

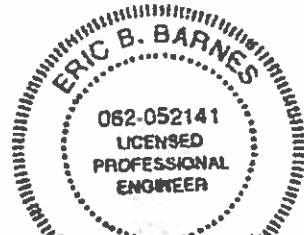
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	1
		ILLINOIS	CONTRACT NO. 72H83	

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 321 (US 54, IL 106)
 SECTION (20, 107) RS-8, ADA
 PROJECT NHPP-HSIP-P3Z4(920)
 RESURFACING (3P), INTERSECTION AND ADA IMPROVEMENTS
 PIKE COUNTY

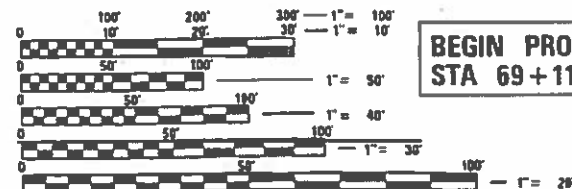
FOR INDEX OF SHEETS, SEE SHEET NO. 2



Eric B. Barnes 06/19

ERIC B. BARNES DATE
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS NO. 062-052141
 LICENSE EXPIRES NOVEMBER 30, 2019

DESIGN DESIGNATION:
 FAP 321 (US 54, IL 106)
 PRINCIPLE ARTERIAL
 US 54 ADT = 7038 (2015) 8848 (2038)
 %SU = 5.2
 %MU = 5.7

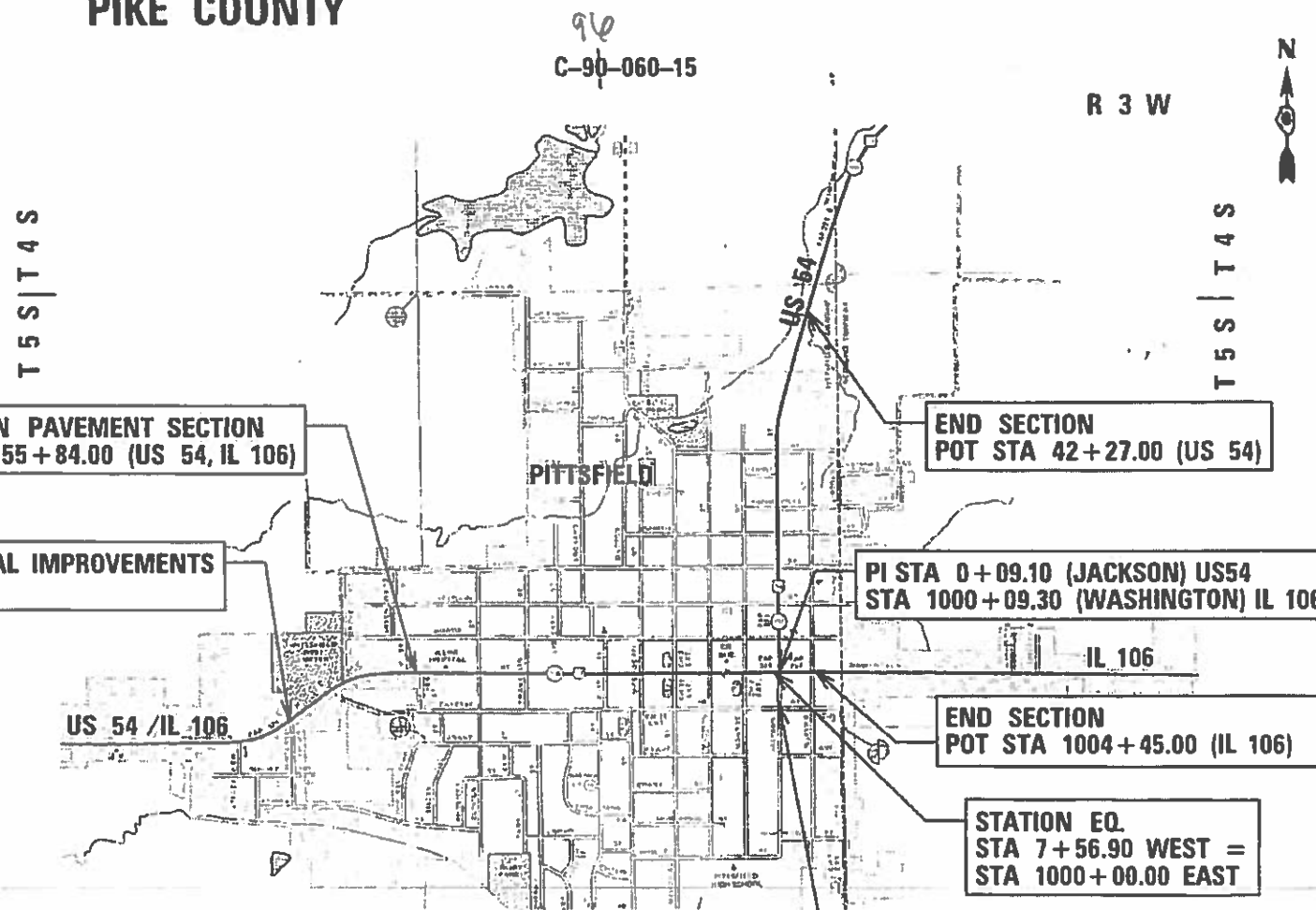


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SAL MADONIA (217) 782-4760
 TEAM MANAGER: CLOYD JACK (217) 524-0064

CONTRACT NO. 72H83



LOCATION MAP

SCALE: 1" = 500'
 GROSS LENGTH = 9171.20 FT. = 1.737 MILE
 NET LENGTH = 9171.20 FT. = 1.737 MILE



KLINGNER & ASSOCIATES, P.C.

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED: *Aug 14 2019*

[Signature] REGIONAL ENGINEER

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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STANDARDS

STANDARD NOS.					
000001-07	424011-04	602601-06	701701-10	814006-02	877011-10
001001-02	424021-05	604001-05	701801-06	821101-02	878001-10
280001-07	424026-03	604006-05	701901-08	857001-01	880006-01
420001-09	442101-09	604016-04	780001-05	862001-01	BLR 21-9
420701-03	442201-03	606001-07	781001-04	873001-02	
424001-11	602301-04	701501-06	805001-01	876001-04	
424006-04	602306-03	701502-09	814001-03	877006-06	

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	1.8 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
HOT-MIX ASPHALT:	
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB / SO FT (ON MILLED HMA & CONCRETE)
BITUMINOUS MATERIALS (TACK COAT)	0.025 LB / SO FT (BETWEEN LIFTS & ON BRICK)
BITUMINOUS MATERIALS (PRIME COAT)	0.25 LB / SO FT (ON AGGREGATE)
SURFACE / BINDER (112 lbs)	0.056 TON / SO 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

1. FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

GENERAL NOTES

1. ROADWAY IMPROVEMENTS ARE BROKEN DOWN INTO TWO CONSTRUCTION TYPE CODES. CODE 0005 (RESURFACING) IS DEFINED AS ALL US 54 IMPROVEMENTS FROM WEST OF ARCHER STREET TO NORTH OF BENSON STREET. CODE 0005 SIDEWALKS, CODE 0021 TRAFFIC SIGNALS, AND LIGHTING IS DEFINED FOR THE ADA IMPROVEMENTS AND INTERSECTION DESIGN STUDY UPDATES. THE SEPARATE BREAKOUTS ARE PROVIDED IN THE SUMMARY OF QUANTITIES.
2. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
4. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO HOT-MIX ASPHALT SURFACE REMOVAL AND/OR RESURFACING.
5. NO PASSING ZONES SHALL BE FIELD VERIFIED BY OPERATIONS, (217) 785-5312, 21 DAYS PRIOR TO FINAL PAVEMENT MARKINGS.
6. ACCESS TO ALL SIDEROADS AND ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
7. 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.
8. 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.
9. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	HMA SURFACE COURSE	BINDER COURSE, 3/4"	BINDER COURSE ≈ 2.25"	INCIDENTAL & SIDE ROADS
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 4.75	IL 19.0	IL 9.5
FRICITION AGGREGATE	MIX "D"	N/A	N/A	MIX "C"
QUALITY MANAGEMENT	OC/P	OC/OA	OC/P	OC/OA
SUBLOT SIZE	1000 TONS	N/A	1000 TONS	N/A

DISTRICT SIX

EXAMINED 7-30 20 19

[Signature]

OPERATIONS ENGINEER

EXAMINED June 28 20 19

[Signature]

PROGRAM DEVELOPMENT ENGINEER

EXAMINED 7-30 20 19

[Signature]

PROJECT IMPLEMENTATION ENGINEER

REV. - MS



USER NAME = pa.sty	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.01 44 / in.	CHECKED -	REVISED -
PLOT DATE = 10/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET INDEX & GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20.101) RS-6, ADA	PIKE	181	2
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/ JACKSON	SAFETY SIGNALS WASHINGTON/ JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/ MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	317	219			98				
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	478	478							
35300510	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	SQ YD	50	50							
35300605	PORTLAND CEMENT CONCRETE BASE COURSE 11 1/4"	SQ YD	270	64			206				
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	4	1			3				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29124	25290	3443	391					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	100	100							
40600990	TEMPORARY RAMP	SQ YD	1427	1395		32					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2494	2494							
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	610	610							
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	643		643						
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2951	2878		73					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	417	417							

REV. - MS

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 NORTH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jeecke	DESIGNER -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. = 321	SECTION = (20,107) RS-8, ADA	COUNTY = PIKE	TOTAL SHEETS = 181	SHEET NO. = 4
	PLD T SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72H83				
	PLD T DATE = 10/17/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: NONE		SHEET 2 OF 14 SHEETS			STA. TO STA.				

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				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1165	740			425				
44000600	SIDEWALK REMOVAL	SQ FT	10124	8663			1461				
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	6	6							
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	293								293
44201299	DOWEL BARS 1 1/2"	EACH	210								210
44213200	SAW CUTS	FOOT	435								435
44213204	TIE BARS 3/4"	EACH	162								162
50300225	CONCRETE STRUCTURES	CU YD	32	32							
50800105	REINFORCEMENT BARS	POUND	1717	1646			71				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	670	670							
50901760	PIPE HANDRAIL	FOOT	246	246							
54248510	CONCRETE COLLAR	CU YD	0.9				0.9				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	157	101			56				

REV. 1-7-2020



USER NAME = jeecke	DESIGND -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) R5-8, ADA	PIKE	181	6
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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55100500	STORM SEWER REMOVAL 12"	FOOT	20				20				
56109210	WATER VALVES TO BE ADJUSTED	EACH	9	9							
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	74	74							
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4				4				
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	4	4							
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2	1			1				
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1				1				
60255500	MANHOLES TO BE ADJUSTED	EACH	38	37			1				
60260100	INLETS TO BE ADJUSTED	EACH	5	4			1				
60500060	REMOVING INLETS	EACH	7	2			5				
60600605	CONCRETE CURB, TYPE B	FOOT	388	388							
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	398	398							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1027	547			480				

REV. 1-7-2020

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 816 NORTH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jeecke	DESIGNER -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			321	(20,107) RS-8, ADA	PIKE	181	7	
	PLT DATE = 10/17/2019	CHECKED -	REVISED -			CONTRACT NO. 72H83					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: NONE	SHEET 5 OF 14 SHEETS	STA.	TO STA.		

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60605300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (MODIFIED)	FOOT	43	43							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	919	621			298				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	150	150							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10							
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1							
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8	8							
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	13	1		1	3	5	1	
67100100	MOBILIZATION	L SUM	1	0.55	0.03	0.01	0.03	0.11	0.23	0.04	
67201100	SEALING ABANDONED MONITORING WELLS	EACH	2	2							
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1							
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.1			0.1	0.3	0.4	0.1	

* SPECIALTY ITEM

REV. 1-7-2020

REV. - MS

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 NORTH ST. QUINDY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = j.eckoe	DESIGNER -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PL O T SCALE = 100.0000' / 1" =	DRAWN -	REVISED -					321	(20,107) RS-8, ADA	PIKE	181	8
	PL O T DATE = 10/17/2019	CHECKED -	REVISED -					CONTRACT NO. 72H83				
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE: NONE	SHEET 6	OF 14 SHEETS	STA.	TO STA.				

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70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.7			0.1	0.1	0.07	0.03	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	50							
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2976	2892		84					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	992	964		28					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	2136	2136							
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	28058	28058							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	35468	35468							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2938	2938							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1350	1350							
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	712	712							
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	675	675							
78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	14029	13959		70					

* SPECIALTY ITEM

REV. 1-7-2020

KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 NORTH ST. QUINDY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jeecke	DESIGND -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -					321	(20,107) RS-8, ADA	PIKE	181	9	
	PLOT DATE = 10/17/2019	CHECKED -	REVISED -		SCALE: NONE			SHEET 7 OF 14 SHEETS			STA. TO STA.		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT CONTRACT NO. 72H83								

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	17734	17734							
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1469	1469							
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	329	329							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	329	329							
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	4					1	2	1	
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	7459					1457	4199	1803	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	188					94	37	57	
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	435					104	219	112	
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	266					112	92	62	
* 81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	132					57	75		
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	113					12	91	10	
* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	12					3	6	3	
* 81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	4					1	2	1	

* SPECIALTY ITEM

REV. 1-7-2020

 <p>Engineers • Architects • Surveyors 616 NORTH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</p>	USER NAME = jeecke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLotted SCALE = 100.0000' / 1in.	DRAWN -	REVISED -			321	(20,107) R5-8, ADA	PIKE	181	10
	PLotted DATE = 10/17/2019	CHECKED -	REVISED -			CONTRACT NO. 72H83				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: NONE						SHEET 8 OF 14 SHEETS		STA.		TO STA.

				CONSTRUCTION CODE							
				PPS: 6-00686-0000		PPS: 6-00686-0200		PPS: 6-00686-0300		PPS: 0-01536-6001	
				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
* 81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	20					5	10	5	
* 81500130	GULFBOX JUNCTION REMOVAL	EACH	8					1	3	4	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	7224					2418	3681	1125	
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	14					4	8	2	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5					1	3	1	
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	4					1	2	1	
* 86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	5					1	3	1	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	534						534		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9010					2382	5388	1240	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	773					248	328	197	
* 87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1353					797	484	72	
* 87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C	FOOT	382						382		
* 87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	3976					864	2489	623	

* SPECIALTY ITEM



USER NAME = jackce	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	11
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

				CONSTRUCTION CODE							
				PPS: 6-00686-0000		PPS: 6-00686-0200		PPS: 6-00686-0300			PPS: 0-01536-6001
				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
* 87704519	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 36 FT.	EACH	1						1		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	42					12	21	9	
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	14					3.5	7	3.5	
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	95.5					13.5	48	34	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	78					44	34		
* 87900200	DRILL EXISTING HANDHOLE	EACH	6						6		
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10					4	4	2	
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	19					4	11	4	
* 88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2						2		
* 88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	9					3	5	1	
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5					1	3	1	
* 88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	7					3	3	1	
* 88040355	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1						1		

* SPECIALTY ITEM



USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	13
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

				CONSTRUCTION CODE							
				PPS: 6-00686-0000		PPS: 6-00686-0200		PPS: 6-00686-0300		PPS: 0-01536-6001	
				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16					4	12		
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	75					19	46	10	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	32					8	24		
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3					1	2		
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	4					1	2	1	
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1						1		
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1						1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	142					30	97	15	
89502380	REMOVE EXISTING HANDHOLE	EACH	16					5	8	3	
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1						1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	32					8	18	6	
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	4					1	2	1	
X0322463	CONNECTION TO EXISTING SEWER	EACH	4	1			3				

* SPECIALTY ITEM

 Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jackce	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					321	(20,107) RS-8, ADA	PIKE	181	14
	PLOT DATE = 10/17/2019	CHECKED -	REVISED -					CONTRACT NO. 72H83				
	DATE -	REVISED -	SCALE: NONE					SHEET 12 OF 14 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

				CONSTRUCTION CODE							
				PPS: 6-00686-0000		PPS: 6-00686-0200		PPS: 6-00686-0300			PPS: 0-01536-6001
				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
* X0326266	ETHERNET SWITCH	EACH	5					1	3	1	
X0326694	PLUG EXISTING STORM SEWERS	CU YD	0.4	0.2			0.2				
* X0326812	CAT 5 ETHERNET CABLE	FOOT	100					20	60	20	
X0327618	LANDSCAPING, SPECIAL	L SUM	1	0.4			0.6				
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	119	119							
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	590	590							
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	8871	4357	4514						
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1							
X7011801	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1		1						
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	37199	37199							
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	4					1	2	1	
* X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	7671					1473	4209	1989	
Z0007126	HANDRAIL REMOVAL	FOOT	15	15							

* SPECIALTY ITEM

REV. 1-7-2020

 <p>Engineers • Architects • Surveyors 616 NORTH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</p>	USER NAME = j.eckee	DESIGNER -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLotted SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			321	(20,107) RS-8, ADA	PIKE	181	15	
	PLotted DATE = 10/17/2019	CHECKED -	REVISED -			CONTRACT NO. 72H83					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: NONE						SHEET 13 OF 14 SHEETS		STA.		TO STA.	

				CONSTRUCTION CODE							
				PPS: 6-00686-0000		PPS: 6-00686-0200		PPS: 6-00686-0300		PPS: 0-01536-6001	
				0005	0005	0005	0021	0021	0021	0021	0006
				80% FED 20% STATE	50% STATE 50% LOCAL	100% LOCAL	80% FED 20% STATE	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.67% STATE 3.33% LOCAL	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY AND ADA SYSTEM PRESERVATION AND RESURFACING	PARKING AREAS RESURFACING AND STRIPING	RESURFACING SOUTH JACKSON ST	INTERSECTION IMPROVEMENTS WASHINGTON/JACKSON	SAFETY SIGNALS WASHINGTON/JACKSON	SAFETY SIGNALS FRANKLIN/MEMORIAL/MADISON	SAFETY SIGNALS SHETLAND DR.	PAVEMENT PATCHING WEIGH STATION
Z0007420	SIDEWALK REPAIR (SPECIAL)	SQ FT	500	500							
* Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	19					4	12	3	
Z0012450	CONCRETE STEPS	CU YD	3.2	3.2							
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	39	39							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	5					1	3	1	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	38000	38000							
Z0034105	MATERIAL TRANSFER DEVICE	TON	2854	2854							
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	206	206							
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	59	47		12					
Z0076600	TRAINEES	HOUR	1000	1000							
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000							
K1003680	MULCH	SQ YD	9				9				

* SPECIALTY ITEM
 Ø 0042

REV. 1-7-2020

<p>Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62201 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</p>	USER NAME = j.eckes	DESIGND -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			321	(20,107) RS-8, ADA	PIKE	181	16
	PLOT DATE = 10/17/2019	CHECKED -	REVISED -			CONTRACT NO. 72H83				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: NONE	SHEET 14	OF 14 SHEETS	STA.	TO STA.

EARTHWORK SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	650

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

SEEDING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTALS
25000100	SEEDING, CLASS 1	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.6
25100125	MULCH, METHOD 3	ACRE	0.25

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

EROSION CONTROL SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTALS
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	75
28000400	PERIMETER EROSION BARRIER	FOOT	500

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.

TREE PRUNING (OVER 10 INCH DIAMETER)

20101350

STATION	SIDE	OFFSET	EACH
US 54 (JACKSON ST)			
17+01.2	LT	30.4	1
TOTAL (0005 ROADWAY/ADA)			1
USE			1

AGGREGATE SURFACE COURSE, TYPE A

40200100

LOCATION	QUADRANT/ SIDE	AREA (sq ft)	DEPTH (inch)	TON
US 54 (JACKSON ST) / NORTH ST				
	SE	9.8	4.0	0.2
US 54 (JACKSON ST) / GRIGGSVILLE ST				
	SE	21.4	4.0	0.5
TOTAL (0005 ROADWAY/ADA)				0.8
USE (0005 ROADWAY/ADA)				1
US 54 (WASHINGTON ST) / JACKSON ST				
	NW	111.4	4.0	2.8
TOTAL (0021 INTERSECTION)				2.8
USE (0021 INTERSECTION)				3
USE				4

LANDSCAPING, SPECIAL

X0327618

LOCATION	QUADRANT/ SIDE	L SUM
US 54 (WASHINGTON ST) / MEMORIAL ST		
	SW	
	SE	
US 54 (WASHINGTON ST) / MADISON ST		
	NE	
USE (0005 ROADWAY/ADA)		0.4
US 54 (WASHINGTON ST) / JACKSON ST		
	NW	
USE (0021 INTERSECTION)		0.6
USE		1

MULCH

K1003680

LOCATION	QUADRANT/ SIDE	SO YD
US 54 (WASHINGTON ST) / JACKSON ST		
	SW	8.5
TOTAL (0021 INTERSECTION)		8.5
USE (0021 INTERSECTION)		9
USE		9

PIPE HANDRAIL

50901760

LOCATION	QUADRANT/ SIDE	STRUCTURE	FOOT
US 54 (WASHINGTON ST) / MADISON ST			
	NW	WALL A (UPPER)	44.7
	NW	WALL B (LOWER)	32.5
	NW	STEPS	12.0
	SW	WALL C (UPPER)	42.9
	SW	WALL D (LOWER)	35.3
	SW	STEPS	12.0
US 54 (JACKSON ST) / ADAMS ST			
	NW	CURB WALL	33.1
	NW	CURB WALL	33.4
TOTAL (0005 RESURFACING/ADA)			245.9
USE (0005 RESURFACING/ADA)			246
USE			246

REV. 1-7-2020

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USER NAME = cds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 12/19/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: None SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	17
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	SIDE	AREA (sq yd)	40600290	40603200	40603080	40603535	40603310	40800050	20034105		
			BITUMINOUS MATERIALS (TACK COAT)	AREA (sq yd)	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50	AREA (sq yd)	HMA BND CSE IL-19.0, N50	POLY HMA SURF CSE MIX "D", N50	HMA SURF CSE MIX "C", N50	INCIDENTAL HMA SURFACING	MATERIAL TRANSFER DEVICE
			POUND	TON							
US 54 (WASHINGTON ST)											
1000+00.0	1004+45.0	LT & RT	1928.3	1301.6	1928.3	81.0		162.0		162.0	
7+56.9	55+84.0	LT & RT	20034.6	13523.3	8816.8	370.3	11217.8	1413.4	1682.9	1682.9	
US 54 (JACKSON ST)											
0+29.1	42+27.0	LT & RT	12008.4	8105.7	3440.0	158.8	8568.4	1079.6	1008.7	1008.7	
SOUTH JACKSON ST											
8+92.0	9+81.0	LT & RT	281.8	126.8				23.7			
ARCHER ST											
9+45.1	9+80.0	LT & RT	195.8	88.1					16.5		
CLINTON ST											
9+22.1	9+80.0	LT & RT	208.6	93.9					17.5		
10+20.0	10+54.2	LT & RT	132.8	59.8					11.2		
FRANKLIN ST											
9+40.7	9+80.0	LT & RT	159.1	71.6					13.4		
10+20.0	10+50.0	LT & RT	159.9	72.0					13.4		
WEST ST											
9+60.5	9+80.0	LT & RT	56.1	25.3					4.7		
10+20.0	10+40.0	LT & RT	55.7	25.0					4.7		
MISSISSIPPI ST											
9+50.0	9+80.0	LT & RT	85.7	38.6					7.2		
10+20.0	10+40.1	LT & RT	59.2	26.7					5.0		
MEMORIAL ST											
9+48.5	9+80.0	LT & RT	199.1	89.6					16.7		
10+20.0	10+58.5	LT & RT	333.3	150.0					28.0		
MADISON ST											
9+17.6	9+80.0	LT & RT	421.2	189.6					35.4		
10+20.0	10+94.6	LT & RT	544.6	245.1					45.7		
MONROE ST											
9+48.0	9+80.0	LT & RT	232.2	104.5					19.5		
10+20.0	10+58.0	LT & RT	263.3	118.5					22.1		
ILLINOIS ST											
9+50.6	9+80.0	LT & RT	97.3	43.8					8.2		
10+20.0	10+48.6	LT & RT	88.7	39.9					7.4		
ADAMS ST											
9+00.0	9+80.0	LT & RT	477.2	214.8					40.1		
10+20.0	10+45.0	LT & RT	92.3	41.5					7.8		
JEFFERSON ST											
9+50.0	9+80.0	LT & RT	107.5	48.4					9.0		
10+20.0	10+50.0	LT & RT	105.7	47.5					8.9		
PERRY ST											
9+56.6	9+80.0	LT & RT	85.5	38.5					7.2		
10+20.0	10+50.0	LT & RT	127.9	57.6					10.7		
NORTH ST											
9+36.1	9+80.0	LT & RT	127.2	57.3					10.7		
10+20.0	10+50.0	LT & RT	80.5	36.2					6.8		
GRIGGSVILLE ST											
9+52.4	9+80.0	LT & RT	98.4	44.3					8.3		
10+20.0	10+50.0	LT & RT	96.9	43.6					8.1		
SHORT ST											
9+45.0	9+80.0	LT & RT	104.6	47.1					8.8		
BENSON ST											
9+53.0	9+80.0	LT & RT	84.5	38.0					7.1		
10+20.0	10+50.0	LT & RT	78.2	35.2					6.6		
TOTAL (0005 ROADWAY/ADA)			25289.1	609.9	2493.1	2877.3		416.6	2853.6		
USE (0005 ROADWAY/ADA)			25290	610	2494	2878		417	2854		
US 54 (WASHINGTON ST)											
7+56.9	32+08.0	RT	1547.4	696.3				130.0			
7+56.9	32+08.0	LT	1589.4	715.2				133.5			
US 54 (JACKSON ST)											
4+87.0	30+03.7	RT	2237.1	1006.7				187.9			
4+87.0	30+48.5	LT	2276.9	1024.6				191.3			
TOTAL (0005 PARKING LANE)			3442.9					642.7			
USE (0005 PARKING LANE)			3443					643			
SOUTH JACKSON ST											
6+18.0	8+92.0	LT & RT	867.8	390.5				72.9			
TOTAL (0005 SOUTH JACKSON ST)			390.5					72.9			
USE (0005 SOUTH JACKSON ST)			391					73			
USE			29124	610	2494	2951	643	417	2854		

PCC BASE COURSE SCHEDULE

LOCATION	QUADRANT/ SIDE	31100100	35300300	35300510	35300605
		SUBBASE GRANULAR MATL TYPE A	PCC BASE COURE 8"	PCC BASE COURE 10 1/2"	PCC BASE COURE 11 1/4"
		TON	SQ YD		
US 54 (WASHINGTON ST) / WEST ST					
	NW	0.2			1.2
	NE	0.1			0.4
	SW	0.1			0.3
	SE	0.1			0.3
US 54 (WASHINGTON ST) / MISSISSIPPI ST					
	NW	0.1			0.5
	SE	1.6			7.9
US 54 (WASHINGTON ST) / MADISON ST					
	NW	0.2			1.1
	SW	0.2			1.1
US 54 (WASHINGTON ST) / MONROE ST					
	NW	0.1			0.5
US 54 (JACKSON ST) / ADAMS ST					
	LT & RT	95.4	477.2		
ESTIMATED QUANTITY		20		50.0	50.0
TOTAL (0005 ROADWAY/ADA)		118.1	477.2	50.0	63.3
USE (0005 ROADWAY/ADA)		119	478	50	64
US 54 (WASHINGTON ST) / JACKSON ST					
	NW	10.6			53.1
	NE	7.6			38.0
	SW	10.3			51.7
	SE	12.5			62.7
TOTAL (0021 INTERSECTION)		41.1			205.5
USE (0021 INTERSECTION)		42			206
USE		161	478	50	270

MISCELLANEOUS PAVING ITEMS SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTALS
40600982	HMA SURFACE REMOVAL - BUTT JOINT	SQ YD	100
40600990	TEMPORARY RAMP	SQ YD	1427
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	38000

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.

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USER NAME = jackca	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: None SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	18
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

SURFACE REMOVAL SCHEDULE

LOCATION	SIDE	44000155	40600627	44000161	44000164	X4400196	X4401198	X4400100	
		HMA SURF REM 1 1/2"	HMA SURF REM 2 1/4"	HMA SURF REM 3"	HMA SURF REM 3 3/4"	HMA SURF REM SPECIAL	HMA SURF REM VAR DEPTH	PCC SURF REM VAR DEPTH	
SQ YD									
US 54 (WASHINGTON ST)									
1000+00.0	1004+45.0	LT & RT		1928.3					
7+56.9	55+84.0	LT & RT		8816.8	8831.6	2386.2	590.0		
US 54 (JACKSON ST)									
0+29.1	42+27.0	LT & RT		3102.6	8905.8				
SOUTH JACKSON ST									
8+92.0	9+81.0	LT & RT	281.8						
ARCHER ST									
9+45.1	9+80.0	LT & RT					195.8		
CLINTON ST									
9+22.1	9+80.0	LT & RT					208.6		
10+20.0	10+54.2	LT & RT					132.8		
FRANKLIN ST									
9+40.7	9+80.0	LT & RT					159.1		
10+20.0	10+50.0	LT & RT					159.9		
WEST ST									
9+60.5	9+80.0	LT & RT					56.1		
10+20.0	10+40.0	LT & RT					55.7		
MISSISSIPPI ST									
9+50.0	9+80.0	LT & RT					56.4	22.0	
10+20.0	10+40.1	LT & RT					59.2		
MEMORIAL ST									
9+48.5	9+80.0	LT & RT					199.1		
10+20.0	10+58.5	LT & RT					333.3		
MADISON ST									
9+17.6	9+80.0	LT & RT					421.2		
10+20.0	10+94.6	LT & RT					544.6		
MONROE ST									
9+48.0	9+80.0	LT & RT					232.2		
10+20.0	10+58.0	LT & RT					263.3		
ILLINOIS ST									
9+50.6	9+80.0	LT & RT					97.3		
10+20.0	10+48.6	LT & RT					66.9	21.7	
ADAMS ST									
10+20.0	10+45.0	LT & RT					92.3		
JEFFERSON ST									
9+50.0	9+80.0	LT & RT					33.3	74.7	
10+20.0	10+50.0	LT & RT					105.7		
PERRY ST									
9+56.6	9+80.0	LT & RT					85.5		
10+20.0	10+50.0	LT & RT					127.9		
NORTH ST									
9+36.1	9+80.0	LT & RT					127.2		
10+20.0	10+50.0	LT & RT					80.5		
GRIGGSVILLE ST									
9+52.4	9+80.0	LT & RT					98.4		
10+20.0	10+50.0	LT & RT					96.9		
SHORT ST									
9+45.0	9+80.0	LT & RT					104.6		
BENSON ST									
9+53.0	9+80.0	LT & RT					84.5		
10+20.0	10+50.0	LT & RT					78.2		
TOTAL (0005 ROADWAY/ADA)			281.8	13847.8	17737.3	2386.2	590.0	4356.6	118.5
USE (0005 ROADWAY/ADA)			282	13848	17738	2387	590	4357	119
US 54 (WASHINGTON ST)									
7+56.9	32+08.0	RT	1547.4						
7+56.9	32+08.0	LT	1589.4						
US 54 (JACKSON ST)									
4+87.0	30+03.7	RT					2237.1		
4+87.0	30+48.5	LT					2276.9		
TOTAL (0005 PARKING LANE)			3136.8				4514.0		
USE (0005 PARKING LANE)			3137				4514		
SOUTH JACKSON ST									
6+18.0	8+92.0	LT & RT	867.8						
TOTAL (0005 SOUTH JACKSON ST)			867.8						
USE (0005 SOUTH JACKSON ST)			868						
USE			4287	13848	17738	2387	590	8871	119

CONCRETE CURB TYPE B SCHEDULE

60600605

LOCATION	QUADRANT/SIDE	FOOT
US 54 (WASHINGTON ST) / MADISON ST		
	NW	39.8
	NE	60.9
	SW	34.7
	SE	51.7
US 54 (WASHINGTON ST) / MONROE ST		
	NW	36.8
	NE	7.8
US 54 (WASHINGTON ST)		
21+79.6	22+37.6	LT
		56.7
US 54 (WASHINGTON ST) / ILLINOIS ST		
	NW	12.8
	NE	12.1
	SE	14.7
US 54 (JACKSON ST) / ADAMS ST		
	NE	14.0
	SW	10.0
US 54 (JACKSON ST) / JEFFERSON ST		
	SE	12.0
US 54 (JACKSON ST) / BENSON ST		
	NW	6.2
	SW	11.0
	SE	6.7
TOTAL (0005 ROADWAY/ADA)		387.9
USE (0005 ROADWAY/ADA)		388
USE		388

CONCRETE STEPS SCHEDULE

Z0012450

LOCATION	QUADRANT	CONCRETE STEPS
MADISON STREET		
	NW	1.6
	SW	1.6
TOTALS (0005 ROADWAY/ADA)		3.2
USE		3.2

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: None SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	19
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

REV. 1-7-2020

CONCRETE CURB AND GUTTER SCHEDULE

LOCATION	QUADRANT/ SIDE	31100100	60603800	60605000	60607700
		SUBBASE GRANULAR MATL TYPE A TON	C&G TY B-6.12 FOOT	C&G TY B-6.24	C&G TY B-6.24 (MODIFIED)
US 54 (WASHINGTON ST) / WEST ST					
	NW	2.6	29.5		
	NE	3.0	34.1		
	SW	2.8	31.4		
	SE	3.2	36.4		
US 54 (WASHINGTON ST) / MISSISSIPPI ST					
	NW	2.9	32.8		
	NE	2.7	30.3		
	SE	3.9	44.0		
US 54 (WASHINGTON ST) / MEMORIAL ST					
	NW	2.4	27.5		
	NE	4.0	44.6		
	SW	2.8	31.4		
	SE	3.9	44.1		
US 54 (WASHINGTON ST) / MONROE ST					
	NW	5.7			42.9
	NE	9.7		73.0	
	SW	6.2		46.5	
	SE	2.9		21.9	
US 54 (JACKSON ST) / ADAMS ST					
	NW	3.1		23.3	
	SW	11.4		85.9	
US 54 (JACKSON ST) / JEFFERSON ST					
	NW	2.6		19.4	
	NE	2.2		16.7	
	SW	1.5		11.2	
US 54 (JACKSON ST) / PERRY ST					
	NW	5.0		37.3	
	NE	3.5		26.6	
	SW	0.8		5.6	
	SE	2.6		19.9	
US 54 (JACKSON ST) / NORTH ST					
	NW	1.4		10.4	
	NE	0.7		5.3	
	SW	1.6		12.2	
	SE	1.3		10.1	
US 54 (JACKSON ST) / GRIGGSVILLE ST					
	NW	4.3		32.7	
	NE	3.3		25.1	
	SW	1.5	11.3		
	SE	0.7		5.3	
US 54 (JACKSON ST) / SHORT ST					
	NW	1.5		11.6	
	SW	2.1		16.1	
US 54 (JACKSON ST) / BENSON ST					
	NE	3.4		25.4	
	SE	0.7		5.3	
TOTAL (0005 ROADWAY/ADA)		114.1	397.4	546.8	42.9
USE (0005 ROADWAY/ADA)		114	398	547	43
US 54 (WASHINGTON ST) / JACKSON ST					
	NW	17.8		134.2	
	NE	13.7		102.9	
	SW	13.6		102.2	
	SE	18.6		140.3	
TOTAL (0021 INTERSECTION)		63.7		479.6	
USE (0021 INTERSECTION)		64		480	
USE		178	398	1027	43

CONCRETE MEDIAN SCHEDULE

LOCATION	QUADRANT/ SIDE	60618300	20600110
		CONC MEDIAN SURFACE 4 INCH SQ FT	GRANULAR EMBANKMENT SPECIAL TON
US 54 (WASHINGTON ST) / MEMORIAL ST			
	NW	33.2	1.8
US 54 (WASHINGTON ST) / MADISON ST			
	NE	99.1	5.5
	SE	126.6	7.0
US 54 (WASHINGTON ST) / MONROE ST			
	NW	59.3	3.3
	NE	214.5	11.9
US 54 (JACKSON ST) / ADAMS ST			
	NW	6.5	0.4
	SW	48.6	2.7
US 54 (JACKSON ST) / GRIGGSVILLE ST			
	NW	28.6	1.6
	NE	4.4	0.2
TOTAL (0005 ROADWAY/ADA)		620.8	34.5
USE (0005 ROADWAY/ADA)		621	35
US 54 (WASHINGTON ST) / JACKSON ST			
	NW	152.0	8.4
	SW	138.7	7.7
	SW	6.7	0.4
TOTAL (0021 INTERSECTION)		297.4	16.5
USE (0021 INTERSECTION)		298	17
USE		919	52

PCC SIDEWALK SCHEDULE

LOCATION	QUADRANT/ SIDE	42400100	42400200	42400800
		PCC SIDEWALK 4 INCH SQ FT	PCC SIDEWALK 6 INCH SQ FT	DETECTABLE WARNINGS
US 54 (WASHINGTON ST) / WEST ST				
	NW	223.0		20.0
	NE	132.0		10.0
	SW	306.0		20.0
	SE	139.0		10.0
US 54 (WASHINGTON ST) / MISSISSIPPI ST				
	NW	90.4		10.0
	NE	172.7		10.0
	SE	233.9		20.0
US 54 (WASHINGTON ST) / MEMORIAL ST				
	NW		371.5	36.3
	NE		320.1	37.3
	SW		237.0	32.0
	SE	200.6		34.5
US 54 (WASHINGTON ST) / MADISON ST				
	NW		767.6	69.6
	NE	229.4		32.1
	SW		858.1	53.2
	SE		506.4	21.7
US 54 (WASHINGTON ST) / MONROE ST				
	NW	249.9		33.7
	NE		358.0	20.0
	SW	327.6		28.0
	SE		311.0	30.7
US 54 (WASHINGTON ST)				
	22+07.3	22+35.8	LT	113.9
	12+68.2	12+78.2	LT	105.7
US 54 (WASHINGTON ST) / ILLINOIS ST				
	NW	79.7		10.0
	NE	273.7		20.8
	SE	202.9		20.0
US 54 (JACKSON ST) / ADAMS ST				
	NW		272.0	20.0
	NE	235.0		18.7
	SE		478.9	33.7
US 54 (JACKSON ST) / JEFFERSON ST				
	NW	261.6		20.0
	NE	260.3		20.0
	SW	299.6		20.0
	SE		426.9	20.0
US 54 (JACKSON ST) / PERRY ST				
	NW	362.4		19.5
	NE	214.5		19.1
	SW	152.2		9.2
	SE	75.9		10.0
US 54 (JACKSON ST) / NORTH ST				
	NW	56.0		10.0
	NE	47.1		9.3
	SW	74.8		9.2
	SE		120.8	9.6
US 54 (JACKSON ST) / GRIGGSVILLE ST				
	NW	257.4		20.0
	NE	128.6		19.7
	SW	182.7		10.0
	SE	53.2		10.0
US 54 (JACKSON ST) / SHORT ST				
	NW	70.3		10.0
	SW	51.4		10.0
US 54 (JACKSON ST) / BENSON ST				
	NW		611.4	10.4
	NE		197.4	9.4
	SW		261.7	20.0
	SE	116.0		20.0
TOTAL (0005 ROADWAY/ADA)		5979.4	6098.8	967.7
USE (0005 ROADWAY/ADA)		5980	6099	968
US 54 (WASHINGTON ST) / JACKSON ST				
	NW	12.4	501.4	10.0
	NE	309.3		10.0
	SW		268.8	24.3
	SE	245.8		25.8
TOTAL (0021 INTERSECTION)		567.5	770.2	70.1
USE (0021 INTERSECTION)		568	771	71
USE		6548	6870	1039

PCC DRIVEWAY PAVEMENT, 8 INCH

LOCATION	QUADRANT/ SIDE	42300400
		SO YD
US 54 (WASHINGTON ST) / JACKSON ST		
	NW	34.9
	SW	95.7
TOTAL (0021 INTERSECTION)		130.6
USE (0021 INTERSECTION)		131
USE		131

REV. 1-7-2020

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: None	SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	20
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

STORM SEWER SCHEDULE

LOCATION	SIDE	PLAN LABEL	550A0340	20800150	54248510	50800105	44200168
			STORM SEWER CL A, TY 2 12"	TRENCH BACKFILL	CONCRETE COLLAR	REINFORCEMENT BARS	PVMT PATCH TYPE II 14 INCH
			FOOT	CU YD	CU YD	POUND	SQ YD
US 54 (WASHINGTON ST)							
16+38.1	RT	A	45.0	5.7			
16+10.2	RT	B	10.0	2.1			5.6
16+49.9	LT	C	36.0	5.2			
16+26.3	LT	D	10.0	1.1			
TOTAL (0005 ROADWAY/ADA)			101.0	14.0			5.6
USE (0005 ROADWAY/ADA)			101	14			6
US 54 (WASHINGTON ST) / JACKSON ST							
7+93.5	RT	G	14.0	2.7	0.52	39	
US 54 (JACKSON ST) / WASHINGTON ST							
0+52.4	LT	E	14.0	1.9			
0+45.6	LT	F	18.0	2.0			
0+54.2	RT	H	10.0	1.1	0.30	32	
TOTAL (0021 INTERSECTION)			56.0	7.7	0.82	71	
USE (0021 INTERSECTION)			56	8	0.9	71	
USE			157	22	0.9	71	6

INLET SCHEDULE

LOCATION	SIDE	PLAN LABEL	60235700	60235800	60240215	60240220	X0322463
			INLET TY A TY 3 FR & GR	INLET TY A TY 4 FR & GR	INLET TY B TY 1 FR CLOSED LID	INLET TY B TY 3 FR & GR	CONNECTION TO EX STORM SEWER
			EACH				
US 54 (WASHINGTON ST)							
16+60.9	RT	1		1			
16+15.4	RT	2		1			
16+68.4	LT	3		1			
16+31.5	LT	4			1		1
16+21.0	LT	5		1			
TOTAL (0005 ROADWAY/ADA)				4	1		1
US 54 (WASHINGTON ST) / JACKSON ST							
8+00.0	LT	11	1				
US 54 (JACKSON ST) / WASHINGTON ST							
0+59.8	LT	6	1				
0+46.3	LT	7	1				
0+45.7	LT	8			1		1
0+58.2	RT	9	1				
0+31.0	RT	10				1	2
TOTAL (0021 INTERSECTION)			4		1	1	3
USE			4	4	2	1	4

PLUG EXISTING STORM SEWERS

X0326694

STATION	SIDE	SIZE	CU YD
US 54 (WASHINGTON ST)			
16+30.0	RT	12"	0.17
TOTAL (0005 ROADWAY/ADA)			0.17
USE (0005 ROADWAY/ADA)			0.2
US 54 (WASHINGTON ST) / JACKSON ST			
7+84.1	RT	12"	0.17
TOTAL (0021 INTERSECTION)			0.17
USE (0021 INTERSECTION)			0.2
USE			0.4

STORM SEWER REMOVAL, 12"

55100500

STATION	SIDE	TYPE	FOOT
US 54 (WASHINGTON ST) / JACKSON ST			
7+88.7	LT	CONC	4.0
7+93.3	RT	CONC	16.0
TOTAL (0021 INTERSECTION)			20.0
USE			20

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USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
None	5	9	
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	21
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT REMOVAL

44000100

LOCATION	QUADRANT/ SIDE	SO YD	
US 54 (WASHINGTON ST) / WEST ST	NW	1.1	
	NE	1.6	
US 54 (WASHINGTON ST) / MISSISSIPPI ST	NW	3.0	
	NE	9.8	
	SE	2.5	
US 54 (WASHINGTON ST) / MADISON ST	NW	33.2	
	NE	18.5	
	SW	24.5	
	SE	15.5	
US 54 (WASHINGTON ST) / MONROE ST	NW	27.3	
	NE	48.7	
	SW	5.1	
	SE	2.7	
US 54 (JACKSON ST) / ADAMS ST			
9+00.0	9+80.0	LT & RT	477.3
US 54 (JACKSON ST) / GRIGGSVILLE ST			
	NE		2.0
US 54 (JACKSON ST)			
22+10.9	22+36.0	LT	36.0
TOTAL (0005 ROADWAY/ADA)			708.9
USE (0005 ROADWAY/ADA)			709
USE			709

CURB REMOVAL

44000300

LOCATION	QUADRANT/ SIDE	FOOT
US 54 (WASHINGTON ST) / WEST ST	NW	10.1
	NE	9.2
US 54 (WASHINGTON ST) / MISSISSIPPI ST	NE	11.1
	SE	25.2
US 54 (WASHINGTON ST) / ILLINOIS ST	NW	1.7
	NE	12.1
	SE	15.8
US 54 (JACKSON ST) / ADAMS ST	NE	15.1
	SW	16.2
US 54 (JACKSON ST) / JEFFERSON ST		
	SE	10.2
US 54 (JACKSON ST) / BENSON ST		
	NW	5.5
	SW	11.0
	SE	6.7
TOTAL (0005 ROADWAY/ADA)		149.9
USE (0005 ROADWAY/ADA)		150
US 54 (WASHINGTON ST) / JACKSON ST		
	SW	37.2
TOTAL (0021 INTERSECTION)		37.2
USE (0021 INTERSECTION)		38
USE		188

COMBINATION CURB AND GUTTER REMOVAL

44000500

LOCATION	QUADRANT/ SIDE	FOOT
US 54 (WASHINGTON ST) / WEST ST	NW	20.0
	NE	25.0
	SW	31.6
	SE	36.7
US 54 (WASHINGTON ST) / MISSISSIPPI ST	NW	12.6
	NE	3.3
	SE	10.4
US 54 (WASHINGTON ST) / MEMORIAL ST	NW	27.5
	NE	44.7
	SW	31.4
	SE	44.2
US 54 (WASHINGTON ST) / MADISON ST	NW	26.8
	NE	22.9
US 54 (WASHINGTON ST) / MONROE ST	NW	19.7
	NE	24.6
	SW	24.0
	SE	4.0
US 54 (JACKSON ST) / ADAMS ST	NW	24.1
	SW	86.7
US 54 (JACKSON ST) / JEFFERSON ST	NW	7.8
	NE	17.5
	SW	5.0
US 54 (JACKSON ST) / PERRY ST	NW	29.1
	NE	21.1
	SE	17.1
US 54 (JACKSON ST) / NORTH ST	NW	13.5
	NE	5.9
	SW	13.1
	SE	11.3
US 54 (JACKSON ST) / GRIGGSVILLE ST	NW	20.5
	NE	13.5
	SW	4.3
	SE	5.9
US 54 (JACKSON ST) / SHORT ST	NW	7.2
	SW	12.0
US 54 (JACKSON ST) / BENSON ST	NE	8.8
	SE	5.9
TOTAL (0005 ROADWAY/ADA)		739.7
USE (0005 ROADWAY/ADA)		740
US 54 (WASHINGTON ST) / JACKSON ST		
	NW	95.7
	NE	107.9
	SW	68.9
	SE	151.9
TOTAL (0021 INTERSECTION)		424.4
USE (0021 INTERSECTION)		425
USE		1165

SIDEWALK REMOVAL

44000600

LOCATION	QUADRANT/ SIDE	SO FT	
US 54 (WASHINGTON ST) / WEST ST	NW	176.6	
	NE	96.9	
	SW	192.5	
	SE	101.4	
US 54 (WASHINGTON ST) / MISSISSIPPI ST	NE	87.2	
	SE	158.6	
US 54 (WASHINGTON ST) / MEMORIAL ST	NW	327.8	
	NE	254.5	
	SW	257.3	
	SE	183.2	
US 54 (WASHINGTON ST) / MADISON ST	NW	435.7	
	NE	169.5	
	SW	561.0	
	SE	483.0	
US 54 (WASHINGTON ST) / MONROE ST	NW	169.2	
	NE	301.2	
	SW	321.6	
	SE	278.0	
US 54 (WASHINGTON ST)			
22+07.3	22+35.8	LT	42.9
US 54 (WASHINGTON ST) / ILLINOIS ST			
	NW	73.5	
	NE	219.0	
	SE	148.3	
US 54 (JACKSON ST) / ADAMS ST	NW	40.7	
	NE	190.4	
	SE	463.2	
US 54 (JACKSON ST) / JEFFERSON ST	NW	224.7	
	NE	176.4	
	SW	224.4	
	SE	278.1	
US 54 (JACKSON ST) / PERRY ST	NW	251.4	
	NE	162.7	
	SW	113.8	
	SE	50.0	
US 54 (JACKSON ST) / NORTH ST	NW	30.5	
	NE	33.1	
	SW	55.3	
	SE	74.6	
US 54 (JACKSON ST) / GRIGGSVILLE ST	NW	215.5	
	NE	119.2	
	SW	126.8	
	SE	33.6	
US 54 (JACKSON ST) / SHORT ST	NW	55.0	
	SW	37.5	
US 54 (JACKSON ST) / BENSON ST	NW	389.8	
	NE	99.7	
	SW	118.8	
	SE	58.4	
TOTAL (0005 ROADWAY/ADA)		8662.5	
USE (0005 ROADWAY/ADA)		8663	
US 54 (WASHINGTON ST) / JACKSON ST			
	NW	758.4	
	NE	332.3	
	SW	23.6	
	SE	346.3	
TOTAL (0021 INTERSECTION)		1460.6	
USE (0021 INTERSECTION)		1461	
USE		10124	

DRIVEWAY PAVEMENT REMOVAL

44000200

LOCATION	QUADRANT/ SIDE	SO YD
US 54 (WASHINGTON ST) / MISSISSIPPI ST	NW	20.5
US 54 (WASHINGTON ST) / MADISON ST	NW	2.2
	NE	4.5
	SW	2.0
US 54 (JACKSON ST) / ADAMS ST		
	SW	25.9
TOTAL (0005 ROADWAY/ADA)		55.1
USE (0005 ROADWAY/ADA)		56
US 54 (WASHINGTON ST) / JACKSON ST	NW	62.5
	SW	194.9
TOTAL (0021 INTERSECTION)		257.4
USE (0021 INTERSECTION)		258
USE		314

GUTTER REMOVAL

44000400

LOCATION	QUADRANT/ SIDE	FOOT
US 54 (WASHINGTON ST) / MADISON ST	NW	34.8
	NE	10.3
	SW	49.2
	SE	37.8
US 54 (WASHINGTON ST) / MONROE ST	NE	29.7
	SW	21.4
	SE	18.6
US 54 (JACKSON ST) / JEFFERSON ST	NW	12.4
	SW	6.3
US 54 (JACKSON ST) / PERRY ST	NW	11.3
	NE	5.9
	SW	5.8
	SE	3.1
US 54 (JACKSON ST) / GRIGGSVILLE ST	NW	15.4
	NE	12.8
	SW	7.6
US 54 (JACKSON ST) / SHORT ST	NW	5.7
	SW	6.1
TOTAL (0005 ROADWAY/ADA)		294.2
USE (0005 ROADWAY/ADA)		295
USE		295

REV. 1-7-2020



USER NAME = cds
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 100.0000' / 1"

DESIGNED -
 REVISIONS -
 CHECKED -
 DATE -

REVISIONS -
 REVISIONS -
 REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: None SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	22
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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CONCRETE RETAINING WALL REMOVAL

Z0075496

LOCATION	QUADRANT/ SIDE	DESCRIPTION	FOOT
US 54 (JACKSON ST) / BENSON ST			
	NW	CONCRETE	27.9
	NE	CONCRETE	19.0
TOTAL (0005 ROADWAY/ADA)			46.9
USE (0005 ROADWAY/ADA)			47
US 54 (WASHINGTON ST) / JACKSON ST			
	NW	BLOCK PAVERS	11.6
TOTAL (0021 INTERSECTION)			11.6
USE (0021 INTERSECTION)			12
USE			59

HANDRAIL REMOVAL

Z0007126

LOCATION	QUADRANT/ SIDE	EACH	FOOT
US 54 (WASHINGTON ST) / MADISON ST			
	NW	2	6.0
	SW	2	6.0
US 54 (WASHINGTON ST) / MONROE ST			
	NE	1	3.0
TOTAL (0005 ROADWAY/ADA)			15.0
USE (0005 ROADWAY/ADA)			15
USE			15

CONCRETE REMOVAL (SPECIAL)

Z0013300

LOCATION	QUADRANT/ SIDE	SQ YD
US 54 (WASHINGTON ST) / MADISON ST		
	NW	14.3
	SW	14.5
US 54 (WASHINGTON ST) / MONROE ST		
	NE	2.6
US 54 (JACKSON ST) / BENSON ST		
	NE	5.8
	SW	1.3
TOTAL (0005 ROADWAY/ADA)		38.5
USE (0005 ROADWAY/ADA)		39
USE		39

REMOVING INLETS

60500060

STATION	SIDE	OFFSET	EACH
US 54 (WASHINGTON ST)			
16+31.3	RT	28.8	1
16+31.6	LT	28.2	1
TOTAL (0005 ROADWAY/ADA)			2
US 54 (WASHINGTON ST) / JACKSON ST			
7+86.3	RT	36.5	1
7+88.5	LT	29.2	1
8+00.3	RT	29.4	1
US 54 (JACKSON ST) / WASHINGTON ST			
0+36.3	RT	49.3	1
0+52.1	RT	29.7	1
TOTAL (0021 INTERSECTION)			5
USE			7

WATER VALVE TO BE ADJUSTED

56109210

STATION	SIDE	OFFSET	EACH
US 54 (WASHINGTON ST)			
11+44.0	RT	48.5	1
15+47.4	LT	27.3	1
41+02.2	RT	14.5	1
50+06.7	LT	13.3	1
US 54 (JACKSON ST)			
3+85.5	RT	9.3	1
4+76.1	RT	9.5	1
12+79.1	RT	26.7	1
26+39.1	RT	28.9	1
26+49.2	RT	11.5	1
TOTAL (0005 ROADWAY/ADA)			9
USE			9

INLETS TO BE ADJUSTED

60260100

STATION	SIDE	OFFSET	EACH
US 54 (WASHINGTON ST)			
24+35.4	RT	21.7	1
28+15.0	LT	21.8	1
28+15.4	RT	22.1	1
ADAMS ST			
9+57.4	RT	27.5	1
TOTAL (0005 ROADWAY/ADA)			4
US 54 (WASHINGTON ST) / JACKSON ST			
0+92.0	LT	22.4	1
TOTAL (0021 INTERSECTION)			1
USE			5

SEALING ABANDONED MONITORING WELLS

67201100

STATION	SIDE	OFFSET	EACH
SOUTH JACKSON STREET			
8+91.8	LT	20.7	1
9+48.5	LT	20.5	1
TOTAL (0005 ROADWAY/ADA)			2
USE			2

MANHOLES TO BE ADJUSTED

60255500

STATION	SIDE	OFFSET	EACH
US 54 (WASHINGTON ST)			
8+01.8	LT	36.0	1
12+00.8	RT	29.0	1
16+05.0	RT	29.0	1
16+20.4	LT	23.1	1
32+69.2	LT	13.0	1
37+62.3	RT	13.2	1
37+99.8	LT	13.0	1
38+24.0	RT	26.4	1
41+98.0	LT	13.2	1
43+66.1	LT	30.5	1
43+97.5	RT	26.0	1
45+75.6	LT	13.3	1
50+12.6	LT	12.8	1
50+57.1	LT	38.3	1
US 54 (JACKSON ST)			
4+75.9	LT	15.8	1
6+41.9	RT	1.9	1
8+10.1	LT	16.4	1
8+51.5	RT	1.0	1
10+39.3	LT	14.7	1
12+47.9	LT	15.0	1
12+71.7	LT	0.3	1
12+72.3	LT	26.8	1
13+17.5	RT	11.9	1
14+64.0	LT	13.9	1
16+36.0	LT	13.6	1
16+69.7	LT	25.6	1
17+79.1	LT	13.7	1
19+49.4	LT	16.4	1
19+74.4	LT	27.2	1
20+43.0	LT	14.7	1
21+97.3	LT	14.8	1
23+69.0	LT	0.3	1
23+69.1	LT	28.2	1
23+79.7	LT	13.7	1
26+41.0	RT	21.2	1
28+10.7	LT	2.5	1
30+07.3	LT	16.3	1
TOTAL (0005 ROADWAY/ADA)			37
US 54 (WASHINGTON ST) / JACKSON ST			
0+45.7	LT	29.4	1
TOTAL (0021 INTERSECTION)			1
USE			38

REV. 1-7-2020

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USER NAME = cds	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: None	SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	23
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

**PREFORMED PLASTIC PAVEMENT MARKING
TYPE B - INLAID - LETTERS AND SYMBOLS**

78004200

LOCATION	SIDE	DESCRIPTION	SO FT	
US 54 (WASHINGTON ST)				
1001+01.6	1001+90.8	CL	LEFT TURN ARROWS	31.2
8+23.6	11+04.2	CL	LEFT TURN ARROWS	62.4
12+38.6	15+16.2	CL	LEFT TURN ARROWS	62.4
13+49.6	14+12.2	RT	ACCESSIBILITY PARKING SPACE	6.2
18+92.8	19+37.6	CL	LEFT TURN ARROWS	31.2
20+81.1	21+52.0	CL	LEFT TURN ARROWS	31.2
36+54.0	37+35.0	CL	LEFT TURN ARROWS	31.2
38+71.0	39+47.0	CL	LEFT TURN ARROWS	31.2
40+47.0	41+60.0	CL	LEFT TURN ARROWS	62.4
42+49.5	43+21.0	CL	LEFT TURN ARROWS	31.2
44+37.0	45+08.3	CL	LEFT TURN ARROWS	31.2
46+14.0	48+35.7	CL	LEFT TURN ARROWS	62.4
49+39.7	50+11.0	CL	LEFT TURN ARROWS	31.2
51+32.7	55+58.0	CL	LEFT TURN ARROWS	78.0
US 54 (JACKSON ST)				
1+07.0	1+82.1	LT	LEFT TURN ARROWS	31.2
MADISON ST				
9+38.9		LT	ACCESSIBILITY PARKING SPACE	3.1
9+29.5		RT	RIGHT/LEFT TURN ARROWS	26.0
10+61.5		RT	LEFT TURN ARROWS	15.6
10+61.5		LT	STRAIGHT/LEFT TURN ARROWS	26.0
10+70.5		LT	ACCESSIBILITY PARKING SPACE	3.1
MONROE ST				
10+53.7		LT/RT	THROUGH ARROW	23.0
TOTAL (0005 ROADWAY/ADA)			711.4	
USE (0005 ROADWAY/ADA)			712	
USE			712	

MODIFIED URETHANE PAVEMENT MARKING - LINE 12"

78009012

LOCATION	SIDE	DESCRIPTION	YELLOW	WHITE
			FOOT	
US 54 (WASHINGTON ST)				
1001+94.7	1003+84.1	LT/RT	DIAGONALS	46.0
8+98.7	10+55.4	LT/RT	DIAGONALS	67.8
11+30.4	11+38.4	LT/RT	CROSSWALK	128.0
12+05.6	12+13.6	LT/RT	CROSSWALK	160.0
12+89.1	14+63.6	LT/RT	DIAGONALS	82.0
16+33.8	18+89.0	LT/RT	DIAGONALS	177.9
21+56.1	23+69.5	LT/RT	DIAGONALS	68.3
32+95.0	36+50.0	LT/RT	DIAGONALS	96.8
39+63.0	40+35.0	LT/RT	DIAGONALS	41.9
41+74.0	42+46.0	LT/RT	DIAGONALS	28.6
45+12.1	45+84.0	LT/RT	DIAGONALS	34.9
48+64.0	49+36.0	LT/RT	DIAGONALS	31.2
MONROE ST				
9+59.7	9+67.7	LT/RT	CROSSWALK	152.0
10+33.0	10+41.0	LT/RT	CROSSWALK	120.0
ADAMS ST				
9+25.2	9+59.7	LT/RT	DIAGONALS	63.6
9+59.7	9+69.7	LT/RT	CROSSWALK	170.0
TOTAL (0005 ROADWAY/ADA)			739.0	730.0
USE (0005 ROADWAY/ADA)			739	730
USE			1469	

