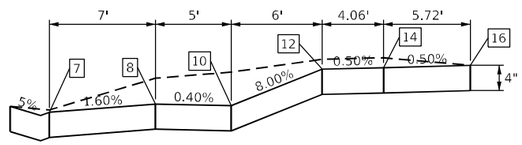
LEGEND

LANDING

24TH STREET
N.E. QUADRANT



PROFILE A



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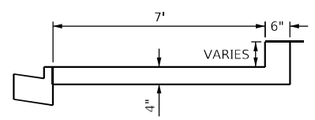
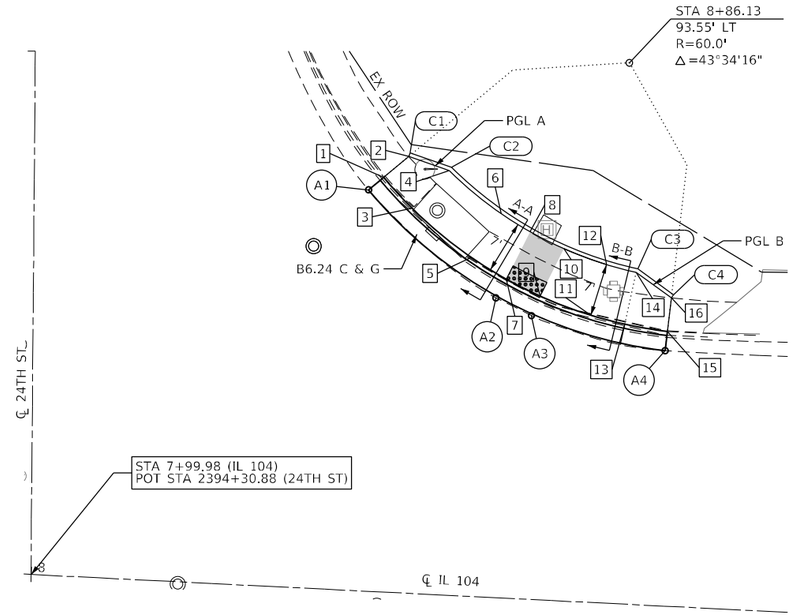


SECTION A-A
SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



N

0 10 20 30
SCALE IN FEET

SIDEWALK ELEVATIONS
24TH ST - N.E. QUADRANT

POINT	IL 104-24TH ST		ELEVATION
	STATION	OFFSET	
1	8+43.86	54.69' LT	634.71 *
2	8+47.03	57.60' LT	634.87 *
3	8+47.81	50.79' LT	634.82
4	8+52.48	56.01' LT	634.89
5	8+55.94	44.71' LT	634.83
6	8+59.62	50.67' LT	634.90
7	8+60.70	42.07' LT	634.43
8	8+63.53	48.49' LT	634.54
9	8+65.28	40.06' LT	634.45
10	8+68.10	46.47' LT	634.52
11	8+72.11	37.87' LT	634.93
12	8+73.82	44.66' LT	635.00
13	8+76.64	36.93' LT	634.97
14	8+77.79	43.83' LT	635.02
15	8+82.29	36.27' LT	634.94 *
16	8+82.59	40.70' LT	635.05 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 24TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	634.87	0" *
C2	635.23	4" *
C3	635.18	2" *
C4	635.05	0" *

*MATCH EX GROUND ELEVATION

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 24TH ST.

POINT	IL 104		24TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+41.96	52.94' LT	2394+82.03	44.15' RT	634.49
A2	8+59.45	39.55' LT	2394+67.92	61.07' RT	634.49
A3	8+64.26	37.44' LT	2394+65.61	65.78' RT	634.51
A4	8+82.12	33.69' LT	2394+61.12	83.47' RT	634.63

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
24TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 11 OF 26 SHEETS | STA. 8+00.00 TO STA. 9+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	84

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

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.

LEGEND

LANDING

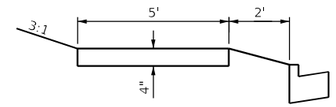
EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 24TH ST.

POINT	IL 104		24TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	7+25.56	44.87' LT	2393+89.15	76.22' LT	633.82
B2	7+46.79	53.17' LT	2393+79.98	55.36' LT	633.61
B3	7+51.00	56.33' LT	2393+76.64	51.29' LT	633.53
B4	7+60.42	66.63' LT	2393+65.97	42.30' LT	633.38
B5	7+67.07	78.98' LT	2393+53.38	36.09' LT	633.21

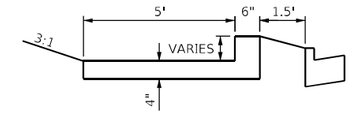
EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 24TH ST.

POINT	IL 104		24TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	8+43.99	107.37' LT	2393+21.78	39.50' RT	633.24
D2	8+43.16	87.40' LT	2393+41.76	39.50' RT	633.44
D3	8+59.00	55.53' LT	2393+72.94	56.65' RT	633.96
D4	8+63.22	52.30' LT	2393+76.00	61.00' RT	634.02
D5	8+84.75	45.11' LT	2393+82.28	82.81' RT	634.40

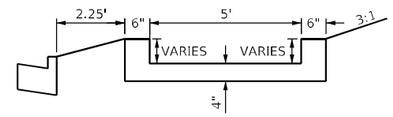
24TH STREET
S.W. & S.E. QUADRANTS



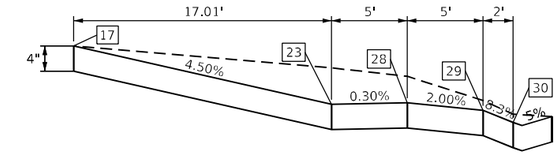
SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS



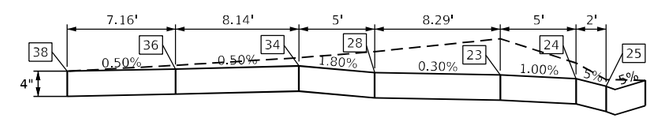
SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



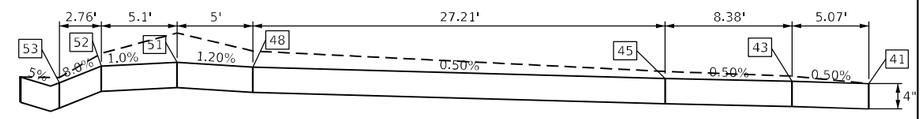
SECTION E-E
SECTION F-F
* SEE TABLES FOR CURB ELEVATIONS



PROFILE C



PROFILE D



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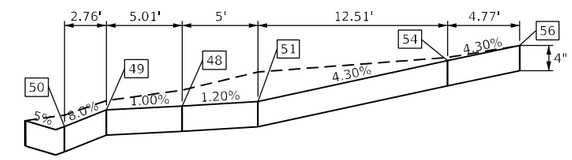

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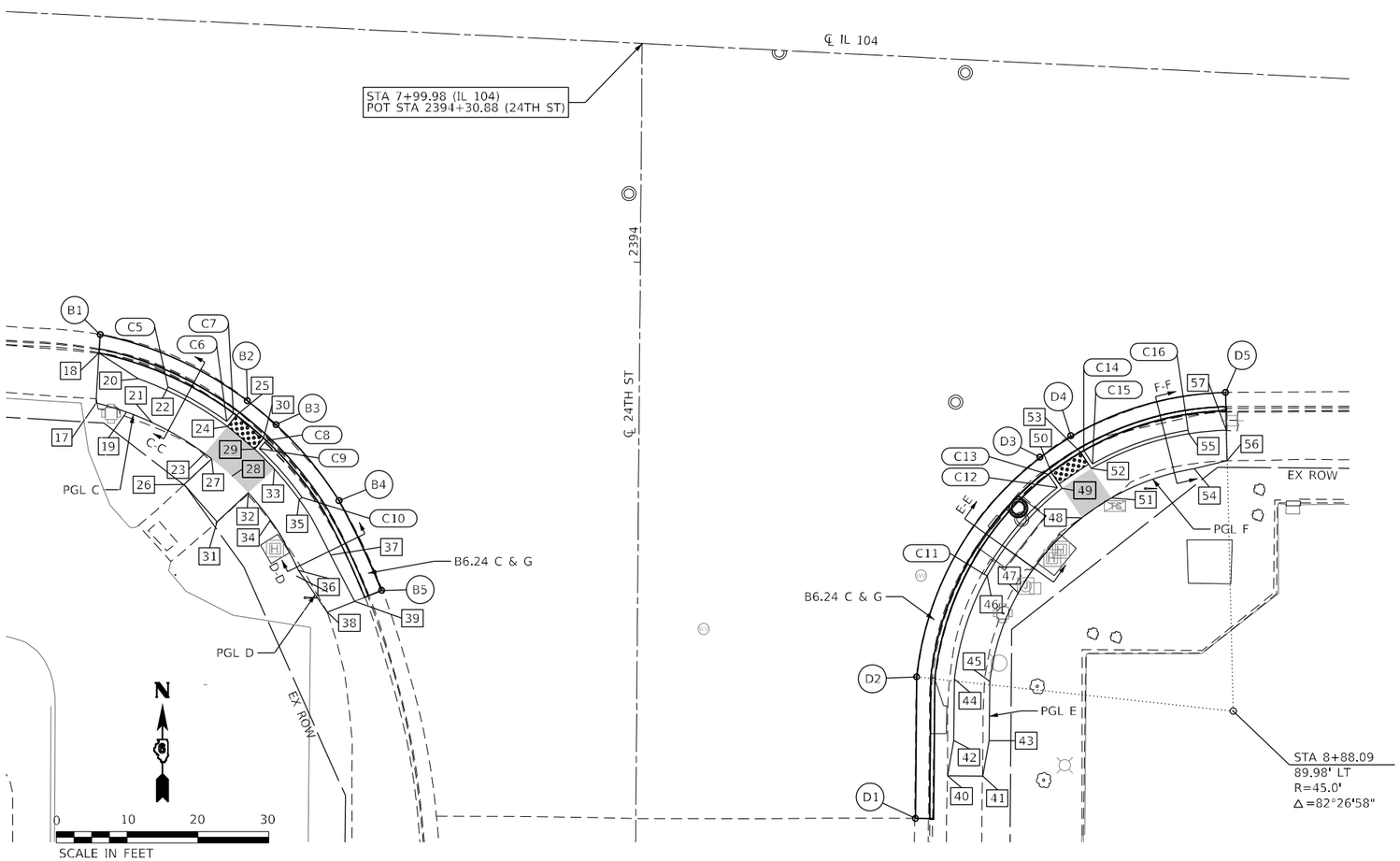

SIDEWALK ELEVATIONS
24TH ST - S.W. QUADRANT

POINT	IL 104-24TH ST		ELEVATION
	STATION	OFFSET	
17	7+25.48	54.58' RT	634.47 *
18	7+25.53	47.48' RT	634.20 *
19	7+29.82	55.63' RT	634.26
20	7+31.25	50.83' RT	634.18
21	7+33.46	56.89' RT	634.09
22	7+35.32	52.25' RT	634.02
23	7+41.14	60.92' RT	633.70
24	7+44.15	56.91' RT	633.65
25	7+45.35	55.31' RT	633.55
26	7+38.46	65.45' RT	634.37
27	7+42.17	61.63' RT	633.70
28	7+45.14	63.92' RT	633.72
29	7+48.14	59.92' RT	633.62
30	7+49.35	58.32' RT	633.46
31	7+43.38	70.46' RT	634.32
32	7+47.56	66.14' RT	633.73
33	7+51.08	62.59' RT	633.68
34	7+50.89	69.86' RT	633.82
35	7+54.81	66.75' RT	633.77
36	7+55.23	76.74' RT	633.78
37	7+59.62	74.35' RT	633.69
38	7+59.55	82.45' RT	633.75 *
39	7+63.33	80.70' RT	633.62 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 24TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C5	634.02	0"
C6	634.15	6"
C7	634.05	6"
C8	633.96	6"
C9	634.12	6"
C10	633.77	0"

SIDEWALK ELEVATIONS
24TH ST - S.E. QUADRANT

POINT	IL 104-24TH ST		ELEVATION
	STATION	OFFSET	
40	8+48.23	101.13' RT	633.86 *
41	8+53.22	100.92' RT	633.95 *
42	8+48.86	96.10' RT	633.89
43	8+53.86	95.89' RT	633.98
44	8+48.50	87.45' RT	633.94
45	8+53.51	87.51' RT	634.02
46	8+52.41	72.64' RT	634.03
47	8+56.91	74.82' RT	634.10
48	8+65.37	63.79' RT	634.17
49	8+62.37	59.78' RT	634.12
50	8+60.72	57.57' RT	633.90
51	8+69.38	60.80' RT	634.23
52	8+66.37	56.78' RT	634.18
53	8+64.72	54.58' RT	633.96
54	8+80.89	56.07' RT	634.77
55	8+79.85	51.18' RT	634.68
56	8+85.46	54.72' RT	634.97 *
57	8+85.14	50.42' RT	634.86 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 24TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C11	634.03	0"
C12	634.62	6"
C13	634.40	6"
C14	634.46	6"
C15	634.68	6"
C16	634.68	0"

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

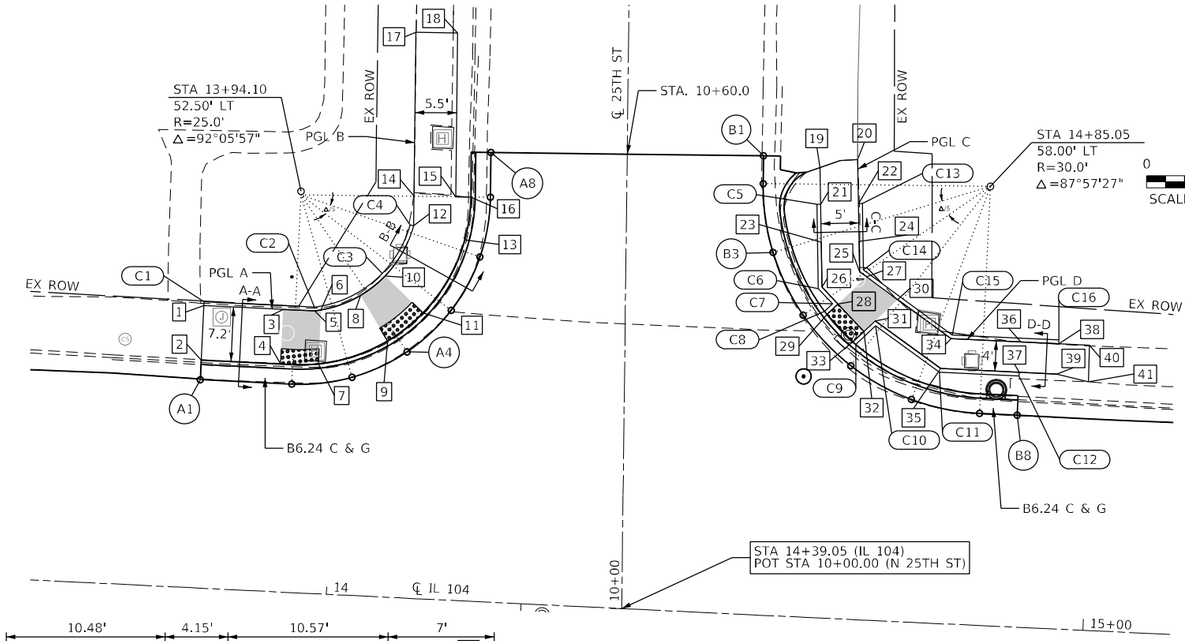
FAP RTE 745 (IL 104)
24TH ST
GEOMETRIC DETAILS

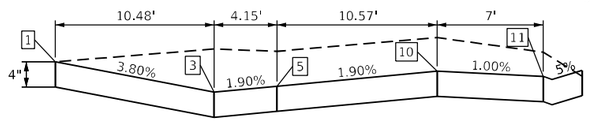
SCALE: 1"=10' | SHEET 12 OF 26 SHEETS | STA. 7+10.00 TO STA. 9+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	85

CONTRACT NO. 72K42

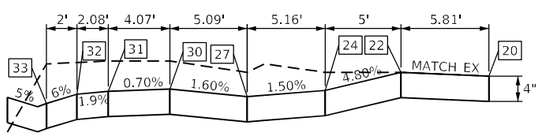
ILLINOIS | FED. AID PROJECT





PROFILE A

PROFILE B



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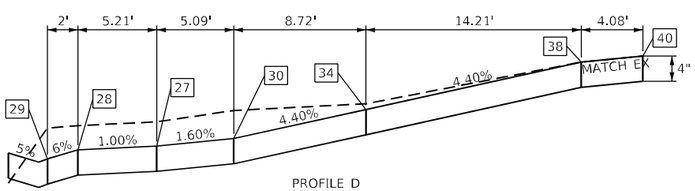

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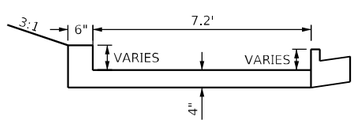
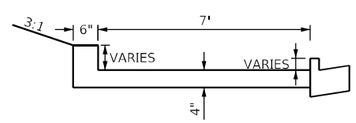
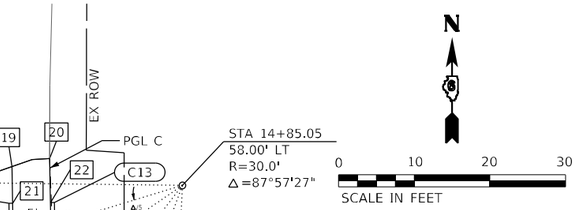


SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



25TH STREET
N.W. & N.E. QUADRANTS

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 STANDARDS 424001 & 424006 FOR ADDITIONAL INFORMATION.

LEGEND

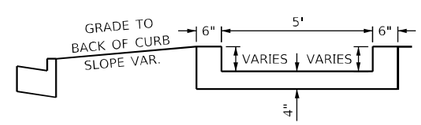
LANDING

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 25TH ST.

POINT	IL 104		25TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	13+82.00	27.50' LT	10+29.55	55.99' LT	640.74
A2	13+94.10	27.50' LT	10+29.11	43.92' LT	640.92
A3	14+02.00	28.78' LT	10+30.10	35.97' LT	641.01
A4	14+09.10	32.49' LT	10+33.55	28.75' LT	641.13
A5	14+14.66	38.25' LT	10+39.10	22.99' LT	641.24
A6	14+18.11	45.47' LT	10+46.19	19.28' LT	641.21
A7	14+19.11	53.41' LT	10+54.09	18.00' LT	641.17
A8	14+18.89	59.31' LT	10+60.00	18.00' LT	641.12

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 25TH ST.

POINT	IL 104		25TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	14+54.91	60.60' LT	10+60.00	18.00' RT	641.22
B2	14+55.04	56.92' LT	10+56.32	18.00' RT	641.29
B3	14+56.77	47.91' LT	10+47.25	19.40' RT	641.42
B4	14+61.14	39.84' LT	10+39.03	23.48' RT	641.54
B5	14+67.74	33.47' LT	10+32.43	29.85' RT	641.70
B6	14+75.96	29.39' LT	10+28.06	37.92' RT	642.05
B7	14+85.03	27.98' LT	10+26.34	46.93' RT	642.17
B8	14+90.00	27.98' LT	10+26.16	51.89' RT	642.25

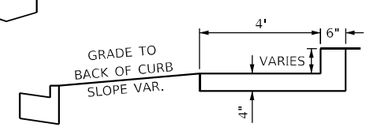


SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS

SIDEWALK ELEVATIONS
25TH ST - N.W. QUADRANT

POINT	IL 104-25TH ST		ELEVATION
	STATION	OFFSET	
1	13+82.00	37.29' LT	641.34 *
2	13+82.01	30.08' LT	641.12 *
3	13+92.49	37.29' LT	640.94
4	13+92.49	30.08' LT	640.84
5	13+96.64	37.29' LT	641.02
6	13+97.49	37.46' LT	641.04
7	13+97.49	30.34' LT	640.90
8	14+02.60	39.63' LT	641.14
9	14+06.46	33.79' LT	641.05
10	14+05.70	42.34' LT	641.22
11	14+10.97	37.72' LT	641.15
12	14+09.16	49.15' LT	641.63
13	14+16.00	47.63' LT	641.56
14	14+09.02	53.04' LT	641.61
15	14+14.52	53.24' LT	641.55
16	14+16.52	53.32' LT	641.53
17	14+08.23	74.68' LT	641.49 *
18	14+13.74	74.87' LT	641.48 *

*MATCH EX ELEVATION



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 25TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	641.34	0" *
C2	641.52	6" *
C3	641.72	6" *
C4	641.63	0" *

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
25TH ST - N.E. QUADRANT

POINT	IL 104-25TH ST		ELEVATION
	STATION	OFFSET	
19	14+62.44	59.41' LT	641.88 ^
20	14+67.38	60.68' LT	641.95 ˇ
21	14+62.75	54.57' LT	641.95
22	14+67.74	54.89' LT	642.00
23	14+63.07	49.58' LT	641.71
24	14+68.06	49.90' LT	641.76
25	14+68.31	45.91' LT	641.70
26	14+63.44	43.66' LT	641.66
27	14+69.28	45.27' LT	641.68
28	14+65.66	41.52' LT	641.63
29	14+64.27	40.08' LT	641.51
30	14+73.53	42.47' LT	641.78
31	14+70.70	39.54' LT	641.75
32	14+69.26	38.05' LT	641.71
33	14+67.87	36.61' LT	641.59
34	14+80.83	37.67' LT	642.16
35	14+79.61	33.67' LT	642.13
36	14+90.03	37.65' LT	642.57
37	14+90.03	33.65' LT	642.53
38	14+95.04	37.64' LT	642.79
39	14+95.03	33.64' LT	642.72
40	14+99.12	37.63' LT	642.87 ^
41	14+99.23	32.82' LT	642.74 ˇ

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 25TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C5	641.95	0"
C6	642.16	6"
C7	642.13	6"
C8	642.01	6"
C9	642.09	6"
C10	642.25	6"
C11	642.63	6"
C12	642.53	0"
C13	642.00	0" *
C14	641.96	3" *
C15	642.25	1" *
C16	642.79	0" *

*MATCH EX GROUND ELEVATION

25TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+28.00	18.00' LT	641.42	℄	641.69	18.00' RT	641.80
10+60.00	18.00' LT	641.12	℄	641.44	18.00' RT	641.22

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
25TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 13 OF 26 SHEETS | STA. 13+63.00 TO STA. 15+12.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	86

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

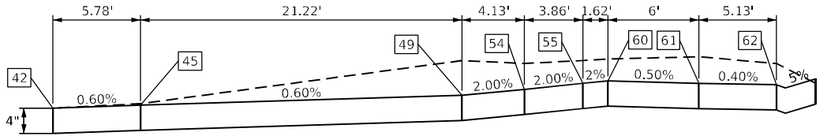
25TH STREET
S.W. & S.E. QUADRANTS

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.

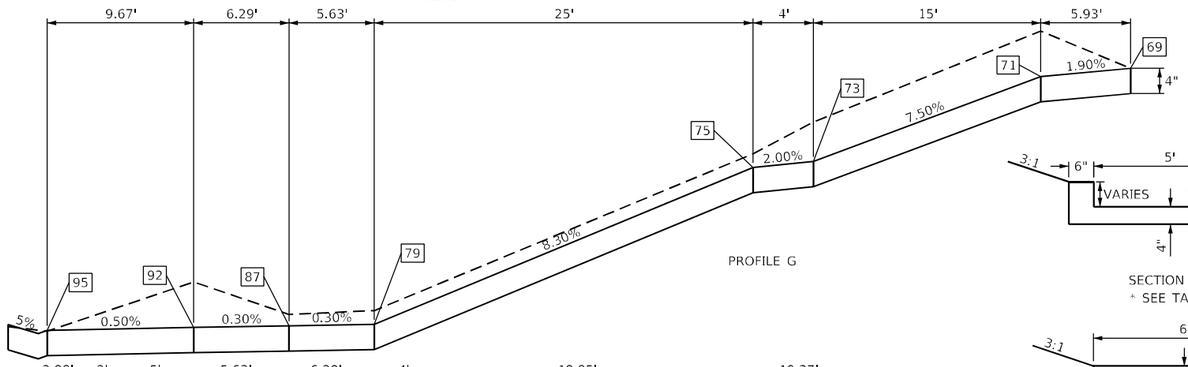
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

LEGEND

LANDING



PROFILE E



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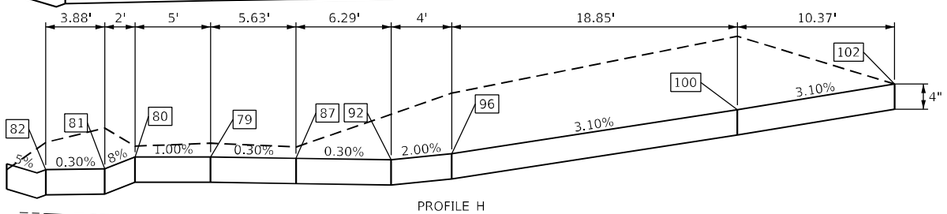

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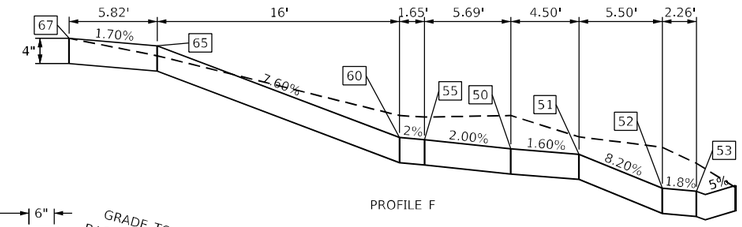

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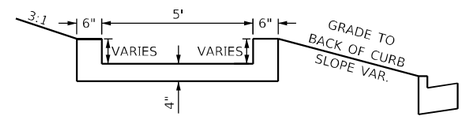
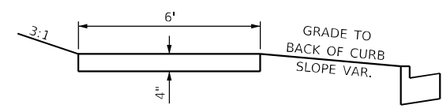
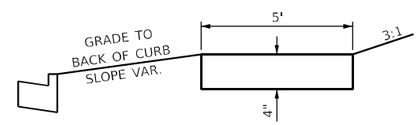


SECTION E-E

* SEE TABLES FOR CURB ELEVATIONS



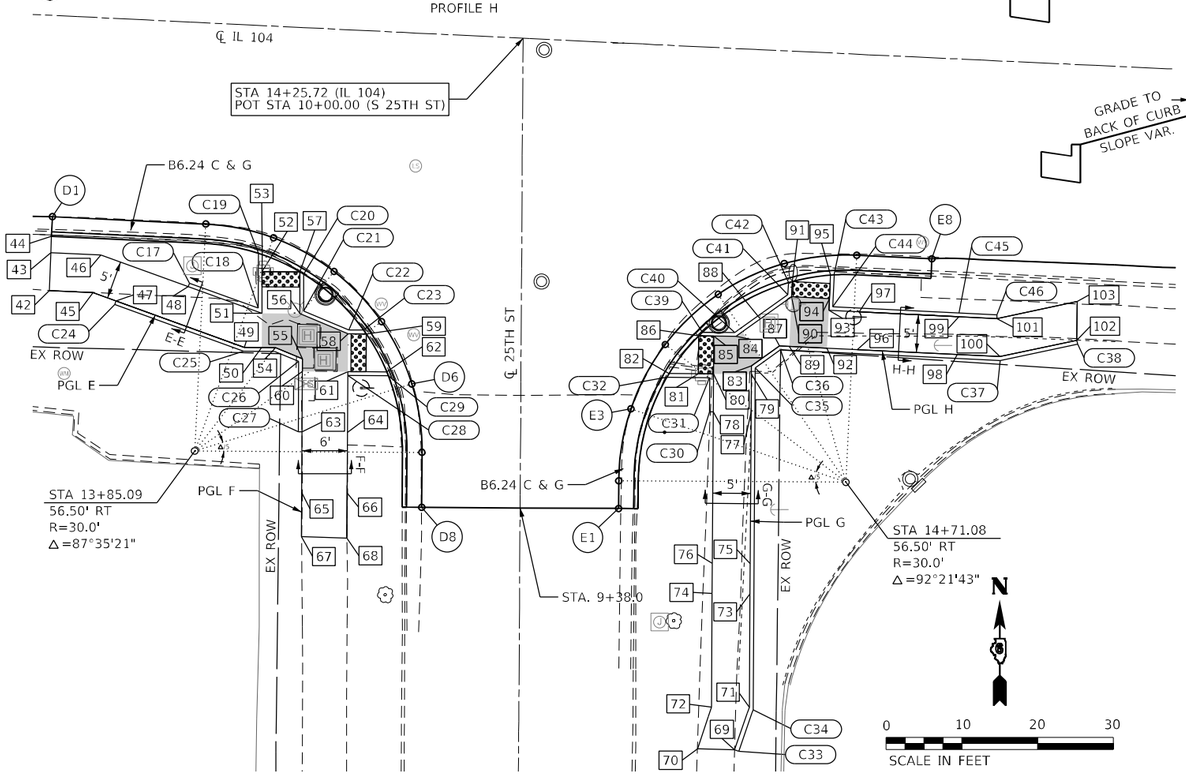
SECTION F-F



SECTION G-G

SECTION H-H

* SEE TABLES FOR CURB ELEVATIONS



SIDEWALK ELEVATIONS 25TH ST - S.W. QUADRANT

POINT	IL 104-25TH ST		ELEVATION
	STATION	OFFSET	
42	13+64.90	36.31' RT	641.17 *
43	13+64.83	31.31' RT	641.02 *
44	13+64.82	29.12' RT	640.94 *
45	13+70.67	36.29' RT	641.21
46	13+71.46	31.29' RT	641.12
47	13+73.75	37.24' RT	641.23
48	13+83.17	34.90' RT	641.22
49	13+90.94	42.54' RT	641.34
50	13+93.24	42.44' RT	641.38
51	13+93.05	37.94' RT	641.31
52	13+92.82	32.45' RT	640.86
53	13+92.72	30.19' RT	640.82
54	13+95.06	42.36' RT	641.42
55	13+98.69	43.67' RT	641.50
56	13+98.04	37.73' RT	641.38
57	13+97.81	32.24' RT	640.93
58	14+04.54	40.07' RT	641.48
59	14+06.93	39.97' RT	641.38
60	13+98.76	45.32' RT	641.53
61	14+04.75	45.07' RT	641.50
62	14+09.88	44.85' RT	641.48
63	13+99.10	53.32' RT	642.14
64	14+05.09	53.06' RT	642.09
65	13+99.44	61.31' RT	642.74
66	14+05.43	61.06' RT	642.69
67	13+99.69	67.12' RT	642.84 *
68	14+05.68	67.02' RT	642.80 *

*MATCH EX ELEVATION

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT IL 104 - 25TH ST.

POINT	IL 104		25TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	13+64.82	26.50' RT	9+76.06	61.98' LT	640.59
D2	13+85.07	26.50' RT	9+75.22	41.74' LT	640.86
D3	13+94.10	27.90' RT	9+73.45	32.77' LT	640.90
D4	14+02.29	31.95' RT	9+69.07	24.76' LT	641.08
D5	14+08.88	38.27' RT	9+62.47	18.44' LT	641.44
D6	14+13.26	46.29' RT	9+54.28	14.39' LT	641.56
D7	14+15.03	55.25' RT	9+45.25	13.00' LT	641.75
D8	14+15.34	62.49' RT	9+38.00	13.00' LT	641.89

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT IL 104 - 25TH ST.

POINT	IL 104		25TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	14+41.28	61.40' RT	9+38.00	13.00' RT	642.37
E2	14+41.13	57.74' RT	9+41.66	13.00' RT	642.31
E3	14+42.28	48.18' RT	9+51.17	14.55' RT	642.09
E4	14+46.40	39.48' RT	9+59.69	19.02' RT	641.95
E5	14+53.06	32.53' RT	9+66.36	25.97' RT	641.85
E6	14+61.58	28.05' RT	9+70.48	34.68' RT	642.01
E7	14+71.08	26.50' RT	9+71.64	44.24' RT	642.12
E8	14+81.00	26.50' RT	9+71.22	54.15' RT	642.21

SIDEWALK ELEVATIONS 25TH ST - S.E. QUADRANT

POINT	IL 104-25TH ST		ELEVATION
	STATION	OFFSET	
69	14+58.08	92.50' RT	645.48 *
70	14+53.18	92.59' RT	645.42 *
71	14+59.74	86.81' RT	645.37
72	14+54.75	87.02' RT	645.32
73	14+59.13	71.82' RT	644.25
74	14+54.14	72.03' RT	644.20
75	14+58.96	67.83' RT	644.17
76	14+53.97	68.03' RT	644.12
77	14+58.14	47.84' RT	642.52
78	14+53.15	48.05' RT	642.51
79	14+57.93	42.85' RT	642.10
80	14+52.94	43.05' RT	642.10
81	14+50.94	43.14' RT	641.94
82	14+47.07	43.30' RT	641.93
83	14+57.89	41.76' RT	642.10
84	14+55.68	37.94' RT	642.05
85	14+52.73	38.06' RT	642.00
86	14+50.74	38.14' RT	641.84
87	14+61.46	38.96' RT	642.08
88	14+58.76	35.52' RT	642.01
89	14+62.75	38.96' RT	642.08
90	14+62.75	32.39' RT	641.97
91	14+62.76	30.39' RT	641.96
92	14+67.75	38.96' RT	642.06
93	14+67.75	33.96' RT	642.04
94	14+67.75	32.39' RT	642.03
95	14+67.75	29.29' RT	642.02
96	14+71.74	38.97' RT	642.14
97	14+71.75	33.97' RT	642.12
98	14+84.94	38.98' RT	642.55
99	14+84.95	33.98' RT	642.53
100	14+90.58	38.98' RT	642.72
101	14+89.94	33.98' RT	642.68
102	15+00.61	36.36' RT	643.06 *
103	15+00.43	31.24' RT	643.06 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT IL 104 - 25TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C17	641.22	0"
C18	641.81	6"
C19	641.32	6"
C20	641.43	6"
C21	641.89	6"
C22	641.98	6"
C23	641.88	6"
C24	641.23	0" *
C25	641.84	6" *
C26	642.00	6" *
C27	642.14	0" *
C28	641.50	0"
C29	641.98	6"

*MATCH EX GROUND ELEVATION

CURB ELEVATIONS - S.E. QUADRANT IL 104 - 25TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C30	642.51	0"
C31	642.60	6"
C32	642.43	6"
C33	645.48	0" *
C34	646.22	10" *
C35	642.27	2" *
C36	642.25	2" *
C37	643.89	14" *
C38	643.06	0" *
C39	642.34	6"
C40	642.55	6"
C41	642.47	6"
C42	642.46	6"
C43	642.52	6"
C44	642.54	6"
C45	643.03	6"
C46	642.68	0"

*MATCH EX GROUND ELEVATION

25TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
9+38.00	13.00' LT	641.89	℄	642.34	13.00' RT	642.37
9+58.50	13.00' LT	641.55	℄	641.80	13.00' RT	642.06
9+73.50	13.00' LT	641.47	℄	641.58	13.00' RT	641.84

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
25TH ST
GEOMETRIC DETAILS

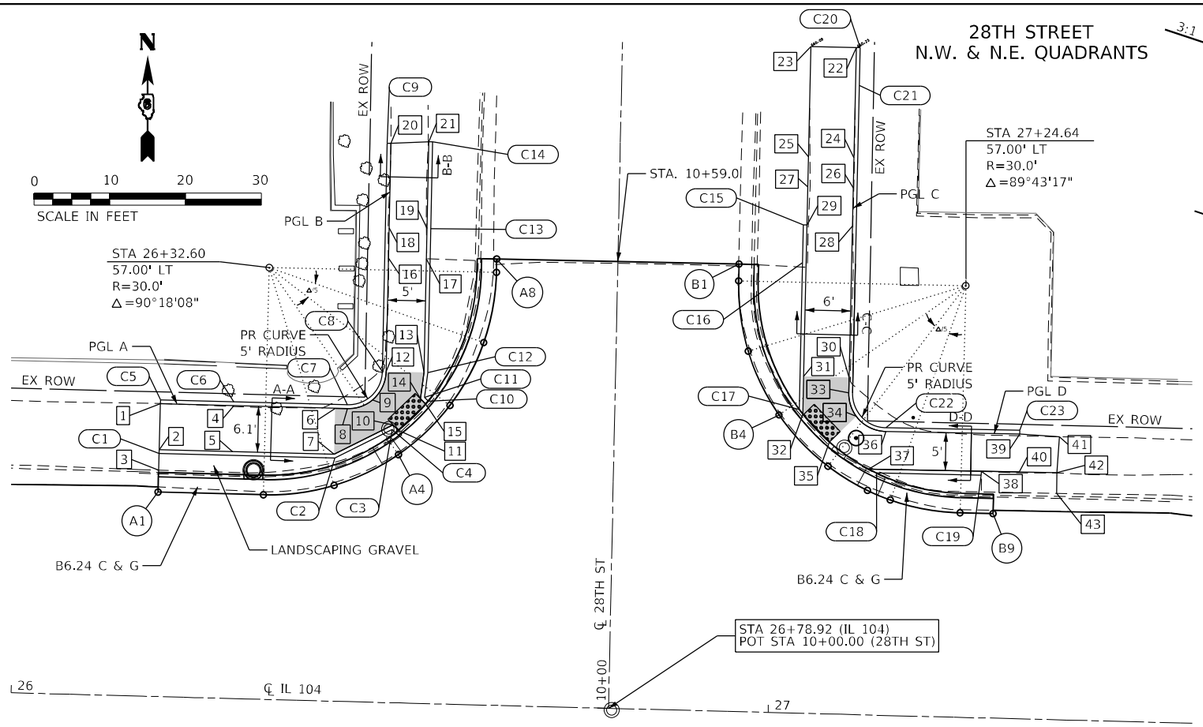
SCALE: 1"=10' | SHEET 14 OF 26 SHEETS | STA. 13+63.00 TO STA. 15+12.00

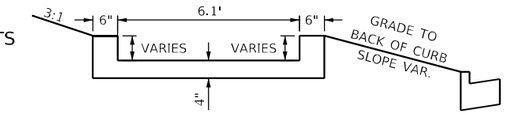
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	87

CONTRACT NO. 72K42

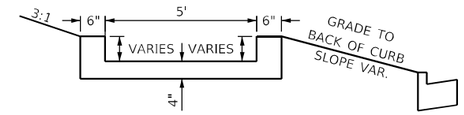
ILLINOIS | FED. AID PROJECT

28TH STREET
N.W. & N.E. QUADRANTS





SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



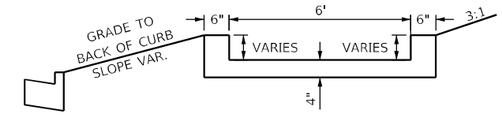
SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS

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

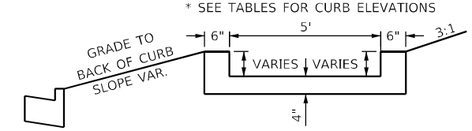
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARDS 424006 & 424011 FOR ADDITIONAL INFORMATION.

LEGEND

LANDING



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS

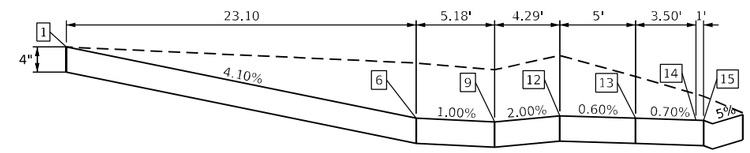


SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

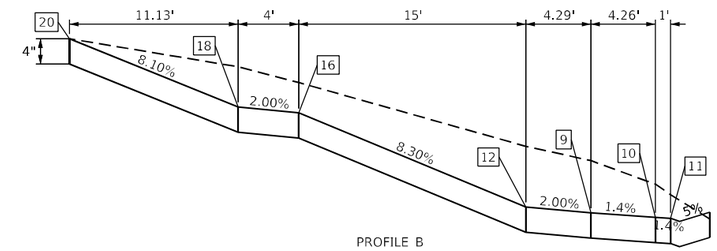
CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 28TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	657.50	0"
C2	657.37	6"
C3	657.29	6"
C4	657.28	6"
C5	657.84	0" *
C6	657.77	4" *
C7	657.67	9" *
C8	657.76	10" *
C9	659.15	0" *
C10	657.37	6"
C11	657.38	6"
C12	657.40	6"
C13	658.72	6"
C14	659.10	0"

*MATCH EX GROUND ELEVATION



PROFILE A



PROFILE B

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 28TH ST.

POINT	IL 104		28TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	26+18.70	27.00' LT	10+27.31	60.06' LT	657.22
A2	26+32.61	27.00' LT	10+27.24	46.16' LT	657.11
A3	26+41.91	28.48' LT	10+28.67	36.85' LT	656.94
A4	26+50.30	32.77' LT	10+32.91	28.44' LT	656.83
A5	26+56.95	39.45' LT	10+39.55	21.77' LT	656.98
A6	26+61.20	47.85' LT	10+47.94	17.48' LT	657.36
A7	26+62.63	57.16' LT	10+57.24	16.00' LT	657.75
A8	26+62.63	58.92' LT	10+57.24	16.00' LT	657.82

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 28TH ST.

POINT	IL 104		28TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	26+94.63	59.08' LT	10+59.00	16.00' RT	657.92
B2	26+94.64	56.85' LT	10+56.78	16.00' RT	657.82
B3	26+96.14	47.62' LT	10+47.53	17.46' RT	657.39
B4	27+00.42	39.30' LT	10+39.19	21.70' RT	656.97
B5	27+07.05	32.70' LT	10+32.56	28.30' RT	656.78
B6	27+12.35	29.63' LT	10+29.47	33.58' RT	656.73
B7	27+15.40	28.46' LT	10+28.28	36.62' RT	656.75
B8	27+24.64	27.00' LT	10+26.78	45.85' RT	656.79
B9	27+29.00	27.00' LT	10+26.76	50.21' RT	656.77

SIDEWALK ELEVATIONS
28TH ST - N.W. QUADRANT

POINT	IL 104-28TH ST		ELEVATION
	STATION	OFFSET	
1	26+18.69	38.65' LT	657.84 *
2	26+18.70	32.58' LT	657.50 *
3	26+18.70	29.89' LT	657.45 *
4	26+28.38	38.65' LT	657.44
5	26+28.38	32.59' LT	657.34
6	26+41.81	38.65' LT	656.90
7	26+41.81	32.59' LT	656.87
8	26+43.40	38.65' LT	656.92
9	26+46.70	39.89' LT	656.85
10	26+49.50	36.68' LT	656.79
11	26+50.21	35.98' LT	656.78
12	26+48.40	43.68' LT	656.93
13	26+53.41	43.71' LT	656.90
14	26+53.03	40.23' LT	656.88
15	26+53.74	39.52' LT	656.87
16	26+48.33	58.68' LT	658.17
17	26+53.33	58.70' LT	658.14
18	26+48.31	62.68' LT	658.25
19	26+53.31	62.70' LT	658.22
20	26+48.25	73.81' LT	659.15 *
21	26+53.17	74.15' LT	659.10 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
28TH ST - N.E. QUADRANT

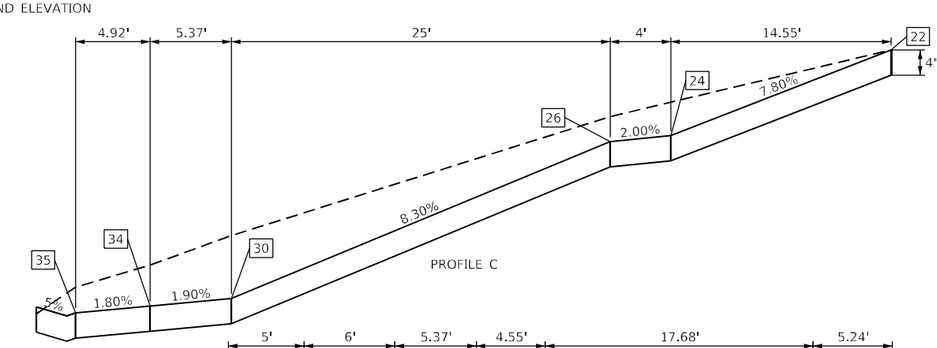
POINT	IL 104-28TH ST		ELEVATION
	STATION	OFFSET	
22	27+09.40	88.04' LT	660.23 *
23	27+03.40	88.02' LT	660.09 *
24	27+09.44	73.49' LT	659.10
25	27+03.44	73.47' LT	659.06
26	27+09.46	69.49' LT	659.02
27	27+03.46	69.47' LT	658.98
28	27+09.47	64.49' LT	658.61
29	27+03.47	64.47' LT	658.57
30	27+09.54	44.49' LT	656.95
31	27+03.54	44.47' LT	656.91
32	27+03.56	39.47' LT	656.86
33	27+09.55	42.45' LT	656.90
34	27+10.62	39.37' LT	656.85
35	27+07.15	35.88' LT	656.76
36	27+14.58	37.46' LT	656.90
37	27+12.44	32.45' LT	656.84
38	27+27.29	32.55' LT	657.16
39	27+32.26	37.59' LT	657.32
40	27+32.29	32.59' LT	657.27
41	27+37.50	37.36' LT	657.47 *
42	27+37.29	32.62' LT	657.27 *
43	27+37.31	29.89' LT	657.15 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 28TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C15	658.57	0"
C16	658.66	6"
C17	657.36	6"
C18	657.09	3"
C19	657.16	0"
C20	660.23	0" *
C21	660.39	8" *
C22	657.40	6" *
C23	657.32	0" *

*MATCH EX GROUND ELEVATION



PROFILE D

28TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.00	16.00' LT	657.03	℄	657.03	16.00' RT	657.05
10+59.00	16.00' LT	657.82	℄	658.24	16.00' RT	657.92

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

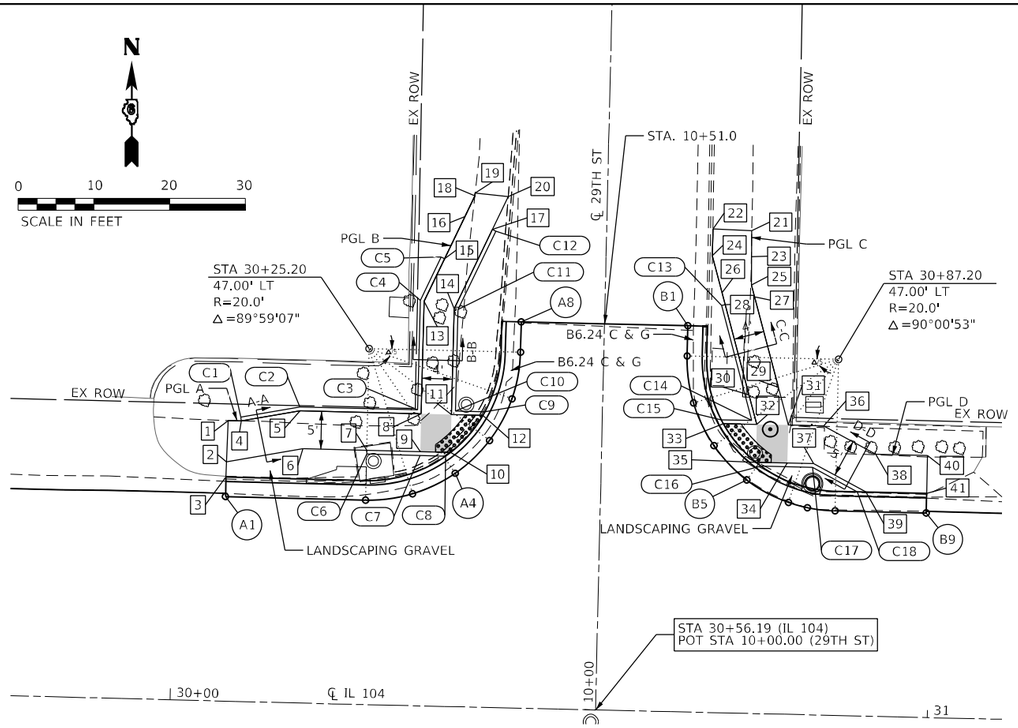
FAP RTE 745 (IL 104)
28TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 15 OF 26 SHEETS | STA. 26+00.00 TO STA. 27+56.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	88

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



29TH STREET
N.W. & N.E. QUADRANTS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 29TH ST.

POINT	IL 104		29TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	30+06.63	27.00' LT	10+27.03	49.50' LT	655.61
A2	30+25.20	27.00' LT	10+26.99	30.99' LT	655.55
A3	30+31.38	27.98' LT	10+27.97	24.82' LT	655.64
A4	30+36.96	30.82' LT	10+30.81	19.24' LT	655.72
A5	30+41.38	35.24' LT	10+35.24	14.82' LT	655.81
A6	30+44.22	40.82' LT	10+40.81	11.98' LT	655.90
A7	30+45.20	46.99' LT	10+46.99	11.00' LT	656.07
A8	30+45.21	51.00' LT	10+51.00	11.00' LT	656.21

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 29TH ST.