**PREFORMED PLASTIC PAVEMENT MARKING
TYPE B - INLAID - LINE 24"**

78004280

STATION	SIDE	DESCRIPTION	FOOT
US 54 (WASHINGTON ST)			
7+98.6	LT	STOP BAR	33.0
15+41.2	RT	STOP BAR	26.0
16+41.4	LT	STOP BAR	12.0
19+64.1	RT	STOP BAR	34.8
20+56.1	LT	STOP BAR	28.5
37+60.0	RT	STOP BAR	26.5
38+46.0	RT	STOP BAR	27.9
1000+54.0	LT	STOP BAR	21.3
1000+76.6	LT/RT	STOP BAR	13.0
US 54 (JACKSON ST)			
0+57.0	LT	STOP BAR	22.5
0+82.0	LT/RT	STOP BAR	11.6
ARCHER ST			
9+43.0	RT	STOP BAR	11.6
CLINTON ST			
9+51.0	RT	STOP BAR	14.3
10+46.0	LT	STOP BAR	12.4
FRANKLIN ST			
9+53.1	RT	STOP BAR	12.2
10+48.1	LT	STOP BAR	17.7
WEST ST			
9+56.9	RT	STOP BAR	9.8
10+45.2	LT	STOP BAR	9.3
MISSISSIPPI ST			
9+53.0	RT	STOP BAR	9.5
10+44.8	LT	STOP BAR	9.0
MEMORIAL ST			
9+56.9	RT	STOP BAR	18.0
10+54.5	LT	STOP BAR	19.0
MADISON ST			
9+55.8	RT	STOP BAR	13.7
10+49.6	RT	STOP BAR	12.1
10+49.6	LT	STOP BAR	16.0
MONROE ST			
9+54.2	RT	STOP BAR	21.0
SOUTH JACKSON ST			
9+49.5	RT	STOP BAR	17.7
ILLINOIS ST			
9+55.2	RT	STOP BAR	11.5
10+44.4	LT	STOP BAR	10.2
ADAMS ST			
9+51.6	RT	STOP BAR	15.8
10+44.0	LT	STOP BAR	16.5
JEFFERSON ST			
9+56.3	RT	STOP BAR	13.9
10+43.2	LT	STOP BAR	13.7
PERRY ST			
9+55.6	RT	STOP BAR	14.3
10+44.0	LT	STOP BAR	18.1
NORTH ST			
9+56.7	RT	STOP BAR	12.4
10+44.0	LT	STOP BAR	9.5
GRIGGSVILLE ST			
9+56.3	RT	STOP BAR	13.9
10+44.3	LT	STOP BAR	12.3
SHORT ST			
9+56.8	RT	STOP BAR	10.8
BENSON ST			
9+56.9	RT	STOP BAR	11.5
10+44.4	LT	STOP BAR	9.5
TOTAL (0005 ROADWAY/ADA)			674.3
USE (0005 ROADWAY/ADA)			675
USE			675

MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

78009005

LOCATION	SIDE	DESCRIPTION	YELLOW	WHITE
			FOOT	
US 54 (WASHINGTON ST)				
1000+76.6	1003+84.1	LT/RT	CHANNELIZATION	1002.3
1001+94.6	1002+58.2	LT	SKIP-DASH	16.0
7+98.6	11+30.4	LT/RT	CHANNELIZATION	981.0
8+98.6	9+70.6	RT	SKIP-DASH	18.0
9+83.4	10+55.4	RT	SKIP-DASH	18.0
12+14.1	15+41.2	LT/RT	CHANNELIZATION	1007.4
12+15.2	12+80.5	RT	SKIP-DASH	16.0
12+89.1	13+61.1	LT	SKIP-DASH	18.0
13+94.2	14+66.2	RT	SKIP-DASH	18.0
14+80.5	15+39.2	RT	SKIP-DASH	16.0
16+33.8	19+64.1	LT/RT	CHANNELIZATION	1174.1
18+18.7	18+89.0	RT	SKIP-DASH	18.0
20+56.1	23+69.3	LT/RT	CHANNELIZATION	1056.0
21+56.1	22+42.5	LT	SKIP-DASH	22.0
23+69.3	32+95.0	CL	SKIP-DASH	120.0
32+95.0	37+60.0	LT/RT	CHANNELIZATION	1643.1
35+50.0	36+50.0	RT	SKIP-DASH	26.0
38+46.0	40+35.0	LT/RT	CHANNELIZATION	524.8
39+63.0	40+35.0	LT	SKIP-DASH	18.0
40+35.0	41+74.0	LT/RT	CHANNELIZATION	362.0
41+74.0	42+46.0	RT	SKIP-DASH	18.0
41+74.0	43+46.0	LT/RT	CHANNELIZATION	480.8
44+12.0	45+89.0	LT/RT	CHANNELIZATION	516.1
45+12.0	45+84.0	LT	SKIP-DASH	20.0
45+89.0	48+64.0	LT/RT	CHANNELIZATION	683.2
48+64.0	49+36.0	RT	SKIP-DASH	20.0
48+64.0	50+36.0	LT/RT	CHANNELIZATION	510.9
51+07.7	55+84.0	LT/RT	CHANNELIZATION	1193.0
US 54 (JACKSON ST)				
0+82.0	3+92.0	LT/RT	CHANNELIZATION	1013.9
1+97.0	2+63.8	LT	SKIP-DASH	18.0
4+00.0	42+27.0	CL	SKIP-DASH	960.0
FRANKLIN ST				
9+40.7	9+52.1	CL	NO-PASSING	22.8
MADISON ST				
9+13.0	9+55.8	CL	NO-PASSING	42.8
MONROE ST				
9+27.0	9+54.2	CL	NO-PASSING	52.4
SOUTH JACKSON ST				
8+92.5	9+49.5	CL	NO-PASSING	114.0
ADAMS ST				
8+85.0	9+59.7	CL	CHANNELIZATION	218.0
TOTAL (0005 ROADWAY/ADA)			13678.6	280.0
USE (0005 ROADWAY/ADA)			13679	280
SOUTH JACKSON ST				
6+17.9	8+92.0	CL	SKIP-DASH	70.0
TOTAL (0005 SOUTH JACKSON ST)			70.0	0.0
USE (0005 SOUTH JACKSON ST)			70	0
USE			14029	

MISCELLANEOUS PAVEMENT MARKING SCHEDULE

ITEM	DESCRIPTION	UNIT	TOTALS
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2976
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	992
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2136
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	28058
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	35468
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2938
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1350
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	37199

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

REV. 1-7-2020

MODIFIED URETHANE PAVEMENT MARKING – LINE 6"

78009006

LOCATION	SIDE	DESCRIPTION	FOOT
US 54 (WASHINGTON ST)			
1000+42.9 1000+48.9	LT/RT	CROSSWALK	138.8
1000+54.0 1001+94.6	LT	CHANNELIZATION	141.0
1002+10.9 1003+95.9	LT	CHANNELIZATION	215.1
1002+36.9 1003+96.5	RT	CHANNELIZATION	189.1
7+87.3 7+93.3	LT/RT	CROSSWALK	139.4
7+98.6 8+98.6	LT	CHANNELIZATION	100.0
9+14.6 9+47.1	RT	PARKING	73.6
9+73.4 11+30.5	RT	PARKING	264.5
10+09.6 11+30.4	LT	PARKING	263.7
10+55.4 11+30.4	RT	CHANNELIZATION	75.0
11+30.4 11+38.4	LT/RT	CROSSWALK	125.5
12+05.6 12+13.6	LT/RT	CROSSWALK	186.4
12+11.8 13+72.3	LT	PARKING	261.0
12+13.1 12+89.1	LT	CHANNELIZATION	76.0
12+15.2 15+46.9	RT	PARKING	735.3
12+80.5 14+80.5	RT	CHANNELIZATION	200.0
13+93.4 15+56.6	LT	PARKING	263.6
14+66.2 15+41.2	RT	CHANNELIZATION	75.0
15+51.5 15+59.7	LT/RT	CROSSWALK	123.2
16+26.3 16+34.4	LT/RT	CROSSWALK	123.5
16+32.3 17+90.2	RT	PARKING	351.3
16+36.2 17+88.5	LT	PARKING	281.0
18+14.0 19+52.9	RT	PARKING	213.9
18+15.2 19+62.9	LT	PARKING	237.6
18+89.0 19+64.1	RT	CHANNELIZATION	75.0
19+69.7 19+75.7	LT/RT	CROSSWALK	141.5
20+42.6 20+50.6	LT/RT	CROSSWALK	138.1
20+56.1 21+56.1	LT	CHANNELIZATION	99.0
22+35.9 23+79.1	LT	PARKING	185.4
22+43.4 23+80.5	RT	PARKING	181.6
32+08.0 35+14.0	RT	CHANNELIZATION	412.5
32+08.0 35+14.0	LT	CHANNELIZATION	409.9
36+50.0 37+60.0	LT	CHANNELIZATION	110.0
37+67.3 37+73.3	LT/RT	CROSSWALK	101.2
38+26.7 38+32.7	LT/RT	CROSSWALK	105.0
38+46.0 39+63.0	LT	CHANNELIZATION	117.0
42+46.0 43+46.0	RT	CHANNELIZATION	100.0
44+12.0 45+12.0	LT	CHANNELIZATION	100.0
49+36.0 50+36.0	RT	CHANNELIZATION	100.0
US 54 (JACKSON ST)			
0+46.8 0+52.8	LT/RT	CROSSWALK	148.4
0+57.0 1+97.0	LT	CHANNELIZATION	140.0
1+62.0 3+92.0	RT	CHANNELIZATION	230.0
3+36.0 4+02.9	LT	CHANNELIZATION	77.7
4+67.0 8+11.0	RT	PARKING	395.1
4+67.0 8+11.0	LT	PARKING	395.8
8+89.4 12+43.3	RT	PARKING	405.1
8+89.4 12+43.3	LT	PARKING	406.5
13+08.7 16+30.4	RT	PARKING	373.0
13+08.7 16+46.9	LT	PARKING	390.0
16+97.6 19+45.4	RT	PARKING	301.0
16+97.6 19+45.4	LT	PARKING	300.0
20+02.2 26+22.3	RT	PARKING	671.8
20+02.2 23+41.1	LT	PARKING	392.0
23+93.1 26+22.3	LT	PARKING	281.2
26+85.3 42+27.0	RT	PARKING	1563.2
26+85.3 42+27.0	LT	PARKING	1572.4

MODIFIED URETHANE PAVEMENT MARKING – LINE 6" (CONTINUED)

78009006

LOCATION	SIDE	DESCRIPTION	FOOT
FRANKLIN ST			
9+61.4 9+67.4	LT/RT	CROSSWALK	72.0
10+36.6 10+42.6	LT/RT	CROSSWALK	76.2
MISSISSIPPI ST			
10+33.3 10+39.3	LT/RT	CROSSWALK	37.0
MEMORIAL ST			
9+62.0 9+68.0	LT/RT	CROSSWALK	94.5
10+41.5 10+49.5	LT/RT	CROSSWALK	98.9
MADISON ST			
9+10.5 9+66.3	RT	PARKING	192.6
9+40.0 9+64.6	LT	PARKING	144.4
9+65.6 9+73.6	LT/RT	CROSSWALK	104.9
10+36.6 10+44.6	LT/RT	CROSSWALK	103.9
10+44.5 10+99.0	LT	PARKING	213.3
10+44.6 11+02.5	LT/RT	CHANNELIZATION	155.0
10+44.7 11+05.1	RT	PARKING	193.5
MONROE ST			
9+27.0 9+59.7	RT	PARKING	77.0
9+31.2 9+59.7	LT	PARKING	75.3
9+59.7 9+67.7	LT/RT	CROSSWALK	20.6
10+33.0 10+41.0	LT/RT	CROSSWALK	90.6
10+39.9 10+68.7	RT	PARKING	81.2
10+42.7 10+69.5	LT	PARKING	94.3
SOUTH JACKSON ST			
9+54.5 9+60.5	LT/RT	CROSSWALK	102.5
ADAMS ST			
8+89.4 9+58.7	RT	CROSSWALK	166.6
9+03.5 9+60.8	LT		102.5
9+59.7 9+69.7	LT/RT		107.0
10+32.8 10+38.8	LT/RT		56.9
TOTAL (0005 ROADWAY/ADA)			17733.6
USE (0005 ROADWAY/ADA)			17734
USE			17734

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

78100100

STATION	STATION	SIDE	2-WAY AMBER	1-WAY AMBER	1-WAY CRYSTAL
			EACH		
US 54 (WASHINGTON ST)					
1000+54.3	1001+94.6	LT			5
1000+76.6	1001+94.6	RT	6		
1001+94.6	1003+84.1	LT/RT		10	
7+98.6	8+98.6	RT	6		
7+98.6	8+98.6	LT			4
8+98.6	10+55.4	LT/RT		7	
10+55.4	11+30.4	RT			3
10+55.4	11+30.4	LT	4		
12+14.1	12+89.0	RT	4		
12+14.1	12+89.0	LT			3
12+89.0	14+66.2	LT/RT		10	
14+66.2	15+41.2	RT			3
14+66.2	15+41.2	LT	4		
16+33.8	18+89.0	LT/RT		14	
18+89.0	19+64.0	RT			3
18+89.0	19+64.0	LT	4		
20.56+1	21+56.1	RT	6		
20+56.1	21+56.1	LT			4
21+56.1	23+69.3	LT/RT		12	
23+69.3	32+95.0	CL	13		
32+95.0	36+50.0	LT/RT		18	
36+50.0	37+60.0	RT			4
36+50.0	37+60.0	LT	6		
38+46.0	39+63.0	RT	6		
38+46.0	39+63.0	LT			4
39+63.0	40+35.0	LT/RT		5	
40+35.0	41+74.0	LT/RT	8		
41+74.0	42+46.0	LT/RT		5	
42+46.0	43+56.0	RT			4
42+46.0	43+46.0	LT	6		
44+12.0	45+12.0	RT	6		
44+12.0	45+12.0	LT			4
45+12.0	45+84.0	LT/RT		5	
45+84.0	48+64.0	LT/RT	14		
48+64.0	49+36.0	LT/RT		5	
49+36.0	50+36.0	RT			4
49+36.0	50+36.0	LT	6		
51+07.7	55+84.0	LT/RT	24		
US 54 (JACKSON ST)					
0+57.0	1+97.0	LT			5
0+82.0	1+97.0	RT	6		
1+97.0	3+92.0	LT/RT		10	
4+00.0	42+27.0	CL	49		
TOTAL (0005 ROADWAY/ADA)			178	101	50
USE			329		

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USER NAME = cds	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 12/23/2019	CHECKED -	REVISED -
	DATE -	REVISED -

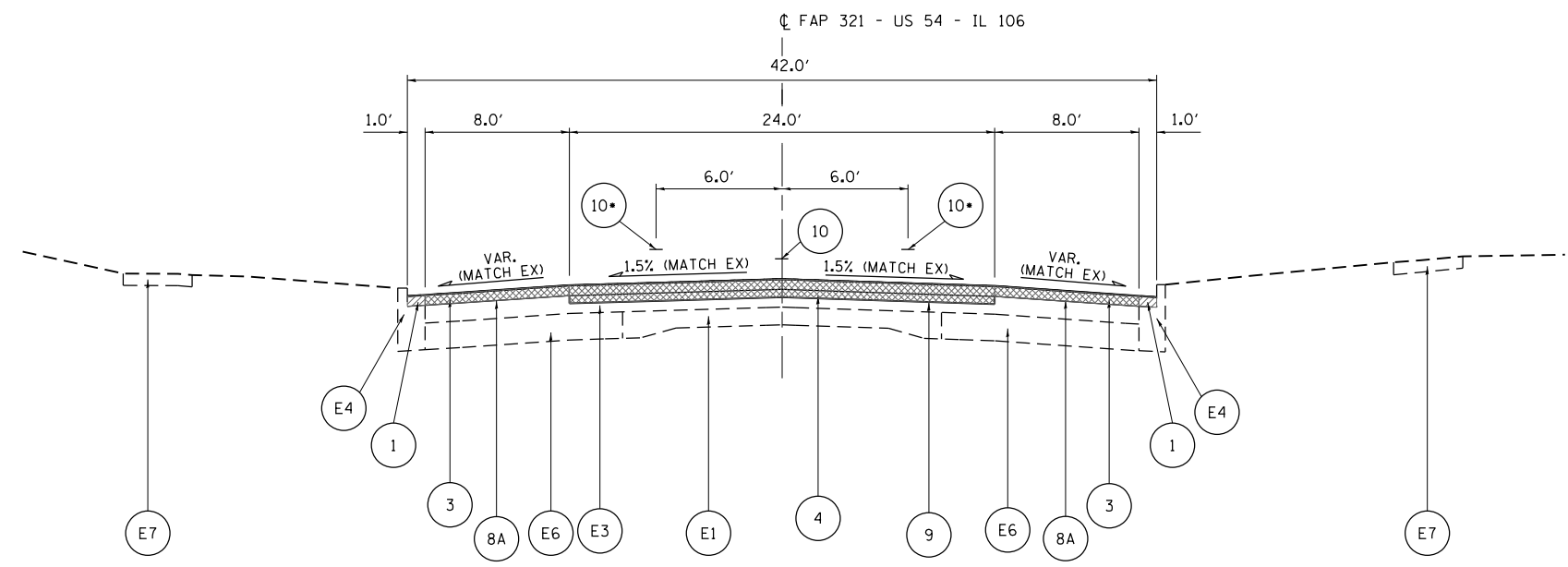
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: None SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	25
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

REV. 1-7-2020

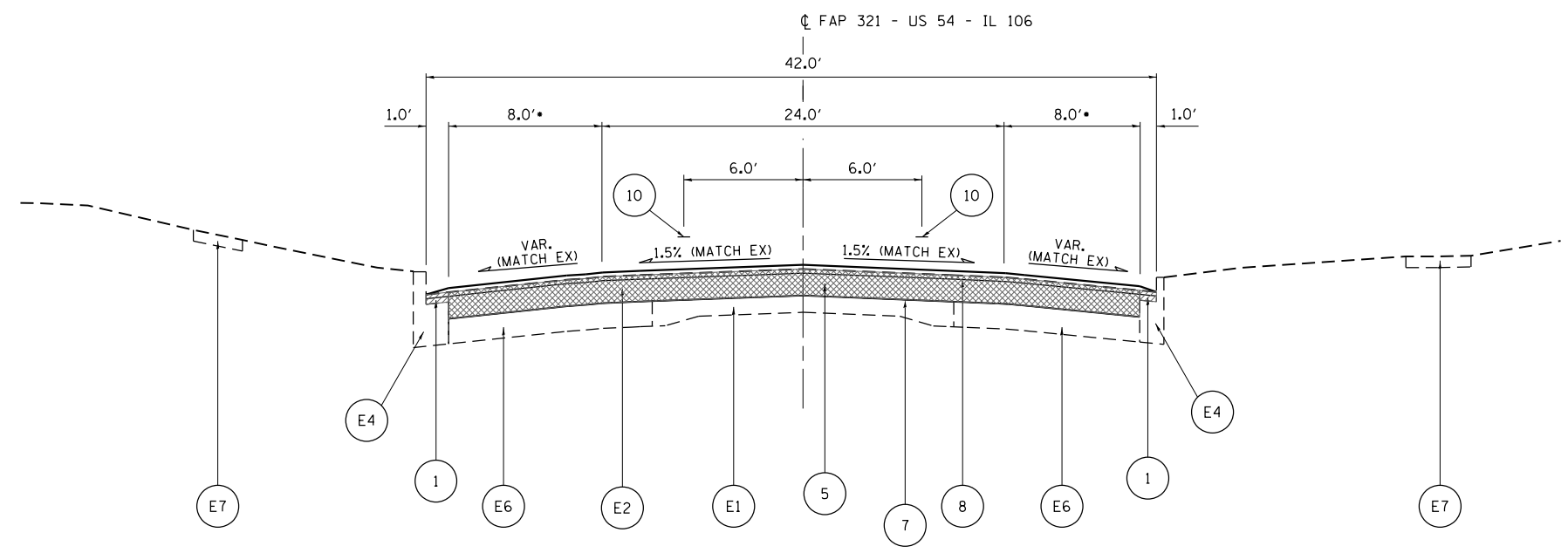


• 19+45.07 - 24+09.10
 HOT-MIX ASPHALT BINDER COURSE, IL 9.5FG, N50
 NEEDS TO BE FULL WIDTH IN
 AREAS WITH NO PARKING LANES

FAP 321/ US 54/ IL 106 (WASHINGTON ST.)
 STA. 20+10.68 - 28+97.00 (MEMORIAL ST. TO WEST ST.)

LEGEND

- (E1) EXISTING PCC PAVEMENT (9-6-9)
- (E2) EXISTING HMA COURSE (3")
- (E3) EXISTING HMA COURSE (4.5")
- (E4) EXISTING COMBINATION CONCRETE C&G, TY B-6.12
- (E5) EXISTING COMBINATION CONCRETE C&G, TY B-6.24
- (E6) EXISTING PCC BASE COURSE WIDENING (9")
- (E7) EXISTING PCC SIDEWALK
- (E8) EXISTING BIT. BASE COURSE (10")
- (E9) EXISTING BIT. SURFACE (6")
- (1) PROPOSED HMA SURFACE REMOVAL, SPECIAL
- (2) PROPOSED HMA SURFACE REMOVAL VARIABLE DEPTH
- (3) PROPOSED HMA SURFACE REMOVAL (1.50")
- (4) PROPOSED HMA SURFACE REMOVAL (2.25")
- (5) PROPOSED HMA SURFACE REMOVAL (3")
- (6) PROPOSED HMA SURFACE REMOVAL (3.75")
- (7) PROPOSED HMA BINDER COURSE, IL-19.0, N50 (2.25")
- (8) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N50 (1.50")
- (8A) PROPOSED HMA SURFACE COURSE, MIX "C", N50 (1.50")
- (9) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (.75")
- (10) PROPOSED PAVEMENT MARKING LINE (SEE PLAN/STRIPING SHEETS FOR DETAILS)

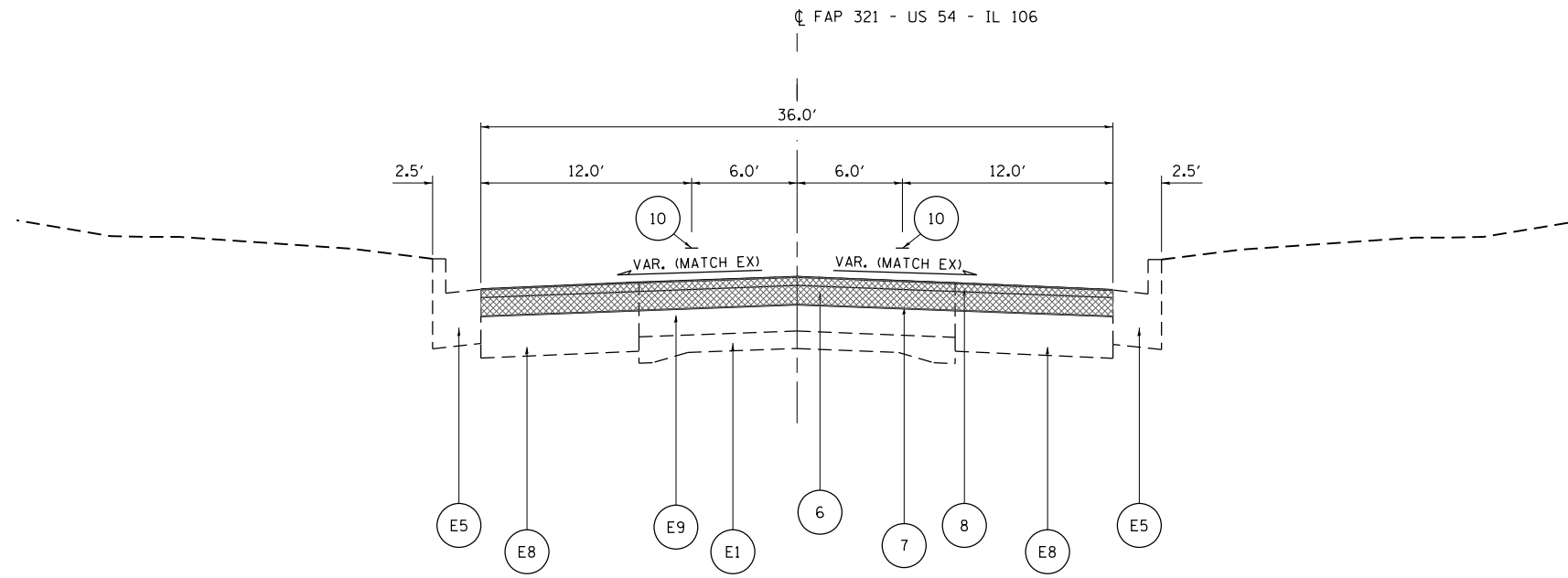


• 28+97.00 - 32+08.00
 (3) (8A) LIMITS OF PARKING LANES

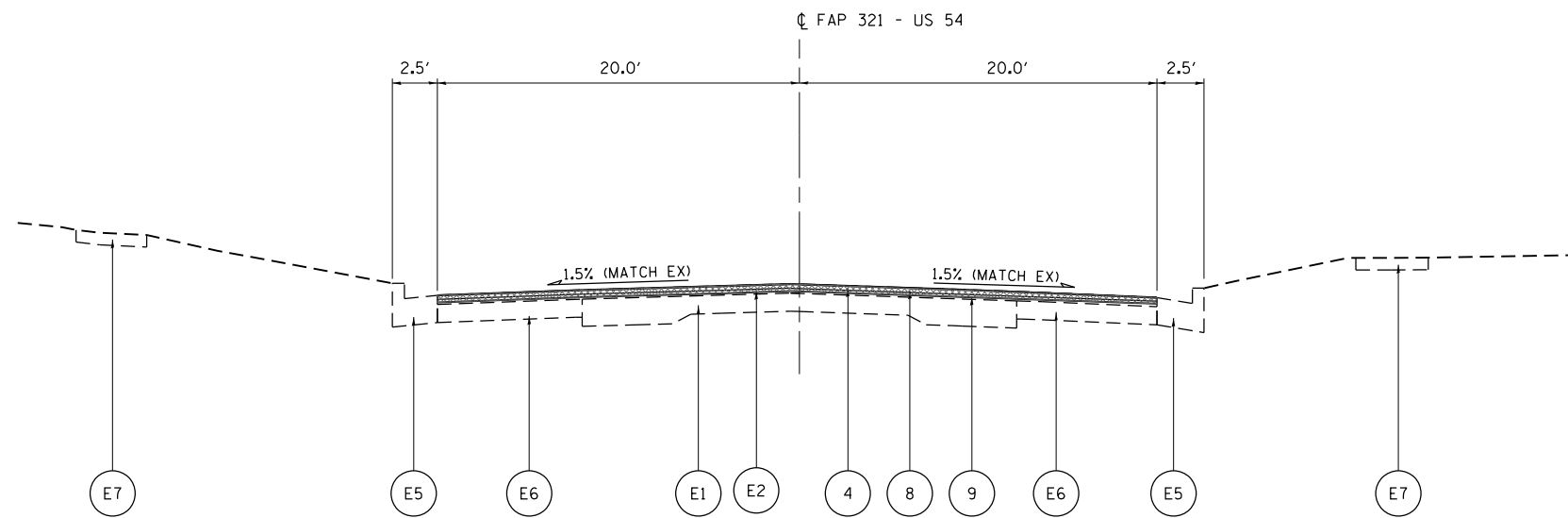
FAP 321/ US 54/ IL 106 (WASHINGTON ST.)
 STA. 28+97.00 - 32+08.00 (WEST ST. TO SOUTH ARCHER ST.)

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	27
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



FAP 321/ US 54/ IL 106 (WASHINGTON ST.)
 STA. 50+14.50 - 55+84.00 (SOUTH ARCHER ST. TO BEGIN. OF PROJECT)



FAP 321/ US 54 (JACKSON ST.)
 STA. 0+09.10 - 0+29.10

LEGEND

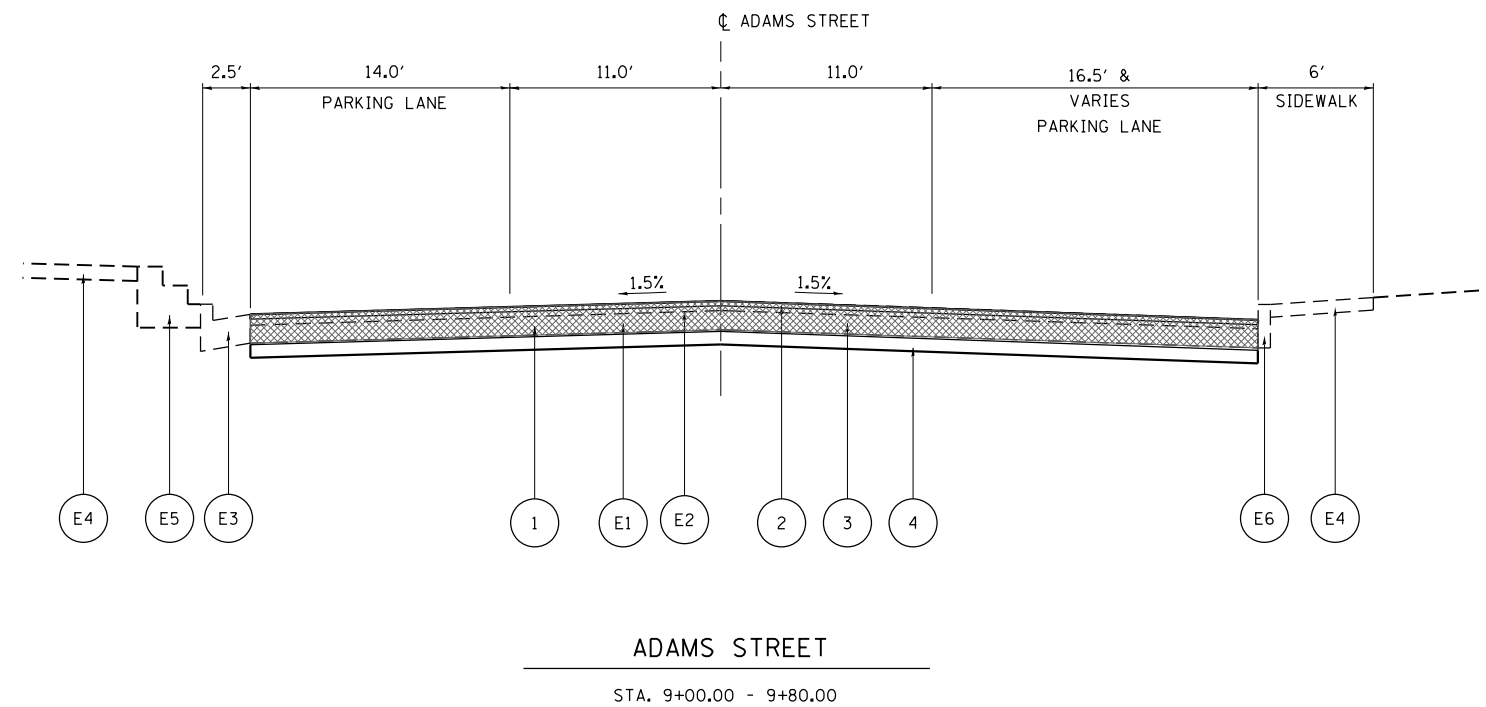
- ⓔ1 EXISTING PCC PAVEMENT (9-6-9)
- ⓔ2 EXISTING HMA COURSE (3")
- ⓔ3 EXISTING HMA COURSE (4.5")
- ⓔ4 EXISTING COMBINATION CONCRETE C&G, TY B-6.12
- ⓔ5 EXISTING COMBINATION CONCRETE C&G, TY B-6.24
- ⓔ6 EXISTING PCC BASE COURSE WIDENING (9")
- ⓔ7 EXISTING PCC SIDEWALK
- ⓔ8 EXISTING BIT. BASE COURSE (10")
- ⓔ9 EXISTING BIT. SURFACE (6")
- ① PROPOSED HMA SURFACE REMOVAL, SPECIAL
- ② PROPOSED HMA SURFACE REMOVAL VARIABLE DEPTH
- ③ PROPOSED HMA SURFACE REMOVAL (1.50")
- ④ PROPOSED HMA SURFACE REMOVAL (2.25")
- ⑤ PROPOSED HMA SURFACE REMOVAL (3")
- ⑥ PROPOSED HMA SURFACE REMOVAL (3.75")
- ⑦ PROPOSED HMA BINDER COURSE, IL-19.0, N50 (2.25")
- ⑧ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N50 (1.50")
- ⑧A PROPOSED HMA SURFACE COURSE, MIX "C", N50 (1.50")
- ⑨ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (.75")
- ⑩ PROPOSED PAVEMENT MARKING LINE (SEE PLAN/STRIPING SHEETS FOR DETAILS)

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USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	28
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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LEGEND

- ⓔ1 EXISTING BASE COURSE
- ⓔ2 EXISTING HMA COURSE
- ⓔ3 EXISTING COMBINATION CONCRETE C&G, TY B-6.24
- ⓔ4 EXISTING PCC SIDEWALK
- ⓔ5 EXISTING STEPS
- ⓔ6 EXISTING CURB

- ① PROPOSED PAVEMENT REMOVAL
- ② PROPOSED INCIDENTAL HMA SURFACING (1.5" & VARIES)
- ③ PROPOSED 8" PCC BASE
- ④ PROPOSED 4" SUBBASE GRANULAR MATERIAL, TYPE A

USER NAME = jackce	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	30
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - FAP 321 (US 54/IL 106)			
	STATION	N	E
PC	56+13.58	1,071,316.8868	2,112,410.4843
PI	59+14.39	1,071,320.0520	2,112,109.7020
PT	61+98.00	1,071,156.8396	2,111,857.0209
POT	64+81.23	1,071,003.1670	2,111,619.1092
PC	69+75.66	1,070,745.0842	2,111,219.5523
PI	74+11.31	1,070,508.7100	2,110,853.6040
PT	78+21.49	1,070,516.1379	2,110,418.0173

ALIGNMENT COORDINATES - GROVE STREET			
	STATION	N	E
POT	10+00.00	1,071,242.8145	2,112,021.9962
POT	15+24.93	1,071,767.7450	2,112,021.9840

BM TJM-5
 STA. 60+52.30, 47.5' RT
 CHISLED "X" ON TOP SE BOLT TO FIRE HYDRANT
 NW QUAD US54 & GROVE STREET
 ELEV. = 771.90

BM TEA-54
 STA. 69+31.30, 29.0' RT
 CHISLED "□" ON MAST ARM SIGNAL FOUNDATION
 NORTH SIDE OF US54 AT SHETLAND DRIVE
 ELEV. = 767.012

BM TJM-4
 STA. 55+63.00, 29.1' LT
 CHISLED "X" ON TOP NE BOLT TO FIRE HYDRANT
 SOUTH SIDE OF US 54 & IN FRONT OF CAR WASH
 ELEV. = 756.06

BM TJM-7
 STA. 69+64.70, 35.2' LT
 CHISLED "□" ON NE CORNER OF TRAFF. CONTRL BOX
 SW QUAD US54 & SHETLAND DRIVE
 ELEV. = 766.685

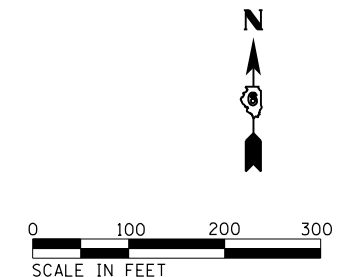
EXIST. CURVE TA20094
 PI STA. = 74+11.31
 Δ = 33° 50' 11" (RT)
 D = 4° 00' 01"
 R = 1,432.26'
 T = 435.65'
 L = 845.83'
 E = 64.79'
 P.C. STA. = 69+75.66
 P.T. STA. = 78+21.49

EXIST. CURVE 215
 PI STA. = 8+74.19
 Δ = 32° 25' 11" (LT)
 D = 23° 47' 51"
 R = 240.76'
 T = 69.99'
 L = 136.23'
 E = 9.97'
 P.C. STA. = 8+04.20
 P.T. STA. = 9+40.43

EXIST. CURVE TA114
 PI STA. = 59+14.39
 Δ = 33° 27' 44" (LT)
 D = 5° 43' 33"
 R = 1,000.67'
 T = 300.81'
 L = 584.42'
 E = 44.23'
 P.C. STA. = 56+13.58
 P.T. STA. = 61+98.00

ALIGNMENT COORDINATES - SHETLAND DRIVE			
	STATION	N	E
POT	7+22.55	1,070,520.3870	2,111,348.2240
PC	8+04.20	1,070,602.0212	2,111,346.5826
PI	8+74.19	1,070,672.0001	2,111,345.1756
PT	9+40.43	1,070,730.3180	2,111,306.4711
POT	10+00.00	1,070,779.9503	2,111,273.5310

NOTE:
 ALL COORDINATES ARE NAD 83/ 2007 ADJ



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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 1/99,999' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HORIZONTAL ALIGNMENT
 US 54 /IL 106 (WASHINGTON ST.)
 SCALE: 1:200 SHEET 1 OF 3 SHEETS STA. 80+00.00 TO STA. 55+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	31
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - FAP 321 (US 54/IL 106)			
STATION	N	E	
PI	27+26.58	1,071,286.5090	2,115,297.3370
PI	16+30.28	1,071,275.6468	2,116,393.5806
PI	11+31.60	1,071,270.7470	2,116,892.2391
POT	7+56.90	1,071,266.0905	2,117,266.9112

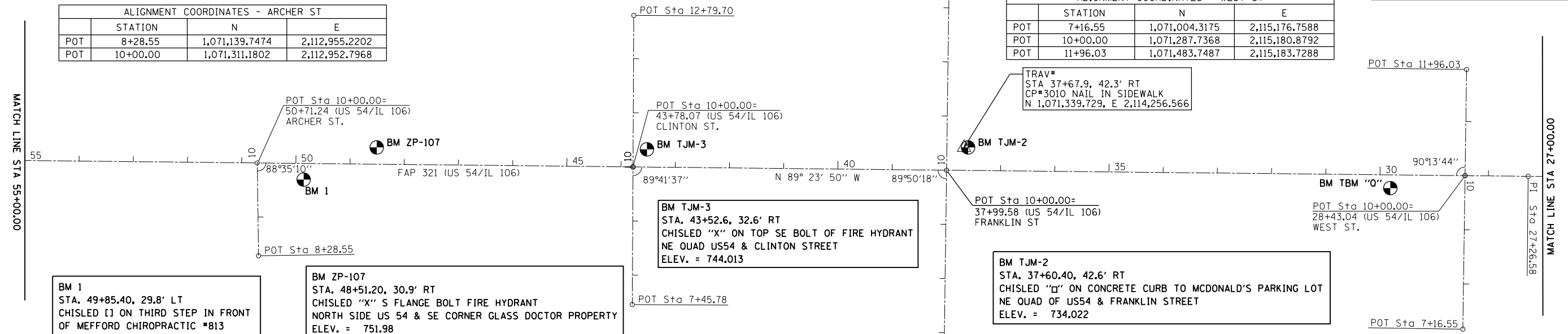
ALIGNMENT COORDINATES - CLINTON ST			
STATION	N	E	
POT	7+45.78	1,071,049.6700	2,113,644.6079
POT	10+00.00	1,071,303.8865	2,113,645.9284
POT	12+79.70	1,071,583.5827	2,113,647.3813

ALIGNMENT COORDINATES - FRANKLIN ST			
STATION	N	E	
POT	5+51.14	1,070,848.9795	2,114,218.3983
POT	10+00.00	1,071,297.7994	2,114,224.3964
POT	15+09.10	1,071,806.8539	2,114,231.1996

ALIGNMENT COORDINATES - ARCHER ST			
STATION	N	E	
POT	8+28.55	1,071,139.7474	2,112,955.2202
POT	10+00.00	1,071,311.1802	2,112,952.7968

ALIGNMENT COORDINATES - WEST ST			
STATION	N	E	
POT	7+16.55	1,071,004.3175	2,115,176.7588
POT	10+00.00	1,071,287.7368	2,115,180.8792
POT	11+96.03	1,071,483.7487	2,115,183.7288

BM TBM "O"
 STA. 29+80.77, 24.43' LT
 CHISLED "□" ON NE CORNER CONC. SLAB
 SOUTH SIDE WASHINGTON STREET
 ELEV. = 738.062



BM 1
 STA. 49+85.40, 29.8' LT
 CHISLED [J] ON THIRD STEP IN FRONT
 OF MEFFORD CHIROPRACTIC #813
 ELEV. = 753.935

BM ZP-107
 STA. 48+51.20, 30.9' RT
 CHISLED "X" S FLANGE BOLT FIRE HYDRANT
 NORTH SIDE US 54 & SE CORNER GLASS DOCTOR PROPERTY
 ELEV. = 751.98

BM TJM-3
 STA. 43+52.6, 32.6' RT
 CHISLED "X" ON TOP SE BOLT OF FIRE HYDRANT
 NE QUAD US54 & CLINTON STREET
 ELEV. = 744.013

BM TJM-2
 STA. 37+60.40, 42.6' RT
 CHISLED "□" ON CONCRETE CURB TO MCDONALD'S PARKING LOT
 NE QUAD OF US54 & FRANKLIN STREET
 ELEV. = 734.022

ALIGNMENT COORDINATES - MISSISSIPPI ST			
STATION	N	E	
POT	8+09.45	1,071,092.8239	2,115,613.1424
POT	10+00.00	1,071,283.3634	2,115,614.8025
POT	11+85.31	1,071,468.6712	2,115,616.4170

ALIGNMENT COORDINATES - MEMORIAL ST			
STATION	N	E	
POT	8+03.67	1,071,083.0929	2,116,011.0866
POT	10+00.00	1,071,279.4158	2,116,013.1983
POT	11+78.77	1,071,458.1727	2,116,015.1211

ALIGNMENT COORDINATES - MADISON ST			
STATION	N	E	
POT	7+39.78	1,071,015.0558	2,116,429.8747
POT	10+00.00	1,071,275.2569	2,116,433.2553
POT	12+45.57	1,071,520.8068	2,116,436.4456

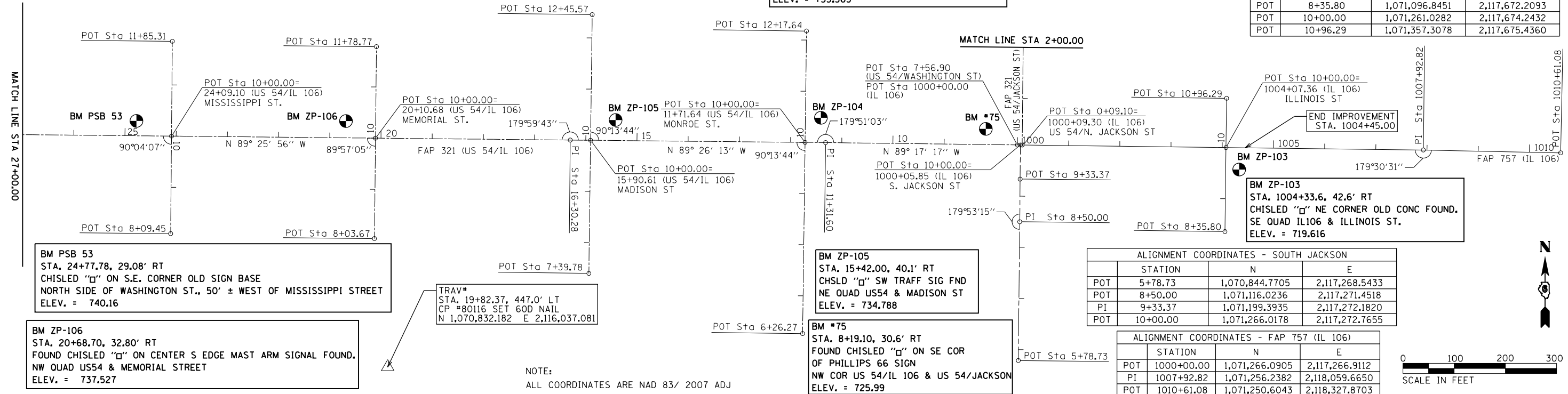
ALIGNMENT COORDINATES - MONROE ST			
STATION	N	E	
POT	6+26.27	1,070,897.4412	2,116,847.3534
POT	10+00.00	1,071,271.1404	2,116,852.1994
POT	12+17.64	1,071,488.7576	2,116,855.0213

ALIGNMENT COORDINATES - ILLINOIS ST			
STATION	N	E	
POT	8+35.80	1,071,096.8451	2,117,672.2093
POT	10+00.00	1,071,261.0282	2,117,674.2432
POT	10+96.29	1,071,357.3078	2,117,675.4360

TRAV#
 STA 23+88.85, 449.0' RT
 CP #80112 SET 60D NAIL
 N 1,071,732.152 E 2,115,639.495

TRAV#
 STA 19+81.29, 462.3' RT
 CP #80115 SET 60D NAIL
 N 1,071,741.386 E 2,116,047.168

BM ZP-104
 STA. 11+41.30, 48.4' RT
 CHISLED "X" S FLANGE BOLT FIRE HYDRANT
 NE QUAD US54 & MONROE STREET
 ELEV. = 733.563



BM PSB 53
 STA. 24+77.78, 29.08' RT
 CHISLED "□" ON S.E. CORNER OLD SIGN BASE
 NORTH SIDE OF WASHINGTON ST., 50' ± WEST OF MISSISSIPPI STREET
 ELEV. = 740.16

BM ZP-106
 STA. 20+68.70, 32.80' RT
 FOUND CHISLED "□" ON CENTER S EDGE MAST ARM SIGNAL FOUND,
 NW QUAD US54 & MEMORIAL STREET
 ELEV. = 737.527

TRAV#
 STA. 19+82.37, 447.0' LT
 CP #80116 SET 60D NAIL
 N 1,070,832.182 E 2,116,037.081

BM ZP-105
 STA. 15+42.00, 40.1' RT
 CHSLD "□" SW TRAFF SIG FND
 NE QUAD US54 & MADISON ST
 ELEV. = 734.788

BM #75
 STA. 8+19.10, 30.6' RT
 FOUND CHISLED "□" ON SE COR
 OF PHILLIPS 66 SIGN
 NW COR US 54/IL 106 & US 54/JACKSON
 ELEV. = 725.99

BM ZP-103
 STA. 1004+33.6, 42.6' RT
 CHISLED "□" NE CORNER OLD CONC FOUND.
 SE QUAD IL106 & ILLINOIS ST.
 ELEV. = 719.616

ALIGNMENT COORDINATES - SOUTH JACKSON			
STATION	N	E	
POT	5+78.73	1,070,844.7705	2,117,268.5433
POT	8+50.00	1,071,116.0236	2,117,271.4518
PI	9+33.37	1,071,199.3935	2,117,272.1820
POT	10+00.00	1,071,266.0178	2,117,272.7655

ALIGNMENT COORDINATES - FAP 757 (IL 106)			
STATION	N	E	
POT	1000+00.00	1,071,266.0905	2,117,266.9112
PI	1007+92.82	1,071,256.2382	2,118,059.6650
POT	1010+61.08	1,071,250.6043	2,118,327.8703

NOTE:
 ALL COORDINATES ARE NAD 83/ 2007 ADJ



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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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 199.9999' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HORIZONTAL ALIGNMENT US 54 /IL 106 (WASHINGTON ST.)			
SCALE: 1:200	SHEET 2	OF 3 SHEETS	STA. 55+00.00 TO STA. 1010+61.08

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	32
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

TRAV#
 STA 3+83.21, 30.0' LT
 CP 3002
 N 1,071,640.360 E 2,117,249.983

BM PSB 54
 STA. 8+06.79, 34.81' RT
 CHISLED "+" IN CONC. SIDEWALK
 SW COR OF US 54 AND JEFFERSON
 ELEV. = 725.44

BM TJM 207: STA. 20+09.6, 32.9' RT
 FOUND CHISLED "+" ON TOP OF SE BOLT
 TO FIRE HYDRANT
 NE COR US 54 & GRIGGSVILLE ST
 ELEV. = 715.67

ALIGNMENT COORDINATES - FAP 321 (US 24)			
	STATION	N	E
POT	0+09.10	1,071,265.9750	2,117,276.2081
PC	27+58.96	1,074,015.6962	2,117,303.6547
PI	30+33.66	1,074,290.3826	2,117,306.3965
PT	33+04.62	1,074,553.1762	2,117,386.3939
POT	42+80.00	1,075,486.2755	2,117,670.4401

ALIGNMENT COORDINATES - ADAMS ST			
	STATION	N	E
POT	8+09.45	1,071,092.8239	2,115,613.1424
POT	10+00.00	1,071,283.3634	2,115,614.8025
POT	11+85.31	1,071,468.6712	2,115,616.4170

ALIGNMENT COORDINATES - JEFFERSON ST			
	STATION	N	E
POT	9+00.00	1,072,107.2943	2,117,184.6016
POT	10+00.00	1,072,105.9069	2,117,284.5920
POT	11+01.34	1,072,104.5010	2,117,385.9200

ALIGNMENT COORDINATES - PERRY ST			
	STATION	N	E
POT	8+88.83	1,072,529.6230	2,117,177.6430
POT	10+00.00	1,072,529.0617	2,117,288.8157
POT	10+87.49	1,072,528.6200	2,117,376.3040

ALIGNMENT COORDINATES - NORTH ST			
	STATION	N	E
POT	8+77.82	1,072,930.5830	2,117,170.6350
POT	10+00.00	1,072,929.2385	2,117,292.8101
POT	11+12.09	1,072,928.0050	2,117,404.8920

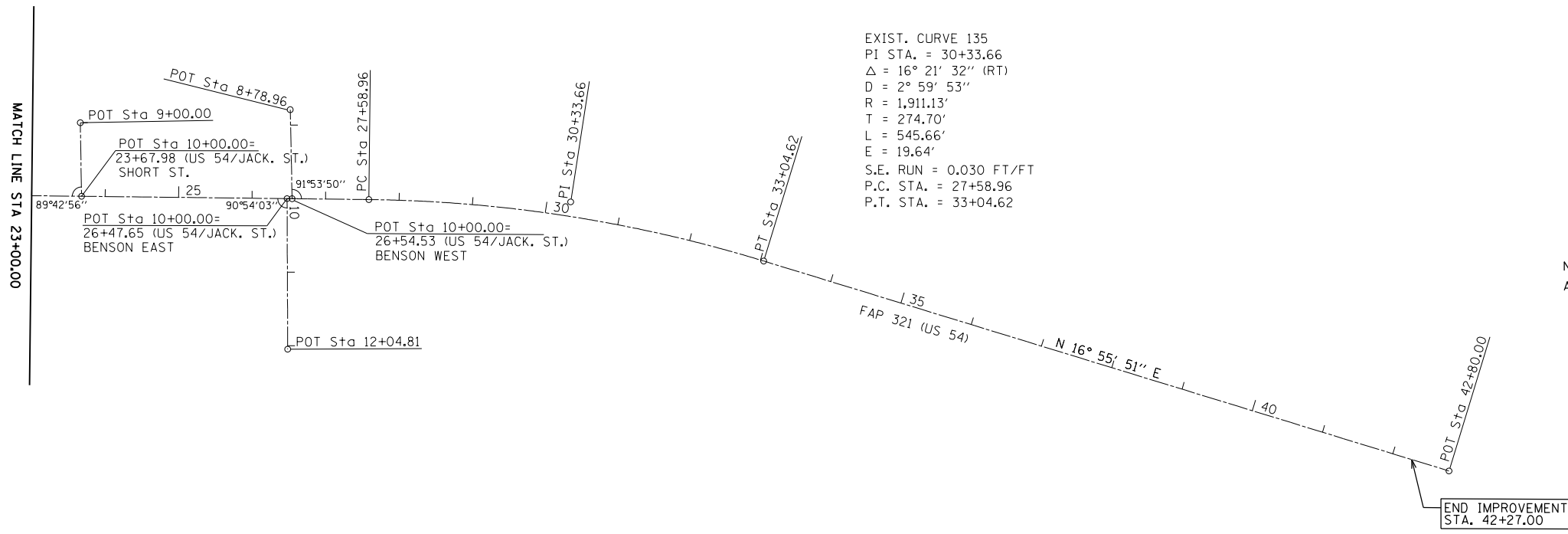
ALIGNMENT COORDINATES - SHORT ST			
	STATION	N	E
POT	9+00.00	1,073,622.8404	2,117,199.7703
POT	10+00.00	1,073,624.7382	2,117,299.7523

ALIGNMENT COORDINATES - GRIGGSVILLE EAST			
	STATION	N	E
POT	10+00.00	1,073,225.7583	2,117,295.7699
POT	11+07.85	1,073,225.2170	2,117,403.6210

ALIGNMENT COORDINATES - BENSON EAST			
	STATION	N	E
POT	10+00.00	1,073,904.3889	2,117,302.5437
POT	12+04.81	1,073,905.5650	2,117,507.3490

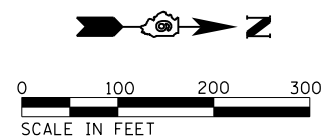
ALIGNMENT COORDINATES - GRIGGSVILLE WEST			
	STATION	N	E
POT	7+74.60	1,073,227.6620	2,117,070.4450
POT	10+00.00	1,073,231.0712	2,117,295.8229

ALIGNMENT COORDINATES - BENSON WEST			
	STATION	N	E
POT	8+78.96	1,073,908.4660	2,117,181.6030
POT	10+00.00	1,073,911.2659	2,117,302.6123



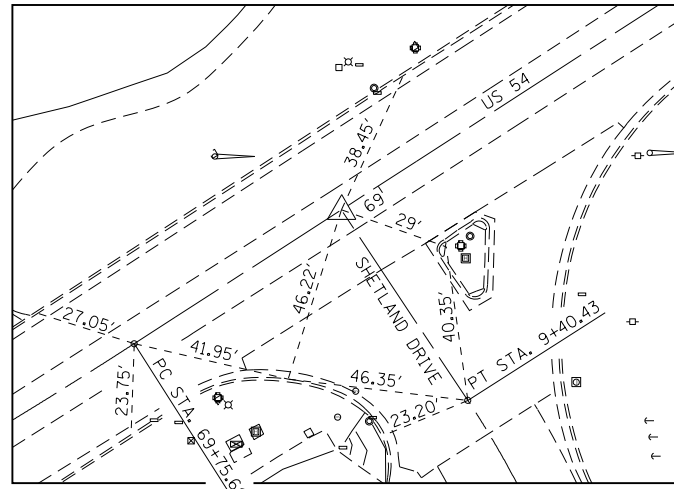
EXIST. CURVE 135
 PI STA. = 30+33.66
 $\Delta = 16^\circ 21' 32''$ (RT)
 $D = 2^\circ 59' 53''$
 $R = 1,911.13'$
 $T = 274.70'$
 $L = 545.66'$
 $E = 19.64'$
 S.E. RUN = 0.030 FT/FT
 P.C. STA. = 27+58.96
 P.T. STA. = 33+04.62

NOTE:
 ALL COORDINATES ARE NAD 83/ 2007 ADJ



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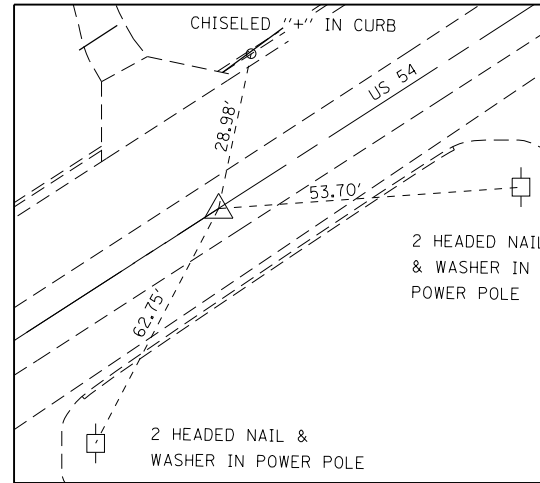
KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jackca DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL ALIGNMENT US 54 / (NORTH JACKSON ST.)			F.A.P. RTE. 321 SECTION (20,107) RS-8, ADA COUNTY PIKE TOTAL SHEETS 181 SHEET NO. 33 CONTRACT NO. 72H83
	PLOT SCALE = 1/8" = 1' / in. PLOT DATE = 10/17/2019	SCALE: 1:200 SHEET 3 OF 3 SHEETS STA. 2+00.00 TO STA. 42+80.00		ILLINOIS FED. AID PROJECT			



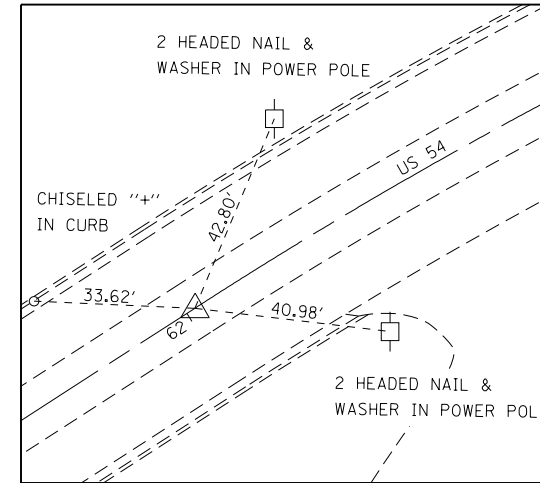
• ALL TIE POINTS ARE CHISELED "+" IN CURB



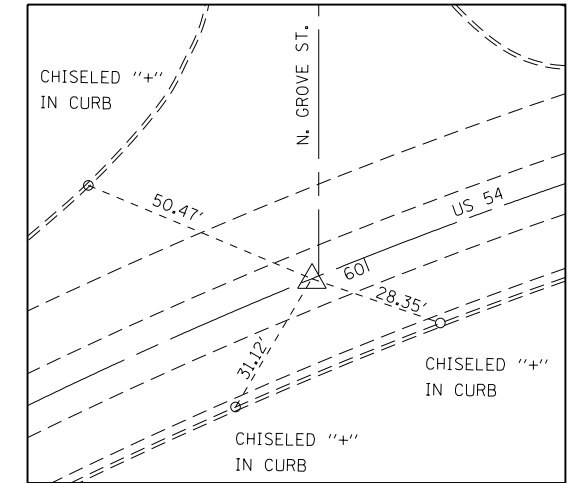
POT STA. 69+11.40
MAGNETIC NAIL IN BOTTLE CAP
(US 54)



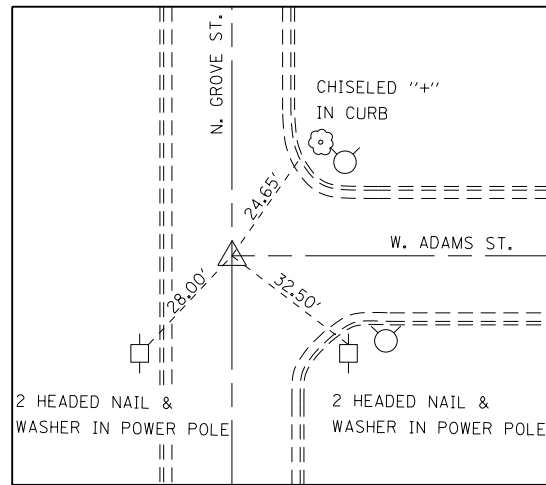
STATION EQUATION
POT STA. 64+81.23 (BK) = STA. 65+00.00 (AH)
MAGNETIC NAIL IN BOTTLE CAP
(US 54)



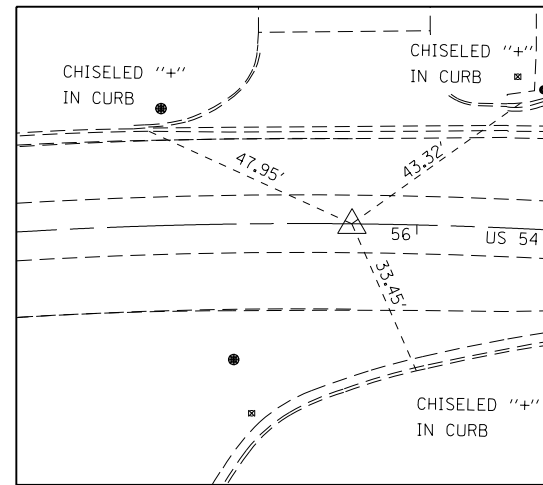
PT STA. 61+98.00
MAGNETIC NAIL IN BOTTLE CAP
(US 54)



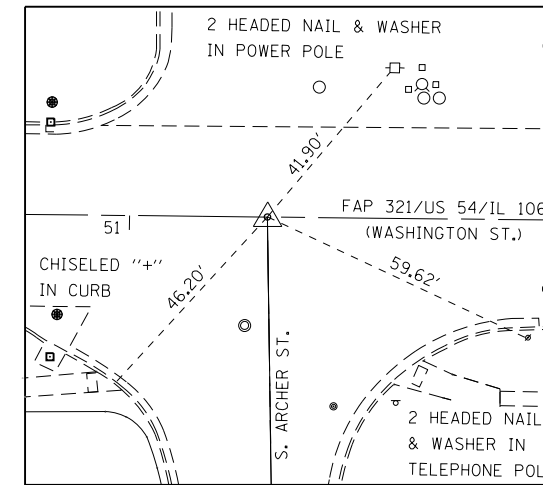
POT STA. 60+11.70
MAGNETIC NAIL IN BOTTLE CAP
(US 54 & N. GROVE ST.)



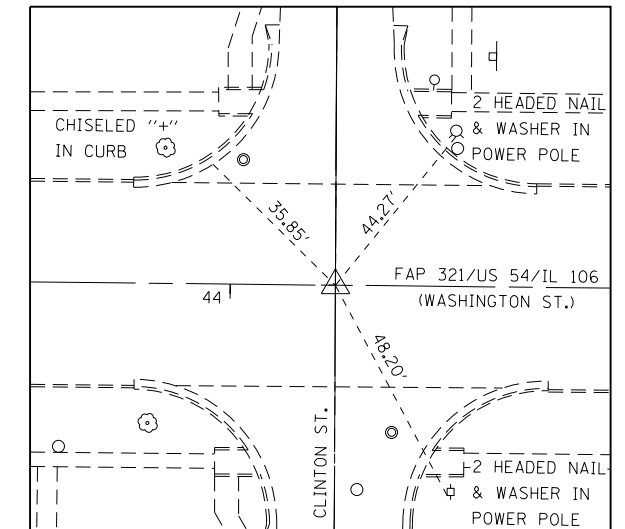
POT STA. 15+24.93
MAGNETIC NAIL IN BOTTLE CAP
(N. GROVE ST. & W. ADAMS ST.)



PC STA. 56+13.58
MAGNETIC NAIL IN BOTTLE CAP
(US 54)



POT STA. 50+71.24
MAGNETIC NAIL IN BOTTLE CAP
(IL 106/US 54)



POT STA. 43+78.07
MAGNETIC NAIL IN BOTTLE CAP
(IL 106/US 54)

LEGEND

△ TIE CONTROL POINT
⊕ "NIBC" NAIL IN BOTTOM CAP

NOTE: STATIONING FPA 321/US 54/ IL 106 - WASHINGTON ST. INCREASES EAST TO WEST

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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 = jackee
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/17/2019

DESIGNED -
DRAWN -
CHECKED -
DATE -

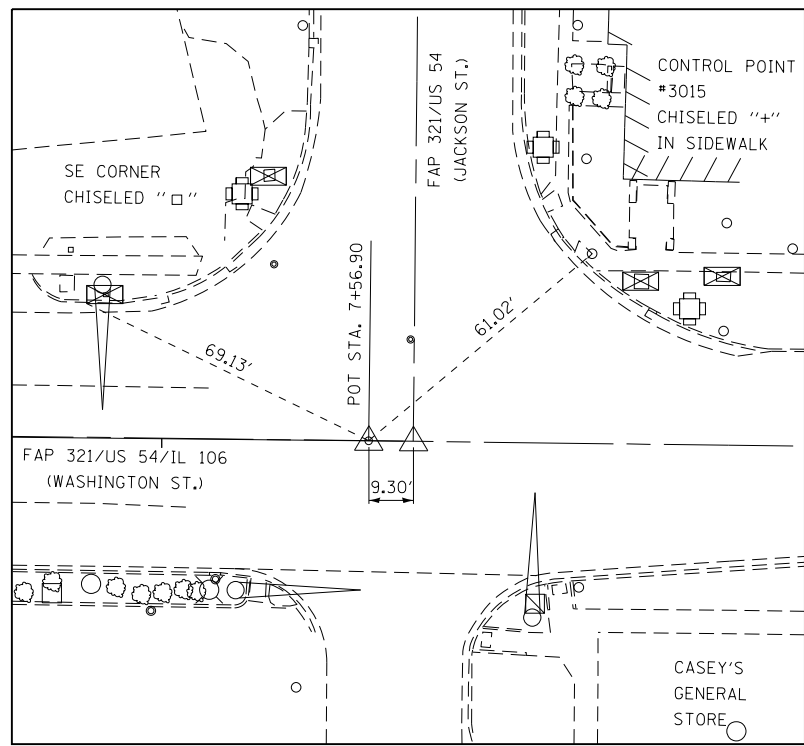
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

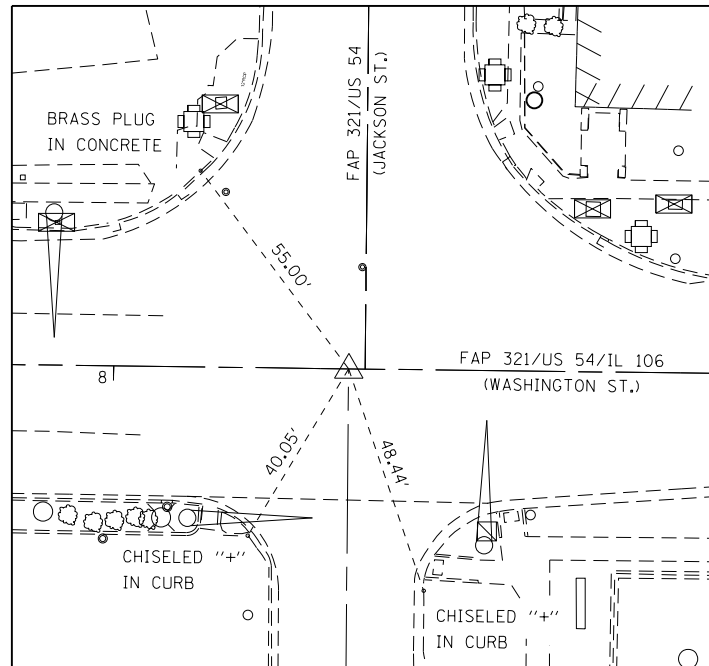
HORIZONTAL CONTROL TIES

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

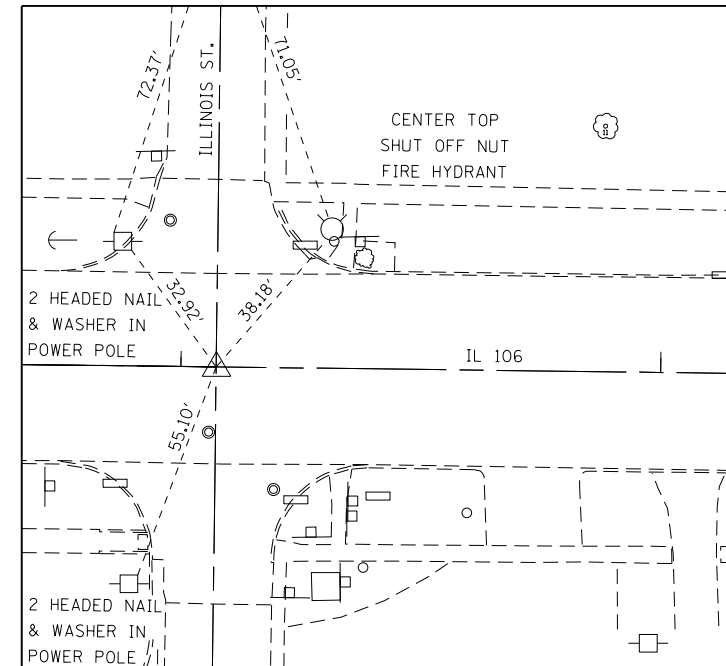
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	34
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



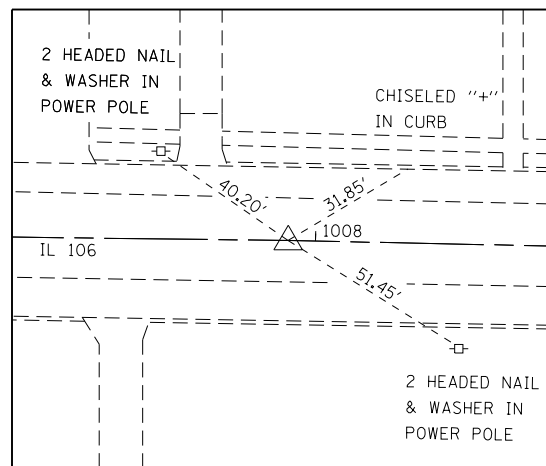
Ⓞ STATION EQUATION
 POT STA. 7+56.90 (BK) = STA. 1000+00.00 (EAST)
 MAGNETIC NAIL IN BOTTLE CAP



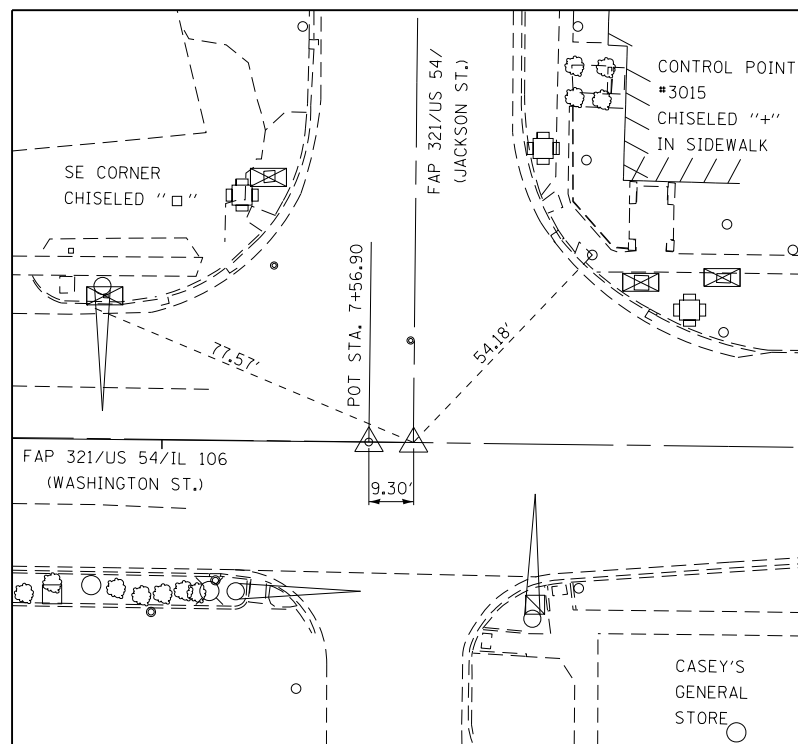
POT STA. 1000+05.85
 MAGNETIC NAIL IN BOTTLE CAP
 (WASHINGTON ST. & SOUTH JACKSON ST.)



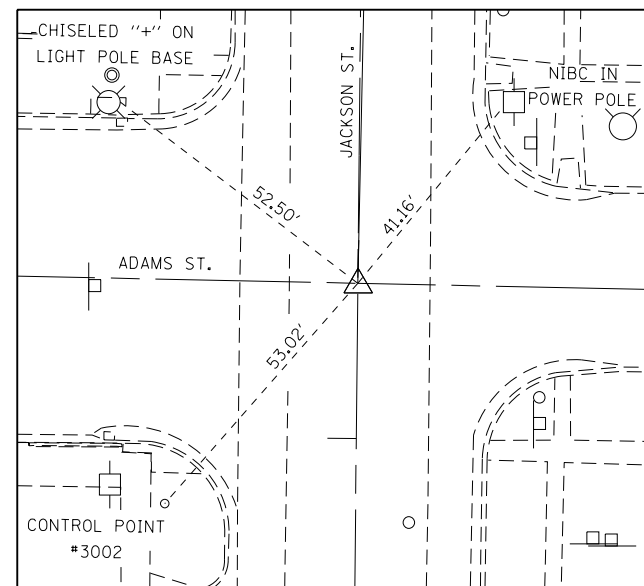
POT STA. 1004+07.36
 MAGNETIC NAIL IN BOTTLE CAP
 (IL 106 & ILLINOIS ST.)



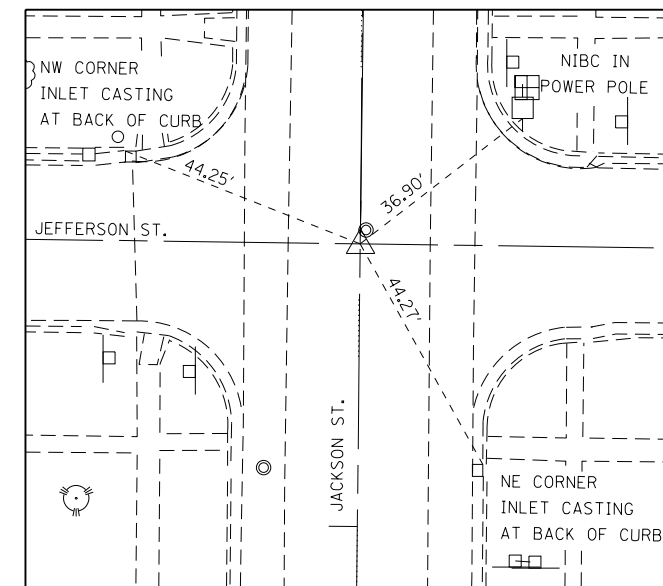
POT STATION 1007+92.82
 MAGNETIC NAIL IN BOTTLE CAP
 (IL 106)



Ⓞ STATION 0+09.10
 MAGNETIC NAIL IN BOTTLE CAP
 (JACKSON ST.)



POT STA. 4+26.95
 MAGNETIC NAIL IN BOTTLE CAP
 (JACKSON ST. & ADAMS ST.)



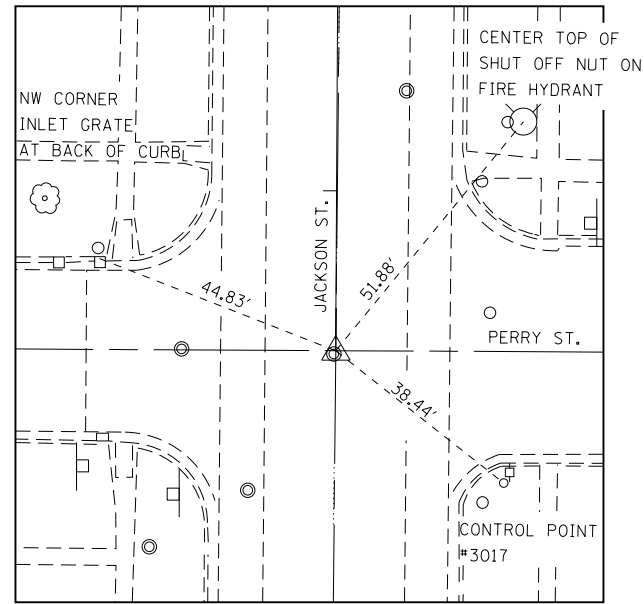
POT STA. 8+49.08
 MAGNETIC NAIL IN BOTTLE CAP
 (JACKSON ST. & JEFFERSON ST.)

LEGEND

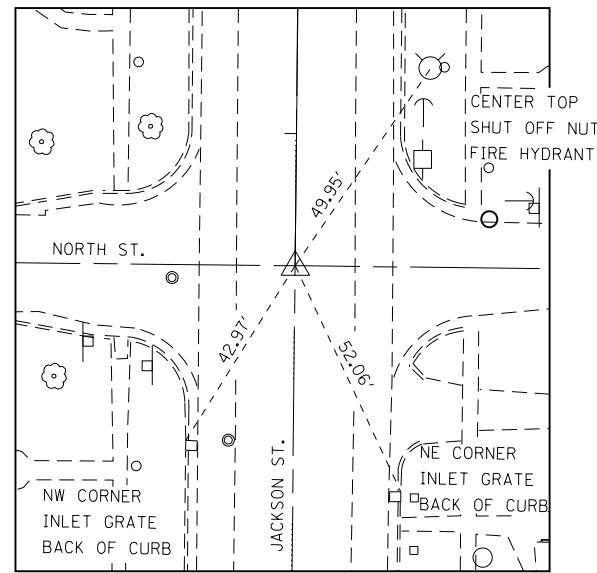
- △ Ⓞ TIE CONTROL POINT
- "NIBC" NAIL IN BOTTOM CAP

NOTE: Ⓞ STATIONING FPA 321/US 54/ IL 106 - WASHINGTON ST. INCREASES EAST TO WEST

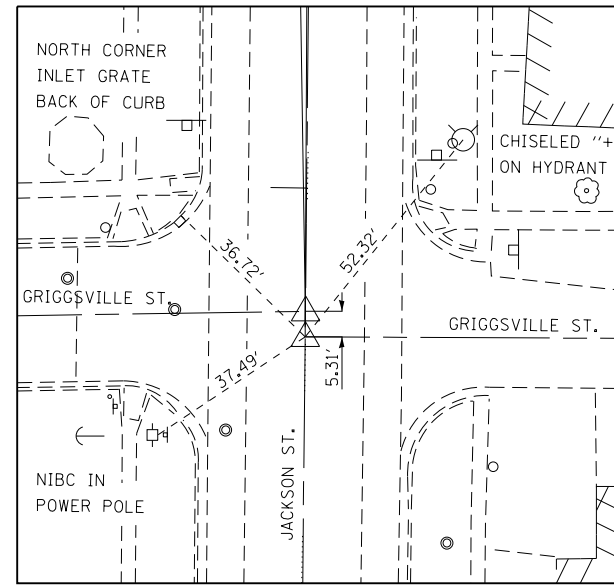
NAD 83/2007 ADJUSTED STATE PLANE COORDINATES IL WEST ZONE



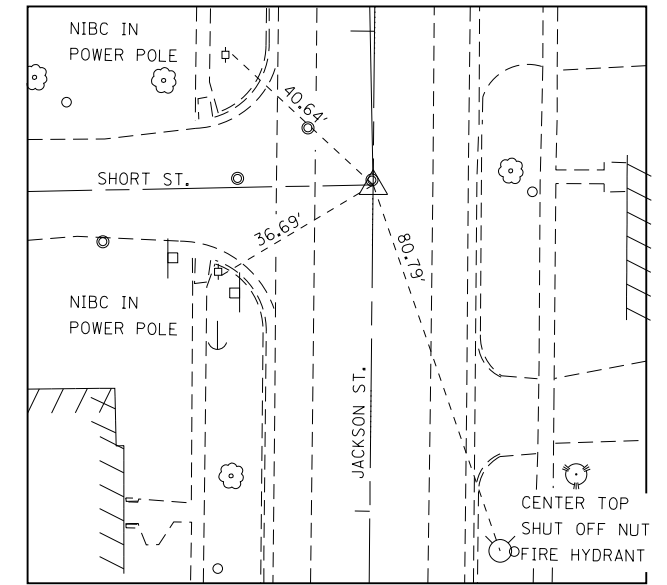
POT STA. 12+72.25
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & PERRY ST.)



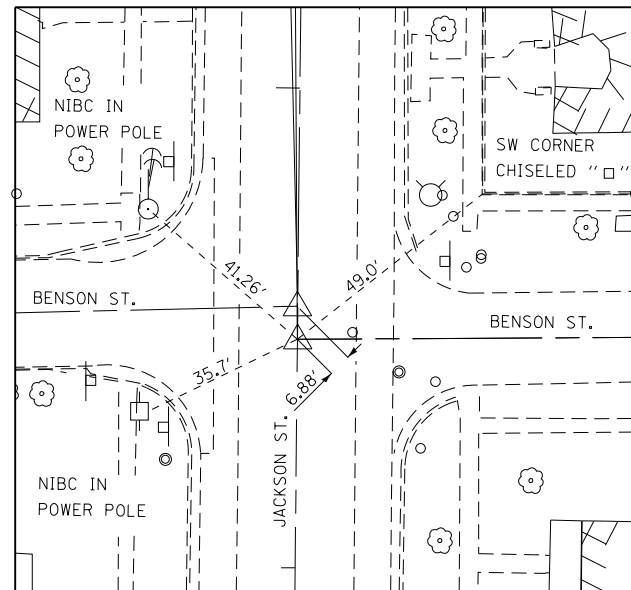
POT STA. 16+72.45
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & NORTH ST.)



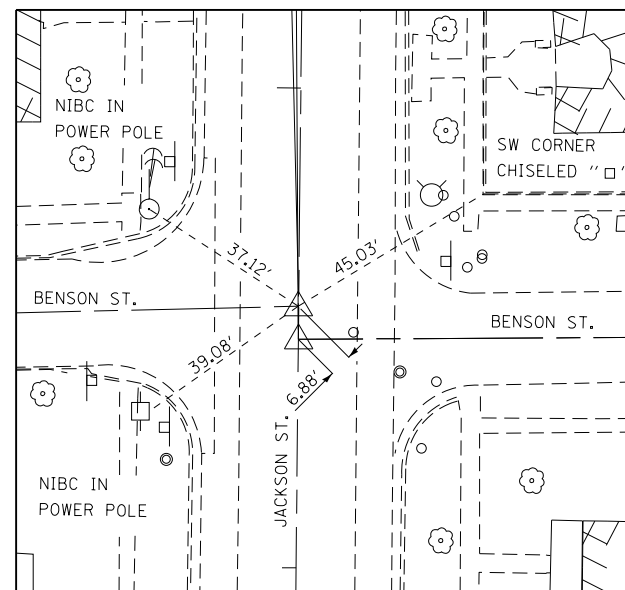
POT STA. 19+68.98
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & EAST GRIGGSVILLE ST.)



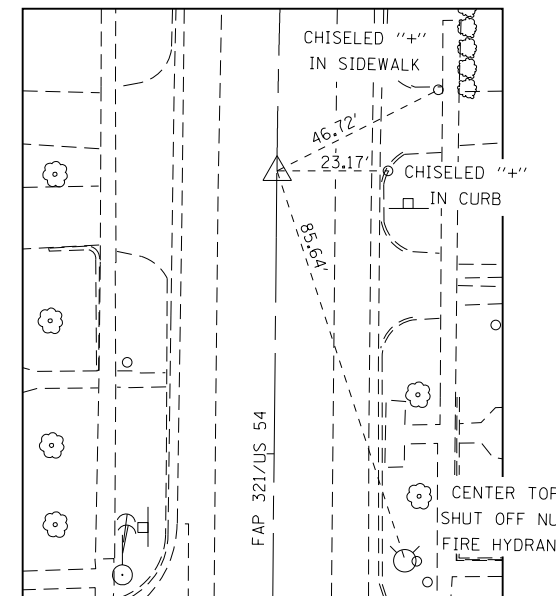
POT STA. 23+67.98
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & SHORT ST.)



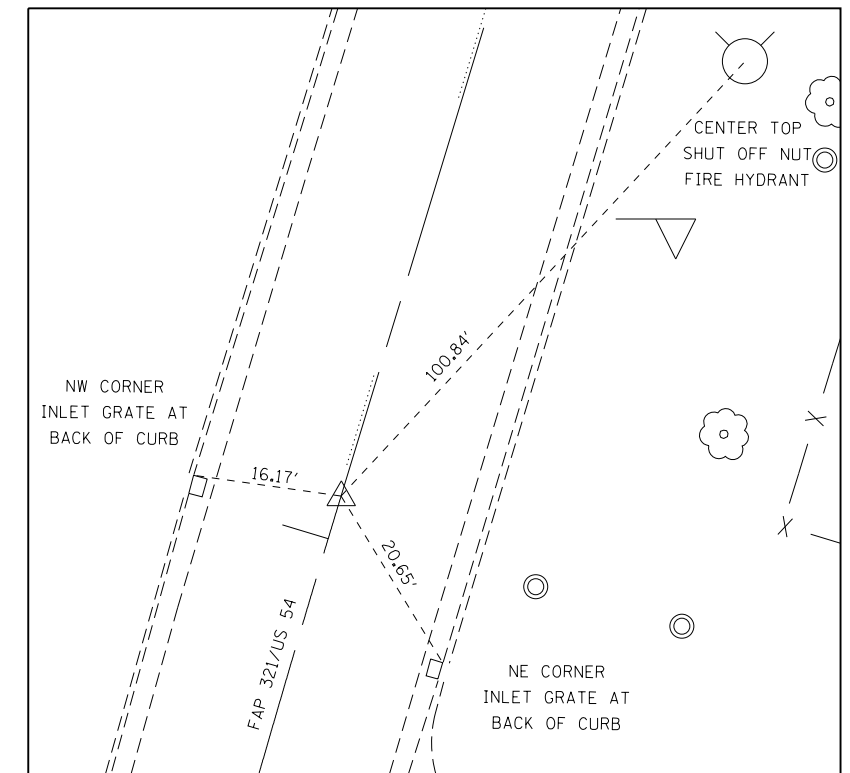
POT STA. 26+47.65
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & EAST BENSON ST.)



POT STA. 26+54.53
MAGNETIC NAIL IN BOTTLE CAP
(JACKSON ST. & WEST BENSON ST.)



PC STA. 27+58.96
MAGNETIC NAIL IN BOTTLE CAP
US 54



PT STA. 33+04.62
MAGNETIC NAIL IN BOTTLE CAP
US 54

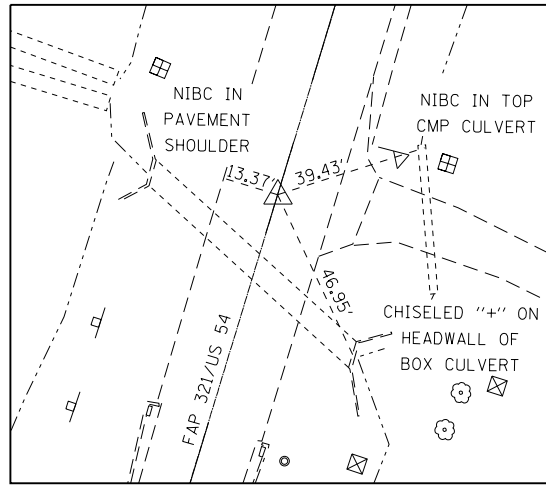
LEGEND

- △ TIE CONTROL POINT
- ⊕ "NIBC" NAIL IN BOTTOM CAP

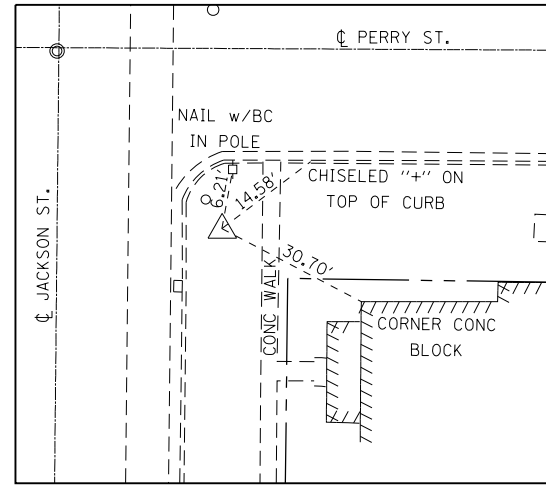
NOTE: ⊕ STATIONING FPA 321/US 54/ IL 106 - WASHINGTON ST. INCREASES EAST TO WEST

NAD 83/2007 ADJUSTED STATE PLANE COORDINATES IL WEST ZONE

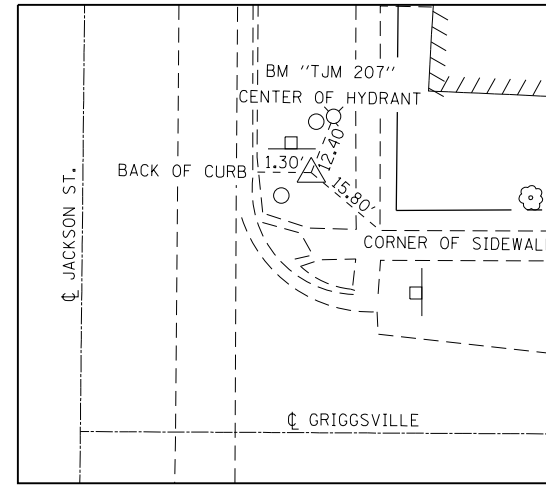
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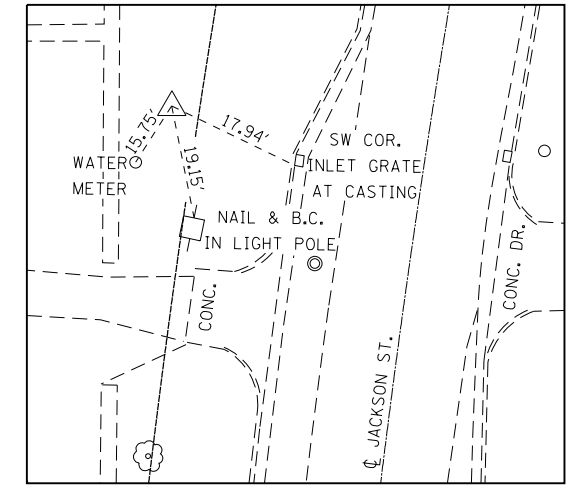
N
 ⚓
 STATION EQUATION
 STA. 42+80.00 (BK) = STA. 43+11.50 (AH)
 MAGNETIC NAIL IN BOTTLE CAP
 US 54



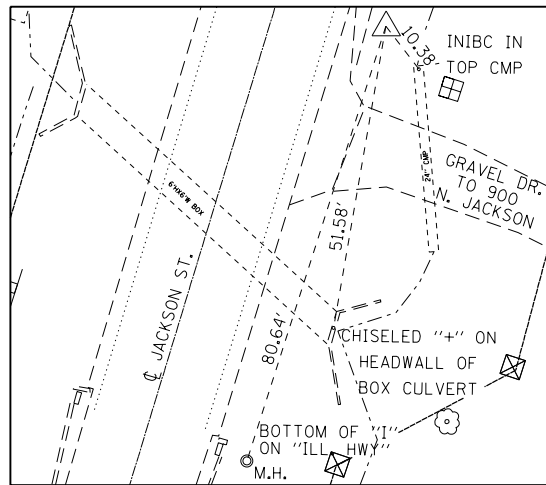
N
 ⚓
 CP# 3017
 N 1072501.914 E 2117316.028
 5/8" REBAR w/PLASTIC CAP
 SE QUAD PERRY & JACKSON



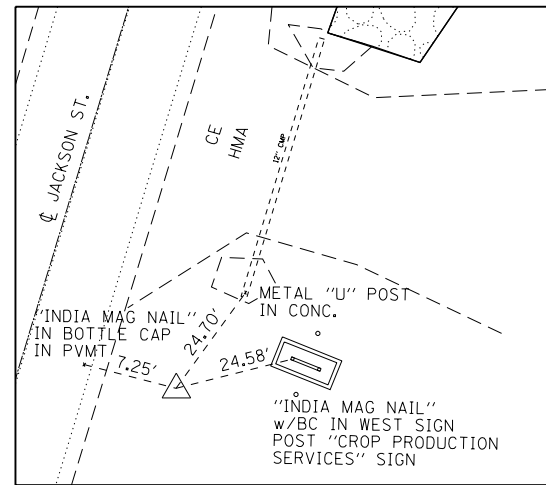
N
 ⚓
 CP# 3019
 N 1073257.833 E 2117320.223
 SET 5/8" REBAR
 NE QUAD GRIGGSVILLE & JACKSON



N
 ⚓
 CP# 3021
 N 1074290.632 E 2117288.744
 5/8" REBAR
 WEST SIDE ROAD, 25' NORTH OF CONC.
 ENTRANCE @ N.SIDE #729



N
 ⚓
 CP# 3022
 N 1075494.579 E 2117698.351
 5/8" REBAR w/PLASTIC CAP
 EAST SIDE ROAD



N
 ⚓
 CP# 3023
 N 1076510.589 E 2118004.038
 5/8" REBAR w/PLASTIC CAP
 EAST SIDE ROAD, 10' S. OF SOUTH
 EDGE ENTRANCE TO CROP
 PRODUCTION SERVICE

LEGEND

- △ ⚓ TIE CONTROL POINT
- "NIBC" NAIL IN BOTTOM CAP

NOTE: ⚓ STATIONING FPA 321/US 54/ IL 106 - WASHINGTON ST. INCREASES EAST TO WEST

NAD 83/2007 ADJUSTED STATE PLANE COORDINATES IL WEST ZONE

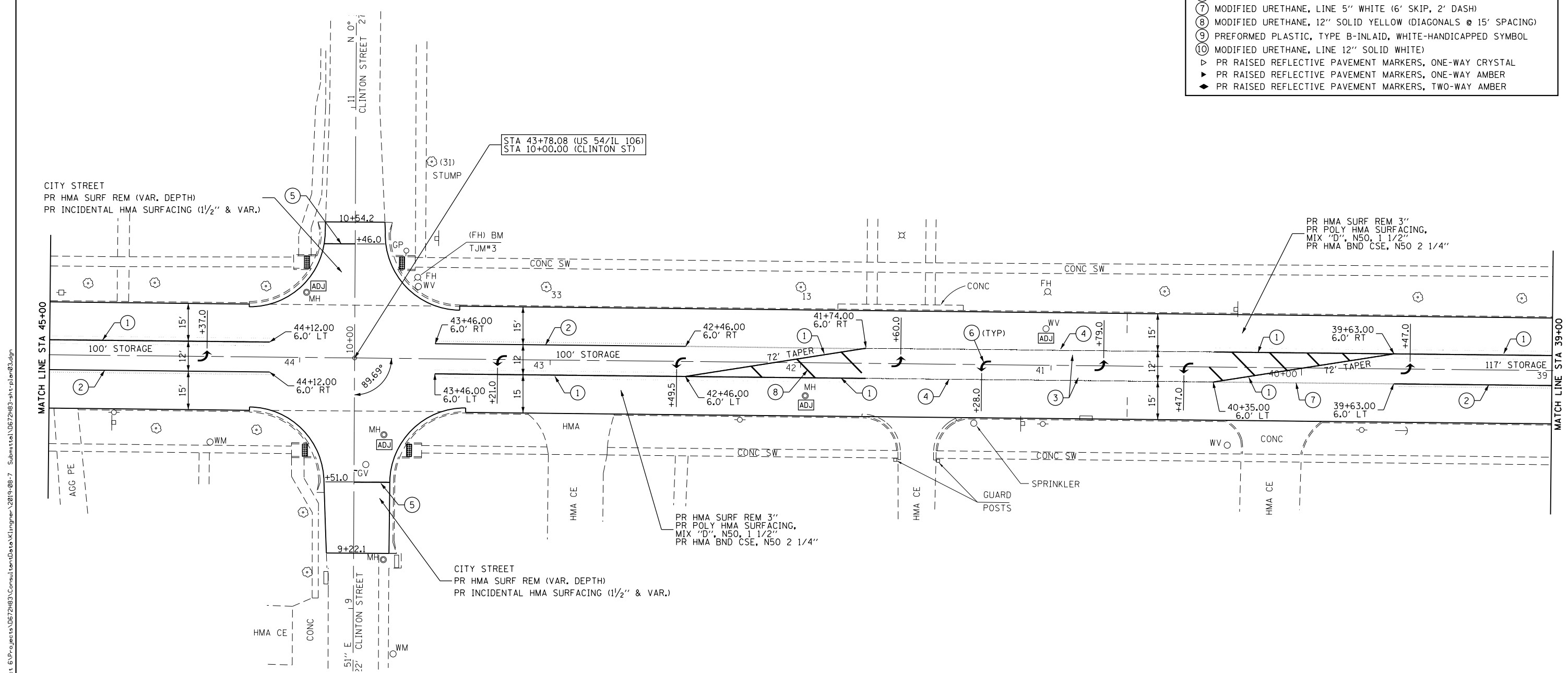
USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

HORIZONTAL CONTROL TIES	
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	38
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

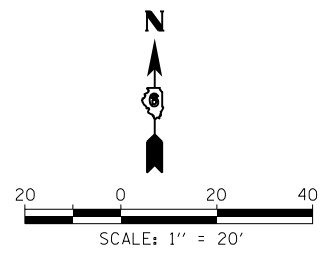
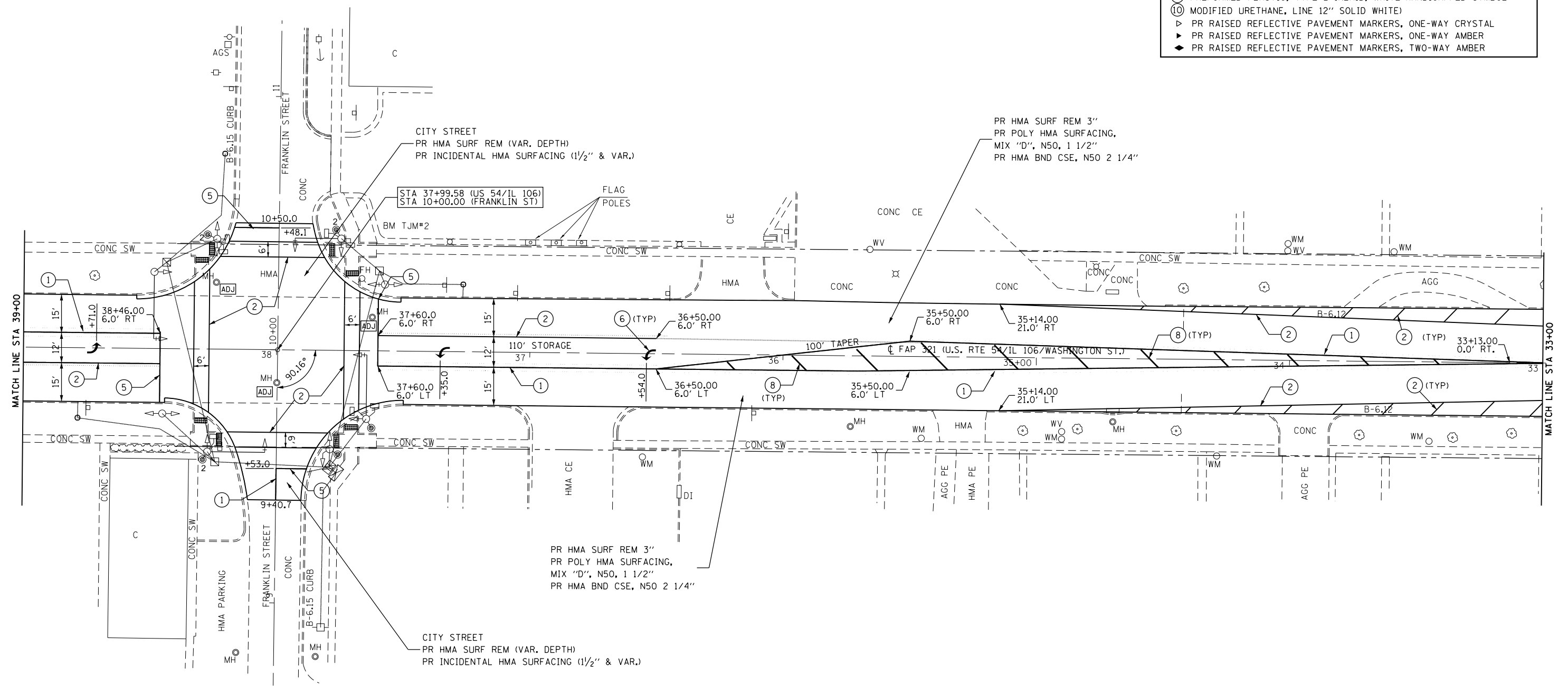
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=20' SHEET 3 OF 19 SHEETS STA. 45+00 TO STA. 39+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	41
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackca	DESIGNED -	REVISED -
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	DATE -	REVISED -

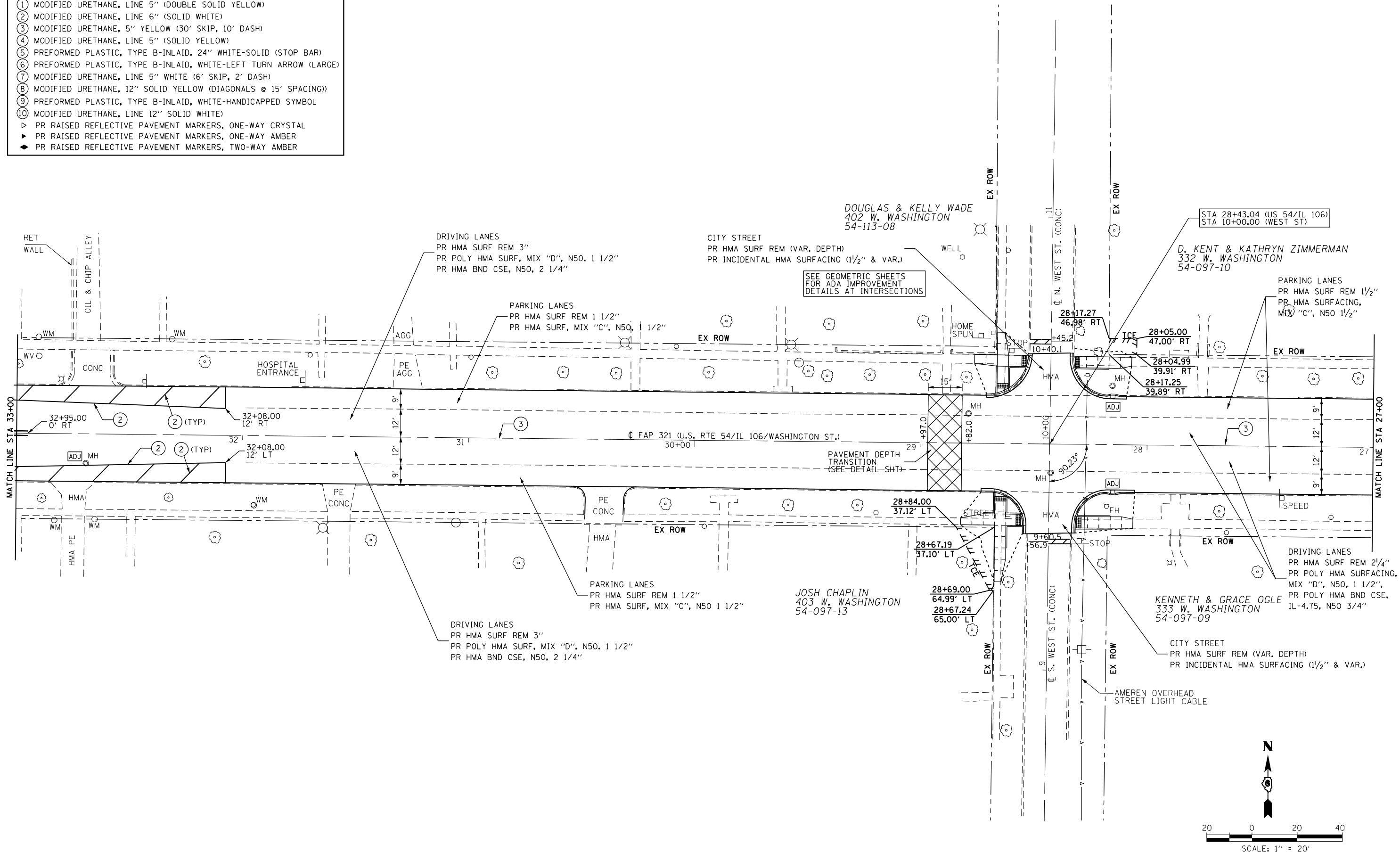
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
US 54 /IL 106 (EAST WASHINGTON ST.)
 SCALE: 1"=20' SHEET 4 OF 19 SHEETS STA. 39+00 TO STA. 33+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	42
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE
- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackca	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
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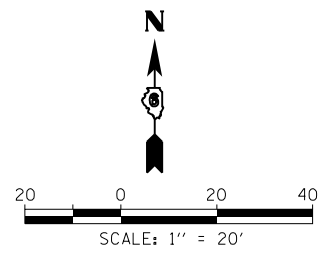
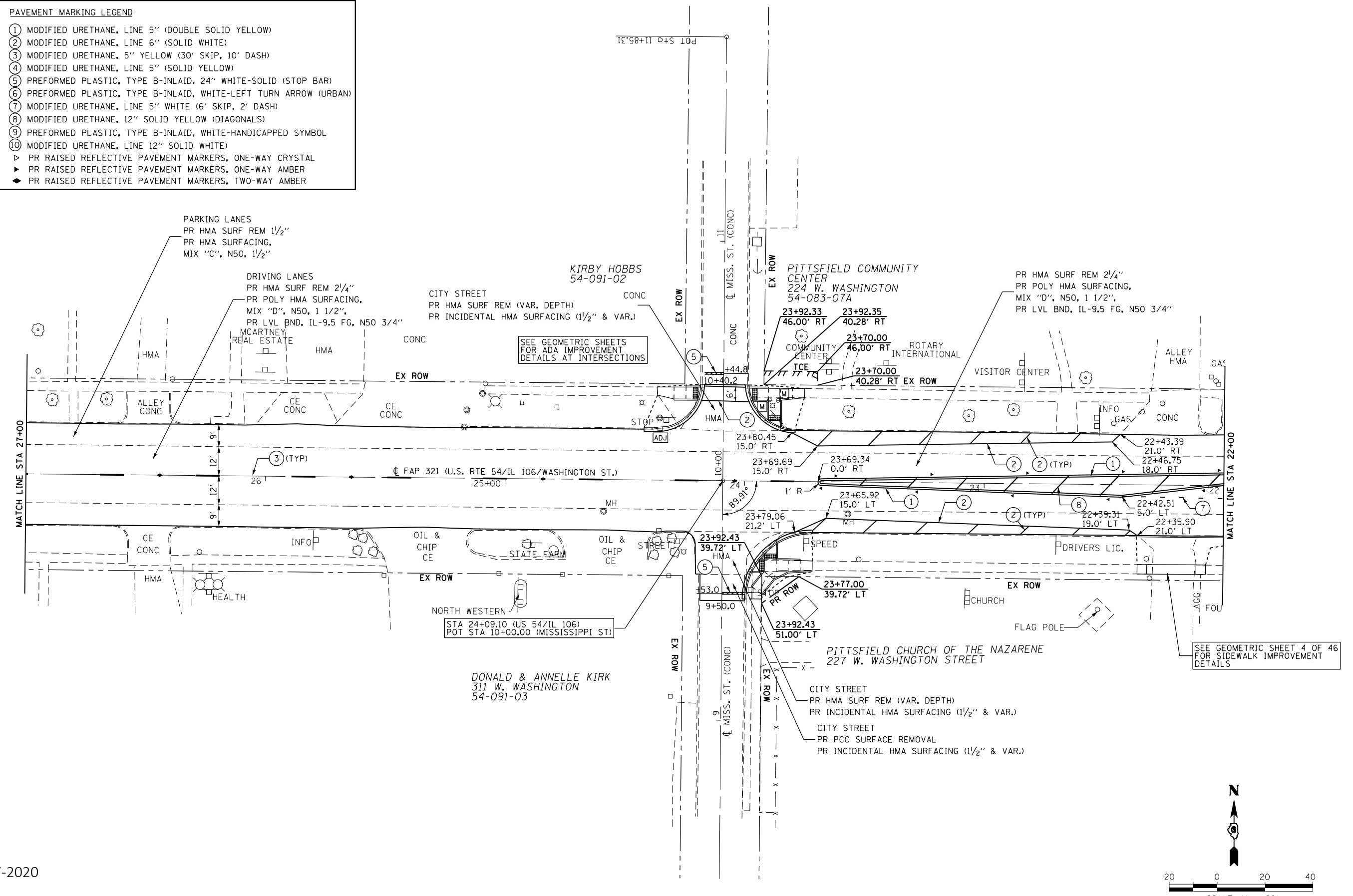
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 54 / IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=20' SHEET 5 OF 19 SHEETS STA. 33+00 TO STA. 27+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	43
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (URBAN)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER

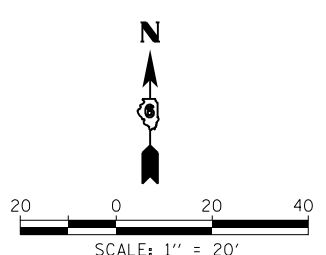
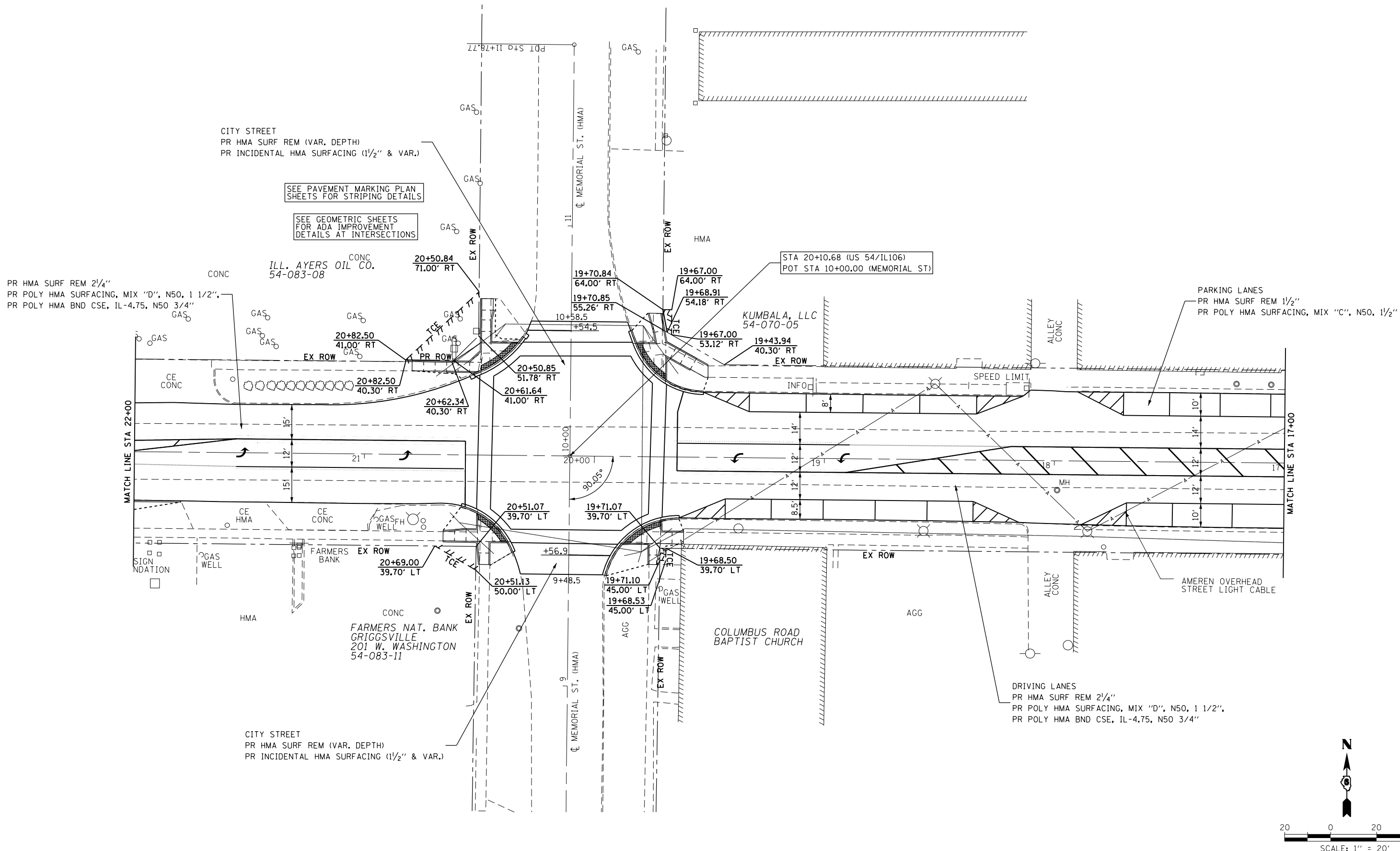


REV. 1-7-2020

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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 = cds DESIGNED - DRAWN - CHECKED - DATE -	DESIGNED - REVISIONS - CHECKED - DATE -	REVISIONS - REVISIONS - REVISIONS - REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET US 54 / IL 106 (EAST WASHINGTON ST.)	F.A.P. RTE. 321 SECTION (20,107) RS-8, ADA COUNTY PIKE TOTAL SHEETS 181 SHEET NO. 44 CONTRACT NO. 72H83	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 40.0000' / in. PLOT DATE = 12/19/2019	SCALE: 1" = 20' SHEET 6 OF 19 SHEETS STA. 27+00 TO STA. 22+00					

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

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 54 / IL 106 (EAST WASHINGTON ST.)**
 SCALE: 1"=20' SHEET 7 OF 19 SHEETS STA. 22+00 TO STA. 17+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	45
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

WHITETAIL INVESTMENT
PROPERTIES, LLC
54-069-02

PARKING LANES
PR HMA SURF REM 1 1/2"
PR HMA SURFACING, MIX "C", N50, 1 1/2"

DRIVING LANES
PR HMA SURF REM 2 1/4"
PR POLY HMA SURFACING, MIX "D", N50, 1 1/2"
PR POLY HMA BND CSE, IL-4.75, N50 3/4"

SEE GEOMETRIC SHEETS
FOR ADA IMPROVEMENT
DETAILS AT INTERSECTIONS

SEE PAVEMENT MARKING PLAN
SHEETS FOR STRIPING DETAILS

SEE SIGNAL PLAN SHEETS
FOR SIGNAL DETAILS

PR HMA SURF REM 3"
PR POLY HMA SURFACING, MIX "D", N50, 1 1/2"
PR HMA BND CSE, N50, 2 1/4"

WAYNE & KAREN PUCKETT
222 E. WASHINGTON ST.
54-069-05

PR IMPROVEMENT
(SEE 3R ENTR DETAILS)

CONC
8+63.00
50.00' RT
8+62.98
39.93' RT

8+21.00
40.01' RT
8+23.00
50.07' RT

7+88.78
76.00' RT
7+88.76
60.00' RT
7+88.72
40.07' RT

8+47.07
24' CONC CE

8+07.00
39.97' LT
8+07.00
43.00' LT

7+96.00
42.98' LT
7+91.60
48.00' LT

7+91.50
109.94' LT

7+88.49
109.93' LT

7+88.60
39.93' LT

1000+49.97
45.00' RT

1000+48.30
39.88' RT

1000+50.00
64.00' RT

1000+44.45
75.79' RT

1000+62.00
39.89' RT

1000+62.00
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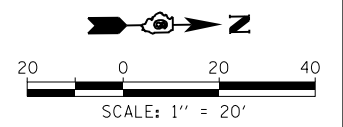
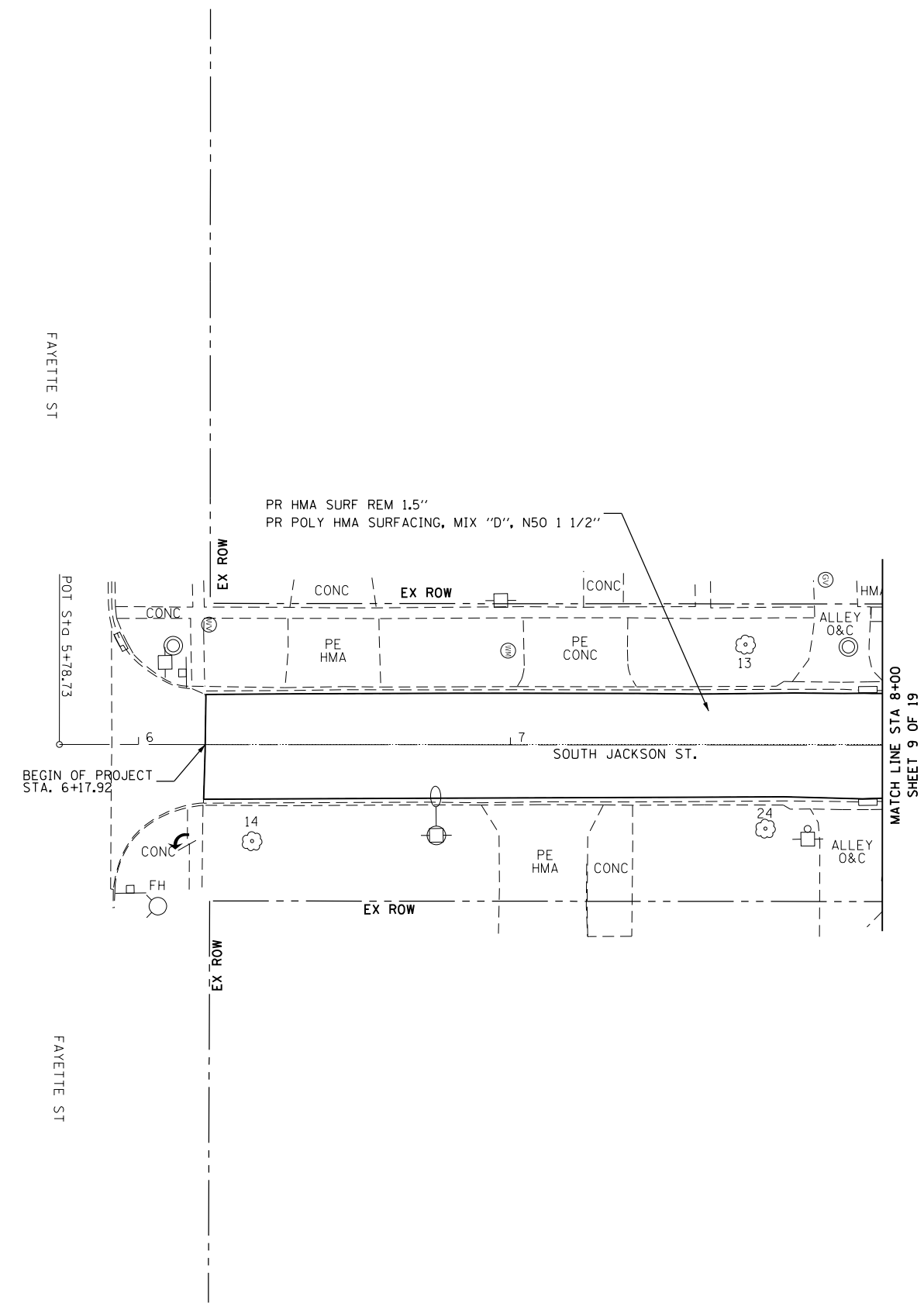
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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
SOUTH JACKSON STREET