POINT	IL 104		29TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	30+67.21	51.00' LT	10+51.00	11.00' RT	656.40
B2	30+67.20	47.01' LT	10+47.01	11.00' RT	656.24
B3	30+68.18	40.82' LT	10+40.83	11.98' RT	656.03
B4	30+71.02	35.25' LT	10+35.25	14.82' RT	655.93
B5	30+75.45	30.82' LT	10+30.83	19.25' RT	655.84
B6	30+81.02	27.98' LT	10+27.99	24.82' RT	655.77
B7	30+83.53	27.34' LT	10+27.35	27.33' RT	655.75
B8	30+87.20	27.00' LT	10+27.01	31.01' RT	655.80
B9	30+99.23	27.00' LT	10+27.01	43.03' RT	655.89

SIDEWALK ELEVATIONS
29TH ST - N.W. QUADRANT

POINT	IL 104-29TH ST		ELEVATION
	STATION	OFFSET	
1	30+06.72	37.05' LT	656.41 *
2	30+06.65	31.58' LT	656.07 *
3	30+06.62	29.58' LT	655.89 *
4	30+08.47	37.05' LT	656.37
5	30+16.18	38.58' LT	656.20
6	30+16.67	33.58' LT	656.13
7	30+25.22	33.57' LT	655.93
8	30+32.27	38.55' LT	655.86
9	30+32.26	33.55' LT	655.76
10	30+36.26	33.54' LT	655.68
11	30+36.27	38.54' LT	655.78
12	30+40.42	38.53' LT	655.78
13	30+32.31	53.42' LT	656.49
14	30+36.31	52.54' LT	656.47
15	30+34.90	59.08' LT	656.78
16	30+37.48	64.75' LT	657.08
17	30+41.12	63.09' LT	657.04
18	30+38.72	67.48' LT	657.16
19	30+38.75	67.85' LT	657.17 *
20	30+43.12	67.48' LT	657.13 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 29TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	656.37	0" *
C2	656.41	3" *
C3	656.19	4" *
C4	656.65	2" *
C5	656.78	0" *
C6	655.93	0"
C7	656.26	6"
C8	656.18	6"
C9	656.28	6"
C10	656.28	6"
C11	656.97	6"
C12	657.04	0"

*MATCH EX GROUND ELEVATION

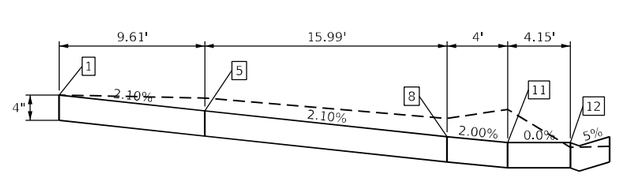
SIDEWALK ELEVATIONS
29TH ST - N.E. QUADRANT

POINT	IL 104-29TH ST		ELEVATION
	STATION	OFFSET	
21	30+75.35	63.72' LT	657.15 *
22	30+70.24	63.85' LT	657.10 *
23	30+75.41	60.31' LT	657.08
24	30+70.25	60.31' LT	657.01
25	30+75.49	56.55' LT	657.01
26	30+71.64	55.45' LT	656.99
27	30+75.93	54.99' LT	656.89
28	30+72.09	53.89' LT	656.87
29	30+79.34	43.13' LT	655.98
30	30+75.50	42.03' LT	655.93
31	30+80.76	38.18' LT	655.93
32	30+76.60	38.18' LT	655.89
33	30+72.18	38.18' LT	655.89
34	30+80.76	33.18' LT	655.87
35	30+76.60	33.18' LT	655.79
36	30+85.44	38.18' LT	655.98
37	30+84.22	33.18' LT	655.94
38	30+92.40	34.58' LT	656.22
39	30+91.19	29.58' LT	656.19
40	30+99.23	34.58' LT	656.53 *
41	30+99.23	29.58' LT	656.20 *

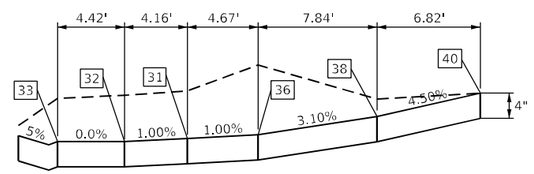
*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 29TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C13	656.87	0"
C14	656.39	6"
C15	656.39	6"
C16	656.29	6"
C17	656.44	6"
C18	656.19	0"



PROFILE A



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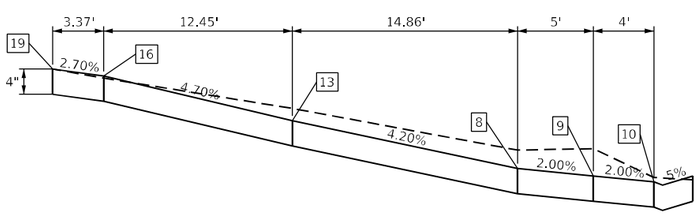
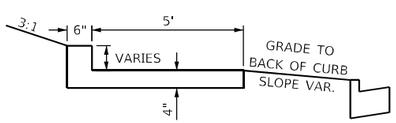
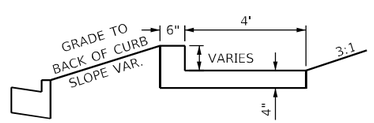


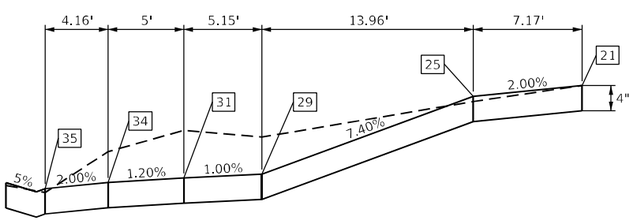
PROFILE B



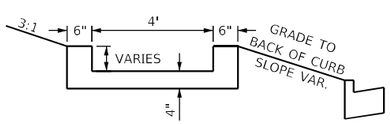
SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



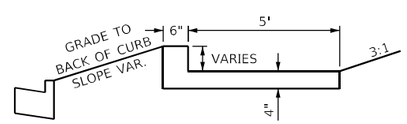
SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



PROFILE C



SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS

29TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.00	11.00' LT	655.82	℄	655.85	11.00' RT	655.91
10+51.00	11.00' LT	656.21	℄	656.45	11.00' RT	656.40

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
29TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 16 OF 26 SHEETS | STA. 29+79.00 TO STA. 31+34.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	89

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

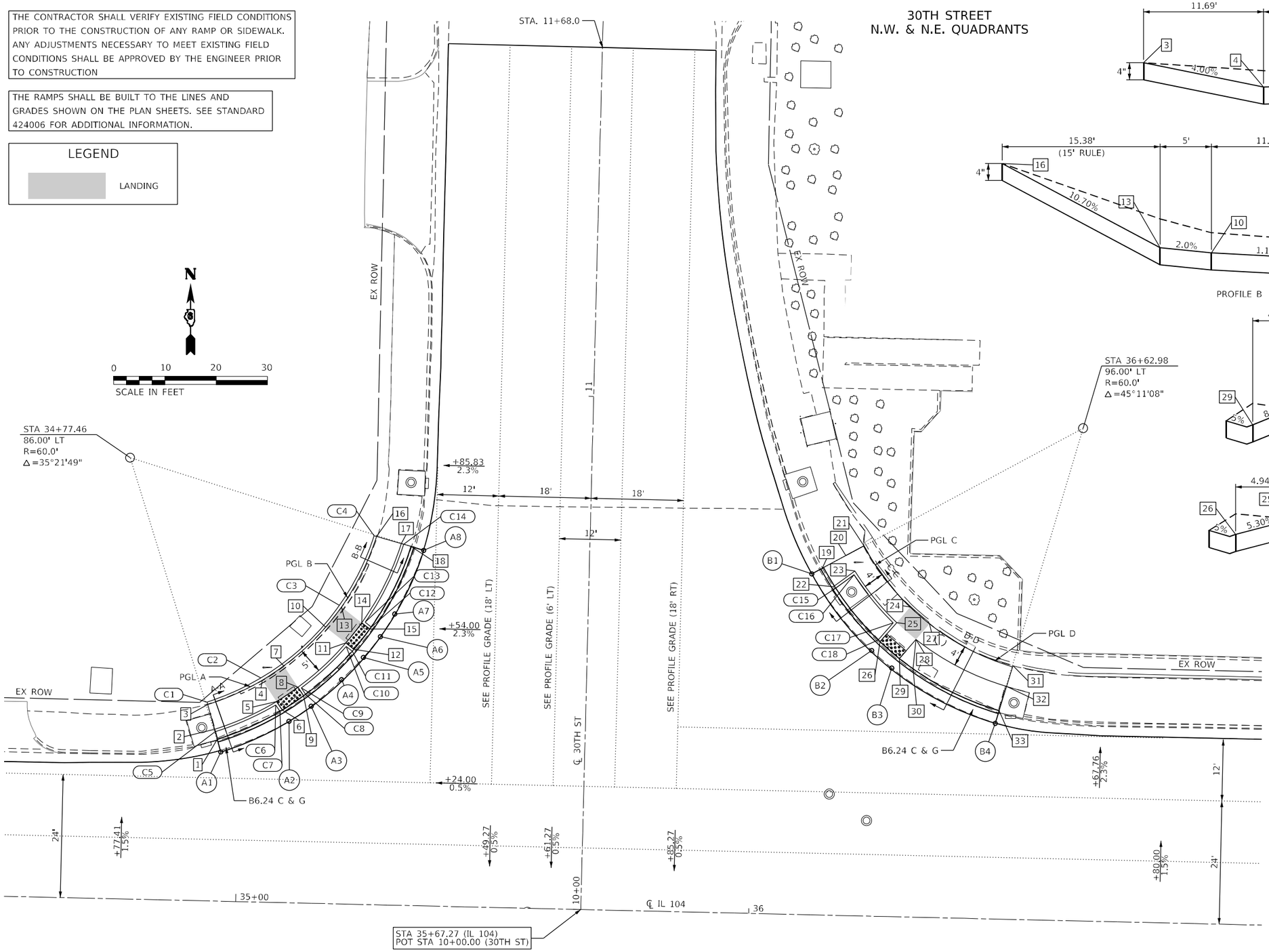
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

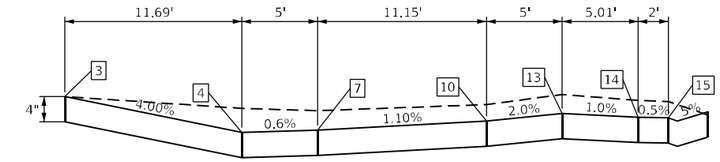
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.

LEGEND

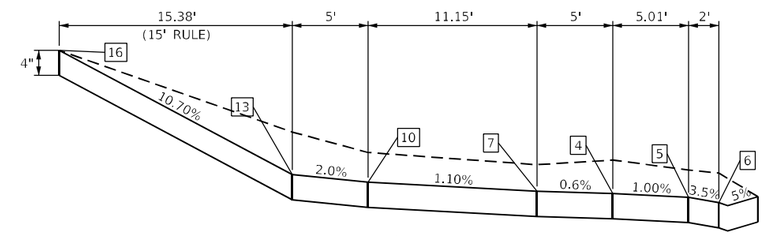
LANDING

30TH STREET
N.W. & N.E. QUADRANTS





PROFILE A



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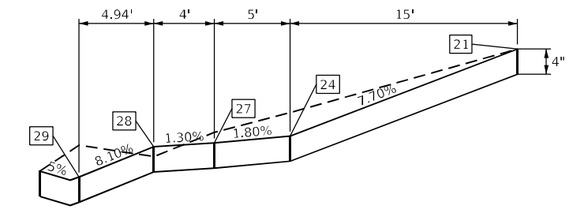

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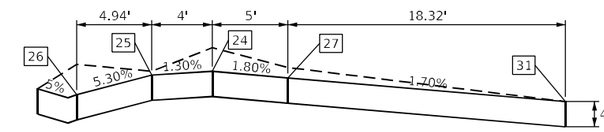

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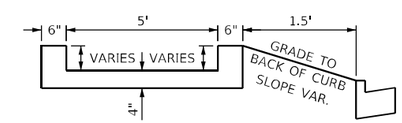
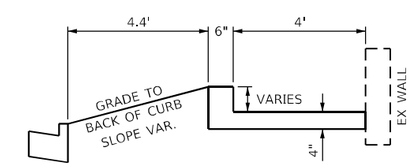
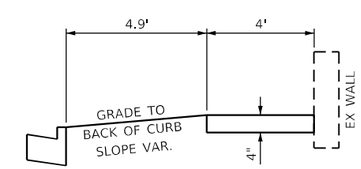


SECTION A-A
SECTION B-B
* SEE TABLES FOR CURB ELEVATIONS



SECTION C-C
* SEE TABLES FOR CURB ELEVATIONS



SECTION D-D

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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) N 30TH ST GEOMETRIC DETAILS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171	90
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' SHEET 17 OF 26 SHEETS STA. 34+55.00 TO STA. 37+00.00		ILLINOIS	FED. AID PROJECT		

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EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 30TH ST.

POINT	IL 104		30TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	34+96.42	29.08' LT	10+28.92	70.91' LT	656.47
A2	35+09.58	35.38' LT	10+35.25	57.77' LT	656.39
A3	35+13.83	38.41' LT	10+38.29	53.52' LT	656.33
A4	35+19.64	43.73' LT	10+43.62	47.73' LT	656.29
A5	35.23.80	48.14' LT	10+48.04	43.58' LT	656.45
A6	35+27.01	52.25' LT	10+52.17	40.38' LT	656.70
A7	35+29.80	56.67' LT	10+56.59	37.60' LT	657.00
A8	35+35.07	69.25' LT	10+69.18	32.35' LT	657.77

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 30TH ST.

POINT	IL 104		30TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	36+10.78	66.40' LT	10+66.50	43.37' RT	657.28
B2	36+22.79	51.76' LT	10+51.88	55.41' RT	656.13
B3	36+26.77	48.41' LT	10+48.54	59.40' RT	655.90
B4	36+47.19	38.12' LT	10+38.29	79.83' RT	655.45

SIDEWALK ELEVATIONS
30TH ST - N.W. QUADRANT

POINT	IL 104-30TH ST		ELEVATION
	STATION	OFFSET	
1	34+95.68	31.55' LT	656.81 *
2	34+95.11	33.47' LT	656.82 *
3	34+93.68	38.26' LT	656.92 *
4	35+04.21	43.27' LT	656.45
5	35+07.07	39.16' LT	656.40
6	35+08.22	37.52' LT	656.33
7	35+08.31	46.13' LT	656.48
8	35+11.17	42.02' LT	656.43
9	35+12.32	40.38' LT	656.27
10	35+16.30	53.87' LT	656.60
11	35+20.32	50.87' LT	656.55
12	35+21.92	49.67' LT	656.39
13	35+19.30	57.87' LT	656.70
14	35+23.31	54.88' LT	656.65
15	35+24.91	53.68' LT	656.64
16	35+25.81	71.73' LT	658.34 *
17	35+30.65	70.48' LT	658.33 *
18	35+32.59	69.97' LT	658.32 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 30TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	656.94	0" *
C2	656.95	6" *
C3	657.20	6" *
C4	658.34	0" *
C5	656.82	0"
C6	656.90	6"
C7	656.83	6"
C8	656.77	6"
C9	656.93	6"
C10	657.05	6"
C11	656.89	6"
C12	657.14	6"
C13	657.15	6"
C14	658.33	0"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
30TH ST - N.E. QUADRANT

POINT	IL 104-30TH ST		ELEVATION
	STATION	OFFSET	
19	36+12.83	67.56' LT	657.62 *
20	36+17.33	70.11' LT	657.63 *
21	36+20.72	72.04' LT	657.53 *
22	36+15.03	64.00' LT	657.27
23	36+19.14	67.15' LT	657.35
24	36+30.09	60.38' LT	656.38
25	36+27.53	57.30' LT	656.33
26	36+24.37	53.50' LT	656.07
27	36+33.94	57.18' LT	656.29
28	36+31.37	54.11' LT	656.24
29	36+28.21	50.30' LT	655.84
30	36+30.90	48.38' LT	656.12
31	36+50.37	49.43' LT	655.98 *
32	36+49.22	45.36' LT	655.90 *
33	36+47.89	40.60' LT	655.78 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 30TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C15	657.21	0"
C16	657.85	6"
C17	656.83	6"
C18	656.57	6"

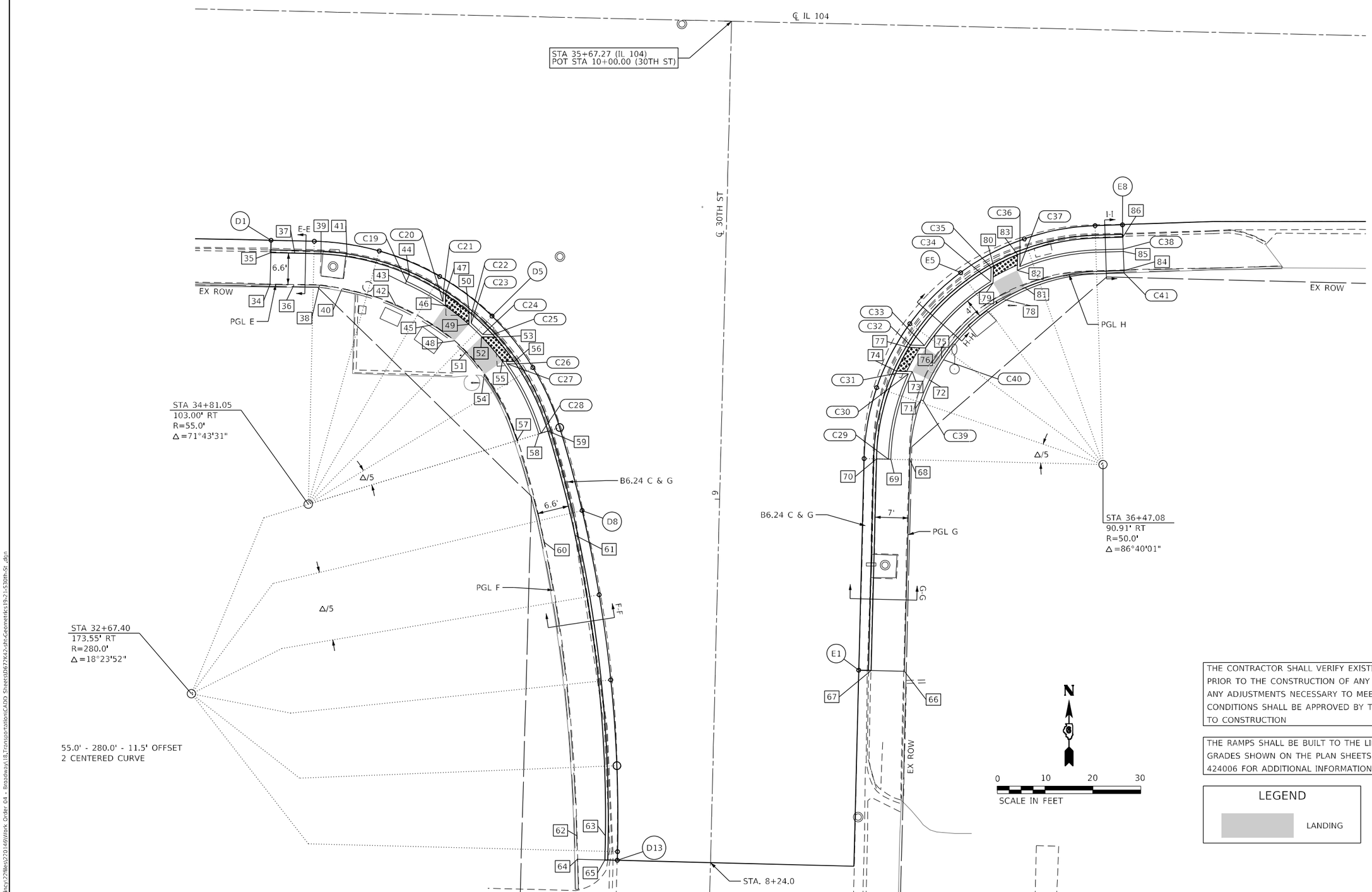
30TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+00.00	6.00' LT	656.70	18.00' LT	656.75	30.00' LT	656.77	18.00' RT	656.67
10+24.00	6.00' LT	656.82	18.00' LT	656.87	30.00' LT	656.81	18.00' RT	656.79
10+54.00	6.00' LT	657.78	18.00' LT	657.45	30.00' LT	657.17	18.00' RT	657.41
10+85.83	6.00' LT	659.31	18.00' LT	658.97	30.00' LT	658.70	18.00' RT	658.98
11+68.00	6.00' LT	662.12	18.00' LT	661.95	30.00' LT	661.59	18.00' RT	661.78

IL 104 CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
34+77.41			24.00' LT	656.68	℄	657.07
35+37.32			24.00' LT	656.81	℄	656.77
35+49.27			24.00' LT	656.87	℄	656.75
35+61.27			24.00' LT	656.82	℄	656.70
35+67.27			24.00' LT	656.83	℄	656.71
35+85.27	36.00' LT	656.91	24.00' LT	656.79	℄	656.67
36+67.76	36.00' LT	655.11	24.00' LT	655.39	℄	655.67
36+80.00	36.00' LT	654.85	24.00' LT	655.08	℄	655.41

30TH STREET
S.W. & S.E. QUADRANTS



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.

LEGEND

LANDING

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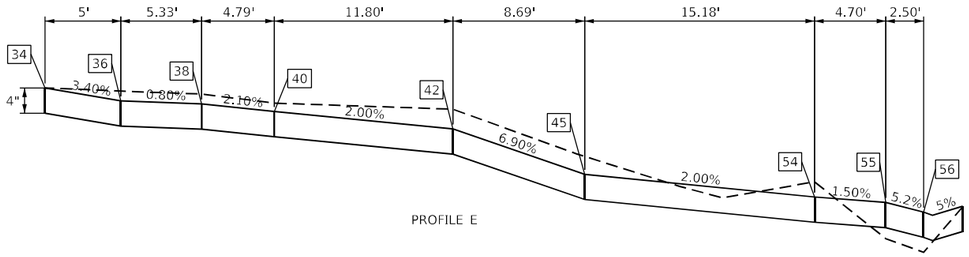
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) S 30TH ST GEOMETRIC DETAILS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 92
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 72K42			
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 19 OF 26 SHEETS / STA. 34+55.00 TO STA. 37+00.00	ILLINOIS	FED. AID PROJECT		



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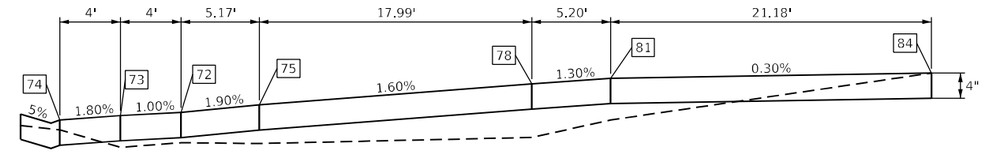

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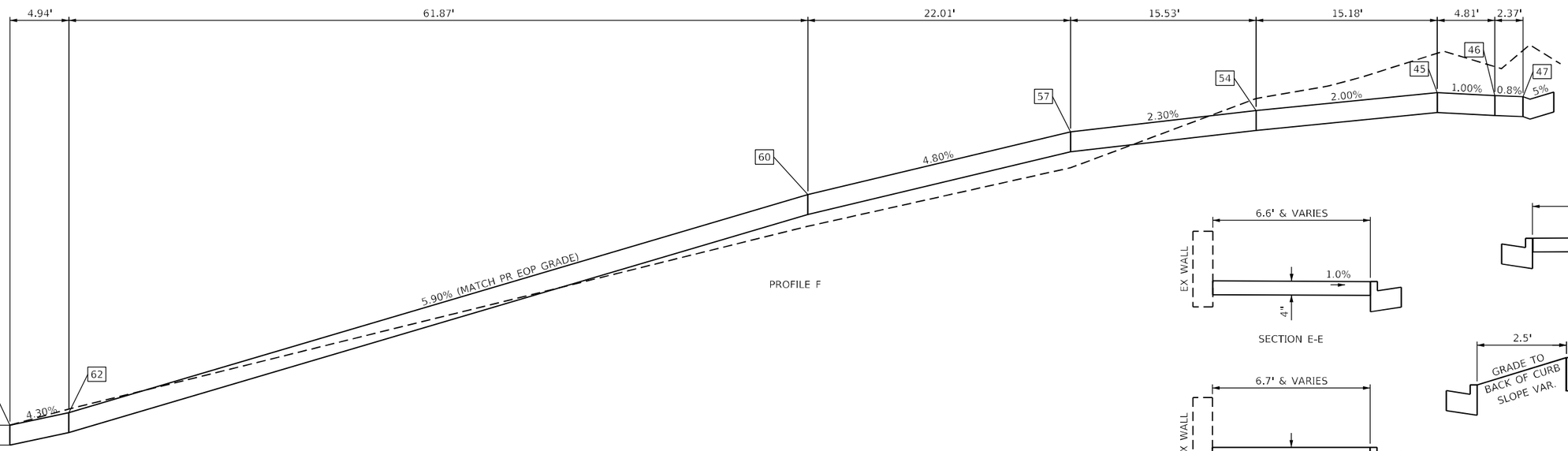
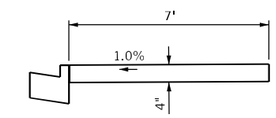
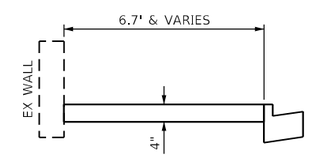


PROFILE F

SECTION E-E



SECTION G-G



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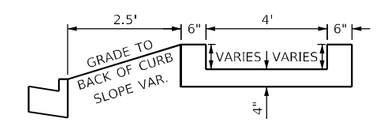
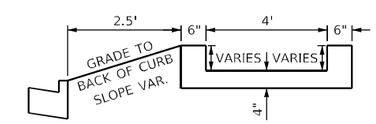
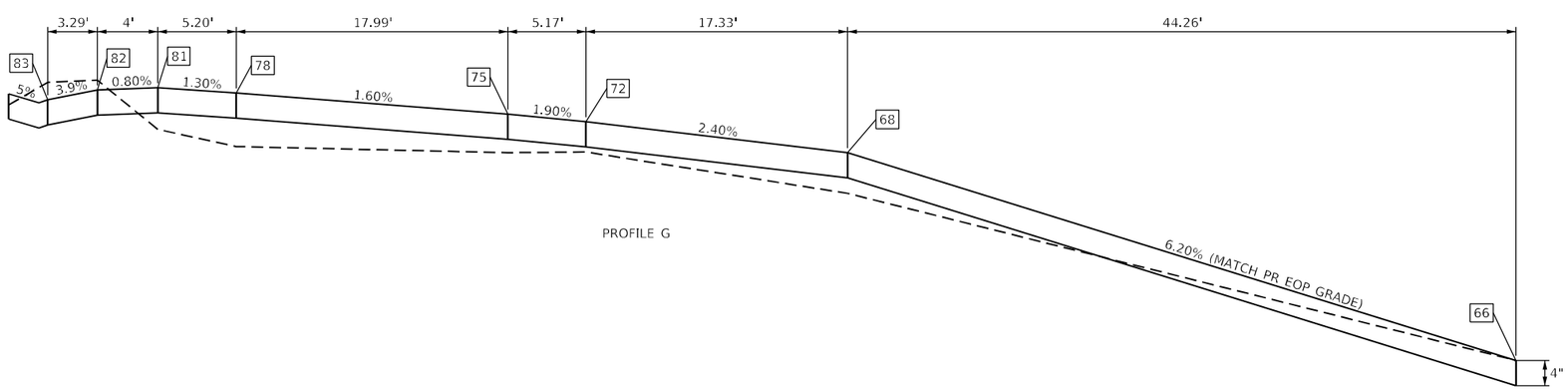


SECTION H-H
* SEE TABLES FOR CURB ELEVATIONS



SECTION I-I
* SEE TABLES FOR CURB ELEVATIONS



PROFILE G

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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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) S 30TH ST GEOMETRIC DETAILS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1.SW	ADAMS	171 / 93
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=10' / SHEET 20 OF 26 SHEETS / STA. 34+55.00 TO STA. 37+00.00		ILLINOIS	FED. AID PROJECT	

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 30TH ST.

POINT	IL 104		30TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	34+72.00	48.00' RT	9+51.80	95.17' LT	656.35
D2	34+81.05	48.00' RT	9+51.82	86.12' LT	656.32
D3	34+94.68	49.71' RT	9+50.13	72.49' LT	656.10
D4	35+07.45	54.75' RT	9+45.12	59.70' LT	655.85
D5	35+18.58	62.80' RT	9+37.10	48.55' LT	655.57
D6	35+27.37	73.35' RT	9+26.56	39.74' LT	655.27
D7	35+33.28	85.75' RT	9+14.17	33.81' LT	654.71
D8	35+38.36	103.00' RT	8+96.94	28.69' LT	653.93
D9	35+42.33	120.53' RT	8+79.41	24.68' LT	652.97
D10	35+45.17	138.29' RT	8+61.67	21.81' LT	651.90
D11	35+46.86	156.18' RT	8+43.77	20.08' LT	650.83
D12	35+47.40	174.15' RT	8+25.80	19.50' LT	649.77
D13	35+47.39	175.96' RT	8+24.00	19.50' LT	649.66

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 30TH ST.

POINT	IL 104		30TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	35+96.98	135.06' RT	8+65.00	30.00' RT	651.62
E2	35+97.08	90.80' RT	9+09.26	30.00' RT	654.43
E3	35+99.38	75.91' RT	9+24.16	32.27' RT	655.03
E4	36+06.01	62.38' RT	9+37.70	38.88' RT	655.45
E5	36+16.38	51.44' RT	9+48.66	49.22' RT	655.62
E6	36+29.53	44.09' RT	9+56.04	62.35' RT	655.57
E7	36+44.28	40.99' RT	9+59.18	77.09' RT	655.49
E8	36+50.00	40.67' RT	9+59.51	82.82' RT	655.38

SIDEWALK ELEVATIONS
30TH ST - S.W. QUADRANT

POINT	IL 104-30TH ST		ELEVATION
	STATION	OFFSET	
34	34+72.00	57.19' LT	656.94 *
35	34+72.00	50.58' LT	656.77 *
36	34+77.00	57.19' LT	656.77
37	34+77.00	50.58' LT	656.70
38	34+82.33	57.17' LT	656.73
39	34+82.51	50.60' LT	656.66
40	34+87.08	57.82' LT	656.63
41	34+87.98	51.04' LT	656.56
42	34+98.39	61.00' LT	656.40
43	35+00.29	56.40' LT	656.35
44	35+01.05	54.55' LT	656.33
45	35+06.12	64.90' LT	655.80
46	35+08.76	60.88' LT	655.75
47	35+08.76	58.51' LT	655.73
48	35+10.76	68.15' LT	655.69
49	35+13.76	64.64' LT	655.63
50	35+13.76	62.04' LT	655.60
51	35+13.28	70.43' LT	655.62
52	35+16.51	67.16' LT	655.56
53	35+16.31	67.17' LT	655.44
54	35+17.22	75.05' LT	655.50
55	35+20.94	72.17' LT	655.43
56	35+23.45	72.18' LT	655.30
57	35+24.38	88.69' LT	655.14
58	35+28.92	87.19' LT	655.10
59	35+30.82	86.56' LT	655.07
60	35+30.53	109.81' LT	654.09
61	35+37.02	108.24' LT	654.06
62	35+38.78	171.01' LT	650.44
63	35+44.80	170.95' LT	650.32
64	35+39.04	175.94' LT	650.23 *
65	35+44.81	175.95' LT	649.97 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 30TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C19	656.35	0"
C20	656.25	6"
C21	656.23	6"
C22	656.10	6"
C23	656.13	6"
C24	656.06	6"
C25	655.94	6"
C26	655.80	6"
C27	655.93	6"
C28	655.10	0"

SIDEWALK ELEVATIONS
30TH ST - S.E. QUADRANT

POINT	IL 104-30TH ST		ELEVATION
	STATION	OFFSET	
66	36+06.56	135.08' LT	652.07 *
67	35+99.56	135.07' LT	652.03 *
68	36+06.66	90.82' LT	654.82
69	36+02.66	90.82' LT	654.80
70	35+99.66	90.81' LT	654.79
71	36+08.69	78.26' LT	655.12
72	36+10.35	74.03' LT	655.23
73	36+06.72	72.36' LT	655.19
74	36+03.44	72.35' LT	655.13
75	36+12.81	69.48' LT	655.33
76	36+09.42	67.36' LT	655.29
77	36+05.92	67.35' LT	655.29
78	36+25.37	56.82' LT	655.61
79	36+23.22	53.44' LT	655.57
80	36+23.22	49.93' LT	655.55
81	36+29.92	54.32' LT	655.68
82	36+28.22	50.69' LT	655.65
83	36+28.22	47.40' LT	655.52
84	36+50.54	50.24' LT	655.75 *
85	36+50.31	46.24' LT	655.74 *
86	36+50.14	43.25' LT	655.73 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 30TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C29	654.80	0"
C30	655.69	6"
C31	655.63	6"
C32	655.79	6"
C33	655.79	6"
C34	656.07	6"
C35	656.05	6"
C36	656.02	6"
C37	656.15	6"
C38	655.74	0"
C39	655.12	0" *
C40	655.83	6" *
C41	656.04	6" *

*MATCH EX ELEVATION

30TH ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
8+24.00	19.50' LT	649.66	℄	649.85	18.00' RT	649.71	30.00' RT	649.40
8+65.00	19.50' LT	652.13	℄	652.32	18.00' RT	651.80	30.00' RT	651.62
9+52.00	19.50' LT	655.85	℄	655.98	18.00' RT	655.90	30.00' RT	655.82

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

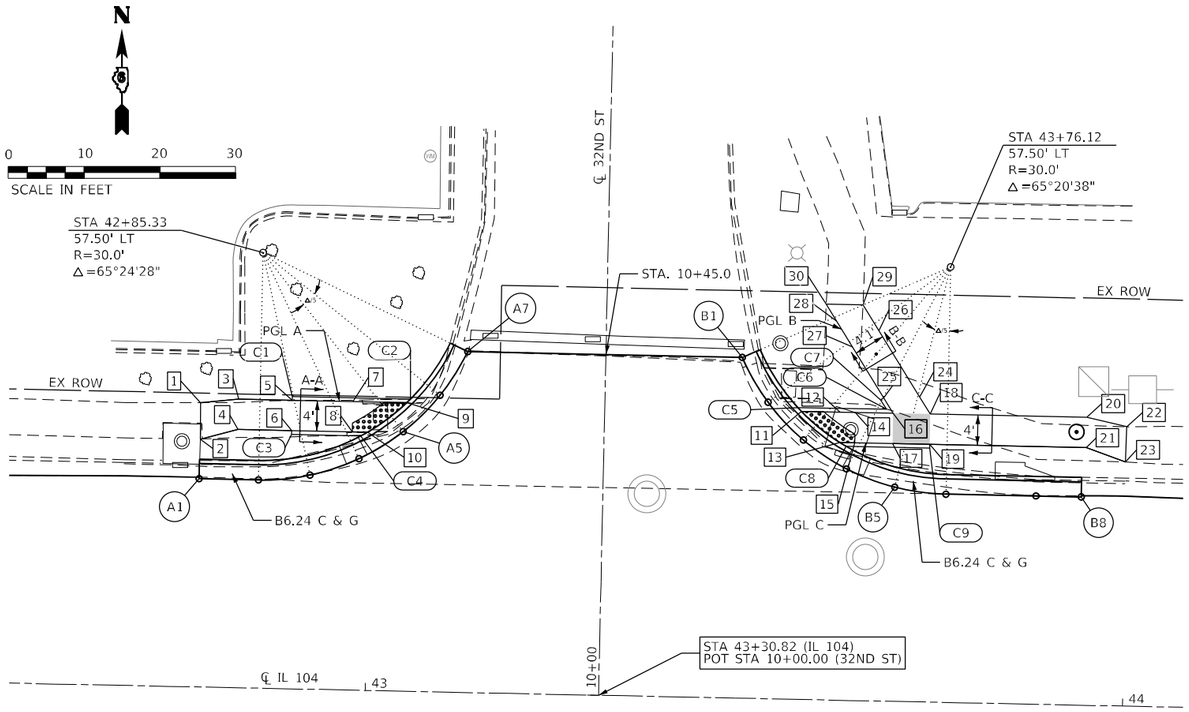
FAP RTE 745 (IL 104)
S 30TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 21 OF 26 SHEETS | STA. 34+55.00 TO STA. 37+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	94

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT



32ND STREET
N.W. & N.E. QUADRANTS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 32ND ST.

POINT	IL 104		32ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	42+77.50	27.50' LT	10+27.46	53.34' LT	641.68
A2	42+85.33	27.50' LT	10+27.46	45.51' LT	641.61
A3	42+92.12	28.28' LT	10+28.25	38.72' LT	641.50
A4	42+98.56	30.57' LT	10+30.55	32.29' LT	641.45
A5	43+04.31	34.27' LT	10+34.24	26.54' LT	641.47
A6	43+09.07	39.17' LT	10+39.15	21.78' LT	641.54
A7	43+12.61	45.02' LT	10+45.00	18.25' LT	642.02

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 32ND ST.

POINT	IL 104		32ND ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	43+48.86	44.98' LT	10+45.00	18.00' RT	642.06
B2	43+52.39	39.14' LT	10+39.16	21.54' RT	641.53
B3	43+57.16	34.25' LT	10+34.28	26.31' RT	641.41
B4	43+62.91	30.57' LT	10+30.59	32.06' RT	641.33
B5	43+69.34	28.28' LT	10+28.31	38.50' RT	641.36
B6	43+76.12	27.50' LT	10+27.54	45.28' RT	641.41
B7	43+88.01	27.50' LT	10+27.55	57.17' RT	641.36
B8	43+94.00	27.50' LT	10+27.55	63.16' RT	641.39

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 32ND ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	642.08	0" *
C2	641.94	6" *
C3	642.02	0"
C4	641.90	6"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
32ND ST - N.W. QUADRANT

POINT	IL 104-32ND ST		ELEVATION
	STATION	OFFSET	
1	42+77.49	37.53' LT	642.24 *
2	42+77.55	32.72' LT	642.17 *
3	42+82.49	38.09' LT	642.18
4	42+82.49	34.09' LT	642.11
5	42+89.59	38.09' LT	642.09
6	42+89.58	34.09' LT	642.03
7	42+97.59	38.08' LT	641.47
8	42+97.58	34.08' LT	641.41
9	43+04.68	38.08' LT	641.44
10	42+99.58	34.08' LT	641.40

*MATCH EX ELEVATION

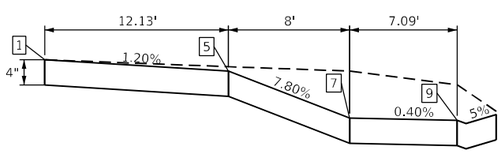
CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 32ND ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C5	641.89	6"
C6	642.33	6"
C7	642.02	0"
C8	641.80	6"
C9	641.78	0"

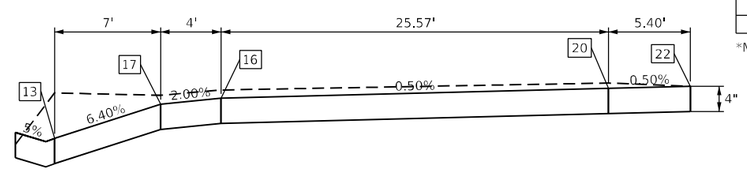
SIDEWALK ELEVATIONS
32ND ST - N.E. QUADRANT

POINT	IL 104-32ND ST		ELEVATION
	STATION	OFFSET	
11	43+56.82	38.03' LT	641.39
12	43+61.95	38.03' LT	641.38
13	43+61.95	34.03' LT	641.30
14	43+63.95	38.03' LT	641.51
15	43+63.95	34.03' LT	641.43
16	43+68.95	38.03' LT	641.83
17	43+68.95	34.03' LT	641.75
18	43+73.83	38.03' LT	641.85
19	43+73.83	34.03' LT	641.78
20	43+94.52	38.03' LT	641.96
21	43+94.54	34.03' LT	641.90
22	43+99.79	36.89' LT	641.99 *
23	43+99.72	32.25' LT	641.95 *
24	43+72.40	40.25' LT	641.88
25	43+67.66	40.04' LT	642.02
26	43+66.83	48.89' LT	642.71
27	43+63.38	46.67' LT	642.66
28	43+61.22	50.03' LT	642.74
29	43+64.66	52.25' LT	642.75 *
30	43+59.80	52.23' LT	642.80 *

*MATCH EX ELEVATION



PROFILE A



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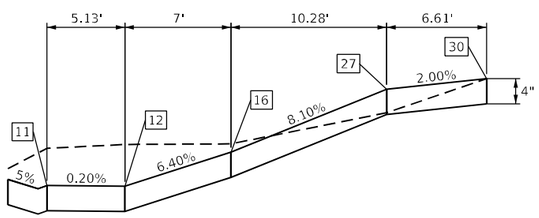

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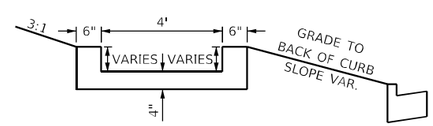
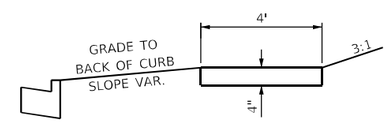
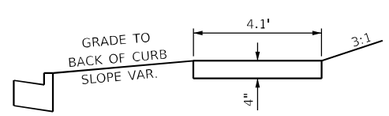


SECTION A-A
* SEE TABLES FOR CURB ELEVATIONS



SECTION C-C



SECTION B-B

32ND ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
10+27.50	22.38' LT	641.46	℄	641.47	22.23' RT	641.40
10+45.00	18.25' LT	642.02	℄	642.15	18.00' RT	642.06

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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
32ND ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 22 OF 26 SHEETS | STA. 42+53.00 TO STA. 44+08.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	95

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

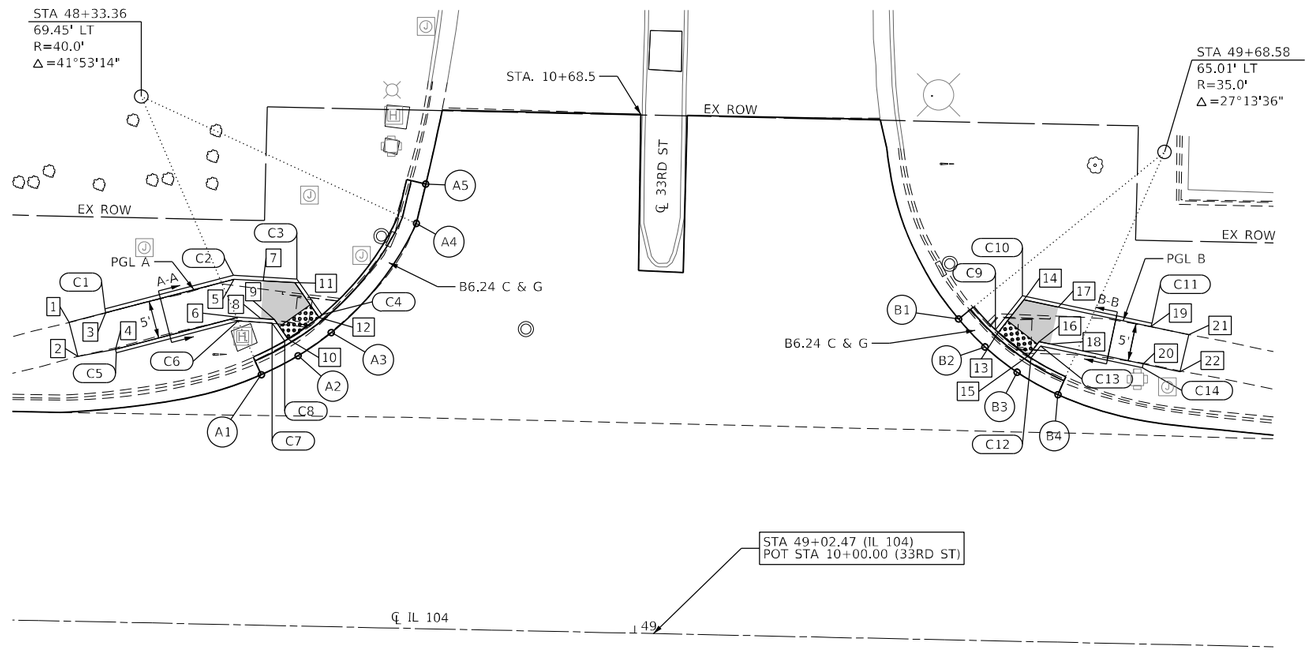
33RD STREET
N.W. & N.E. QUADRANTS

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.

LEGEND

LANDING



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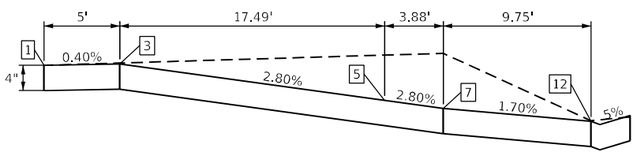
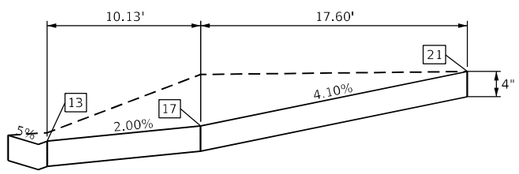
0 10 20 30

SCALE IN FEET



PROFILE A



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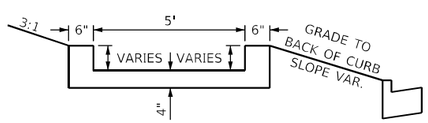
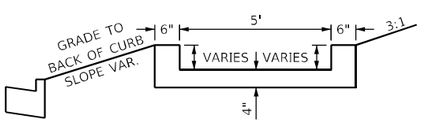


SECTION A-A

* SEE TABLES FOR CURB ELEVATIONS



SECTION B-B

* SEE TABLES FOR CURB ELEVATIONS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 33RD ST.

POINT	IL 104		ELEVATION
	STATION	OFFSET	
A1	48+49.99	33.07' LT	641.26
A2	48+54.79	35.68' LT	641.23
A3	48+59.10	38.84' LT	641.21
A4	48+70.03	53.47' LT	641.33
A5	48+71.16	58.69' LT	641.84

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 33RD ST.

POINT	IL 104		ELEVATION
	STATION	OFFSET	
B1	49+41.88	42.38' LT	641.31
B2	49+45.43	38.76' LT	641.38
B3	49+49.74	35.51' LT	641.43
B4	49+55.19	32.67' LT	641.48

SIDEWALK ELEVATIONS
33RD ST - N.W. QUADRANT

POINT	IL 104-33RD ST		ELEVATION
	STATION	OFFSET	
1	48+24.47	39.46' LT	641.89 *
2	48+25.74	34.98' LT	641.75 *
3	48+29.28	40.83' LT	641.91
4	48+30.65	36.02' LT	641.86
5	48+46.10	45.61' LT	641.43
6	48+46.71	40.58' LT	641.35
7	48+49.98	45.47' LT	641.32
8	48+49.80	40.47' LT	641.25
9	48+51.54	40.41' LT	641.22
10	48+53.36	37.92' LT	641.17
11	48+54.15	45.31' LT	641.25
12	48+57.44	40.81' LT	641.15

*MATCH EX ELEVATION

CURB ELEVATIONS - N.W. QUADRANT
IL 104 - 33RD ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	641.91	0"
C2	641.93	6"
C3	641.75	6"
C4	641.65	6"
C5	641.86	0"
C6	641.85	6"
C7	641.73	6"
C8	641.67	6"

SIDEWALK ELEVATIONS
33RD ST - N.E. QUADRANT

POINT	IL 104-33RD ST		ELEVATION
	STATION	OFFSET	
13	49+47.13	40.70' LT	641.32
14	49+50.45	45.09' LT	641.43
15	49+51.13	37.69' LT	641.37
16	49+52.57	39.60' LT	641.41
17	49+54.99	44.23' LT	641.52
18	49+54.05	39.31' LT	641.44
19	49+67.30	41.90' LT	642.03
20	49+66.36	36.96' LT	641.97
21	49+72.29	40.96' LT	642.24 *
22	49+71.27	36.02' LT	642.17 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 33RD ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C9	641.82	6"
C10	641.93	6"
C11	642.03	0"
C12	641.87	6"
C13	641.91	6"
C14	641.97	0"

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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
33RD ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 23 OF 26 SHEETS | STA. 47+60.00 TO STA. 50+12.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	96

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

33RD STREET
S.W. & S.E. QUADRANTS

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.

LEGEND

LANDING

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 33RD ST.

POINT	IL 104		33RD ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	48+45.74	29.73' RT	9+69.03	56.06' LT	641.44
D2	48+56.29	33.40' RT	9+65.60	45.43' LT	641.23
D3	48+60.87	36.15' RT	9+62.94	40.79' LT	641.13
D4	48+70.14	45.26' RT	9+54.04	31.33' LT	640.92

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 33RD ST.

POINT	IL 104		33RD ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	49+27.26	52.17' RT	9+48.39	25.93' RT	640.78
E2	49+38.47	38.00' RT	9+62.80	36.82' RT	641.11
E3	49+42.86	34.95' RT	9+65.95	41.15' RT	641.26
E4	49+59.65	29.44' RT	9+71.83	57.81' RT	641.43
E5	49+80.08	27.50' RT	9+74.22	78.19' RT	641.46
E6	50+11.00	27.50' RT	9+74.90	109.11' RT	641.76

SIDEWALK ELEVATIONS
33RD ST - S.W. QUADRANT

POINT	IL 104-33RD ST		ELEVATION
	STATION	OFFSET	
23	48+29.18	37.04' RT	641.85
24	48+29.49	32.04' RT	641.77
25	48+43.73	39.10' RT	641.57
26	48+44.67	34.19' RT	641.49
27	48+51.65	41.79' RT	641.41
28	48+54.12	37.44' RT	641.33
29	48+55.11	35.70' RT	641.17
30	48+55.92	44.39' RT	641.31
31	48+58.40	40.02' RT	641.23
32	48+59.40	38.27' RT	641.07
33	48+62.49	50.91' RT	641.28
34	48+66.51	47.94' RT	641.20
35	48+66.82	53.40' RT	641.26 *
36	48+70.80	50.55' RT	641.13 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 33RD ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C15	641.57	0" *
C16	641.74	4" *
C17	641.64	4" *
C18	641.28	0" *
C19	641.76	0"
C20	642.06	6"
C21	641.83	6"
C22	641.67	6"
C23	641.57	6"
C24	641.73	6"
C25	641.20	0"

*MATCH EX GROUND ELEVATION

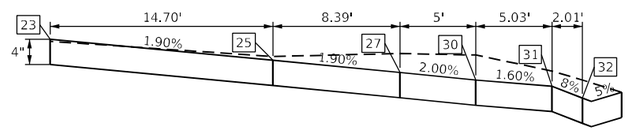
SIDEWALK ELEVATIONS
33RD ST - S.E. QUADRANT

POINT	IL 104-33RD ST		ELEVATION
	STATION	OFFSET	
37	49+33.71	55.74' RT	641.26 *
38	49+29.59	53.29' RT	641.07 *
39	49+38.17	52.30' RT	641.33
40	49+34.02	49.52' RT	641.25
41	49+44.06	45.80' RT	641.29
42	49+41.22	41.67' RT	641.21
43	49+40.08	40.02' RT	641.05
44	49+48.17	42.95' RT	641.39
45	49+45.32	38.82' RT	641.31
46	49+44.18	37.17' RT	641.20
47	49+60.55	39.98' RT	641.91
48	49+60.08	34.00' RT	641.83

*MATCH EX ELEVATION

CURB ELEVATIONS - S.E. QUADRANT
IL 104 - 33RD ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C26	641.25	0"
C27	641.71	6"
C28	641.55	6"
C29	641.70	6"
C30	641.81	6"
C31	641.83	0"



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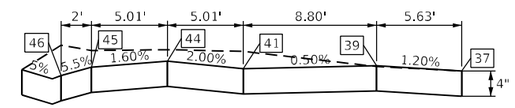

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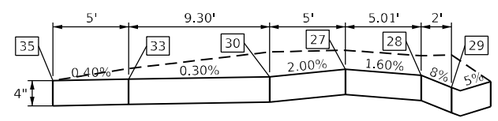

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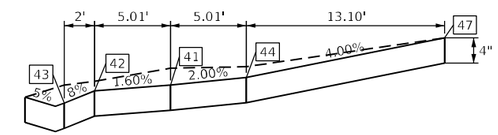

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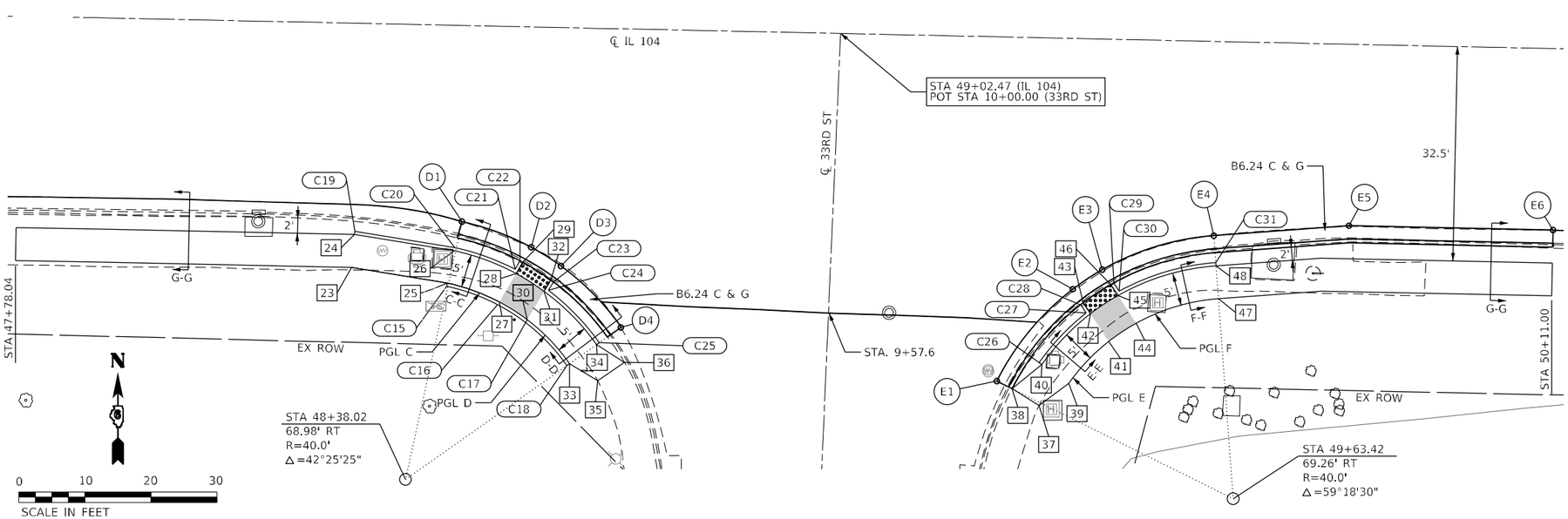
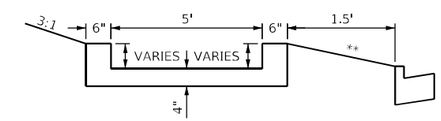
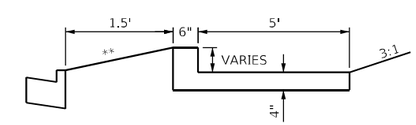
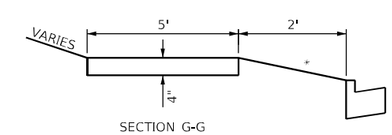




SECTION C-C
SECTION D-D
* SEE TABLES FOR CURB ELEVATIONS
** 2.0% GRADE TO BACK OF CURB



SECTION E-E
SECTION F-F
* SEE TABLES FOR CURB ELEVATIONS
** 2.0% GRADE TO BACK OF CURB



SECTION G-G
* 2.0% GRADE TO BACK OF CURB

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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 = cschenk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
33RD ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 24 OF 26 SHEETS | STA. 47+76.00 TO STA. 50+12.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	97
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

36TH STREET
N.W. & N.E. QUADRANTS

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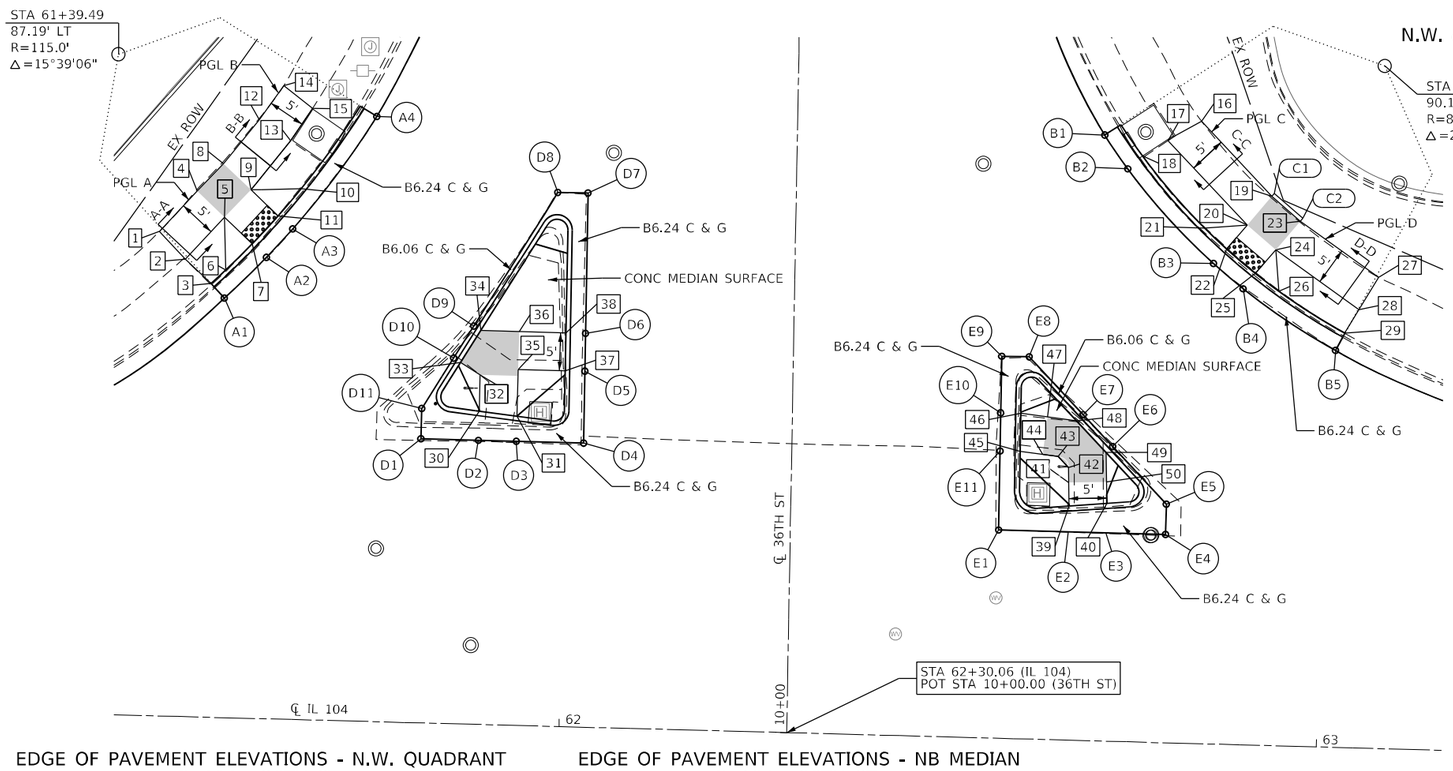
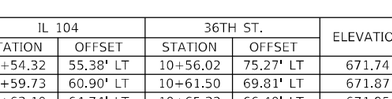
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424006 FOR ADDITIONAL INFORMATION.

MEDIAN CURB & GUTTER TO SLOPE TOWARD CURB FROM F4 TO F7 AND G9 TO G1. ALL OTHER MEDIAN CURB & GUTTER SHOULD SLOPE TOWARD ROAD.

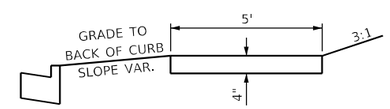
LEGEND

LANDING

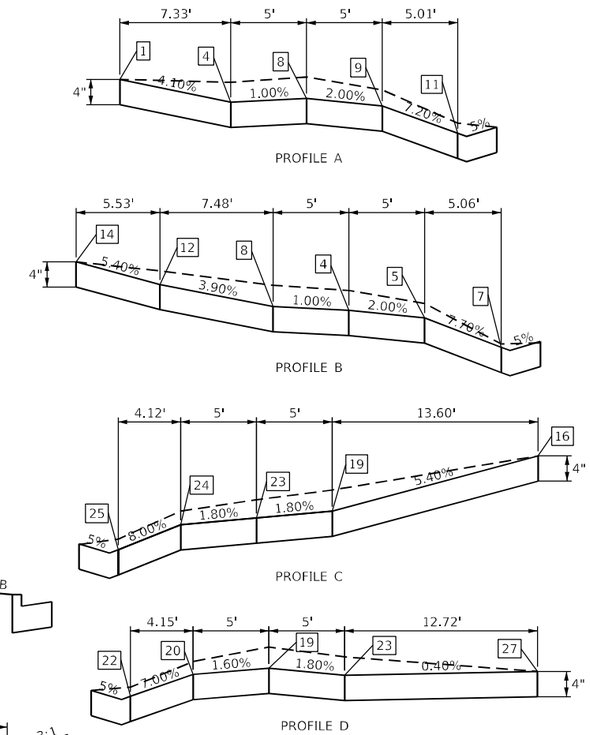




SECTION A-A
SECTION B-B



SECTION C-C
SECTION D-D



EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	61+54.32	55.38' LT	10+56.02	75.27' LT	671.74
A2	61+59.73	60.90' LT	10+61.50	69.81' LT	671.87
A3	61+63.10	64.74' LT	10+65.32	66.40' LT	671.95
A4	61+73.82	79.88' LT	10+80.36	55.55' LT	672.33

EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	62+69.91	79.99' LT	10+79.62	40.58' RT	672.77
B2	62+73.06	75.62' LT	10+75.21	43.67' RT	672.50
B3	62+84.71	63.44' LT	10+62.94	55.23' RT	671.96
B4	62+88.72	60.20' LT	10+59.66	59.21' RT	671.83
B5	63+01.13	52.40' LT	10+51.75	71.55' RT	671.60

EDGE OF PAVEMENT ELEVATIONS - SB MEDIAN
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	61+80.76	37.50' LT	10+37.92	48.98' LT	672.23
D2	61+88.35	37.50' LT	10+37.86	41.38' LT	672.30
D3	61+93.35	37.50' LT	10+37.81	36.38' LT	672.36
D4	62+02.24	37.50' LT	10+37.74	27.50' LT	672.51
D5	62+02.16	46.98' LT	10+47.22	27.50' LT	672.69
D6	62+02.11	51.98' LT	10+52.22	27.50' LT	672.81
D7	62+01.95	70.52' LT	10+70.76	27.50' LT	673.21
D8	61+97.95	70.49' LT	10+70.76	31.50' LT	672.92
D9	61+87.35	52.56' LT	10+52.92	42.26' LT	672.45
D10	61+84.79	48.26' LT	10+48.65	44.86' LT	672.36
D11	61+80.76	41.50' LT	10+41.92	48.95' LT	672.29

EDGE OF PAVEMENT ELEVATIONS - NB MEDIAN
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	62+57.31	27.50' LT	10+27.25	27.50' RT	672.46
E2	62+66.50	27.50' LT	10+27.17	36.69' RT	672.33
E3	62+71.48	27.50' LT	10+27.12	41.67' RT	672.29
E4	62+79.35	27.50' LT	10+27.05	49.54' RT	672.28
E5	62+79.35	31.50' LT	10+31.05	49.57' RT	672.17
E6	62+72.06	38.92' LT	10+38.53	42.35' RT	672.29
E7	62+68.04	43.00' LT	10+42.65	38.38' RT	672.38
E8	62+60.72	50.46' LT	10+50.18	31.12' RT	672.55
E9	62+57.10	50.43' LT	10+50.18	27.50' RT	672.80
E10	62+57.17	42.95' LT	10+42.70	27.50' RT	672.71
E11	62+57.21	37.92' LT	10+37.67	27.50' RT	672.64

SIDEWALK ELEVATIONS
36TH ST - N.W. QUADRANT

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
1	61+45.52	63.94' LT	672.60 *
2	61+49.02	60.36' LT	672.48 *
3	61+52.53	57.24' LT	672.19 *
4	61+50.38	69.42' LT	672.30
5	61+54.08	66.05' LT	672.20
6	61+54.41	59.08' LT	672.15
7	61+57.82	62.64' LT	671.81
8	61+53.74	73.12' LT	672.35
9	61+57.44	69.75' LT	672.25
10	61+64.05	70.06' LT	672.38
11	61+61.12	66.41' LT	671.89
12	61+58.31	79.04' LT	672.64
13	61+62.54	76.36' LT	672.54
14	61+61.42	83.62' LT	672.94 *
15	61+65.30	80.71' LT	672.76 *

*MATCH EX ELEVATION

SIDEWALK ELEVATIONS
36TH ST - N.E. QUADRANT

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
16	62+82.63	82.17' LT	673.00 *
17	62+78.29	79.49' LT	672.94 *
18	62+74.97	77.37' LT	672.86 *
19	62+92.18	72.48' LT	672.27
20	62+89.02	68.61' LT	672.19
21	62+83.44	68.05' LT	672.44
22	62+86.39	65.40' LT	671.90
23	62+96.05	69.32' LT	672.18
24	62+92.89	65.45' LT	672.09
25	62+90.28	62.26' LT	671.76
26	62+93.44	59.99' LT	672.09
27	63+06.57	62.18' LT	672.23 *
28	63+04.08	57.85' LT	672.11 *
29	63+02.27	54.71' LT	672.04 *

*MATCH EX ELEVATION

CURB ELEVATIONS - N.E. QUADRANT
IL 104 - 36TH ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	627.52	3" *
C2	672.43	3" *

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
36TH ST - SB MEDIAN

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
30	61+88.35	41.34' LT	672.40
31	61+93.35	40.81' LT	672.46
32	61+88.35	46.14' LT	672.47
33	61+85.72	47.71' LT	672.41
34	61+88.28	52.00' LT	672.50
35	61+93.35	46.98' LT	672.53
36	61+93.37	51.98' LT	672.59
37	61+99.57	46.96' LT	672.63
38	61+99.53	51.96' LT	672.75

SIDEWALK ELEVATIONS
36TH ST - NB MEDIAN

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
39	62+66.49	30.89' LT	672.43
40	62+71.48	31.39' LT	672.39
41	62+66.37	34.04' LT	672.41
42	62+66.30	35.98' LT	672.40
43	62+64.90	37.40' LT	672.44
44	62+62.84	37.62' LT	672.48
45	62+59.88	37.94' LT	672.58
46	62+59.83	42.97' LT	672.65
47	62+63.37	42.59' LT	672.50
48	62+67.21	42.18' LT	672.43
49	62+71.22	38.10' LT	672.34
50	62+71.37	34.23' LT	672.37

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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 = cschenk
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 5/16/2025
DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
36TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 25 OF 26 SHEETS | STA. 61+41.00 TO STA. 63+17.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	98

CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT

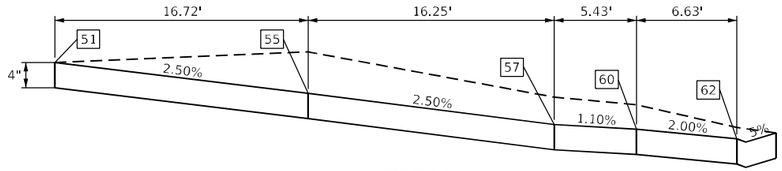
36TH STREET
S.W. & S.E. QUADRANTS

LEGEND

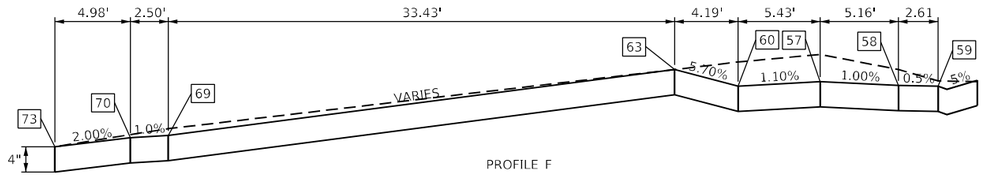
LANDING

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 424006 FOR ADDITIONAL INFORMATION.



PROFILE E



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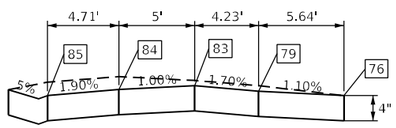

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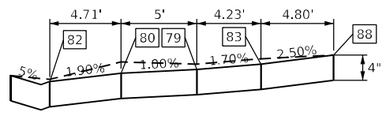

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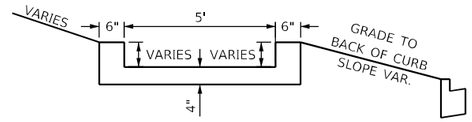
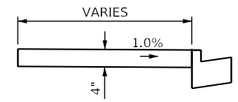
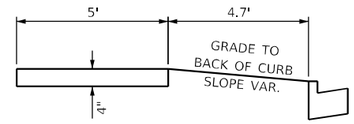


SECTION E-E

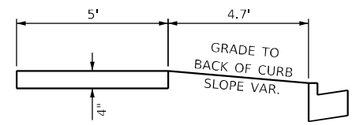
* SEE TABLES FOR CURB ELEVATIONS



SECTION F-F



SECTION G-G



SECTION H-H

EDGE OF PAVEMENT ELEVATIONS - S.W. QUADRANT
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
D1	61+72.33	50.47' RT	9+49.52	57.72' LT	671.03
D2	61+75.98	53.46' RT	9+46.53	54.07' LT	670.94
D3	61+80.47	57.78' RT	9+42.21	49.58' LT	670.81
D4	61+98.84	94.66' RT	9+05.33	31.20' LT	669.76

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 104 - 36TH ST.

POINT	IL 104		36TH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
E1	62+69.13	63.73' RT	9+36.26	39.04' RT	670.73
E2	62+73.35	58.05' RT	9+41.94	43.27' RT	670.89
E3	62+76.84	54.18' RT	9+45.81	46.76' RT	670.98
E4	62+82.44	49.08' RT	9+50.90	52.36' RT	671.08

SIDEWALK ELEVATIONS
36TH ST - S.W. QUADRANT

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
51	61+37.94	53.89' RT	671.76 *
52	61+38.01	48.89' RT	671.63 *
53	61+43.00	53.89' RT	671.63
54	61+43.01	48.89' RT	671.53
55	61+54.66	53.90' RT	671.35
56	61+55.85	48.90' RT	671.28
57	61+69.15	61.25' RT	670.94
58	61+72.55	57.37' RT	670.89
59	61+74.27	55.40' RT	670.88
60	61+73.77	64.10' RT	670.88
61	61+77.14	60.93' RT	670.79
62	61+78.60	59.56' RT	670.75
63	61+77.01	66.75' RT	671.10
64	61+81.60	62.93' RT	671.06
65	61+81.22	71.47' RT	670.94
66	61+85.73	68.45' RT	670.89
67	61+85.74	80.67' RT	670.63
68	61+91.17	78.21' RT	670.57
69	61+86.96	97.27' RT	670.23
70	61+89.40	96.74' RT	670.20
71	61+93.31	95.89' RT	670.16
72	61+96.32	95.24' RT	670.13
73	61+90.48	101.60' RT	670.08 *
74	61+94.39	100.85' RT	670.13 *

*MATCH EX ELEVATION

CURB ELEVATIONS - S.W. QUADRANT
IL 104 - 36TH ST.

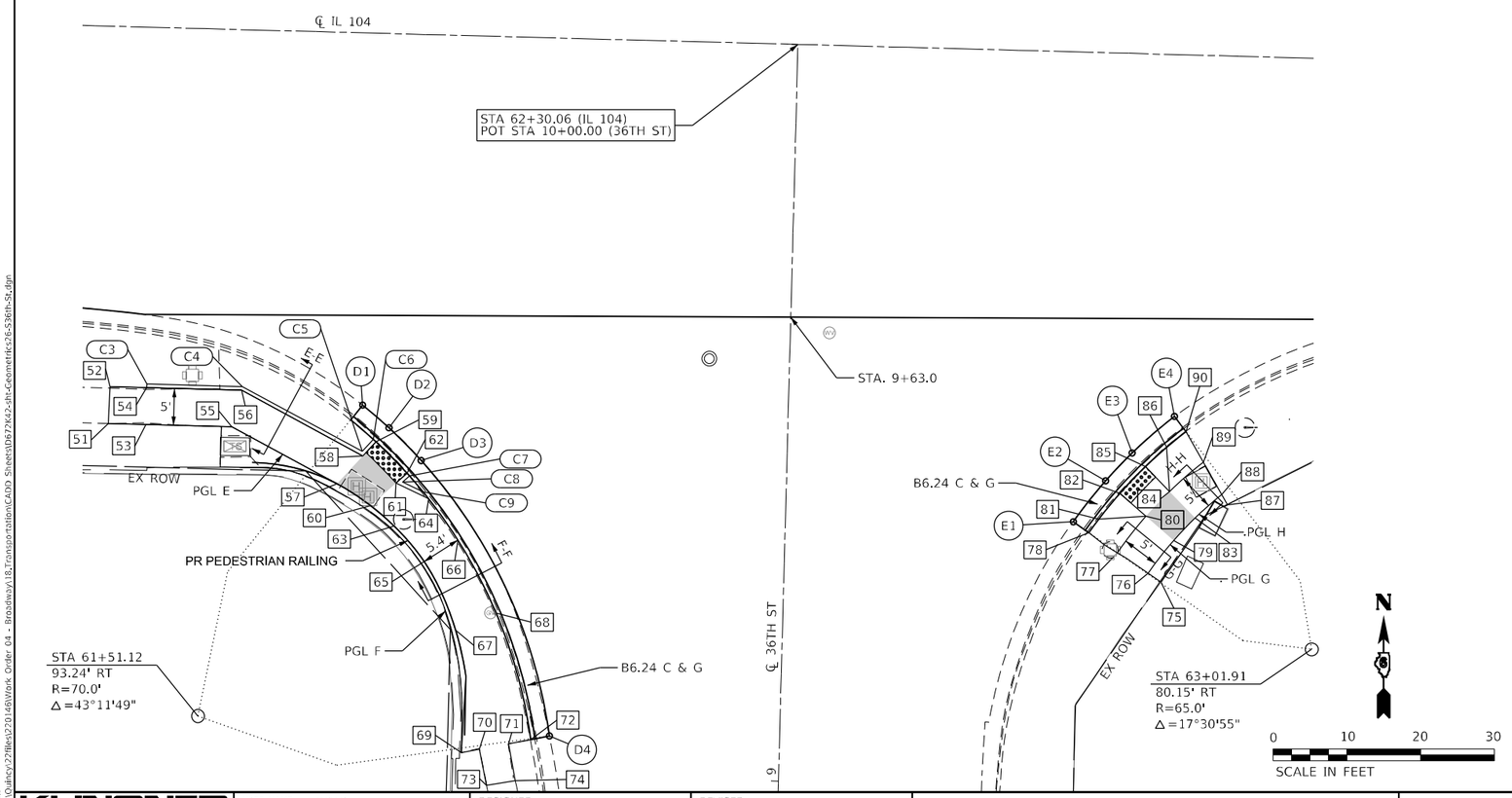
POINT	TOP CURB ELEVATION	CURB HEIGHT
C3	671.53	0"
C4	671.78	6"
C5	671.39	6"
C6	671.38	6"
C7	671.25	6"
C8	671.29	6"
C9	671.06	0"

*MATCH EX GROUND ELEVATION

SIDEWALK ELEVATIONS
36TH ST - S.E. QUADRANT

POINT	IL 104-36TH ST		ELEVATION
	STATION	OFFSET	
75	62+81.23	71.60' RT	670.85 *
76	62+79.43	70.43' RT	670.93 *
77	62+75.20	67.77' RT	670.98 *
78	62+71.28	65.15' RT	671.08 *
79	62+82.80	65.91' RT	670.99
80	62+78.96	62.71' RT	670.94
81	62+72.56	63.30' RT	671.15
82	62+75.34	59.70' RT	670.83
83	62+85.63	62.77' RT	671.06
84	62+82.06	59.27' RT	671.01
85	62+78.69	55.98' RT	670.92
86	62+81.50	53.28' RT	671.39
87	62+89.96	60.86' RT	671.16 *
88	62+89.14	59.50' RT	671.18 *
89	62+86.54	55.15' RT	671.29 *
90	62+84.06	51.09' RT	671.45 *

*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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
36TH ST
GEOMETRIC DETAILS

SCALE: 1"=10' | SHEET 26 OF 26 SHEETS | STA. 61+33.00 TO STA. 63+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	99

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

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)		15'-UC 3" PVC	15'-UC 3" PVC

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)
SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

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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FUHRMANN ENGINEERING
WWW. FUHRMANN-ENG .COM

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	DRAWN - DMS 8.15.2018	REVISED - DMS 9.23.2014	
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PLOT DATE = 5/21/2025	DATE -	REVISED -	

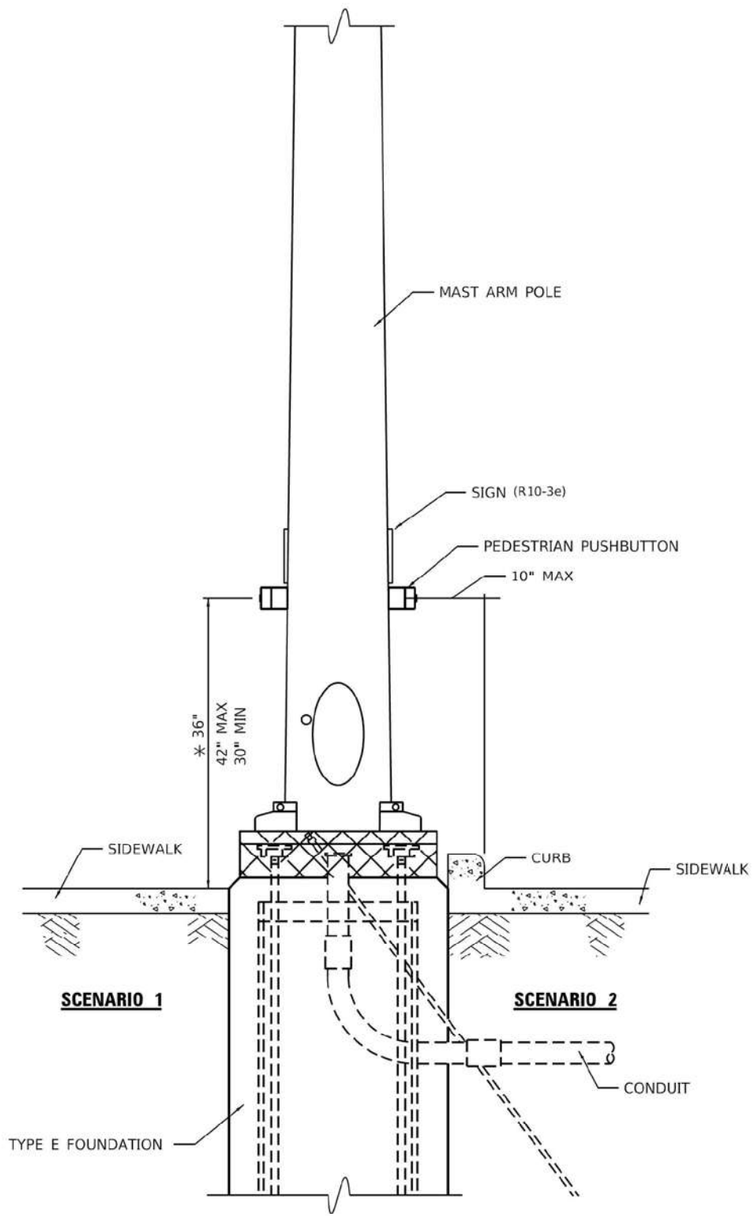
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT SIX
TRAFFIC SIGNAL LEGEND STANDARD

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

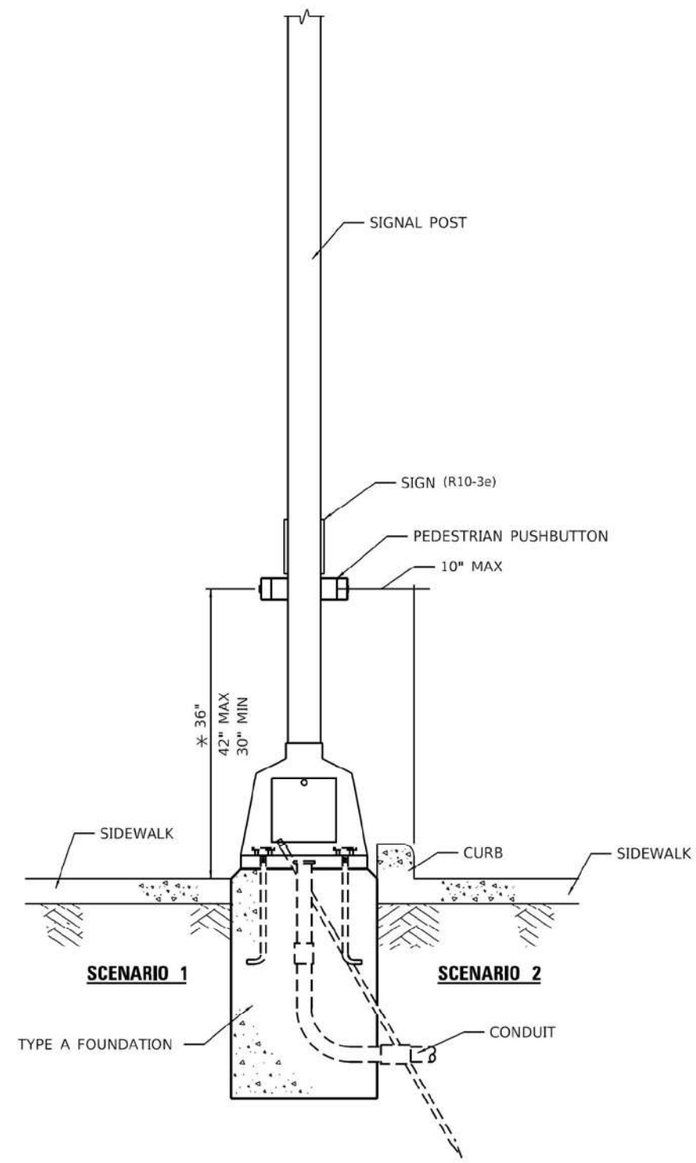
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	100
		CONTRACT NO. 72K42		

ILLINOIS | FED. AID PROJECT

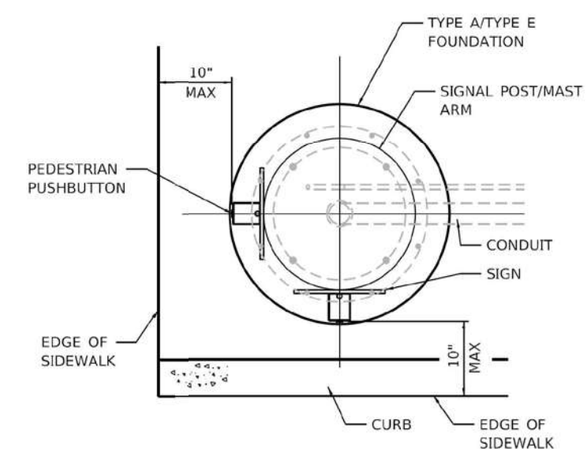


PEDESTRIAN PUSHBUTTON INSTALLATION, MAST ARM

* 36" PREFERRED



PEDESTRIAN PUSHBUTTON INSTALLATION, SIGNAL POST



PEDESTRIAN PUSHBUTTON INSTALLATION, TOP VIEW

NOT TO SCALE

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FUHRMANN ENGINEERING WWW. FUHRMANN-ENG .COM	USER NAME = msmit	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT SIX PEDESTRIAN PUSHBUTTON INTALLATION DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 101
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	PLOT DATE = 5/21/2025	DATE -	REVISED -		SCALE: NTS / SHEET 1 OF 1 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

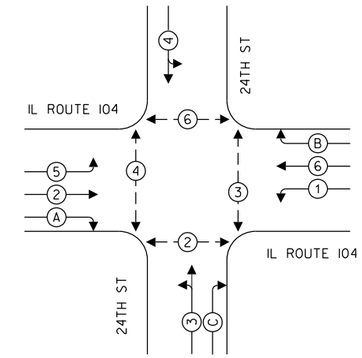
1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

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.

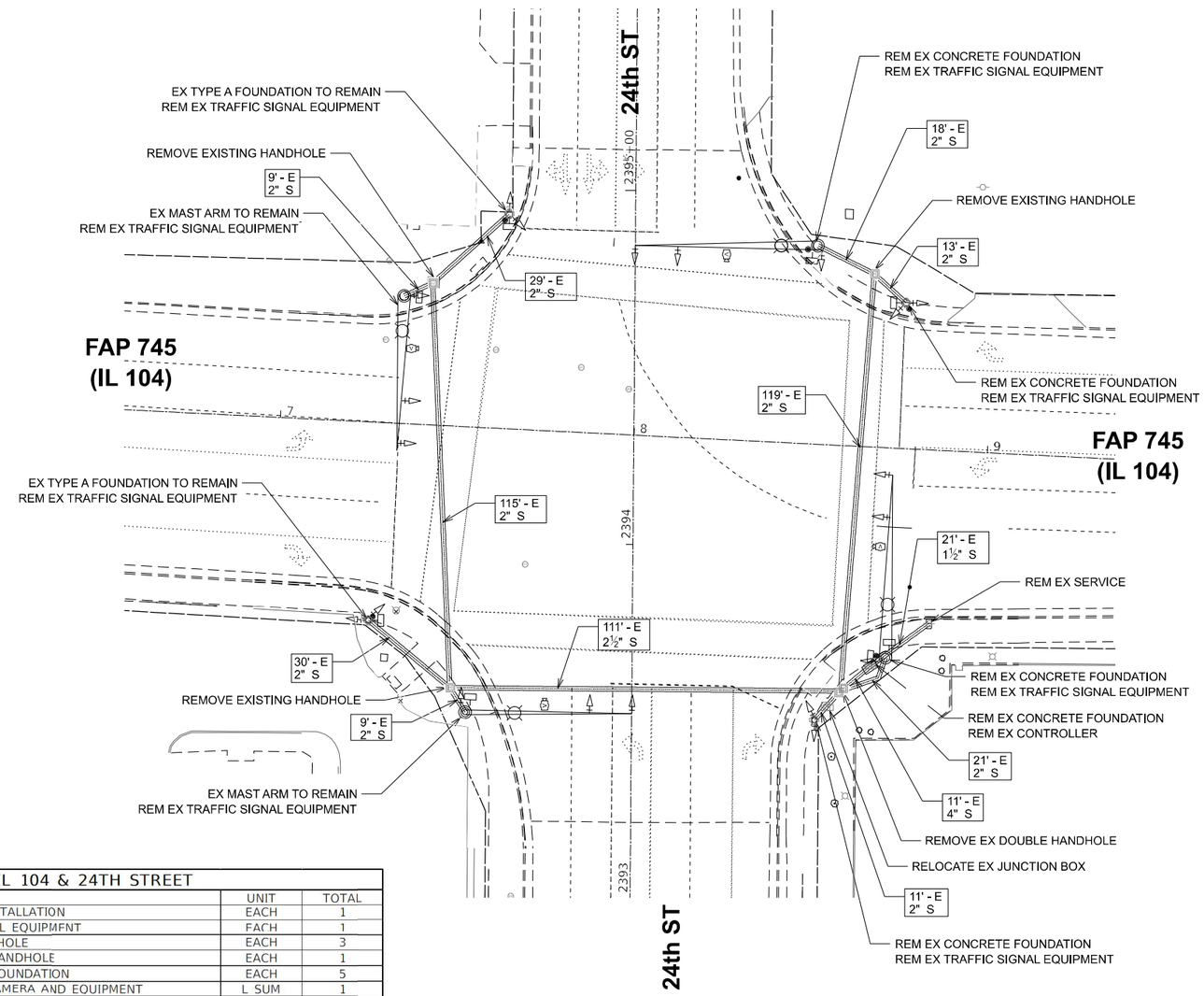
3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

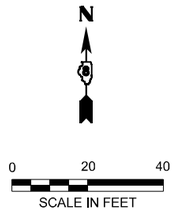
4. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

5. 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.



EXISTING PHASE DESIGNATION DIAGRAM





SCHEDULE OF QUANTITIES IL 104 & 24TH 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	5
X1400174	REMOVE AND REINSTALL EXISTING CCTV CAMERA AND EQUIPMENT	L SUM	1
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	3087

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 18TH STREET SIGNAL CABINET TO THE 24TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Site Plan
FILE NAME: C:\Users\msmit\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2022\22-2016_PTB204-038_D6_VAV_Klingner\WO-06\CADD\CADD Sheets\72K42-sht-ts-24th.dgn

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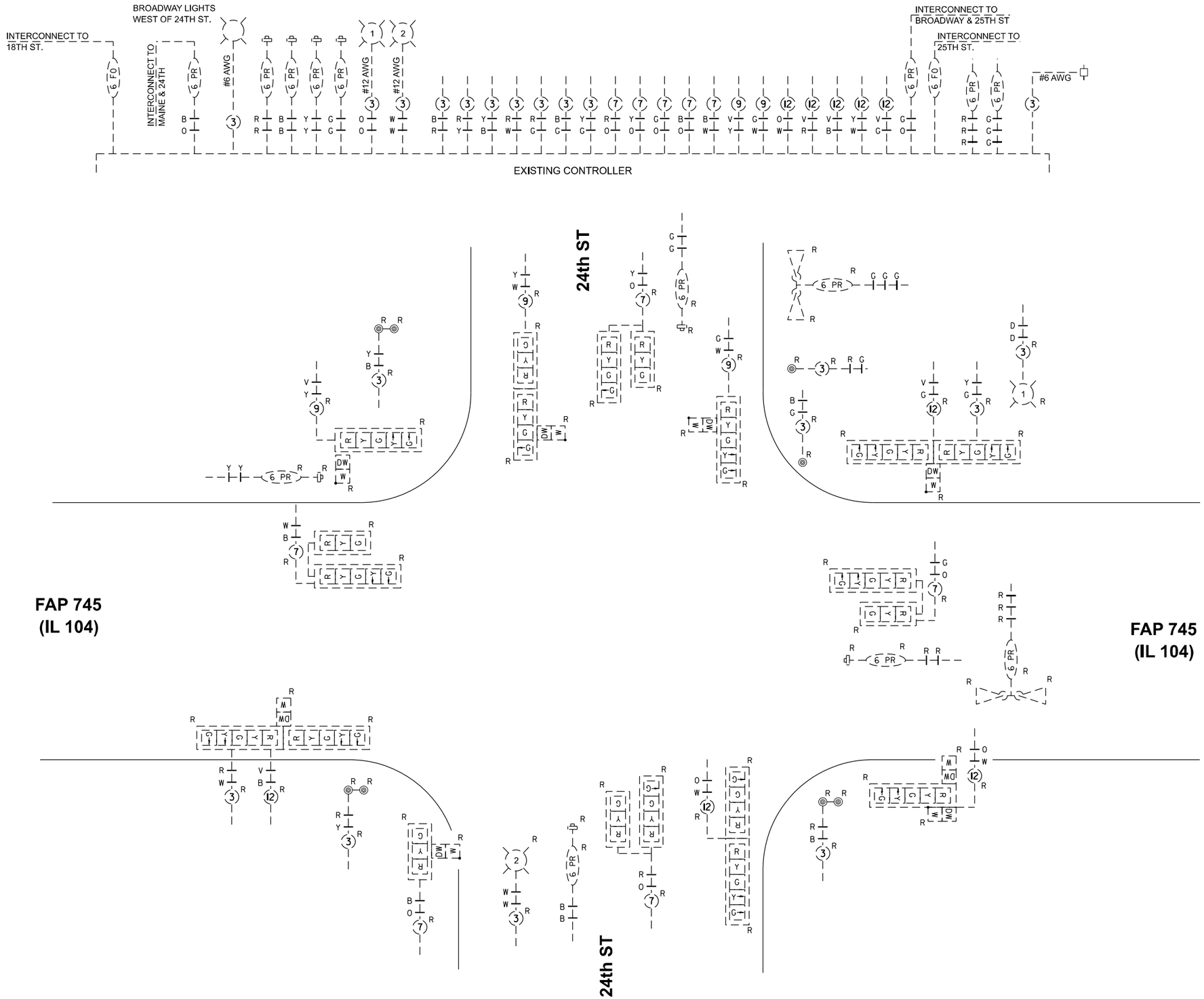
USER NAME = msmit	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 AND 24TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	102
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



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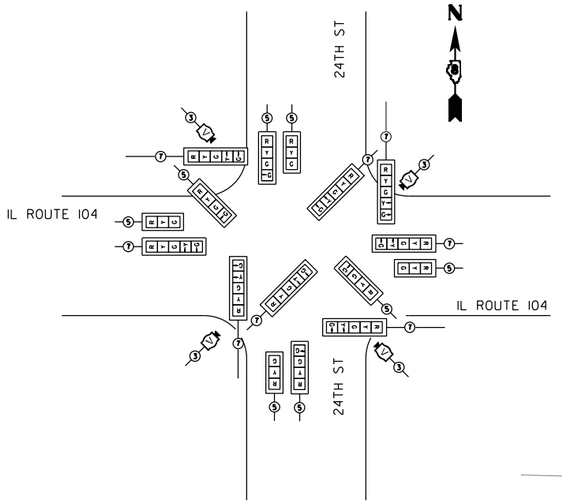
	DRAWN -	REVISED -	
PLOT SCALE = 0.166666 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

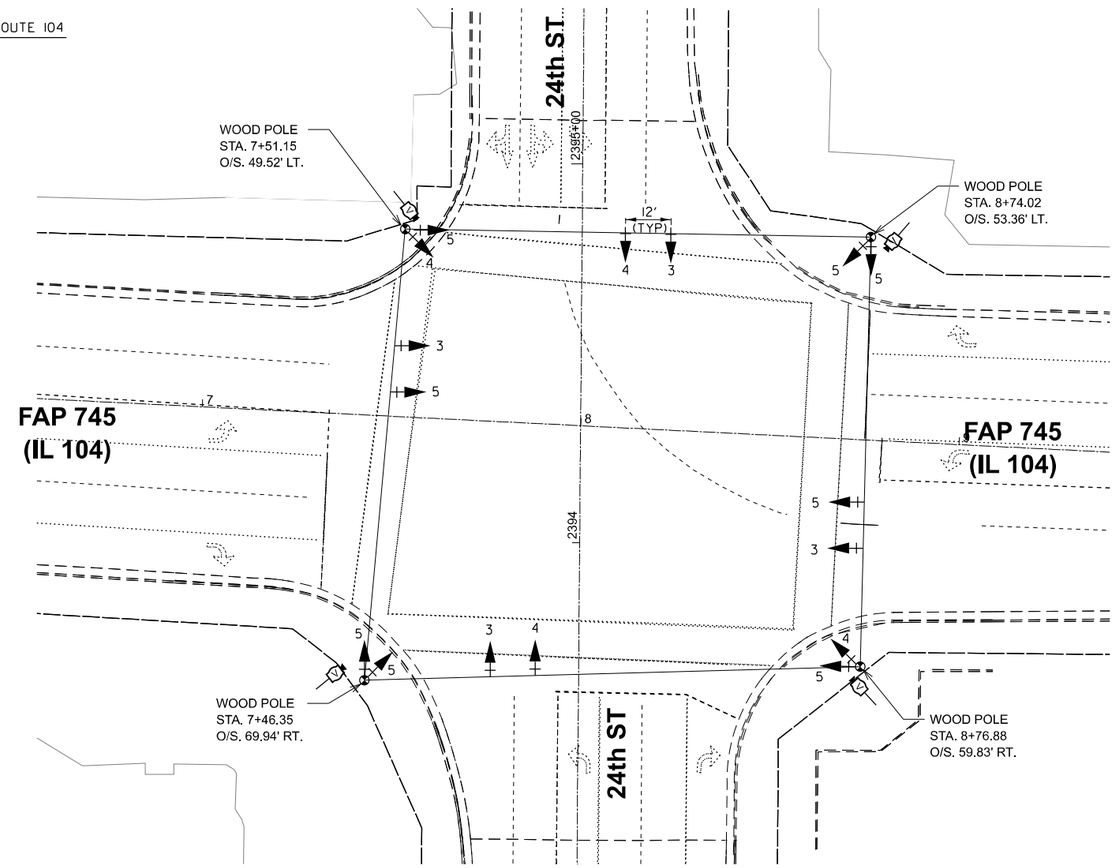
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

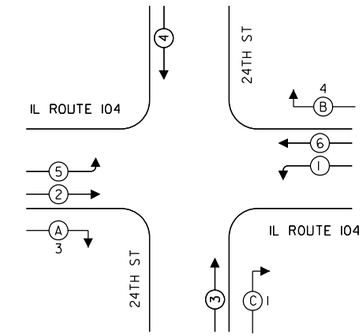
EXISTING TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 24TH STREET

SCALE: N.T.S | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	103
		CONTRACT NO. 72K42		
		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: TempTrafficSignalDet
FILE NAME: C:\Users\ggayt\Fuhrmann Engineering\Internal - Drive\Projects\FE\Jobs_2022\22-2016_PTB204-036_D6_VA_Klingner\WO-06\CADD\CADD Sheets\72K42-sht-4s-24th.dgn

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	DRAWN -	REVISED -	
PLOT SCALE = 0.166666 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
IL ROUTE 104 AND 24TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	104

CONTRACT NO. 72K42

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.

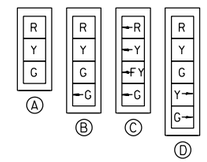
3. WHEN TRANSITIONING FROM EXISTING TO PROPOSED SIGNAL, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.

4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

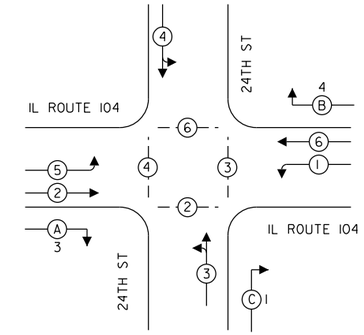
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

N

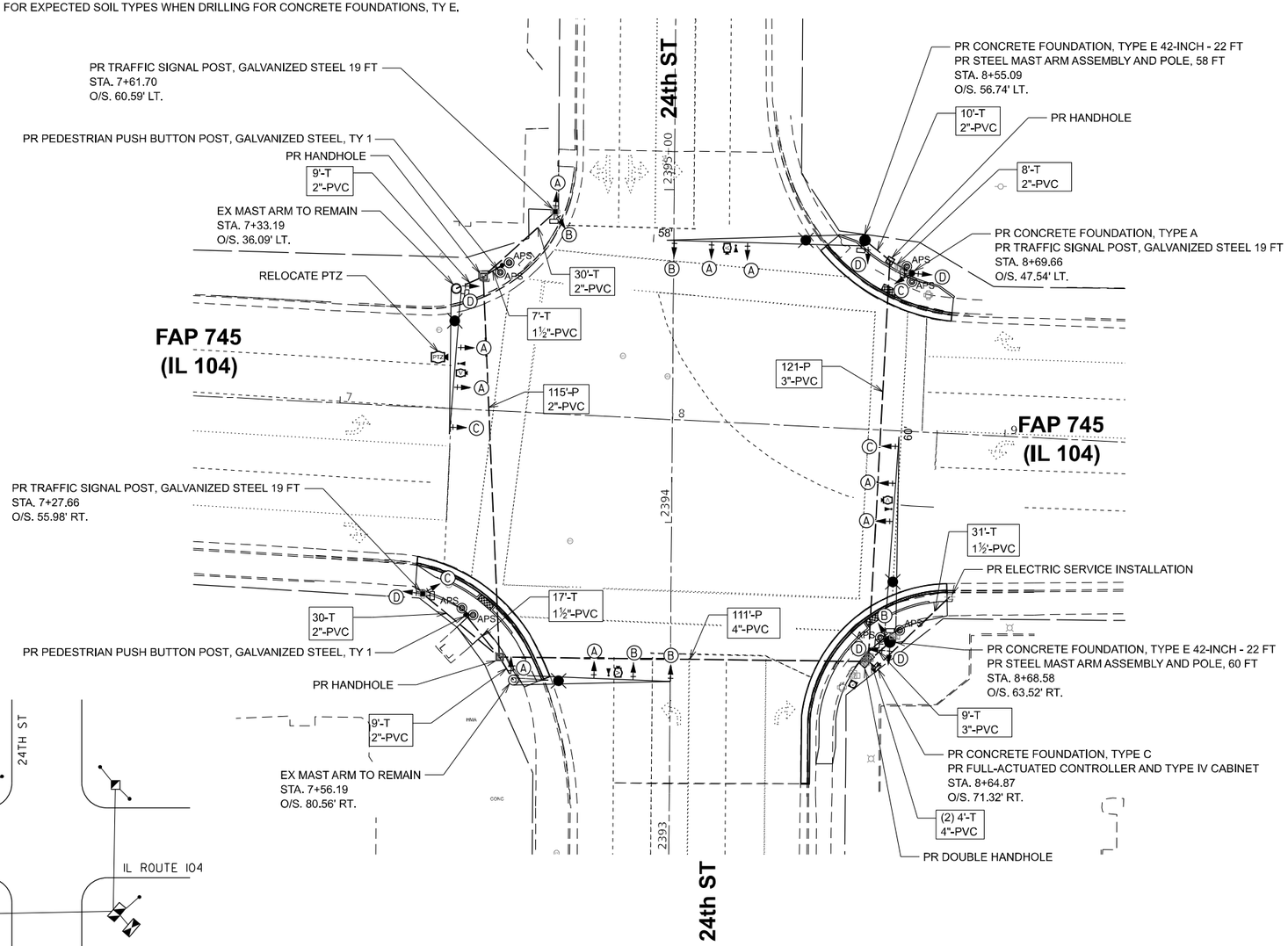
0 20 40
SCALE IN FEET

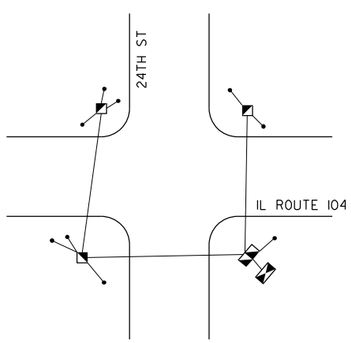


TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM





PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 24TH STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	55
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	211
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	130
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	119
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	794
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
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	1284
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1372
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2074
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	935
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	831
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1520
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	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	44
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
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	5
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	24
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	340
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	3087
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE AND FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY) IS MEASURED FROM THE 18TH STREET SIGNAL CABINET TO THE 24TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Site Plan
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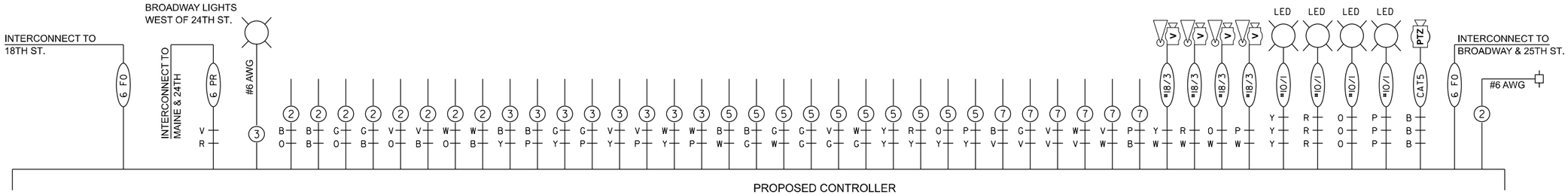
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

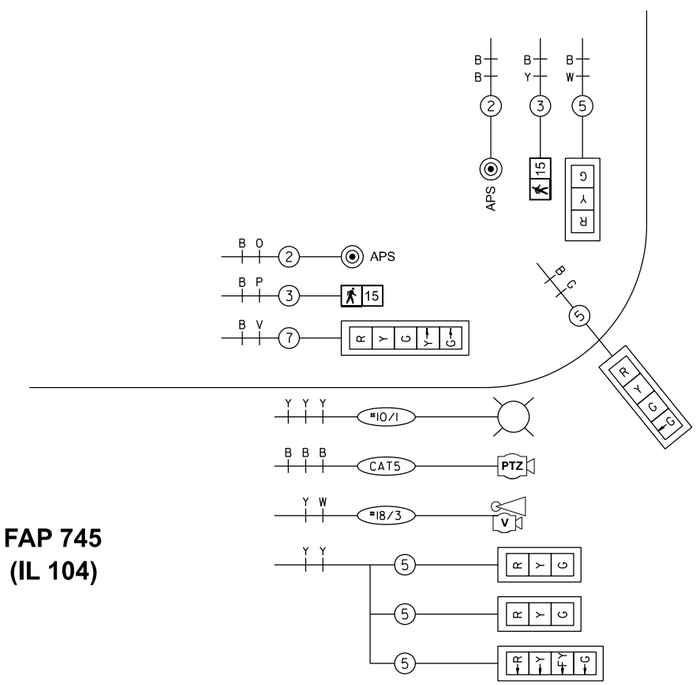
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

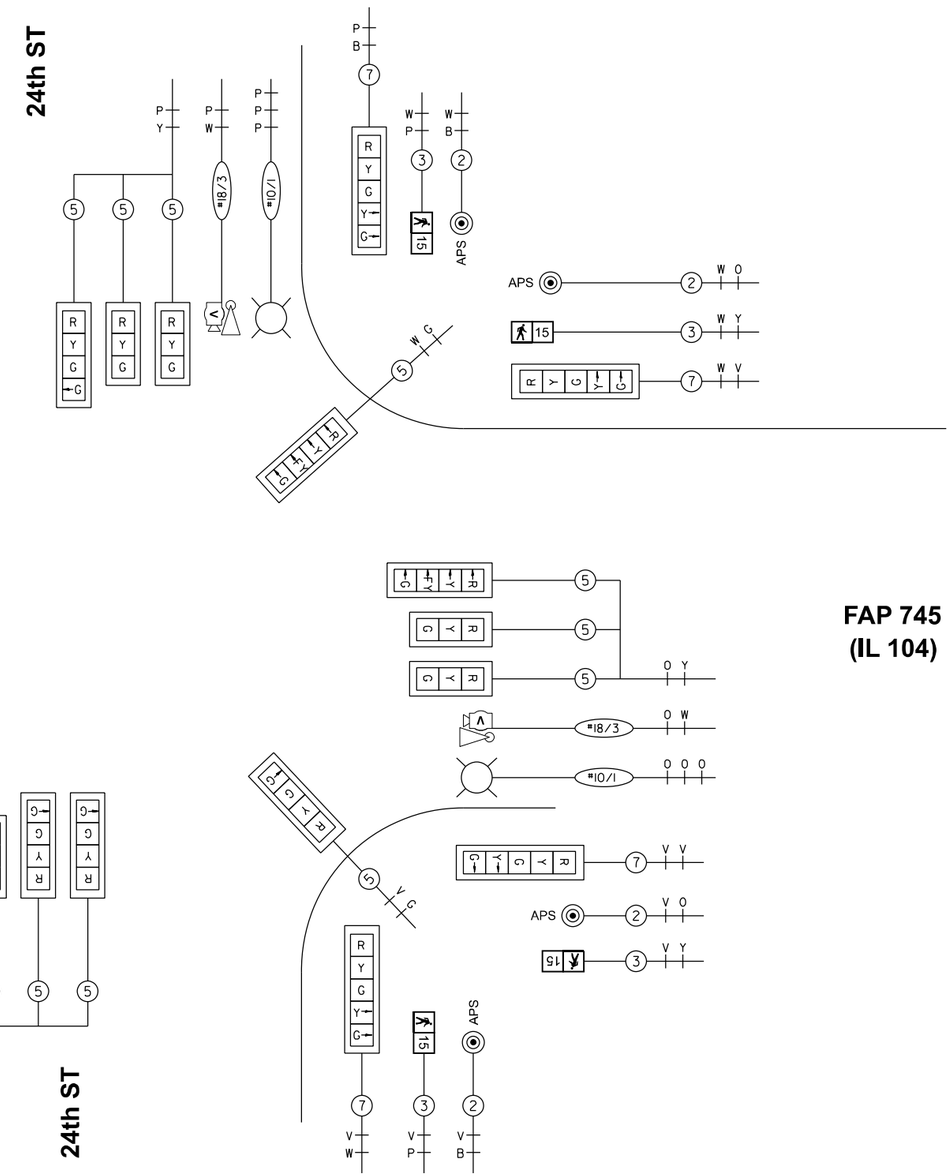
TRAFFIC SIGNAL REPLACEMENT PLAN
IL ROUTE 104 AND 24TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	105
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		







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	DRAWN -	REVISED -	
PLOT SCALE = 0.166666 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 24TH STREET

SCALE: N.T.S | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	106

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/22/23

ROUTE IL 104 (Broadway St) DESCRIPTION Boring at NE corner of 24th and Broadway LOGGED BY S. Burke

SECTION _____ LOCATION SW 1/4, SEC. 31, TWP. 1S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HMA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. 24-B-NE
Station 8+26
Offset 74.0ft LT
Ground Surface Elev. 634.8 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

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Moist SILTY CLAY LOAM cored thru 12"PCC					
			0		
		-5	1 3	0.8 B	20
	629.30				
Gray Wet SILT					
			0		
			2 1	0.2 B	32
			0		
V. Moist Silt to Silt Loam		-10	2 3	1.0 B	24
			0		
V. Moist Silt			0 3	0.6 B	27
	621.80				
Black Moist SILTY CLAY LOAM					
			0		
		-15	1 3	0.9 B	29
	619.30				
Tan and Gray Moist SILTY CLAY LOAM (TILL)					
			0		
			2 3	1.7 B	22
			1		
		-20	3 4	1.4 B	17
Tan and Gray Moist SILTY CLAY LOAM (TILL) *(continued)*					
			1		
			3 4	2.6 B	16
			1		
	609.80	-25	3 6	2.3 B	15
boring complete					
		-30			
		-35			
		-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\BRC\ADWAY FROM 24TH TO 38TH.GPJ Data Template D6TEMPLT.GDT Date Printed 3/5/24
Latitude Longitude Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/21/23

ROUTE IL 104 (Broadway St) DESCRIPTION Boring at SE corner of 24th and Broadway LOGGED BY S. Burke

SECTION _____ LOCATION SW 1/4, SEC. 31, TWP. 1S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HMA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. 24-B-SE
Station 8+80
Offset 39.0ft RT
Ground Surface Elev. 634.3 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

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Dry SILTY CLAY LOAM sample broken cored thru 11" PCC					
			1		
		-5	2 4	1.5 P	24
			1		
			2 4	0.6 B	25
			0		
Moist		-10	2 3	0.8 B	27
	623.80				
Lt Gray Moist SILT					
			0		
			1 3	0.5 B	23
			0		
		-15	2 2	0.5 B	24
	618.80				
Dk Gray Moist SILTY CLAY petroleum odor			0		
			0 2	0.8 B	21
			0		
Dk and Lt Gray Moist Silty Clay to Silty Clay Till	614.30	-20	4 6	1.5 B	19
Gray and Brown Moist SILTY CLAY (TILL)					
			0		
			3 5	3.3 S-15	17
			2		
Br and Gr		-25	6 12	4.2 S	15
			2		
	606.80		7 13	3.3 S-10	15
boring complete					
		-30			
		-35			
		-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\EROADWAY FROM 24TH TO 38TH.GPJ Data Template D6TEMPLT.GDT Date Printed 3/5/24
Latitude Longitude Datum NAD83 Job Number

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	DRAWN -	REVISED -	
PLOT SCALE = 0.166666 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 AND 24TH STREET

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	107

CONTRACT NO. 72K42
ILLINOIS FED. AID PROJECT

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

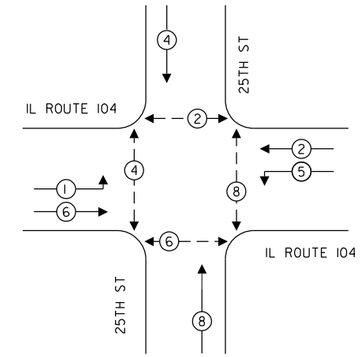
1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

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.