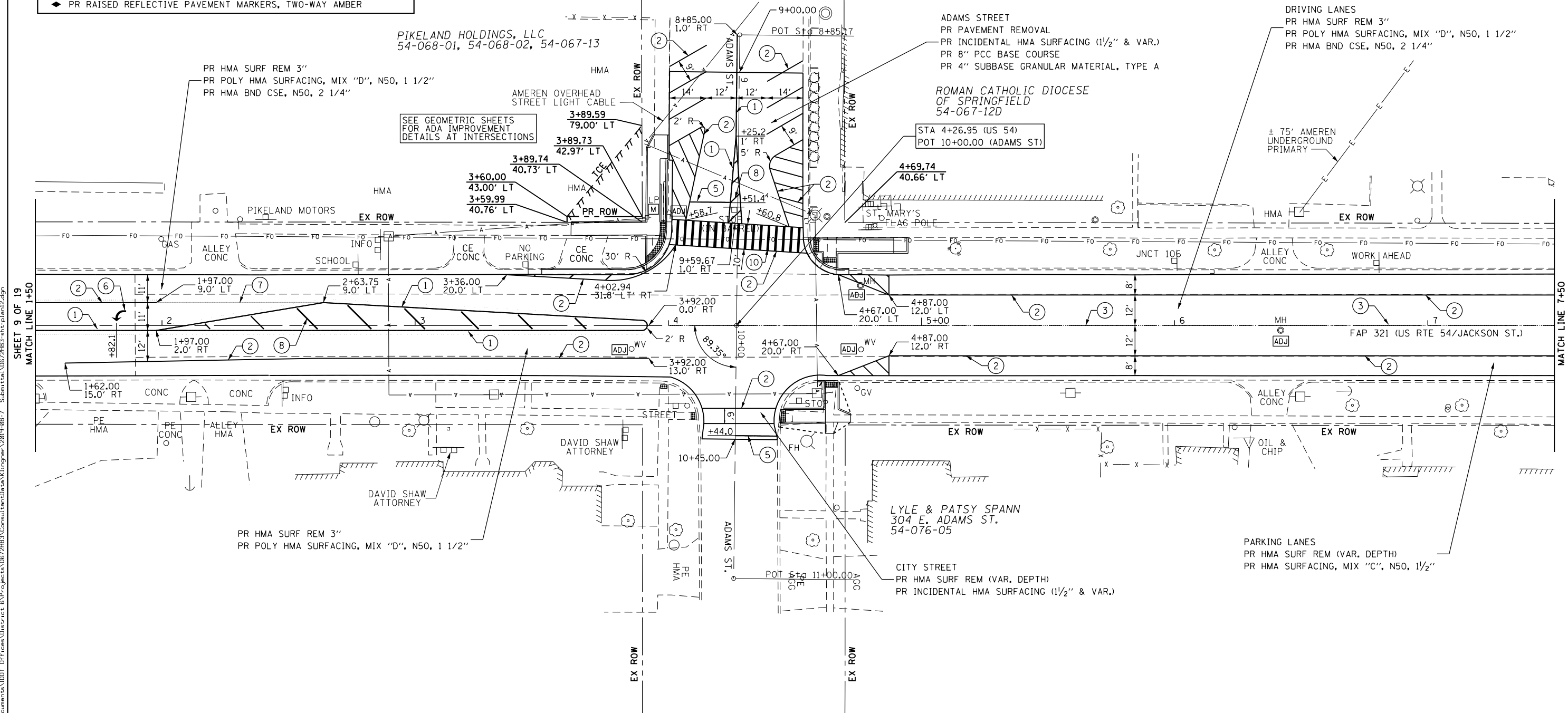
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	49
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

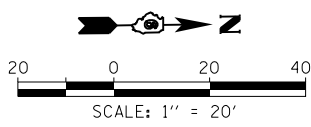
PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
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- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
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- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE

- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



SHEET 9 OF 19
MATCH LINE 1+50
MATCH LINE 7+50
Klingner & Associates, P.C.
616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738



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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

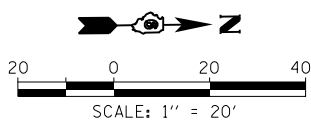
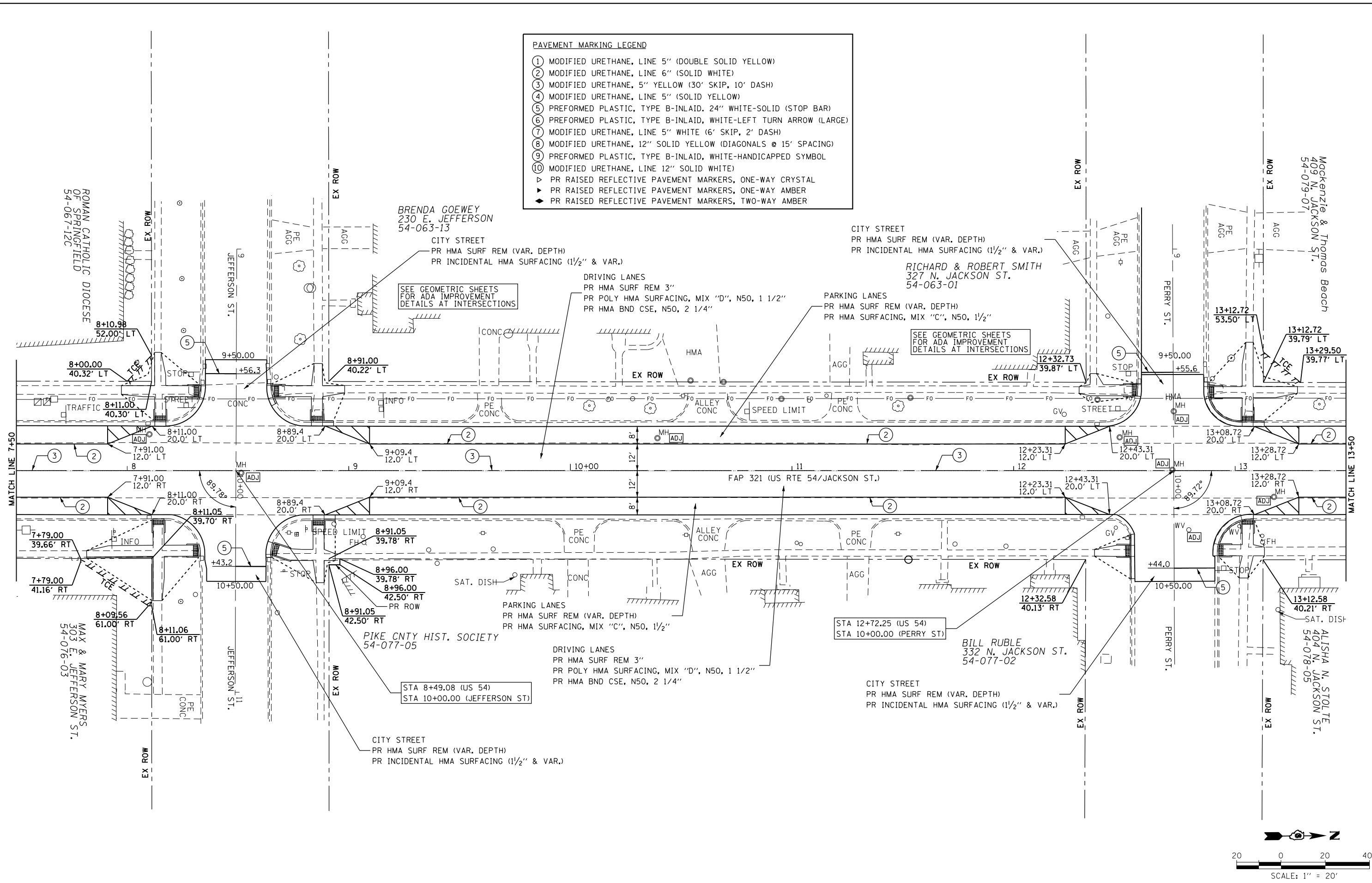
**PLAN SHEET
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=20' SHEET 12 OF 19 SHEETS STA. 1+50 TO STA. 7+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	50
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE)
- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

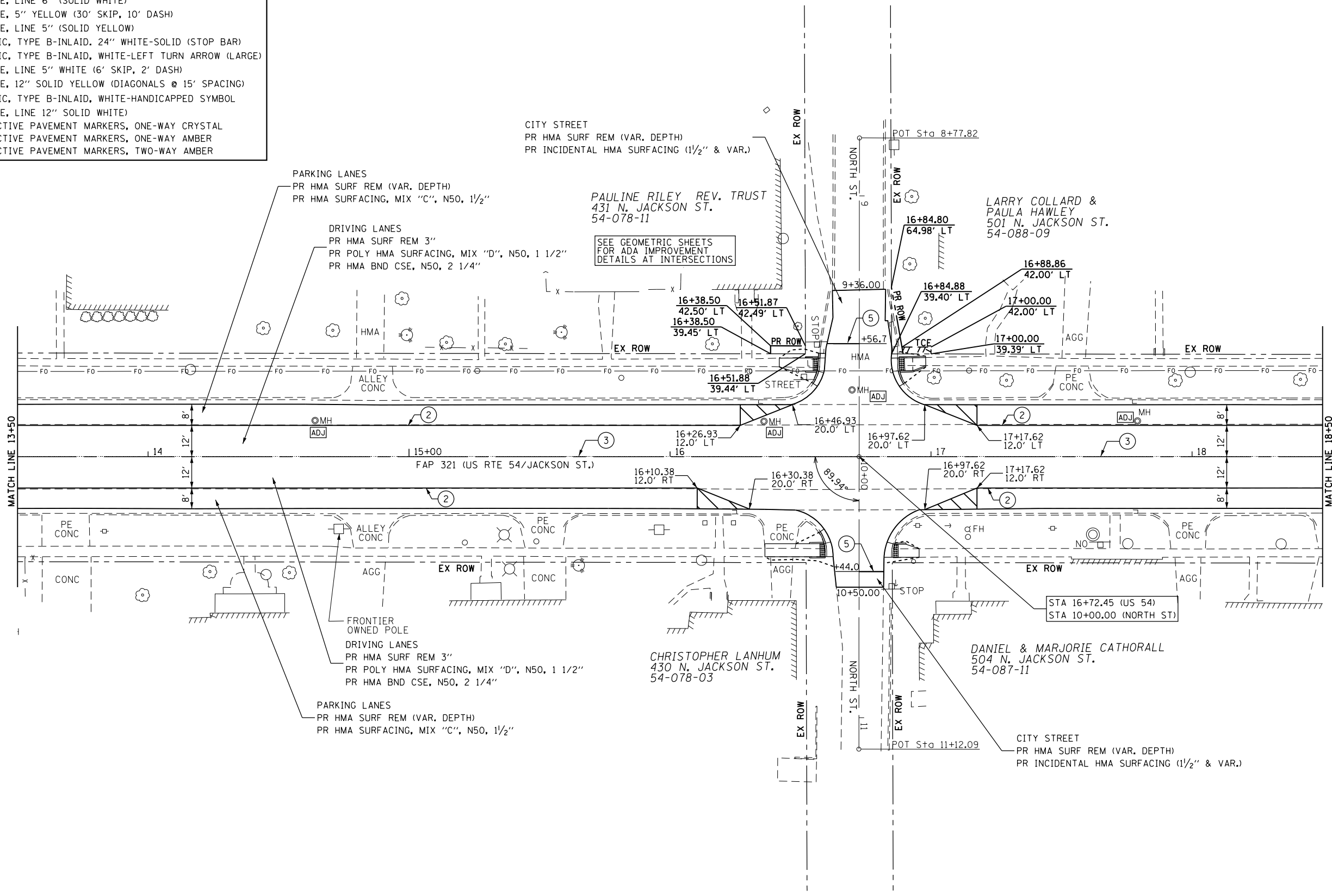
**PLAN SHEET
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=20' SHEET 13 OF 19 SHEETS STA. 7+50 TO STA. 13+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	51
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

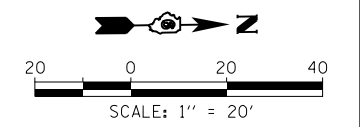
PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE
- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



MATCH LINE 13+50

MATCH LINE 18+50



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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

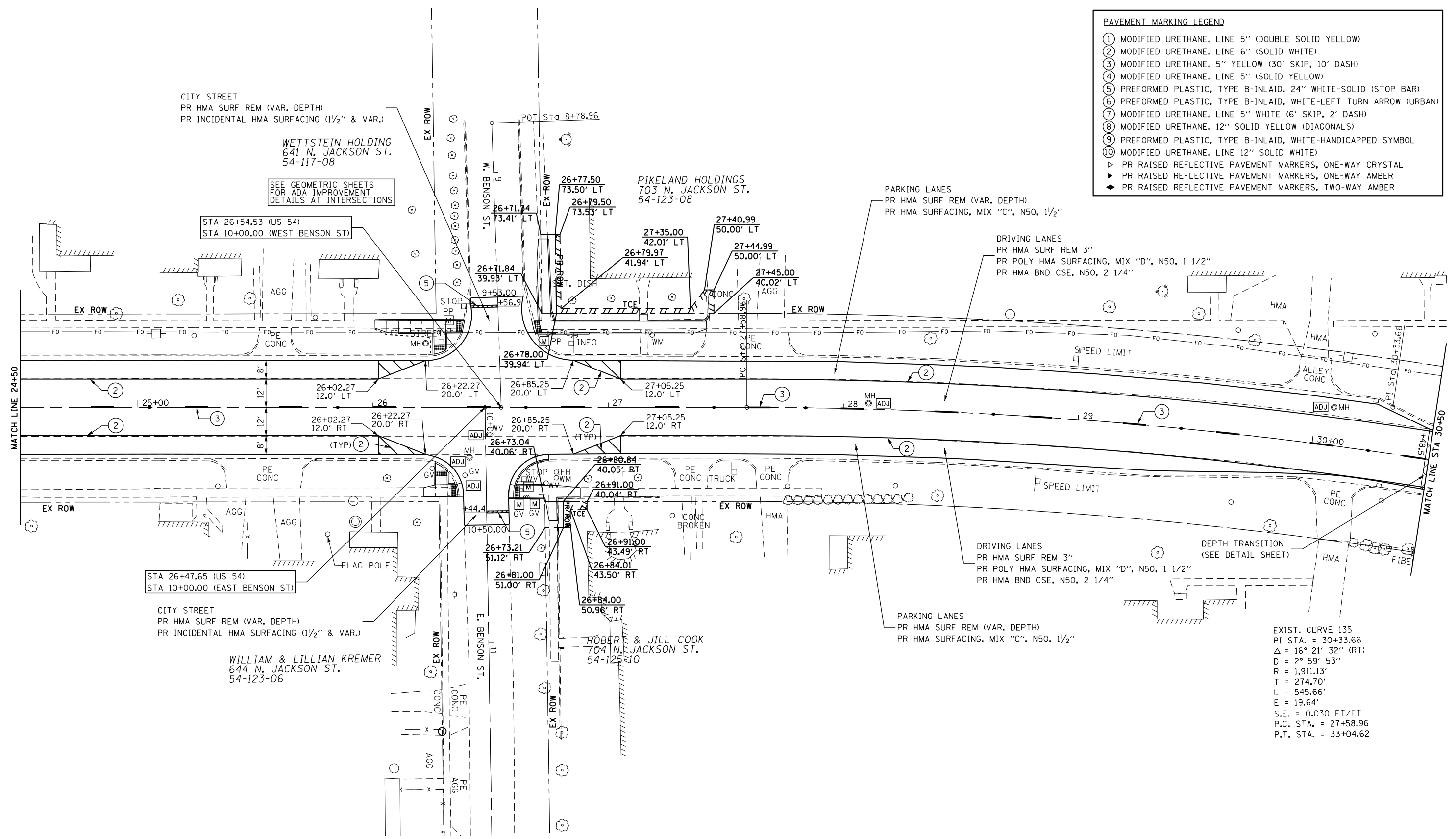
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=20' SHEET 14 OF 19 SHEETS STA. 13+50 TO STA. 18+50

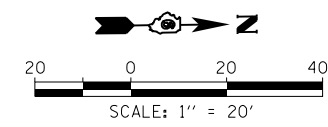
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	52
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID. 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (URBAN)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE)
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



EXIST. CURVE 135
 PI STA. = 30+33.66
 $\Delta = 16^\circ 21' 32''$ (RT)
 $R = 2^\circ 59' 53''$
 $D = 1,911.13'$
 $T = 274.70'$
 $L = 545.66'$
 $E = 19.64'$
 $S.E. = 0.030$ FT/FT
 P.C. STA. = 27+58.96
 P.T. STA. = 33+04.62

REV. 1-7-2020

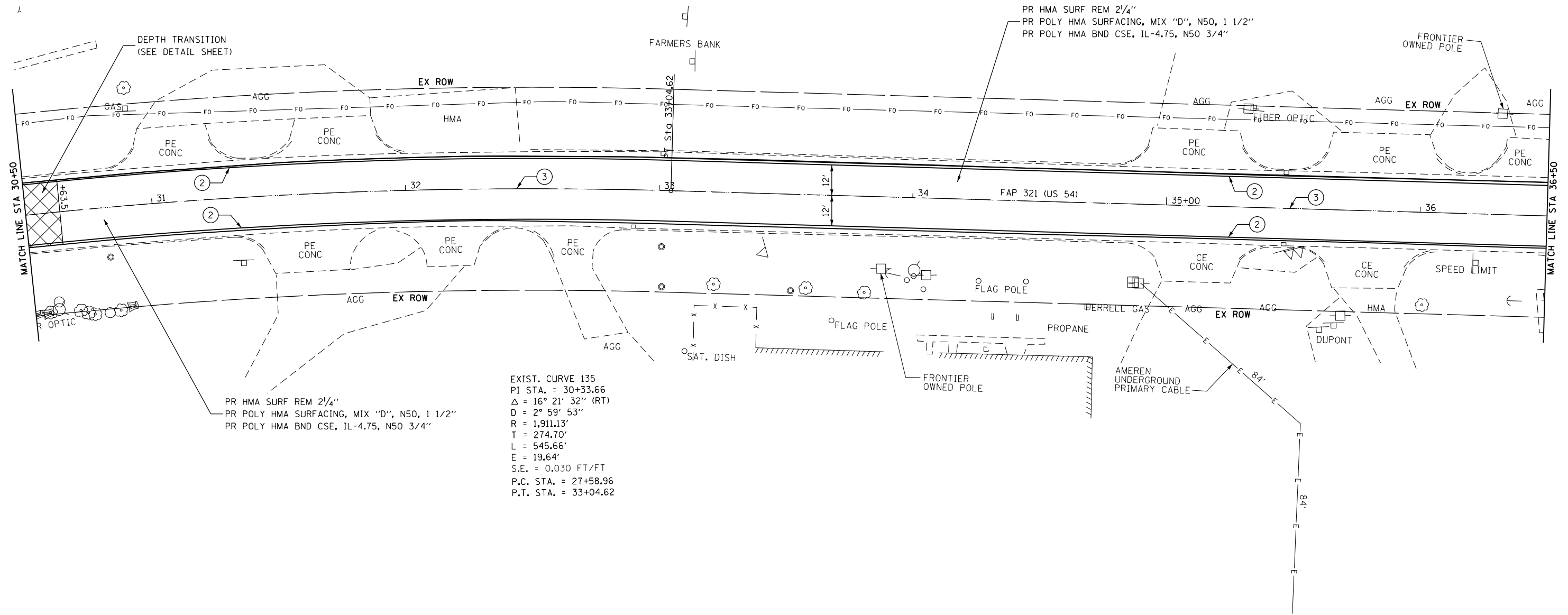


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KLINGNER & ASSOCIATES, P.C. <small>Engineers • Architects • Surveyors</small> <small>616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223-3670</small> <small>STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</small>	USER NAME = cds	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET US 54 (NORTH JACKSON ST.)	F.A.P. RTE. = 321	SECTION = (20,107) RS-8, ADA	COUNTY = PIKE	TOTAL SHEETS = 181	SHEET NO. = 54
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			SCALE: 1"=20'	SHEET 16 OF 19 SHEETS	STA. 24+50 TO STA. 30+50	CONTRACT NO. 72H83	
	PLOT DATE = 12/19/2019	DATE -	REVISED -							

PAVEMENT MARKING LEGEND

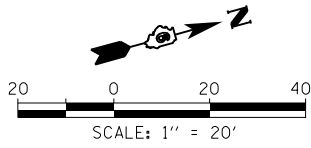
- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE
- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



EXIST. CURVE 135
 PI STA. = 30+33.66
 $\Delta = 16^\circ 21' 32''$ (RT)
 $D = 2^\circ 59' 53''$
 $R = 1,911.13'$
 $T = 274.70'$
 $L = 545.66'$
 $E = 19.64'$
 $S.E. = 0.030$ FT/FT
 P.C. STA. = 27+58.96
 P.T. STA. = 33+04.62

PR HMA SURF REM 2 1/4"
 PR POLY HMA SURFACING, MIX "D", N50, 1 1/2"
 PR POLY HMA BND CSE, IL-4.75, N50 3/4"

PR HMA SURF REM 2 1/4"
 PR POLY HMA SURFACING, MIX "D", N50, 1 1/2"
 PR POLY HMA BND CSE, IL-4.75, N50 3/4"



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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

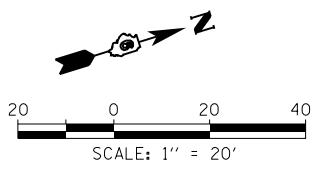
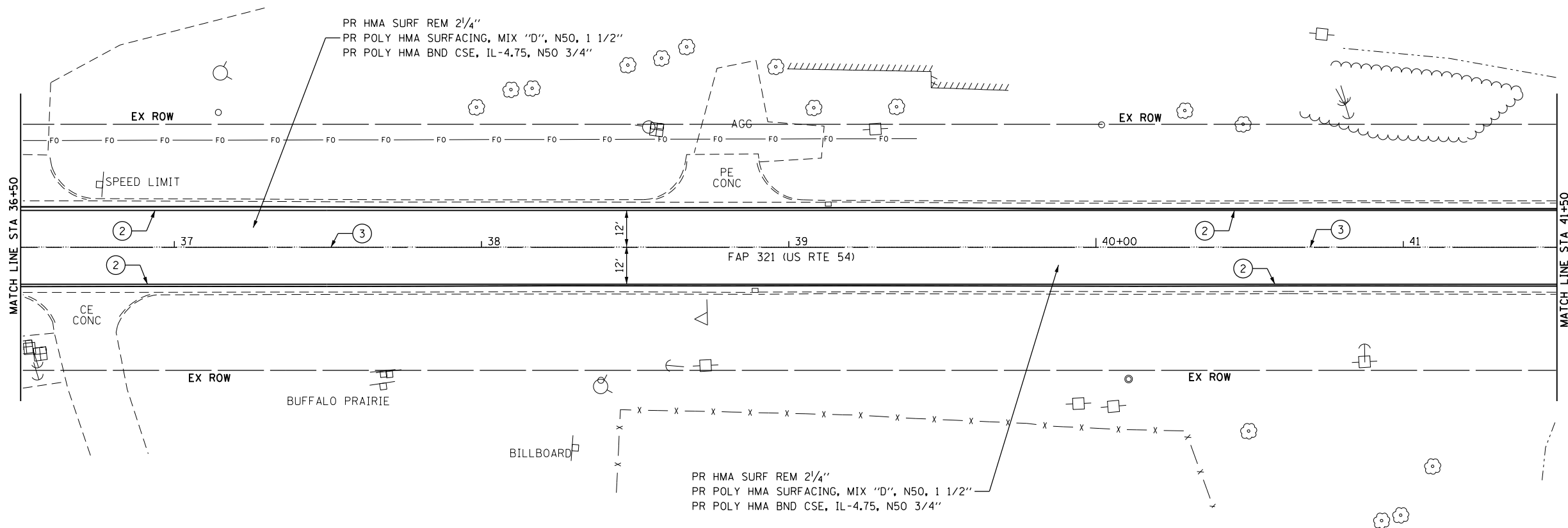
PLAN SHEET	
US 54 / IL 107 (NORTH JACKSON ST.)	
SCALE: 1"=20'	SHEET 17 OF 19 SHEETS STA. 30+50 TO STA. 36+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	55
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
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- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
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- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS @ 15' SPACING)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE

- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

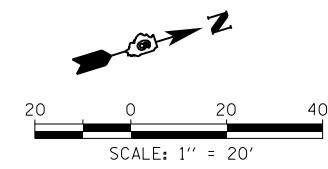
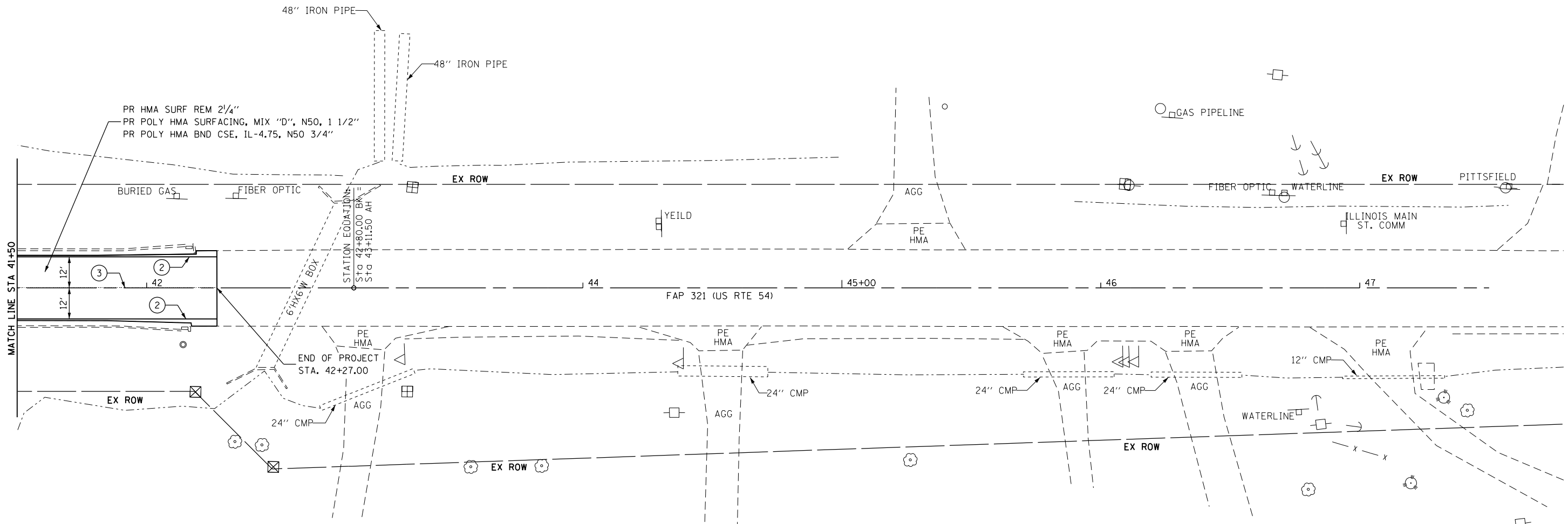
**PLAN SHEET
 US 54 (NORTH JACKSON ST.)**

SCALE: 1"=20' SHEET 18 OF 19 SHEETS STA. 36+50 TO STA. 41+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	56
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
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- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE
- ▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
- ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
- ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER



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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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 US 54 (NORTH JACKSON ST.)**

SCALE: 1"=20' SHEET 19 OF 19 SHEETS STA. 41+50 TO STA. 47+50

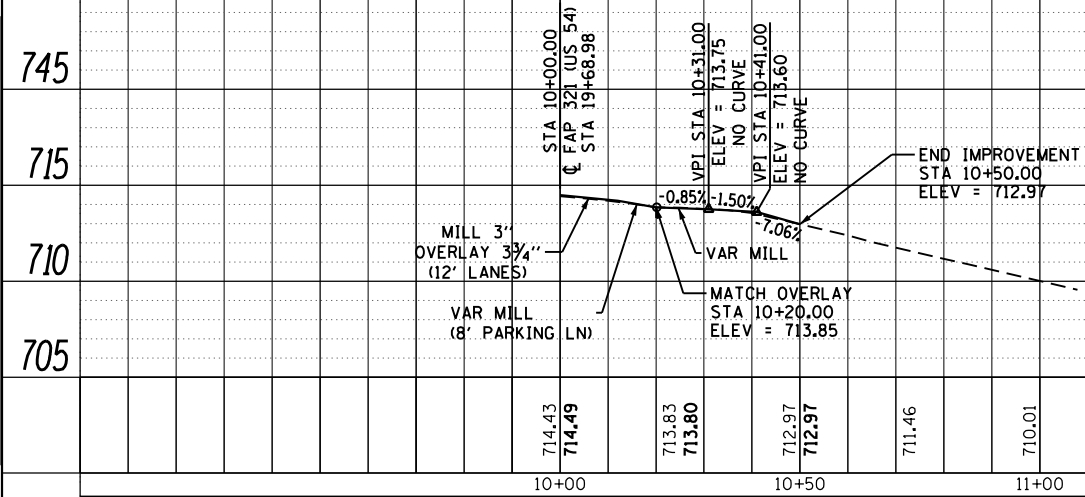
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	57
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
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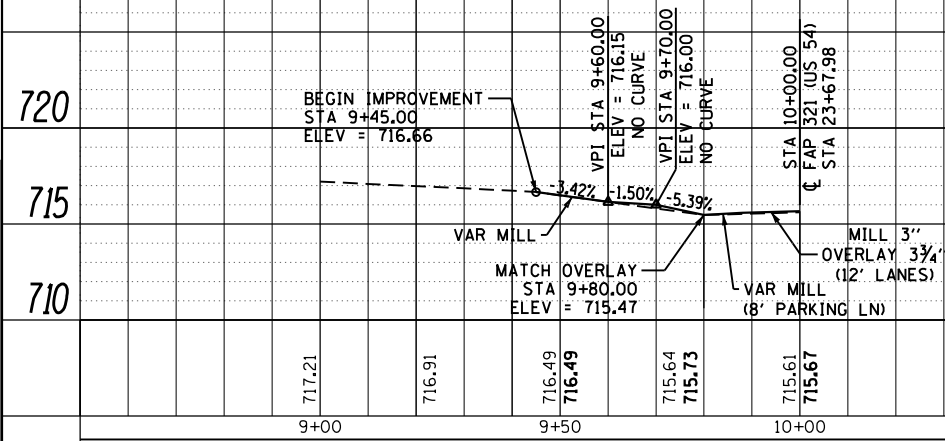
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NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTED	
	FILE NAME	

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EAST GRIGGSVILLE STREET PROFILE



SHORT STREET PROFILE



KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST., QUINCY, ILLINOIS 62301 217.223.2670
 STATE OF ILLINOIS DESIGN FIRM NO. 154-2738

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

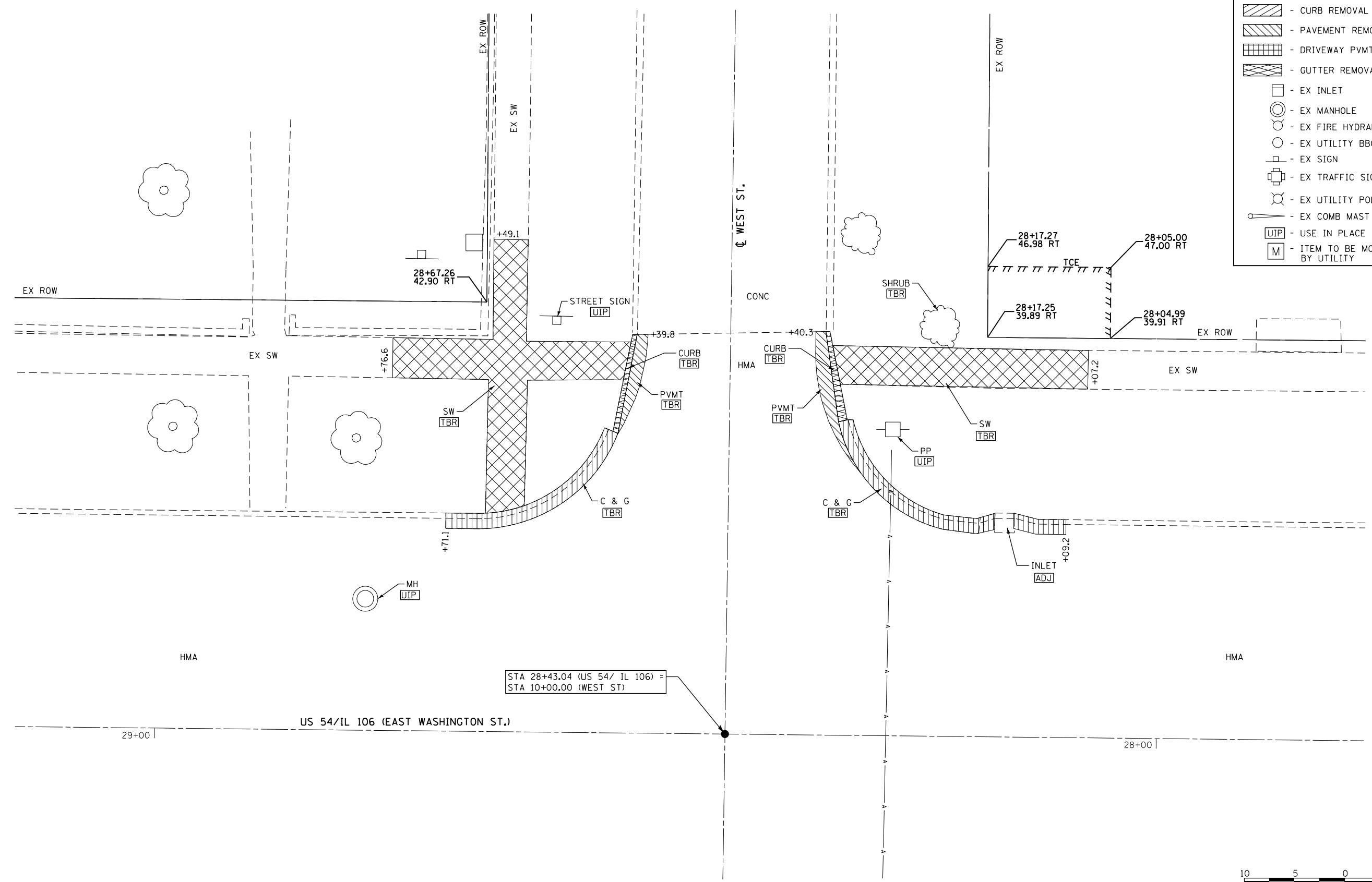
**PROFILE SHEET
CITY STREETS**

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

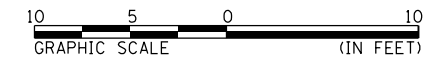
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	59
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



STA 28+43.04 (US 54/ IL 106) =
STA 10+00.00 (WEST ST)



KLINGNER & ASSOCIATES, P.C.
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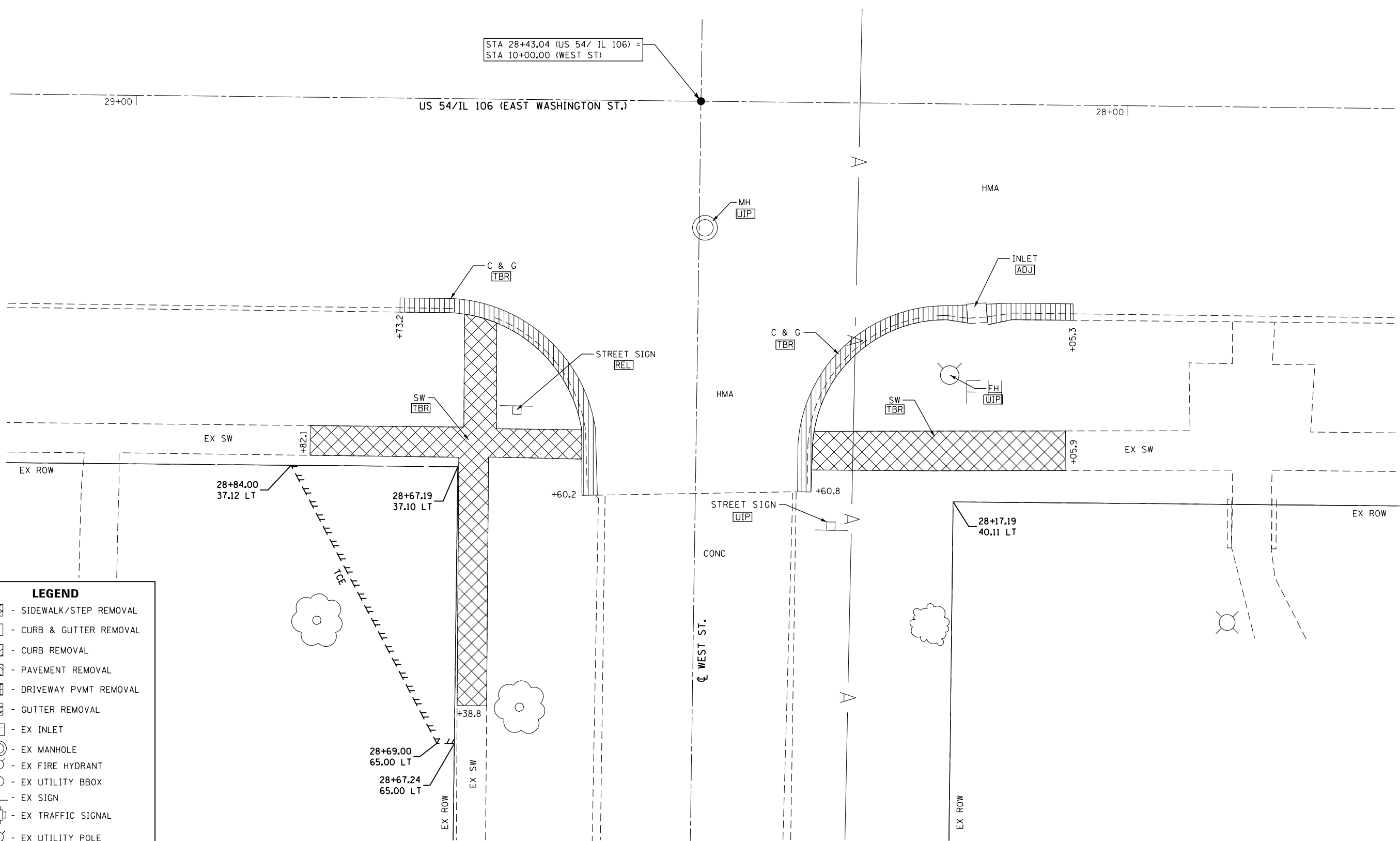
USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
WEST STREET /NW & NE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)**
SCALE: 1"=5' SHEET 1 OF 24 SHEETS STA. 27+80 TO STA. 29+13

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	60
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY

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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

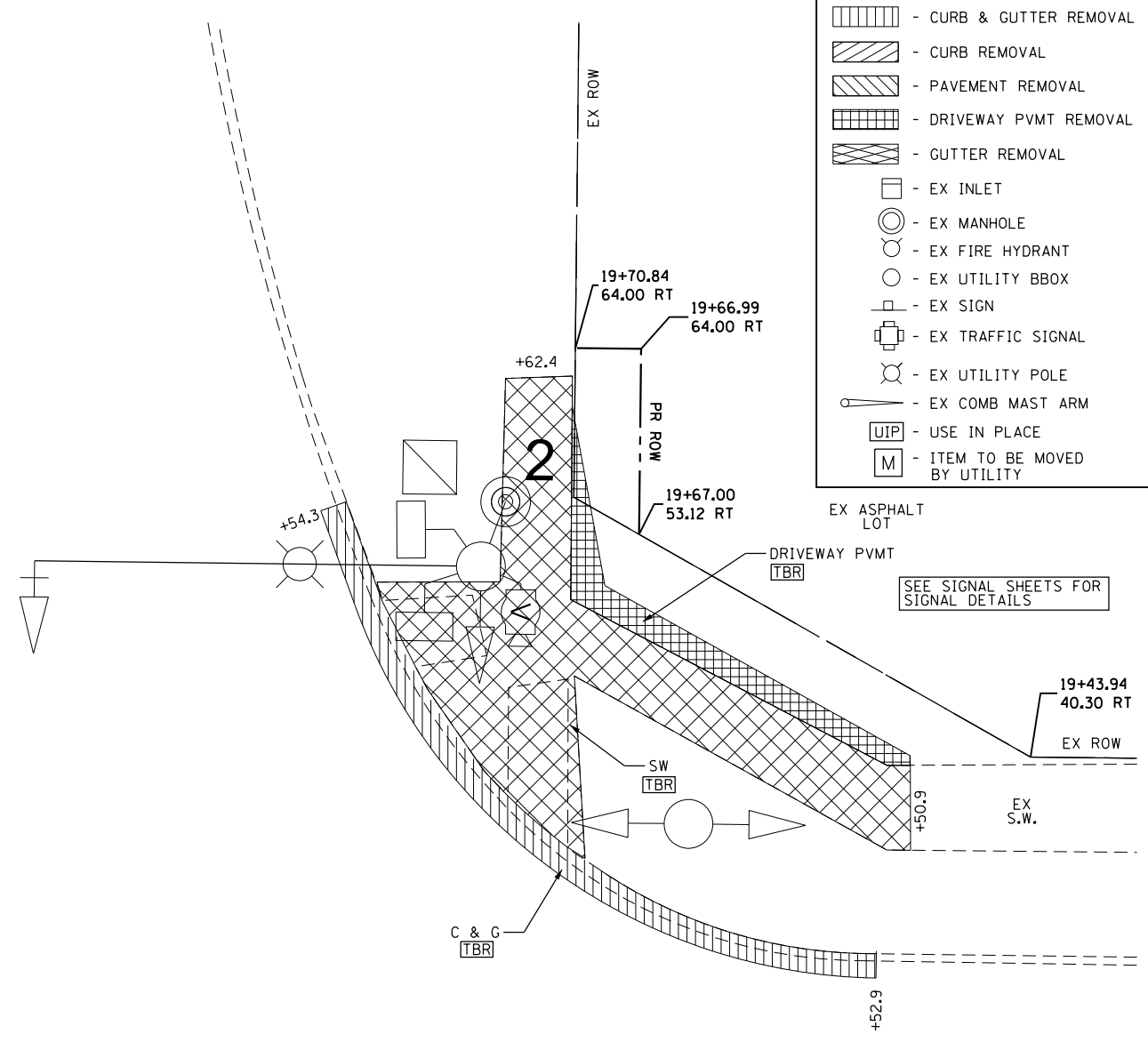
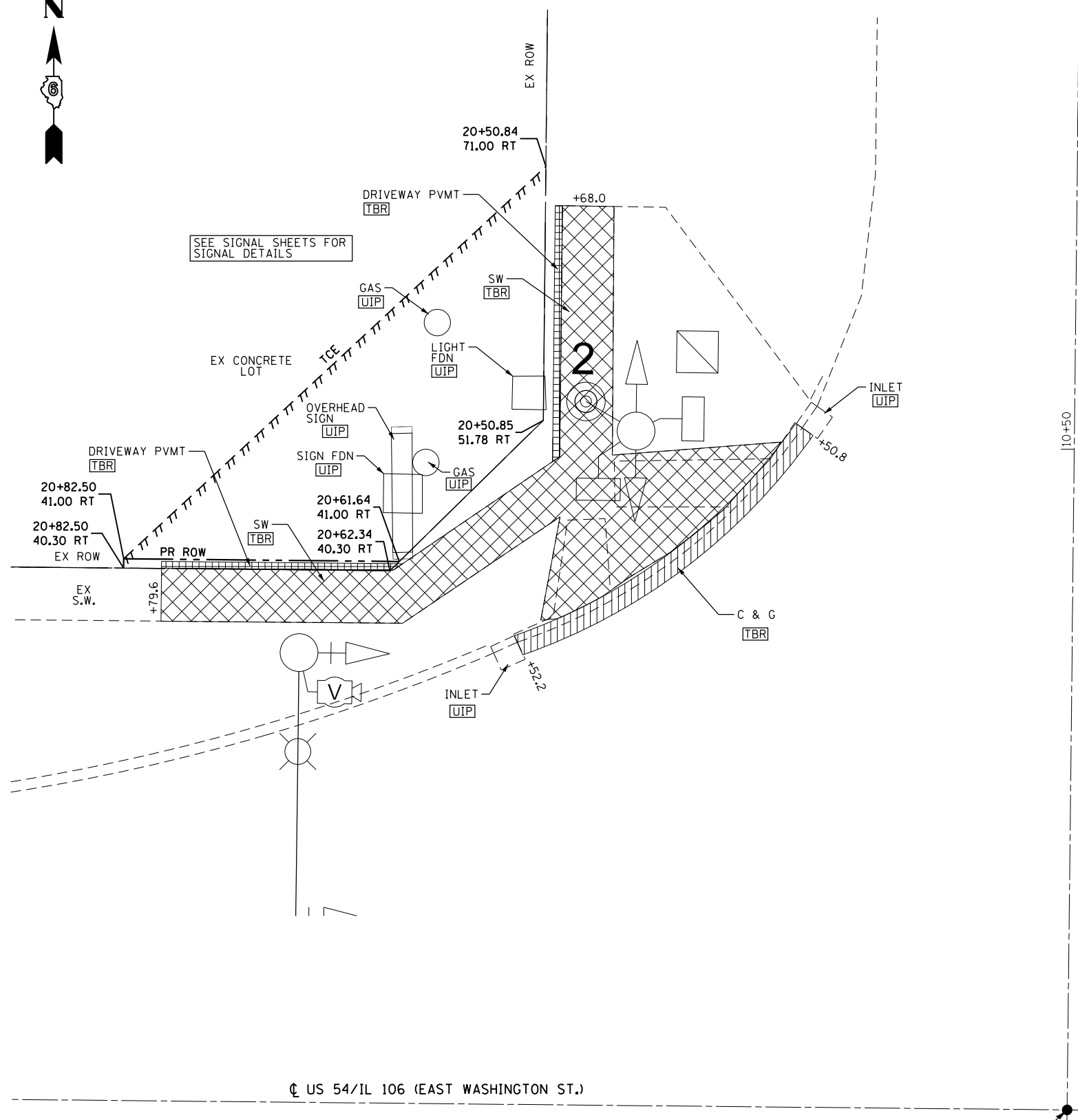
REMOVAL PLAN SHEET
WEST STREET SW & SE QUADRANTS
US 54 / IL 106 (EAST WASHINGTON ST)

SCALE: 1"=5' SHEET 2 OF 24 SHEETS STA. 27+74 TO STA. 29+12

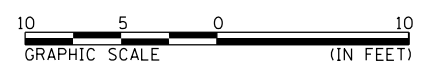
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	61
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



STA 20+10.68 (US 54/ IL 106) =
STA 10+00.00 (MEMORIAL ST)



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

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
MEMORIAL STREET NW & NE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)**

SCALE: 1"=5' SHEET 4 OF 24 SHEETS STA. 19+39 TO STA. 20+90

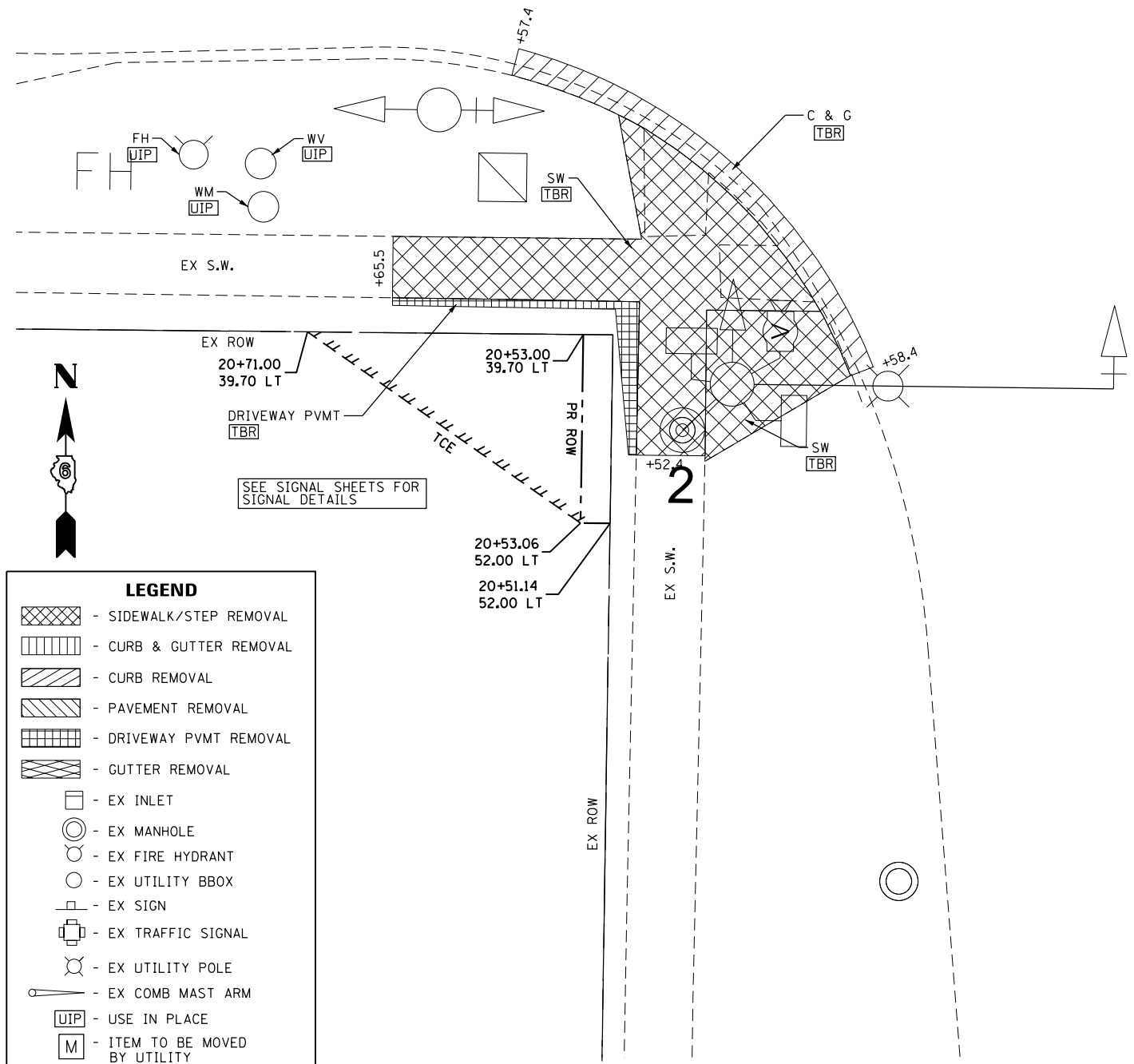
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	63
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

US 54/IL 106 (EAST WASHINGTON ST.)

STA 20+10.68 (US 54/ IL 106) =
STA 10+00.00 (MEMORIAL ST)

20+00

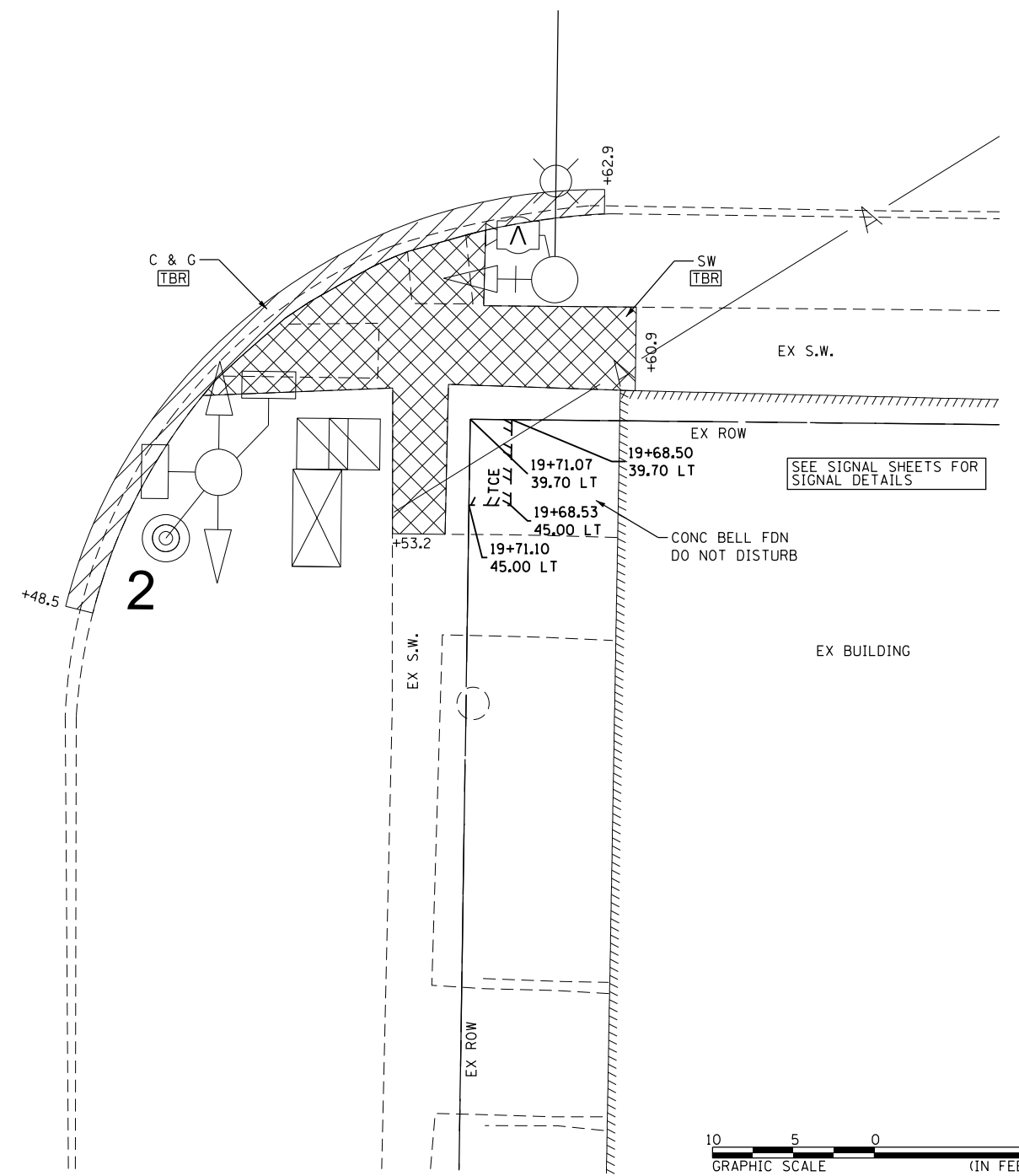
HMA



9+50

HMA

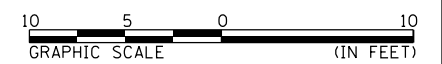
MEMORIAL ST.



SEE SIGNAL SHEETS FOR
SIGNAL DETAILS

CONC BELL FDN
DO NOT DISTURB

EX BUILDING



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

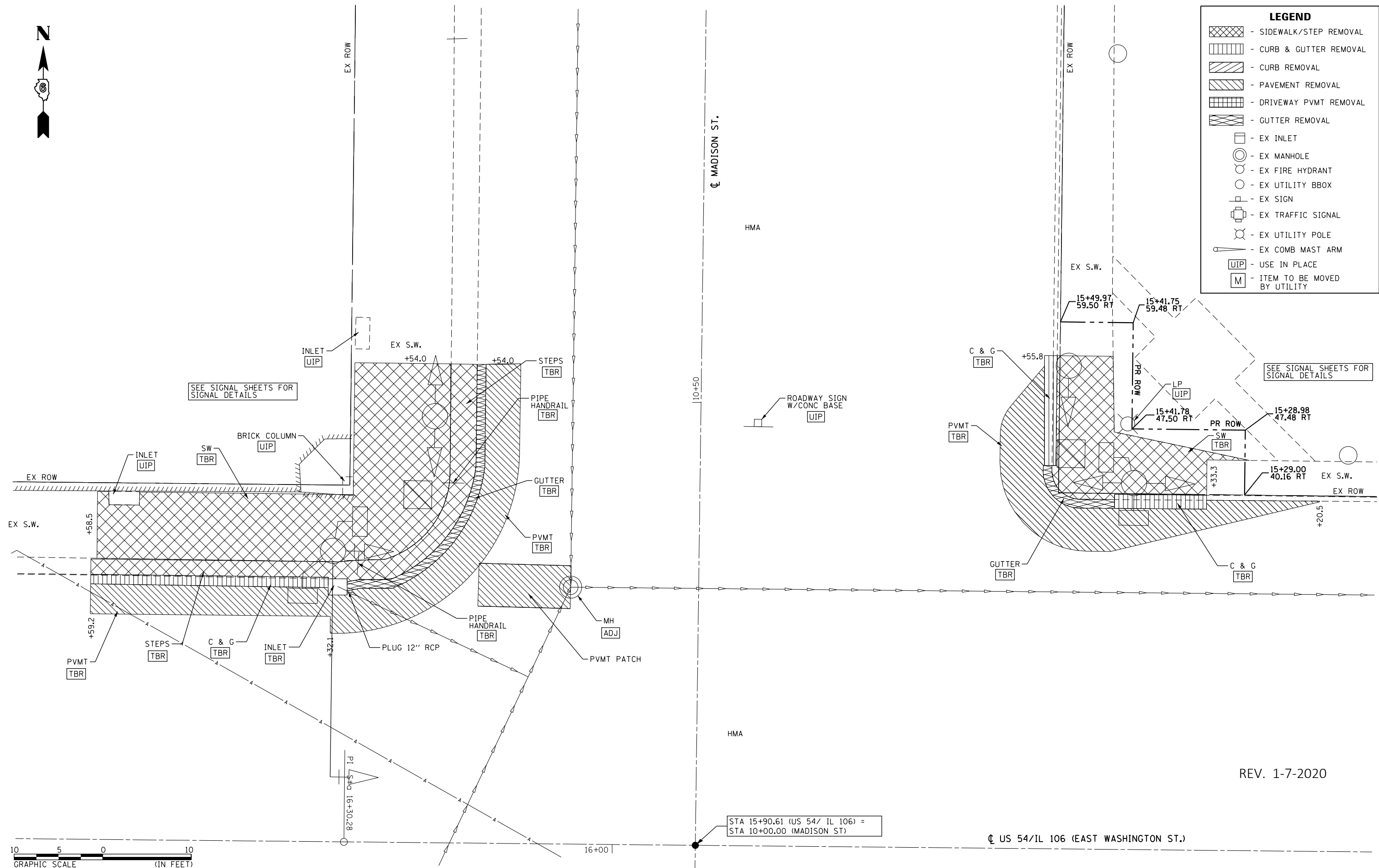
**REMOVAL PLAN SHEET
MEMORIAL STREET SW & SE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)**

SCALE: 1"=5' SHEET 5 OF 24 SHEETS STA. 19+39 TO STA. 20+90

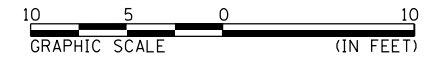
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	64
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



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REV. 1-7-2020

STA 15+90.61 (US 54/ IL 106) =
STA 10+00.00 (MADISON ST)

US 54/IL 106 (EAST WASHINGTON ST.)