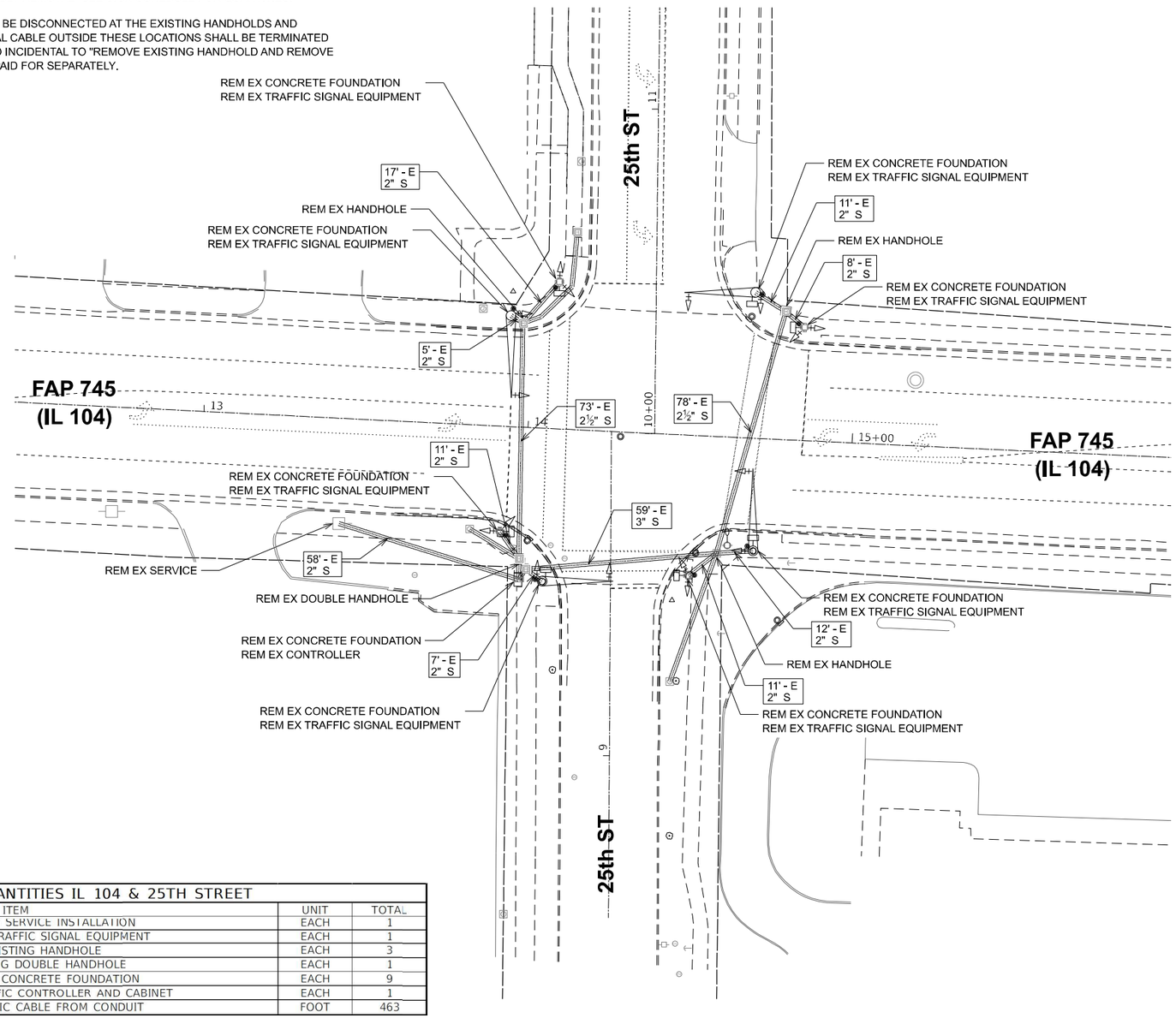
3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

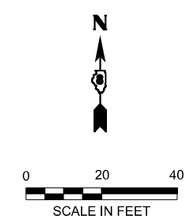
4. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE PAID FOR AS "SIGN PANEL REMOVAL AND SIGN ASSEMBLY REMOVAL" SEE SIGN SCHEDULE FOR QUANTITIES.

5. 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.



EXISTING PHASE DESIGNATION DIAGRAM





SCHEDULE OF QUANTITIES IL 104 & 25TH 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
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	463

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 24TH STREET SIGNAL CABINET TO THE 25TH STREET SIGNAL CABINET, SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Existing Site Plan
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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

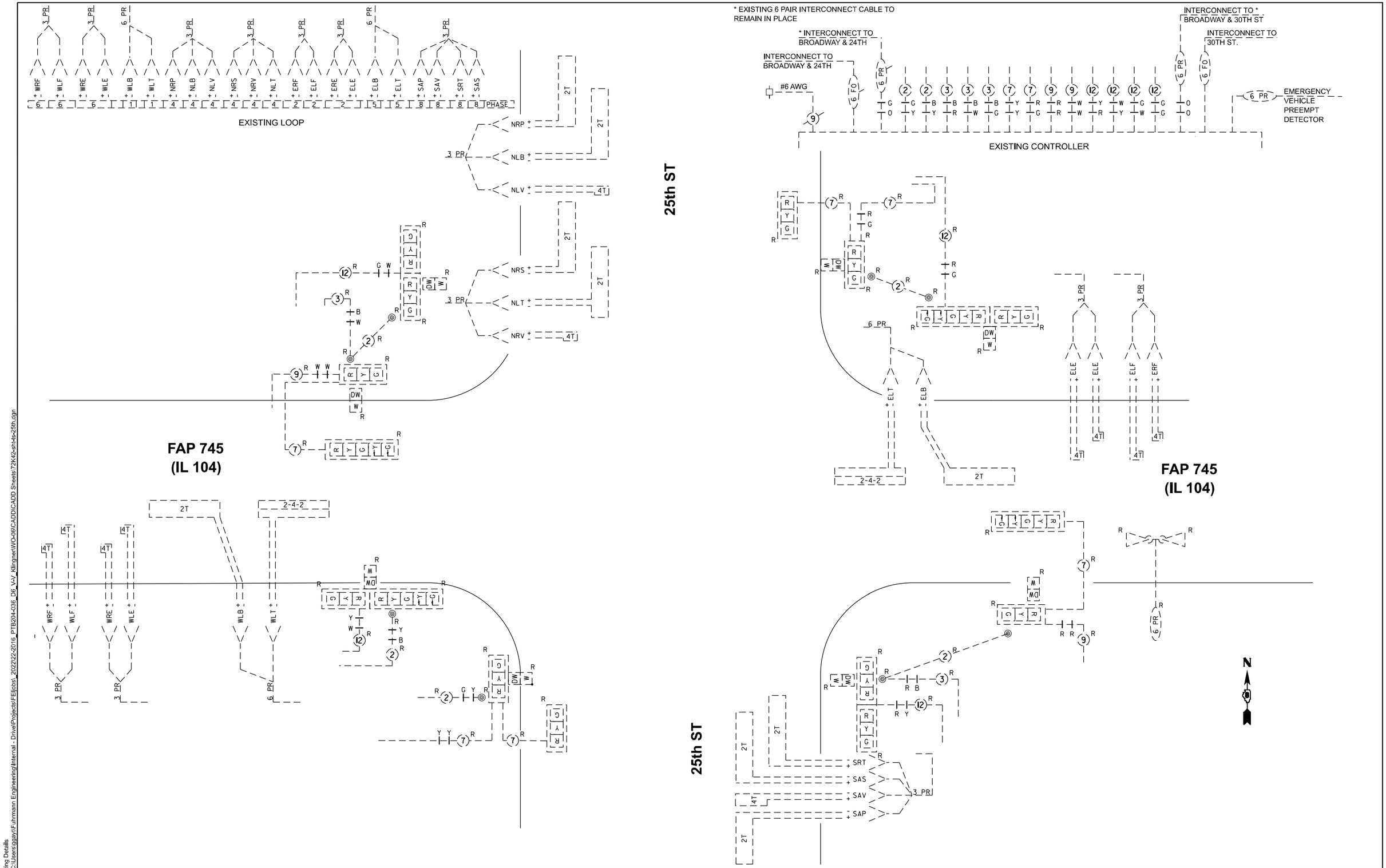
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 AND 25TH STREET

SCALE: 1" = 20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	108

CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT



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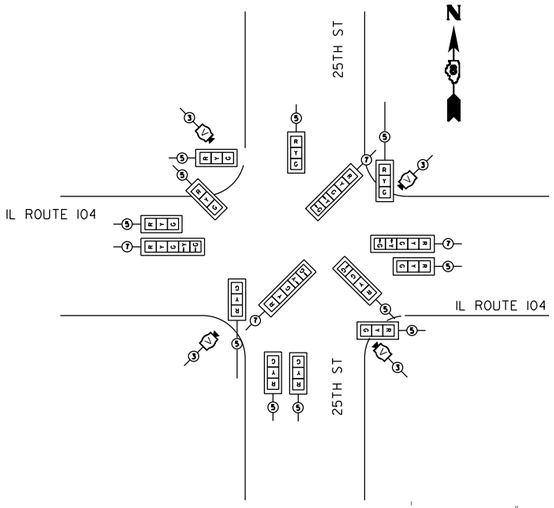
	PLOT DATE = 5/15/2025	DATE -	REVISED -

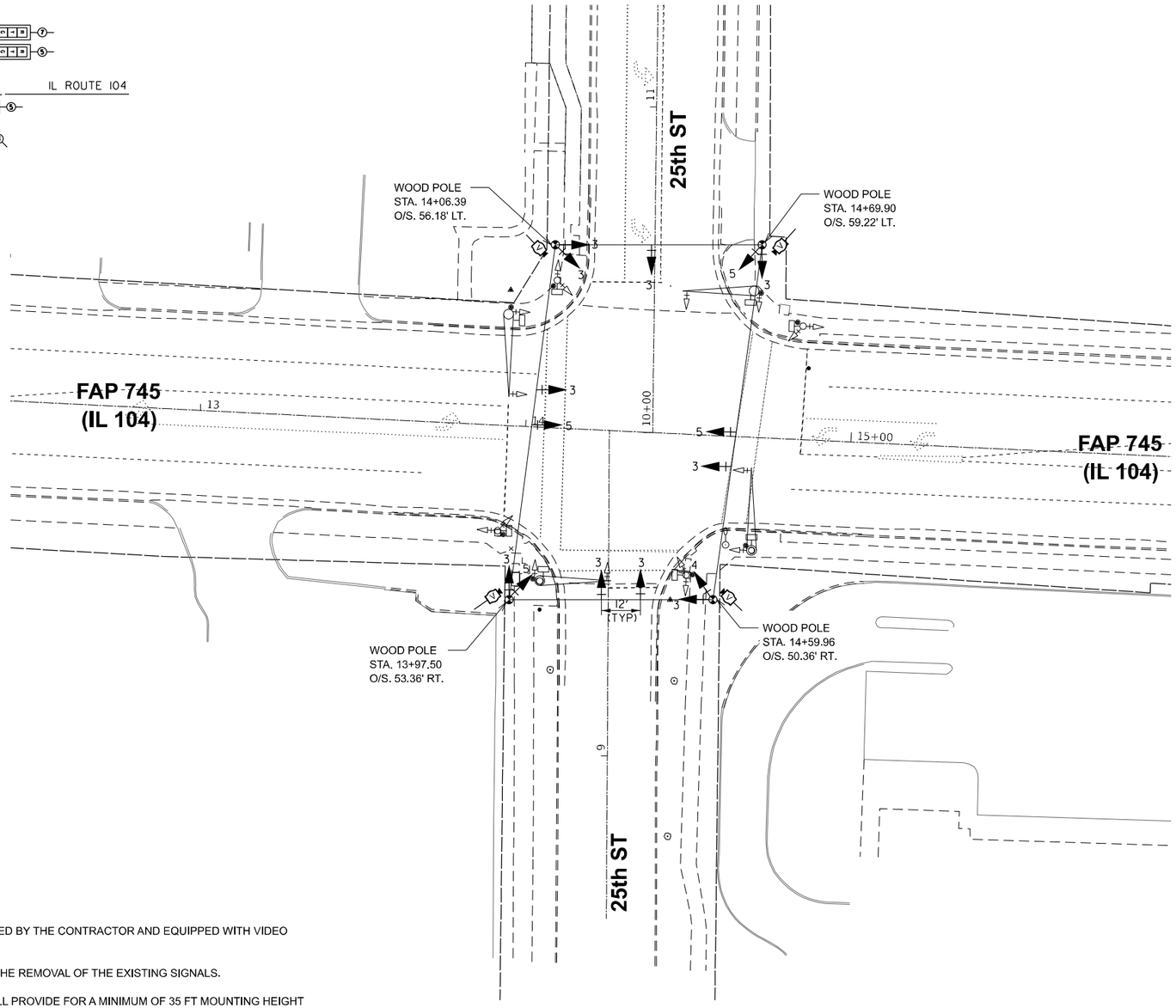
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

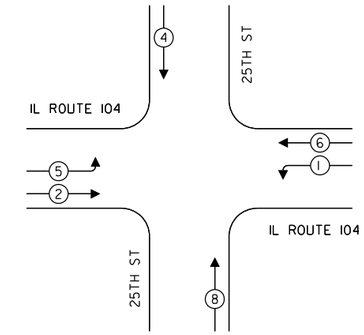
EXISTING TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 25TH STREET

SCALE: N.T.S. | SHEET 2 OF 6 SHEETS | STA. | TO STA.

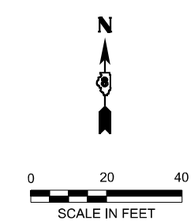
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	109
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	







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: Temp\TrafficSignalDet
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PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
IL ROUTE 104 AND 25TH STREET

SCALE: 1" = 20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	110

CONTRACT NO. 72K42

ILLINOIS FED. AID PROJECT

PROPOSED TRAFFIC SIGNAL NOTES

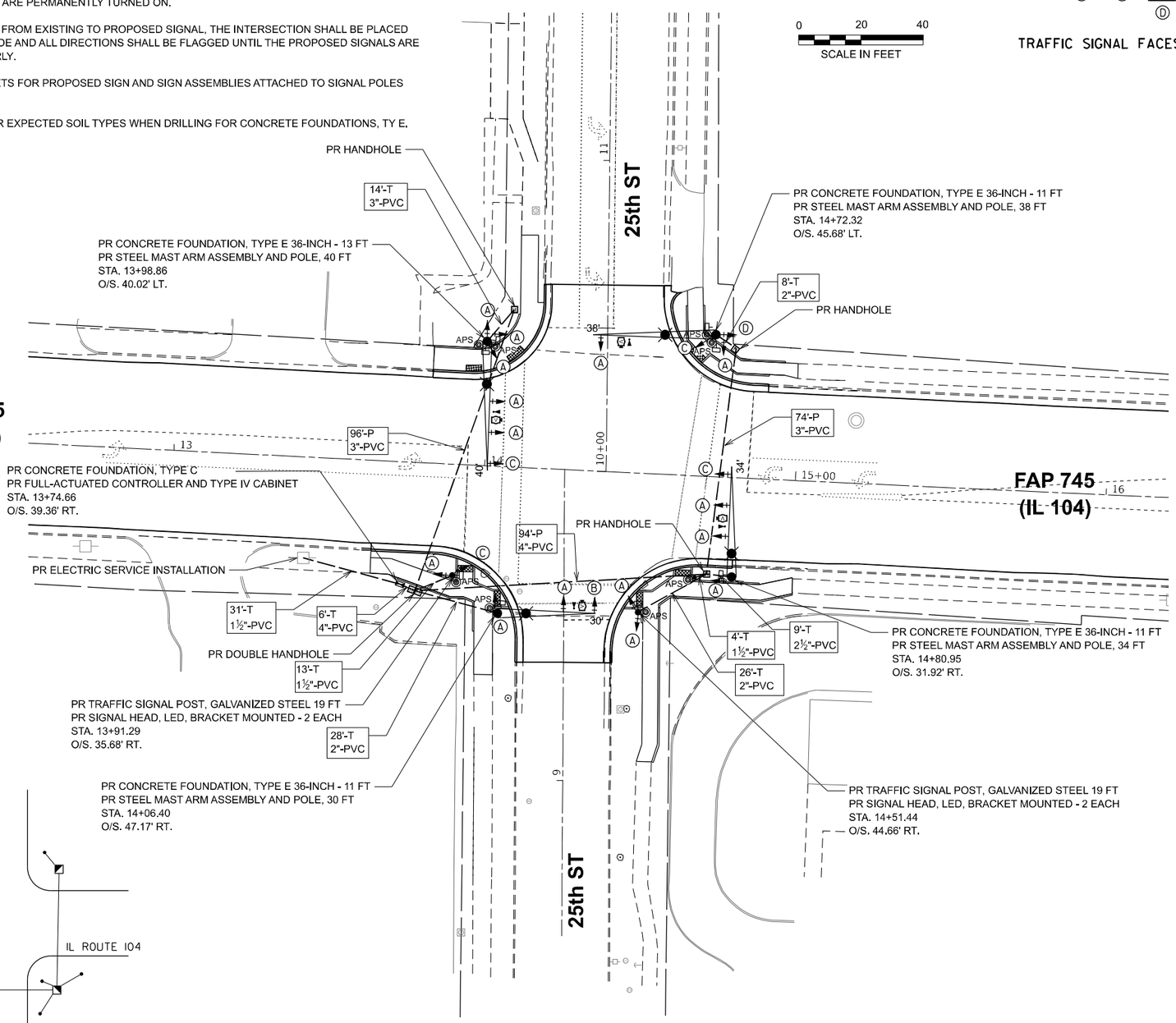
1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES 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".

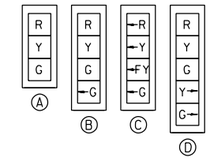
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

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.

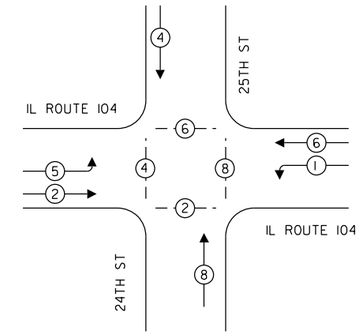
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

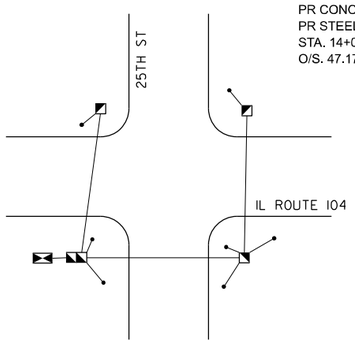




TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 25TH STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	48
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	62
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	9
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	184
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	100
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	729
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
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	1143
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1204
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2577
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	729
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	34
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	780
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	2
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
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	46
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
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	2
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	21
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	463
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE AND FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY) IS MEASURED FROM THE 24TH STREET SIGNAL CABINET TO THE 25TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Proposed Site Plan
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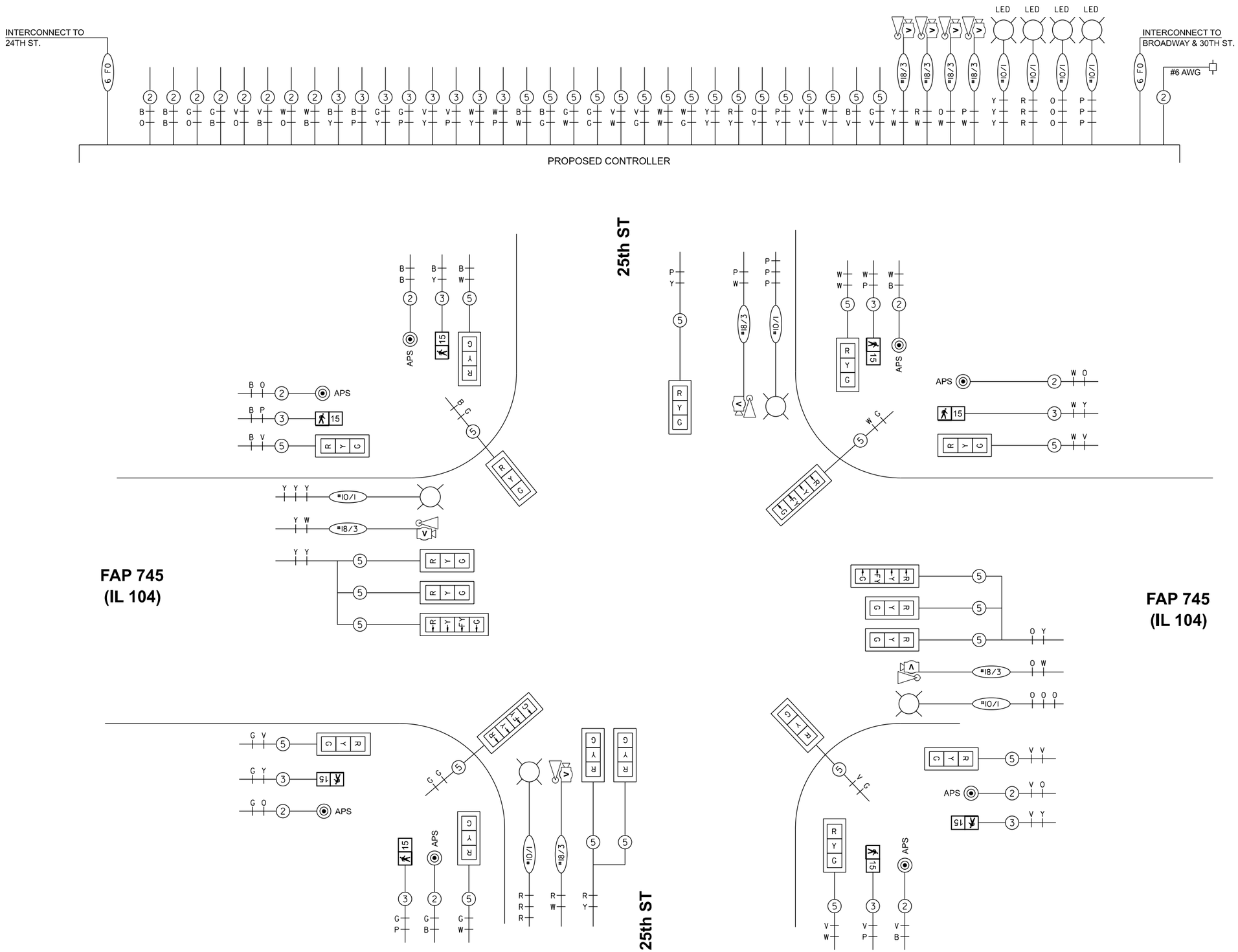
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REPLACEMENT PLAN
IL ROUTE 104 AND 25TH STREET

SCALE: 1" = 20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	111
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		



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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 25TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	112
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/22/23

ROUTE IL 104 (Broadway St) DESCRIPTION Boring at NE corner of 25th and Broadway LOGGED BY S. Burke

SECTION _____ LOCATION SW 1/4, SEC. 31, TWP. 1S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HMA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. 25-B-NE
Station 14+86
Offset 22.0ft LT
Ground Surface Elev. 642.2 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

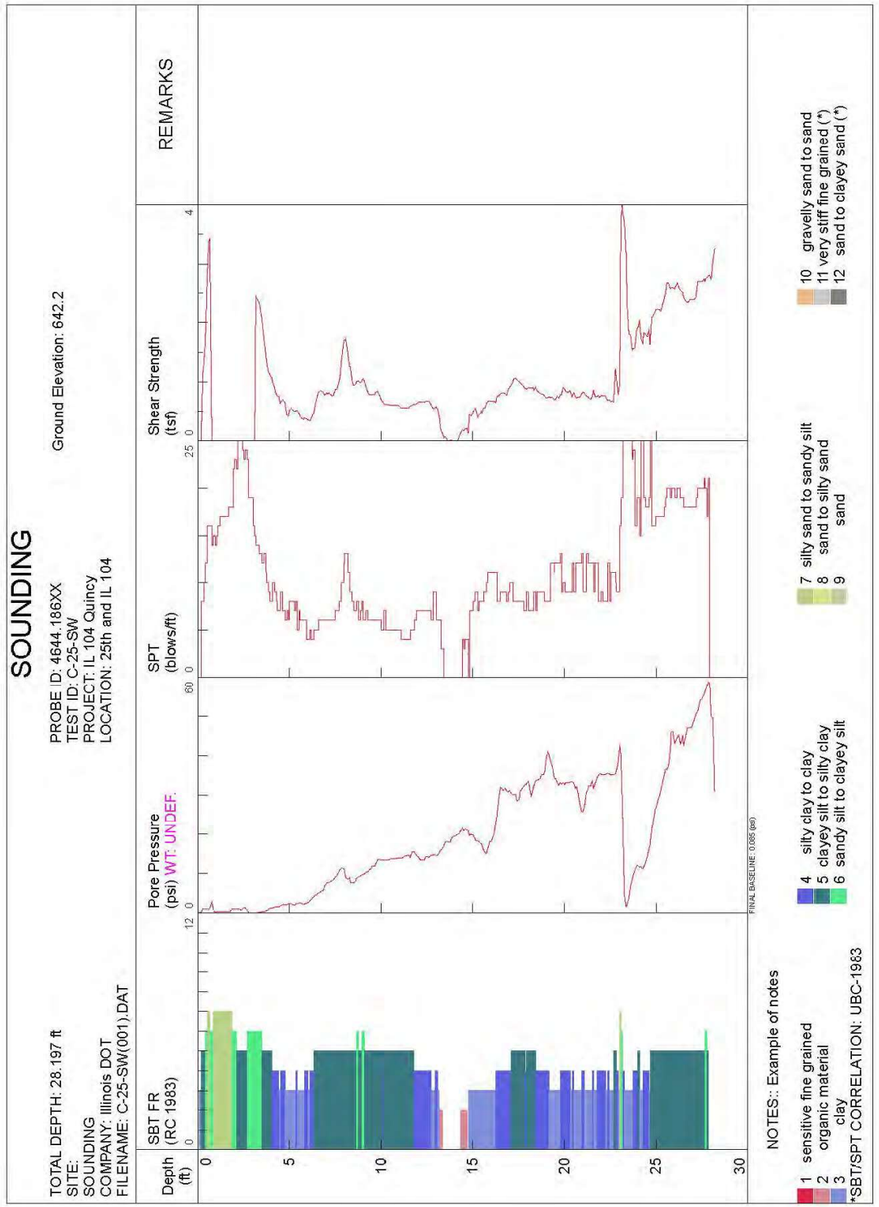
Groundwater Elev.:
First Encounter no encounter ft
Upon Completion plugged ft
After ____ Hrs. plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Moist SILTY CLAY cored thru 14" HMA/PCC					
			0		
		-5	2 3	1.7 B	25
			0		
Wet			2 2	0.2 B	31
	634.20				
Brown and Gray V. Moist SILTY CLAY LOAM			0		
		-10	1 2	0.6 B	20
	631.70				
Brown and Gray Moist CLAY LOAM (TILL)			0		
			2 4	1.7 B	22
			1		
		-15	3 4	2.2 B	16
			0		
Brown			3 3	1.9 B	16
			1		
		-20	3 5	2.5 B	15

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist CLAY LOAM (TILL) *(continued)*			1		
			3 7	4.5 B	15
			1		
rock lodged in sampler			5 12	4.3 B	15
	617.20	-25			
boring complete					
		-30			
		-35			
		-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:\SOILSIGINT 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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PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 AND 25TH STREET

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	113
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

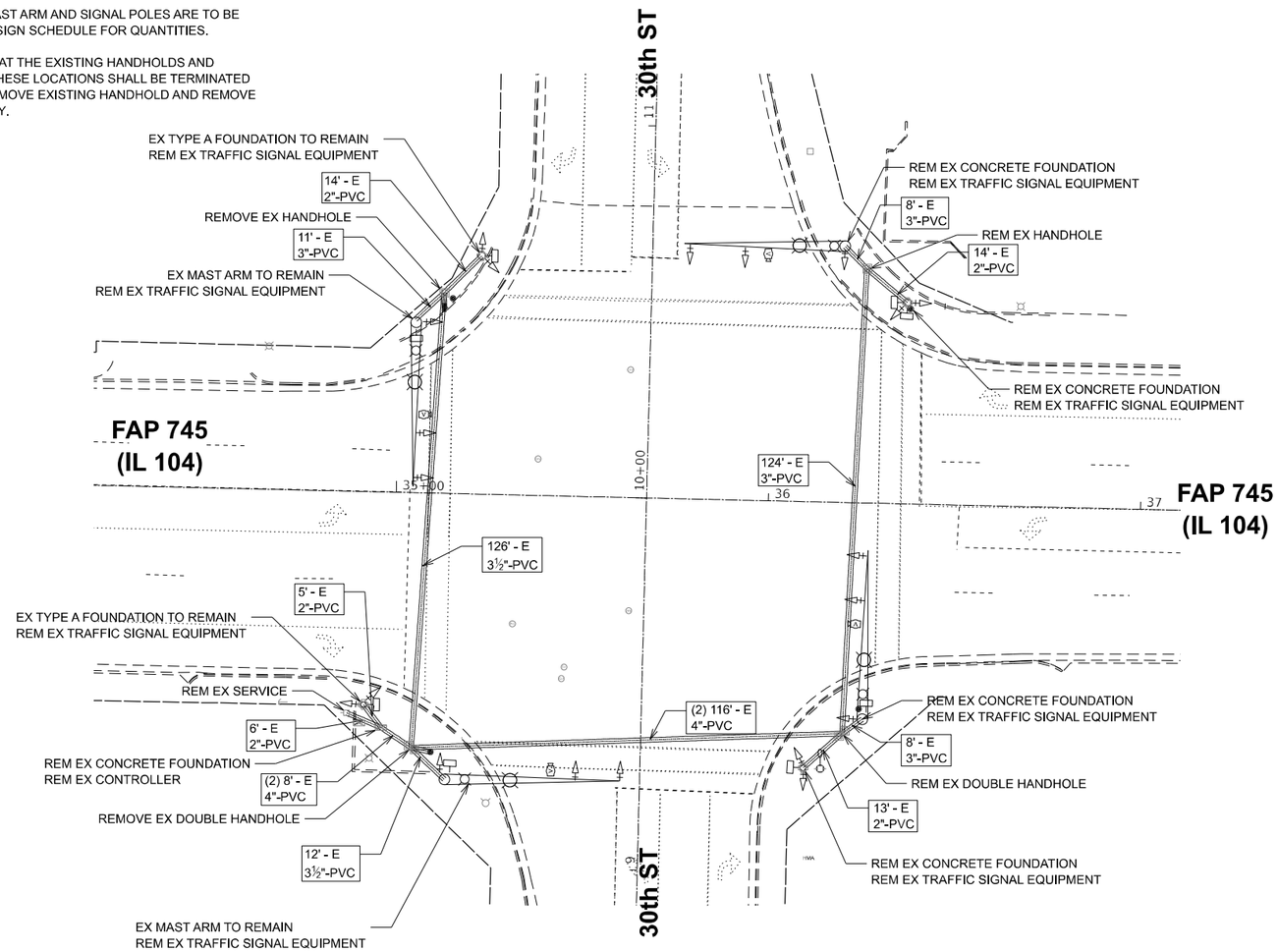
1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

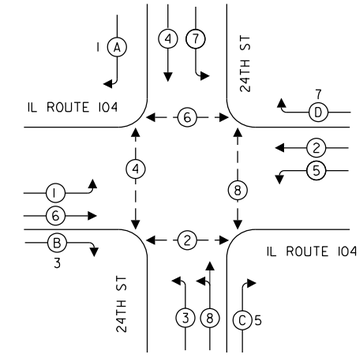
2. THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

4. 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.

5. 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.





EXISTING PHASE DESIGNATION DIAGRAM

SCHEDULE OF QUANTITIES IL 104 AND 30TH STREET			
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	2
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	2156

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 25TH STREET SIGNAL CABINET TO THE 30TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

N

0 20 40
SCALE IN FEET

MODEL: Exist Site Plan
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	DRAWN -	REVISED -	
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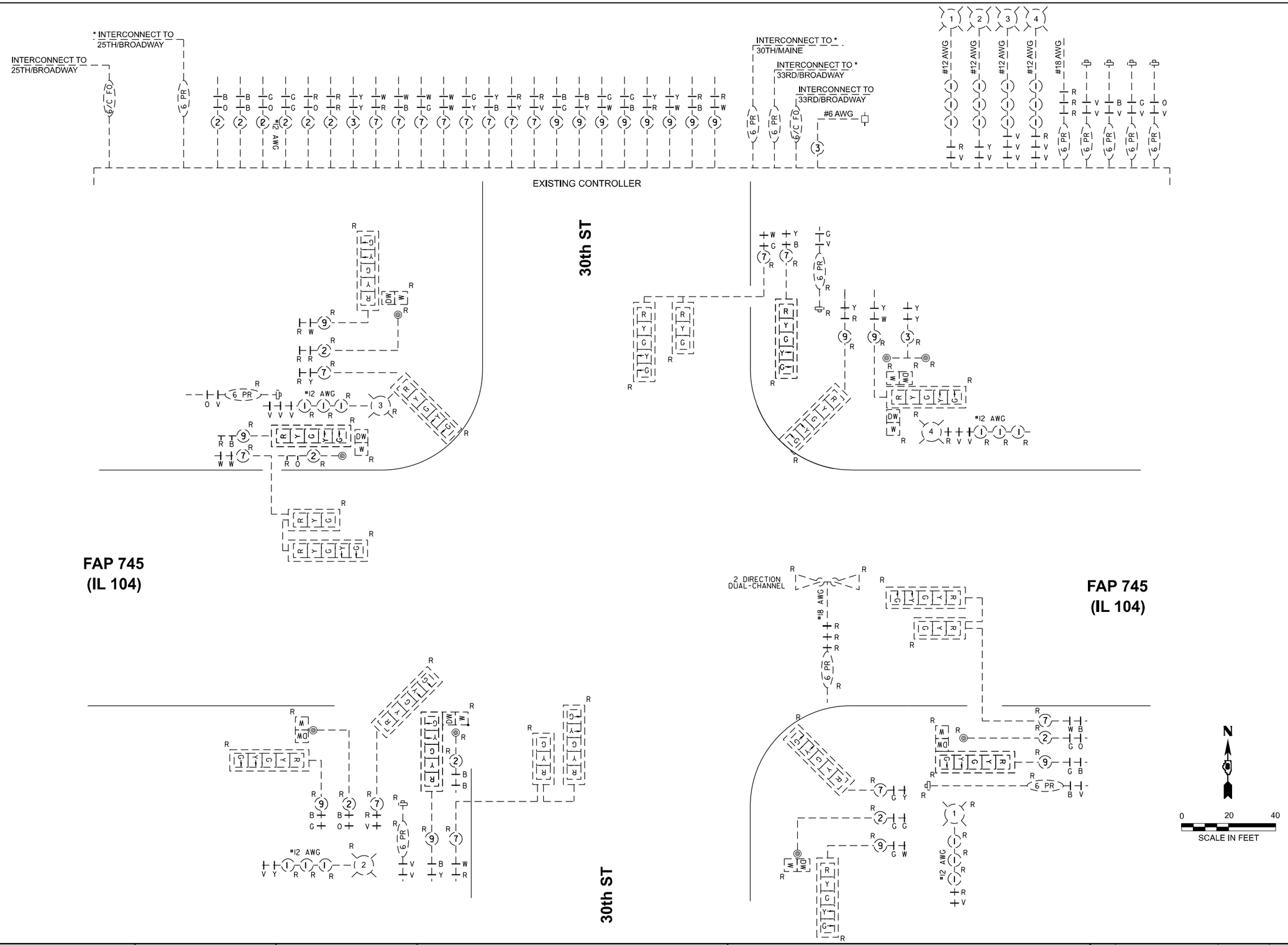
PLOT DATE = 5/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 AND 30TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	114
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		



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PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 30TH STREET

SCALE: N.T.S | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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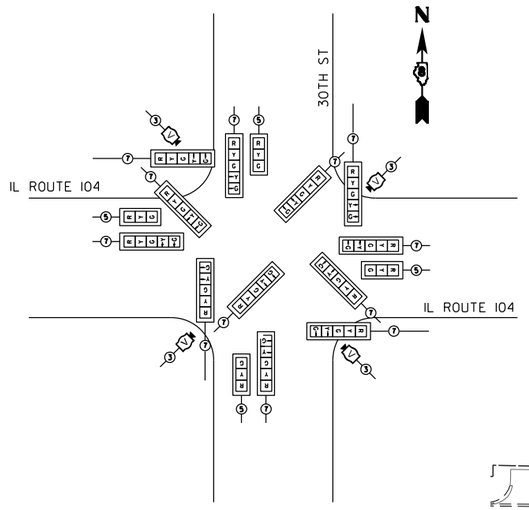
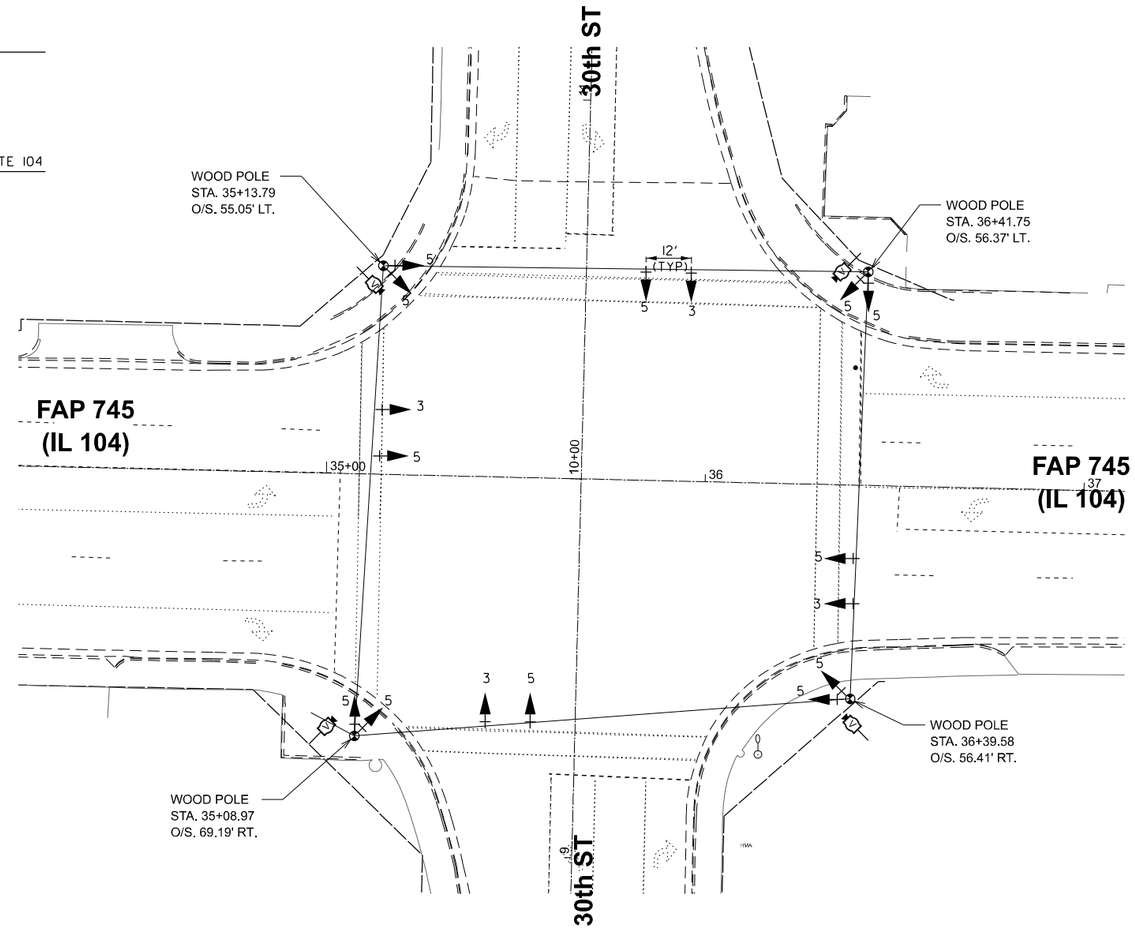
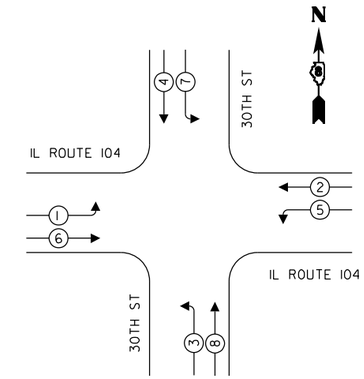
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		







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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
IL ROUTE 104 AND 30TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	116

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

PROPOSED TRAFFIC SIGNAL NOTES

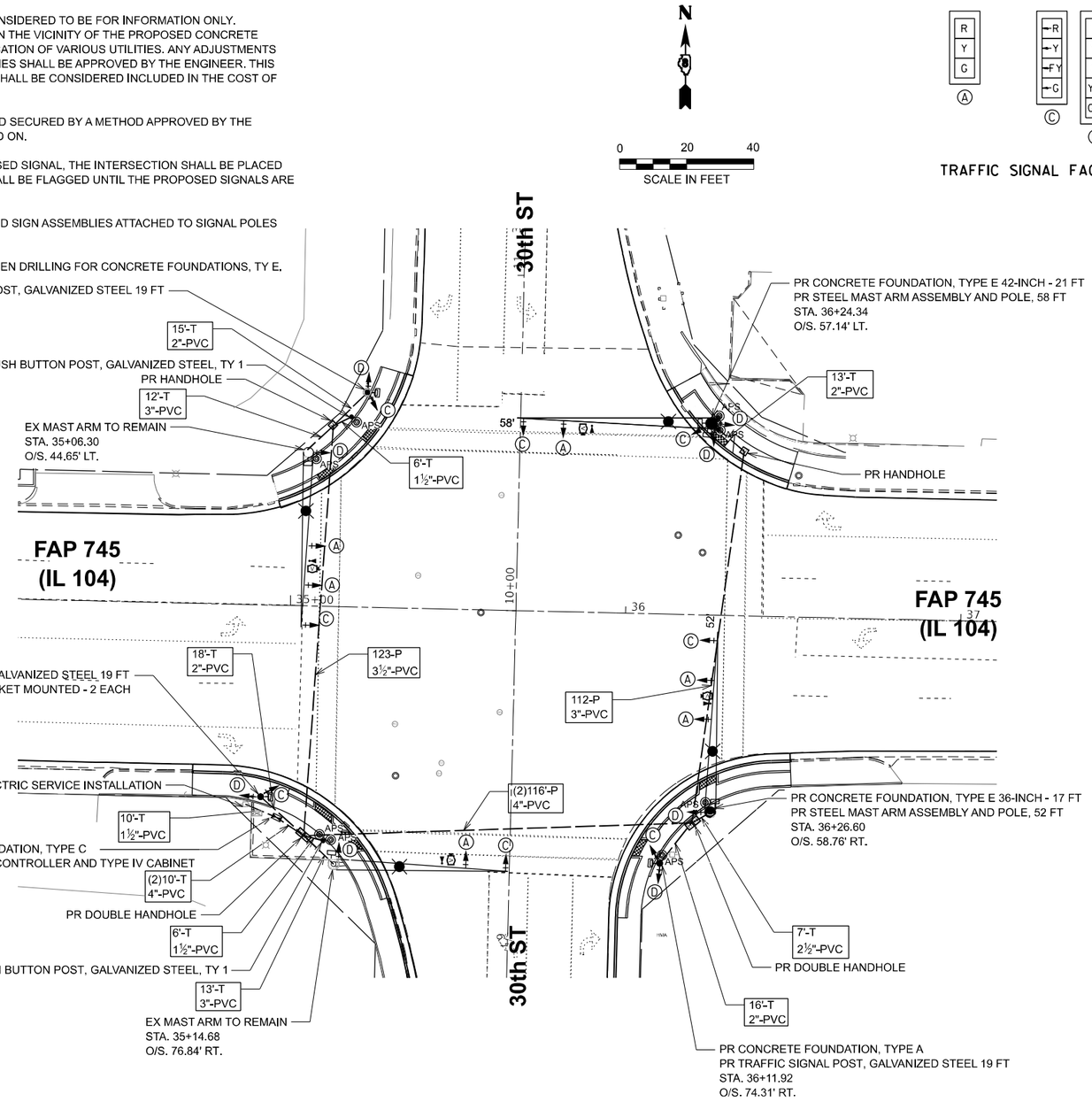
1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES 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".

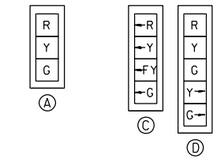
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

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.

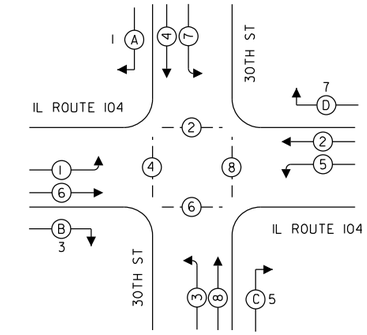
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS.