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

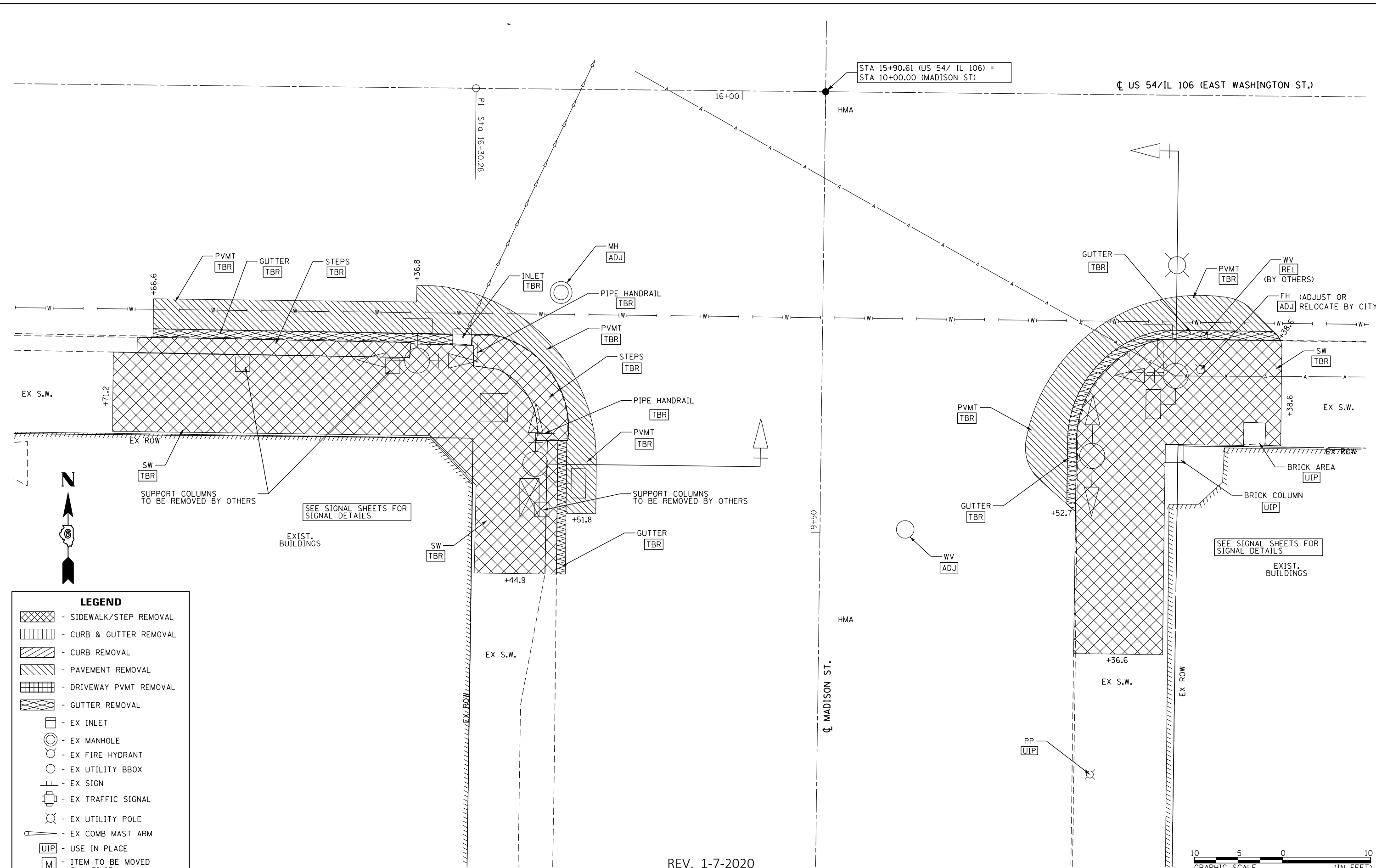
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PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEET
MADISON STREET /NW & NE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)

SCALE: 1"=5' SHEET 6 OF 24 SHEETS STA. 15+15 TO STA. 16+67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	65
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY

REV. 1-7-2020

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEET
MADISON STREET / SW & SE QUADRANTS
US 54 / IL 106 (EAST WASHINGTON ST)

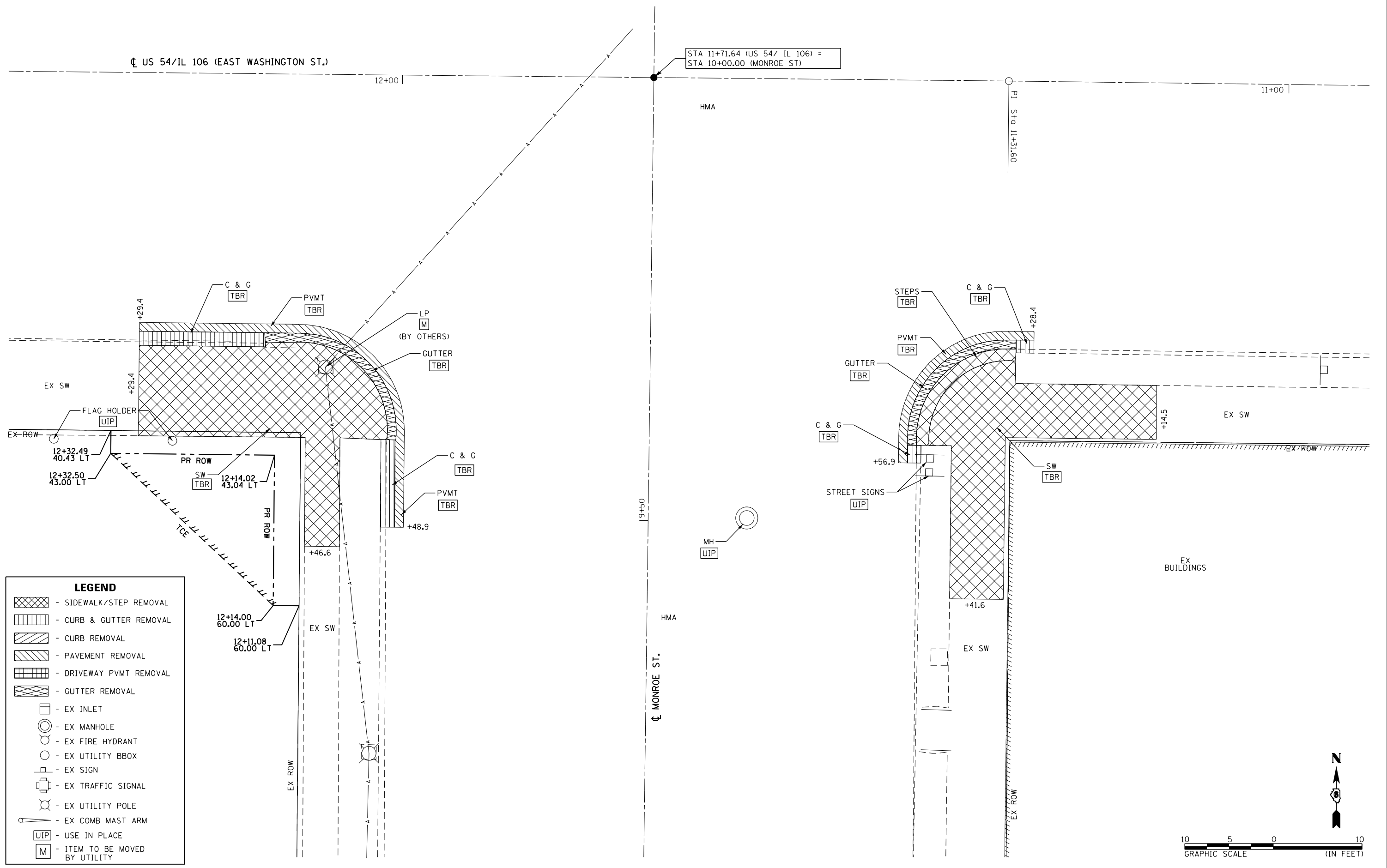
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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cds	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: 1"=5'	SHEET 7 OF 24 SHEETS	STA. 15+30 TO STA. 16+82
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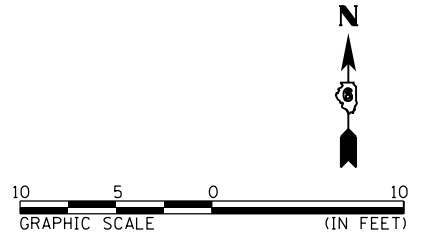
F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 66
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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LEGEND

- SIDEWALK/STEP REMOVAL
- CURB & GUTTER REMOVAL
- CURB REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PVMT REMOVAL
- GUTTER REMOVAL
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
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- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- USE IN PLACE
- ITEM TO BE MOVED BY UTILITY



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USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

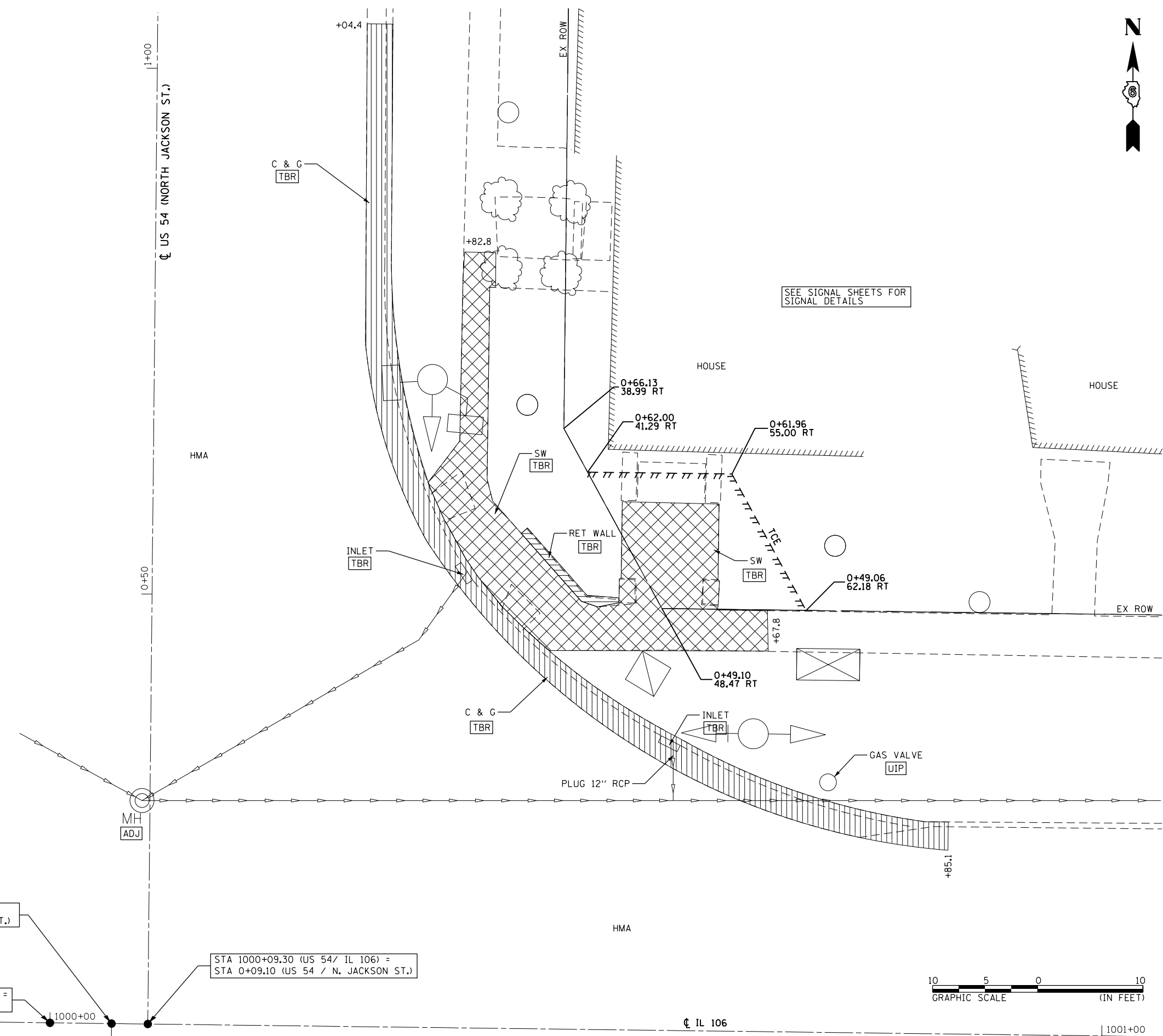
**REMOVAL PLAN SHEET
MONROE STREET / SW & SE QUADRANTS
US 54 / IL 106 (EAST WASHINGTON ST)**

SCALE: 1"=5' SHEET 9 OF 24 SHEETS STA. 10+91 TO STA. 12+44

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 68
CONTRACT NO. 72H83			ILLINOIS FED. AID PROJECT	



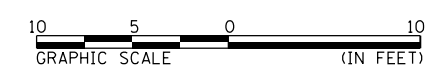
LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



STA 1010+61.08 (IL 106) =
STA 10+00.00 (S. JACKSON ST.)

STA 1000+09.30 (US 54/ IL 106) =
STA 0+09.10 (US 54 / N. JACKSON ST.)

STA 7+56.90 (US 54/WASHINGTON ST.) =
STA 1000+00.00 (IL 106)



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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

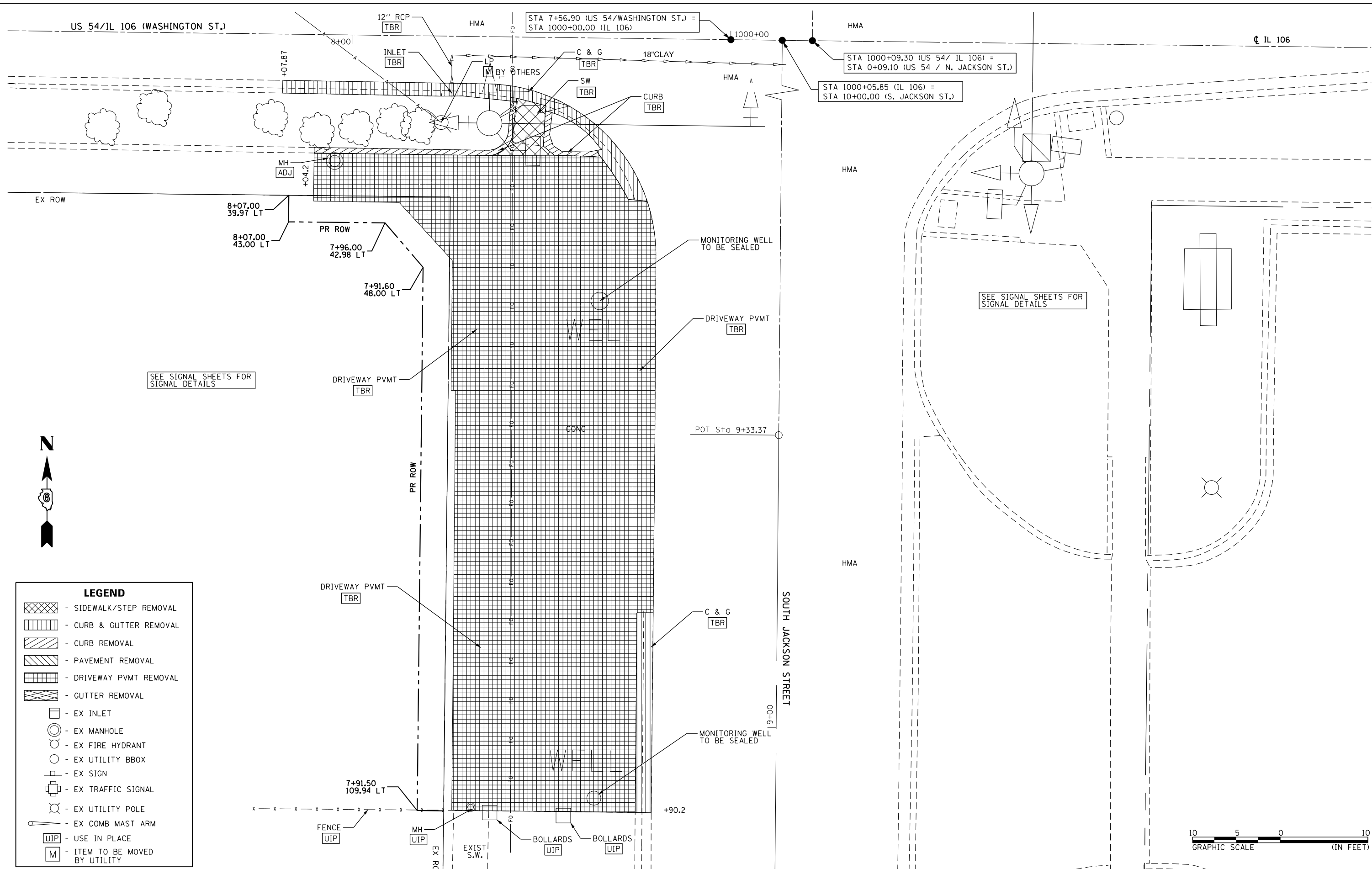
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

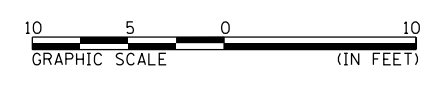
REMOVAL PLAN SHEET
JACKSON STREET /NE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)
SCALE: 1"=5' SHEET 11 OF 24 SHEETS STA. 8+06 TO STA. 1001+05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	70
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

















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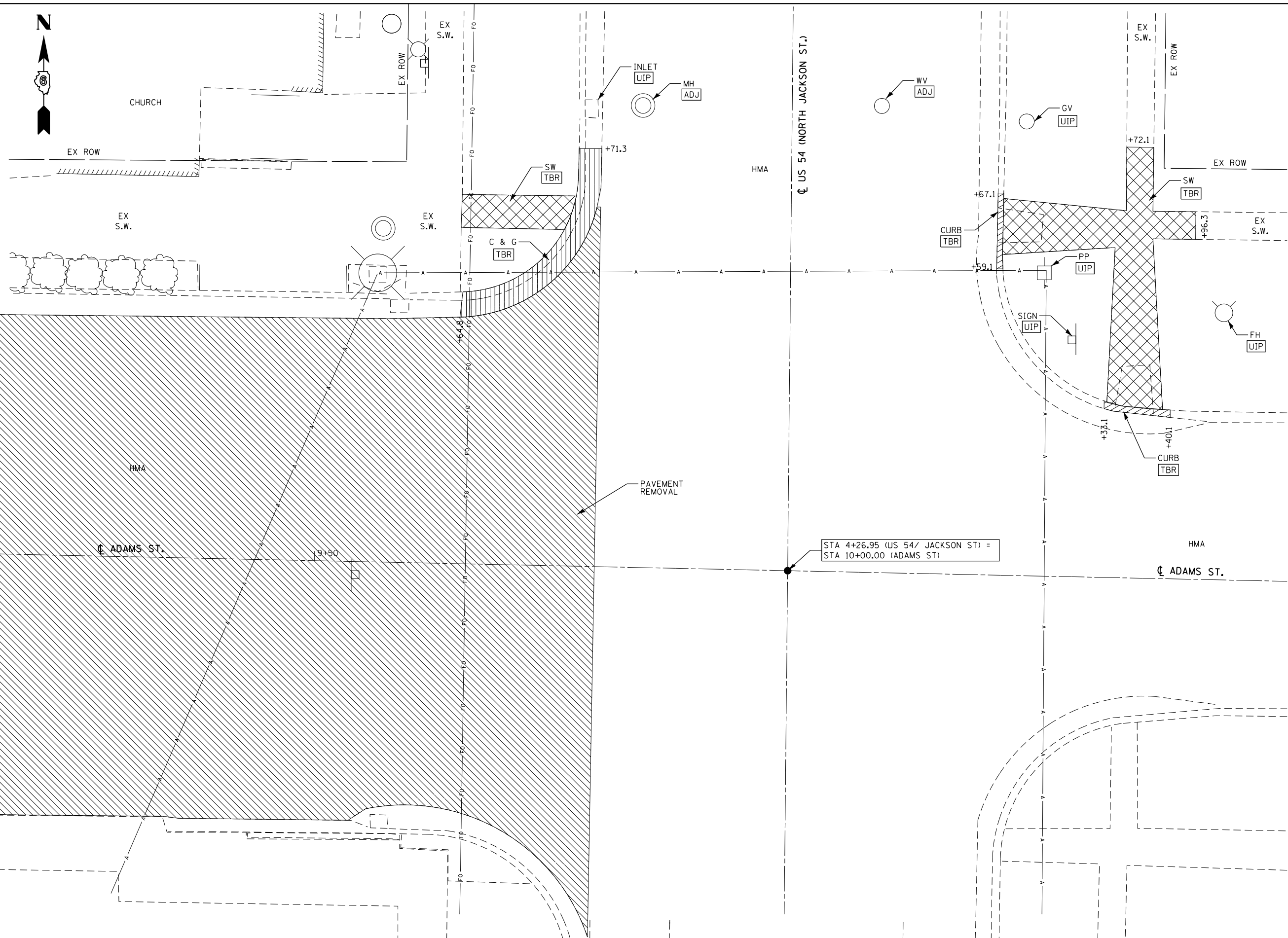
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=5'	SHEET 12 OF 24 SHEETS	STA. 1000+73 TO STA. 8+39
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REMOVAL PLAN SHEET
JACKSON STREET /SE QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	71
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

- LEGEND**
-  - SIDEWALK/STEP REMOVAL
 -  - CURB & GUTTER REMOVAL
 -  - CURB REMOVAL
 -  - PAVEMENT REMOVAL
 -  - DRIVEWAY PVMT REMOVAL
 -  - GUTTER REMOVAL
 -  - EX INLET
 -  - EX MANHOLE
 -  - EX FIRE HYDRANT
 -  - EX UTILITY BBOX
 -  - EX SIGN
 -  - EX TRAFFIC SIGNAL
 -  - EX UTILITY POLE
 -  - EX COMB MAST ARM
 -  - USE IN PLACE
 -  - ITEM TO BE MOVED BY UTILITY



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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

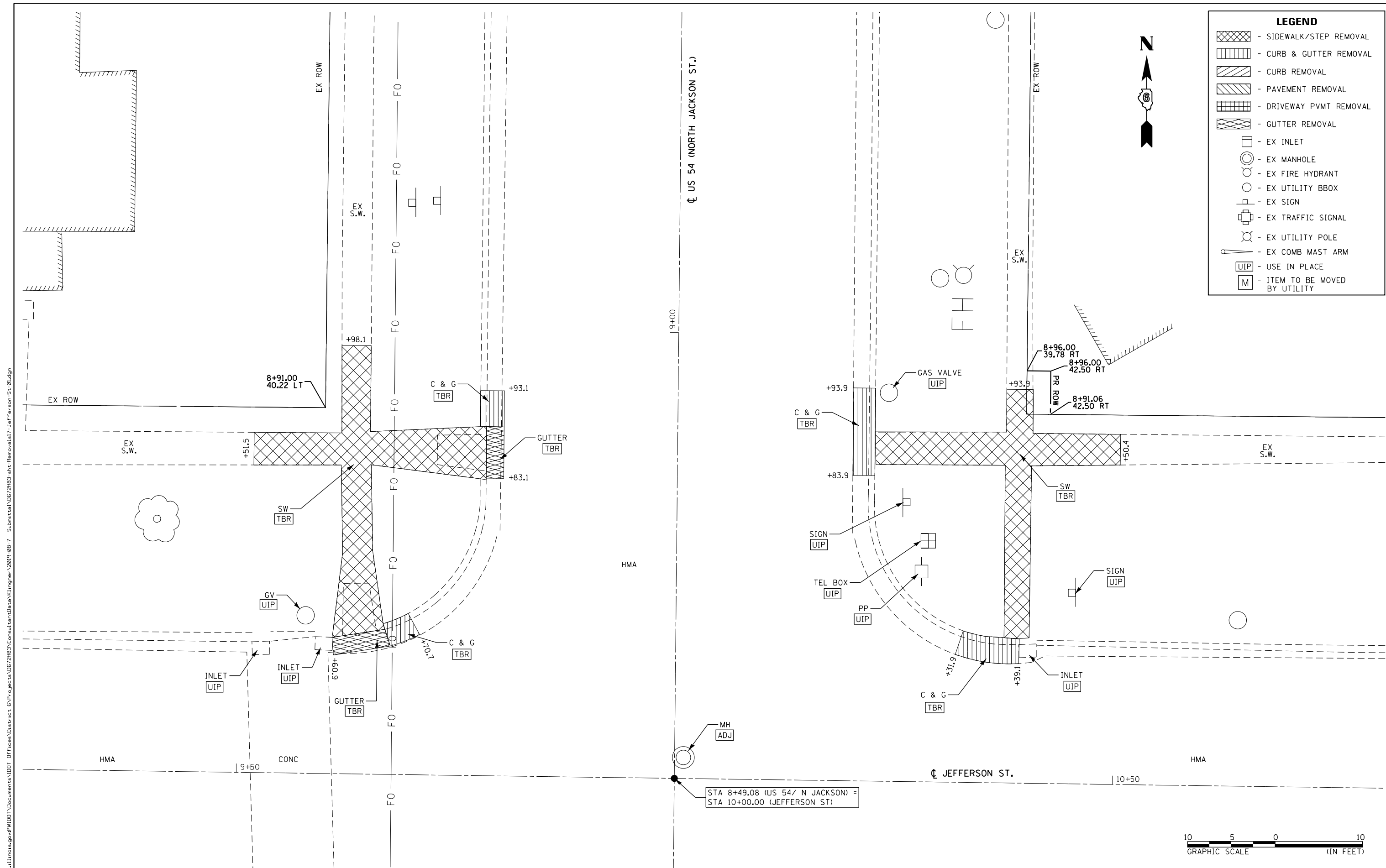
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
 ADAMS STREET /NW & NE QUADRANTS
 US 54 (NORTH JACKSON ST)**

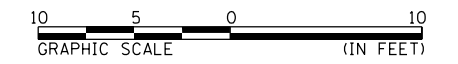
SCALE: 1"=5' SHEET 15 OF 24 SHEETS STA. 4+11 TO STA. 5+07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	74
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND

- SIDEWALK/STEP REMOVAL
- CURB & GUTTER REMOVAL
- CURB REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PVMT REMOVAL
- GUTTER REMOVAL
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- USE IN PLACE
- ITEM TO BE MOVED BY UTILITY



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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

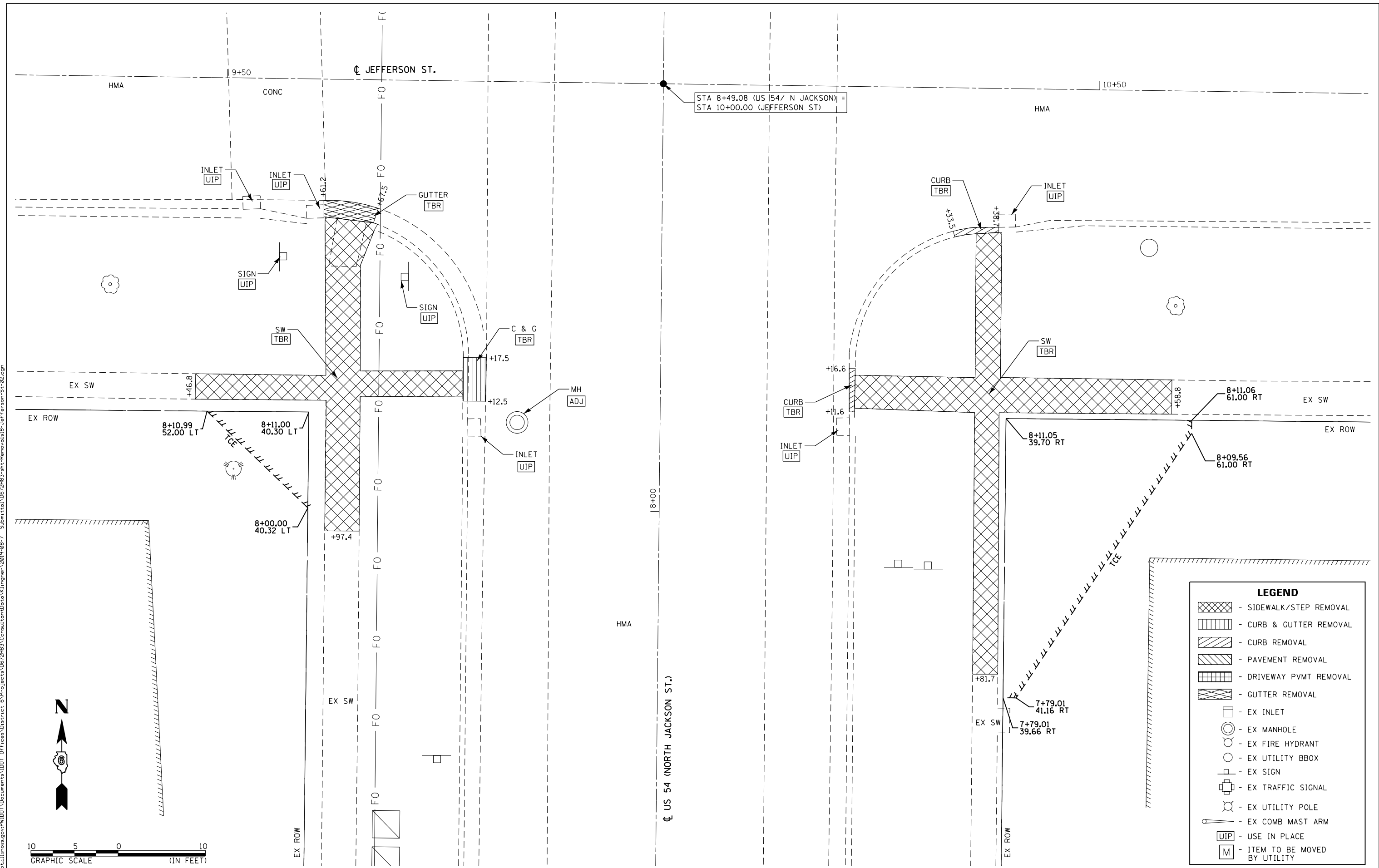
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEET
JEFFERSON STREET /NW & NE QUADRANTS
US 54 (NORTH JACKSON ST)

SCALE: 1"=5' SHEET 17 OF 24 SHEETS STA. 8+39 TO STA. 9+36

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 76
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

STA 8+49.08 (US 54/ N JACKSON) =
STA 10+00.00 (JEFFERSON ST)



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVMT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY

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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

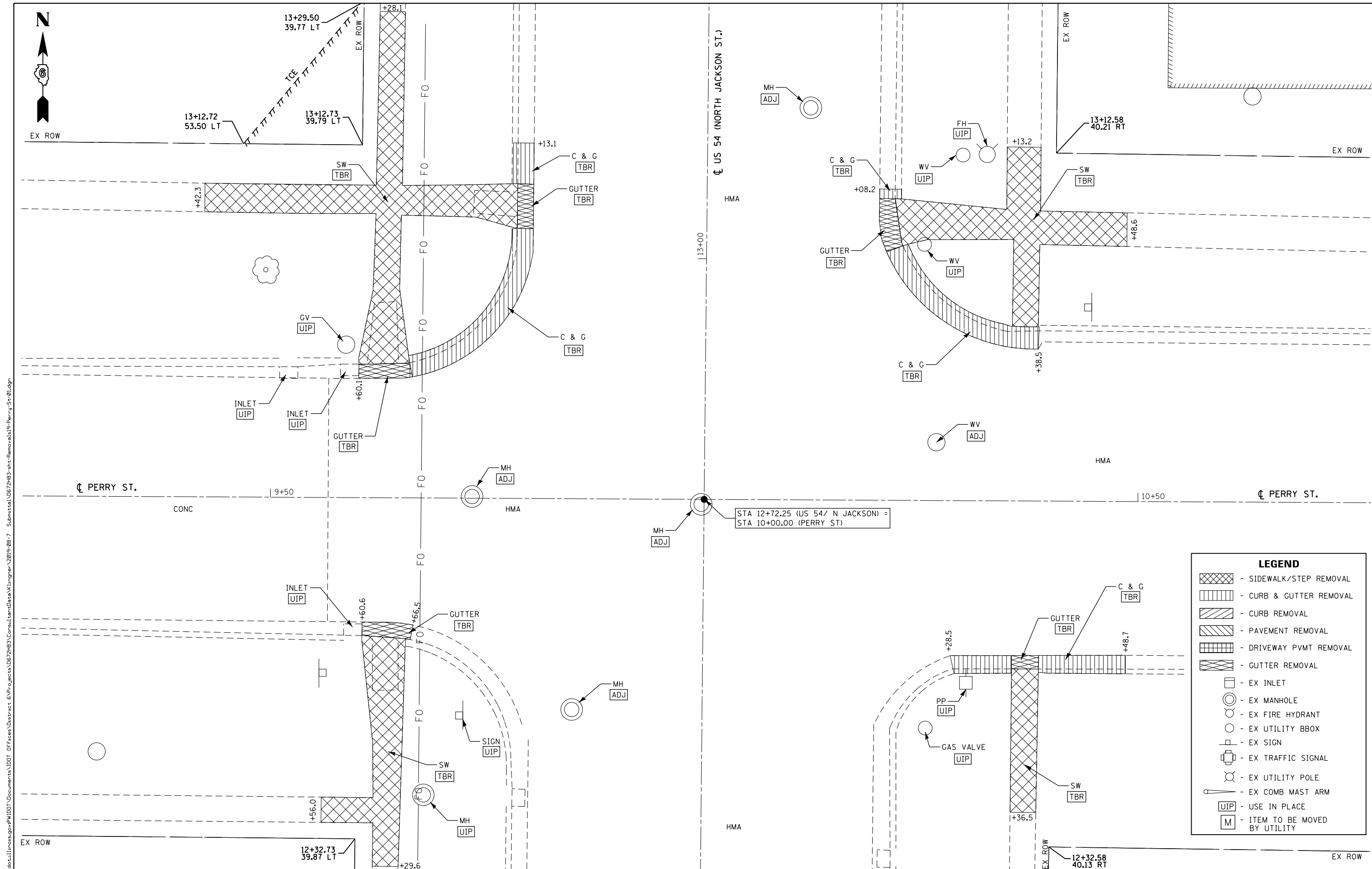
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
JEFFERSON STREET /SW & SE QUADRANTS
US 54 (NORTH JACKSON ST)**

SCALE: 1"=5' SHEET 18 OF 24 SHEETS STA. 7+60 TO STA. 8+57

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	77
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND

- SIDEWALK/STEP REMOVAL
- CURB & GUTTER REMOVAL
- CURB REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PVMT REMOVAL
- GUTTER REMOVAL
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- USE IN PLACE (UIP)
- ITEM TO BE MOVED BY UTILITY (M)

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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
 PERRY STREET /NW, NE, SW, & SE QUADRANTS
 US 54 (NORTH JACKSON ST)**

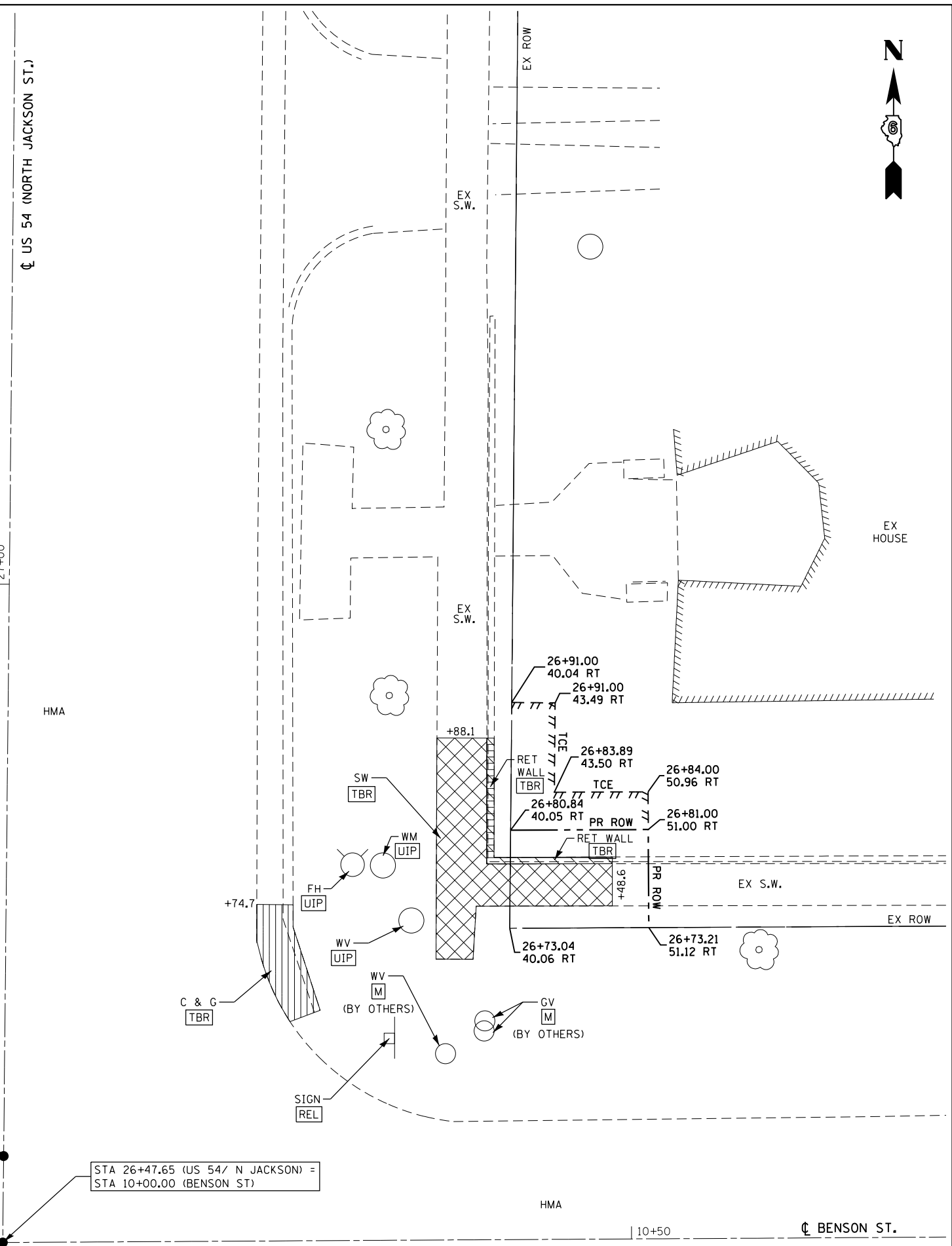
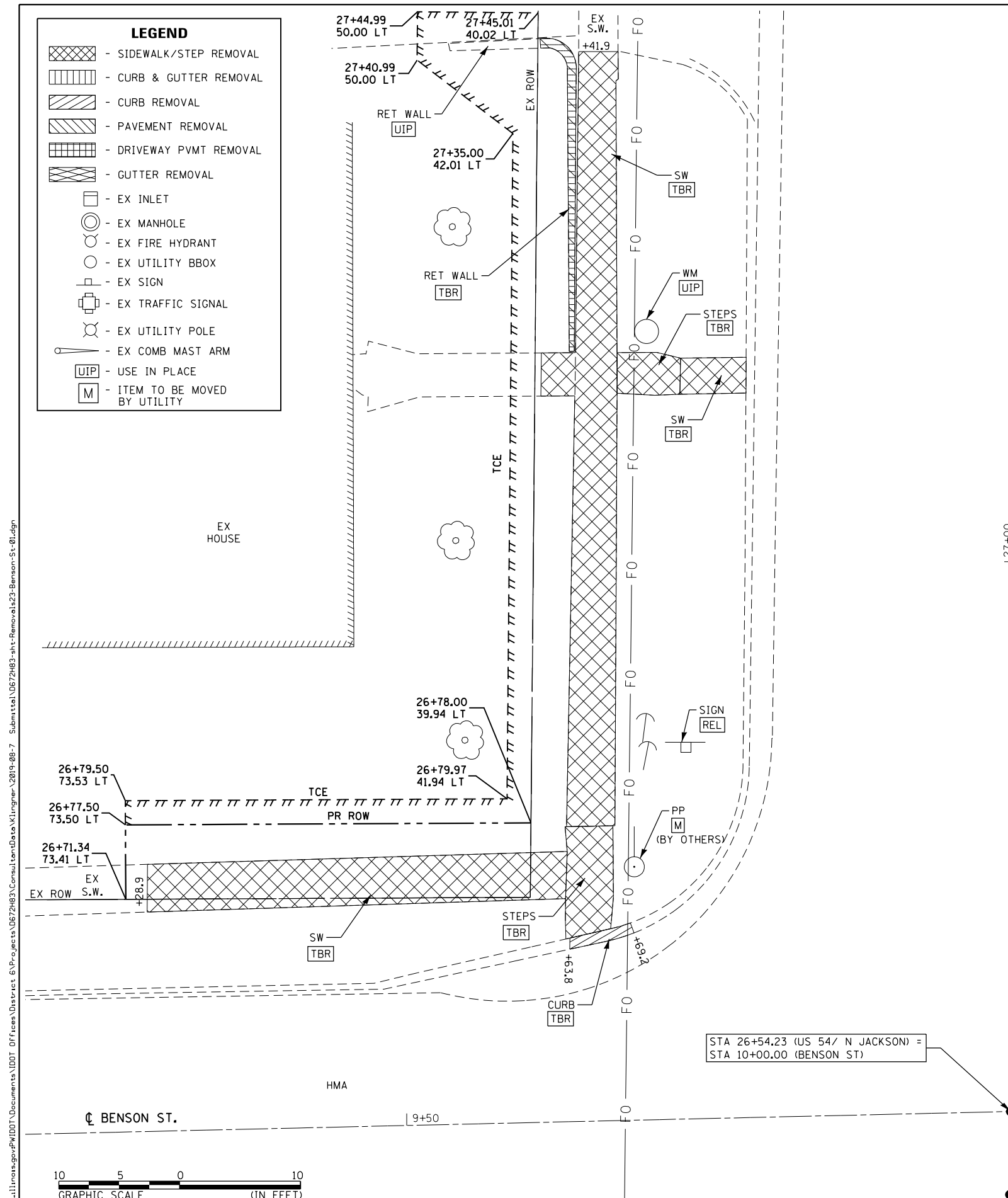
SCALE: 1"=5' SHEET 19 OF 24 SHEETS STA. 12+30 TO STA. 13+29

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 78
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



LEGEND

	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PVTM REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY



STA 26+54.23 (US 54/ N JACKSON) =
STA 10+00.00 (BENSON ST)

STA 26+47.65 (US 54/ N JACKSON) =
STA 10+00.00 (BENSON ST)

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

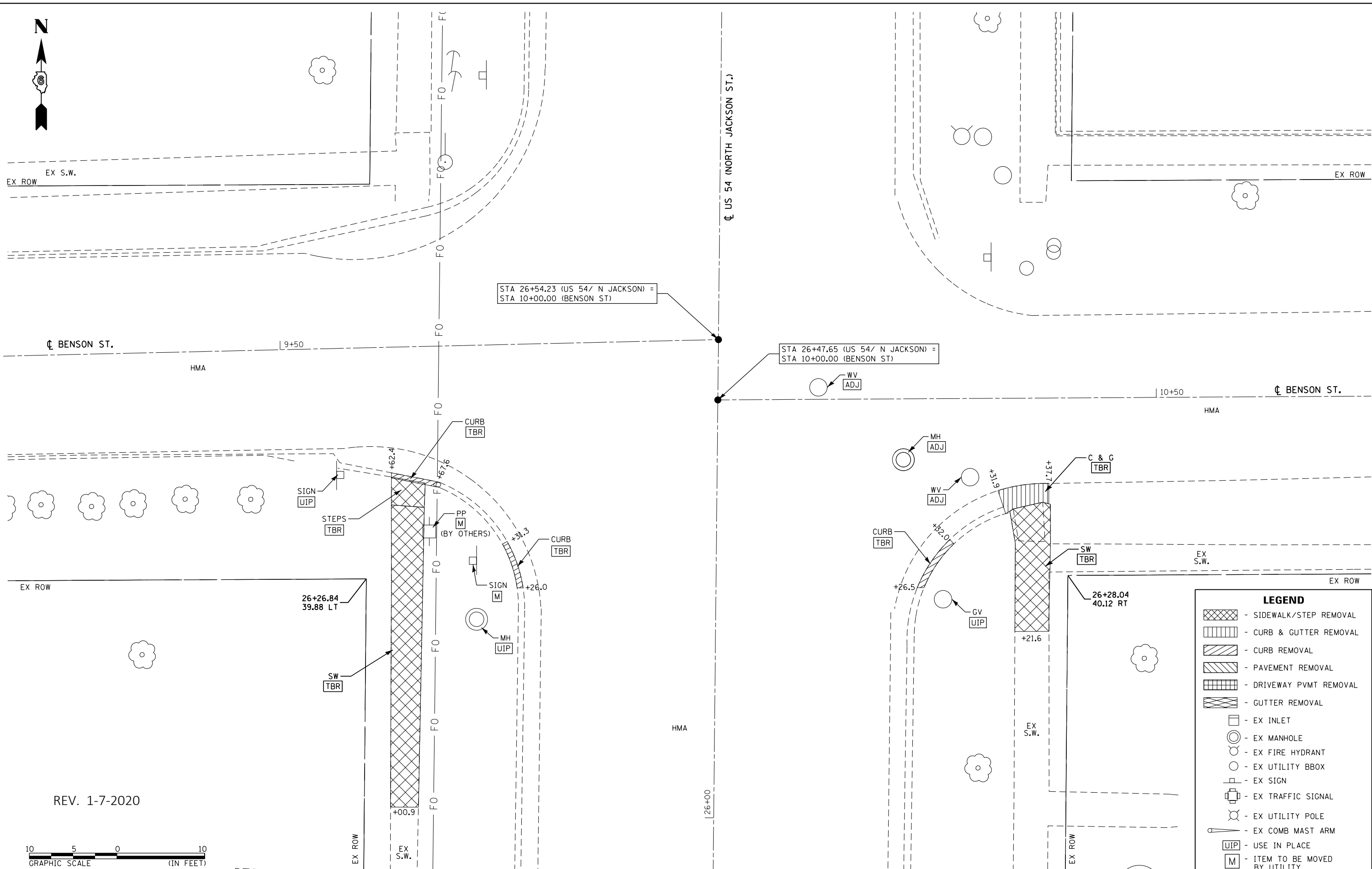
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEET
BENSON STREET /NW & NE QUADRANTS
US 54 (NORTH JACKSON ST)**

SCALE: 1"=5' SHEET 23 OF 24 SHEETS STA. 26+48 TO STA. 27+45

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	82
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



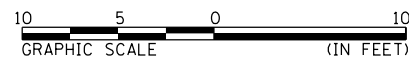
STA 26+54.23 (US 54/ N JACKSON) =
STA 10+00.00 (BENSON ST)

STA 26+47.65 (US 54/ N JACKSON) =
STA 10+00.00 (BENSON ST)

26+26.84
39.88 LT

26+28.04
40.12 RT

REV. 1-7-2020



LEGEND	
	- SIDEWALK/STEP REMOVAL
	- CURB & GUTTER REMOVAL
	- CURB REMOVAL
	- PAVEMENT REMOVAL
	- DRIVEWAY PAVT REMOVAL
	- GUTTER REMOVAL
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- USE IN PLACE
	- ITEM TO BE MOVED BY UTILITY

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USER NAME = cds	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

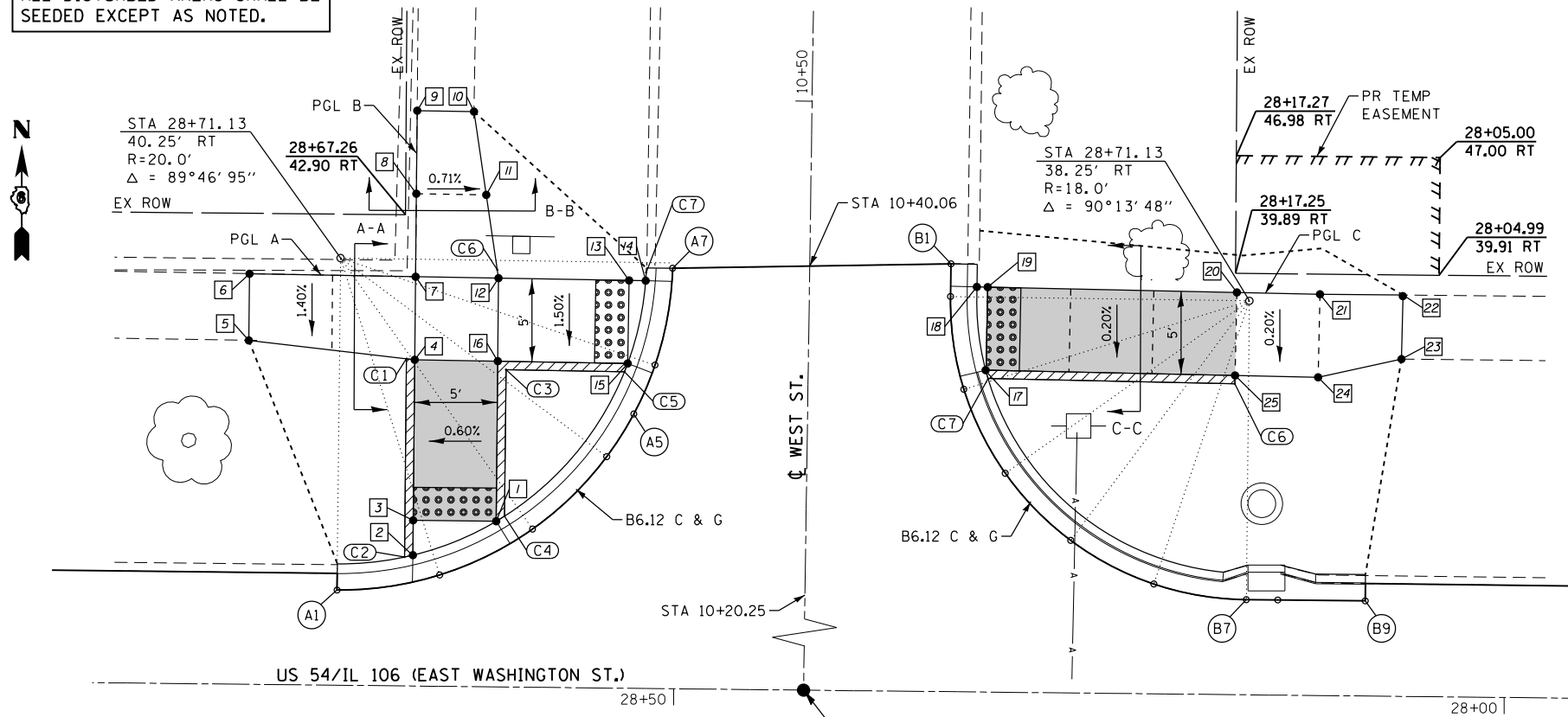
REMOVAL PLAN SHEET
BENSON STREET /SW & SE QUADRANTS
US 54 (NORTH JACKSON ST)

SCALE: 1"=5' SHEET 24 OF 24 SHEETS STA. 25+94 TO STA. 23+91

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	83
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

WEST STREET N.W. & N.E. QUADRANTS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.



SIDEWALK ELEVATIONS WEST ST. - N.W./N.E. QUADRANT

POINT	US 54-WASHINGTON ST		ELEVATION
	STATION	OFFSET	
1	28+61.60	24.49' RT	738.88
2	28+66.60	22.40' RT	738.86
3	28+66.60	24.49' RT	738.87
4	28+66.60	34.17' RT	739.56
5	28+76.60	35.23' RT	739.98 ▲
6	28+76.61	39.25' RT	740.05 ▲
7	28+66.61	39.17' RT	739.63
8	28+66.61	44.17' RT	739.88
9	28+66.61	49.17' RT	740.12 ▲
10	28+63.20	49.15' RT	740.14 ▲
11	28+62.40	44.14' RT	739.85
12	28+61.61	39.14' RT	739.56
13	28+53.74	39.08' RT	739.29
14	28+52.75	39.07' RT	739.29
15	28+53.78	34.08' RT	739.21
16	28+61.60	34.14' RT	739.49
17	28+32.21	33.91' RT	739.22
18	28+32.81	38.92' RT	739.25
19	28+32.15	38.91' RT	739.25
20	28+17.15	38.74' RT	740.34
21	28+12.15	38.69' RT	740.42
22	28+07.15	38.63' RT	740.64 ▲
23	28+07.19	34.83' RT	740.41 ▲
24	28+12.21	33.69' RT	740.37
25	28+17.21	33.74' RT	740.29

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

EDGE OF PAVEMENT ELEVATIONS - N.W. QUADRANT US 54 / WASHINGTON ST. - WEST ST.

POINT	US 54/IL 106		WEST ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	28+71.13	20.25' RT	10+20.13	28.17' LT	738.85 ▲
A2	28+64.97	21.22' RT	10+21.18	22.02' LT	738.88
A3	28+59.40	24.05' RT	10+23.98	16.46' LT	738.90
A4	28+54.98	28.45' RT	10+28.41	12.05' LT	739.10
A5	28+53.38	31.04' RT	10+31.00	10.46' LT	739.18
A6	28+52.13	34.01' RT	10+33.49	9.38' LT	739.23 ▲
A7	28+51.14	39.84' RT	10+39.81	8.25' LT	739.32

CURB ELEVATIONS - N.W./N.E. QUADRANT US 54 / WASHINGTON ST - WEST ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	739.56	0"
C2	739.36	6"
C3	739.99	6"
C4	739.38	6"
C5	739.71	6"
C6	740.29	0"
C7	739.72	6"

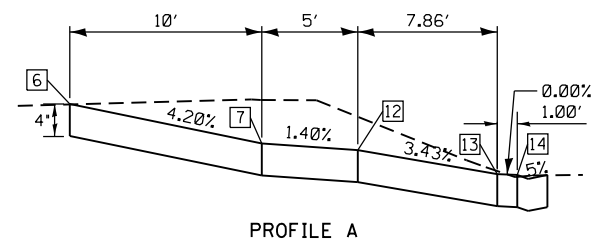
EDGE OF PAVEMENT ELEVATIONS - N.E. QUADRANT US 54 / WASHINGTON ST. - WEST ST.

POINT	US 54/IL 106		WEST ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	28+34.38	40.28' RT	10+40.32	8.50' RT	739.27 ▲
B2	28+34.39	38.32' RT	10+38.35	8.50' RT	739.26
B3	28+33.53	32.74' RT	10+32.78	9.39' RT	739.23
B4	28+30.98	27.70' RT	10+27.75	11.95' RT	739.19
B5	28+26.99	23.70' RT	10+23.77	15.96' RT	739.17
B6	28+21.97	21.13' RT	10+21.22	20.99' RT	739.15
B7	28+16.39	20.25' RT	10+20.35	26.57' RT	739.13 ▲
B8	28+14.49	20.25' RT	10+20.36	28.47' RT	739.10 ▲
B9	28+09.23	20.25' RT	10+20.38	33.73' RT	739.31 ▲

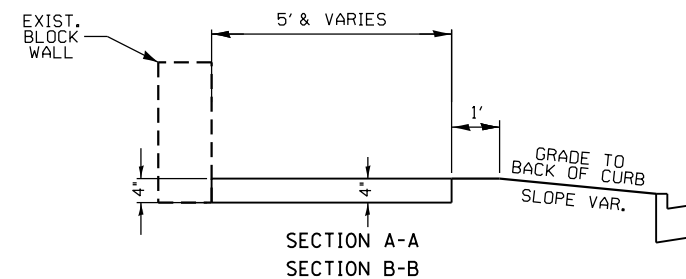
WEST STREET CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
10+20.25	8.25' LT	739.05	-0.97%	CL	739.13	0.73%	8.50' RT	739.19*
10+31.00	8.25' LT	739.19*	-0.48%	CL	739.23	0.00%	8.50' RT	739.23
10+40.06	8.25' LT	738.32	0.00%	CL	739.32	-0.59%	8.50' RT	739.27*

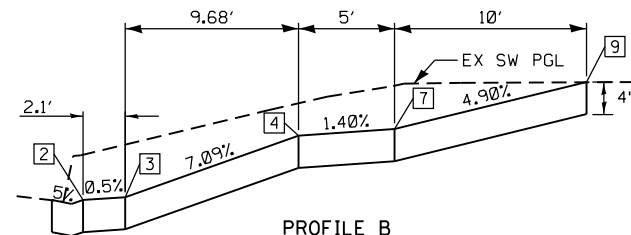
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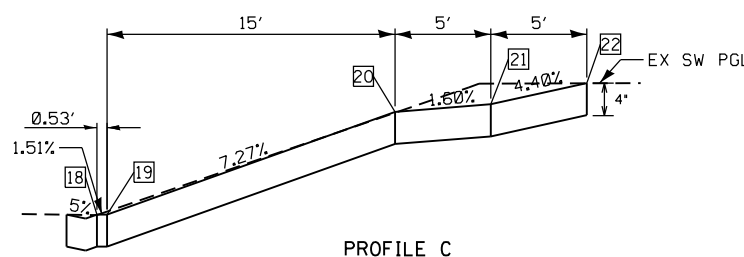
PROFILE A



SECTION A-A
SECTION B-B



PROFILE B



PROFILE C

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
WEST STREET /N.W. & N.E. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=5' SHEET 1 OF 46 SHEETS STA. 28+76.00 TO STA. 28+08.00

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 84
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

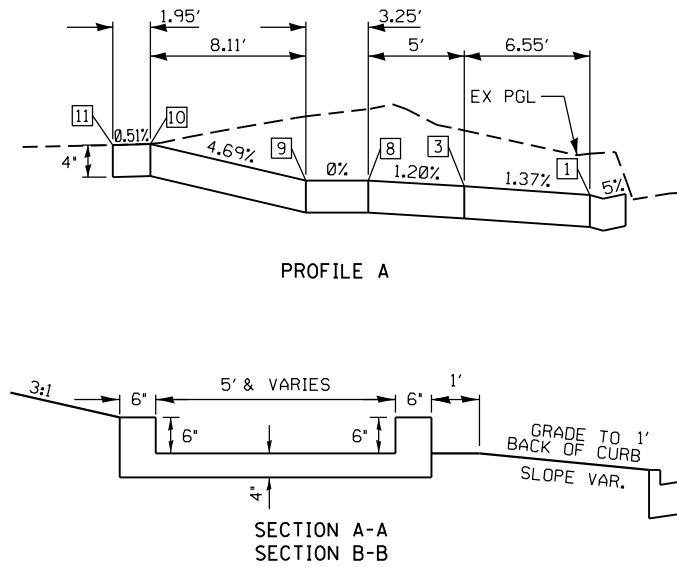
MISSISSIPPI STREET S.E. QUADRANT

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



**SIDEWALK ELEVATIONS - S.E. QUADRANT
US 54 / WASHINGTON - MISSISSIPPI ST.**

POINT	US 54-WASHINGTON ST		ELEVATION
	STATION	OFFSET	
1	23+86.44	26.24' LT	738.34
2	23+86.44	30.39' LT	738.38
3	23+86.44	32.78' LT	738.43
4	23+81.44	32.78' LT	738.65
5	23+71.44	33.11' LT	738.95
6	23+71.44	37.07' LT	739.16
7	23+81.44	37.78' LT	738.71
8	23+86.44	37.78' LT	738.49
9	23+87.49	40.85' LT	738.49
10	23+92.48	47.26' LT	738.87
11	23+92.48	47.26' LT	738.86
12	23+96.44	49.19' LT	738.90
13	23+96.42	44.19' LT	738.93
14	23+91.44	37.78' LT	738.42
15	23+93.46	37.78' LT	738.32
16	23+96.44	37.78' LT	738.27
17	23+93.46	32.78' LT	738.30
18	23+91.44	32.78' LT	738.35
19	23+91.44	30.39' LT	738.32

**CURB ELEVATIONS - S.E. QUADRANT
US 54 / WASHINGTON ST - MISSISSIPPI ST.**

POINT	ELEVATION	CURB HEIGHT
C2	738.92	6"
C3	738.77	6"
C4	738.80	6"
C5	738.85	6"
C6	738.82	6"
C7	738.84	6"
C8	738.93	6"
C9	738.88	0"
C10	739.10	0"
C11	739.21	6"
C12	738.99	6"
C13	738.87	0"

**SIDEWALK ELEVATIONS - ALLEY
US 54 / WASHINGTON - ALLEY**

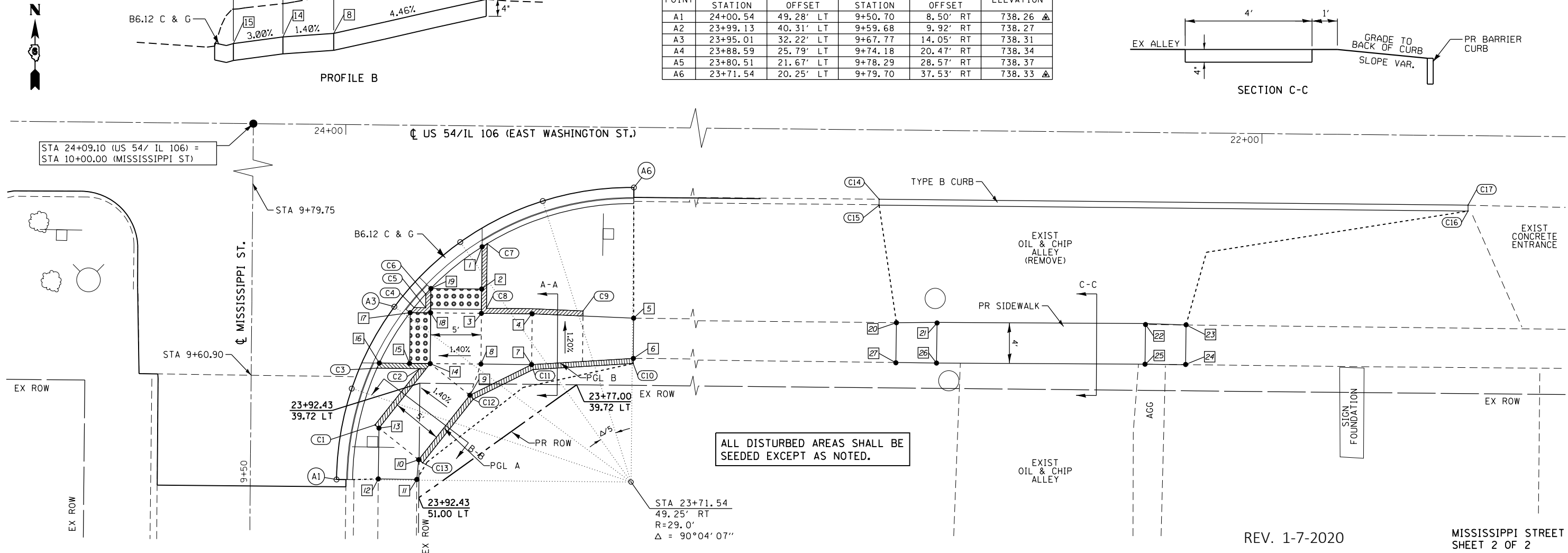
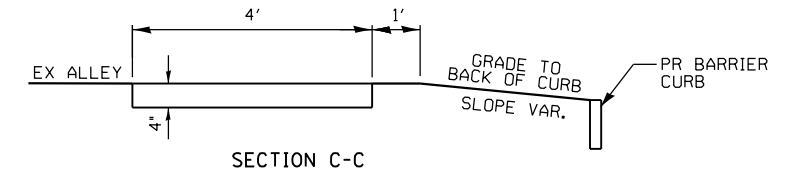
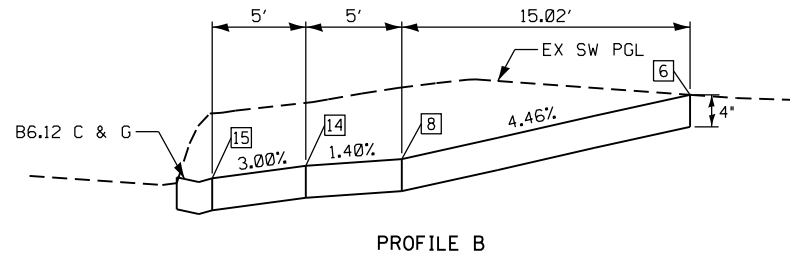
POINT	US 54-WASHINGTON ST		ELEVATION
	STATION	OFFSET	
20	22+35.81	33.29' LT	737.84
21	22+31.81	33.22' LT	737.80
22	22+11.28	33.13' LT	737.72
23	22+07.28	33.23' LT	737.76
24	22+07.28	37.14' LT	737.92
25	22+11.28	37.13' LT	737.78
26	22+31.82	37.22' LT	737.86
27	22+35.82	37.21' LT	737.92

**CURB ELEVATIONS - ALLEY
US 54 / WASHINGTON - ALLEY**

POINT	US 54-WASHINGTON ST		ELEVATION	CURB HEIGHT
	STATION	OFFSET		
C14	22+37.63	21.15' LT	737.69	6"
C15	22+37.63	21.74' LT	737.69	6"
C16	21+79.63	21.73' LT	737.57	6"
C17	21+79.63	21.15' LT	737.57	6"

**EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
US 54 / WASHINGTON ST. - MISSISSIPPI ST.**

POINT	US 54/WASHINGTON ST.		MISSISSIPPI ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	24+00.54	49.28' LT	9+50.70	8.50' RT	738.26
A2	23+99.13	40.31' LT	9+59.68	9.92' RT	738.27
A3	23+95.01	32.22' LT	9+67.77	14.05' RT	738.31
A4	23+88.59	25.79' LT	9+74.18	20.47' RT	738.34
A5	23+80.51	21.67' LT	9+78.29	28.57' RT	738.37
A6	23+71.54	20.25' LT	9+79.70	37.53' RT	738.33



REV. 1-7-2020

MISSISSIPPI STREET
SHEET 2 OF 2

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STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cds	DESIGNED -	REVISOR -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISOR -
PLOT DATE = 12/20/2019	CHECKED -	REVISOR -
	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

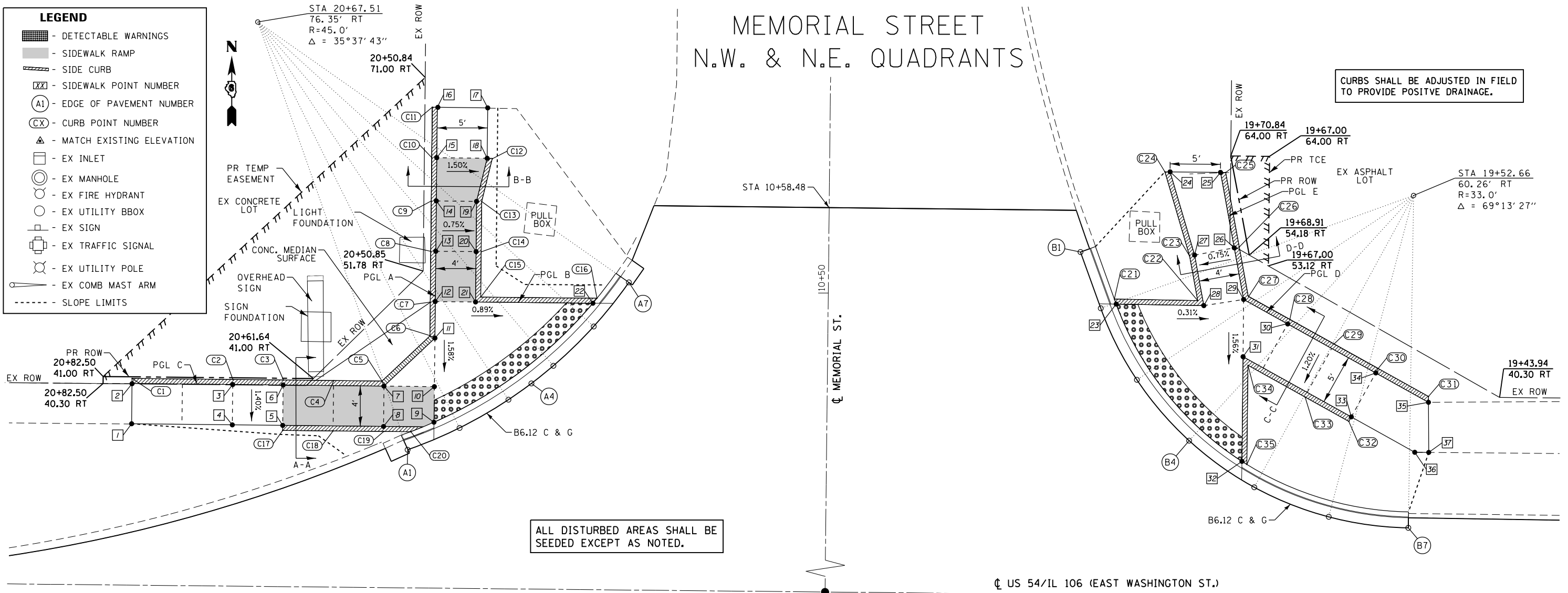
GEOMETRIC DETAILS
MISSISSIPPI STREET / S.E. QUADRANT
US 54 / IL 106 (EAST WASHINGTON ST.)

SCALE: 1"=5' SHEET 4 OF 46 SHEETS STA. 21+70.00 TO STA. 24+33.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	87
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

MEMORIAL STREET N.W. & N.E. QUADRANTS

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.



- LEGEND**
- DETECTABLE WARNINGS
 - SIDEWALK RAMP
 - SIDE CURB
 - SIDEWALK POINT NUMBER
 - EDGE OF PAVEMENT NUMBER
 - CURB POINT NUMBER
 - MATCH EXISTING ELEVATION
 - EX INLET
 - EX MANHOLE
 - EX FIRE HYDRANT
 - EX UTILITY BBOX
 - EX SIGN
 - EX TRAFFIC SIGNAL
 - EX UTILITY POLE
 - EX COMB MAST ARM
 - SLOPE LIMITS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST. – MEMORIAL ST.**

POINT	US 54/WASHINGTON ST.		MEMORIAL ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	20+52.22	34.03' RT	10+33.99	41.56' LT	735.94 ▲
A2	20+47.09	36.25' RT	10+36.22	36.43' LT	736.00
A3	20+42.27	39.09' RT	10+39.07	31.62' LT	736.06
A4	20+40.00	40.73' RT	10+40.71	29.35' LT	736.09
A5	20+37.84	42.51' RT	10+42.49	27.20' LT	736.06
A6	20+33.88	46.45' RT	10+46.43	23.23' LT	736.04
A7	20+30.43	50.86' RT	10+50.84	19.79' LT	736.02 ▲

**SIDEWALK ELEVATIONS
MEMORIAL ST. – N.W. QUADRANT**

POINT	US 54-WASHINGTON ST		ELEVATION
	STATION	OFFSET	
1	20+79.63	36.34' RT	737.25 ▲
2	20+79.63	40.34' RT	737.34 ▲
3	20+69.63	40.33' RT	737.16
4	20+69.63	36.33' RT	737.11
5	20+64.63	36.33' RT	737.04
6	20+64.63	40.33' RT	737.09
7	20+54.63	40.33' RT	736.38
8	20+54.63	36.32' RT	736.33
9	20+49.63	36.78' RT	735.97
10	20+49.63	40.33' RT	736.03
11	20+49.63	45.13' RT	736.10
12	20+49.63	48.76' RT	736.16
13	20+49.63	53.76' RT	736.55
14	20+49.63	58.76' RT	736.93
15	20+49.63	63.05' RT	737.32
16	20+49.63	68.05' RT	737.40 ▲
17	20+44.61	68.05' RT	737.23 ▲
18	20+44.61	63.05' RT	737.16
19	20+45.62	58.76' RT	736.91
20	20+45.62	53.76' RT	736.52
21	20+45.62	48.76' RT	736.13
22	20+33.99	48.76' RT	736.02

**CURB ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST – MEMORIAL ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	737.67	4"
C2	737.58	5"
C3	737.51	5"
C4	737.49	9"
C5	737.38	12"
C6	737.43	16"
C7	737.49	16"
C8	737.55	12"
C9	737.68	9"
C10	737.65	4"
C11	737.73	4"
C12	737.26	0"
C13	737.16	3"
C14	737.10	7"
C15	737.13	12"
C16	736.53	6"
C17	737.04	0"
C18	736.93	3"
C19	736.58	3"
C20	736.78	6"

**SIDEWALK ELEVATIONS
MEMORIAL ST. – N.E. QUADRANT**

POINT	US 54-WASHINGTON ST		ELEVATION
	STATION	OFFSET	
23	19+82.06	49.18' RT	736.10
24	19+76.84	62.36' RT	736.61 ▲
25	19+71.84	62.36' RT	736.67 ▲
26	19+70.41	54.89' RT	736.31
27	19+74.34	54.13' RT	736.28
28	19+73.37	49.11' RT	736.08
29	19+69.43	49.77' RT	736.07
30	19+65.03	49.08' RT	736.13
31	19+69.43	44.08' RT	735.98
32	19+69.44	33.70' RT	735.82
33	19+58.63	38.21' RT	736.43
34	19+56.25	42.61' RT	736.50
35	19+50.98	39.75' RT	736.72 ▲
36	19+52.30	34.77' RT	736.64
37	19+50.91	34.77' RT	736.72 ▲

**CURB ELEVATIONS – N.E. QUADRANT
US 54 / WASHINGTON ST – MEMORIAL ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C21	736.60	6"
C22	736.58	6"
C23	736.78	5"
C24	736.61	0"
C25	737.00	4"
C26	737.06	9"
C27	737.07	12"
C28	737.13	12"
C29	737.06	9"
C30	737.08	7"
C31	737.05	4"
C32	736.43	0"
C33	736.75	6"
C34	736.65	8"
C35	736.32	6"

**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 / WASHINGTON ST. – MEMORIAL ST.**

POINT	US 54/WASHINGTON ST.		MEMORIAL ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	19+85.66	54.32' RT	10+54.34	24.97' RT	736.19 ▲
B2	19+83.59	48.75' RT	10+48.77	27.05' RT	736.11
B3	19+79.94	41.69' RT	10+41.71	30.71' RT	736.01
B4	19+74.70	35.70' RT	10+35.73	35.95' RT	735.91
B5	19+68.18	31.14' RT	10+31.18	42.48' RT	735.80
B6	19+60.76	28.27' RT	10+28.31	49.90' RT	735.70
B7	19+52.87	27.26' RT	10+27.31	57.79' RT	735.64 ▲

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.



USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

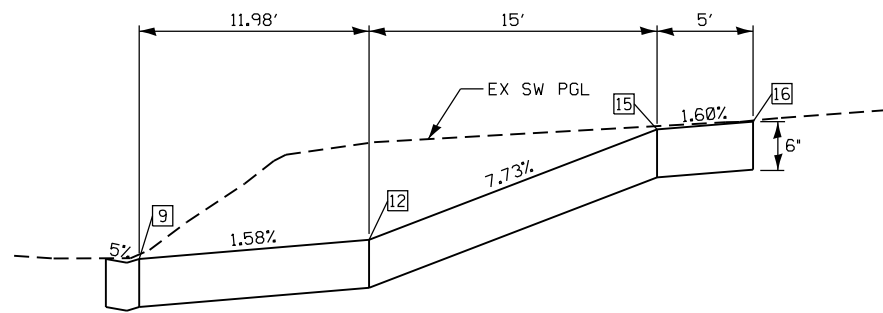
GEOMETRIC DETAILS
MEMORIAL STREET /N.W. & N.E. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)

SCALE: 1"=5' SHEET 5 OF 46 SHEETS STA. 20+63.00 TO STA. 19+52.00

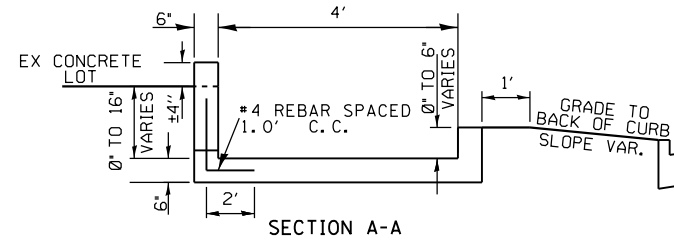
F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 88
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

MEMORIAL STREET
SHEET 1 OF 4

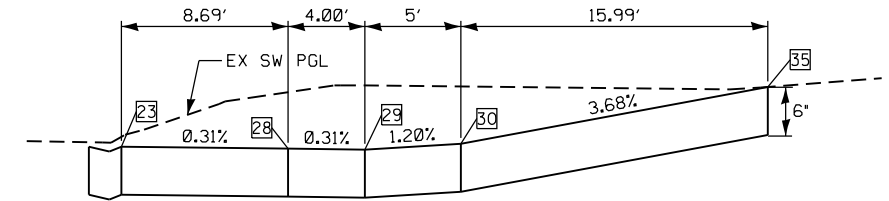
MEMORIAL STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



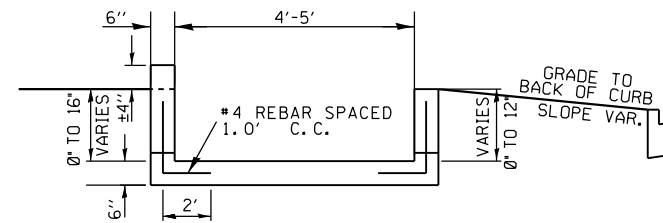
PROFILE A



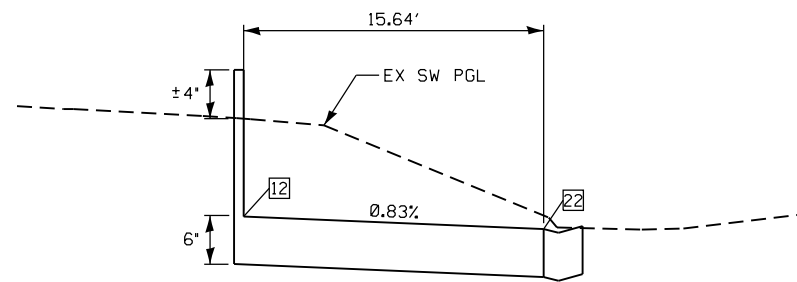
SECTION A-A



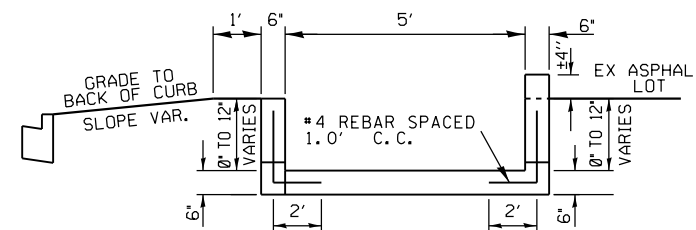
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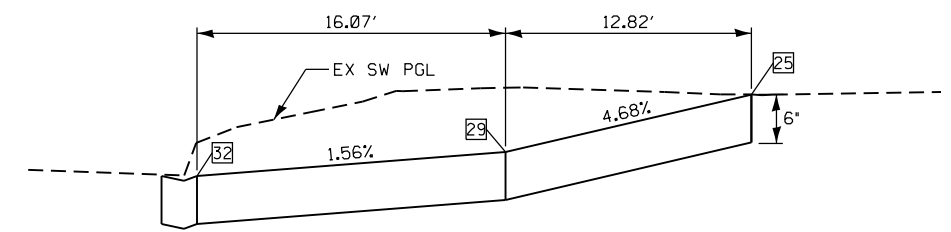
SECTION B-B



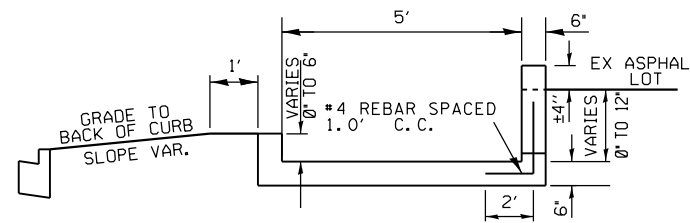
PROFILE B



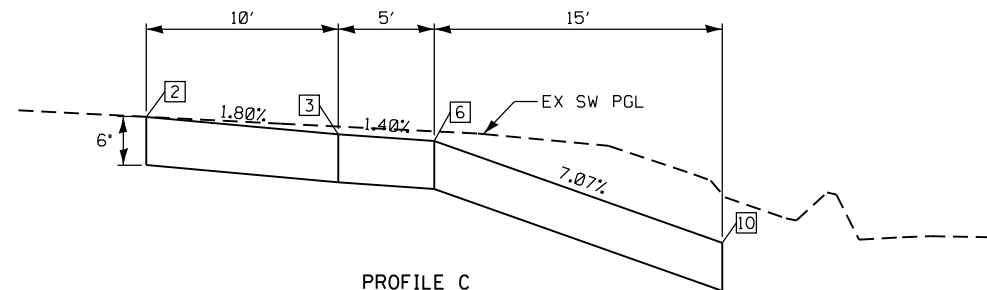
SECTION C-C



PROFILE E



SECTION D-D



PROFILE C

CURBS SHALL BE ADJUSTED IN FIELD
TO PROVIDE POSITIVE DRAINAGE.

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

GEOMETRIC DETAILS	
MEMORIAL STREET /N.W. & N.E. QUADRANTS	
US 54 /IL 106 (EAST WASHINGTON ST.)	
SCALE: 1"=5'	SHEET 6 OF 46 SHEETS STA. 20+56.00 TO STA. 19+62.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	89
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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

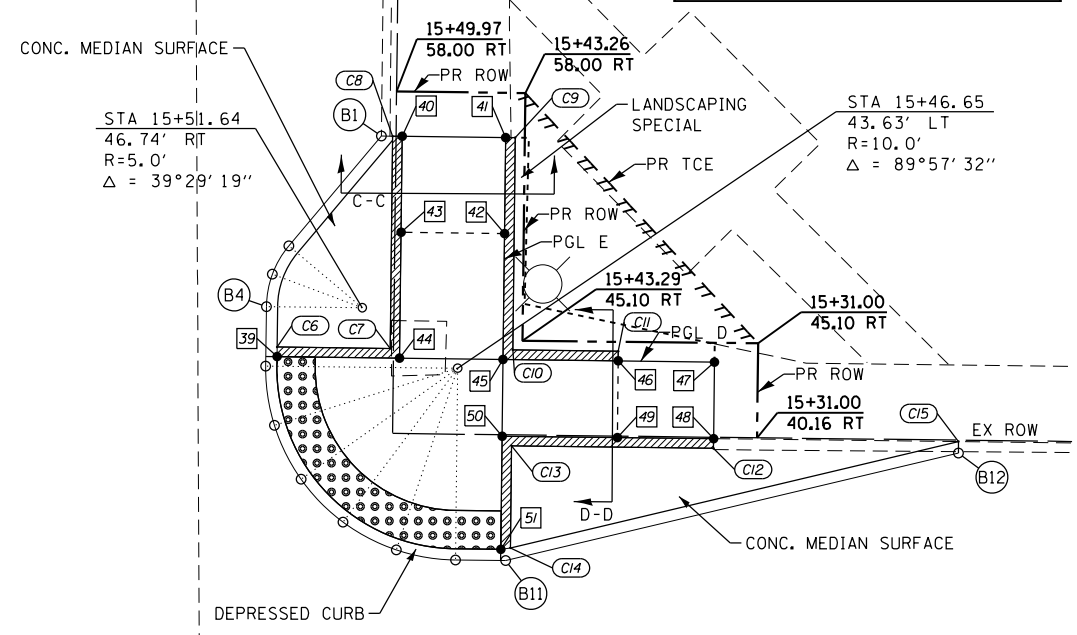
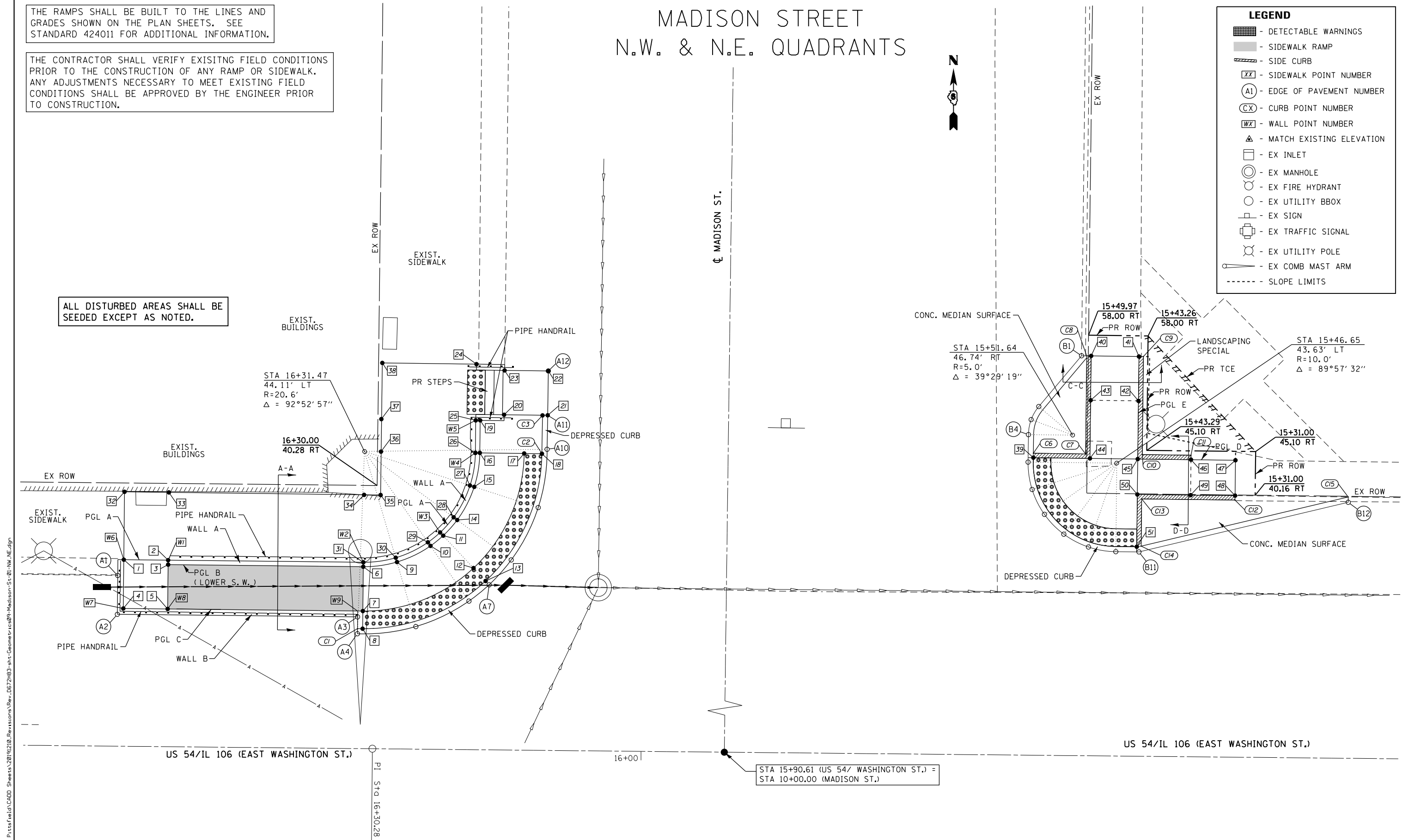
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

MADISON STREET N.W. & N.E. QUADRANTS



LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- WALL POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS



STA 15+90.61 (US 54/ WASHINGTON ST.) =
STA 10+00.00 (MADISON ST.)

REV. 1-7-2020

MADISON STREET
SHEET 1 OF 7

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 = cds	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
MADISON STREET /N.W. & N.E. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	92
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=5' SHEET 9 OF 46 SHEETS STA. 16+69.00 TO STA. 15+20.00

**SIDEWALK ELEVATIONS
N.W. QUADRANT**

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
1	16+58.48	31.63' RT	736.56 ▲
2	16+53.48	31.63' RT	736.57
3	16+53.48	31.13' RT	736.56
4	16+58.48	26.13' RT	736.54
5	16+53.48	26.13' RT	736.49
6	16+31.48	31.11' RT	735.06
7	16+31.48	26.11' RT	734.99
8	16+31.49	24.11' RT	734.96
9	16+27.69	31.68' RT	734.99
10	16+23.92	33.53' RT	734.92
11	16+22.50	34.70' RT	734.89
12	16+19.05	31.08' RT	734.80
13	16+17.67	29.63' RT	734.77
14	16+20.94	36.48' RT	734.93
15	16+19.06	40.23' RT	735.01
16	16+18.47	44.07' RT	735.08
17	16+13.47	44.06' RT	735.05
18	16+11.47	44.05' RT	735.04
19	16+18.45	47.74' RT	735.26
20	16+15.77	48.40' RT	735.25
21	16+10.85	48.38' RT	735.19
22	16+10.84	53.38' RT	735.27
23	16+15.76	53.40' RT	735.35
24	16+18.94	51.07' RT	737.04 ▲
25	16+18.95	47.74' RT	736.91
26	16+18.97	44.07' RT	736.73
27	16+19.54	40.38' RT	737.69
28	16+21.35	36.78' RT	737.65
29	16+24.21	33.93' RT	736.64
30	16+27.83	32.15' RT	737.65
31	16+31.48	31.61' RT	736.67
32	16+58.47	39.24' RT	736.69 ▲
33	16+53.47	39.27' RT	736.69 ▲
34	16+31.47	39.21' RT	736.75 ▲
35	16+29.60	39.21' RT	736.75 ▲
36	16+29.61	44.11' RT	736.86
37	16+29.60	47.77' RT	736.94
38	16+29.56	54.11' RT	737.10 ▲

MADISON STREET
N.W. & N.E. QUADRANTS
POINT LOCATIONS

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 /WASHINGTON ST. – MADISON ST.**

POINT	US 54/WASHINGTON ST.		MADISON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	16+59.15	29.85' RT	10+29.63	68.64' LT	734.74
A2*	16+59.15	25.46' RT	10+25.25	68.63' LT	734.91
A3*	16+32.07	25.44' RT	10+25.31	41.54' LT	734.98
A4	16+32.07	23.54' RT	10+23.41	41.54' LT	734.92
A5	16+25.48	24.42' RT	10+24.31	34.95' LT	734.89
A6	16+19.52	27.35' RT	10+27.26	29.00' LT	734.78
A7	16+17.27	29.21' RT	10+29.12	26.76' LT	734.73
A8	16+14.80	32.03' RT	10+31.95	24.30' LT	734.79
A9	16+11.82	37.97' RT	10+37.90	21.34' LT	734.89
A10	16+10.89	44.55' RT	10+44.48	20.42' LT	735.00
A11	16+10.85	48.38' RT	10+48.32	20.40' LT	735.19
A12	16+10.84	53.38' RT	10+53.32	20.40' LT	735.27

* CONTRACTOR SHALL WARP PAVEMENT TO DRAIN BETWEEN POINTS

**CURB ELEVATIONS – N.W./N.E. QUADRANT
US 54 /WASHINGTON ST. – MADISON ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	734.96	0"
C2	735.00	0"
C3	735.19	0"
C4	735.20	6"
C5	735.32	6"
C6	735.04 ▲	0"
C7	735.13	0"
C8	735.10	6"
C9	734.68	0"
C10	734.65	0"
C11	735.04	6"
C12	734.95	6"
C13	734.67 ▲	6"

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
39	15+56.06	44.14' RT	734.74
40	15+49.65	55.68' RT	735.04 ▲
41	15+44.27	55.67' RT	735.13 ▲
42	15+44.27	50.67' RT	734.98
43	15+49.66	50.68' RT	734.94
44	15+49.68	44.13' RT	734.82
45	15+44.29	44.11' RT	734.60
46	15+38.29	44.10' RT	734.68
47	15+33.26	44.08' RT	734.74 ▲
48	15+33.27	40.08' RT	734.65 ▲
49	15+38.29	40.10' RT	734.60
50	15+44.29	40.11' RT	734.54
51	15+44.30	34.21' RT	734.45

**TOP OF WALL ELEVATIONS – N.W. QUADRANT
US 54 /WASHINGTON ST. – MADISON ST.**

POINT	US 54/WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION
	STATION	OFFSET	STATION	OFFSET	
W1	16+53.48	31.63' RT	10+31.43	62.97' LT	736.57
W2	16+31.48	31.61' RT	10+31.48	40.97' LT	736.67
W3	16+22.85	35.06' RT	10+34.96	32.35' LT	736.63
W4	16+18.97	44.07' RT	10+43.98	28.50' LT	736.73
W5	16+18.95	47.74' RT	10+47.65	28.50' LT	736.91
W6	16+58.48	31.63' RT	10+31.42	67.97' LT	737.06
W7	16+58.48	26.13' RT	10+25.92	67.96' LT	737.04
W8	16+53.48	26.13' RT	10+25.93	62.96' LT	736.99
W9	16+32.08	26.11' RT	10+25.98	41.54' LT	735.53

**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 /WASHINGTON ST. – MADISON ST.**

POINT	US 54/WASHINGTON ST.		MADISON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	15+50.74	55.68' RT	10+55.81	39.69' RT	734.86 ▲
B2	15+55.50	49.92' RT	10+50.03	34.95' RT	734.78
B3	15+56.35	48.43' RT	10+48.54	31.10' RT	734.76
B4	15+56.64	46.74' RT	10+46.85	33.81' RT	734.74
B5	15+56.65	43.64' RT	10+43.75	33.82' RT	734.69
B6	15+56.16	40.56' RT	10+40.66	34.32' RT	734.64
B7	15+54.75	37.77' RT	10+37.88	35.74' RT	734.60
B8	15+52.54	35.55' RT	10+35.67	37.96' RT	734.55
B9	15+49.75	34.13' RT	10+34.26	40.74' RT	734.50
B10	15+46.67	33.63' RT	10+33.77	43.83' RT	734.45
B11	15+44.05	33.63' RT	10+33.78	44.45' RT	734.41
B12	15+20.52	39.47' RT	10+39.69	69.96' RT	734.17 ▲

MADISON STREET CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
10+12.60	20.40' LT	735.18 ▲	0.59%	☐	735.06	-0.63%	30.30' RT	734.87 ▲
10+23.50	20.40' LT	734.88 *	-1.50%	☐	735.19	-1.72%	30.30' RT	734.67 ▲
10+28.88	20.40' LT	734.80 *	-1.67%	☐	735.14	-1.65%	30.30' RT	734.64 ▲
10+35.00	20.40' LT	734.86 *	-2.25%	☐	735.32	-2.12%	30.30' RT	734.68 ▲
10+50.00	20.40' LT	735.22 *	-2.00%	☐	735.63	-2.50%	30.30' RT	734.87 ▲
10+75.00	25.30' LT	735.79 *	-1.30%	☐	736.12	-	-	-
10+96.00	25.30' LT	736.10 ▲	-1.26%	☐	736.42	-2.71%	30.30' RT	735.60 ▲

• - TRANSITION CONTROL
▲ - MATCH EXISTING ELEVATION

**N.W. QUADRANT
US 54 /WASHINGTON ST. CL & EOP ELEVATIONS**

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
15+90.61	☐	735.27 ▲	-1.68%	12.50' RT	735.06 ▲	0.79%	23.50' RT	735.19 ▲
16+11.00	☐	735.37 ▲	-1.51%	12.50' RT	735.18 ▲	-2.79%	23.50' RT	734.88 *
16+68.00	☐	735.65 ▲	-1.66%	12.50' RT	735.43 ▲	-4.14%	23.50' RT	735.00 ▲

• - TRANSITION CONTROL
▲ - MATCH EXISTING ELEVATION

**N.E. QUADRANT
US 54 /WASHINGTON ST. CL & EOP ELEVATIONS**

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
15+20.50	☐	734.77 ▲	-1.76%	12.50' RT	734.55 ▲	4.00%	29.00' RT	733.89 ▲	2.39%	33.60' RT	734.00 ▲
15+44.00	☐	734.95 ▲	-1.68%	12.50' RT	734.74 ▲	2.48%	29.00' RT	734.33	1.74%	33.60' RT	734.41 *
15+60.00	☐	735.08 ▲	-1.68%	12.50' RT	734.87 ▲	1.39%	29.00' RT	734.64 *	0.65%	33.60' RT	734.67 ▲
15+90.61	☐	735.27 ▲	-1.68%	12.50' RT	735.06 ▲	0.79%	29.00' RT	735.14 ▲	3.26%	33.60' RT	735.29 ▲

• - TRANSITION CONTROL
▲ - MATCH EXISTING ELEVATION

REV. 1-7-2020

MADISON STREET
SHEET 2 OF 7

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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

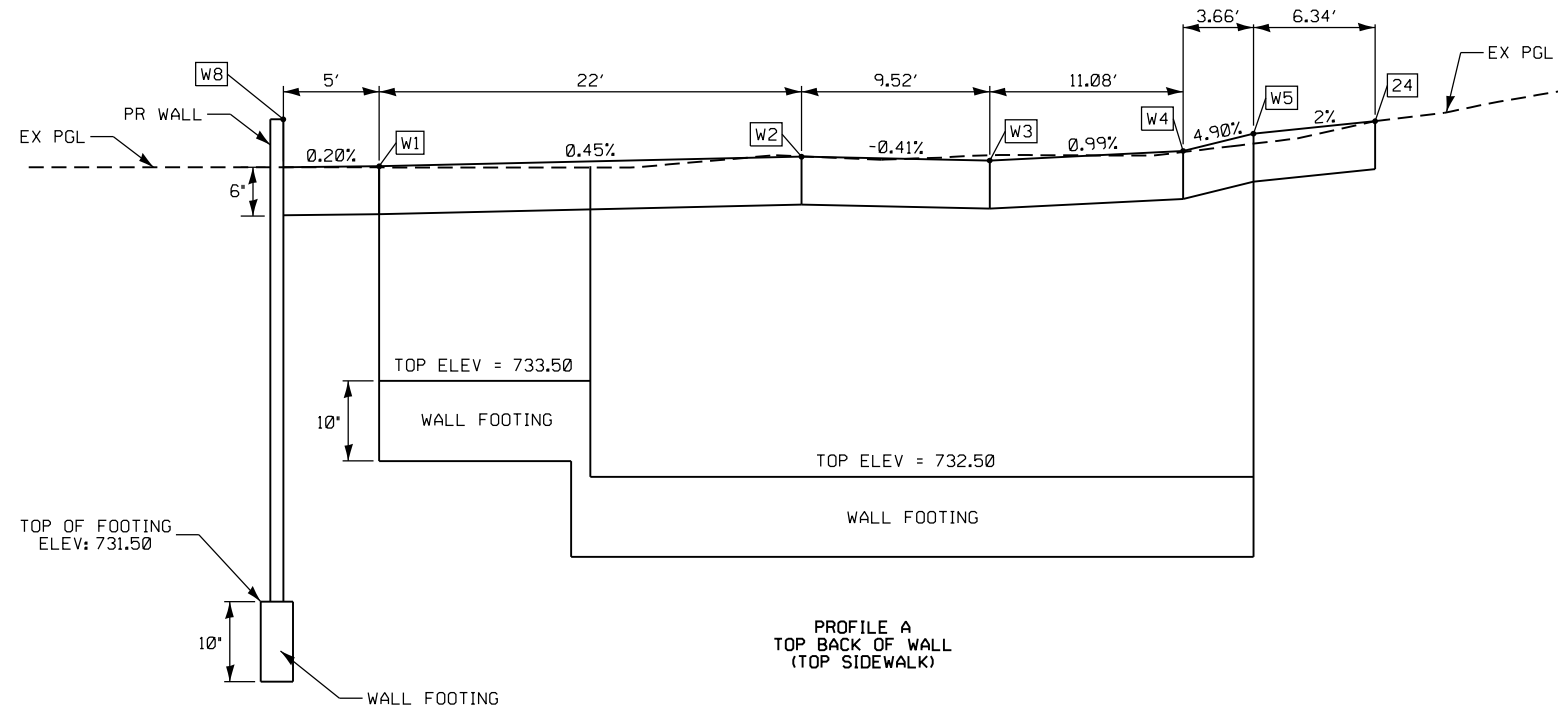
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

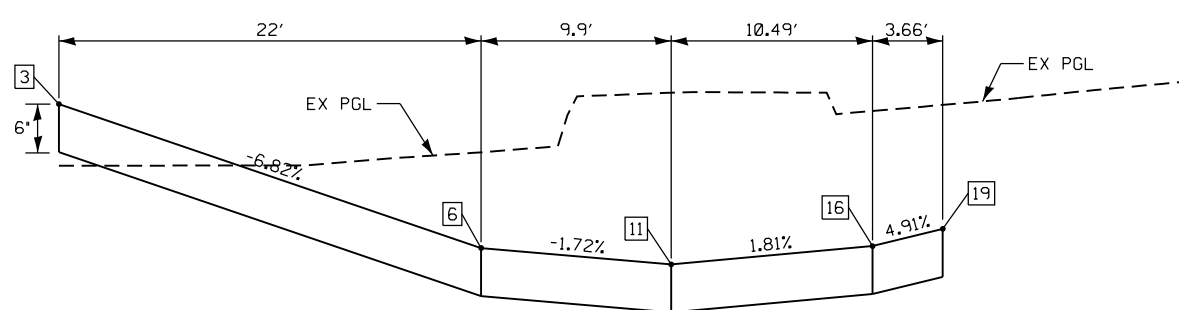
GEOMETRIC DETAILS	
MADISON STREET /N.W. & N.E. QUADRANTS US 54 /IL 106 (EAST WASHINGTON ST.)	
SCALE: 1"=5'	SHEET 10 OF 46 SHEETS STA. 16+69.00 TO STA. 15+20.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	93
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

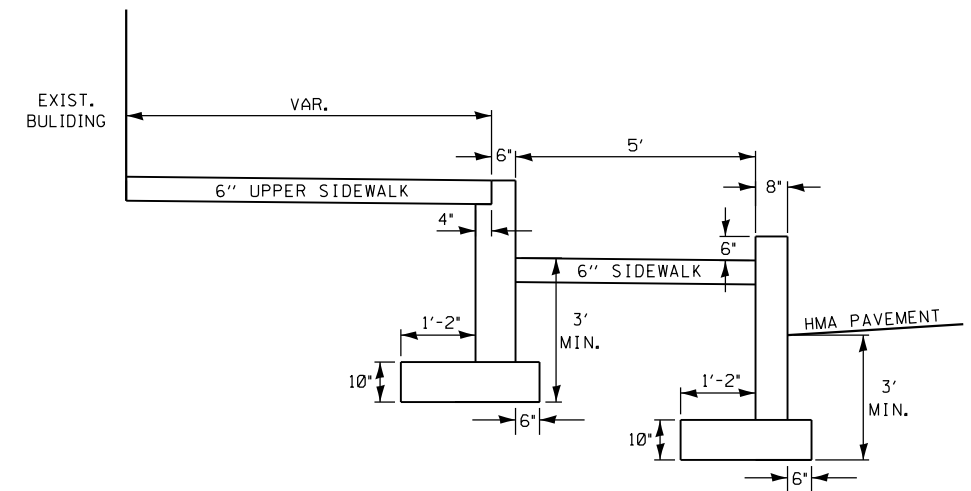
MADISON STREET N.W. QUADRANT PROFILES AND TYPICAL SECTION



PROFILE A
TOP BACK OF WALL
(TOP SIDEWALK)



PROFILE B
ALONG FRONT OF BACK WALL
(BACK OF LOWER SIDEWALK)



SECTION A-A
(SEE RETAINING WALL SHEETS FOR WALL DETAILS)

REV. 1-7-2020

MADISON STREET
SHEET 3 OF 7

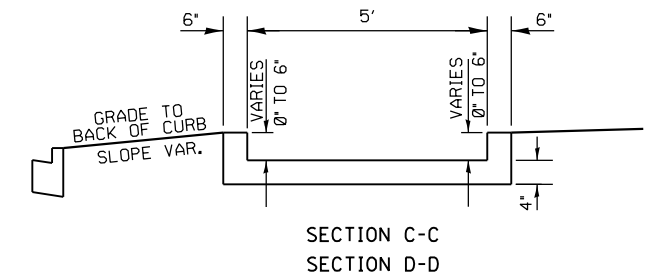
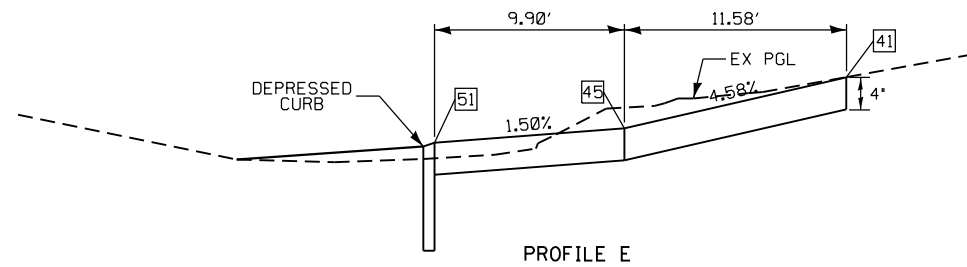
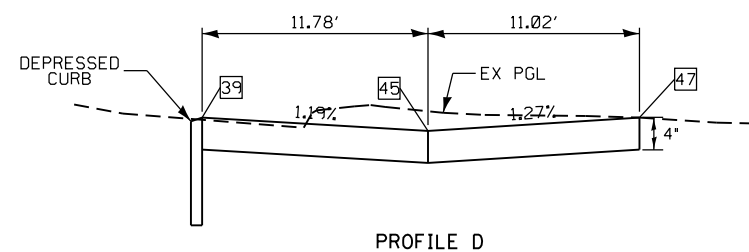
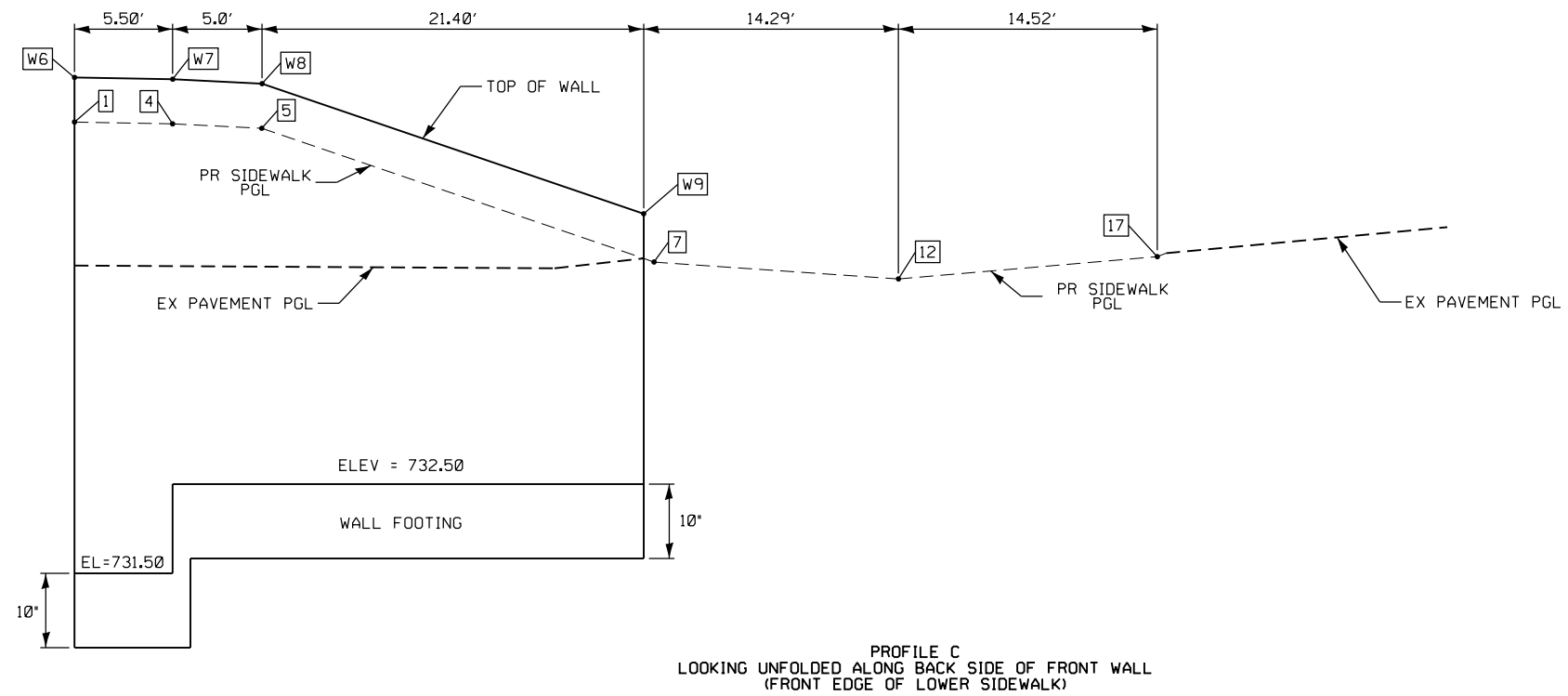
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

GEOMETRIC DETAILS MADISON STREET /N.W. QUADRANT US 54 /IL 106 (EAST WASHINGTON ST.)			
SCALE: 1"=5'	SHEET 11 OF 46 SHEETS	STA. 16+69.00 TO STA. 15+20.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	94
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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MADISON STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



REV. 1-7-2020

MADISON STREET
SHEET 4 OF 7

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

USER NAME = cds	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/20/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
MADISON STREET /N.W. & N.E. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=5' SHEET 12 OF 46 SHEETS STA. 16+69.00 TO STA. 15+20.00

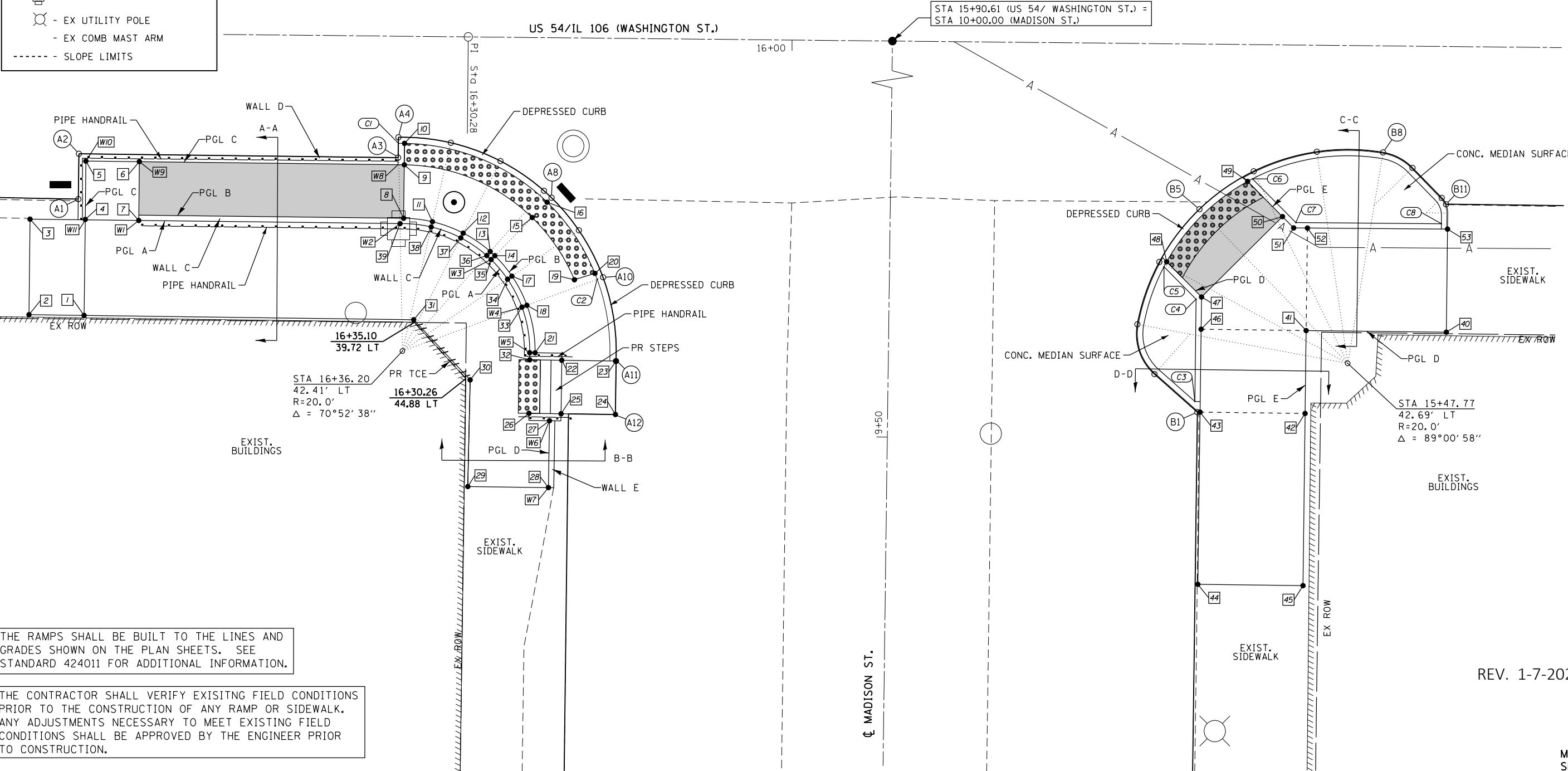
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	95
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

MADISON STREET S.W. & S.E. QUADRANTS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- WALL POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



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

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REV. 1-7-2020

MADISON STREET
SHEET 5 OF 7

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 = cds	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
MADISON STREET / S.W. & S.E. QUADRANTS
US 54 / IL 106 (EAST WASHINGTON ST.)

SCALE: 1"=5' SHEET 13 OF 46 SHEETS STA. 15+30.00 TO STA. 16+73.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) R5-8, ADA	PIKE	181	96
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

MADISON STREET S.W. & S.E. QUADRANTS POINT LOCATIONS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
1	16+65.99	39.37' LT	736.88 ▲
2	16+71.16	39.35' LT	736.95 ▲
3	16+71.14	30.42' LT	736.69 ▲
4	16+65.98	30.43' LT	736.76
5	16+65.97	24.93' LT	736.68
6	16+60.97	24.94' LT	736.67
7	16+60.98	30.44' LT	736.75
8	16+36.20	29.99' LT	735.10
9	16+36.19	24.99' LT	735.07
10	16+36.18	22.99' LT	735.06
11	16+33.50	30.29' LT	735.06
12	16+30.61	31.32' LT	735.01
13	16+28.07	33.02' LT	734.97
14	16+27.60	33.45' LT	734.96
15	16+24.14	29.84' LT	734.87
16	16+22.76	28.39' LT	734.80
17	16+26.02	35.30' LT	735.00
18	16+24.59	38.01' LT	735.05
19	16+20.17	35.59' LT	734.98
20	16+18.27	34.95' LT	734.95
21	16+23.78	42.45' LT	735.12
22	16+21.29	43.12' LT	735.11
23	16+16.20	43.14' LT	735.08
24	16+16.22	48.14' LT	735.12
25	16+21.30	48.12' LT	735.15
26	16+24.30	48.11' LT	736.72
27	16+22.37	48.79' LT	736.71
28	16+22.42	55.04' LT	736.64 ▲
29	16+29.95	55.02' LT	736.75 ▲
30	16+29.83	45.04' LT	736.75
31	16+35.17	39.46' LT	736.78
32	16+24.29	45.11' LT	736.70
33	16+25.06	38.18' LT	736.66
34	16+26.43	35.58' LT	736.65
35	16+27.95	33.81' LT	736.64
36	16+28.40	33.40' LT	736.64
37	16+30.84	31.76' LT	736.65
38	16+33.61	30.77' LT	736.67
39	16+36.53	30.49' LT	736.68

EDGE OF PAVEMENT ELEVATIONS – S.W. QUADRANT US 54 /WASHINGTON ST. – MADISON ST.

POINT	US 54/WASHINGTON ST.		MADISON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	16+66.64	28.49' LT	9+71.27	75.95' LT	735.00
A2	16+66.63	24.26' LT	9+75.50	75.95' LT	735.11
A3	16+36.77	24.32' LT	9+75.54	46.09' LT	735.10
A4	16+36.76	22.41' LT	9+77.44	46.09' LT	735.02
A5	16+31.85	22.88' LT	9+76.99	41.18' LT	734.98
A6	16+27.21	24.54' LT	9+75.34	36.52' LT	734.90
A7	16+23.10	27.29' LT	9+72.61	32.41' LT	734.83
A8	16+22.35	27.97' LT	9+71.93	31.66' LT	734.80
A9	16+19.80	30.96' LT	9+68.95	29.10' LT	734.85
A10	16+17.50	35.32' LT	9+64.59	26.78' LT	734.92
A11	16+16.20	43.14' LT	9+56.78	25.46' LT	735.08
A12	16+16.22	48.14' LT	9+51.78	25.46' LT	735.12

EDGE OF PAVEMENT ELEVATIONS – S.E. QUADRANT US 54 /WASHINGTON ST. – MADISON ST.

POINT	US 54/WASHINGTON ST.		MADISON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	15+61.79	47.38' LT	9+52.71	28.97' RT	734.65
B2	15+65.83	43.87' LT	9+56.21	24.91' RT	734.62
B3	15+67.47	39.23' LT	9+60.84	23.26' RT	734.60
B4	15+65.48	33.38' LT	9+66.70	25.24' RT	734.57
B5	15+61.78	28.41' LT	9+71.68	28.91' RT	734.54
B6	15+56.75	24.81' LT	9+75.30	33.94' RT	734.50
B7	15+50.85	22.93' LT	9+77.20	39.83' RT	734.47
B8	15+44.66	22.93' LT	9+77.21	46.02' RT	734.44
B9	15+41.89	24.35' LT	9+75.81	48.79' RT	734.34
B10	15+39.13	27.12' LT	9+73.04	51.56' RT	734.21
B11	15+38.73	27.71' LT	9+72.45	51.97' RT	734.19

S.W. & S.E. QUADRANT US 54 /WASHINGTON ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
15+30.00	℄	734.84 ▲	-1.22%	11.50' LT	734.70 ▲	-3.21%	22.40' LT	734.35 ▲
*15+48.00	℄	734.99 ▲	-1.22%	11.50' LT	734.85 ▲	-3.58%	22.40' LT	734.46 *
15+68.00	℄	735.14 ▲	-1.13%	11.50' LT	735.01 ▲	-1.93%	22.40' LT	734.80 ▲
15+91.00	℄	735.27 ▲	-1.22%	11.50' LT	735.13 ▲	-0.92%	22.40' LT	735.03 ▲
*16+17.50	℄	735.40 ▲	-1.13%	11.50' LT	735.27 ▲	-3.49%	22.40' LT	734.89 *
16+37.00	℄	735.50 ▲	-1.22%	11.50' LT	735.36 ▲	-3.12%	22.40' LT	735.02 ▲

- - TRANSITION CONTROL
- ▲ - MATCH EXISTING ELEVATION

S.W. QUADRANT MADISON ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+45.00	℄	735.17 ▲	1.16%	9.50' LT	735.28	-3.65%	29.80' LT	734.54 ▲
9+65.00	℄	735.04 ▲	0.95%	9.50' LT	735.13	-1.21%	26.80' LT	734.92 *
9+72.00	℄	734.99 ▲	0.53%	9.50' LT	735.04	-1.10%	26.80' LT	734.85 *
9+77.60	℄	735.03 ▲	0.53%	9.50' LT	734.98	-0.52%	26.80' LT	734.89

- - TRANSITION CONTROL
- ▲ - MATCH EXISTING ELEVATION

S.E. QUADRANT MADISON ST. CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+45.00	℄	735.17 ▲	-0.51%	9.75' RT	735.12 ▲	-2.09%	23.1' RT	734.84 ▲
9+61.00	℄	735.06 ▲	-0.62%	9.75' RT	735.00 ▲	-2.92%	23.1' RT	734.61 *
9+72.00	℄	734.99 ▲	-0.82%	9.75' RT	734.91 ▲	-2.32%	23.1' RT	734.60 *
9+77.60	℄	735.03 ▲	-0.51%	9.75' RT	734.98 ▲	-1.35%	23.1' RT	734.80 ▲

- - TRANSITION CONTROL
- ▲ - MATCH EXISTING ELEVATION

SIDEWALK ELEVATIONS S.E. QUADRANT

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
40	15+38.58	39.69' LT	735.50
41	15+51.69	39.66' LT	735.12
42	15+51.71	47.41' LT	735.51
43	15+61.54	47.38' LT	735.36
44	15+61.59	63.49' LT	735.38
45	15+61.59	63.51' LT	735.41
46	15+61.52	39.63' LT	735.00
47	15+61.51	36.62' LT	734.96
48	15+64.80	33.36' LT	734.61
49	15+57.31	25.77' LT	734.55
50	15+54.01	29.03' LT	734.92
51	15+52.95	30.07' LT	734.94
52	15+51.66	30.07' LT	734.96
53	15+38.56	30.04' LT	735.27

CURB ELEVATIONS – S.W./S.E. QUADRANT US 54 /WASHINGTON ST – MADISON ST.

POINT	ELEVATION	CURB HEIGHT
C1	735.06	0"
C2	734.96	0"
C3	735.36	0"
C4	735.46	6"
C5	735.07	6"
C6	735.00	6"
C7	735.44	6"
C8	735.27	0"

TOP OF WALL ELEVATIONS – S.W. QUADRANT US 54 /WASHINGTON ST. – MADISON ST.