5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

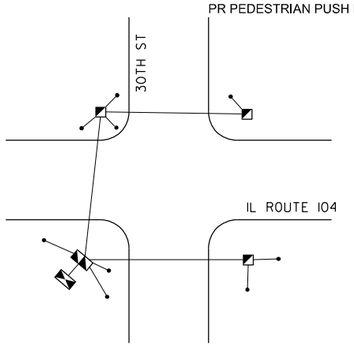




TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM



PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 AND 30TH STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	22
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	62
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	7
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	137
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	123
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	252
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	848
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
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	1378
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1424
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1697
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1457
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	900
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	13
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1140
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 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	17
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
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	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	22
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2156
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE AND FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY) IS MEASURED FROM THE 25TH STREET SIGNAL CABINET TO THE 30TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

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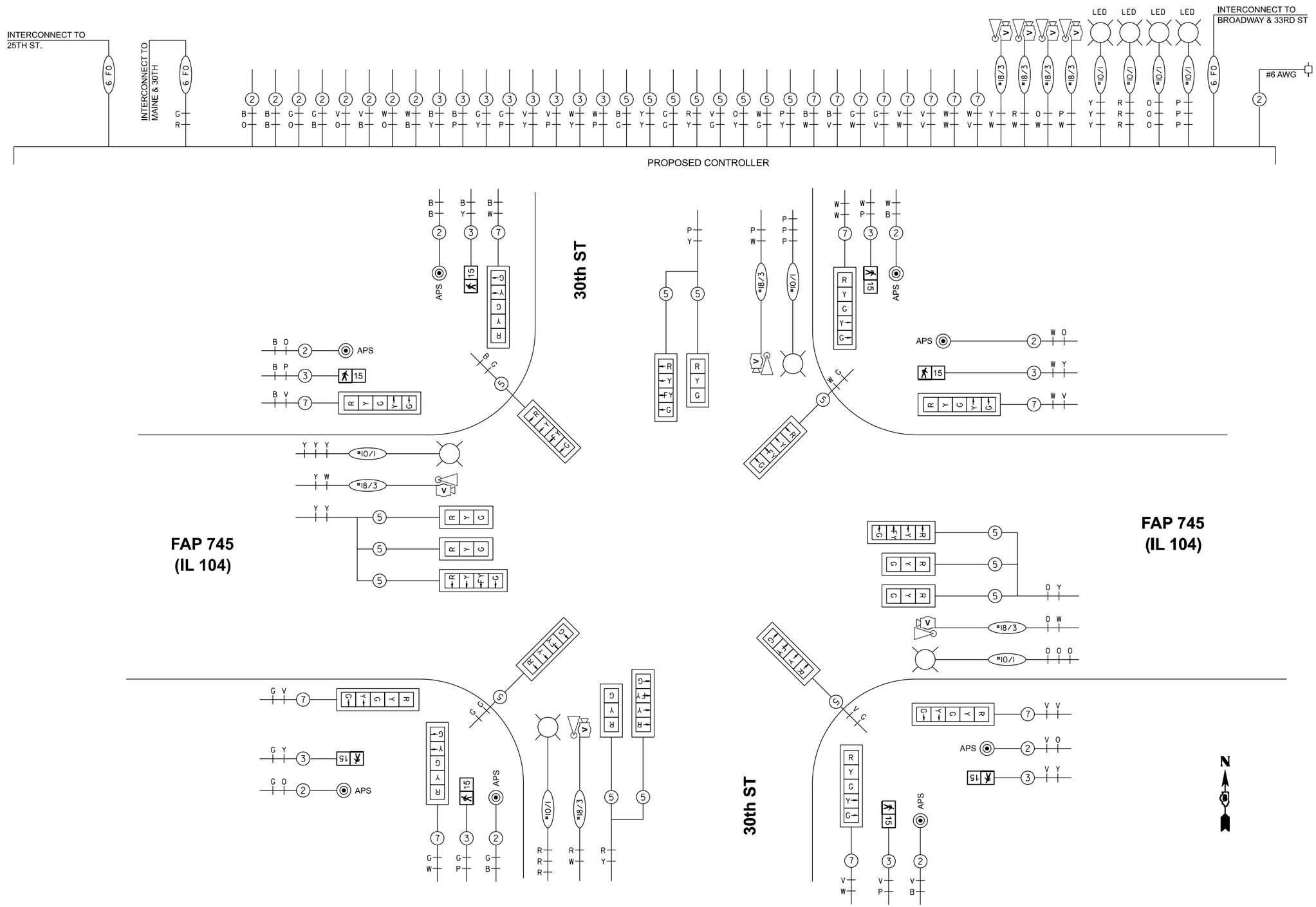
PLOT DATE = 5/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REPLACEMENT PLAN
IL ROUTE 104 AND 30TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	117
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		



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PLOT DATE = 5/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 30TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	118

CONTRACT NO. 72K42

ILLINOIS FED. AID PROJECT

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 1/19/05

ROUTE FAP 745 IL 104 DESCRIPTION Traffic Signal at Northwest Corner of 30th and Broadway, Quincy LOGGED BY M. Tappan

SECTION 103RS-11 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY Adams DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. N/A
Station N/A

BORING NO. 1
Station 35+10
Offset 40.0ft Rt
Ground Surface Elev. 657.4 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 653.9 ft
Upon Completion 653.9 ft
After ____ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Light Grey Moist Fine Grained Very Silty Limestone SAND			1		
			7 8		11
			0		
Wet Free Water			1 2		15
		-5			
			0		
Sampler Advanced by Weight of Hammer			0 0		15
			0		
Sampler Advanced by Weight of Pipe Poor Recovery			0 0		18
		-10			
			0		
Sampler Advanced by Weight of Pipe			0 0		17
	644.90				
Grey and Brown Moist Weathered CLAY (Till)			1		
			4 8	2.8 B	16
	642.40	-15			
Brown Moist CLAY LOAM (Till)			1		
			2 4	1.4 B	17
			2		
			5 10	3.1 B	13
		-20			

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Moist CLAY LOAM (Till) *(continued)*			2		
			5 12	5.5 B	14
			2		
			7 13	6.0 B	16
		-25			
			2		
			5 10	5.1 B	15
	630.40				
		-30			
		-35			
		-40			

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Latitude 39 Deg 56.116 N Longitude 91 Deg 22.068 W Datum NAD83 Job Number

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)

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/26/23

ROUTE IL 104 (Broadway St) DESCRIPTION Boring at NE corner of 30th and Broadway LOGGED BY S. Burke

SECTION ____ LOCATION SW 1/2, SEC. 31, TWP. 1S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HMA HAMMER TYPE 140# Auto

STRUCT. NO. ____
Station ____

BORING NO. 30-B-NE
Station 36+39
Offset 31.0ft LT
Ground Surface Elev. 655.5 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

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Tan and Lt Gray V. Moist SILT cored thru 14" HMA/PCC					
			WOH 2	0.2 B	31
	650.50	-5			
Tan and Gray Moist SILTY CLAY			0		
			1 3	1.1 B	27
			0		
Tan			2 3	1.0 B	22
		-10			
			0		
			2 3	1.4 B	22
	642.50				
Tan Moist SILTY CLAY LOAM			1		
			4 5	2.4 B	20
	640.00	-15			
Tan Moist SILTY CLAY LOAM (TILL)			1		
			5 7	2.9 B	15
			2		
			7 13	5.4 B	13
		-20			

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Tan Moist SILTY CLAY LOAM (TILL) *(continued)*			1		
			7 13	6.6 B	14
			2		
			8 12	6.2 B	27
	630.50	-25			
boring complete					
		-30			
		-35			
		-40			

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Latitude Longitude Datum NAD83 Job Number

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)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 AND 30TH STREET

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	119

CONTRACT NO. 72K42
ILLINOIS FED. AID PROJECT

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

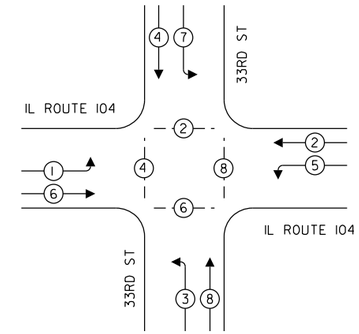
1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

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. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

4. 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.

5. 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.



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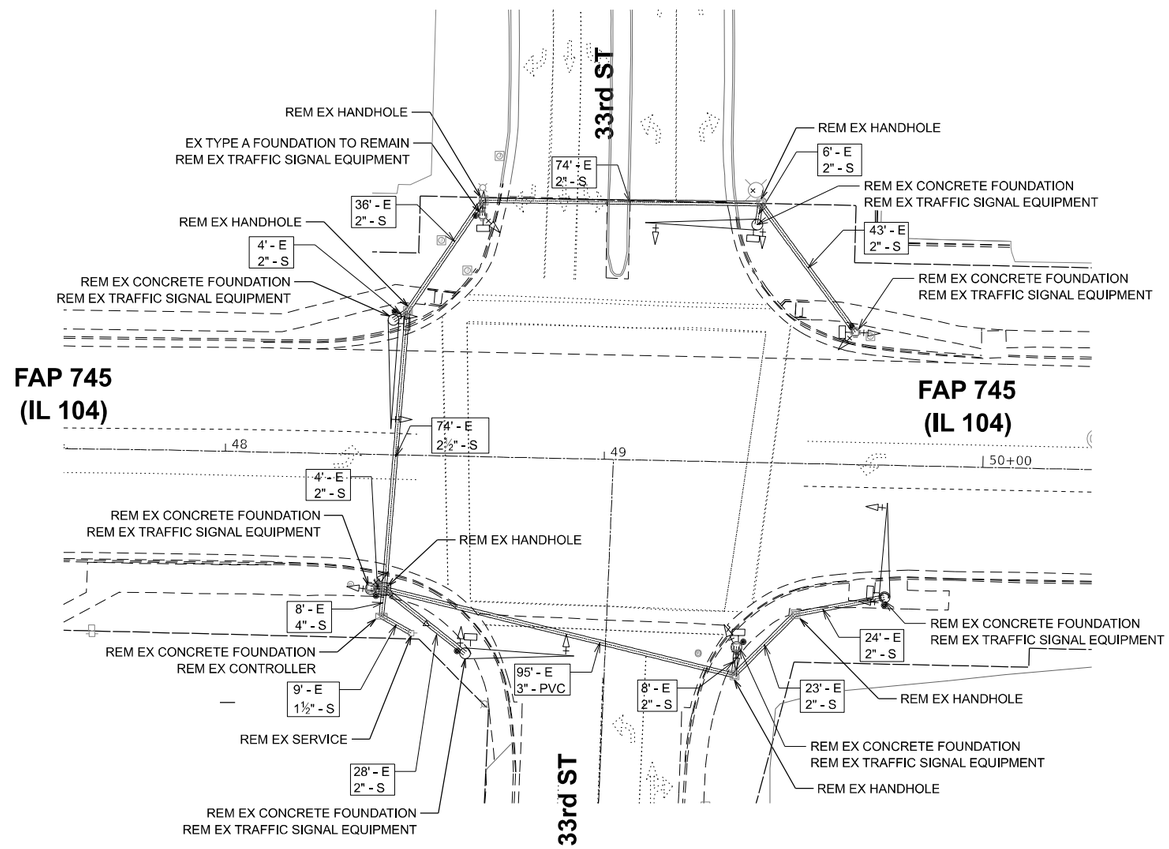

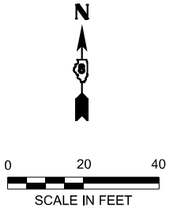

SCHEDULE OF QUANTITIES IL 104 & 33RD STREET			
CODE	ITEM	UNIT	TOTAL
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	6
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1342

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 30TH STREET SIGNAL CABINET TO THE 33RD STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Exist Site Plan
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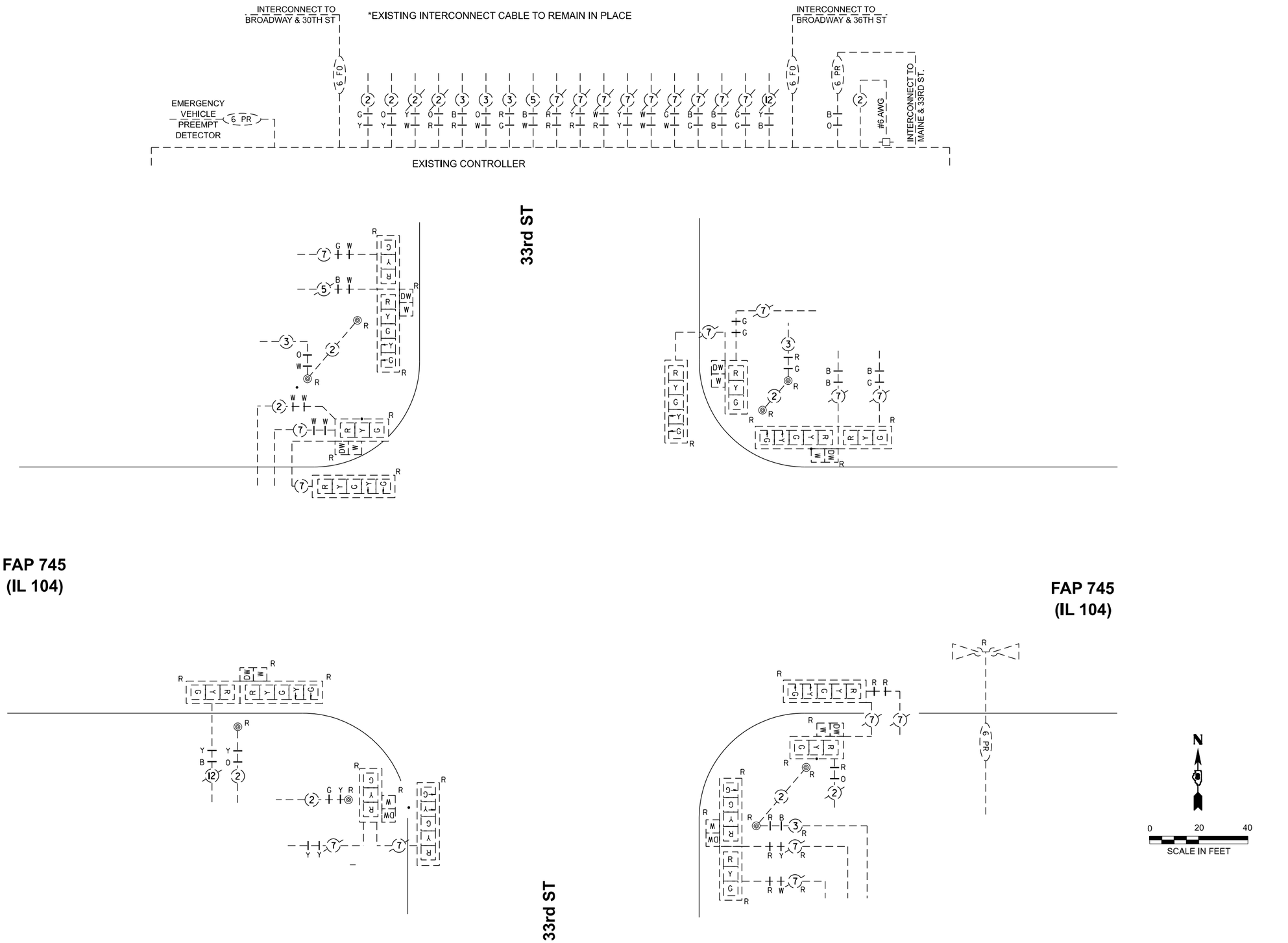
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 AND 33RD STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	120
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



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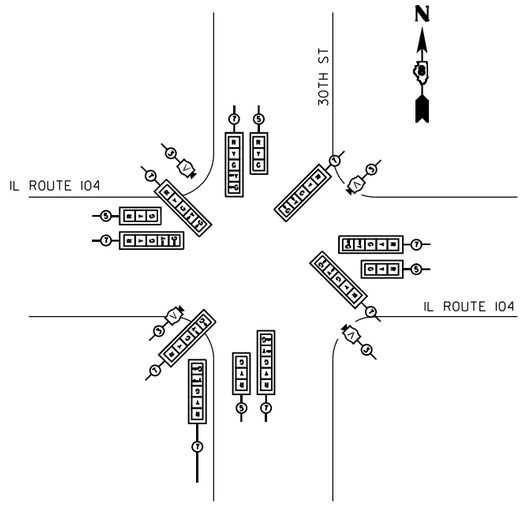
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

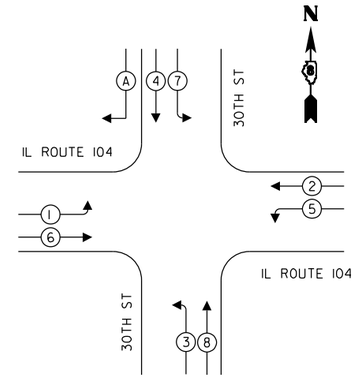
EXISTING TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 33RD STREET

SCALE: N.T.S | SHEET 2 OF 6 SHEETS | STA. | TO STA.

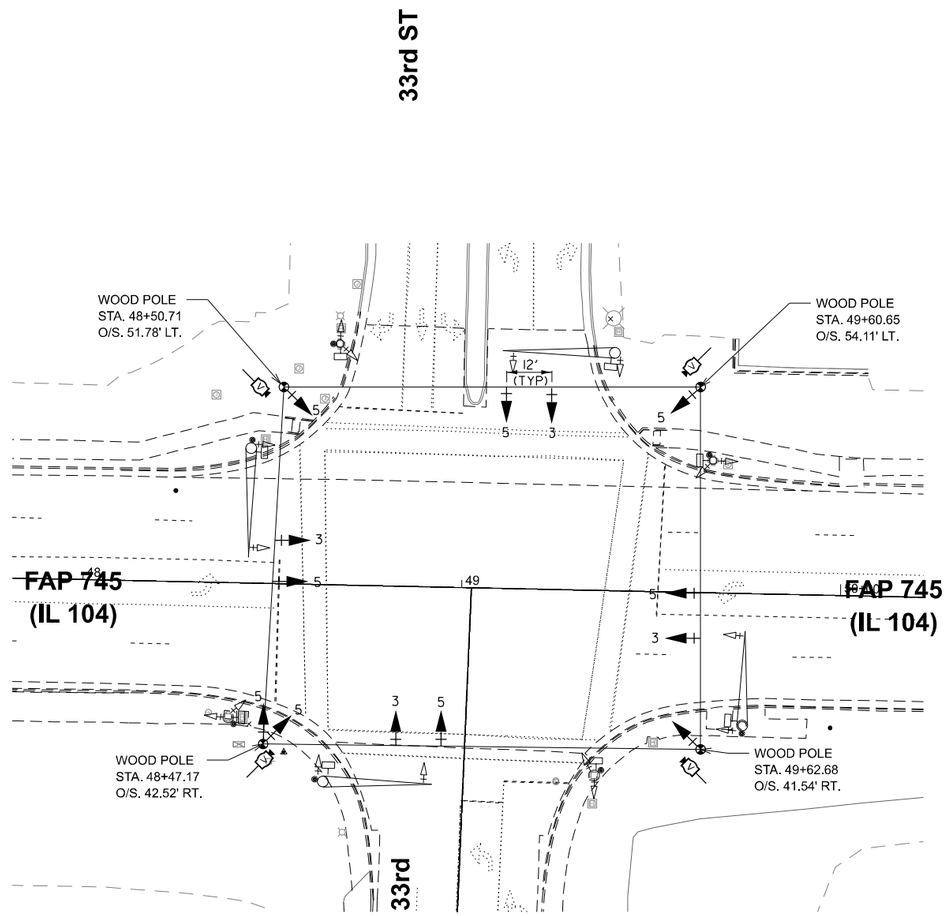
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	121

CONTRACT NO. 72K42
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

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USER NAME = ggayt	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

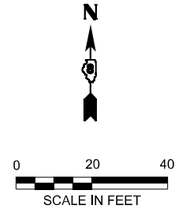
TEMPORARY SIGNAL PLAN
IL ROUTE 104 AND 33RD STREET

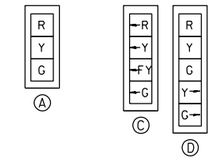
SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	122
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

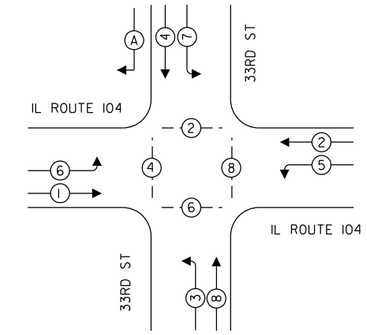
PROPOSED TRAFFIC SIGNAL NOTES

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.

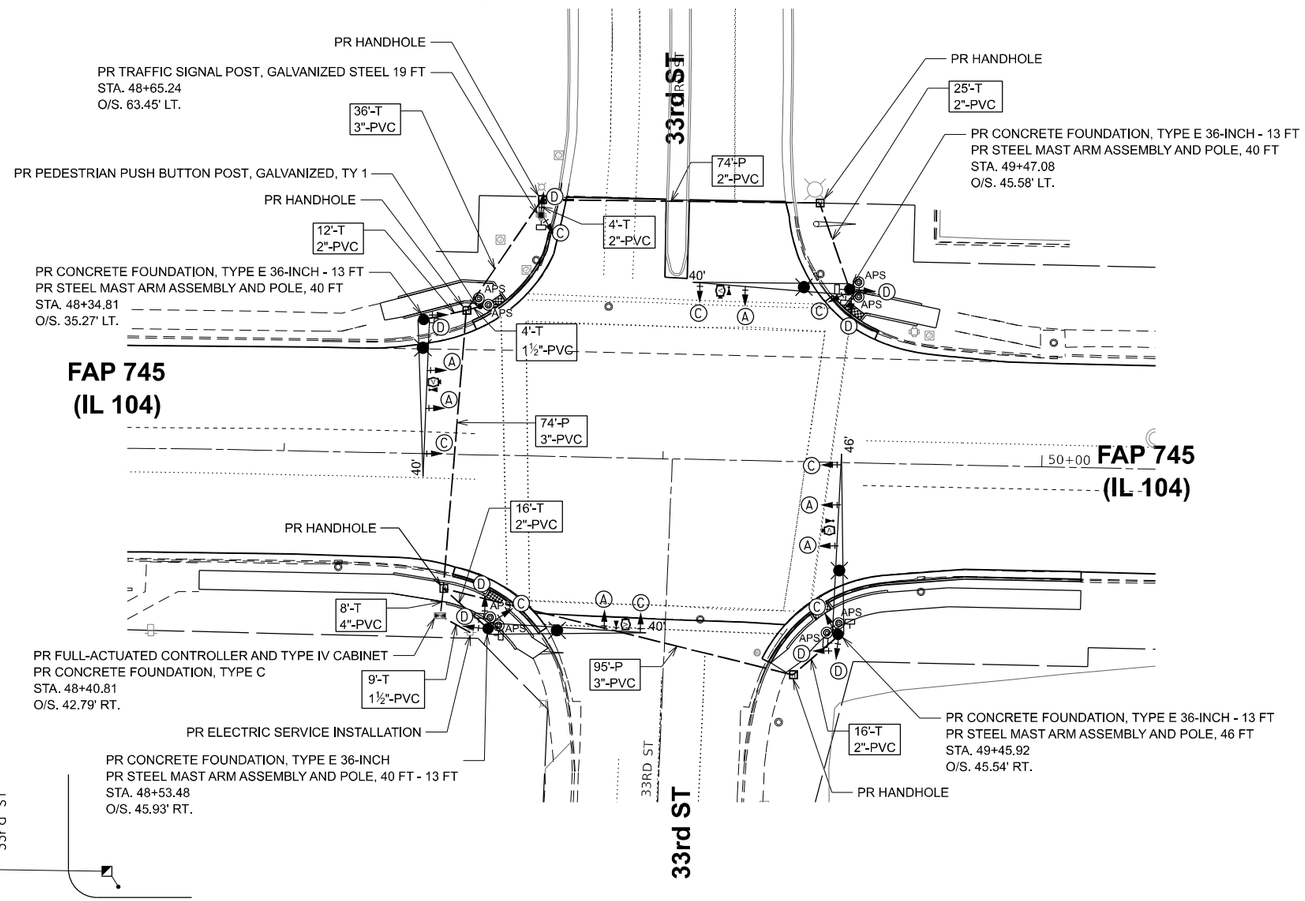


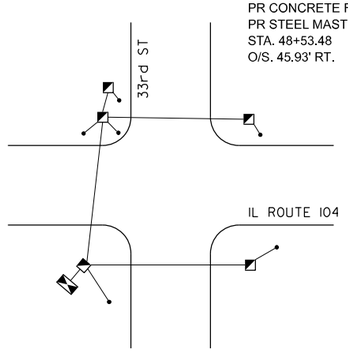


TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM





PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 33RD STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	13
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	147
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	205
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	8
81400100	HANDHOLE	EACH	5
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	717
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
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	1106
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1213
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1399
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1213
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	730
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	12
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	750
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	1
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	3
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
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	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	22
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1342
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE AND FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY) IS MEASURED FROM THE 30TH STREET SIGNAL CABINET TO THE 33RD STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

MODEL: Site Plan
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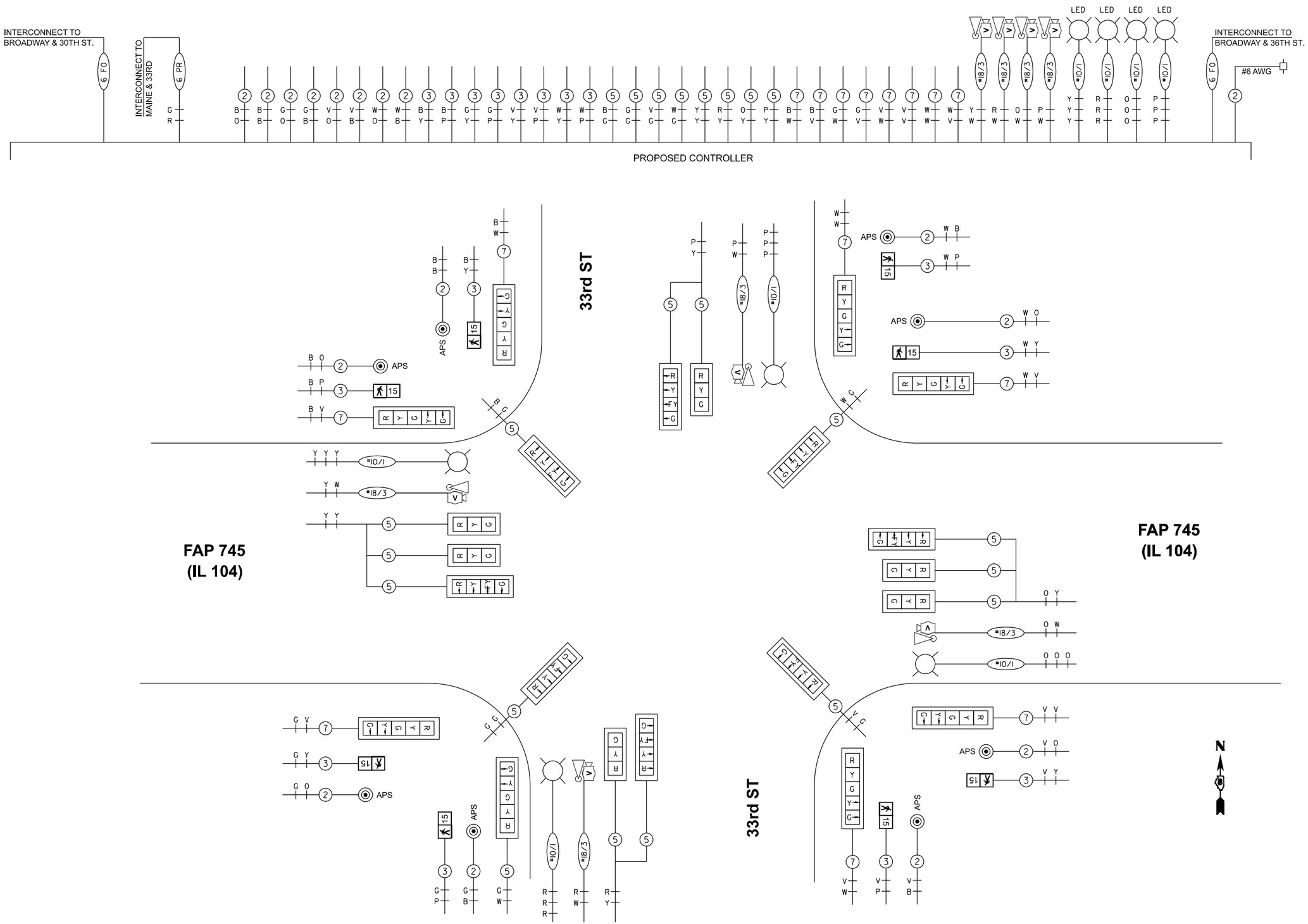
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REPLACEMENT PLAN
IL ROUTE 104 AND 33RD STREET

SCALE: 1"-20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	123
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



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PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 33RD STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	124

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/26/23

ROUTE IL 104 (Broadway St) **DESCRIPTION** Boring at NW corner of 33rd and Broadway **LOGGED BY** S. Burke

SECTION _____ **LOCATION** SW 1/2, **SEC.** 31, **TWP.** 1S, **RNG.** 8W, 4 **PM**

COUNTY Adams **DRILLING METHOD** HMA **HAMMER TYPE** 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. 33-B-NW
Station 48+24
Offset 24.0ft LT
Ground Surface Elev. 641.4 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

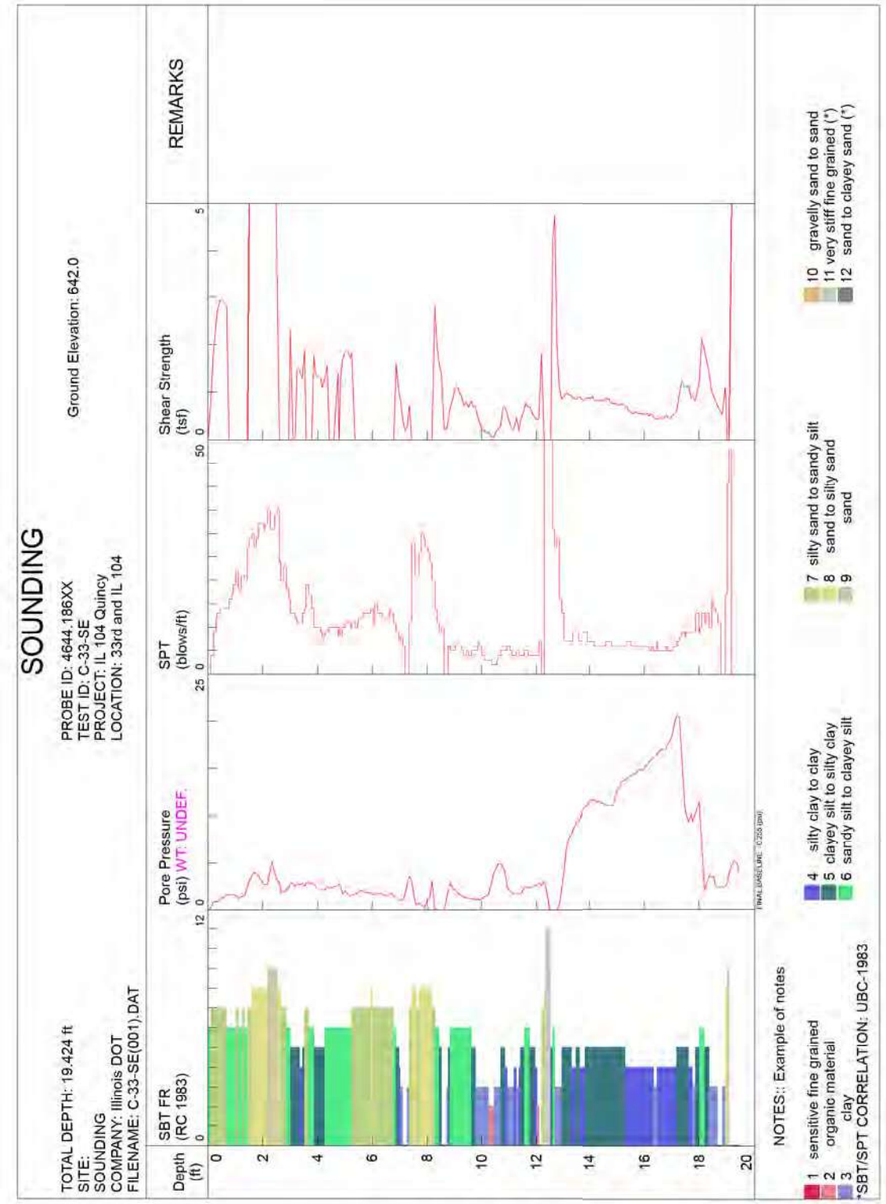
Groundwater Elev.:
First Encounter 4 ft ft
Upon Completion plugged ft
After ____ **Hrs.** plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Moist SILTY CLAY FREE WATER cored thru 11" HMA/PCC			0		
			2 3	1.4 B	27
		-5			
	635.90				
Tan and Gray Moist SILTY CLAY LOAM			0		
			0 3	1.0 B	27
			0		
			1 2	1.0 B	25
		-10			
			0		
Lt Gray			0 3	1.7 B	21
			1		
Lt Gray and Tan Moist Silty Clay Loam to Silty Clay Loam Till			3 4	1.7 B	21
	626.40	-15			
Tan and Lt Gray Moist SILTY CLAY (TILL)			1 2 3	1.9 S-15	26
	623.40				
V. Weathered Limestone Auger Refusal			23		
			50/ 1/2"		
	621.40	-20			

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
boring complete				
	-25			
	-30			
	-35			
	-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 DETEMPLT.GDT Date Printed 3/5/24
Latitude Longitude Datum NAD83 Job Number



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PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
IL ROUTE 104 AND 33RD STREET

SCALE: N.T.S. | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	125
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES

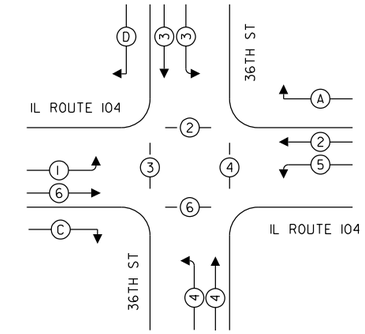
1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION ONLY.

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.

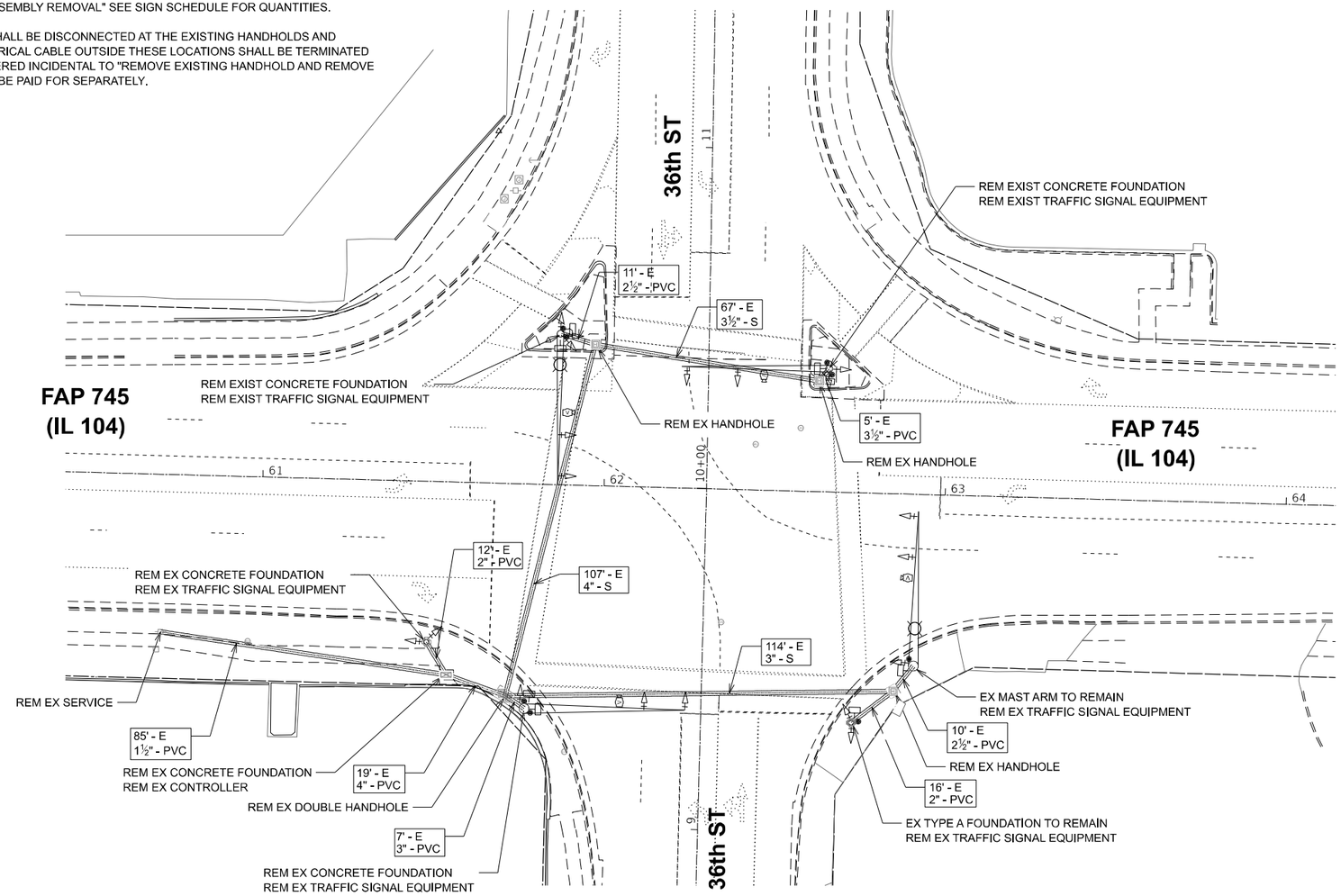
3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

4. 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.

5. 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.



EXISTING PHASE DESIGNATION DIAGRAM



SCHEDULE OF QUANTITIES IL 104 & 36TH 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	5
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	2507

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR REMOVE FIBER OPTIC CABLE FROM CONDUIT IS MEASURED FROM THE 33RD STREET SIGNAL CABINET TO THE 38TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

N

0 20 40
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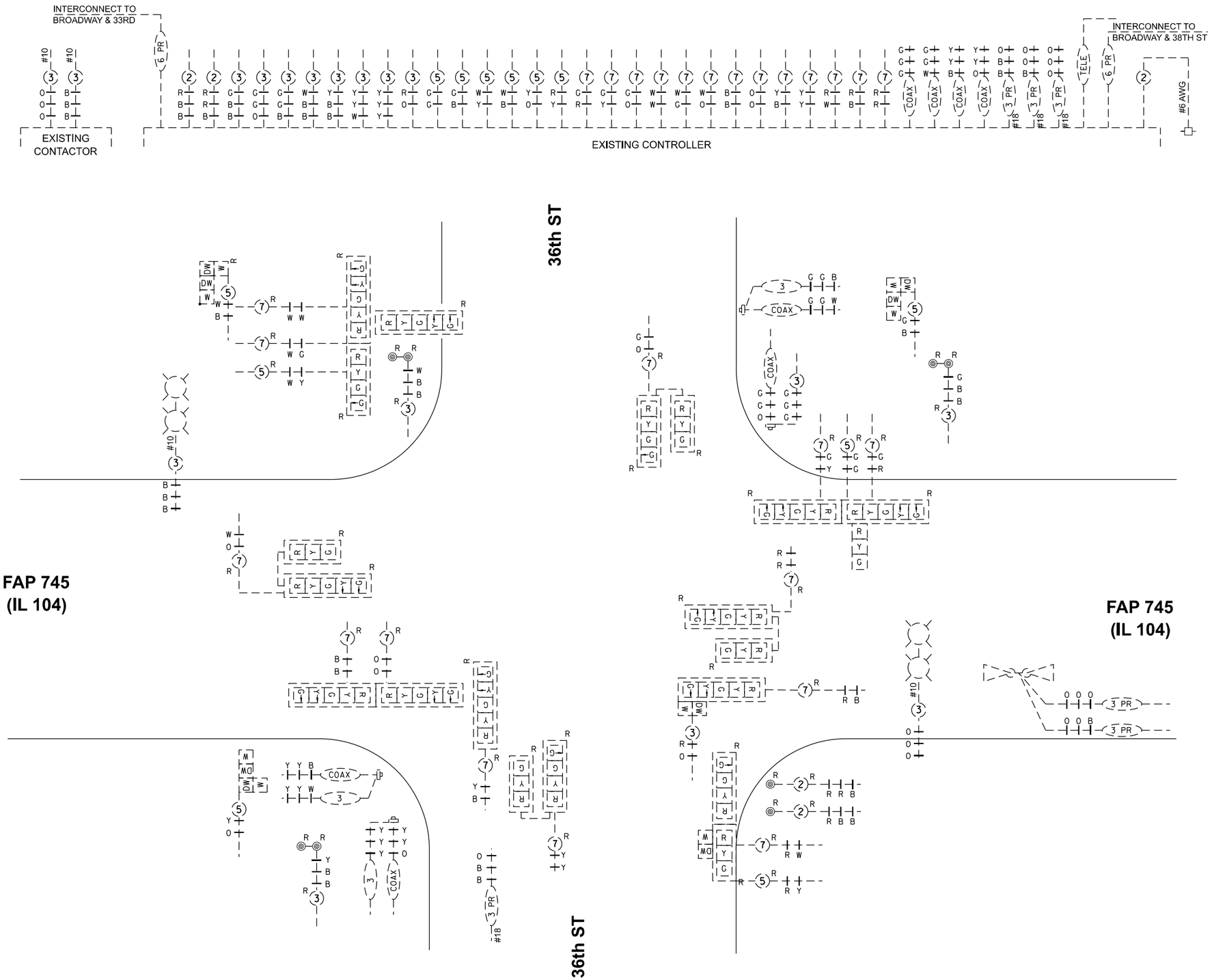
PLOT DATE = 5/21/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL PLAN
IL ROUTE 104 AND 36TH STREET

SCALE: 1"=20' | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	126
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



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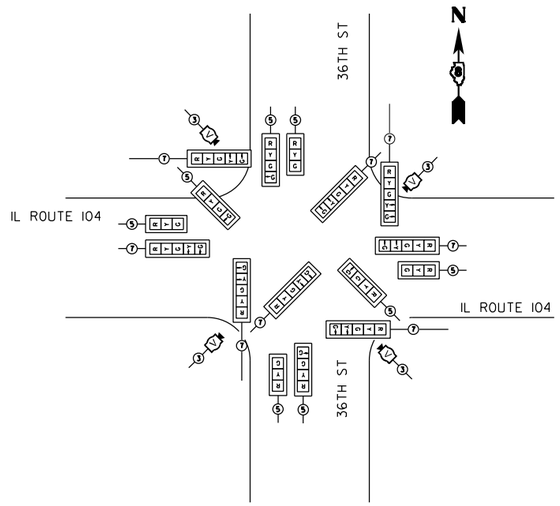
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/15/2025	DATE -	REVISED -	

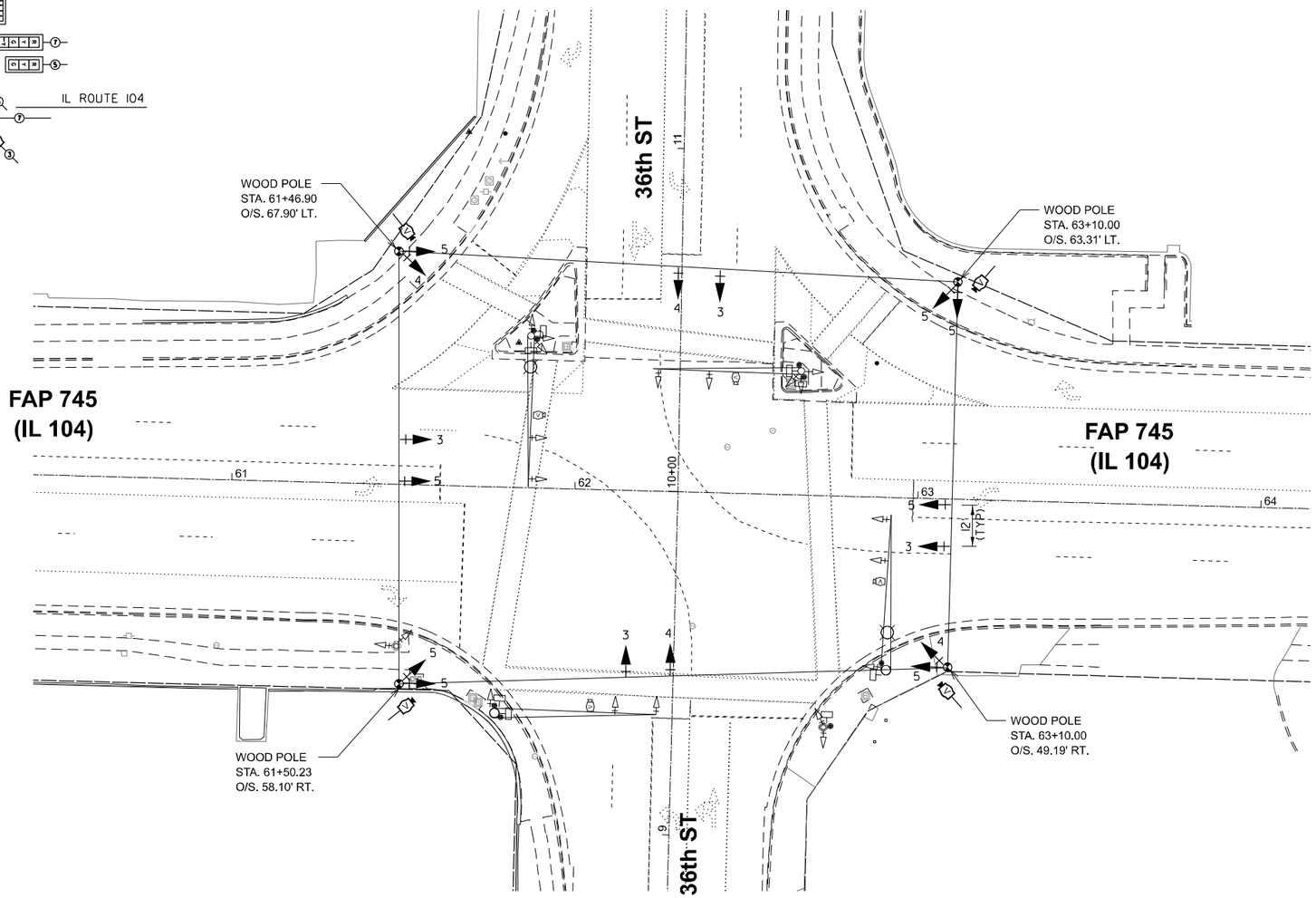
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

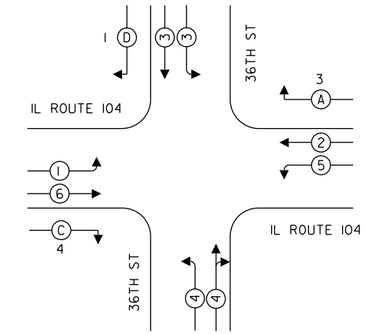
EXISTING TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 36TH STREET

SCALE: N.T.S | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	127
		CONTRACT NO. 72K42		
		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 Traffic Signal Plan
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
IL ROUTE 104 AND 36TH STREET

SCALE: 1"=20' | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	128
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

PROPOSED TRAFFIC SIGNAL NOTES

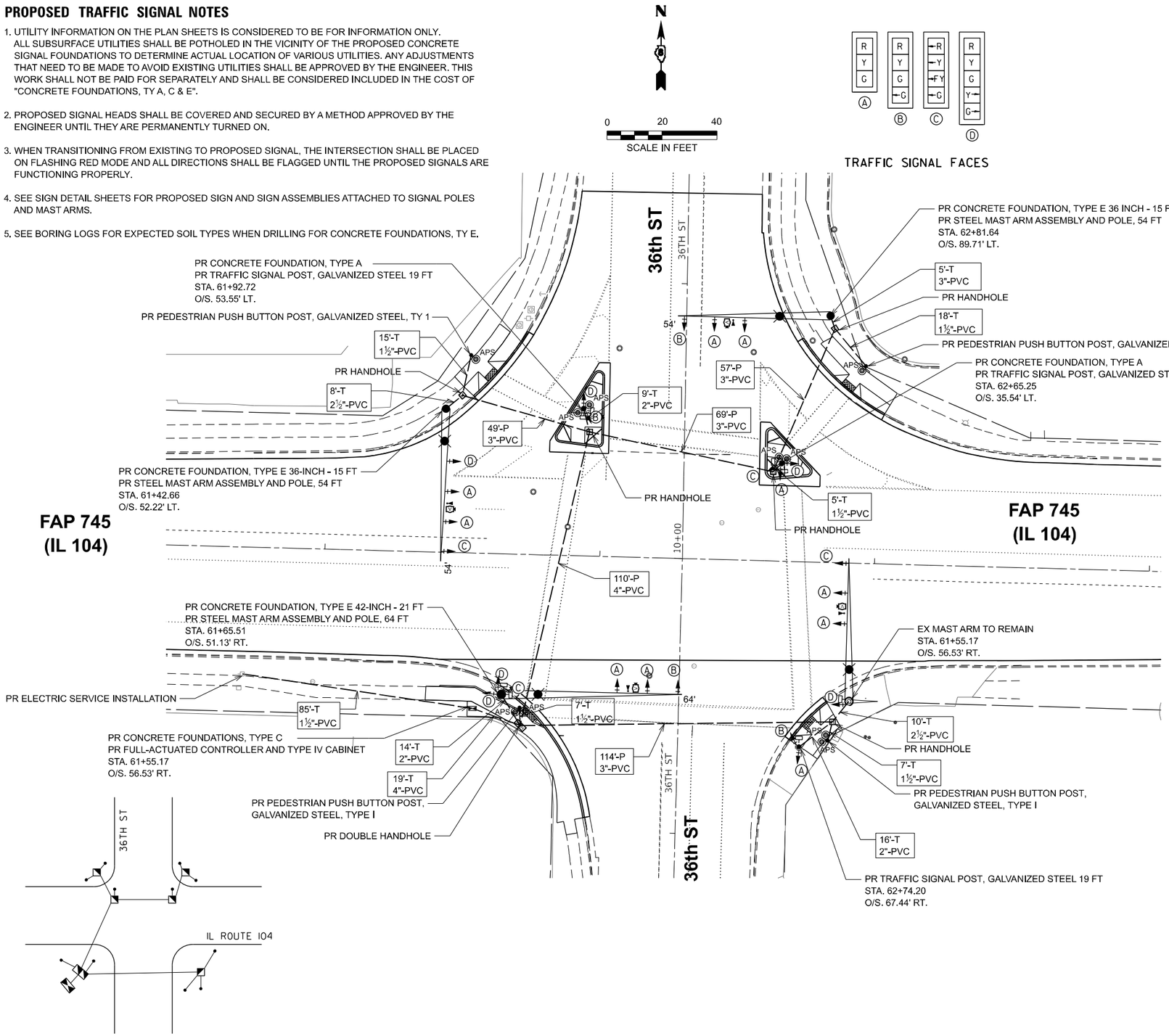
1. UTILITY INFORMATION ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES 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".

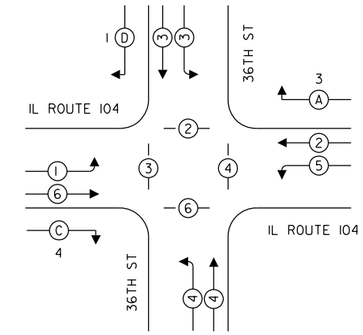
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON.

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.





PHASE DESIGNATION DIAGRAM

PROPOSED GROUNDING DIAGRAM

SCHEDULE OF QUANTITIES IL 104 & 36TH STREET			
CODE	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	137
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	39
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	27
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	291
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	129
81400100	HANDHOLE	EACH	5
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	918
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
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	1544
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1350
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2129
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	994
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	951
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	88
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1870
87502530	TRAFFIC SIGNAL POST, GALVANIZED STEEL 19 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2
87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 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	30
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
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
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	24
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	2507
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

NOTE:
THE QUANTITY SHOW ON THIS SHEET FOR FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE AND FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY) IS MEASURED FROM THE 33RD STREET SIGNAL CABINET TO THE 38TH STREET SIGNAL CABINET. SEE REFERENCED HISTORIC PLAN SHEETS FOR EXISTING CONDUIT LENGTH.

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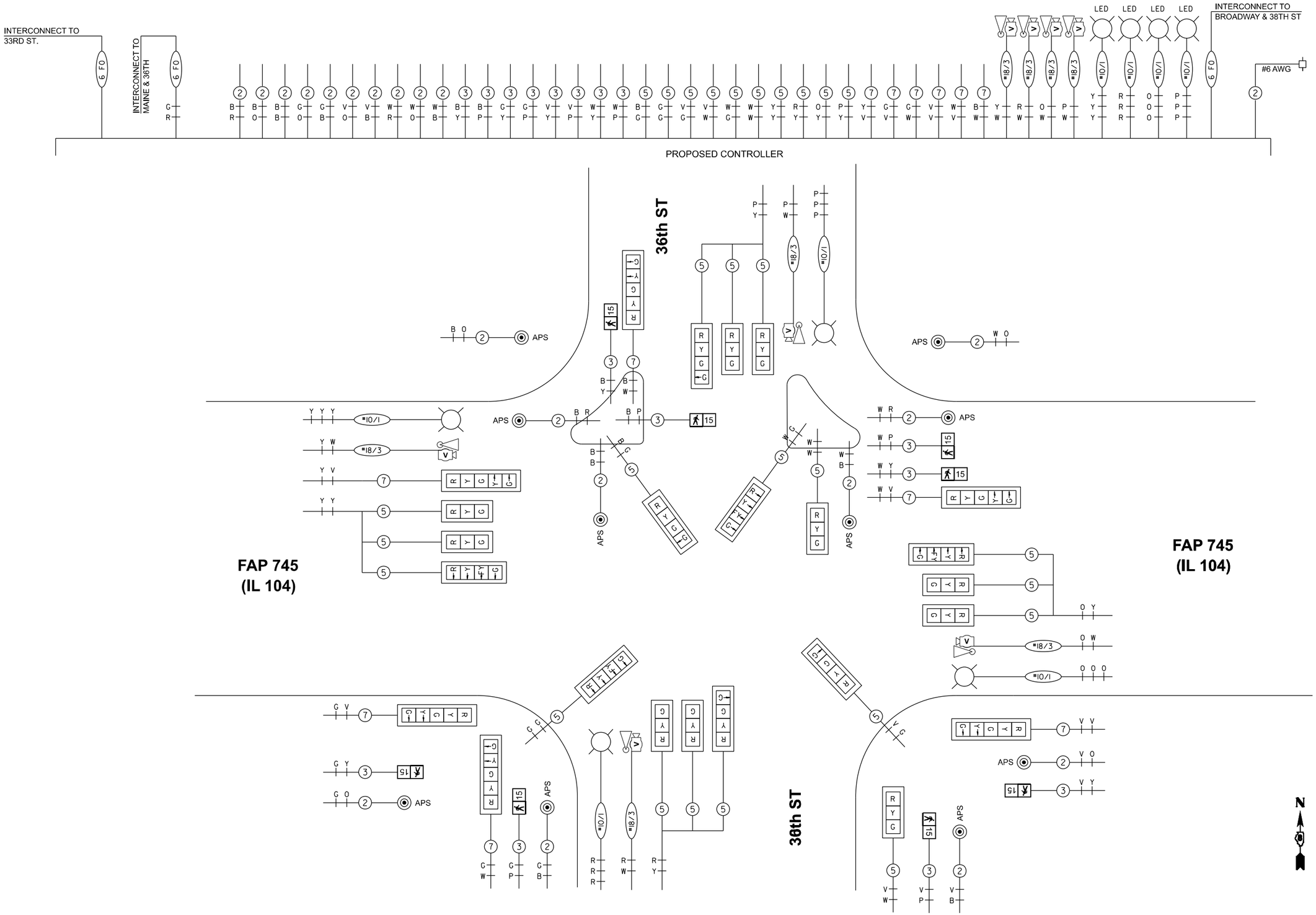
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REPLACEMENT PLAN
IL ROUTE 104 AND 36TH STREET

SCALE: 1"=20' | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	129

CONTRACT NO. 72K42
ILLINOIS | FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAILS
IL ROUTE 104 AND 36TH STREET

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	130

CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 9/27/23

ROUTE IL 104 (Broadway St) DESCRIPTION Boring at SW corner of 36th and Broadway LOGGED BY S. Burke

SECTION _____ LOCATION SE 1/4, SEC. 31, TWP. 1S, RNG. 8W, 4 PM

COUNTY Adams DRILLING METHOD HMA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. 36-B-SE
Station 62+87
Offset 39.0ft LT
Ground Surface Elev. 672.0 ft

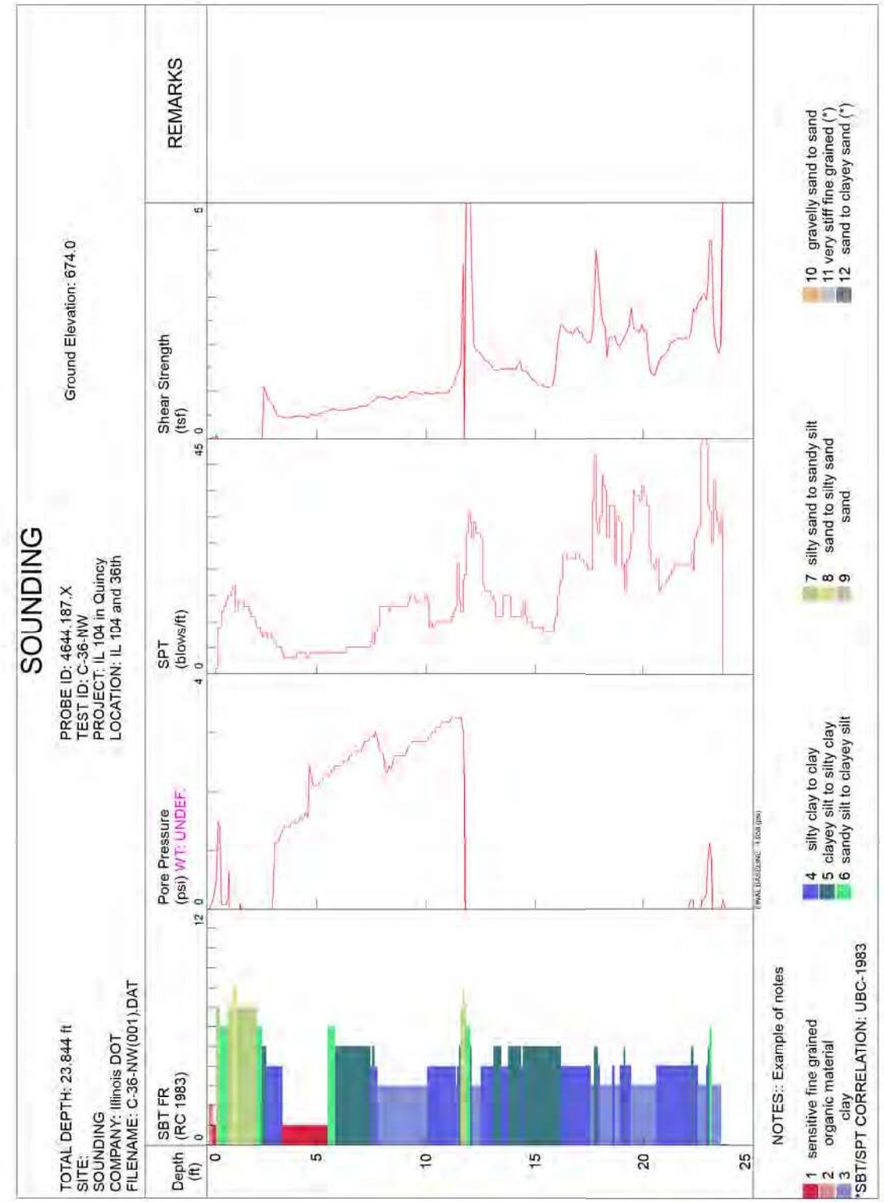
Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter no encounter ft
Upon Completion plugged ft
After ____ Hrs. plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Tan Moist SILT to SILT LOAM cored thru 15" pavement					
			1		
			2	0.5	26
		-5	2	B	
	666.50				
Tan Moist SILTY CLAY			0		
			2	0.5	19
			3	B	
	664.00				
Tan Moist SILTY CLAY LOAM			1		
			2	2.1	23
		-10	4	B	
			1		
			3	2.6	18
			4	S-15	
			1		
w/ chert nodules			3	2.0	16
		-15	4	B	
			1		
			3	3.3	16
			6	S	
			1		
			7	3.9	14
		-20	9	B	
Tan Moist SILTY CLAY LOAM (continued)			2		
Tan Moist Silty Clay Loam w/ Sand Seams			8	3.7	20
			14	S-12	
			2		
			6	5.0	12
	647.00	-25	10	B	
boring complete					
		-30			
		-35			
		-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:\SOIL\GINT FILES\001 ADAMS\MAST ARMS\BROADWAY FROM 24TH TO 33TH.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 AND 36TH STREET

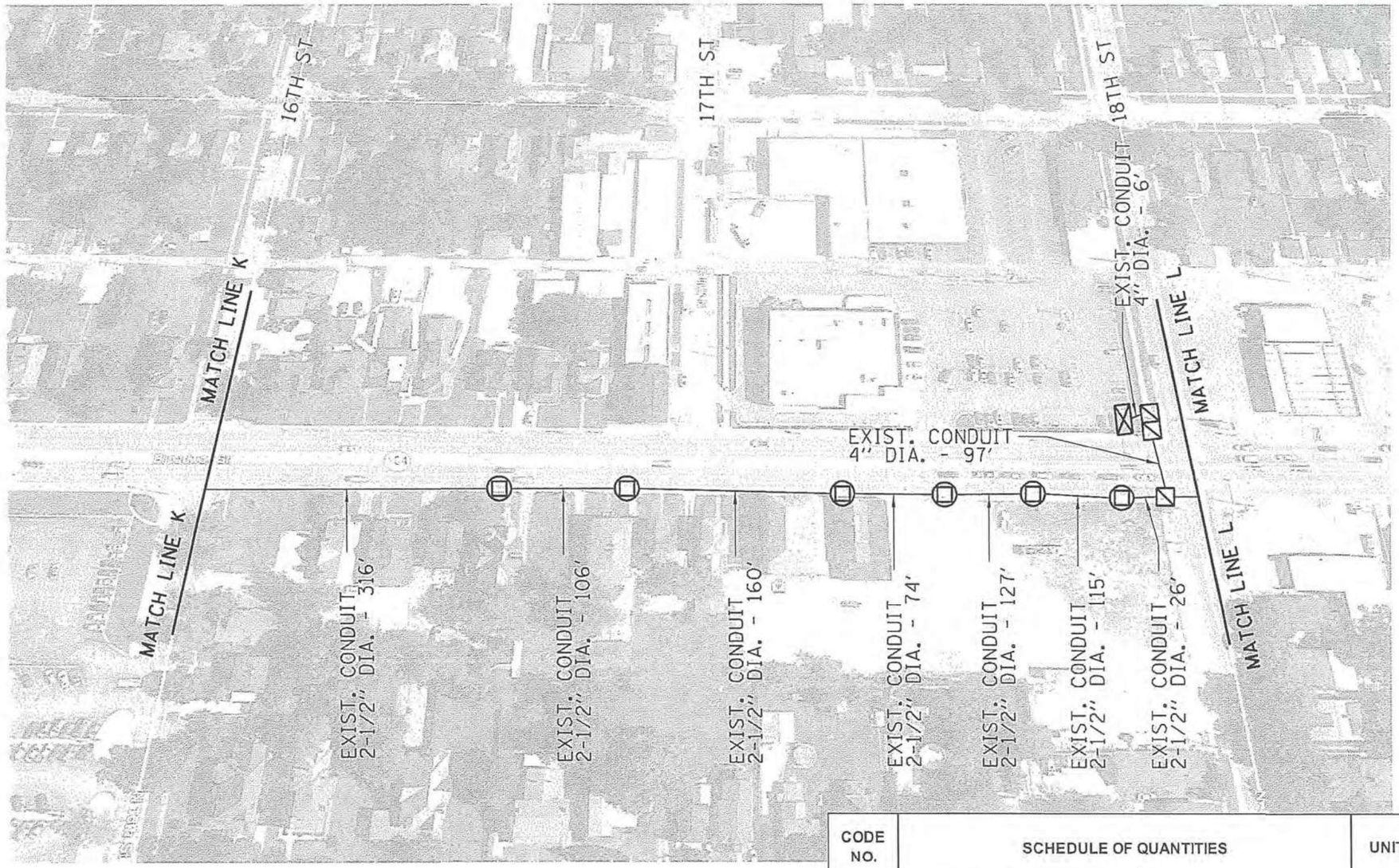
SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	131

CONTRACT NO. 72K42
ILLINOIS FED. AID PROJECT

FOR INFORMATION PURPOSES ONLY

~~Option A~~



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502210	MODIFY ~~EXISTING~~ Proposed CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	~~1197~~ 125
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1197 125

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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	16
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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PLOT DATE = 5/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	132
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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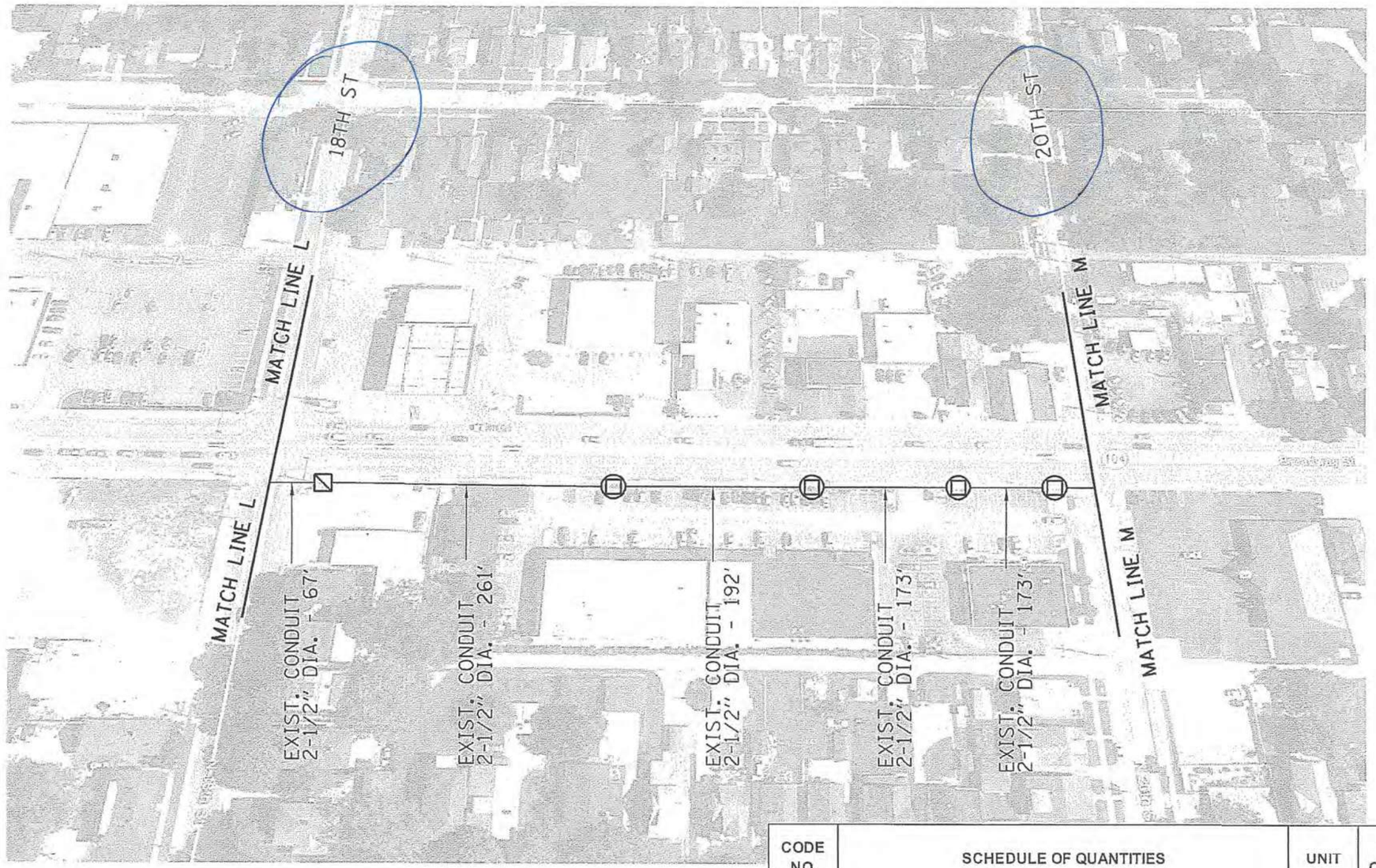

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	879
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	879

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	DRAWN -	REVISED -	
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PLOT DATE = 2/4/2019	DATE -	REVISED -	

PLAN SHEET

SCALE ____ SHEET ___ OF ___ SHEETS STA ____ TO STA ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	17
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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		DRAWN -	REVISED -
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	PLOT DATE = 5/21/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	133
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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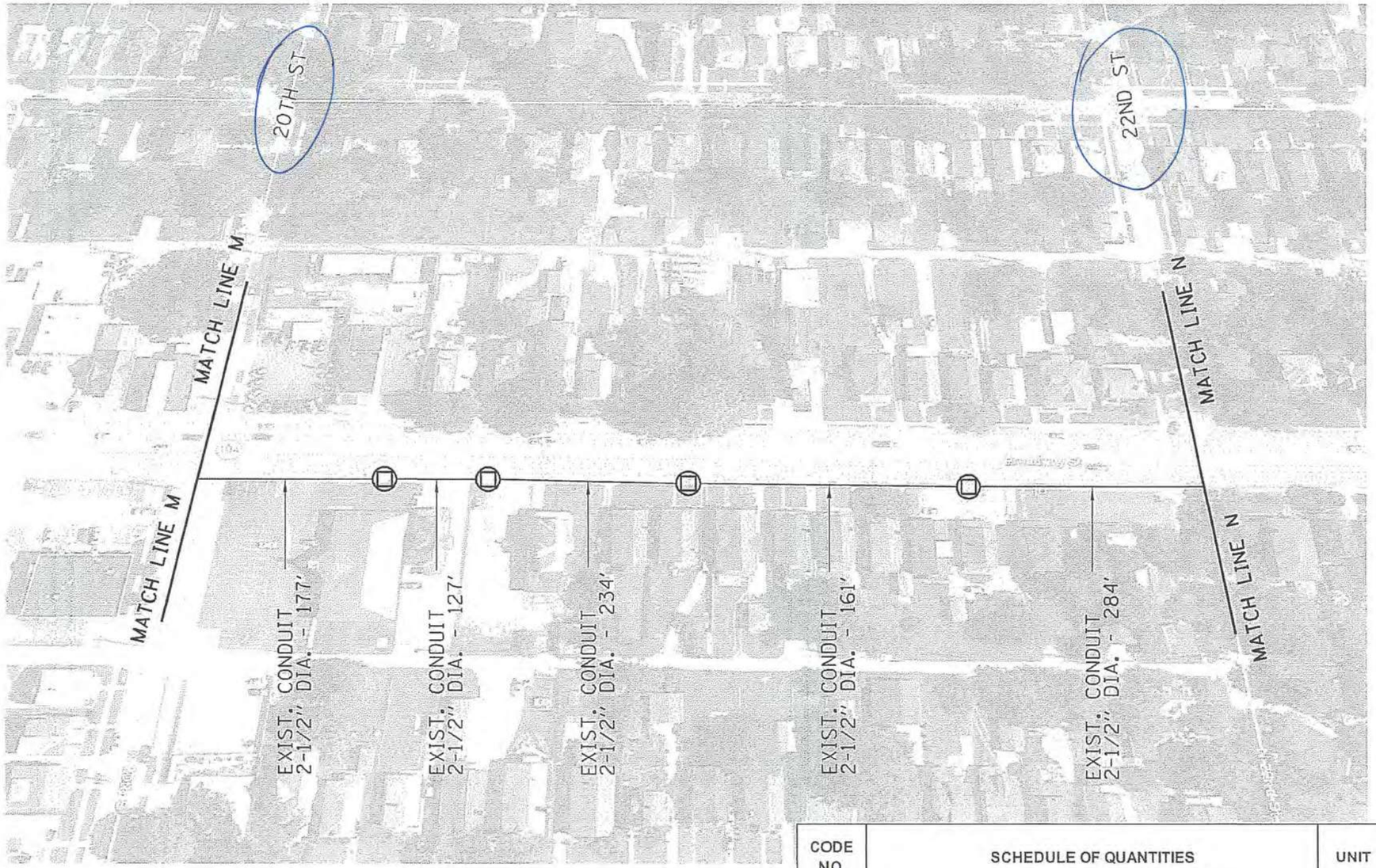

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	989
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	989

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PLAN SHEET

SCALE ____ SHEET ___ OF ___ SHEETS STA ____ TO STA ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D&-7	ADAMS	46	18
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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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	103Z,RS-4, TS-1,SW	ADAMS	171	134
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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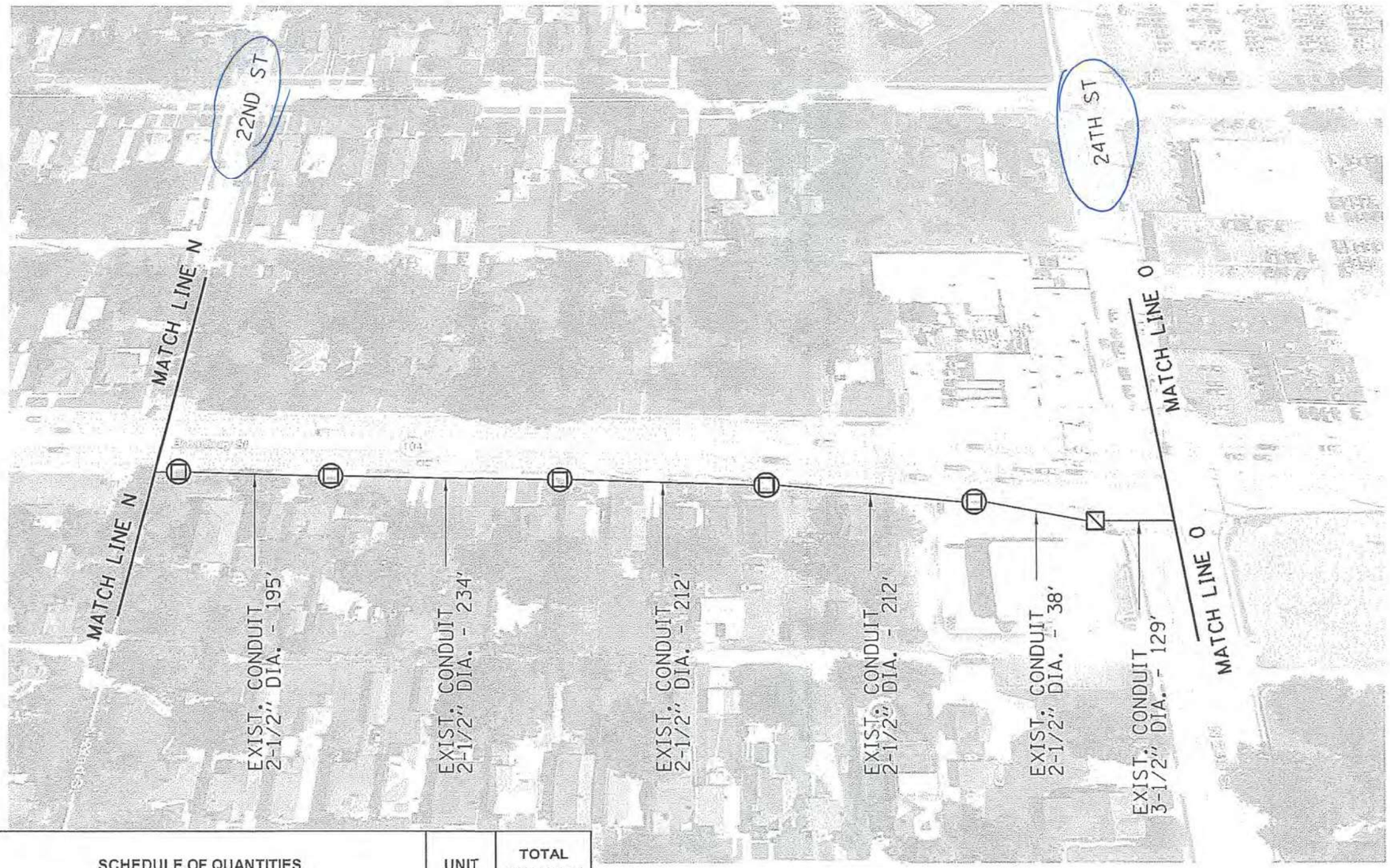

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1034
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1034

USER NAME = sharpto	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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SCALE ____ SHEET __ OF __ SHEETS STA. ____ TO STA. ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	19
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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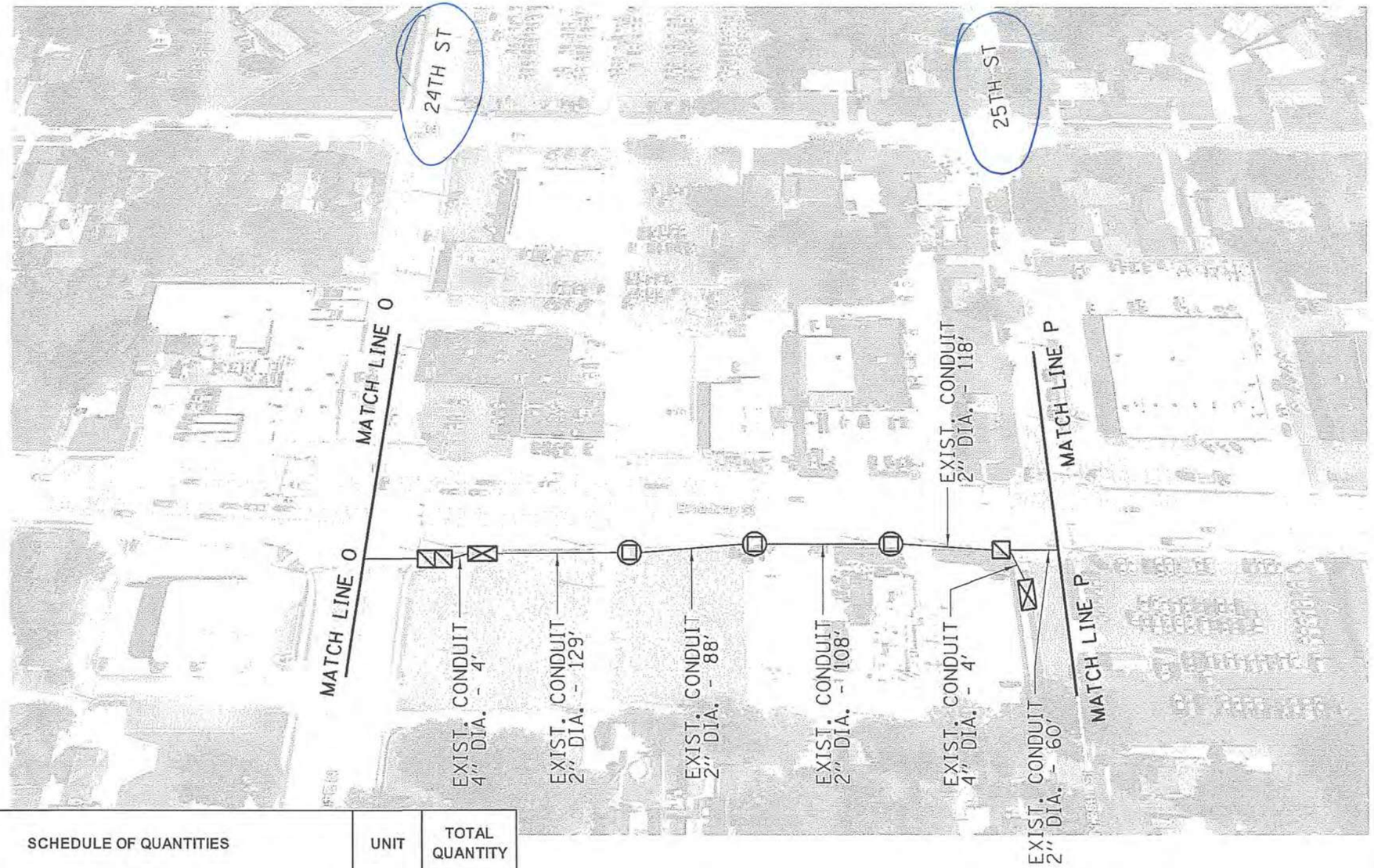
PLOT DATE = 5/21/2025	DATE -	REVISED -	

HISTORIC PLANS
IL ROUTE 104

SCALE: NTS SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	135
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

FOR INFORMATION PURPOSES ONLY



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
	Proposed		
89502210	MODIFY ~~EXISTING~~ CONTROLLER CABINET	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	583
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	583

USER NAME = shaipld	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A. RTE. ~~SECTION~~ / VAR. ITS D6-2 / COUNTY ADAMS / TOTAL SHEETS 46 / SHEET NO. 20 / CONTRACT NO. 72L04 / ILLINOIS FED. AID PROJECT
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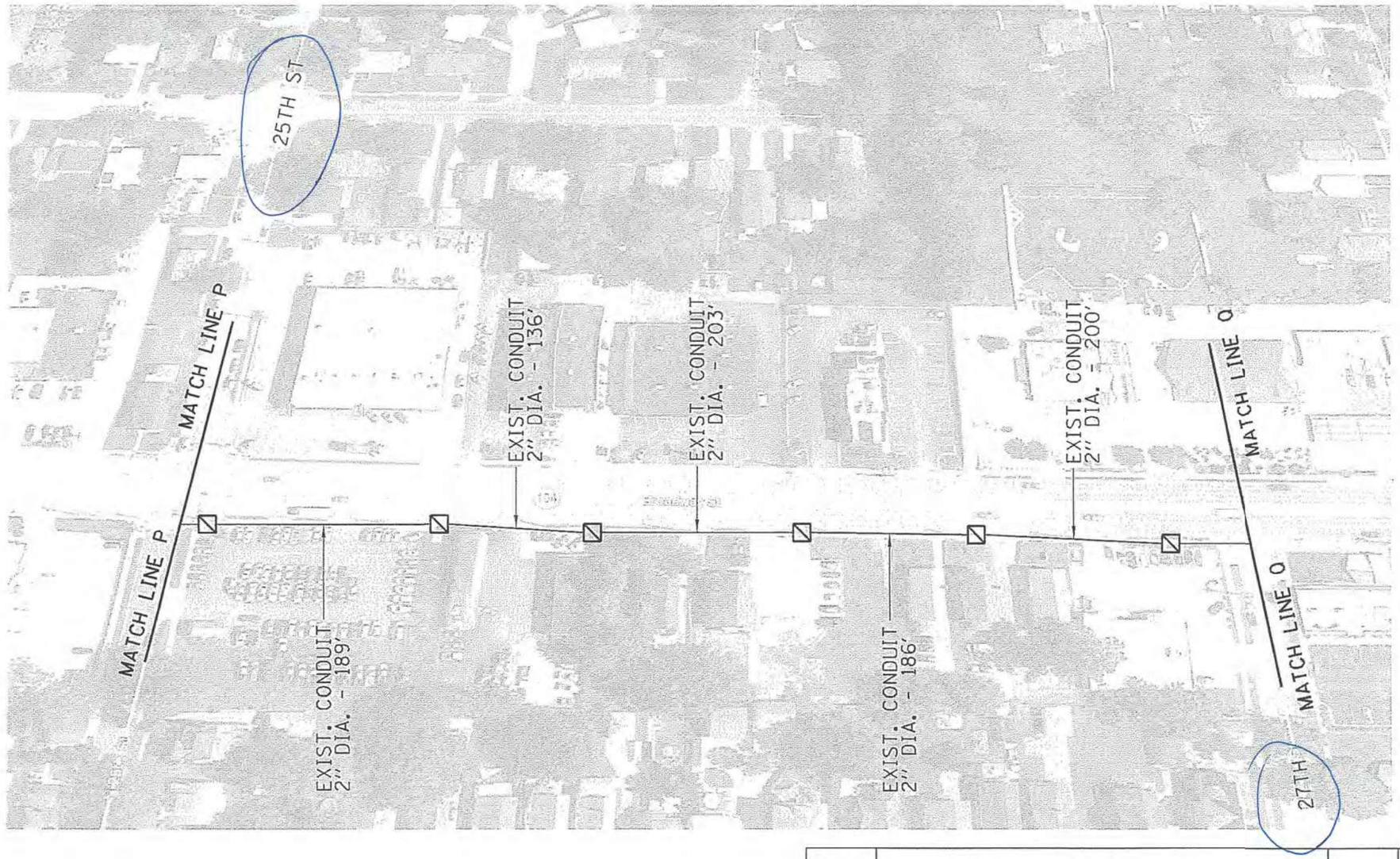

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	935
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	935

USER NAME = shsiptd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLAN SHEET

SCALE ____ SHEET __ OF __ SHEETS STA ____ TO STA ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	21
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

USER NAME = msmit	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
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PLOT DATE = 5/21/2025	DATE -	REVISED -	

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	103Z,RS-4, TS-1,SW	ADAMS	171	137
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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MODEL: SHEET6
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FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
	Proposed		
89502210	MODIFY ~~EXISTING~~ CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1329
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1329

USER NAME = shegela	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 1000.0000 / in	CHECKED -	REVISED -	
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	22
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

MODEL: InSolt
FILE NAME: C:\Users\shegela\AppData\Local\Temp\AcPublish_12164\ITS D6-2 - Adams Co(72L04).dgn

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USER NAME = msmit	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = $SCALES	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

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	103Z,RS-4, TS-1,SW	ADAMS	171	138
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

MODEL: SHEET7
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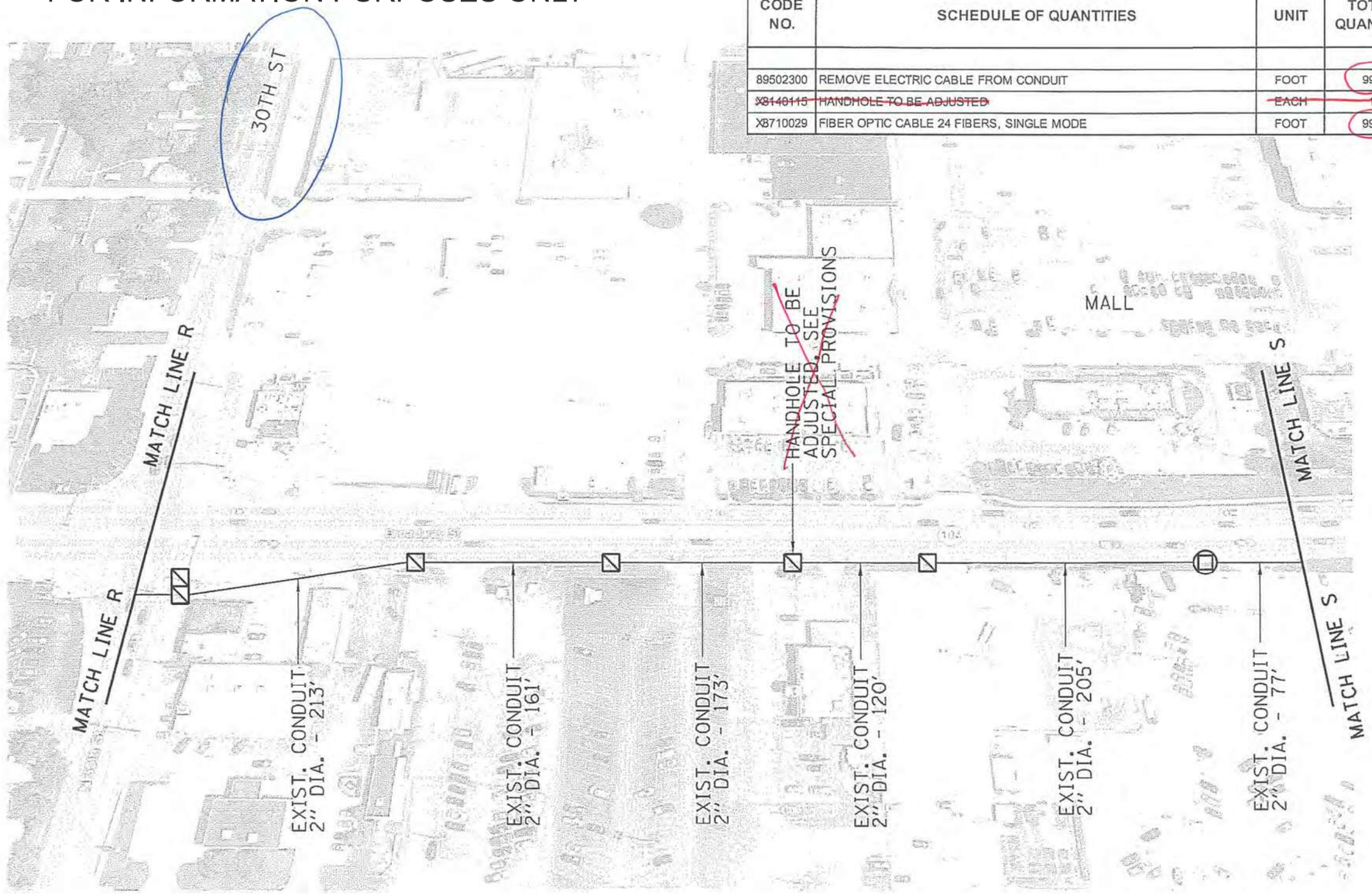
FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	990
~~X8140115~~	~~HANDHOLE TO BE ADJUSTED~~	~~EACH~~	~~1~~
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	990



USER NAME = sharpta	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1000.0000 : in	CHECKED -	REVISED -
PLOT DATE = 2/2/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE ____ SHEET __ OF __ SHEETS STA ____ TO STA ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	23
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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USER NAME = msmit	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALES	CHECKED -	REVISED -
PLOT DATE = 5/21/2025	DATE -	REVISED -

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	103Z,RS-4, TS-1,SW	ADAMS	171	139
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

MODEL: SHEET8
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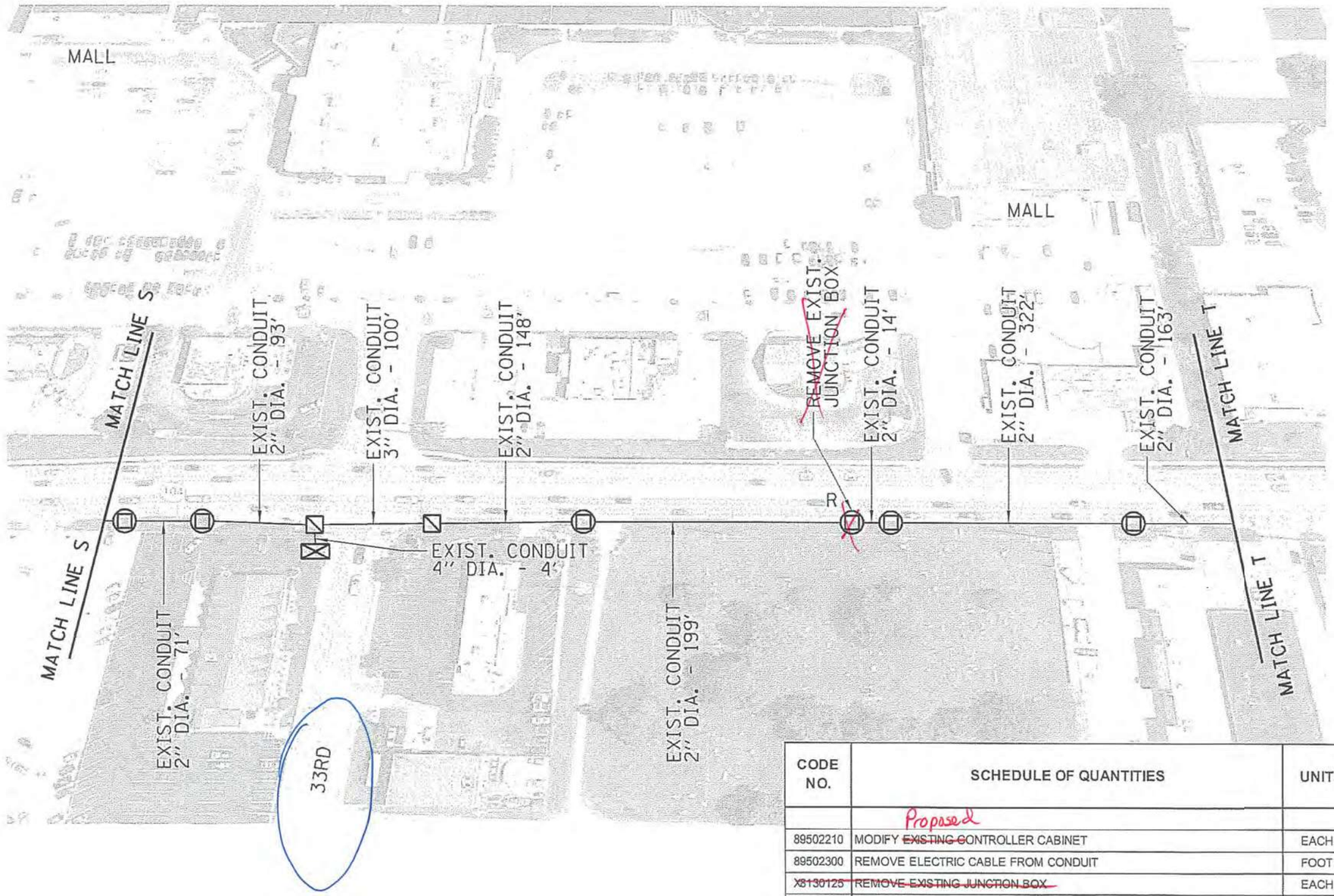
FOR INFORMATION PURPOSES ONLY



CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
	Proposed		
89502210	MODIFY ~~EXISTING~~ CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1166
~~X8130125~~	~~REMOVE EXISTING JUNCTION BOX~~	EACH	~~1~~
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1166

USER NAME = sharpto	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 1050.0000 / in	CHECKED -	REVISED -	
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	96	24
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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	DRAWN -	REVISED -	
PLOT SCALE = $SCALES	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

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	103Z,RS-4, TS-1,SW	ADAMS	171	140
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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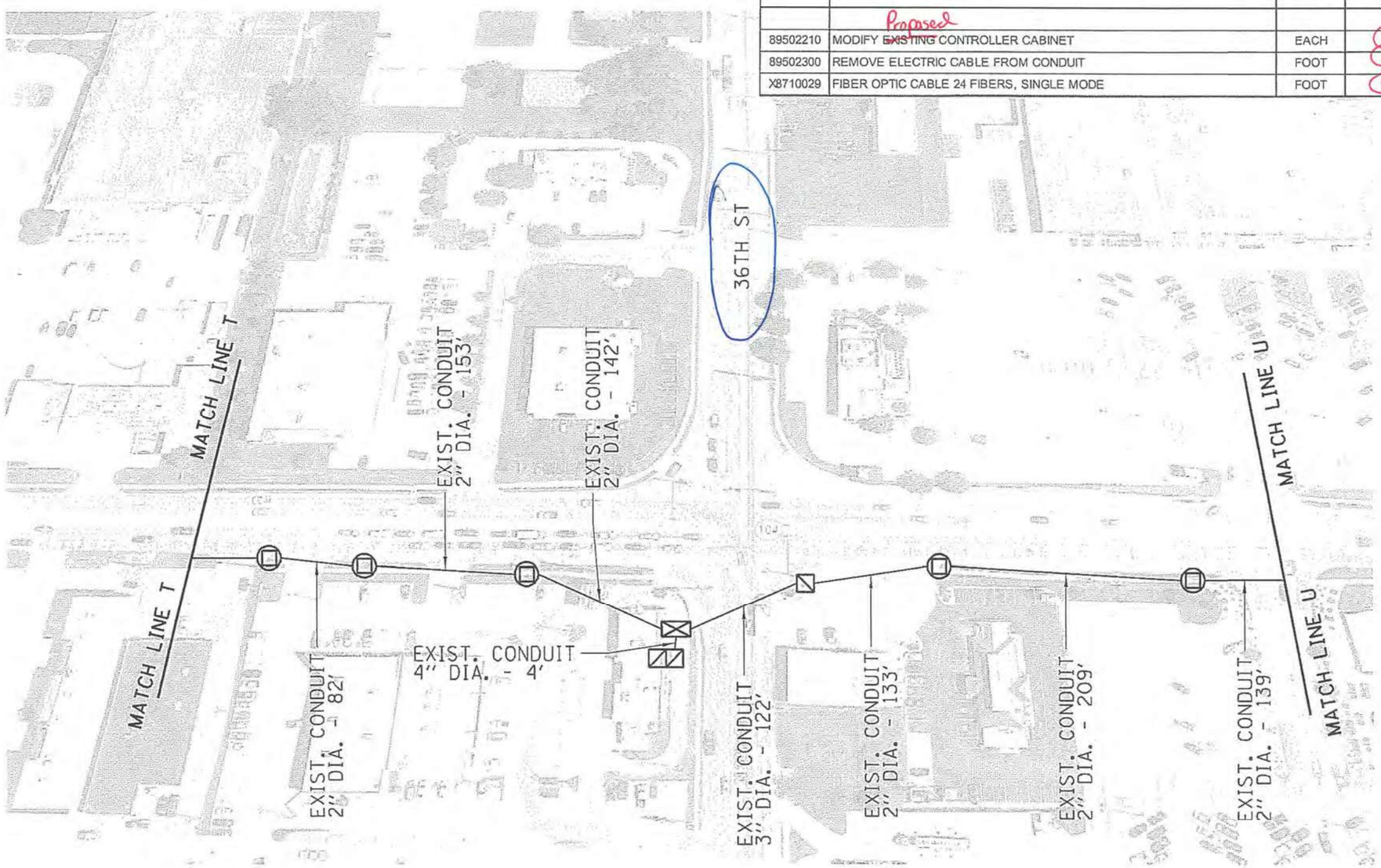
FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
	Proposed		
89502210	MODIFY ~~EXISTING~~ CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1047
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1047



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	DRAWN -	REVISED -	
PLOT SCALE = 1000.0000 ' / in	CHECKED -	REVISED -	
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	25
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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	DRAWN -	REVISED -	
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PLOT DATE = 5/21/2025	DATE -	REVISED -	

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	103Z,RS-4, TS-1,SW	ADAMS	171	141
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

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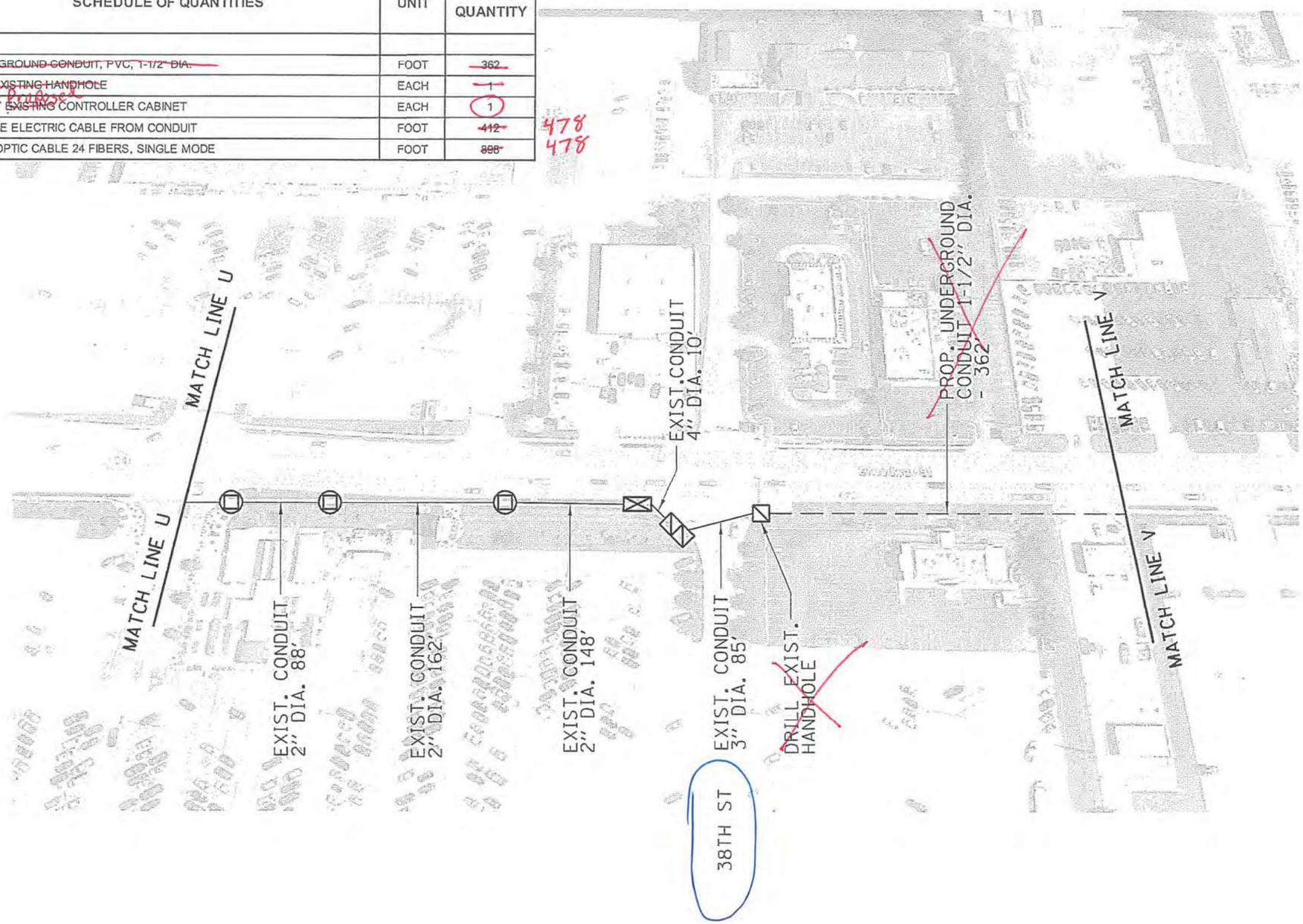
FOR INFORMATION PURPOSES ONLY

CODE NO.	SCHEDULE OF QUANTITIES	UNIT	TOTAL QUANTITY
~~81028340~~	~~UNDERGROUND CONDUIT, PVC, 1-1/2" DIA.~~	FOOT	~~362~~
~~87900200~~	~~DRILL EXISTING HANDHOLE~~ DISPOSE	EACH	~~1~~
89502210	MODIFY ~~EXISTING~~ CONTROLLER CABINET	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	~~412~~ 478
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	~~898~~ 478



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	DRAWN -	REVISED -	
PLOT SCALE = 1000.0000 ' / in	CHECKED -	REVISED -	
PLOT DATE = 2/4/2019	DATE -	REVISED -	