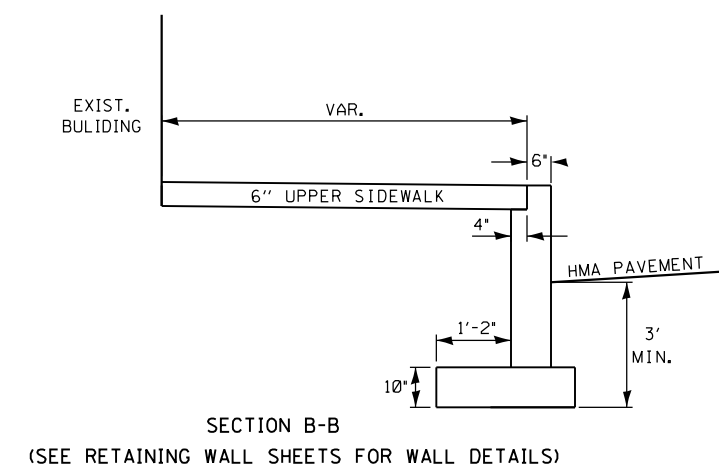
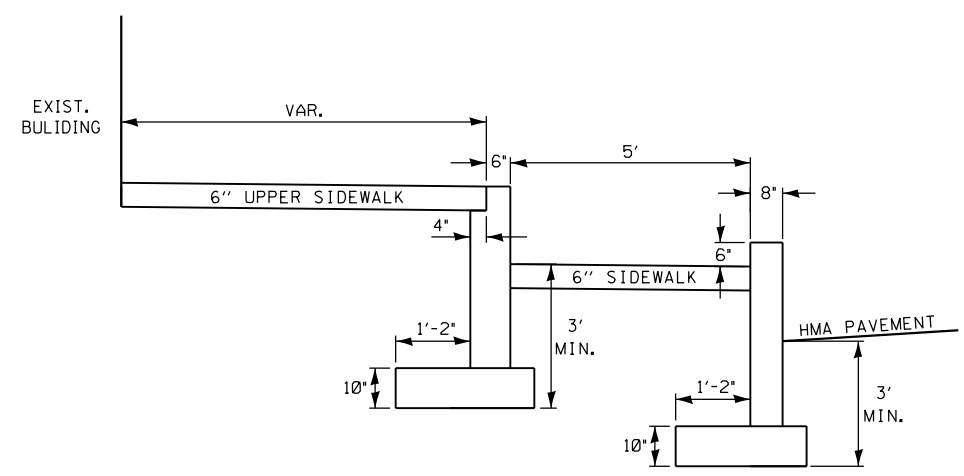
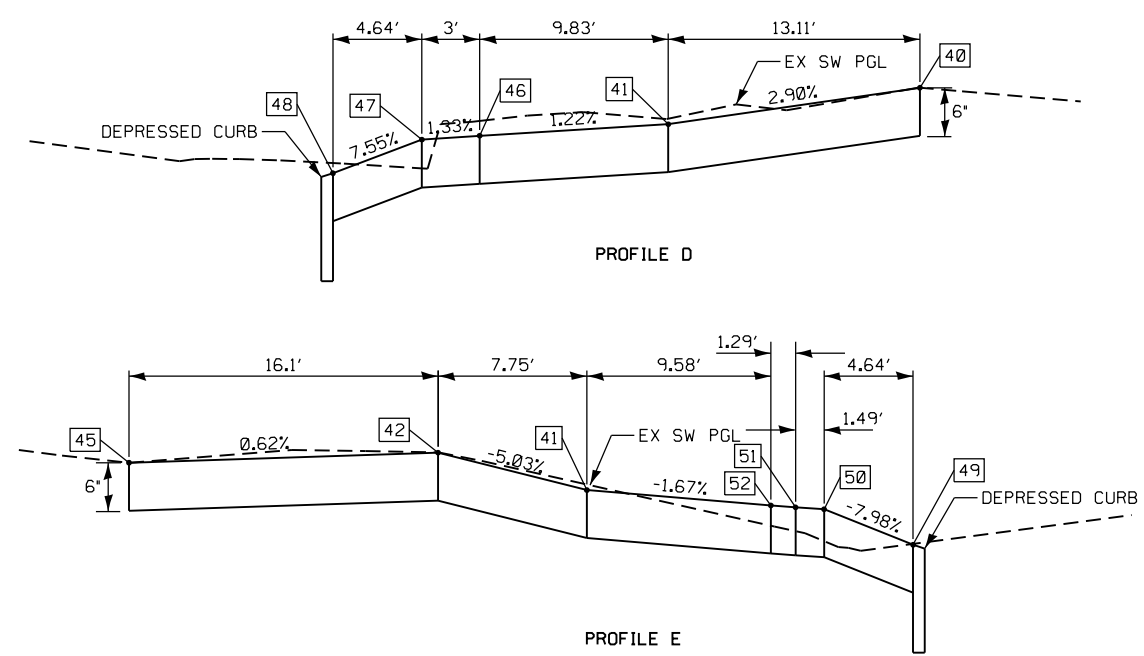
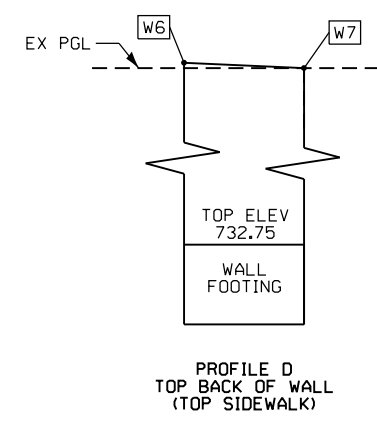
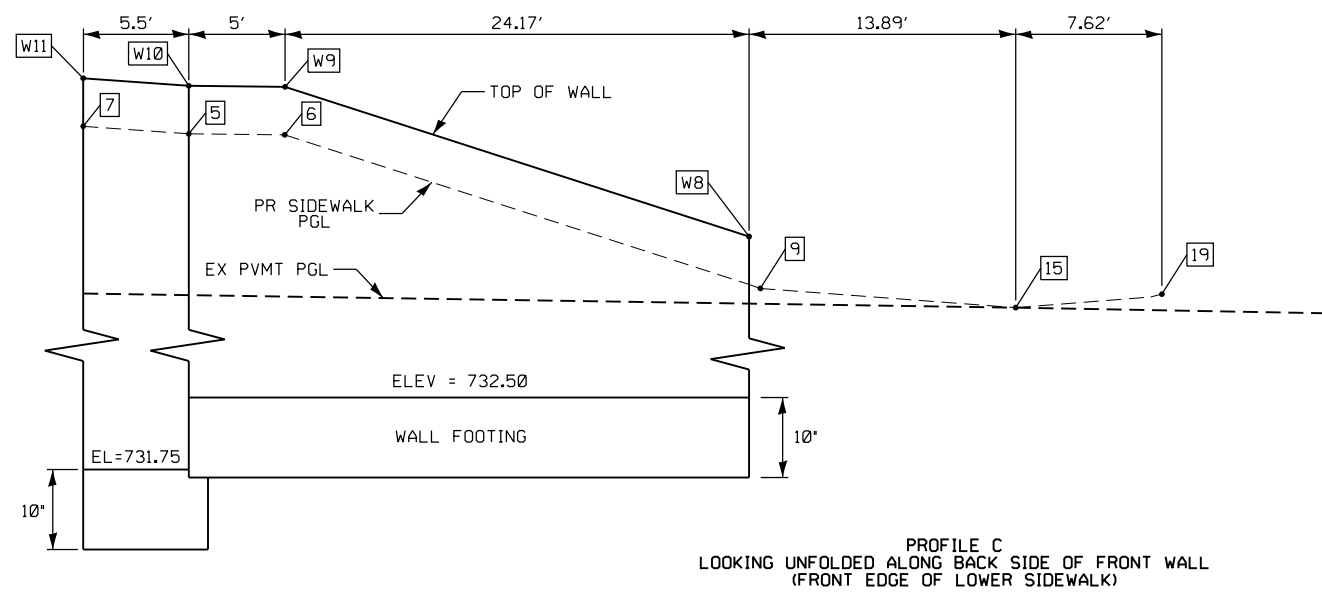
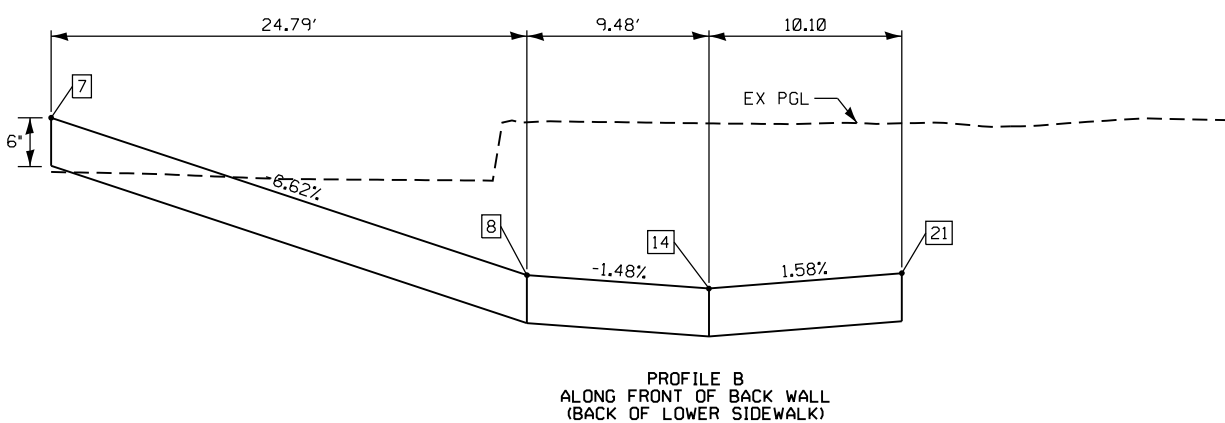
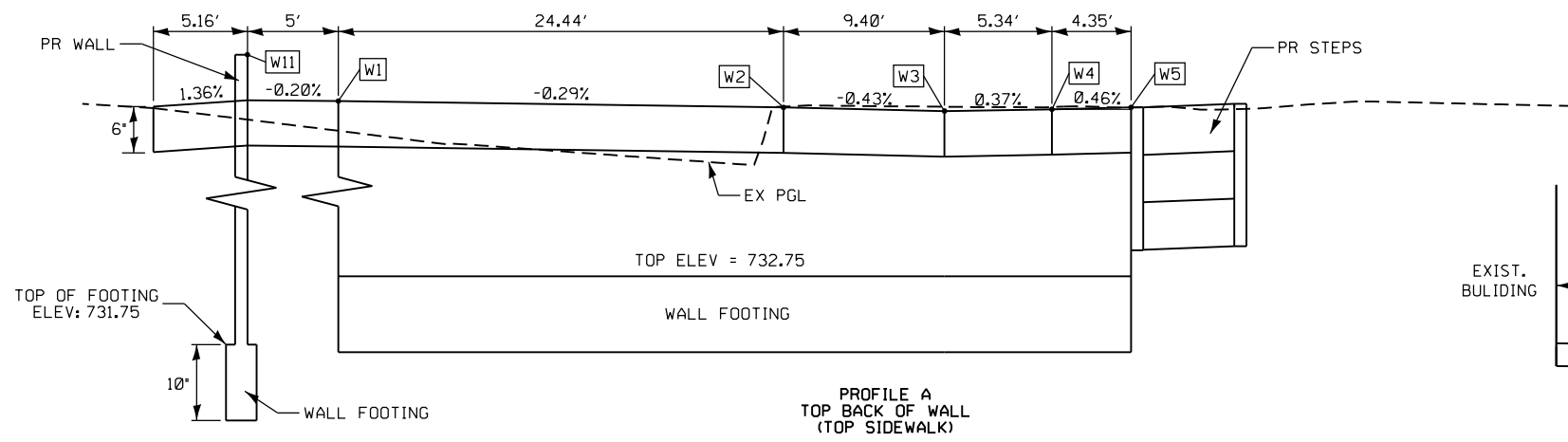
POINT	US 54/WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION
	STATION	OFFSET	STATION	OFFSET	
W1	16+60.98	30.43' LT	9+69.34	70.28' LT	736.75
W2	16+36.53	30.49' LT	9+69.37	45.83' LT	736.68
W3	16+27.95	33.81' LT	9+66.08	37.24' LT	736.64
W4	16+25.06	38.18' LT	9+61.71	34.33' LT	736.66
W5	16+24.28	42.44' LT	9+57.45	33.54' LT	736.68
W6	16+22.37	48.79' LT	9+51.11	31.61' LT	736.71
W7	16+22.42	55.04' LT	9+44.86	31.64' LT	736.64 ▲
W8	16+36.78	24.99' LT	9+74.87	46.09' LT	735.61
W9	16+60.97	24.94' LT	9+74.84	70.28' LT	737.17
W10	16+65.97	24.93' LT	9+74.83	75.28' LT	737.18
W11	16+65.98	30.43' LT	9+69.33	75.28' LT	737.26

REV. 1-7-2020

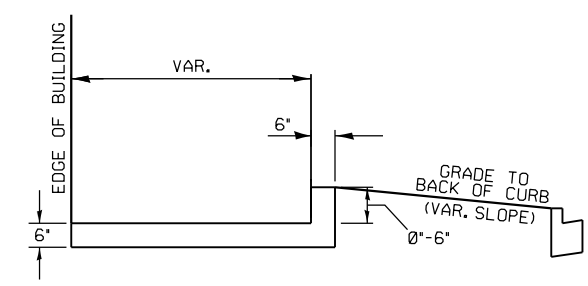
MADISON STREET
SHEET 6 OF 7

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MADISON STREET S.W. & S.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



SECTION A-A
(SEE RETAINING WALL SHEETS FOR WALL DETAILS)



SECTION C-C
SECTION D-D

REV. 1-7-2020

MADISON STREET
SHEET 7 OF 7

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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 = cds	DESIGNED - _____	REVISED - _____
PLOT SCALE = 10.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/20/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
MADISON STREET /S.W. & S.E. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=5' SHEET 15 OF 46 SHEETS STA. 15+30.00 TO STA. 16+73.00

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 98
CONTRACT NO. 72H83				
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.

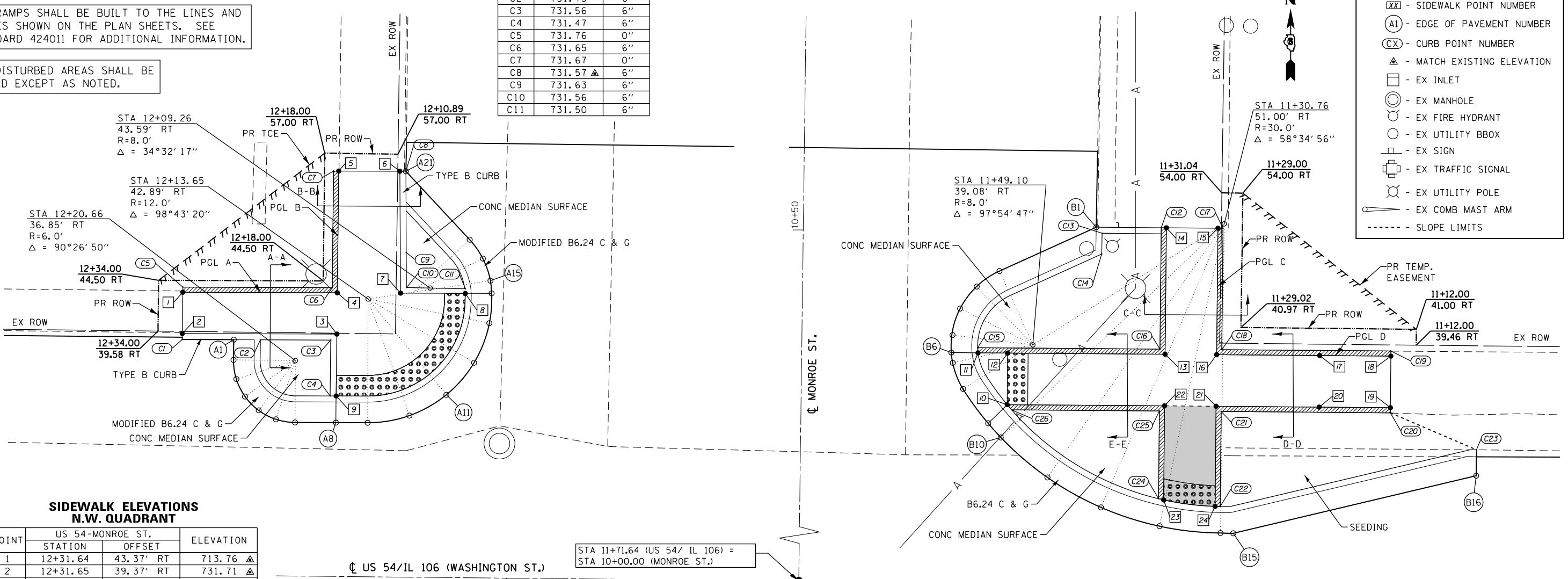
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424011 FOR ADDITIONAL INFORMATION.

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

**CURB ELEVATIONS – N.W. QUADRANT
US 54 / IL 106 – MONROE ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	731.71	6"
C2	731.75	6"
C3	731.56	6"
C4	731.47	6"
C5	731.76	0"
C6	731.65	6"
C7	731.67	0"
C8	731.57	6"
C9	731.63	6"
C10	731.56	6"
C11	731.50	6"

**MONROE STREET
N.W. & N.E. QUADRANTS**



LEGEND

- [Pattern] - DETECTABLE WARNINGS
- [Pattern] - SIDEWALK RAMP
- [Symbol] - SIDE CURB
- [Symbol] - SIDEWALK POINT NUMBER
- [Symbol] - EDGE OF PAVEMENT NUMBER
- [Symbol] - CURB POINT NUMBER
- [Symbol] - MATCH EXISTING ELEVATION
- [Symbol] - EX INLET
- [Symbol] - EX MANHOLE
- [Symbol] - EX FIRE HYDRANT
- [Symbol] - EX UTILITY BBOX
- [Symbol] - EX SIGN
- [Symbol] - EX TRAFFIC SIGNAL
- [Symbol] - EX UTILITY POLE
- [Symbol] - EX COMB MAST ARM
- [Symbol] - SLOPE LIMITS

**SIDEWALK ELEVATIONS
N.W. QUADRANT**

POINT	US 54-MONROE ST.		ELEVATION
	STATION	OFFSET	
1	12+31.64	43.37' RT	713.76
2	12+31.65	39.37' RT	731.71
3	12+16.65	39.46' RT	731.06
4	12+16.64	43.46' RT	731.12
5	12+62.62	55.27' RT	731.67
6	12+10.70	55.31' RT	731.57
7	12+10.51	43.49' RT	731.06
8	12+04.23	43.53' RT	730.96
9	12+16.66	33.46' RT	730.97

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 / IL 106 – MONROE ST.**

POINT	US 54/IL 106		MONROE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	12+26.65	38.81' RT	10+38.64	55.13' LT	731.21
A2	12+26.66	36.86' RT	10+36.69	55.13' LT	731.17
A3	12+26.36	35.00' RT	10+34.83	54.83' LT	731.13
A4	12+25.51	33.72' RT	10+33.15	53.97' LT	731.09
A5	12+24.17	31.99' RT	10+31.82	52.63' LT	731.05
A6	12+22.49	31.14' RT	10+30.98	50.94' LT	731.01
A7	12+20.62	30.85' RT	10+30.70	49.08' LT	730.97
A8	12+16.67	30.87' RT	10+30.73	45.12' LT	730.89
A9	12+13.58	30.89' RT	10+30.76	42.03' LT	730.87
A10	12+09.53	31.62' RT	10+31.50	37.99' LT	730.85
A11	12+05.97	33.68' RT	10+33.57	34.43' LT	730.83
A12	12+03.31	36.81' RT	10+36.71	31.78' LT	730.86
A13	12+01.86	40.66' RT	10+40.57	30.35' LT	730.90
A14	12+01.67	43.55' RT	10+43.45	30.16' LT	730.92
A15	12+01.80	44.78' RT	10+44.69	30.30' LT	730.94
A16	12+02.55	46.91' RT	10+46.82	31.06' LT	730.97
A17	12+03.85	48.74' RT	10+48.64	32.37' LT	731.01
A18	12+10.12	55.31' RT	10+55.19	38.65' LT	731.15

**CURB ELEVATIONS
N.E. QUADRANT
US 54 / IL 106 – MONROE ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C12	731.88	0"
C13	731.39	6"
C14	731.39	6"
C15	731.23	6"
C16	731.50	6"
C17	731.97	0"
C18	731.82	9"
C19	731.69	0"
C20	731.50	0"
C21	731.50	6"
C22	730.81	6"
C23	730.06	6"
C24	730.89	6"
C25	731.43	6"
C26	731.20	6"

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-MONROE ST.		ELEVATION
	STATION	OFFSET	
10	11+51.53	33.26' RT	730.70
11	11+54.41	38.25' RT	730.73
12	11+51.54	38.26' RT	730.77
13	11+36.25	38.28' RT	731.00
14	11+36.25	50.56' RT	731.88
15	11+31.38	50.57' RT	731.97
16	11+31.35	38.29' RT	731.07
17	11+21.35	38.34' RT	731.43
18	11+14.44	38.37' RT	731.69
19	11+14.42	33.37' RT	731.50
20	11+21.34	33.34' RT	731.36
21	11+31.34	33.29' RT	731.00
22	11+36.25	33.28' RT	730.93
23	11+36.26	24.16' RT	730.39
24	11+31.32	23.59' RT	730.31

**N.E. QUADRANT
MONROE ST & EOP ELEVATIONS**

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
10+21.00	CL	731.12	-0.78%	10.20' RT	731.04
10+28.00	CL	731.18	-2.65%	10.20' RT	730.91
10+38.00	CL	731.34	-3.88%	10.20' RT	730.96
10+50.00	CL	731.51	-0.38%	10.20' RT	731.51

▲ - TRANSITION CONTROL
△ - MATCH EXISTING ELEVATION

**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 / IL 106 – MONROE ST.**

POINT	US 54/IL 106		MONROE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	11+43.06	50.55' RT	10+50.64	28.43' RT	730.89
B2	11+52.41	46.20' RT	10+46.26	19.09' RT	730.84
B3	11+54.61	44.68' RT	10+44.74	16.89' RT	730.83
B4	11+56.19	42.52' RT	10+42.57	15.32' RT	730.81
B5	11+56.97	39.95' RT	10+40.00	14.54' RT	730.80
B6	11+57.01	38.25' RT	10+38.29	14.52' RT	730.79
B7	11+56.85	37.25' RT	10+37.30	14.67' RT	730.79
B8	11+55.84	34.73' RT	10+34.78	15.70' RT	730.77
B9	11+53.36	31.42' RT	10+31.48	18.18' RT	730.76
B10	11+52.12	30.07' RT	10+30.13	19.43' RT	730.75
B11	11+47.56	26.23' RT	10+26.30	24.00' RT	730.65
B12	11+42.33	23.37' RT	10+23.46	29.24' RT	730.56
B13	11+36.64	21.60' RT	10+21.71	34.94' RT	730.46
B14	11+30.76	21.00' RT	10+21.13	40.87' RT	730.37
B15	11+29.52	21.00' RT	10+21.13	42.11' RT	730.35
B16	11+06.02	26.88' RT	10+27.02	65.61' RT	729.86

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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 4TH ST. QUINCY, ILLINOIS 62301-2123-3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

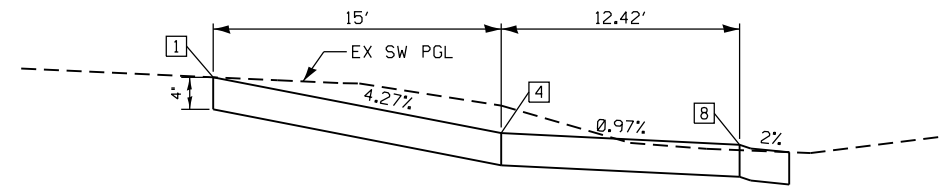
USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

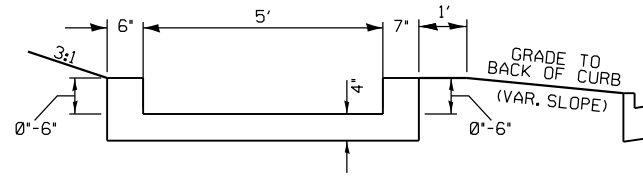
GEOMETRIC DETAILS
 MONROE STREET / N.W. & N.E. QUADRANTS
 US 54 / IL 106 (EAST WASHINGTON ST.)
 SCALE: 1"=5' SHEET 16 OF 46 SHEETS STA. 12+28.00 TO STA. 11+06.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) R5-8, ADA	PIKE	181	99
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

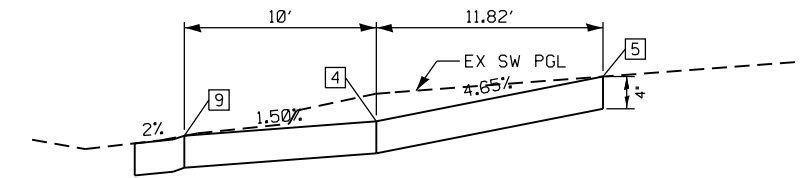
MONROE STREET N.W. QUADRANT PROFILES AND TYPICAL SECTIONS



PROFILE A

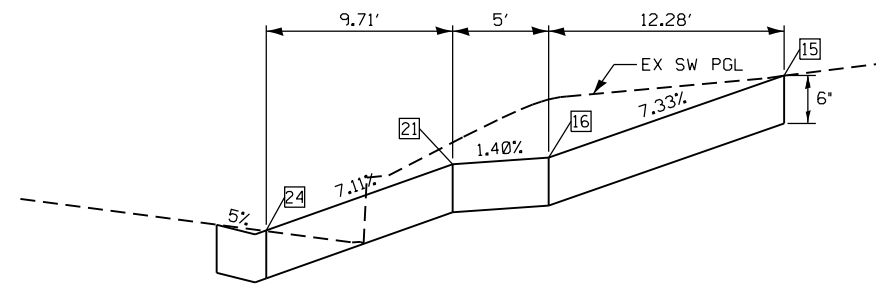


SECTION A-A
SECTION B-B

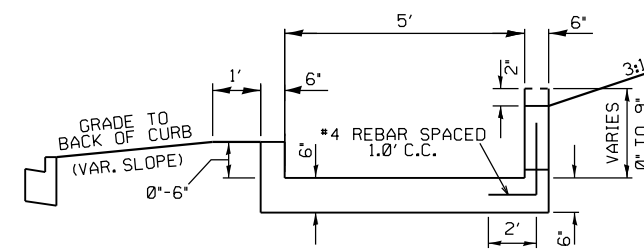


PROFILE B

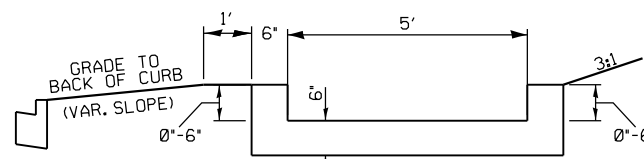
MONROE STREET N.E. QUADRANT PROFILES AND TYPICAL SECTIONS



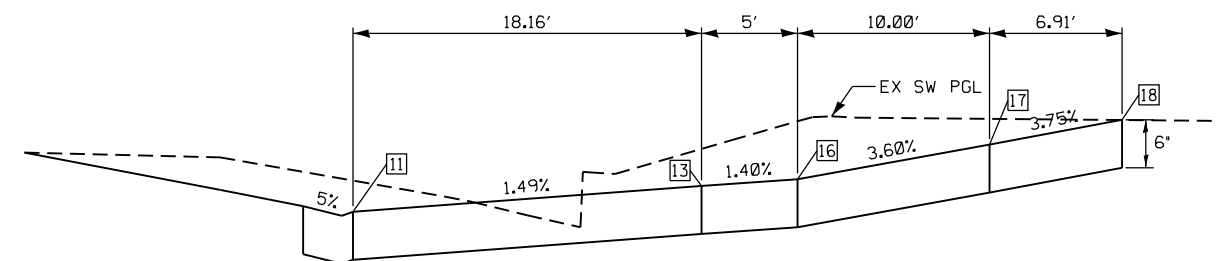
PROFILE C



SECTION C-C
SECTION D-D



SECTION E-E



PROFILE D

MONROE STREET
SHEET 2 OF 4

USER NAME = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	100
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

JACKSON STREET N.W. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

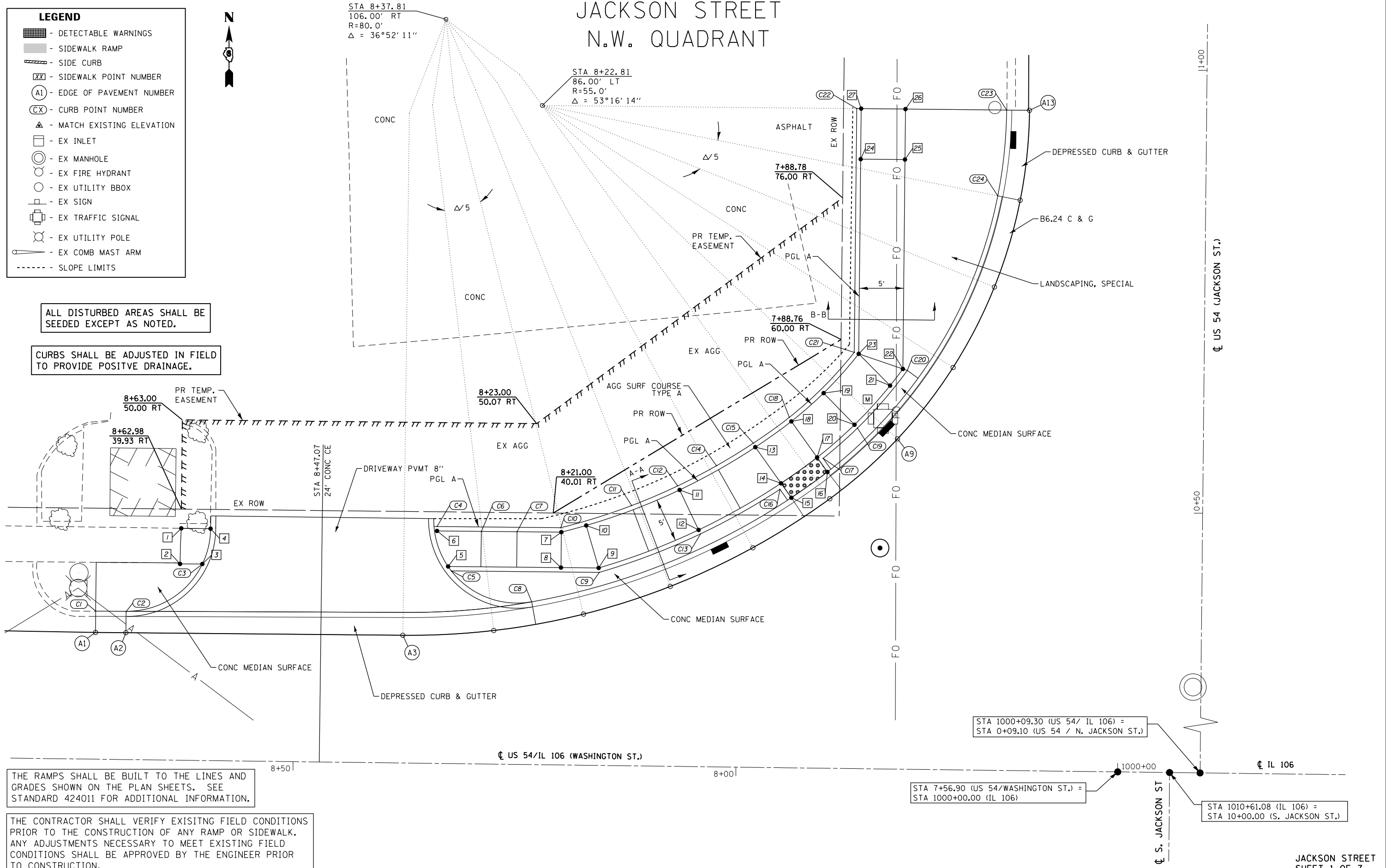


STA 8+37.81
106.00' RT
R=80.0'
 $\Delta = 36^\circ 52' 11''$

STA 8+22.81
86.00' LT
R=55.0'
 $\Delta = 53^\circ 16' 14''$

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.



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

STA 1000+09.30 (US 54/ IL 106) = STA 0+09.10 (US 54 / N. JACKSON ST.)

STA 7+56.90 (US 54/WASHINGTON ST.) = STA 1000+00.00 (IL 106)

STA 1010+61.08 (IL 106) = STA 10+00.00 (S. JACKSON ST.)

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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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

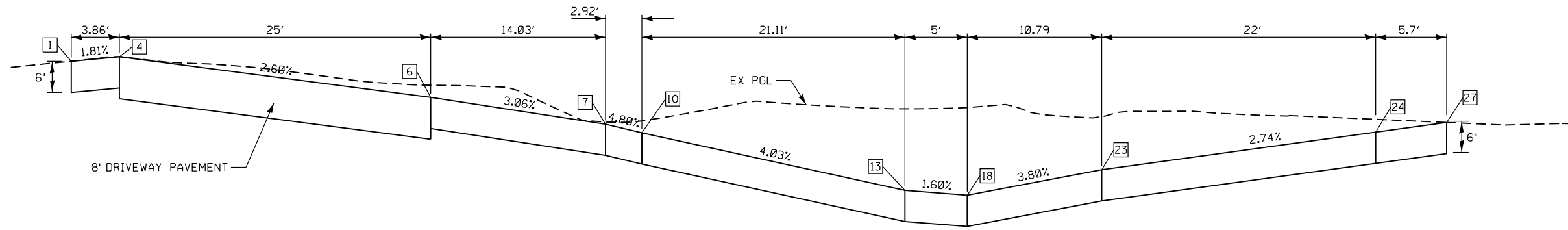
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
JACKSON STREET /N.W. QUADRANT
US 54 /IL 106 (EAST WASHINGTON ST.)
SCALE: 1"=5' SHEET 20 OF 46 SHEETS STA. 8+73.00 TO STA. 7+69.00

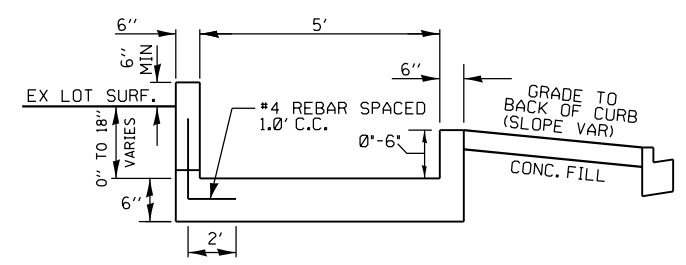
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	103
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

JACKSON STREET
SHEET 1 OF 7

NORTH JACKSON STREET N.W. QUADRANT PROFILES, TYPICAL SECTIONS, & POINT LOCATIONS

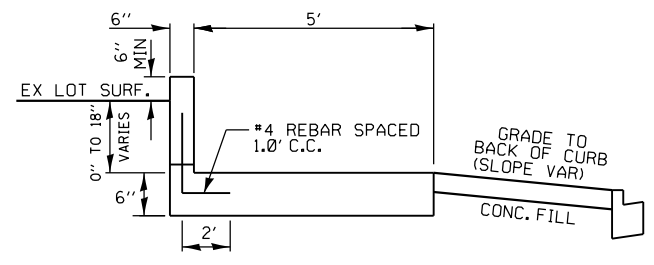


PROFILE A



SECTION A-A

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.



SECTION B-B

POINT	US 54-WASHINGTON ST.		ELEVATION
	STATION	OFFSET	
1	8+62.96	37.76' RT	726.50 ▲
2	8+63.06	33.74' RT	726.43 ▲
3	8+59.10	33.75' RT	726.47 ▲
4	8+59.10	37.75' RT	726.57 ▲
5	8+34.10	33.83' RT	725.92
6	8+34.10	37.82' RT	725.92
7	8+20.07	37.86' RT	725.49
8	8+20.06	33.86' RT	725.45
9	8+15.80	33.87' RT	725.28
10	8+17.26	38.65' RT	725.35
11	8+06.77	42.79' RT	724.86
12	8+04.57	38.31' RT	724.79
13	7+98.28	47.72' RT	724.43
14	7+95.33	43.69' RT	724.36
15	7+94.15	42.07' RT	724.33
16	7+90.12	45.03' RT	724.25
17	7+91.30	46.65' RT	724.28
18	7+94.25	50.69' RT	724.35
19	7+90.66	53.93' RT	724.58
20	7+87.12	50.40' RT	724.48
21	7+83.16	54.86' RT	724.69
22	7+81.74	56.76' RT	724.73
23	7+86.74	58.40' RT	724.76
24	7+86.80	86.39' RT	725.36
25	7+81.80	80.40' RT	725.26
26	7+81.81	86.10' RT	725.21 ▲
27	7+86.81	86.09' RT	725.52 ▲

**CURB ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST – JACKSON ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	726.47 ▲	6"
C2	726.42	6"
C3	726.47	0"
C4	725.92	0"
C5	725.86	0"
C6	726.27	6"
C7	726.14	6"
C8	725.68	6"
C9	725.78	6"
C10	726.10	9"
C11	726.28	14"
C12	726.36	18"
C13	725.29	6"
C14	726.32	20"
C15	726.26	22"
C16	724.86	6"
C17	724.78	6"
C18	726.35	24"
C19	724.73	3"
C20	724.73	0"
C21	726.26	18"
C22	725.52	0"
C23	724.55 ▲	0"
C24	724.85	0"

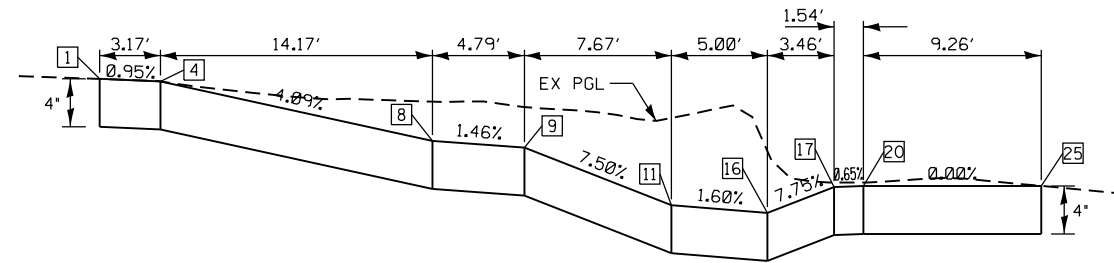
POINT	US 54/WASHINGTON ST.		US 54/N. JACKSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+72.51	25.88' RT	0+35.29	124.84' LT	726.09 ▲
A2	8+69.07	25.89' RT	0+35.29	121.40' LT	726.04 ▲
A3	8+37.81	26.00' RT	0+35.32	90.15' LT	725.55 ▲
A4	8+27.54	26.66' RT	0+35.96	79.88' LT	725.40
A5	8+17.45	28.64' RT	0+37.91	69.77' LT	725.19
A6	8+07.69	31.89' RT	0+41.14	60.01' LT	724.84
A7	7+98.42	36.37' RT	0+45.60	50.73' LT	724.49
A8	7+89.81	42.00' RT	0+51.21	42.11' LT	724.34
A9	7+82.25	48.86' RT	0+58.05	34.53' LT	724.18
A10	7+76.08	57.00' RT	0+66.17	28.34' LT	724.32
A11	7+71.52	66.14' RT	0+75.30	23.76' LT	724.46
A12	7+68.74	75.96' RT	0+85.12	20.95' LT	724.54
A13	7+67.81	86.13' RT	0+95.29	20.00' LT	724.61 ▲

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 / WASHINGTON ST – JACKSON ST**

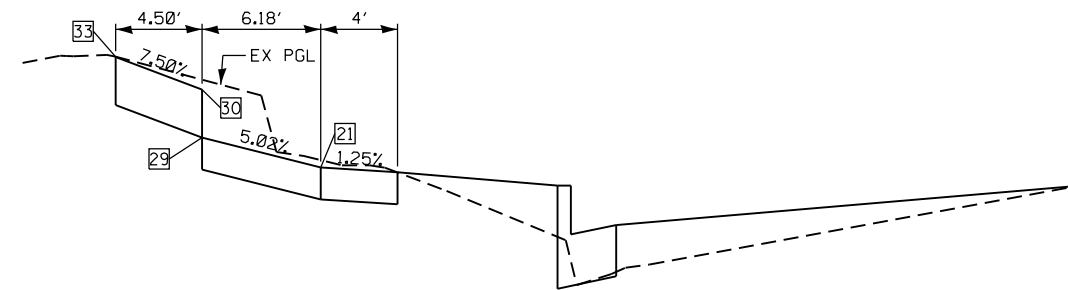
KLINGNER & ASSOCIATES, P.C. <small>Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223-3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738</small>	USER NAME = jackca	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRIC DETAILS NORTH JACKSON ST./N.W. QUADRANT US 54 (WASHINGTON ST.)	F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 104
	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -			SCALE: 1"=5'	SHEET 21 OF 46 SHEETS	STA. TO STA.	CONTRACT NO. 72H83	
PLOT DATE = 10/17/2019	DATE -	REVISIED -								

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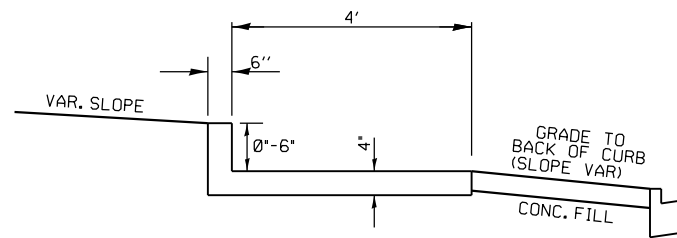
NORTH JACKSON STREET N.E. QUADRANT PROFILES & TYPICAL SECTIONS



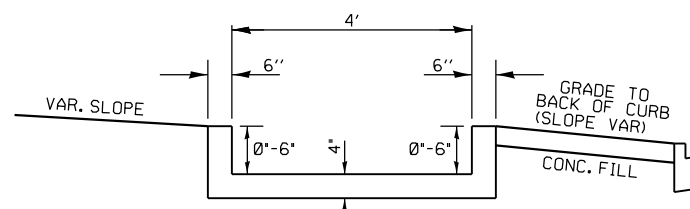
PROFILE A



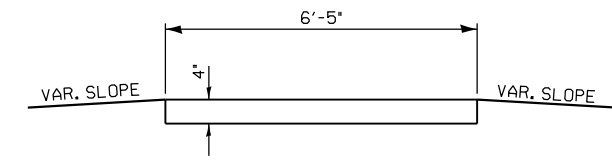
PROFILE B



SECTION A-A



SECTION B-B



SECTION C-C

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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRIC DETAILS	
NORTH JACKSON ST./N.E. QUADRANT	
US 54 (WASHINGTON ST.)	
SCALE: 1"=5'	SHEET 23 OF 46 SHEETS STA. TO STA.

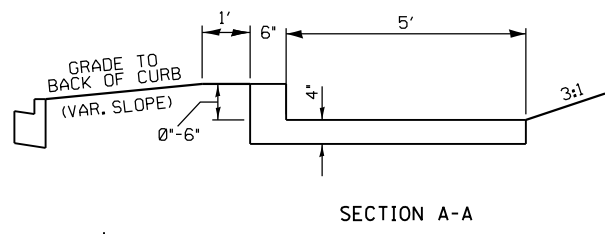
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	106
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

JACKSON STREET
SHEET 4 OF 7

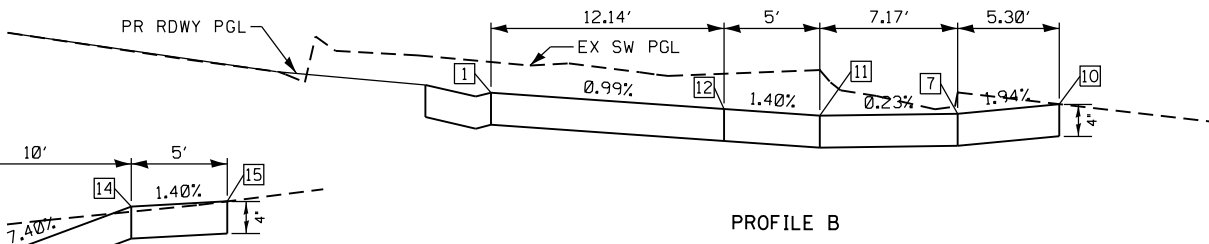
JACKSON STREET S.E. QUADRANT

LEGEND

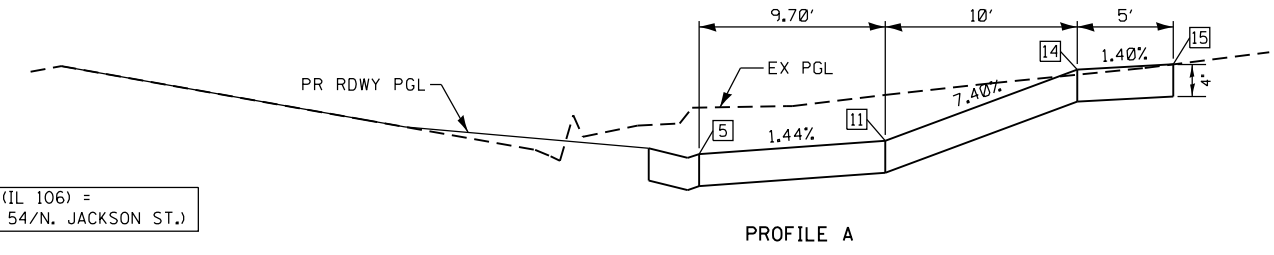
- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



SECTION A-A



PROFILE B



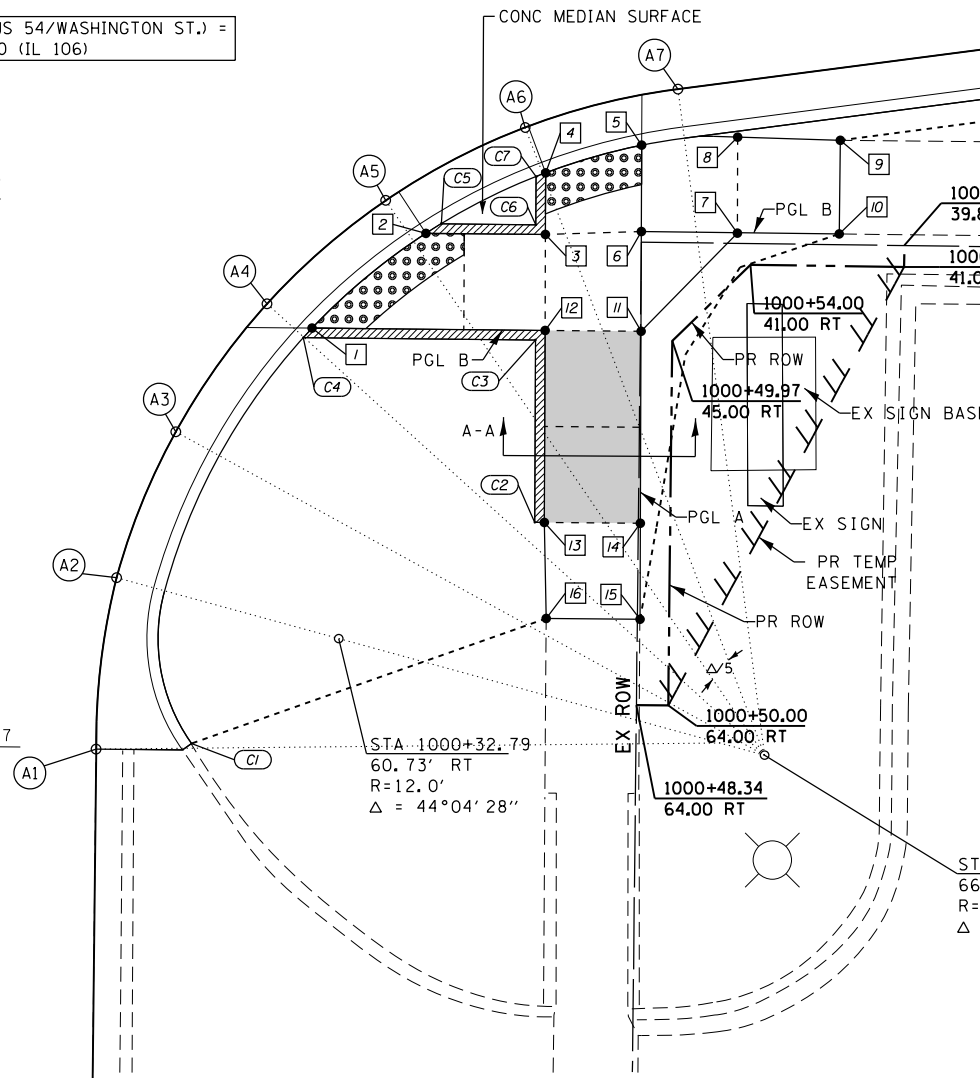
PROFILE A

STA 1000+09.30 (IL 106) =
STA 0+09.10 (US 54/N. JACKSON ST.)

STA 1010+61.08 (IL 106) =
STA 10+00.00 (S. JACKSON ST.)

STA 7+56.90 (US 54/WASHINGTON ST.) =
STA 1000+00.00 (IL 106)

ALL DISTURBED AREAS SHALL BE
SEEDED EXCEPT AS NOTED.



SIDEWALK ELEVATIONS
S.E. QUADRANT

POINT	IL 106 - S. JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	1000+31.20	44.57' RT	723.63
2	1000+37.07	39.56' RT	723.50
3	1000+43.29	39.54' RT	723.44
4	1000+43.27	36.33' RT	723.39
5	1000+48.25	34.83' RT	723.31
6	1000+48.29	39.33' RT	723.36
7	1000+53.29	39.34' RT	723.46
8	1000+53.25	34.35' RT	723.44
9	1000+58.59	34.44' RT	723.54
10	1000+58.60	39.32' RT	723.56
11	1000+48.34	44.53' RT	723.44
12	1000+43.34	44.54' RT	723.51
13	1000+43.42	54.54' RT	724.09
14	1000+48.42	54.53' RT	724.18
15	1000+48.47	59.53' RT	724.25
16	1000+43.59	59.54' RT	724.18

EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 106 - SOUTH JACKSON ST.

POINT	IL 106		SOUTH JACKSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	1000+20.22	66.64' RT	9+33.30	14.12' RT	723.77
A2	1000+21.18	57.71' RT	9+42.24	15.11' RT	723.78
A3	1000+24.16	50.07' RT	9+49.87	18.12' RT	723.82
A4	1000+28.84	43.33' RT	9+56.58	22.83' RT	723.70
A5	1000+34.96	37.87' RT	9+62.02	28.96' RT	723.58
A6	1000+42.18	33.98' RT	9+65.89	36.20' RT	723.45
A7	1000+50.10	31.88' RT	9+67.96	44.13' RT	723.33
A8	1000+93.67	25.65' RT	9+74.02	87.72' RT	722.69
A9	1001+37.24	19.43' RT	9+80.09	131.31' RT	722.06
A10	1001+42.12	19.43' RT	9+80.07	136.19' RT	721.97

CURB ELEVATIONS - S.E. QUADRANT
IL 106 - SOUTH JACKSON ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	724.31	6"
C2	724.59	0"
C3	724.01	6"
C4	724.13	6"
C5	724.00	6"
C6	723.94	6"
C7	723.81	6"
C8	722.37	6"

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

CASEY'S

JACKSON STREET
SHEET 7 OF 7

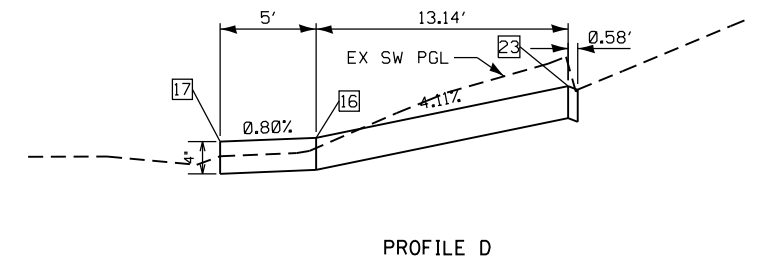
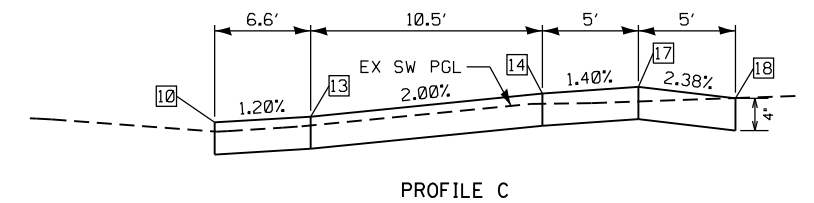
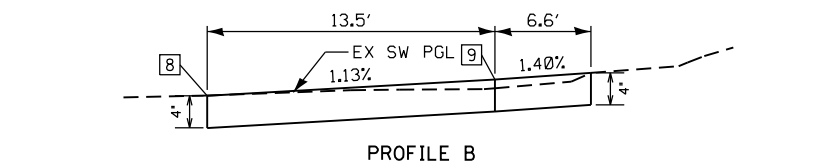
ILLINOIS STREET N.W. & N.E. QUADRANT

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT IL 106 – ILLINOIS ST.

POINT	IL 106		ILLINOIS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	1004+28.16	23.02' LT	10+23.02	20.80' RT	718.03 ▲
B2	1004+33.79	20.49' LT	10+20.49	26.43' RT	718.35
B3	1004+38.92	19+77' LT	10+19.77	31.55' RT	718.42 ▲
B4	1004+39.95	19.79' LT	10+19.79	32.59' RT	718.43 ▲



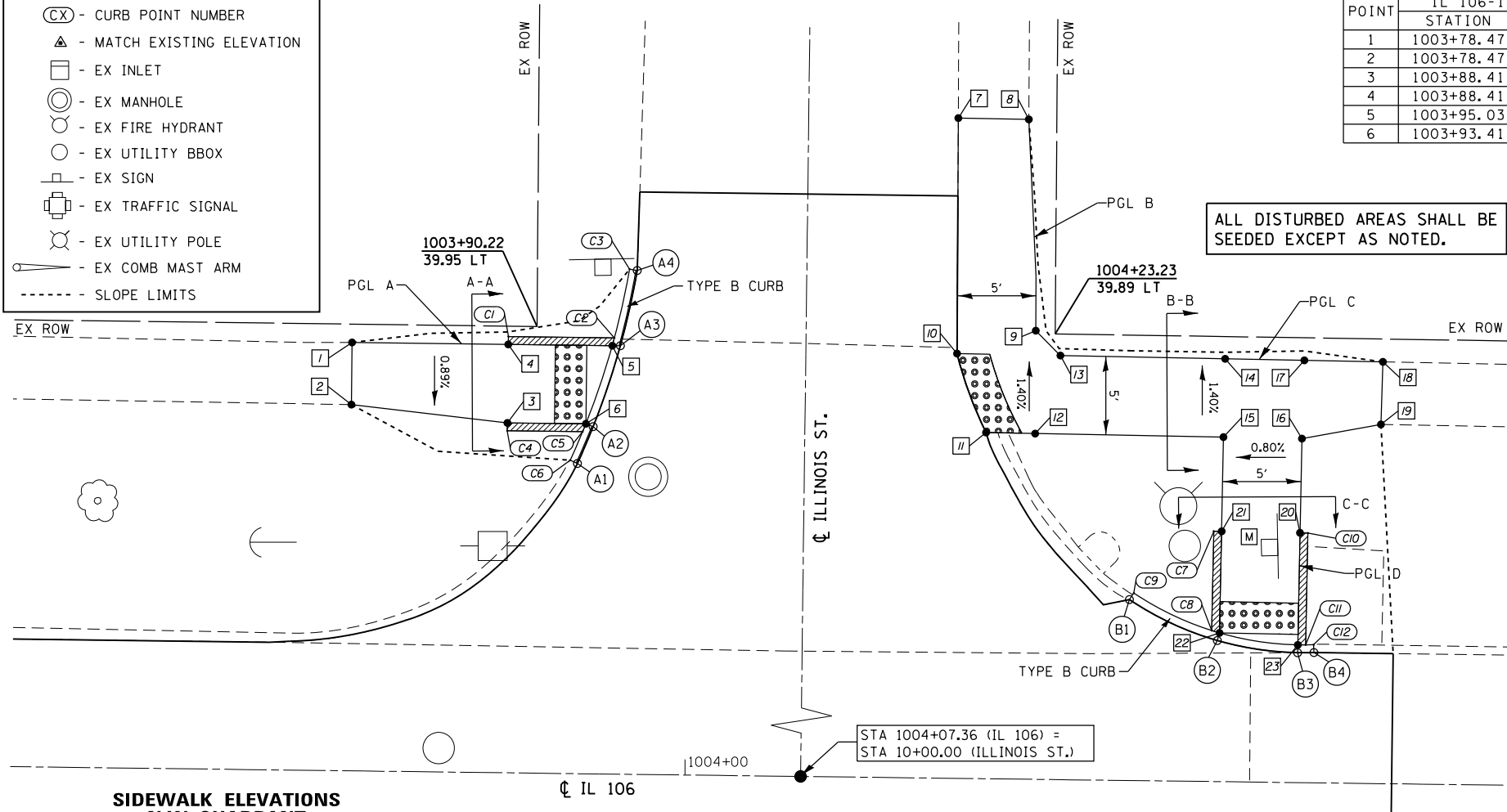
SECTION B-B
SECTION C-C

SIDEWALK ELEVATIONS N.E. QUADRANT

POINT	IL 106-ILLINOIS ST.		ELEVATION
	STATION	OFFSET	
1	1003+78.47	39.79' LT	718.03 ▲
2	1003+78.47	34.82' LT	717.94 ▲
3	1003+88.41	33.79' LT	717.85
4	1003+88.41	38.79' LT	717.84
5	1003+95.03	38.79' LT	717.71
6	1003+93.41	33.79' LT	717.80

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS

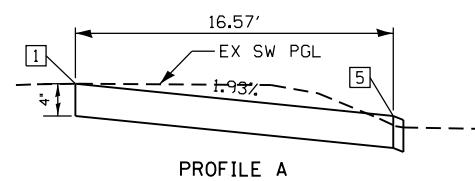


SIDEWALK ELEVATIONS N.W. QUADRANT

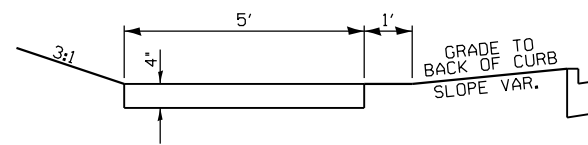
POINT	IL 106-ILLINOIS ST.		ELEVATION
	STATION	OFFSET	
7	1004+16.89	53.56' LT	717.34 ▲
8	1004+21.38	53.53' LT	717.40 ▲
9	1004+21.98	40.08' LT	717.55
10	1004+16.99	38.56' LT	717.51
11	1004+18.91	33.55' LT	717.59
12	1004+22.03	33.53' LT	717.64
13	1004+23.57	38.52' LT	717.60
14	1004+34.07	38.44' LT	717.81
15	1004+34.03	33.44' LT	717.88
16	1004+39.03	33.41' LT	717.92
17	1004+39.12	38.41' LT	717.88
18	1004+44.12	38.36' LT	717.76 ▲
19	1004+44.04	34.38' LT	717.80 ▲
20	1004+38.98	27.41' LT	718.19
21	1004+33.98	27.44' LT	718.14
22	1004+33.93	20.97' LT	718.39
23	1004+38.92	20.27' LT	718.46

CURB ELEVATIONS – N.W./N.E. QUADRANT IL 106 – ILLINOIS ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	717.84	0"
C2	718.21	6"
C3	717.58	0"
C4	717.85	0"
C5	718.30	6"
C6	718.36 ▲	6"
C7	718.14	0"
C8	718.89	6"
C9	718.53	6"
C10	718.19 ▲	0"
C11	718.96	6"
C12	718.93	6"



PROFILE A



SECTION A-A

EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT IL 106 – ILLINOIS ST.