PLAN SHEET

SCALE ____ SHEET __ OF __ SHEETS STA ____ TO STA ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	ITS D6-2	ADAMS	46	26
		CONTRACT NO. 72L04		
		ILLINOIS FED. AID PROJECT		

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	DRAWN -	REVISED -	
PLOT SCALE = 5SCALES	CHECKED -	REVISED -	
PLOT DATE = 5/21/2025	DATE -	REVISED -	

HISTORIC PLANS
IL ROUTE 104

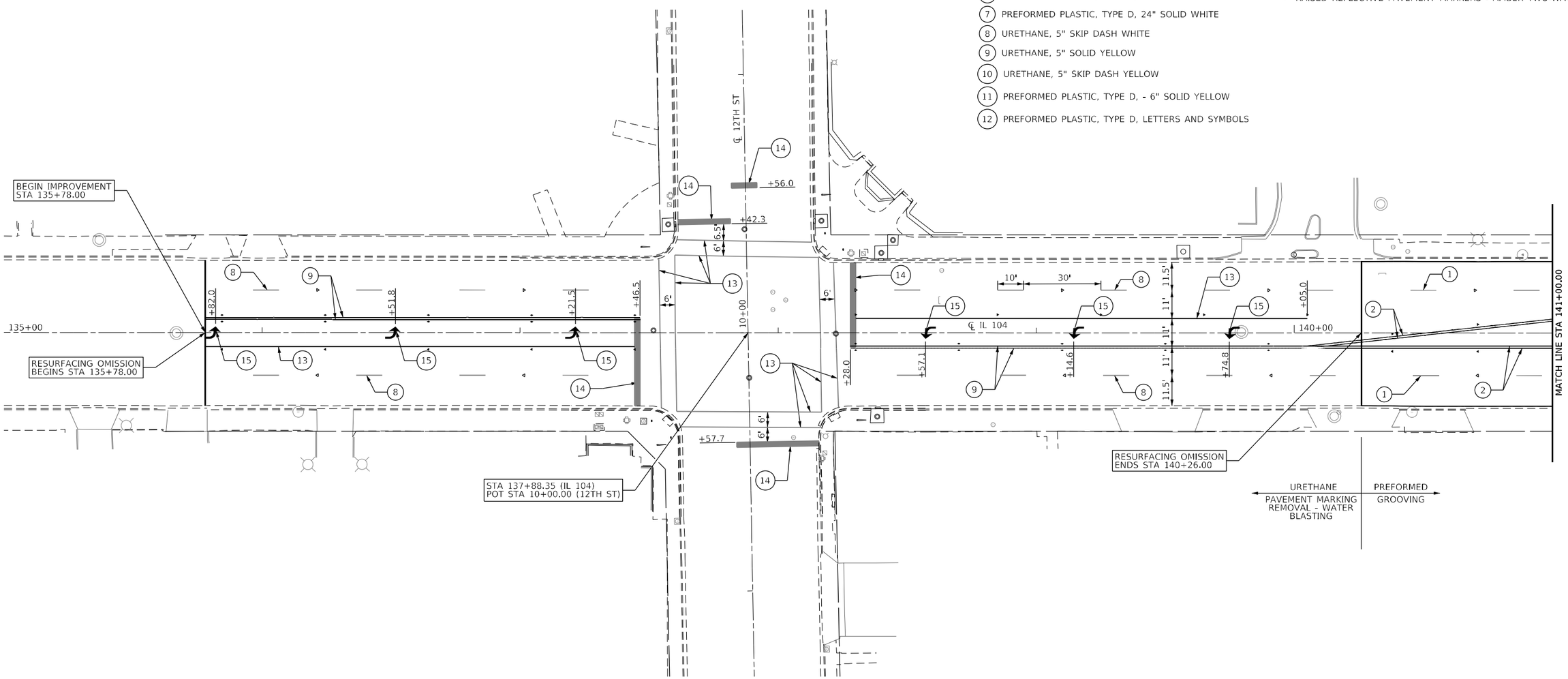
SCALE: NTS SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	141-A
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.5870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 142
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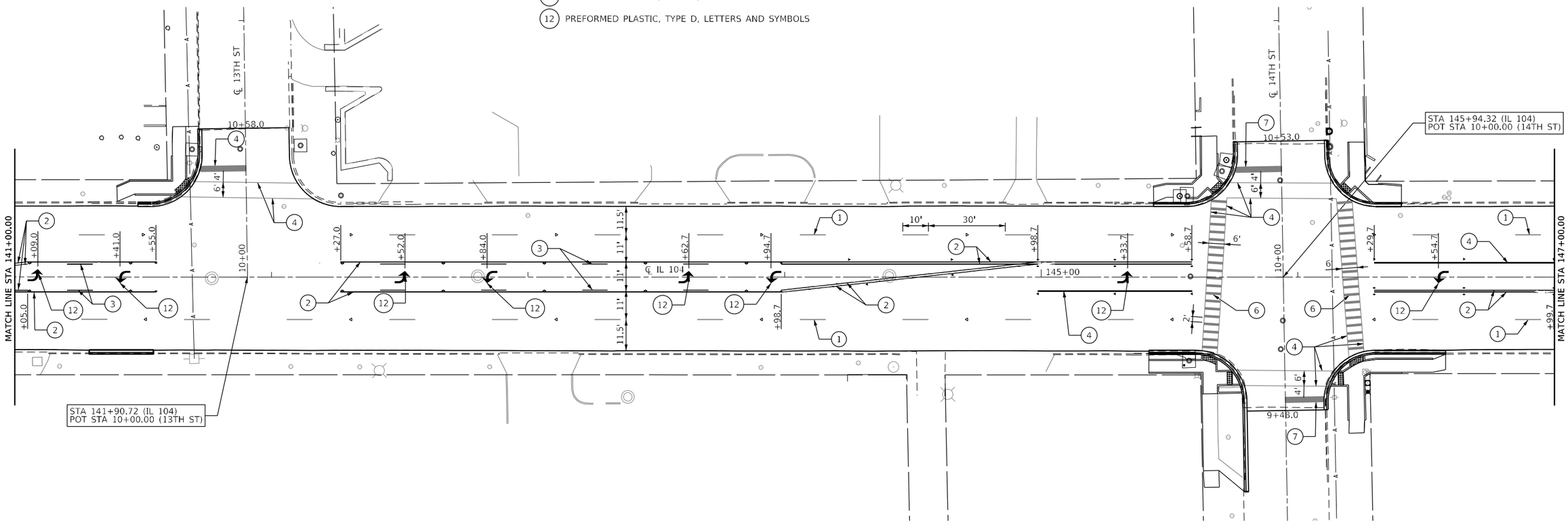
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' / SHEET 1 OF 20 SHEETS / STA. 135+00.00 TO STA. 141+00.00			ILLINOIS	FED. AID PROJECT

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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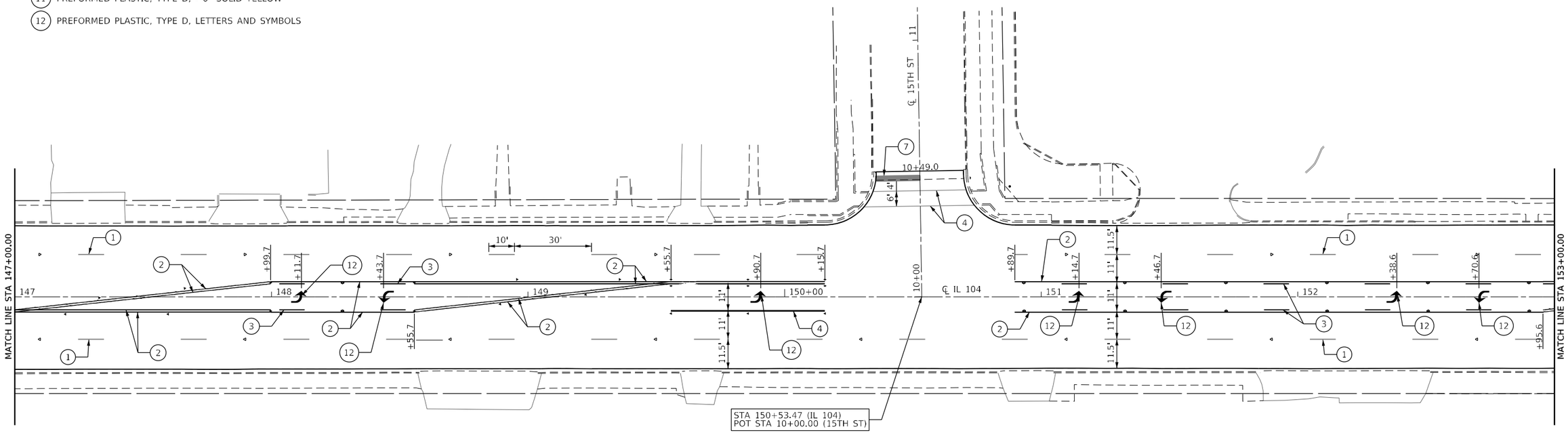
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 143
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 2 OF 20 SHEETS STA. 141+00.00 TO STA. 147+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 5/16/2025	DATE -	REVISED -	

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET 3 OF 20 SHEETS | STA. 147+00.00 TO STA. 153+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	144

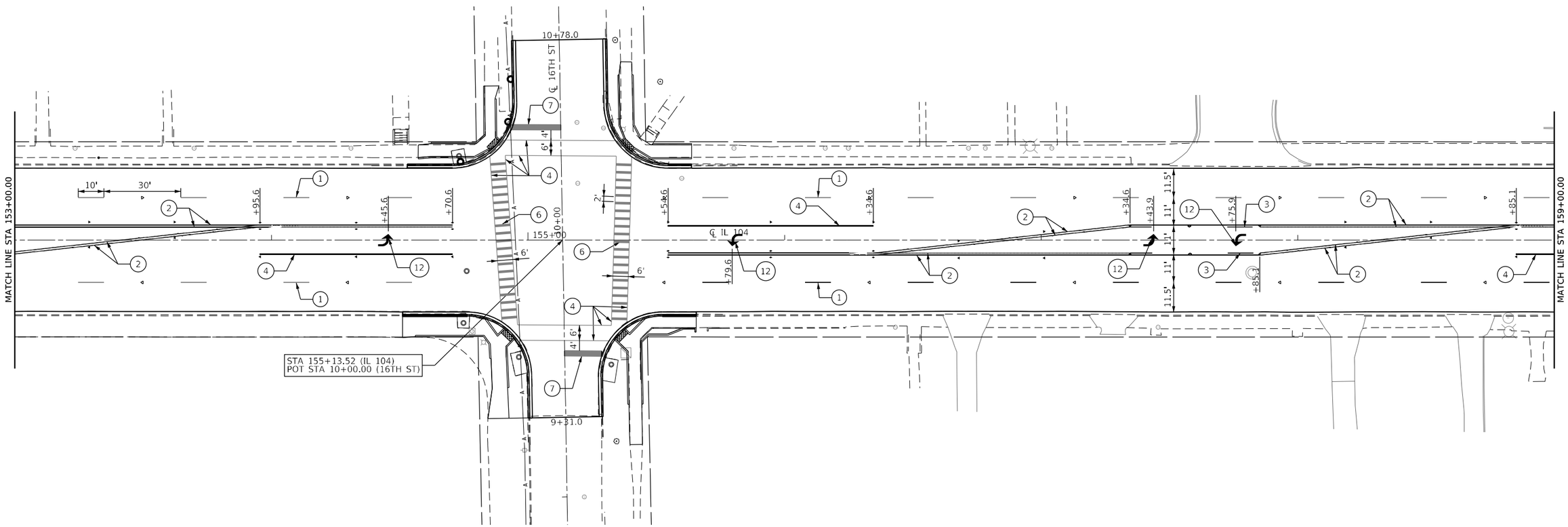
CONTRACT NO. 72K42

ILLINOIS | FED. AID PROJECT

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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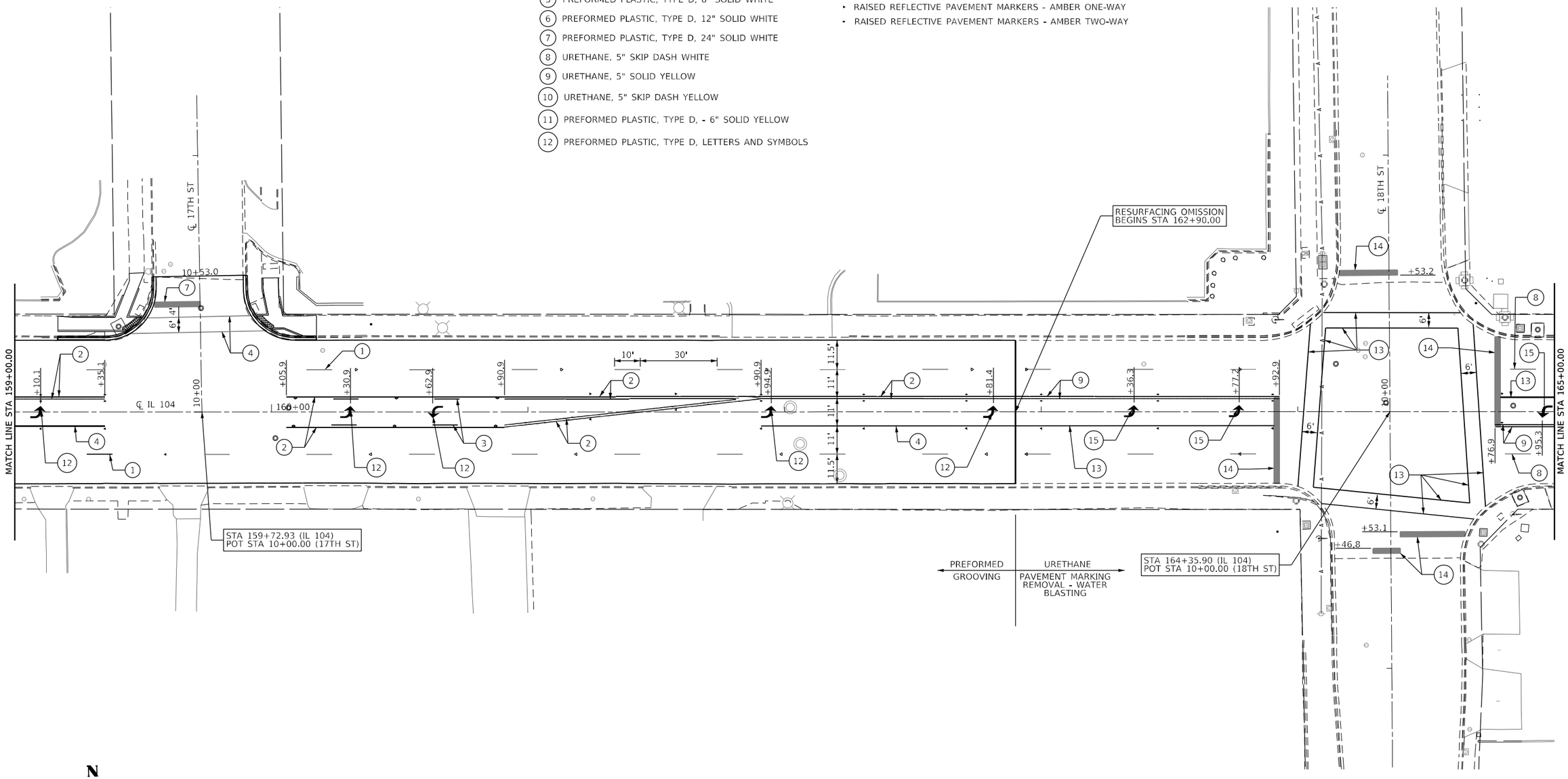
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 145
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 4 OF 20 SHEETS STA. 153+00.00 TO STA. 159+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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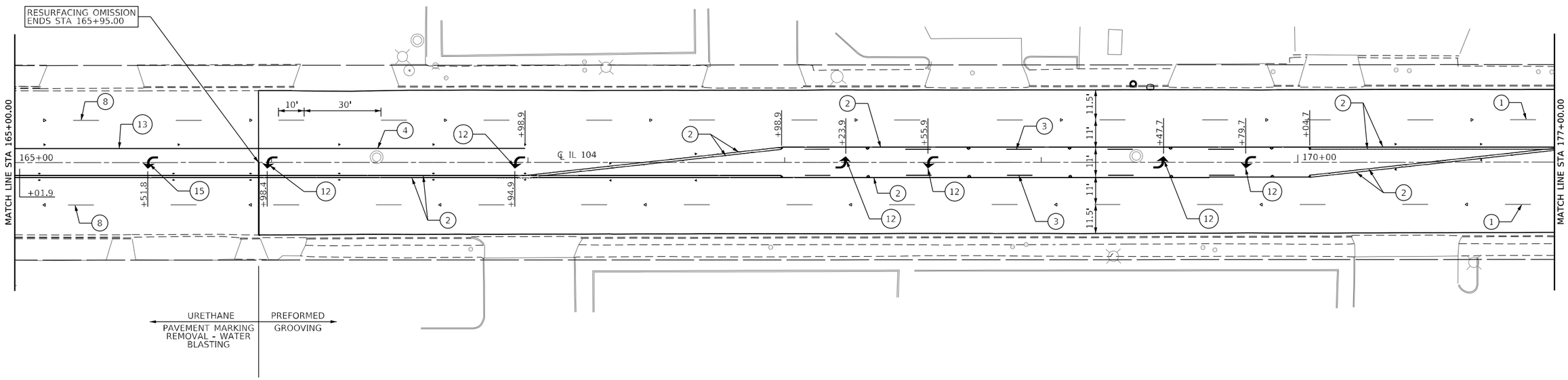
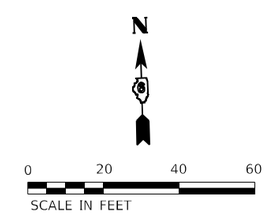
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1.SW	ADAMS	171 / 146
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 5 OF 20 SHEETS STA. 159+00.00 TO STA. 165+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY





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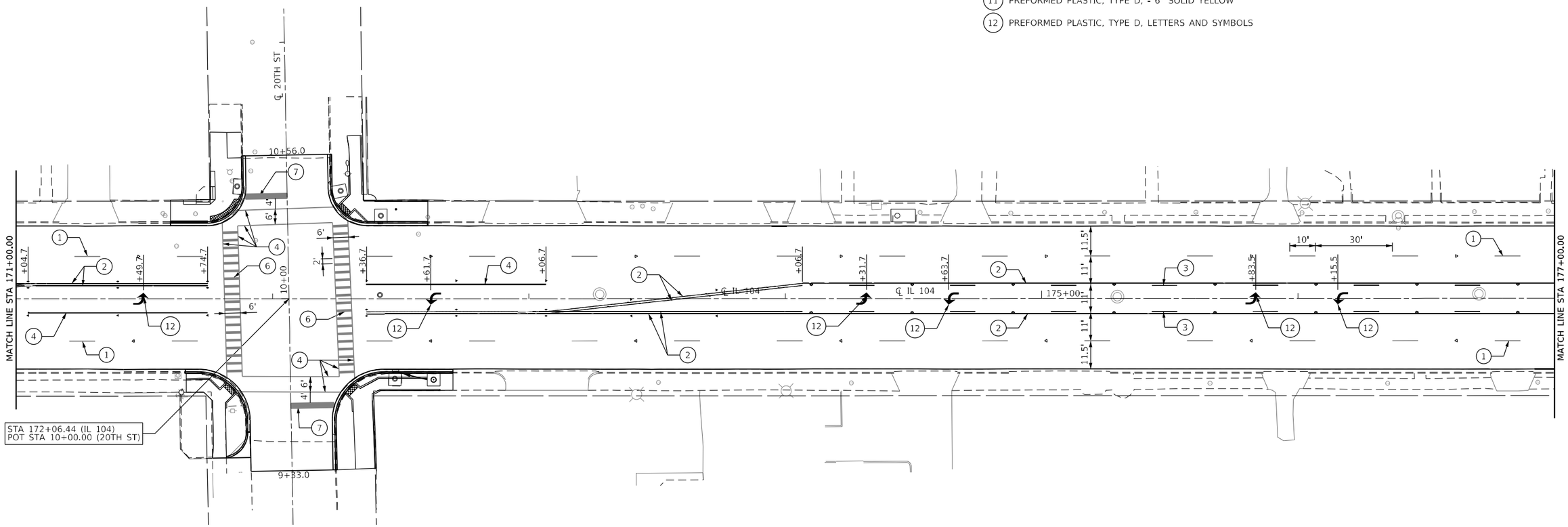
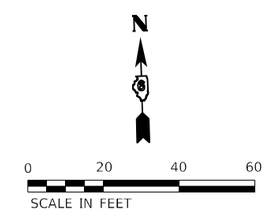
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 147
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 6 OF 20 SHEETS STA. 165+00.00 TO STA. 171+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY





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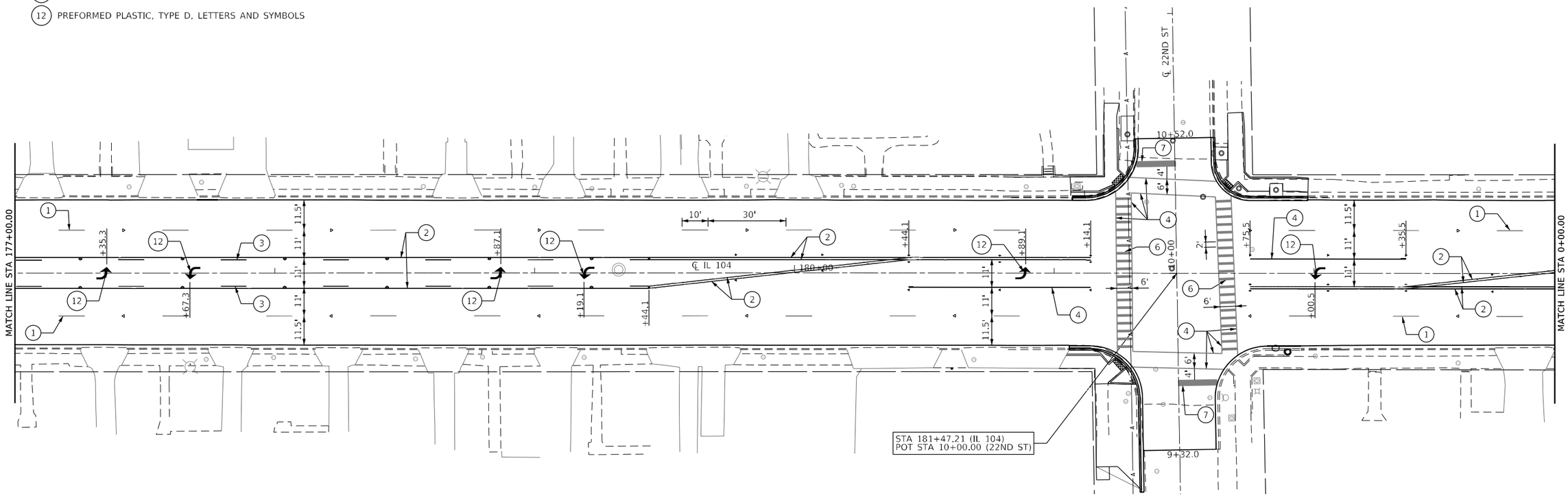
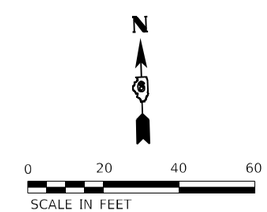
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 148
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 7 OF 20 SHEETS STA. 171+00.00 TO STA. 177+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY





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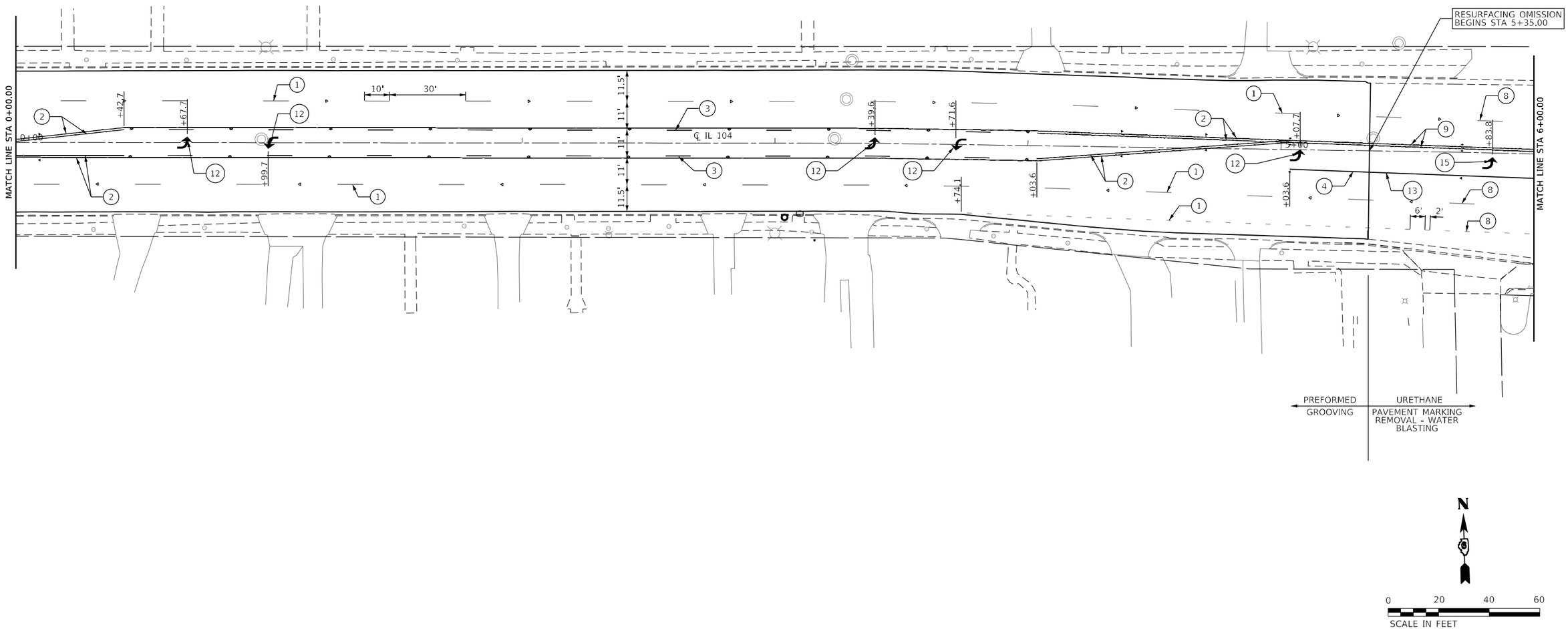
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 149
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 8 OF 20 SHEETS STA. 177+00.00 TO STA. 0+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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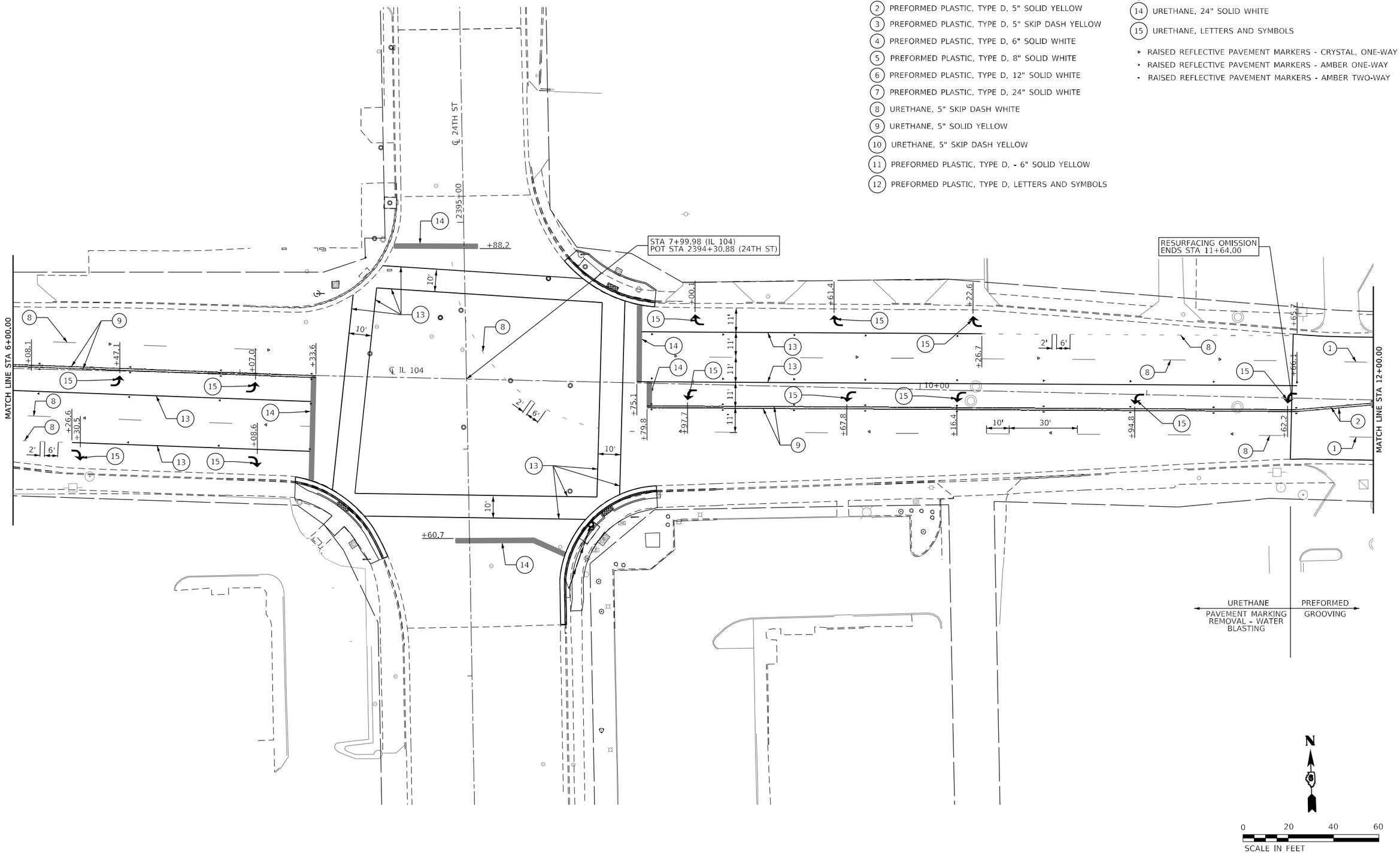
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 150
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' / SHEET 9 OF 20 SHEETS / STA. 0+00.00 TO STA. 6+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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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 = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

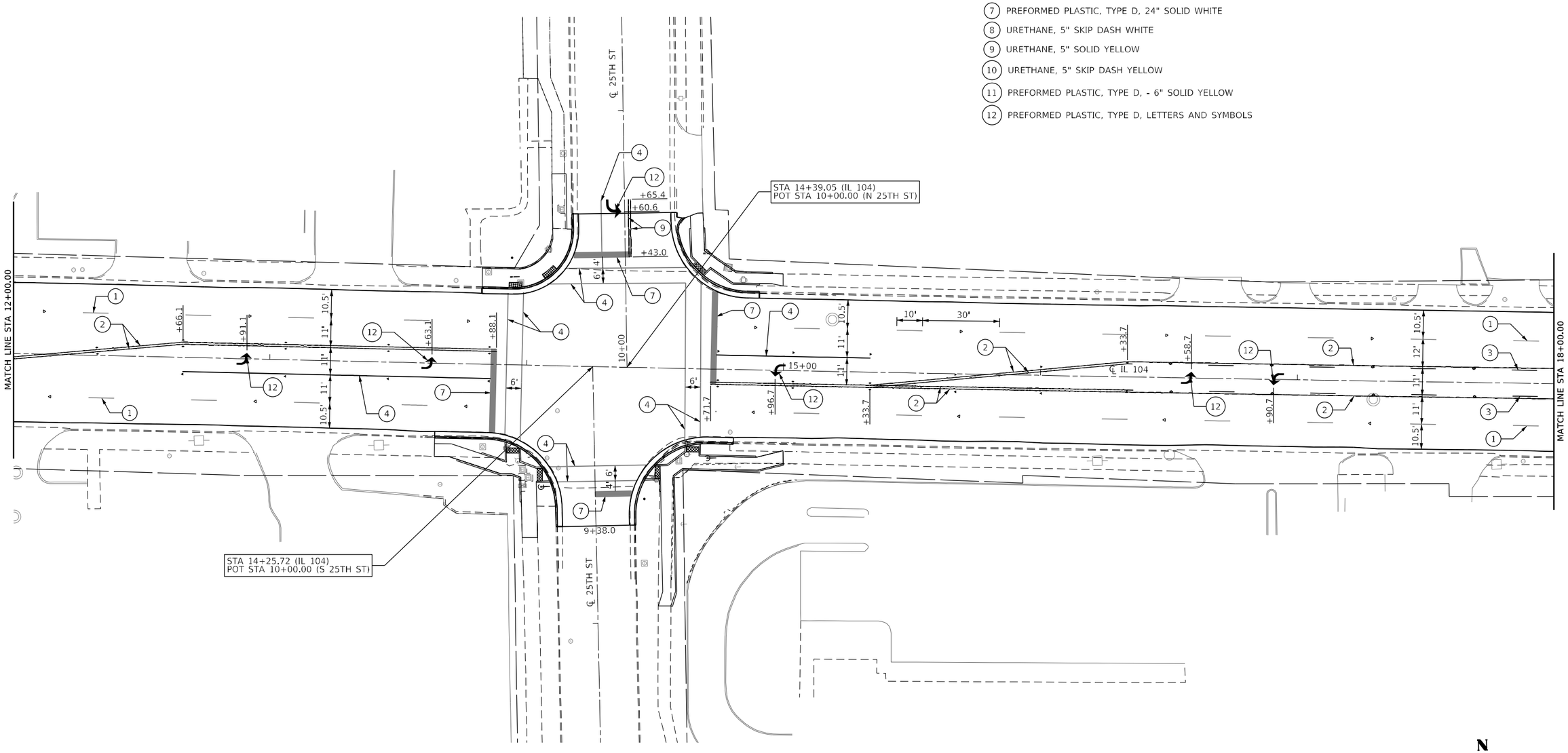
SCALE: 1"=20' | SHEET 10 OF 20 SHEETS | STA. 6+00.00 TO STA. 12+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1.SW	ADAMS	171	151
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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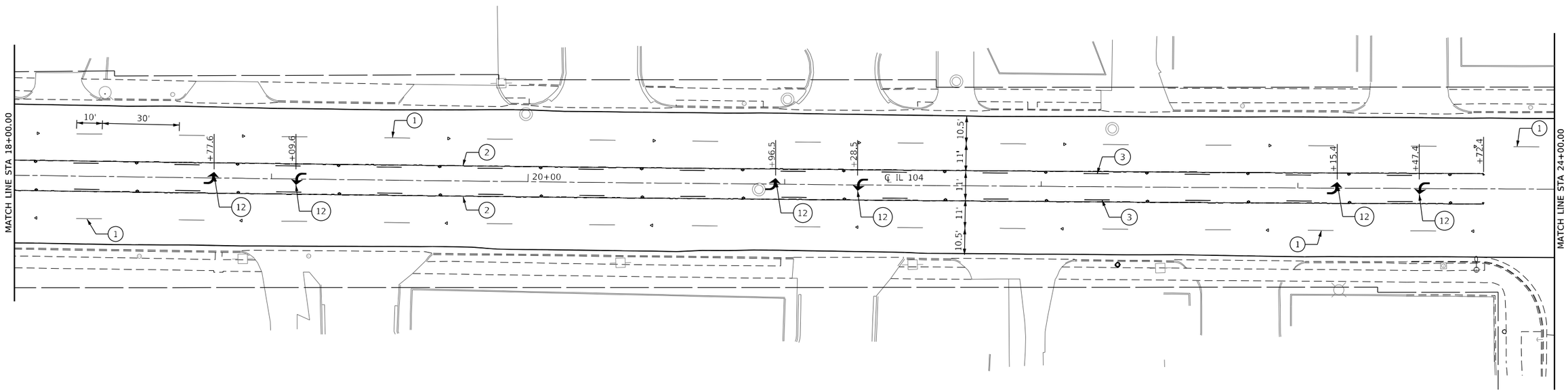
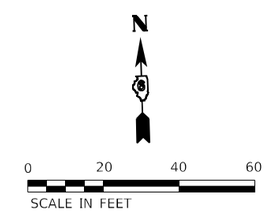
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 152
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 11 OF 20 SHEETS STA. 12+00.00 TO STA. 18+00.00			ILLINOIS FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY





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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

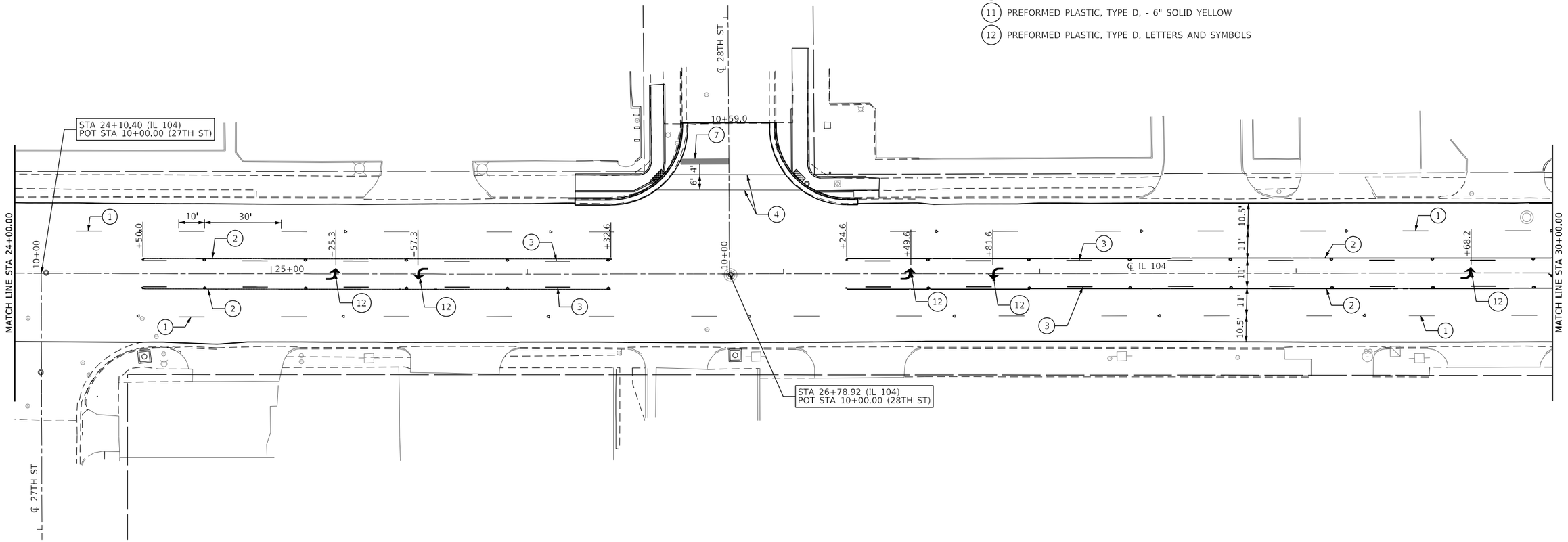
SCALE: 1"=20' | SHEET 12 OF 20 SHEETS | STA. 18+00.00 TO STA. 24+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	153
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



N

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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 154
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 13 OF 20 SHEETS STA. 24+00.00 TO STA. 30+00.00		ILLINOIS	FED. AID PROJECT	

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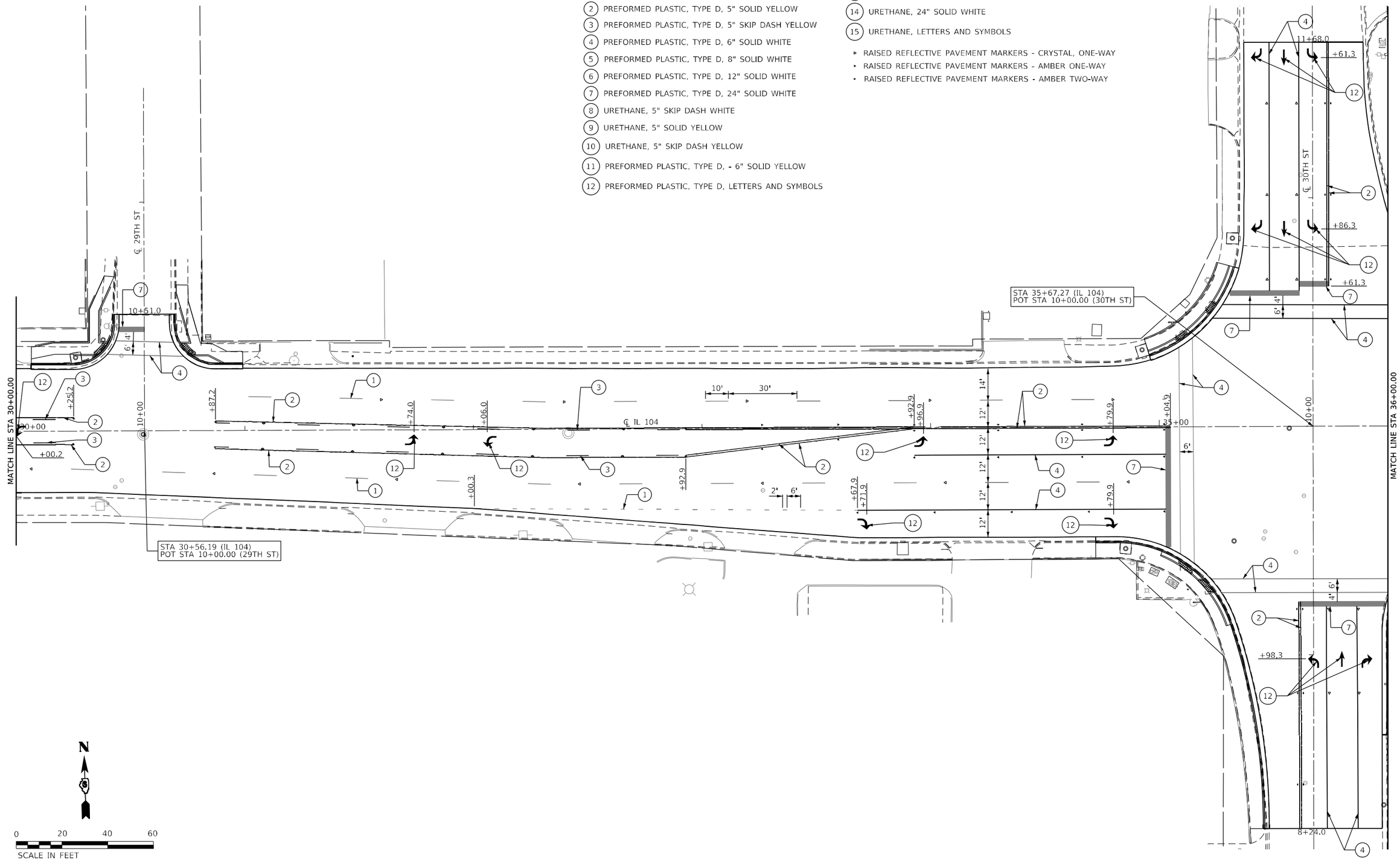
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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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 = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 745 (IL 104)
PAVEMENT MARKING PLAN

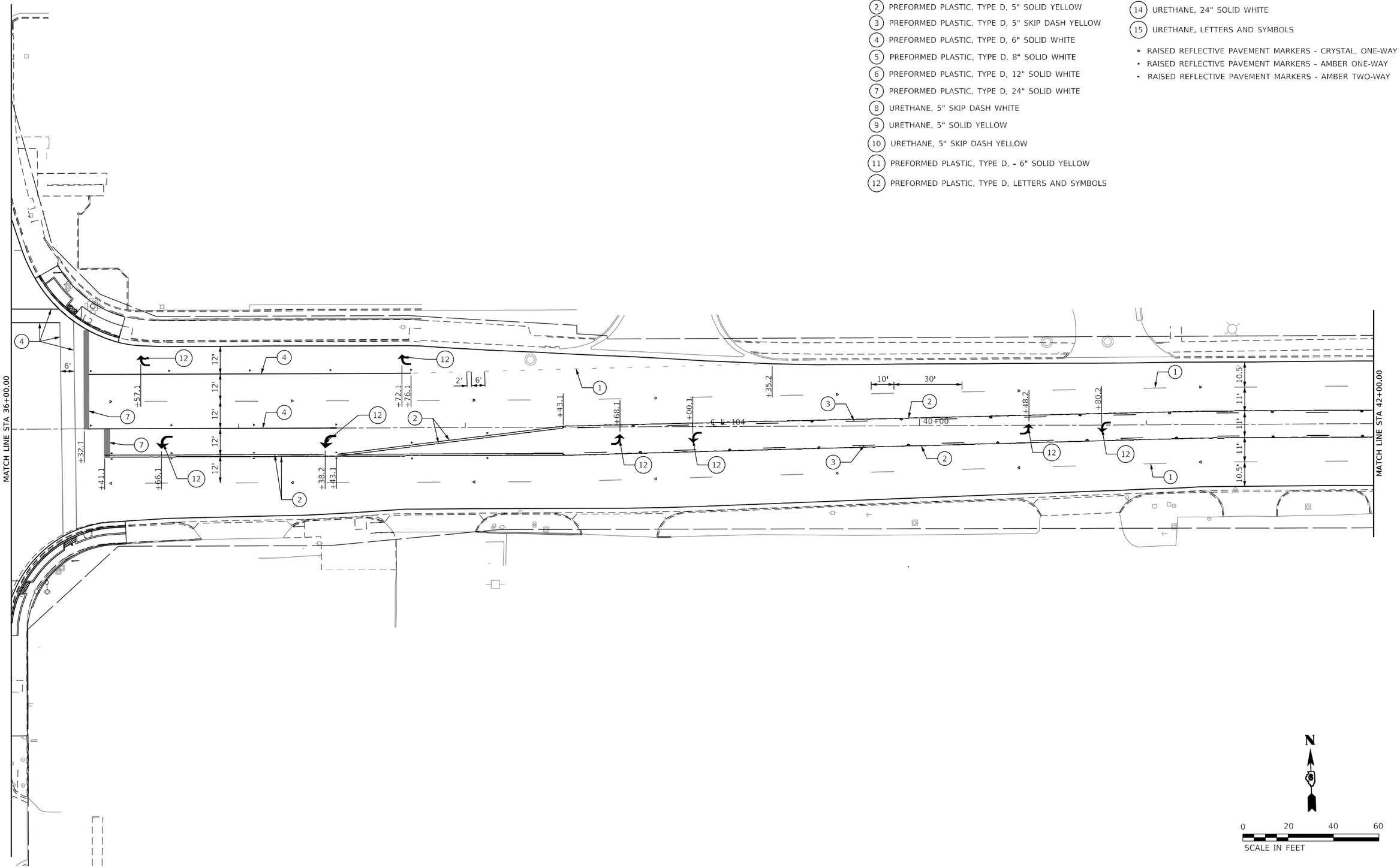
SCALE: 1"=20' | SHEET 14 OF 20 SHEETS | STA. 30+00.00 TO STA. 36+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	155
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1.SW	ADAMS	171 / 156
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' / SHEET 15 OF 20 SHEETS / STA. 36+00.00 TO STA. 42+00.00			ILLINOIS / FED. AID PROJECT	

MODEL: Default
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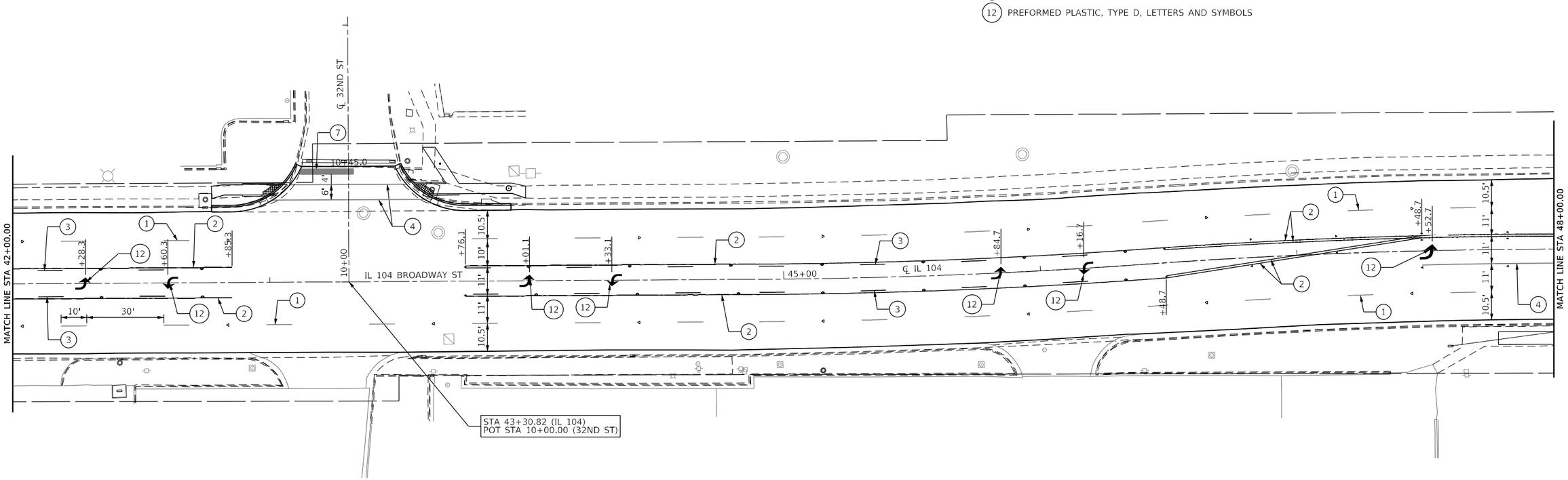
LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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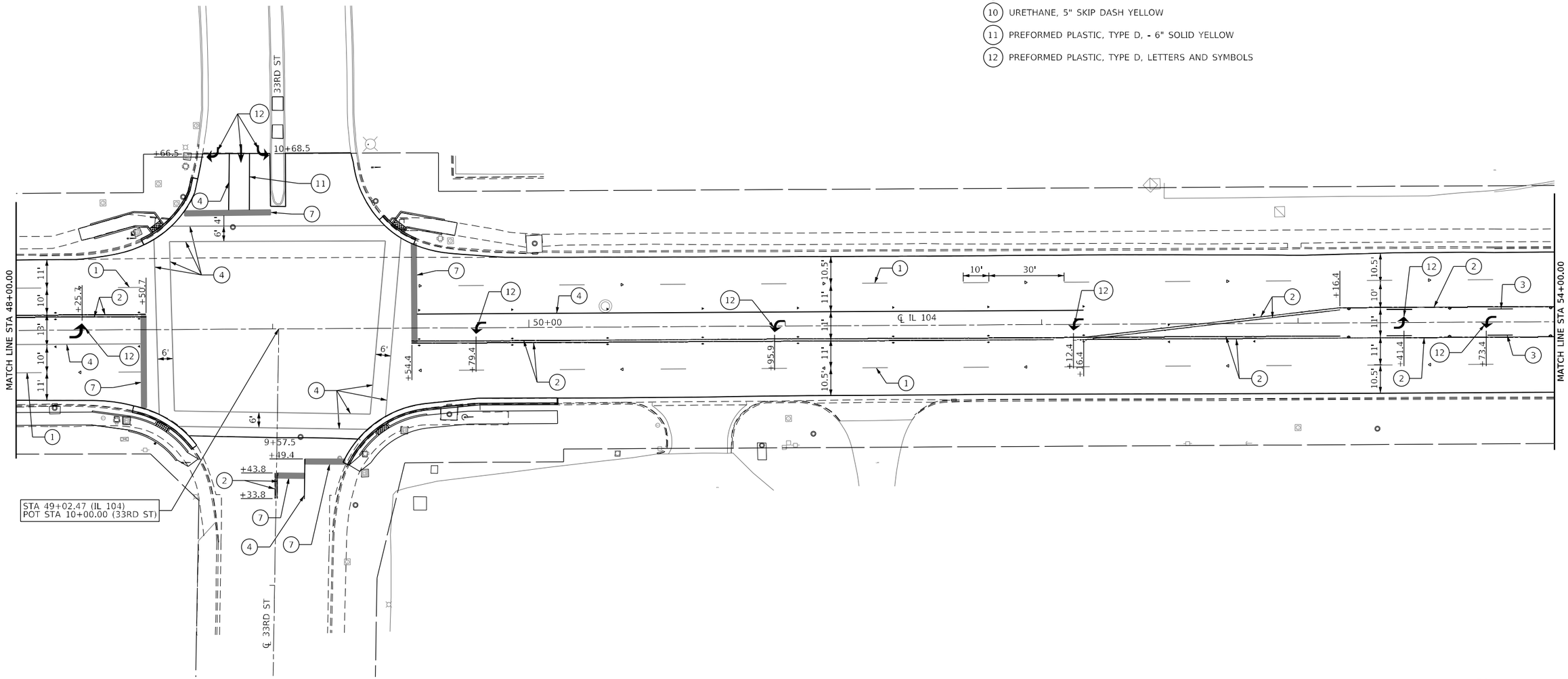
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3870 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 157
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 16 OF 20 SHEETS STA. 42+00.00 TO STA. 48+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 158
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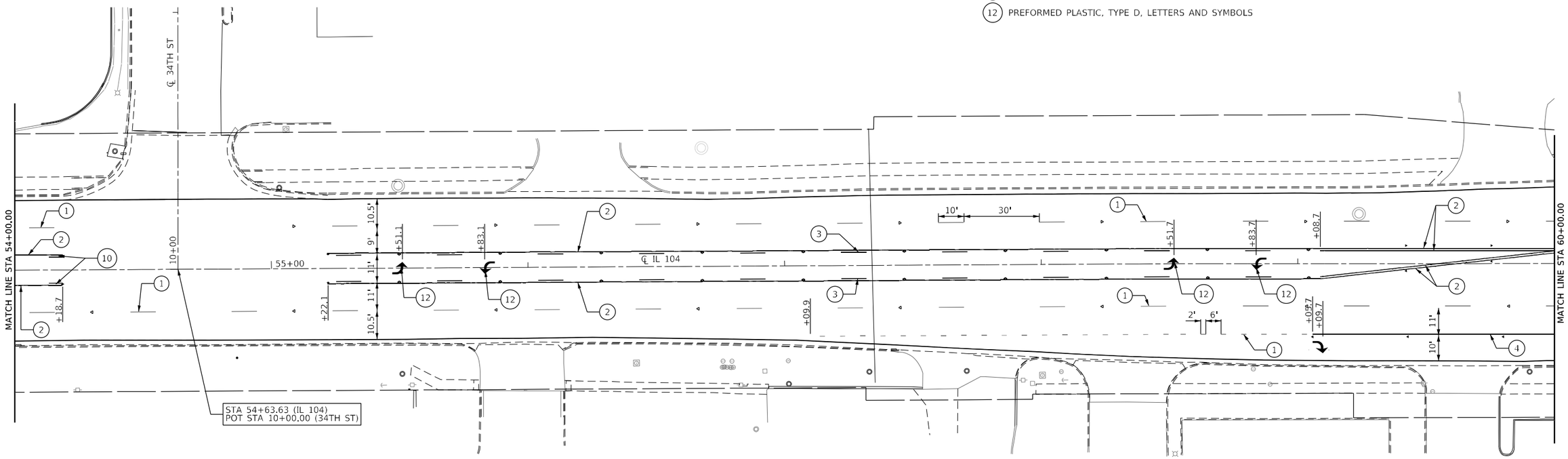
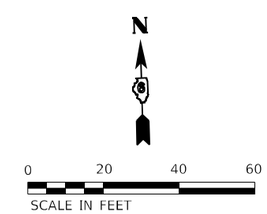
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' / SHEET 17 OF 20 SHEETS / STA. 48+00.00 TO STA. 54+00.00			ILLINOIS FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY





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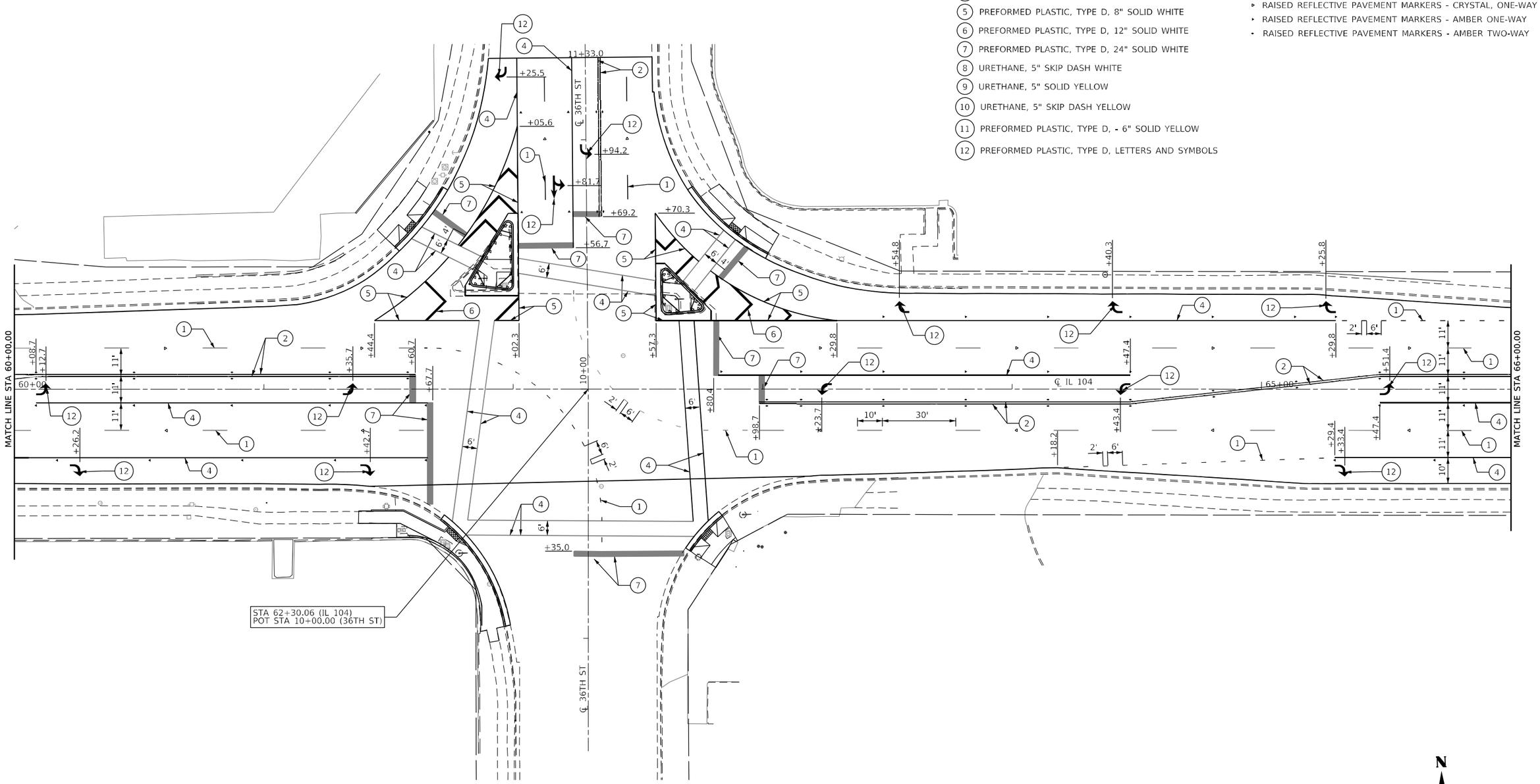
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 159
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 18 OF 20 SHEETS STA. 54+00.00 TO STA. 60+00.00		ILLINOIS	FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST., QUINCY, ILLINOIS 62301 217.223.3970 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 160
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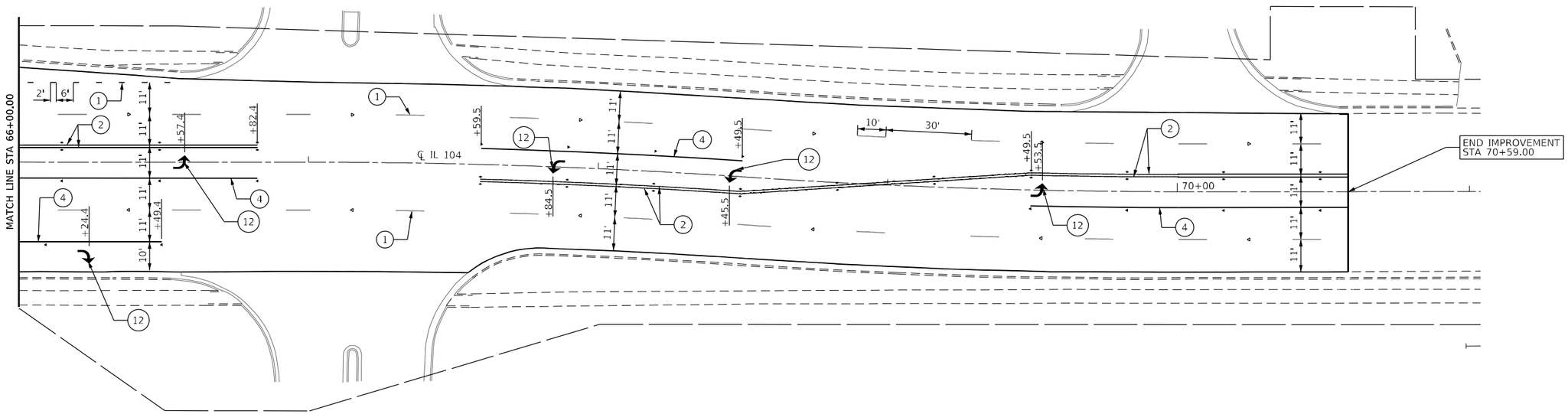
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 19 OF 20 SHEETS STA. 60+00.00 TO STA. 66+00.00			ILLINOIS FED. AID PROJECT	

LEGEND:

1. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH WHITE
2. PREFORMED PLASTIC, TYPE D, 5" SOLID YELLOW
3. PREFORMED PLASTIC, TYPE D, 5" SKIP DASH YELLOW
4. PREFORMED PLASTIC, TYPE D, 6" SOLID WHITE
5. PREFORMED PLASTIC, TYPE D, 8" SOLID WHITE
6. PREFORMED PLASTIC, TYPE D, 12" SOLID WHITE
7. PREFORMED PLASTIC, TYPE D, 24" SOLID WHITE
8. URETHANE, 5" SKIP DASH WHITE
9. URETHANE, 5" SOLID YELLOW
10. URETHANE, 5" SKIP DASH YELLOW
11. PREFORMED PLASTIC, TYPE D, - 6" SOLID YELLOW
12. PREFORMED PLASTIC, TYPE D, LETTERS AND SYMBOLS
13. URETHANE, 6" SOLID WHITE
14. URETHANE, 24" SOLID WHITE
15. URETHANE, LETTERS AND SYMBOLS

- RAISED REFLECTIVE PAVEMENT MARKERS - CRYSTAL, ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER ONE-WAY
- RAISED REFLECTIVE PAVEMENT MARKERS - AMBER TWO-WAY



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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 = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 745 (IL 104) PAVEMENT MARKING PLAN	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 161
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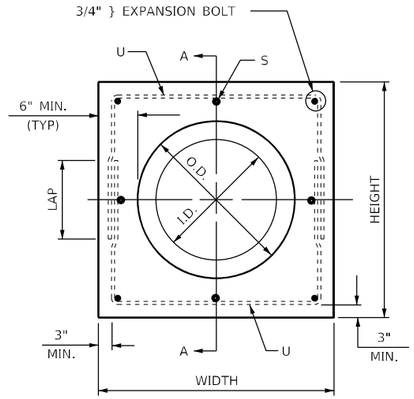
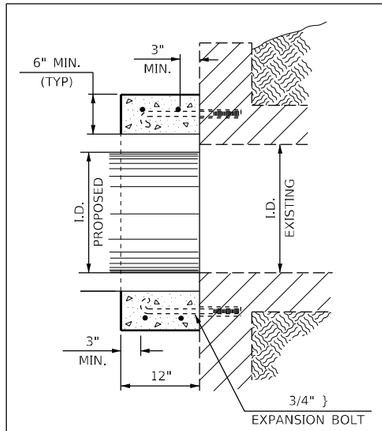
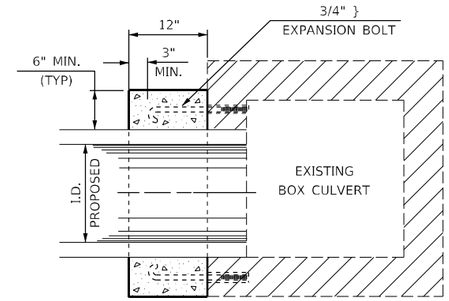
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: 1"=20' SHEET 20 OF 20 SHEETS STA. 66+00.00 TO STA. 72+00.00		ILLINOIS	FED. AID PROJECT	



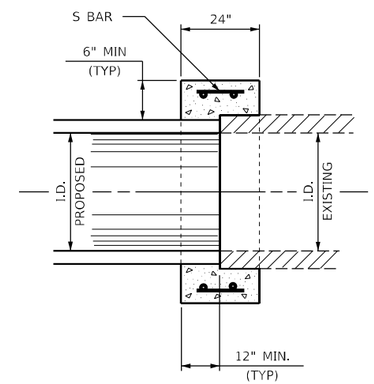
PIPE CULVERT EXTENSION COLLAR



SECTION TYPE A
(BOX END EXTENSION)

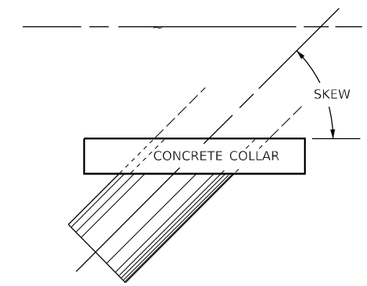


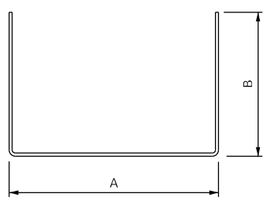
SECTION TYPE B
(PIPE IN SIDE EXTENSION)



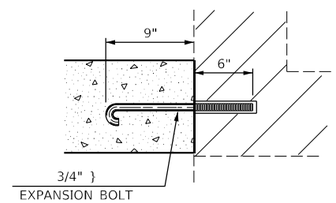
SECTION TYPE C
(PIPE END TO PIPE EXTENSION
NO EXPANSION BOLTS REQUIRED)

SECTION A - A





#4 U - BAR



EXPANSION BOLT DETAIL

NOTES:

1. EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND ¾" } HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE MINIMUM CERTIFIED PROOF LOAD - 4,080 LBS.
2. USE MINIMUM OF 1 (ONE) EXPANSION BOLT AT EACH CORNER.

LOCATION	STATION	OFFSET	SECTION TYPE	SKEW	EXISTING CULVERT	PROPOSED CULVERT		COLLAR		REINFORCEMENT BARS										EXPANSION BOLTS 3/4 "	CLASS SI CONRETE COLLAR
										S BAR			U BAR						LB		
					SIZE	I.D.	O.D.	HEIGHT	WIDTH	NO.	SIZE	LENGTH	NO.	SIZE	A	B	LAP	LENGTH		EACH	CU YD
IL 104	26+53.3	LT	C	11°	12"	12"	16"	28"	28"	4	#4	18"	4	#4	22"	15"	8"	37"	12.2	-	0.30
IL 104	27+06.6	LT	C	0°	12"	12"	16"	28"	28"	4	#4	18"	4	#4	22"	15"	8"	37"	12.2	-	0.30
IL 104	30+75.1	LT	C	0°	12"	12"	16"	28"	28"	4	#4	18"	4	#4	22"	15"	8"	37"	12.2	-	0.30

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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

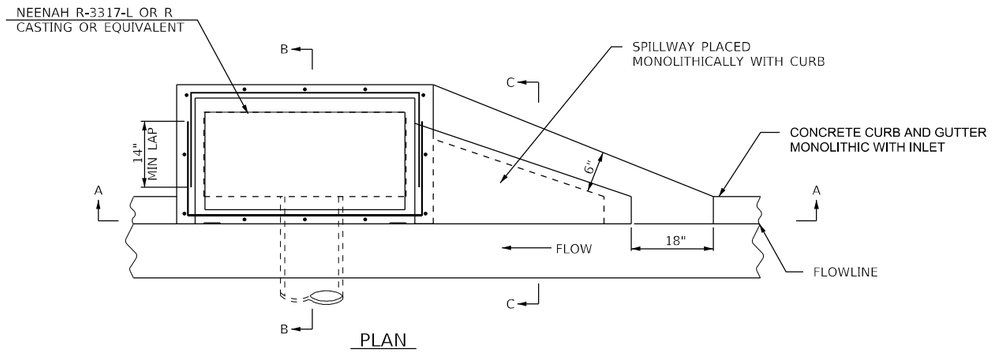
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

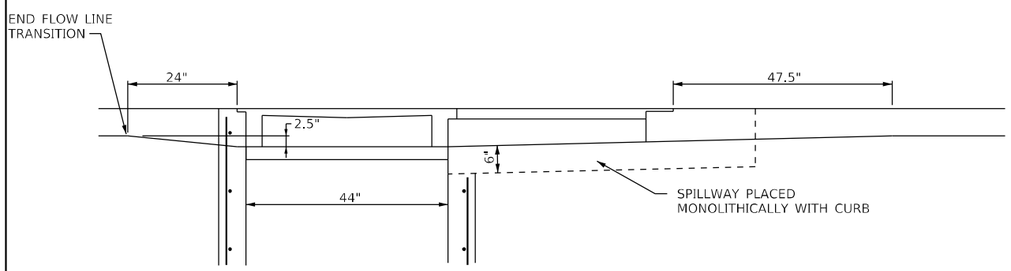
CONCRETE COLLAR DETAIL

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

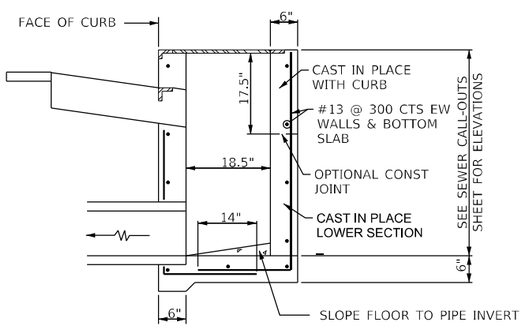
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	162
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



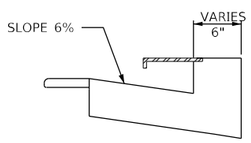
PLAN



SECTION A-A

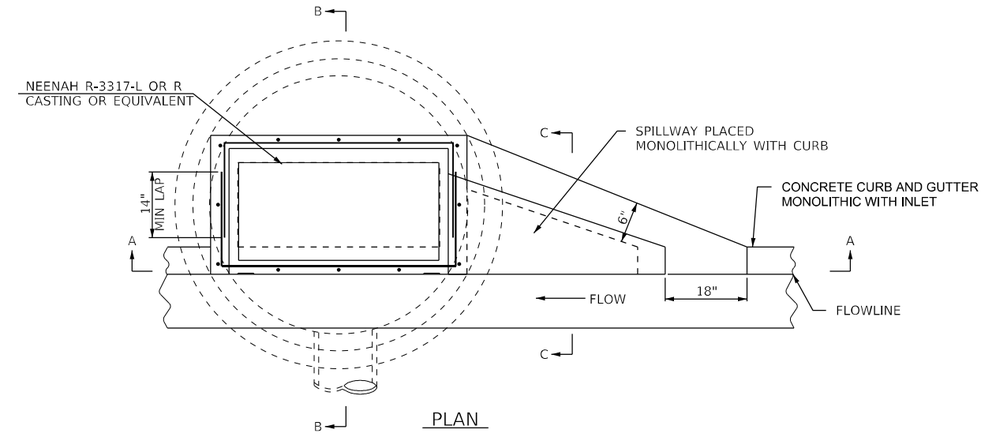


SECTION B-B



SECTION C-C

INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE



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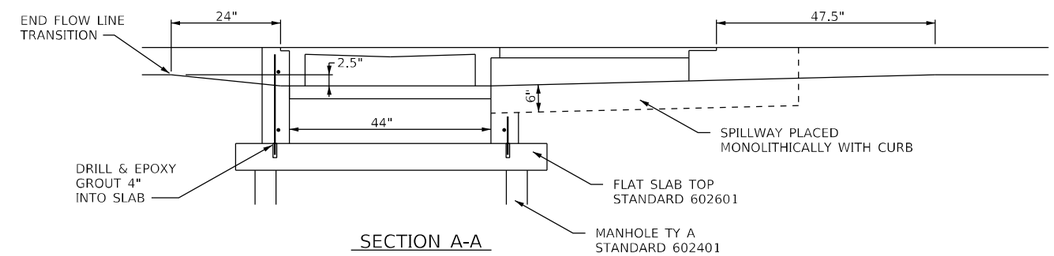
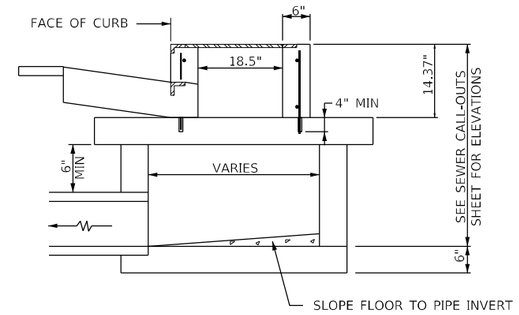
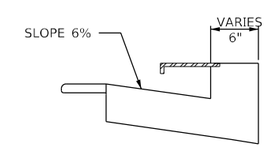


SECTION A-A



SECTION B-B

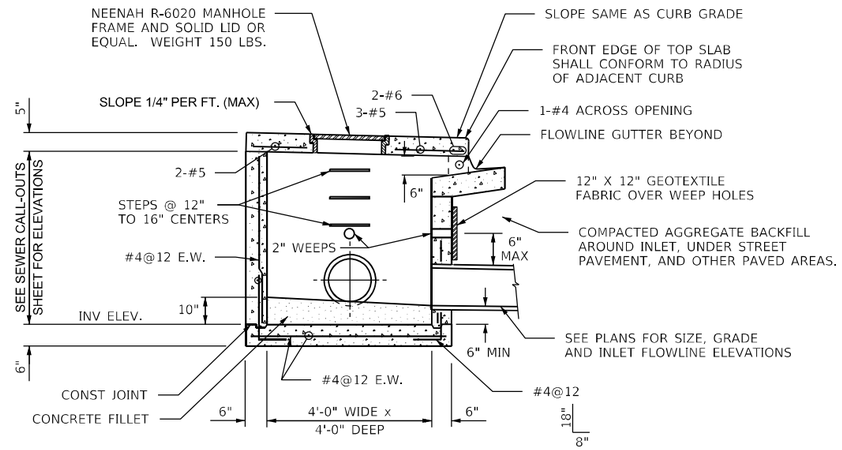


SECTION C-C

MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE

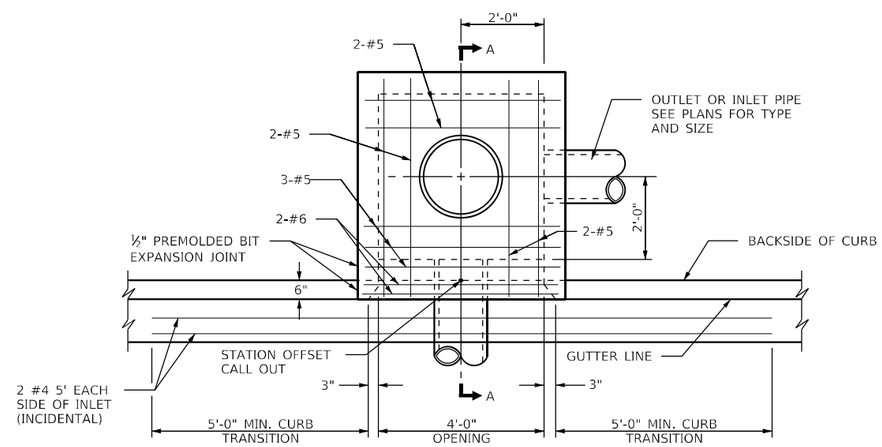
NOTES:

1. THE INLET SHALL BE CONSTRUCTED OF CLASS SI CONCRETE.
2. THE CONTRACT UNIT PRICE EACH FOR THE SPECIFIED SIZE AND TYPE OF MANHOLE SHALL INCLUDE FURNISHING AND INSTALLING THE CASTING AND LID, THE CONSTRUCTION OF THE CONCRETE WALLS, REINFORCEMENT BARS, ALL EXCAVATION NECESSARY TO CONSTRUCT THE STRUCTURE, AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ADDITIONALLY, IT WILL BE NECESSARY TO MEET ALL OTHER REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.
3. CONCRETE CURB AND GUTTER THROUGH INLET TO BE PAID FOR SEPARATELY.



SECTION A-A

SEE STANDARD 602701 FOR DETAILS OF STEPS.



PLAN

STATION OFFSET CALL OUT IS THE CENTER OF INLET AND THE BACK OF CURB.

INLETS (SPECIAL)

NOT TO SCALE

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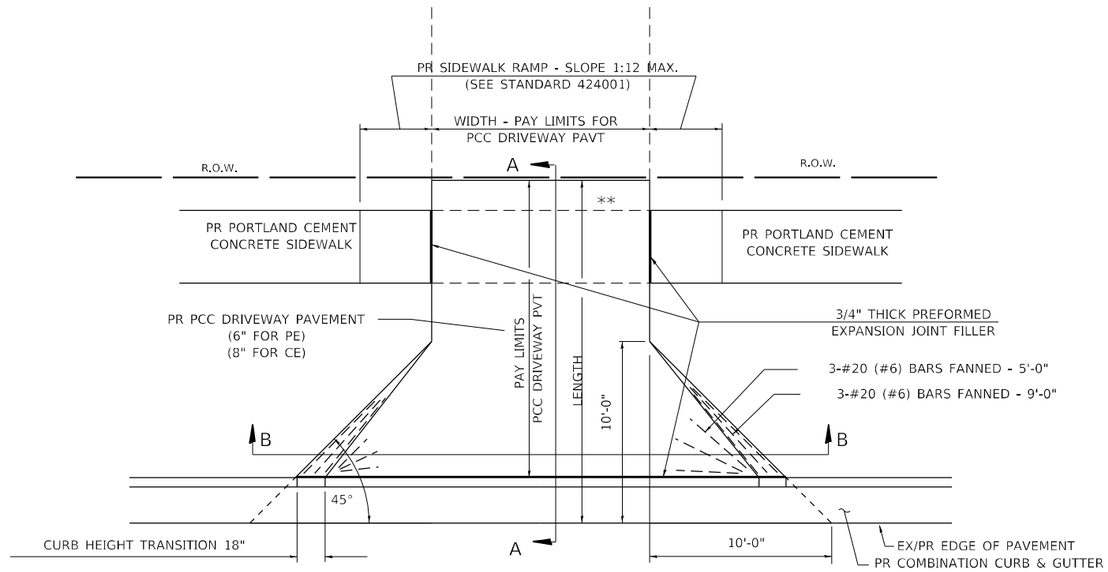
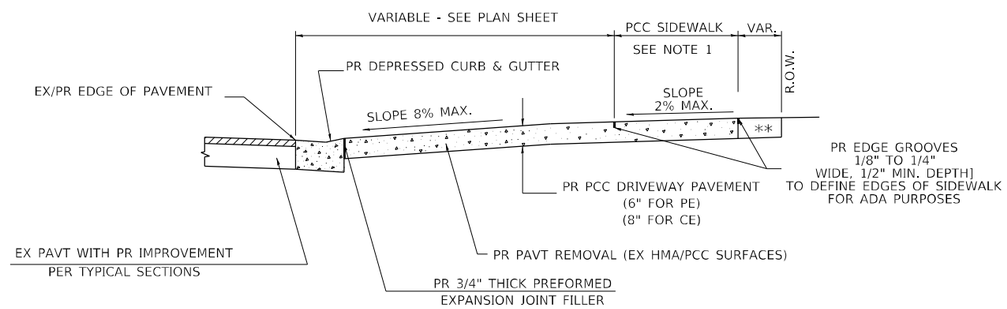
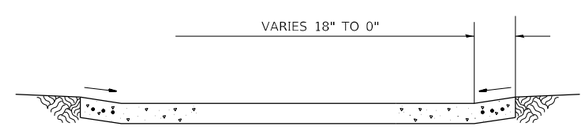
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = cschenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INLETS (SPECIAL) DETAIL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					745	103Z,RS-4, TS-1,SW	ADAMS	171	164
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 72K42		
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT		



PLAN - PE & CE



SECTION A-A



SECTION B-B

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.

**

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

* NOTE : IN AREAS WITH NO SIDEWALK, MATCH IN KIND BEHIND 10'-0" FLARE

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

USER NAME = cschenk	DESIGNED -	REVISED - 2/19/03 (JCN)	
	DRAWN - CADD	REVISED - 4/01/04 (JCN)	
PLOT SCALE = 40.000 ' / in.	CHECKED - JCN	REVISED -	
PLOT DATE = 5/16/2025	DATE - MARCH 17, 2000	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 6
ENTRANCE DETAIL

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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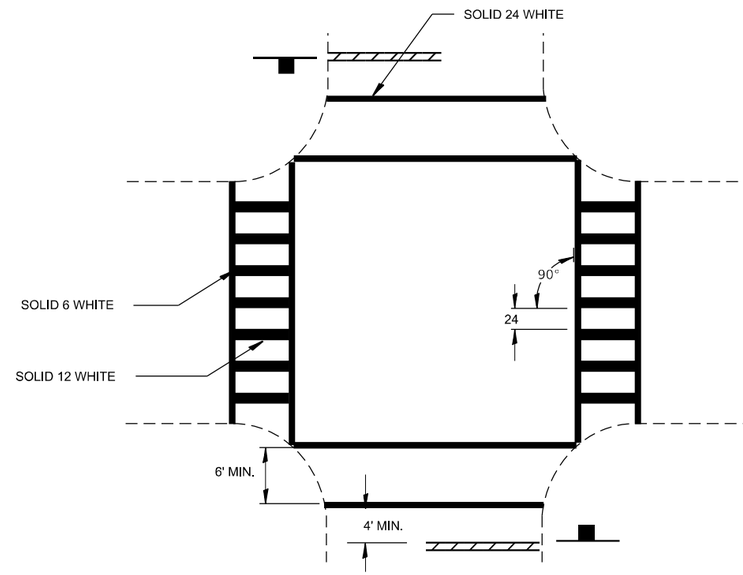
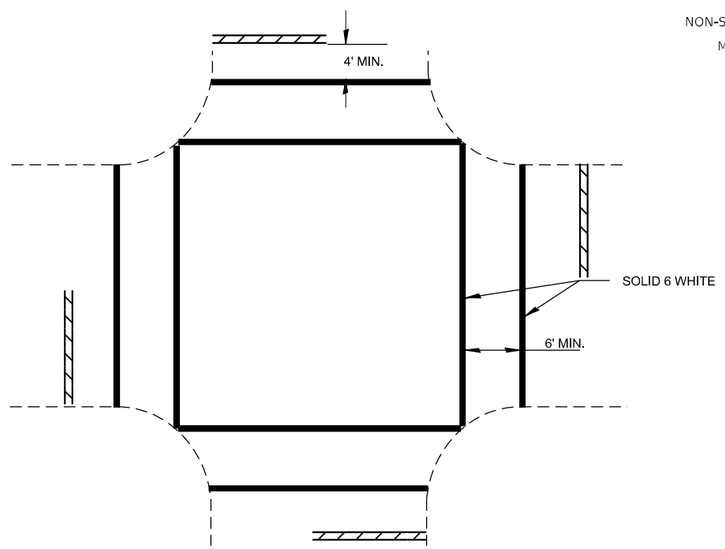
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		



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.

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

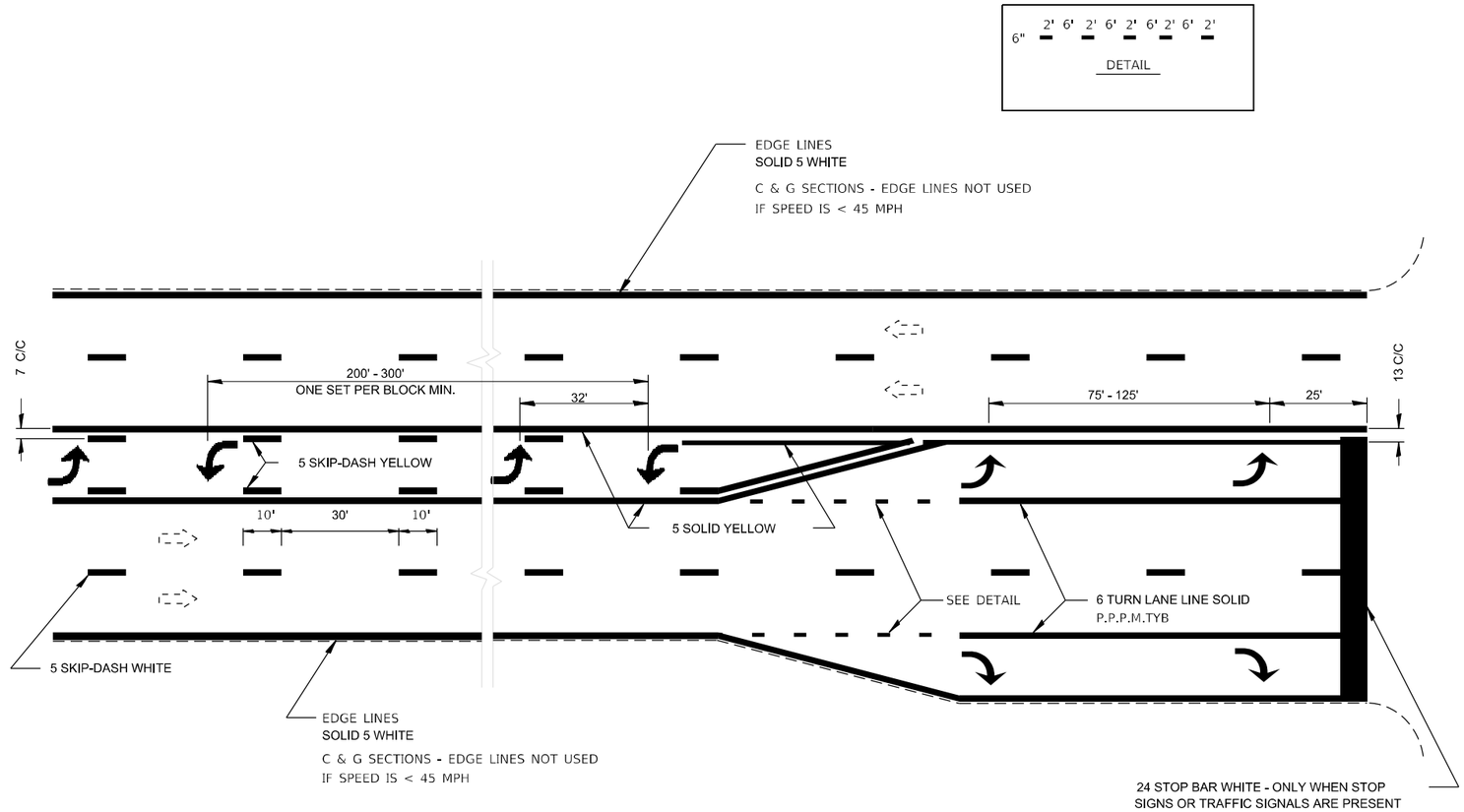
USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 1 OF 5 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	166
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



ALL TURN ARROWS 8'
CENTER TURN ARROWS IN PAIRS
USE LARGER ARROWS: 15.6 SQ FT

DETAIL

SINGLE TURN LANE
AND
LEFT TURN LANE CHANNELIZATION

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

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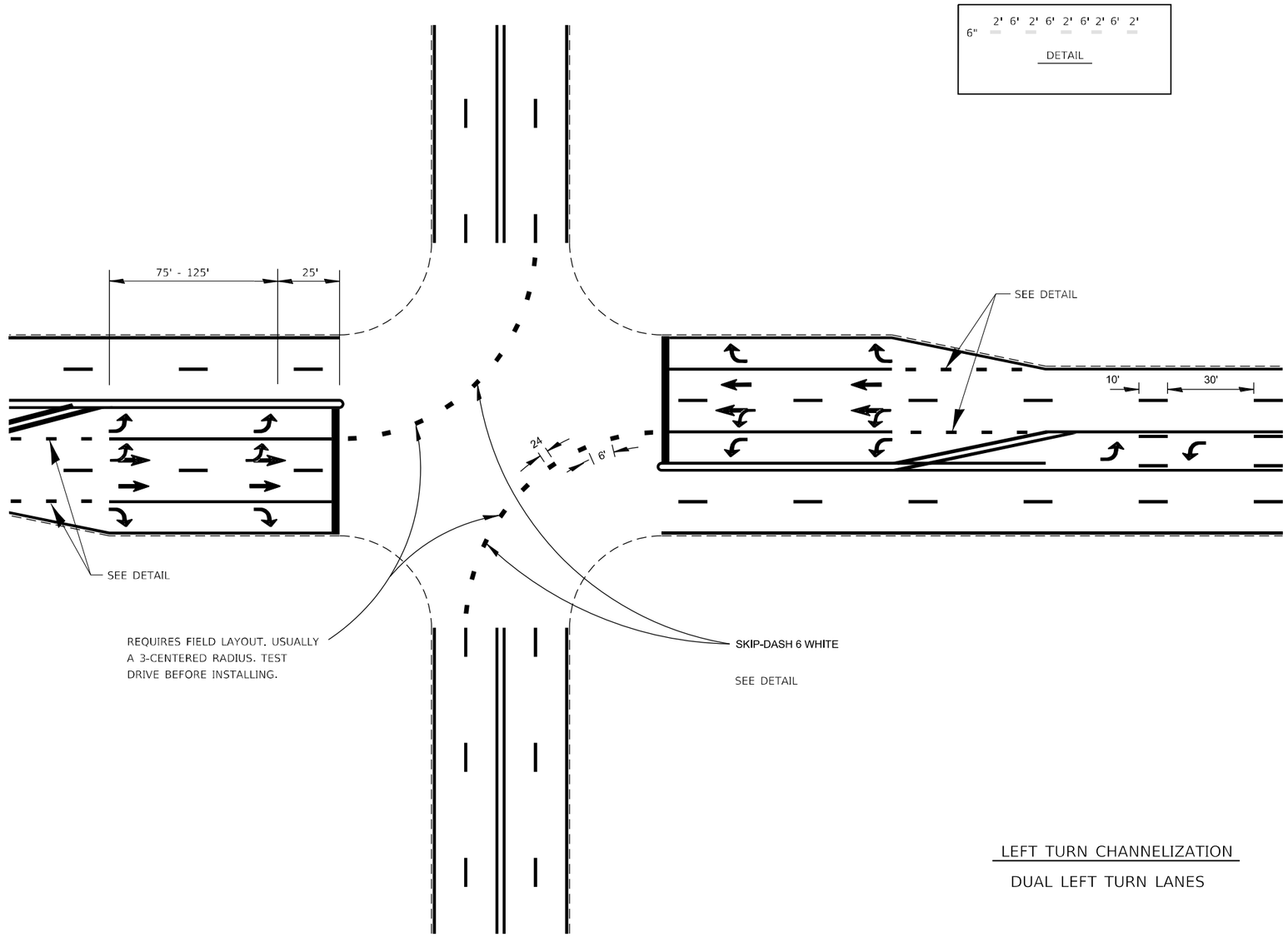
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 167
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE / SHEET 2 OF 5 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	



LEFT TURN CHANNELIZATION

DUAL LEFT TURN LANES

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

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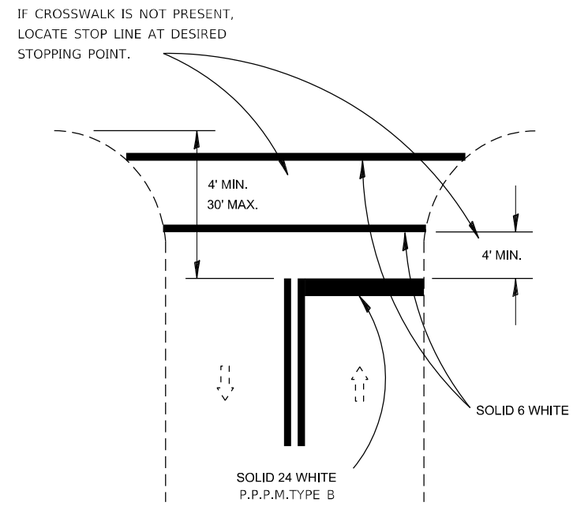
		DRAWN -	REVISED -			745	103Z,RS-4, TS-1,SW	ADAMS	171 / 168
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K42	
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE: NONE / SHEET 3 OF 5 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	

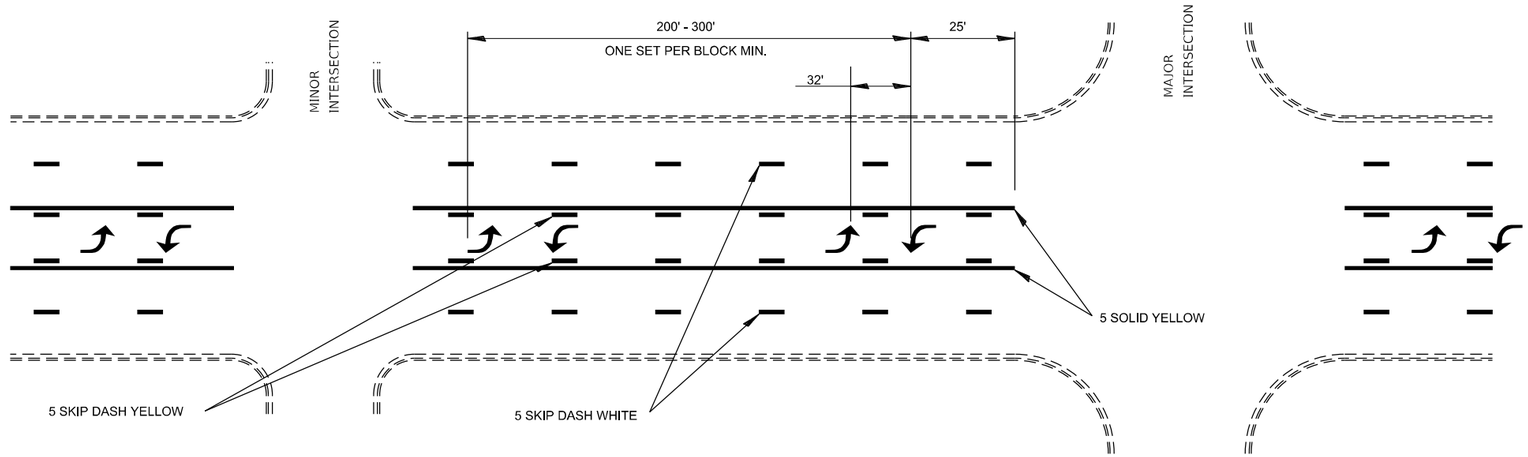


RURAL

RELEASE NO PASSING ZONE
100 FT AFTER STOP BAR
WHERE APPROPRIATE

500' FT PASSING
ZONE APPROACHING STOP BAR

STOP LINES



MULTILANE DIVIDED
BI-DIRECTIONAL LANE

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

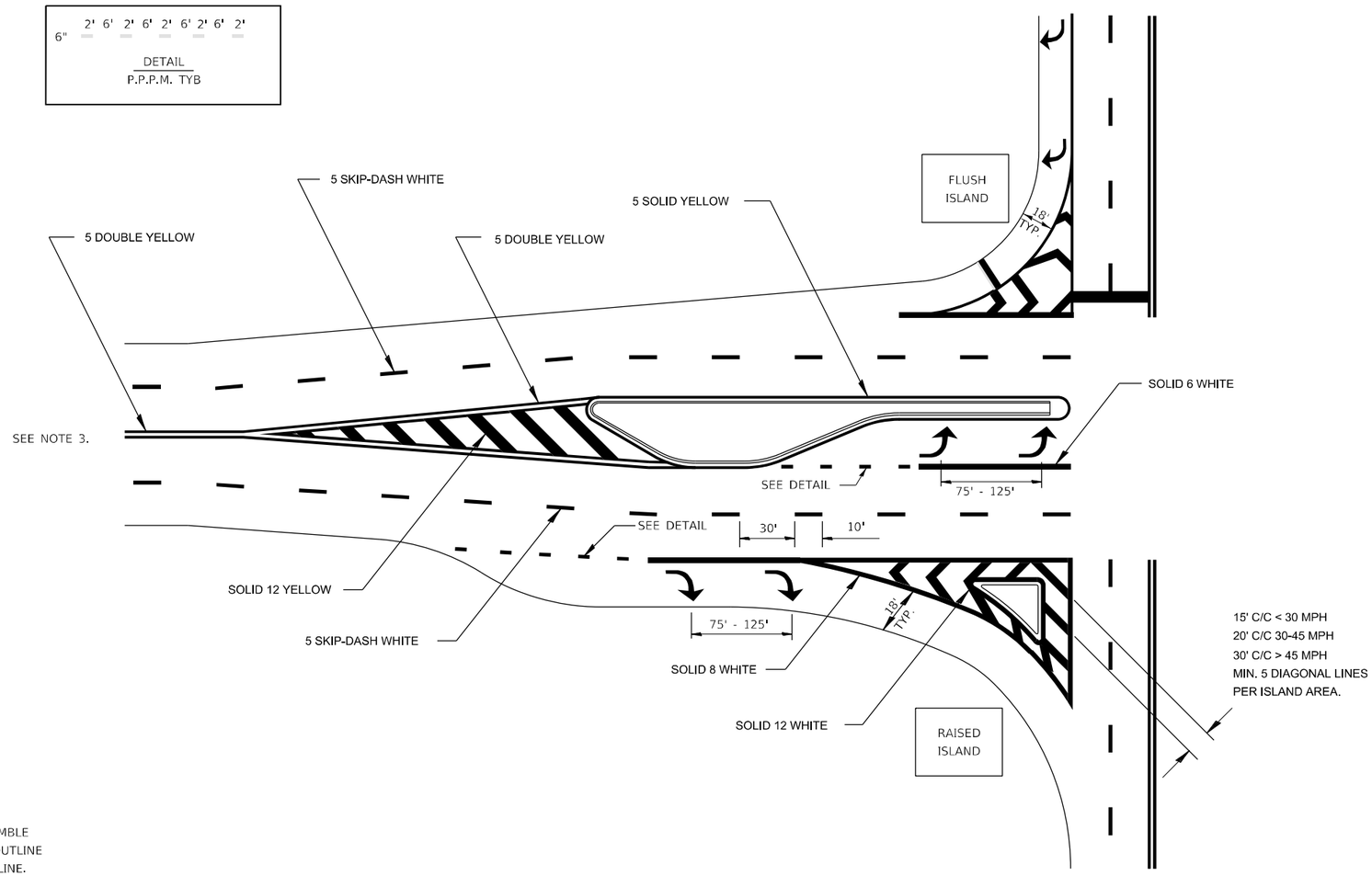
USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: NONE | SHEET 4 OF 5 SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	169
		CONTRACT NO. 72K42		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. DIAGONALS MAY BE OMITTED WHERE RUMBLE APPROACH TO CENTER ISLAND IS USED. OUTLINE ALL RUMBLE AREA WITH SINGLE YELLOW LINE.

2. SEE FIGURE 3-13 OF THE MUTCD FOR RECOMMENDED TAPER LENGTHS.

3. BEGIN NO PASSING ZONE 500FT BEFORE PAINTED MEDIAN. RELEASE NO PASSING ZONE 100 FT AFTER PAINTED MEDIAN WHERE APPROPRIATE.

OFF-SET ISLANDS AND ISLAND APPROACH MARKINGS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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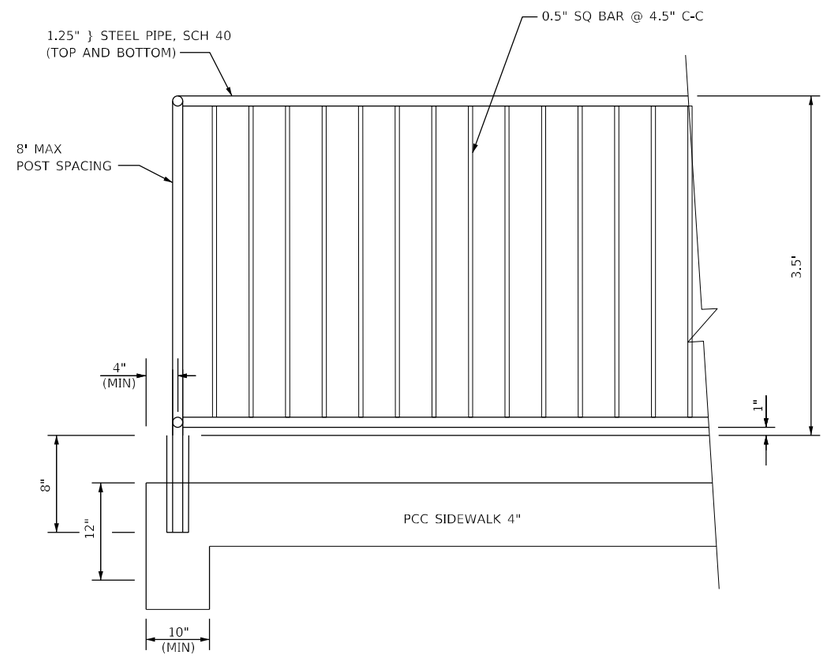
USER NAME = cschenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	170
		CONTRACT NO. 72K42		
		ILLINOIS FED. AID PROJECT		



*THICKENED SIDEWALK FOR THE INSTALLATION OF PEDESTRIAN PIPE RAILING TO BE INCLUDED IN THE COST OF PCC SIDEWALK 4 INCH (SPECIAL).

THIS WORK WILL CONSIST OF FURNISHING ALL MATERIALS AND NECESSARY LABOR TO INSTALL A PEDESTRIAN RAILING IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 509 OF THE STANDARD SPECIFICATIONS, AT LOCATIONS AND DETAILS SHOWN ON THE PLANS, AND AS DIRECTED BY THE ENGINEER.

THE RAILING WILL BE GALVANIZED STEEL OR ALUMINUM.

SHOP PREFABRICATE IN AS LARGE SECTIONS AS PRACTICABLE, AND IN STRICT ACCORDANCE WITH THE APPROVED SHOP DRAWINGS AND PERTINENT REQUIREMENTS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION.

INSTALL THE RAILING IN ACCORDANCE WITH THE DESIGN, THE APPROVAL OF THE SHOP DRAWINGS, PERTINENT REQUIREMENTS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION, AND THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AS APPROVED BY THE ENGINEER, ANCHORING ALL COMPONENTS FIRMLY INTO POSITION FOR LONG LIFE UNDER HARD USE.

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cschenk	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN RAILING DETAIL

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
745	103Z,RS-4, TS-1,SW	ADAMS	171	171
		CONTRACT NO. 72K42		
	ILLINOIS	FED. AID PROJECT		