POINT	IL 106		ILLINOIS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	1003+92.90	31.25' LT	10+31.25	14.46' LT	717.86 ▲
A2	1003+93.88	33.61' LT	10+33.61	13.48' LT	717.76 ▲
A3	1003+95.55	38.79' LT	10+38.79	11.81' LT	717.67
A4	1003+96.57	43.60' LT	10+43.60	10.80' LT	717.58 ▲

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



ILLINOIS STREET S.E. QUADRANT

**SIDEWALK ELEVATIONS
S.E. QUADRANT**

POINT	IL 106 - ILLINOIS ST.		ELEVATION
	STATION	OFFSET	
1	1004+20.60	34.34' RT	718.12
2	1004+25.29	34.35' RT	718.20
3	1004+30.29	34.38' RT	718.28
4	1004+30.33	29.38' RT	718.31
5	1004+30.38	22.61' RT	718.34
6	1004+35.40	20.90' RT	718.42
7	1004+35.33	29.40' RT	718.38
8	1004+35.29	34.40' RT	718.35
9	1004+40.29	34.42' RT	718.53
10	1004+45.27	36.63' RT	718.72 ▲
11	1004+45.24	40.02' RT	718.75 ▲
12	1004+40.25	39.42' RT	718.57
13	1004+35.25	39.40' RT	718.39
14	1004+30.25	39.38' RT	718.35
15	1004+25.25	39.35' RT	718.25
16	1004+19.85	39.33' RT	718.17

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

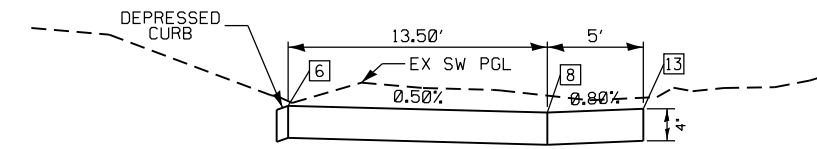
THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

**EDGE OF PAVEMENT ELEVATIONS - S.E. QUADRANT
IL 106 - ILLINOIS ST.**

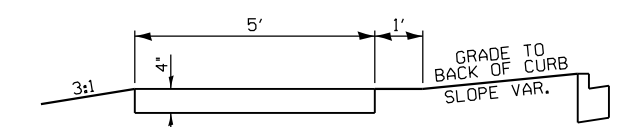
POINT	IL 106		ILLINOIS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	1004+19.28	39.33' RT	9+60.67	11.91' RT	718.13 ▲
A2	1004+20.04	34.17' RT	9+65.83	12.67' RT	718.08 ▲
A3	1004+30.12	22.09' RT	9+77.91	22.76' RT	718.30 ▲
A4	1004+35.40	20.30' RT	9+79.69	28.04' RT	718.38
A5	1004+39.15	19.96' RT	9+80.04	31.78' RT	718.53 ▲

**CURB ELEVATIONS - S.E. QUADRANT
IL 106 - ILLINOIS ST.**

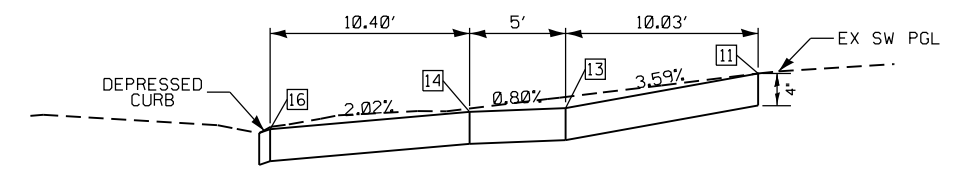
POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	718.62 ▲	6"
C2	718.28	0"
C3	718.84 ▲	6"
C4	718.92 ▲	6"
C5	718.38	0"
C6	718.25	0"
C7	718.67 ▲	6"



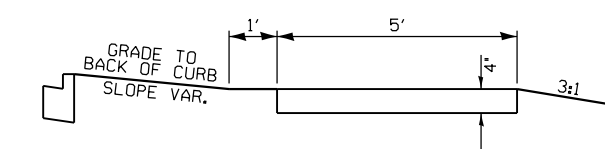
PROFILE A



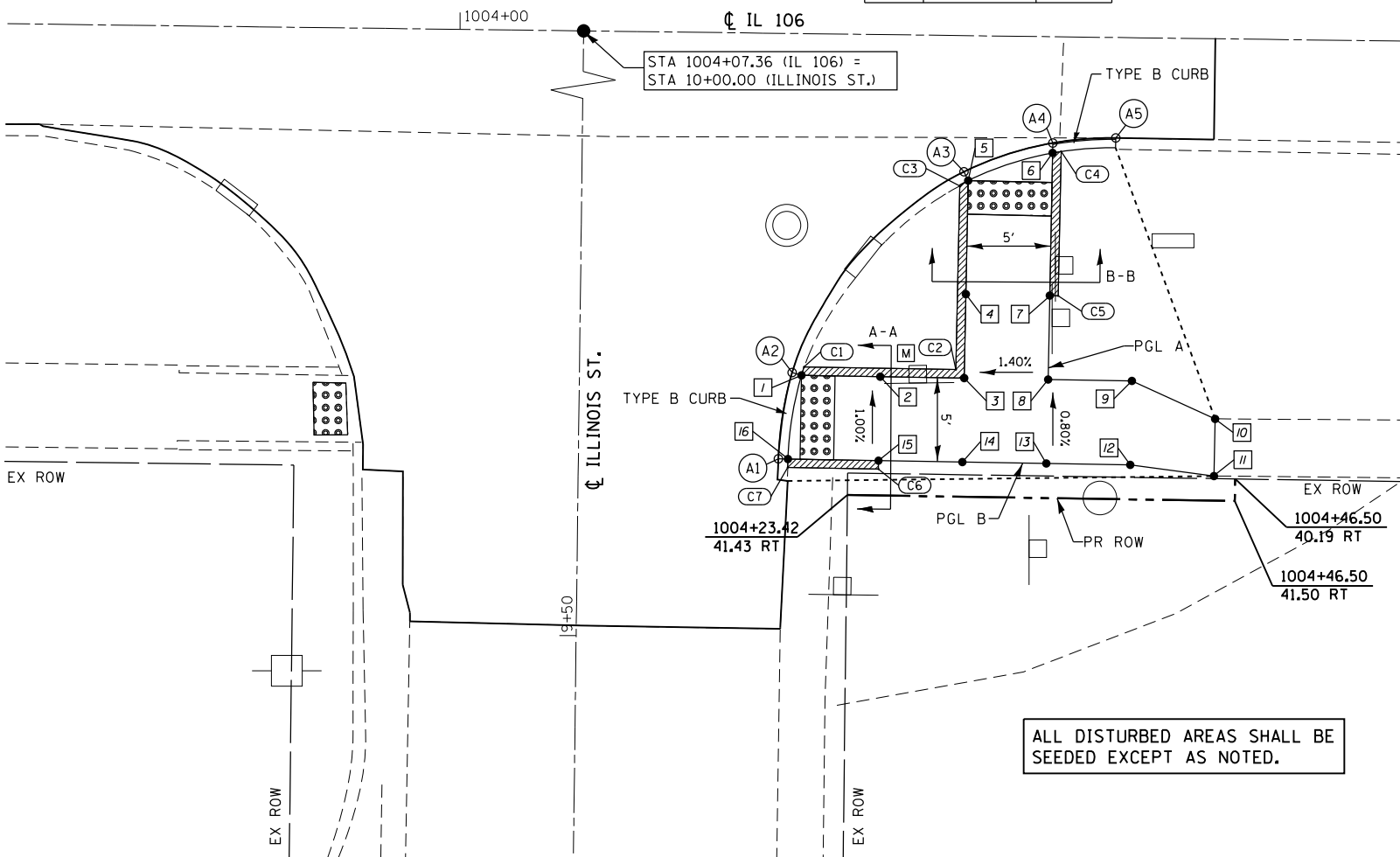
SECTION A-A



PROFILE B



SECTION B-B



ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

ILLINOIS STREET
SHEET 2 OF 2

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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 = jackce DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRIC DETAILS ILLINOIS STREET /S.E. QUADRANT IL 106	F.A.P. RTE. 321 SECTION (20,107) RS-8, ADA COUNTY PIKE TOTAL SHEETS 181 SHEET NO. 111 CONTRACT NO. 72H83	SCALE: 1"=5' SHEET 28 OF 46 SHEETS STA. 1003+56.00 TO STA. 1004+45.00	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 10.0000 "/in. PLOT DATE = 10/17/2019	DATE -			STA. 1003+56.00 TO STA. 1004+45.00		

ADAMS STREET N.W. & N.E. QUADRANTS

CURB ELEVATIONS – N.W./N.E. QUADRANT US 54 /N. JACKSON ST. – ADAMS ST.

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	727.96	6"
C2	729.56	24"
C3	729.57	24"
C4	729.63	24"
C5	729.69	6"
C6	729.70	6"
C7	729.63	6"
C8	729.62	6"
C9	727.95	6"
C10	727.61	6"
C11	727.71	6"
C12	728.02	6"
C13	727.90	6"
C14	727.46	0"
C15	727.69	6"
C16	727.31	6"
C17	727.24	6"
C18	727.11	6"
C19	727.12	0"
C20	726.92	6"
C21	727.12	0"
C22	726.86	6"
C23	726.58	6"

SIDEWALK ELEVATIONS – N.W./N.E. QUADRANT US 54 /N. JACKSON ST. – ADAMS ST.

POINT	US 54-N JACKSON ST		ELEVATION
	STATION	OFFSET	
1	4+55.95	34.20' LT	727.46
2	4+57.38	34.20' LT	727.47
3	4+61.33	34.19' LT	727.59
4	4+66.33	34.18' LT	727.52
5	4+89.03	34.81' LT	729.19
6	4+94.03	34.77' LT	729.20
7	4+94.03	29.13' LT	729.13
8	4+89.03	29.14' LT	729.12
9	4+66.33	29.18' LT	727.45
10	4+66.33	24.75' LT	727.14
11	4+66.33	22.75' LT	727.11
12	4+61.33	24.75' LT	727.21
13	4+61.33	29.19' LT	727.52
14	4+57.37	29.20' LT	727.40
15	4+67.06	22.42' RT	726.81
16	4+67.06	33.23' RT	727.19
17	4+72.06	35.37' RT	727.46
18	4+72.06	38.23' RT	727.36
19	4+67.06	38.21' RT	727.19
20	4+65.30	42.73' RT	727.27
21	4+62.06	42.73' RT	727.23
22	4+62.06	38.23' RT	727.12
23	4+44.33	38.25' RT	726.36
24	4+45.00	33.25' RT	726.42
25	4+62.06	33.23' RT	727.12
26	4+62.06	22.41' RT	726.74

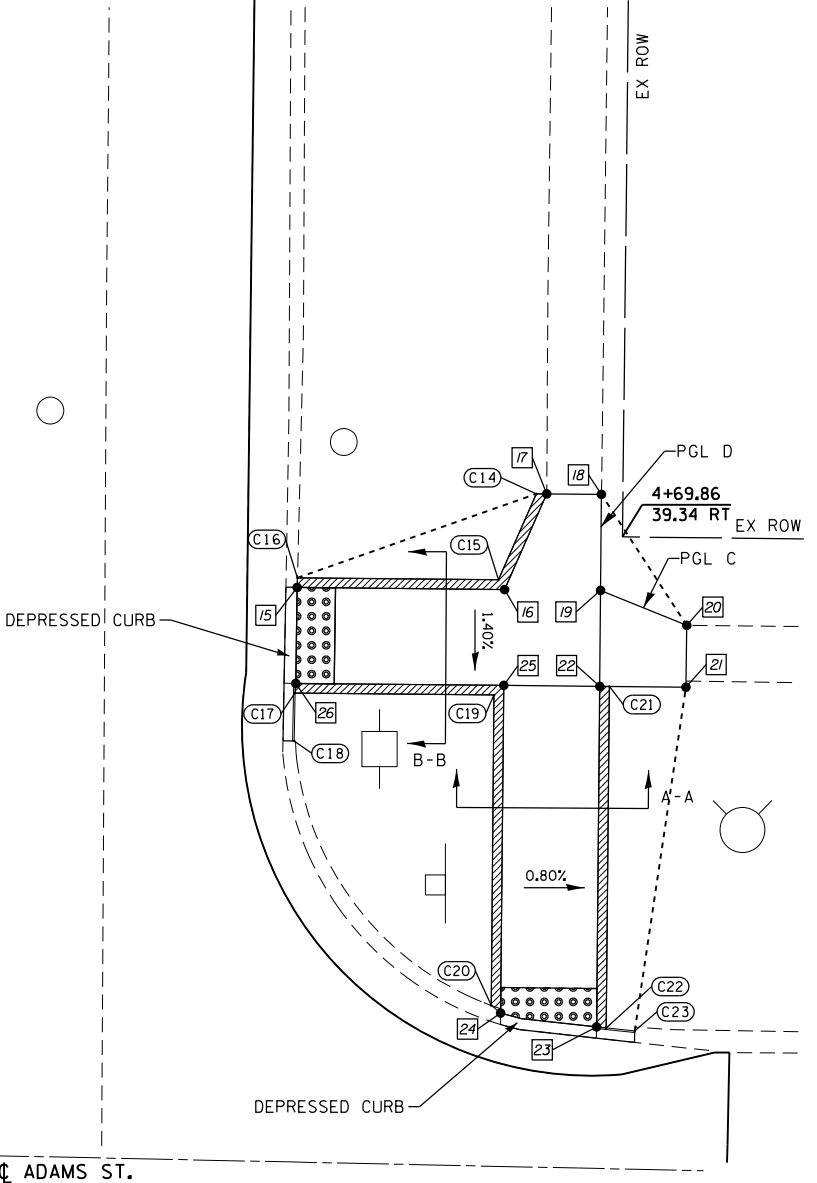
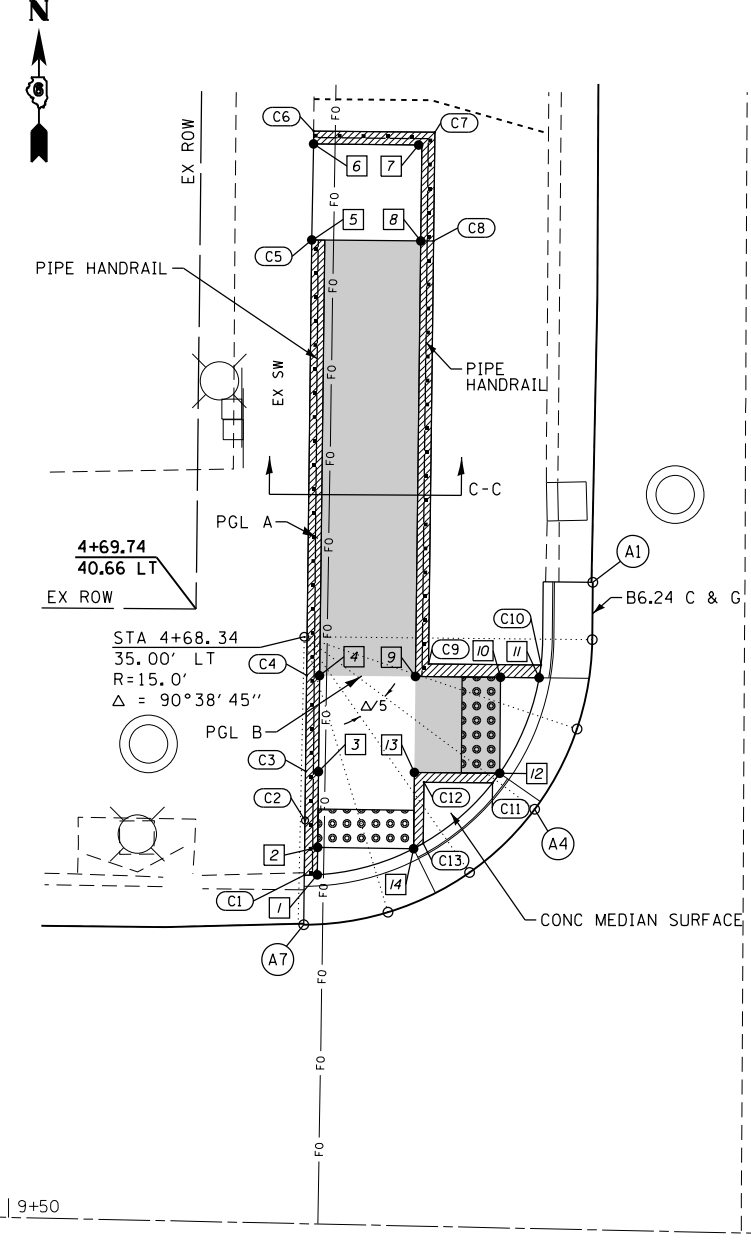
EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT US 54 /N. JACKSON ST. – ADAMS ST.

POINT	US 54/N. JACKSON ST.		ADAMS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	4+71.33	20.00' LT	9+79.50	44.16' LT	727.15
A2	4+68.34	20.00' LT	9+79.53	41.17' LT	727.16
A3	4+63.68	20.74' LT	9+78.84	36.49' LT	727.24
A4	4+59.47	22.90' LT	9+76.73	32.27' LT	727.28
A5	4+56.15	26.27' LT	9+73.41	28.91' LT	727.44
A6	4+54.04	30.49' LT	9+69.20	26.74' LT	727.48
A7	4+53.35	34.88' LT	9+64.83	26.00' LT	727.52

ADAMS STREET CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+00.00	26.00' LT	728.92	-2.77%	CL	729.64	-2.97%	27.57' RT	728.82
9+10.00	26.00' LT	728.72	-2.77%	CL	729.44	-3.01%	27.54' RT	728.61
9+20.00	26.00' LT	728.51	-2.23%	CL	729.09	-2.40%	27.51' RT	728.43
9+30.00	26.00' LT	728.30	-1.65%	CL	728.73	-2.04%	27.40' RT	728.17
9+40.00	26.00' LT	728.09	-1.08%	CL	728.37	-1.92%	26.00' RT	727.87
9+50.00	26.00' LT	727.88	-0.50%	CL	728.01	-2.35%	26.00' RT	727.40
9+60.00	26.00' LT	727.66	-0.19%	CL	721.71	-2.38%	26.00' RT	727.09
9+70.00	26.00' LT	727.44	-0.46%	CL	727.56	-2.27%	26.00' RT	726.97
9+80.00	26.00' LT	727.20	0.88%	CL	727.18	-1.27%	26.00' RT	726.85

- TRANSITION CONTROL
- ▲ - MATCH EXISTING ELEVATION



ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

STA 4+26.95 (US 54/ N JACKSON) = STA 10+00.00 (ADAMS ST)

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

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 = jackce	DESIGNED -	REVISD -
DESIGNED -	DRAWN -	REVISD -
DESIGNED -	CHECKED -	REVISD -
DESIGNED -	DATE -	REVISD -

DATE -	REVISD -	REVISD -
DATE -	REVISD -	REVISD -
DATE -	REVISD -	REVISD -
DATE -	REVISD -	REVISD -

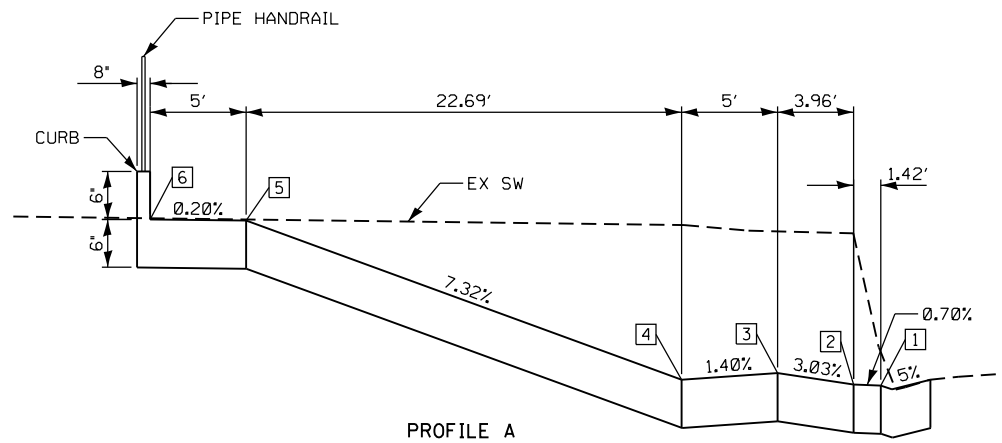
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS ADAMS STREET /N.W. & N.E. QUADRANTS US 54 (NORTH JACKSON ST.)

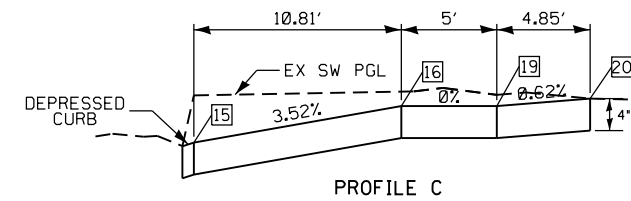
SCALE: 1"=5' SHEET 29 OF 46 SHEETS STA. 4+43.00 TO STA. 4+95.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	112
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

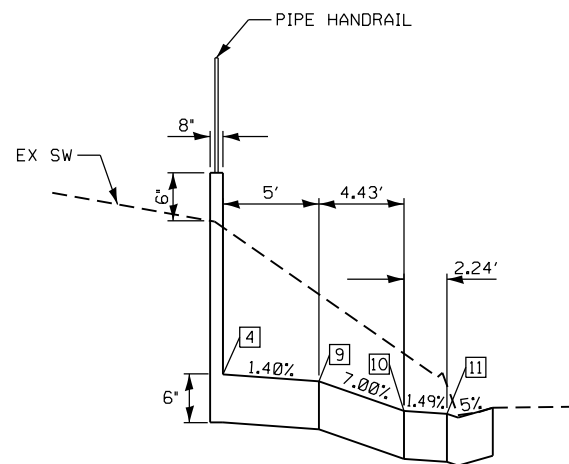
ADAMS STREET N.W. & N.E. QUADRANTS (PROFILES AND TYPICAL SECTIONS)



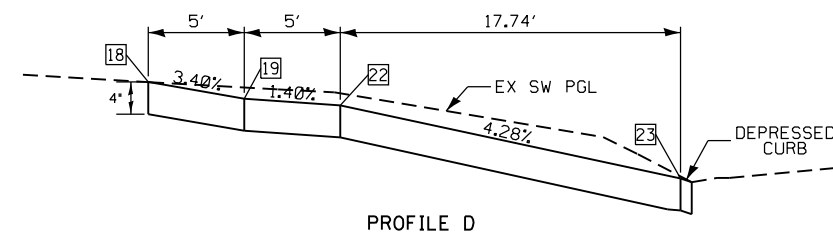
PROFILE A



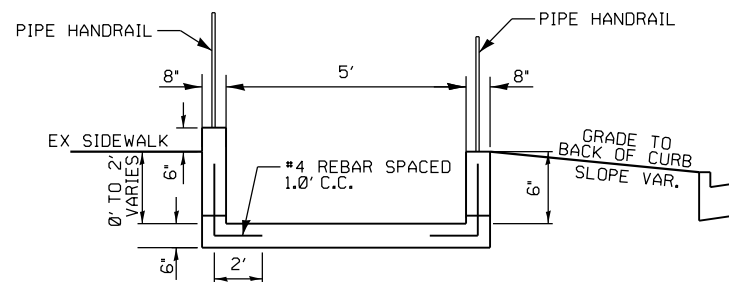
PROFILE C



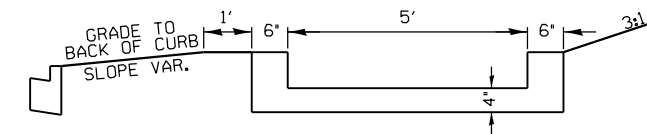
PROFILE B



PROFILE D



SECTION C-C



SECTION A-A
SECTION B-B

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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 = jackee	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
ADAMS STREET /N.W. & N.E. QUADRANTS
US 54 (NORTH JACKSON ST.)**

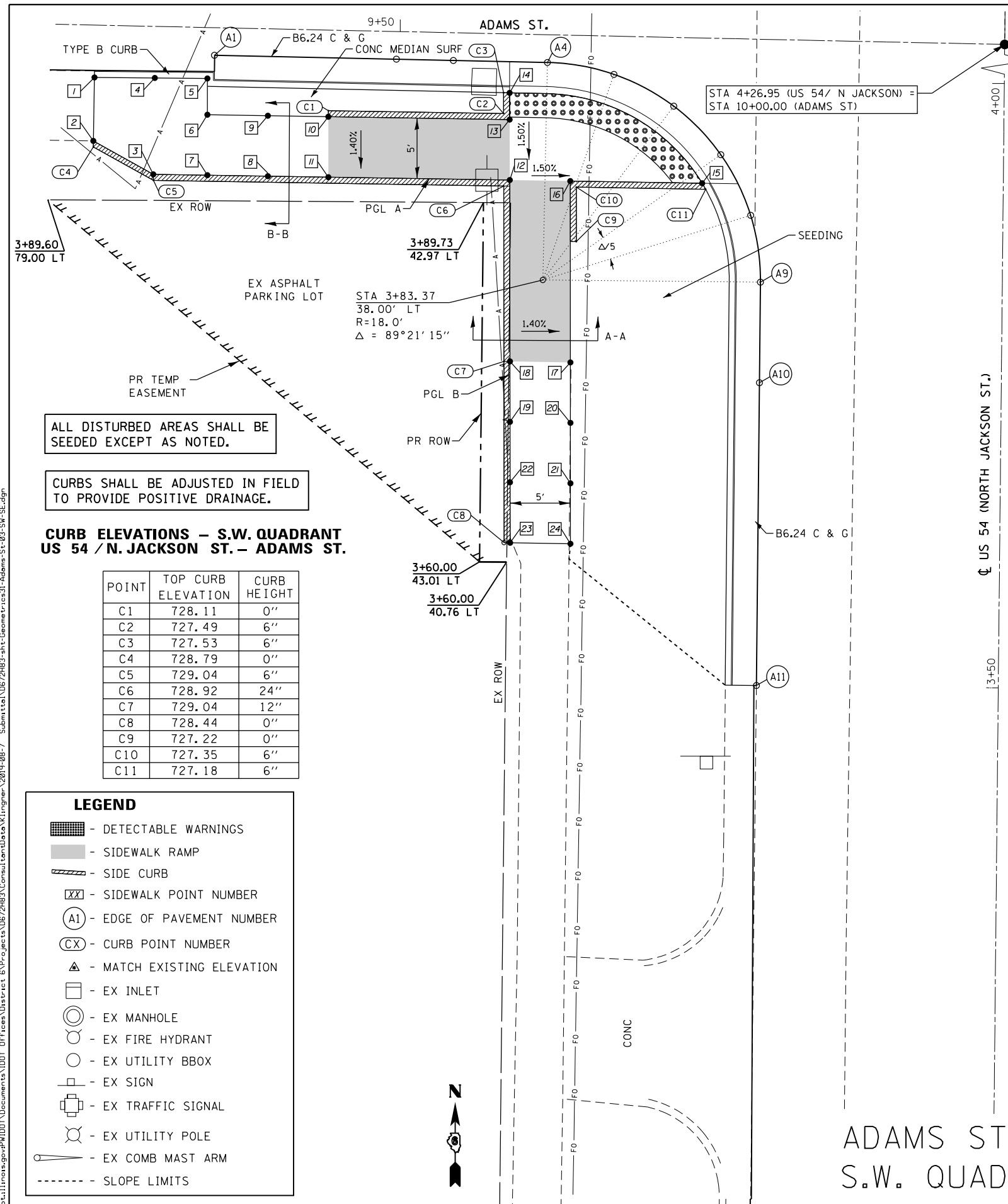
SCALE: 1"=5' SHEET 30 OF 46 SHEETS STA. 4+43.00 TO STA. 4+95.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	113
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

ADAMS STREET
SHEET 2 OF 3

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.



ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.

CURB ELEVATIONS – S.W. QUADRANT US 54 / N. JACKSON ST. – ADAMS ST.

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	728.11	0"
C2	727.49	6"
C3	727.53	6"
C4	728.79	0"
C5	729.04	6"
C6	728.92	24"
C7	729.04	12"
C8	728.44	0"
C9	727.22	0"
C10	727.35	6"
C11	727.18	6"

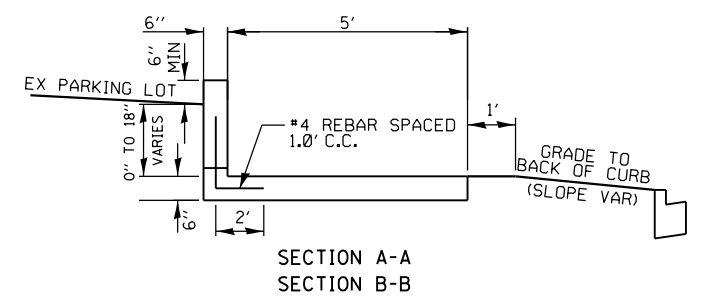
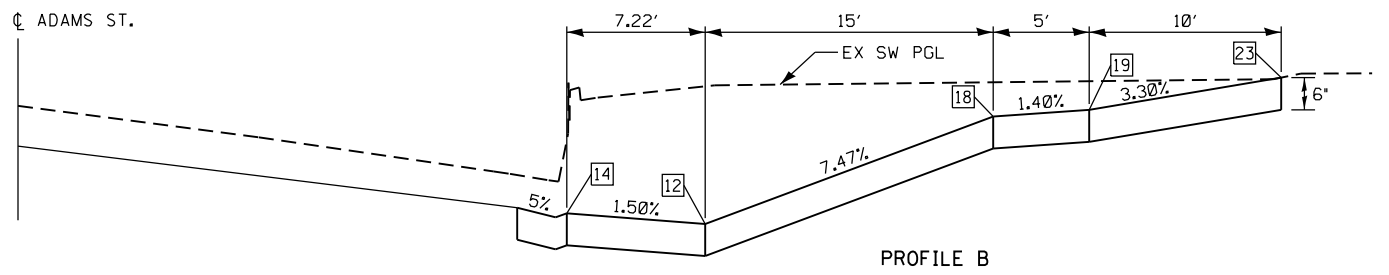
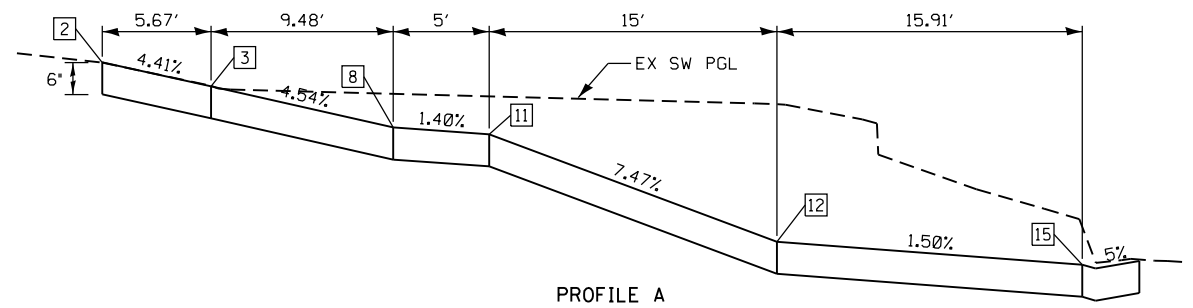
LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

US 54 (NORTH JACKSON ST.)

SIDEWALK ELEVATIONS – S.W. QUADRANT US 54 / N. JACKSON ST. – ADAMS ST.

POINT	US 54-N JACKSON ST./ADAMS ST		ELEVATION
	STATION	OFFSET	
1	3+99.76	75.24' LT	728.39 ▲
2	3+94.50	75.28' LT	728.79 ▲
3	3+91.79	70.30' LT	728.54 ▲
4	3+99.76	70.25' LT	728.39
5	3+99.76	65.90' LT	728.42
6	3+96.76	65.87' LT	728.39
7	3+91.76	65.82' LT	728.34
8	3+91.73	60.82' LT	728.11
9	3+96.73	60.87' LT	728.18
10	3+96.70	55.87' LT	728.11
11	3+91.70	55.82' LT	728.04
12	3+91.61	40.82' LT	726.92
13	3+96.61	40.87' LT	726.99
14	3+98.82	40.89' LT	727.03
15	3+91.51	24.91' LT	726.68
16	3+91.58	35.82' LT	726.85
17	3+76.58	35.65' LT	727.97
18	3+76.61	40.65' LT	728.04
19	3+71.61	40.60' LT	728.11
20	3+71.58	35.60' LT	728.04
21	3+66.58	35.55' LT	728.21
22	3+66.61	40.55' LT	728.28
23	3+61.61	40.49' LT	728.44 ▲
24	3+61.58	35.49' LT	728.18 ▲



EDGE OF PAVEMENT ELEVATIONS – S.W. QUADRANT US 54 / JACKSON ST. – ADAMS ST.

POINT	US 54/JACKSON ST.		ADAMS ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	4+01.68	65.33' LT	9+34.95	26.00' RT	728.11 ▲
A2	4+01.51	50.29' LT	9+50.00	26.00' RT	727.40
A3	4+01.46	45.57' LT	9+54.72	26.00' RT	727.17
A4	4+01.37	37.80' LT	9+62.49	26.00' RT	729.04
A5	4+00.44	32.28' LT	9+68.02	26.87' RT	726.95
A6	3+97.86	27.32' LT	9+73.01	29.39' RT	726.85
A7	3+93.89	23.39' LT	9+76.98	33.32' RT	726.76
A8	3+88.90	20.87' LT	9+79.56	38.28' RT	726.67
A9	3+83.37	20.00' LT	9+80.49	43.80' RT	726.61
A10	3+75.00	20.00' LT	9+80.59	52.17' RT	726.52
A11	3+50.00	20.00' LT	9+80.87	77.17' RT	726.25 ▲

ADAMS STREET CL & EOP ELEVATIONS

STATION	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION	SLOPE	OFFSET	ELEVATION
9+00.00	26.00' LT	728.92 ▲	2.77%	CL	729.64	-2.97%	27.57' RT	728.82 ▲
9+10.00	26.00' LT	728.72 ▲	2.77%	CL	729.44	-3.01%	27.54' RT	728.61 ▲
9+20.00	26.00' LT	728.51 ▲	2.23%	CL	729.09	-2.40%	27.51' RT	728.43 ▲
9+30.00	26.00' LT	728.30 ▲	1.65%	CL	728.73	-2.04%	27.40' RT	728.17 ▲
9+40.00	26.00' LT	728.09 ▲	1.08%	CL	728.37	-1.92%	26.00' RT	727.87
9+50.00	26.00' LT	727.88 ▲	0.50%	CL	728.01	2.35%	26.00' RT	727.40
9+60.00	26.00' LT	727.66	-0.19%*	CL	721.71	-2.38%*	26.00' RT	727.09
9+70.00	26.00' LT	727.44	-0.46%*	CL	727.56	-2.27%*	26.00' RT	726.97
9+80.00	26.00' LT	727.20	0.88%*	CL	727.18	-1.27%*	26.00' RT	726.85

* - TRANSITION CONTROL
▲ - MATCH EXISTING ELEVATION

ADAMS STREET
S.W. QUADRANT

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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
ADAMS STREET /S.W. QUADRANT
US 54 (NORTH JACKSON ST.)

SCALE: 1"=5' SHEET 31 OF 46 SHEETS STA. 3+76.00 TO STA. 4+02.00

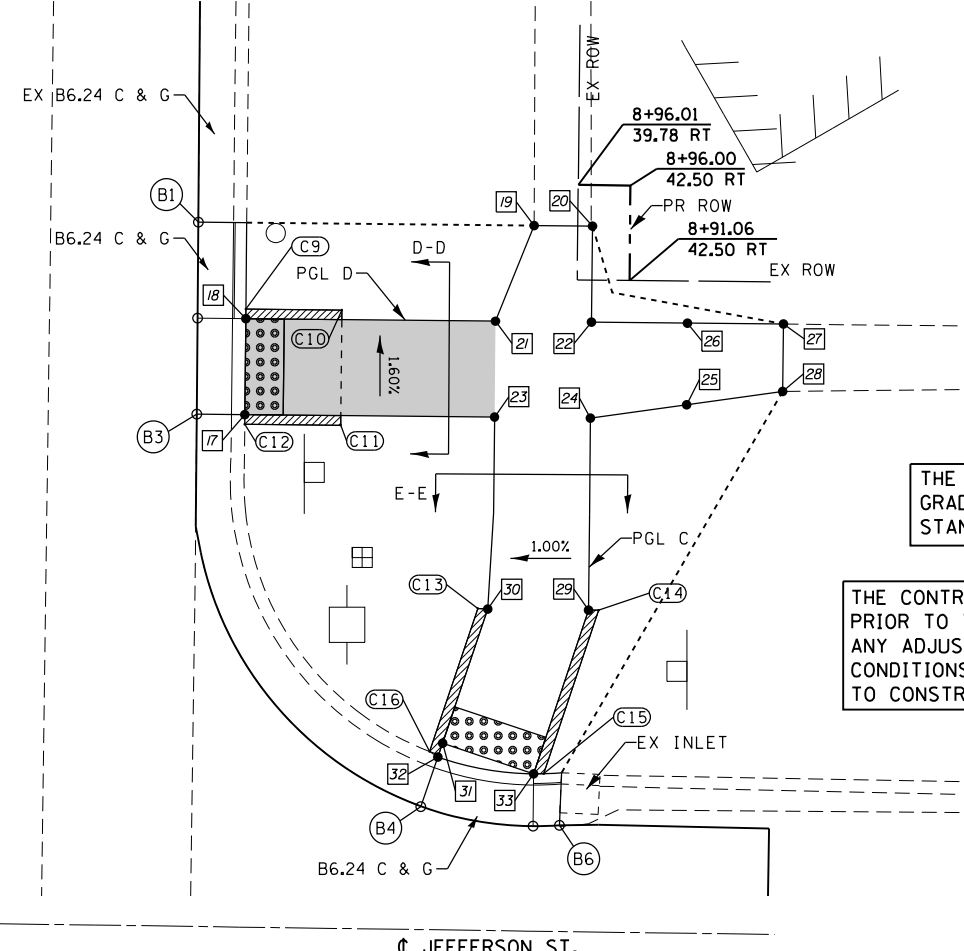
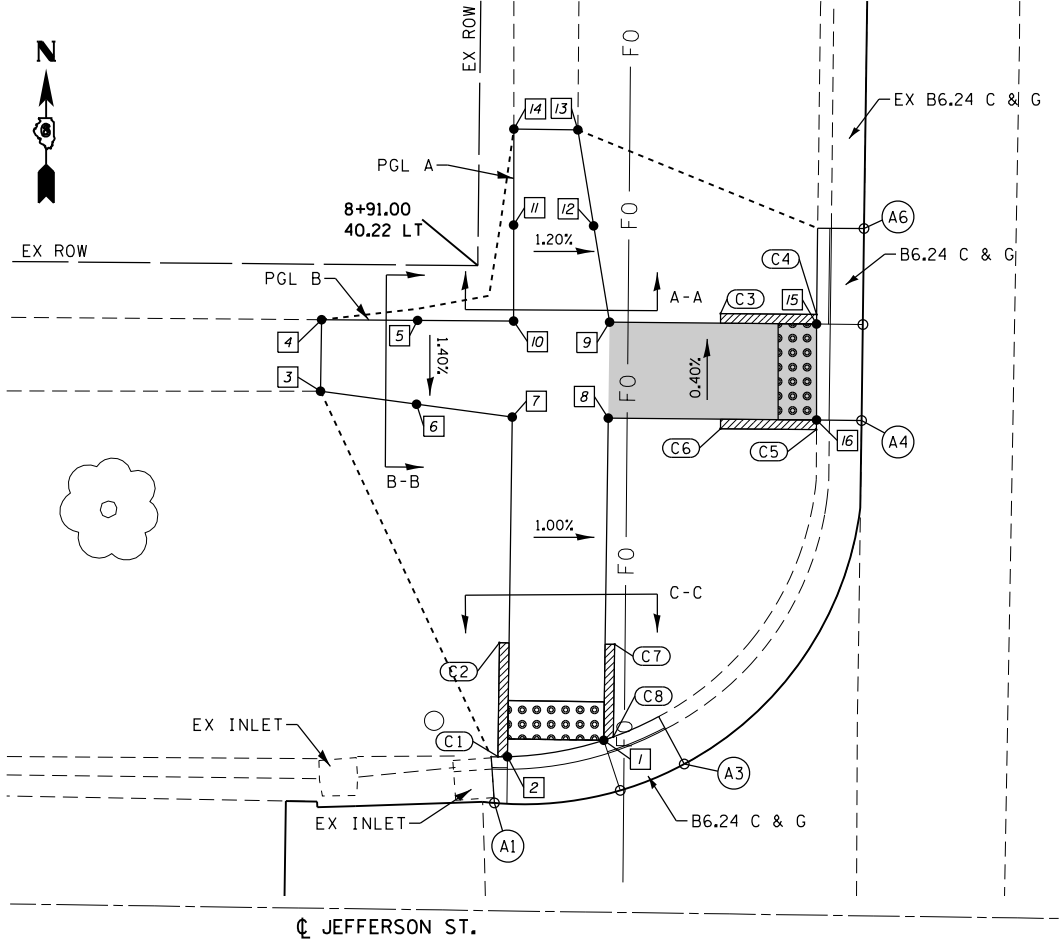
F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 114
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

ADAMS STREET
SHEET 3 OF 3

JEFFERSON STREET N.W. & N.E. QUADRANTS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS



THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

STA 8+49.08 (US 54/ N. JACKSON)
STA 10+00.00 (JEFFERSON ST.)

**SIDEWALK ELEVATIONS
N.W. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	8+66.35	33.41' LT	723.21
2	8+65.43	38.42' LT	723.27
3	8+84.37	48.34' LT	724.01 ▲
4	8+88.10	48.33' LT	724.00 ▲
5	8+88.12	43.33' LT	723.73
6	8+83.75	43.34' LT	723.66
7	8+83.13	38.35' LT	723.37
8	8+83.13	33.35' LT	723.34
9	8+88.13	33.33' LT	723.37
10	8+88.13	38.33' LT	723.45
11	8+93.13	38.37' LT	723.51
12	8+93.13	34.20' LT	723.45
13	8+98.13	35.08' LT	723.52 ▲
14	8+98.13	38.42' LT	723.57 ▲
15	8+88.13	22.54' LT	722.60
16	8+83.13	22.50' LT	722.67

**EDGE OF PAVEMENT ELEVATIONS – N.W. QUADRANT
US 54 /JACKSON ST. – JEFFERSON ST.**

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+63.01	39.07' LT	9+60.87	13.78' LT	723.26 ▲
A2	8+63.73	32.53' LT	9+67.41	14.53' LT	723.20
A3	8+65.14	29.20' LT	9+70.73	15.95' LT	722.95 ▲
A4	8+83.13	20.15' LT	9+79.72	33.97' LT	722.59 ▲
A5	8+88.13	20.13' LT	9+79.72	38.97' LT	722.51
A6	8+93.13	20.11' LT	9+79.72	43.97' LT	722.43 ▲

**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 /JACKSON ST. – JEFFERSON ST.**

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	8+93.86	20.01' RT	10+19.84	44.86' LT	722.42 ▲
B2	8+88.86	20.01' RT	10+19.86	39.86' LT	722.54
B3	8+83.86	20.02' RT	10+19.89	34.86' LT	722.59 ▲
B4	8+63.54	31.91' RT	10+31.85	14.58' LT	723.04 ▲
B5	8+62.57	37.76' RT	10+37.70	13.64' LT	723.12
B6	8+62.63	39.14' RT	10+39.09	13.70' LT	723.19 ▲

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
17	8+83.86	22.53' RT	722.54
18	8+88.86	21.84' RT	722.48
19	8+93.86	37.50' RT	723.48 ▲
20	8+93.86	40.54' RT	723.53 ▲
21	8+88.86	35.54' RT	723.40
22	8+88.86	40.54' RT	723.47
23	8+83.86	35.54' RT	723.46
24	8+83.86	40.54' RT	723.51
25	8+84.61	45.54' RT	723.72
26	8+88.86	45.54' RT	723.70
27	8+88.86	50.54' RT	723.92 ▲
28	8+85.36	50.54' RT	723.93 ▲
29	8+73.86	40.54' RT	723.27
30	8+73.86	35.28' RT	723.20
31	8+66.85	33.01' RT	722.99
32	8+66.13	32.77' RT	722.98
33	8+65.31	37.76' RT	723.06

**CURB ELEVATIONS – N.W./N.E. QUADRANT
US 54 /JACKSON ST. – JEFFERSON ST.**

POINT	ELEVATION	CURB HEIGHT
C1	723.77	6"
C2	723.31	0"
C3	722.96	0"
C4	723.10	6"
C5	723.17	6"
C6	722.98	0"
C7	723.25	0"
C8	723.71	6"
C9	723.44	6"
C10	722.83	0"
C11	722.89	0"
C12	723.04	6"
C13	723.20	0"
C14	723.27	0"
C15	723.56	6"
C16	723.48	6"

JEFFERSON STREET S.W. & S.E. QUADRANTS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	8+15.27	53.35' LT	725.39 ▲
2	8+12.35	53.36' LT	724.41 ▲
3	8+12.36	48.36' LT	725.10
4	8+16.32	48.35' LT	725.07
5	8+17.37	43.34' LT	724.75
6	8+12.37	43.36' LT	724.79
7	8+12.38	38.36' LT	724.48
8	8+12.40	33.36' LT	724.41
9	8+17.40	33.34' LT	724.37
10	8+17.38	38.34' LT	724.43
11	8+27.23	33.30' LT	723.77
12	8+27.21	38.30' LT	723.77
13	8+32.21	38.28' LT	723.44
14	8+32.86	38.28' LT	723.43
15	8+32.23	33.28' LT	723.47
16	8+17.42	27.65' LT	723.97
17	8+17.44	22.65' LT	723.61
18	8+12.44	22.65' LT	723.67
19	8+12.42	27.65' LT	724.02
20	8+07.40	33.36' LT	724.81
21	8+07.38	38.33' LT	724.87
22	8+02.38	38.34' LT	725.26
23	8+02.39	33.87' LT	725.21
24	7+97.39	34.40' LT	725.62 ▲
25	7+97.38	38.36' LT	725.65 ▲

SIDEWALK ELEVATIONS S.E. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
26	8+31.83	33.60' RT	723.50
27	8+32.40	38.60' RT	723.44
28	8+31.85	38.60' RT	723.45
29	8+26.85	38.62' RT	723.75
30	8+26.83	33.62' RT	723.77
31	8+16.64	22.34' RT	723.53
32	8+11.64	22.36' RT	723.55
33	8+11.66	28.03' RT	723.90
34	8+16.67	28.00' RT	723.88
35	8+16.69	33.67' RT	724.33
36	8+11.69	33.69' RT	724.35
37	8+11.71	38.69' RT	724.43
38	8+16.71	38.67' RT	724.35
39	8+16.73	48.67' RT	725.32
40	8+11.73	48.69' RT	725.40
41	8+11.73	53.69' RT	725.88
42	8+16.20	53.67' RT	725.80
43	8+15.67	58.68' RT	726.28 ▲
44	8+11.74	58.69' RT	726.36 ▲
45	7+91.71	38.89' RT	726.26
46	7+91.66	33.89' RT	726.18
47	7+86.67	35.02' RT	726.65
48	7+86.71	38.94' RT	725.73
49	7+81.71	38.99' RT	727.18 ▲
50	7+81.68	36.15' RT	727.04 ▲

CURB ELEVATIONS – S.W./S.E. QUADRANT US 54 / JACKSON ST – JEFFERSON ST.

POINT	ELEVATION	CURB HEIGHT
C1	723.77	0"
C2	723.93	6"
C3	723.97	6"
C4	723.77	0"
C5	724.11	6"
C6	723.97	0"
C7	724.02	6"
C8	724.17	6"
C9	724.03	6"
C10	724.05	6"
C11	723.90	0"
C12	723.88	0"
C13	723.77	0"
C14	723.75	0"
C15	723.94	6"
C16	724.00	6"
C17	727.18	0"
C18	726.56	9"
C19	725.93	18"
C20	726.36	0"

EDGE OF PAVEMENT ELEVATIONS – S.W. QUADRANT US 54 / JACKSON ST. – JEFFERSON ST.

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	8+35.31	40.79' LT	9+59.26	13.93' RT	723.52 ▲
A2	8+35.32	38.27' LT	9+61.78	13.91' RT	723.49
A3	8+34.46	32.57' LT	9+67.48	14.75' RT	723.50 ▲
A4	8+17.45	20.00' LT	9+80.13	31.71' RT	723.66 ▲
A5	8+12.45	20.00' LT	9+80.11	36.71' RT	723.74 ▲

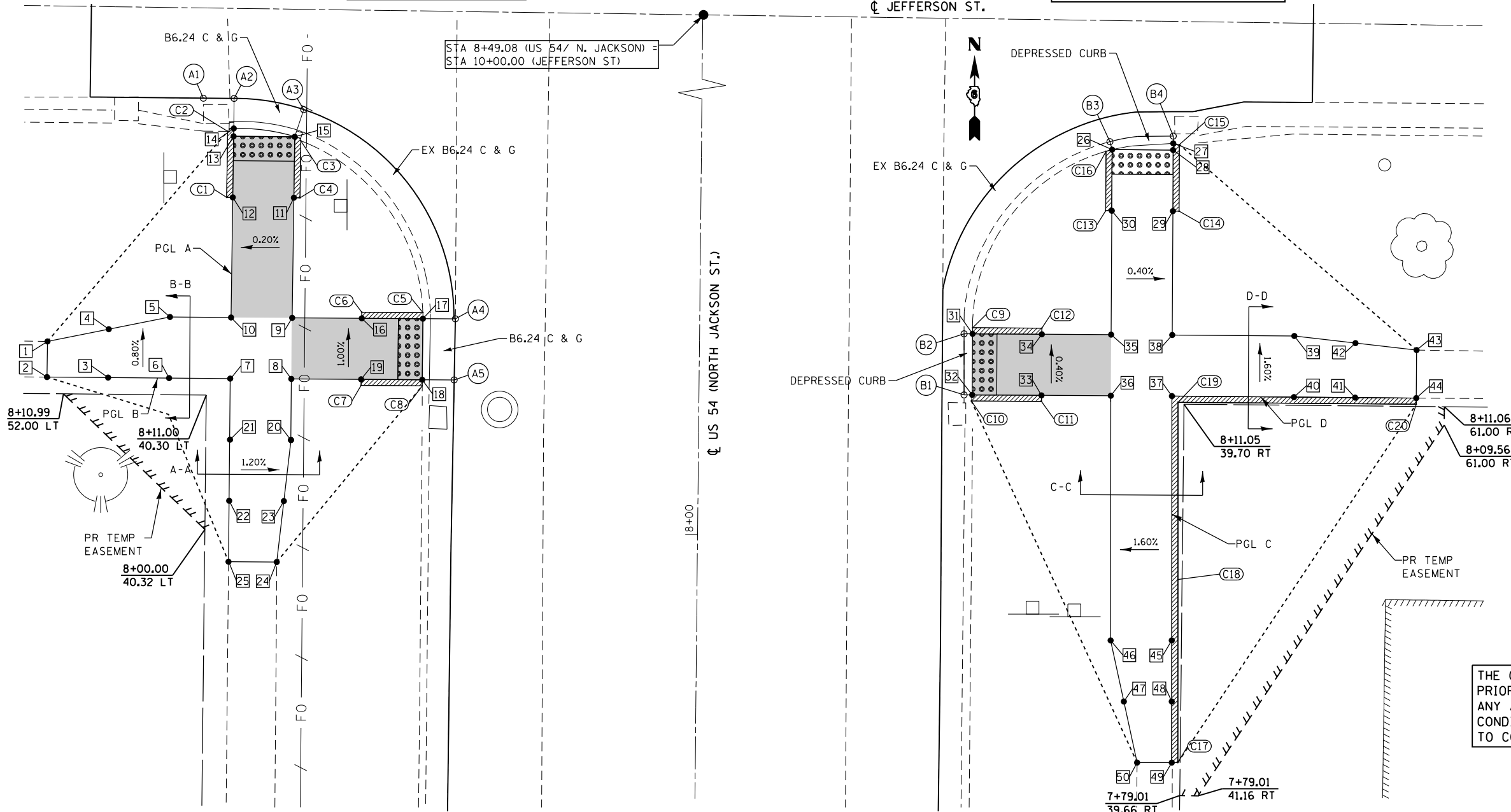
EDGE OF DEPRESSED CURB ELEVATIONS – S.E. QUADRANT US 54 / JACKSON ST. – JEFFERSON ST.

POINT	US 54/JACKSON ST.		JEFFERSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	8+11.64	21.69' RT	10+21.83	37.35' RT	723.51 ▲
B2	8+16.64	21.65' RT	10+21.77	32.35' RT	723.49 ▲
B3	8+32.49	33.42' RT	10+33.48	16.46' RT	723.46 ▲
B4	8+33.00	38.54' RT	10+38.60	15.93' RT	723.40 ▲

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

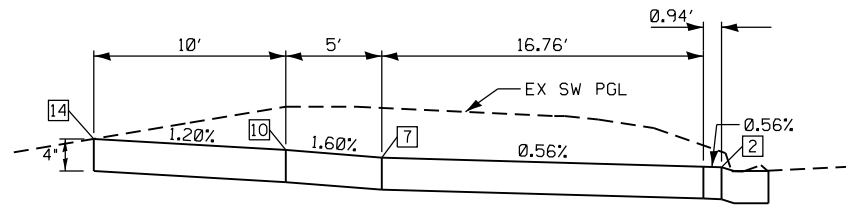
ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.



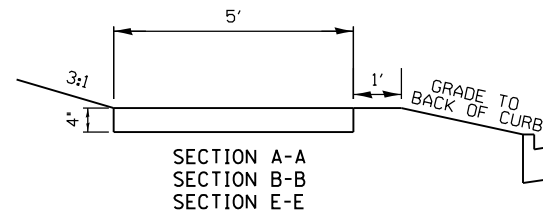
THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 FOR ADDITIONAL INFORMATION.

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.

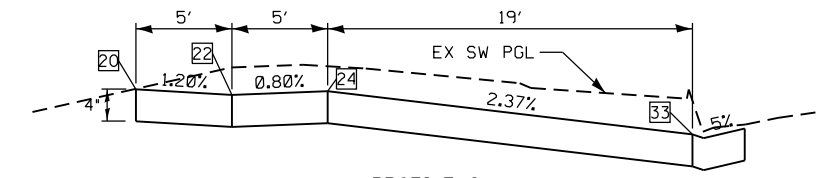
JEFFERSON STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



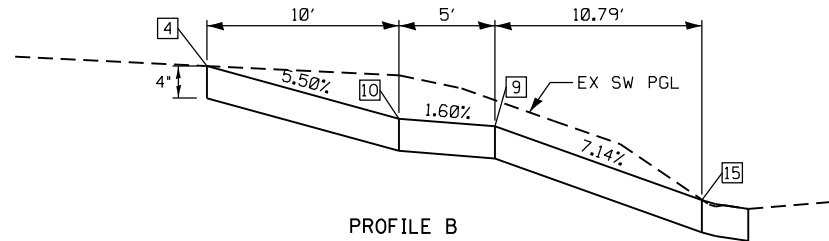
PROFILE A



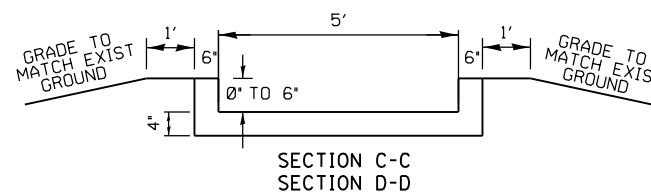
SECTION A-A
SECTION B-B
SECTION E-E



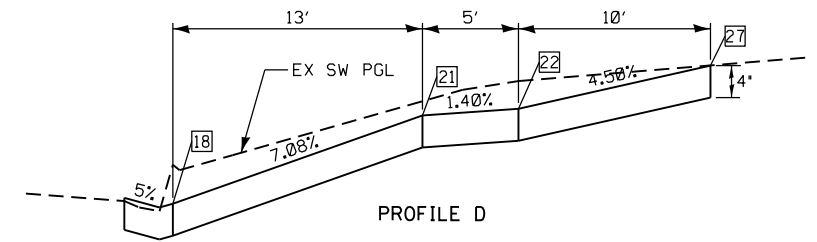
PROFILE C



PROFILE B

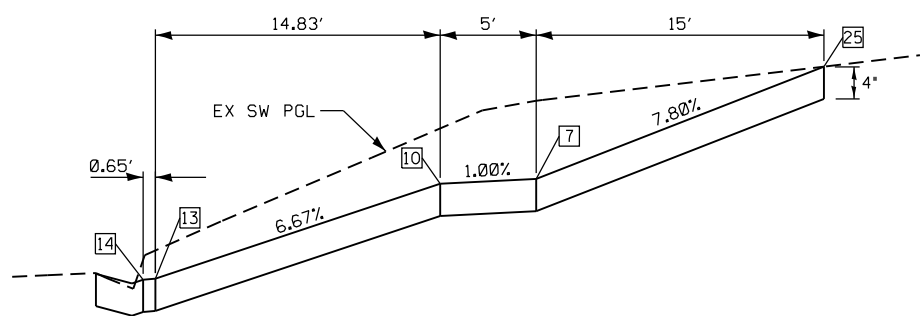


SECTION C-C
SECTION D-D

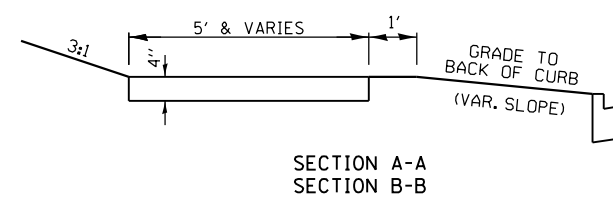


PROFILE D

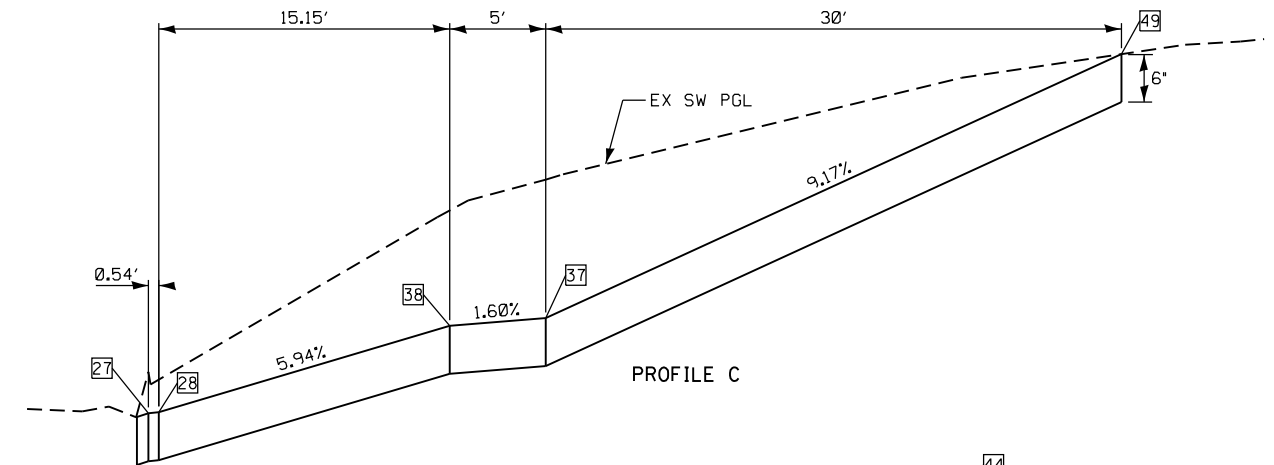
JEFFERSON STREET S.W. & S.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



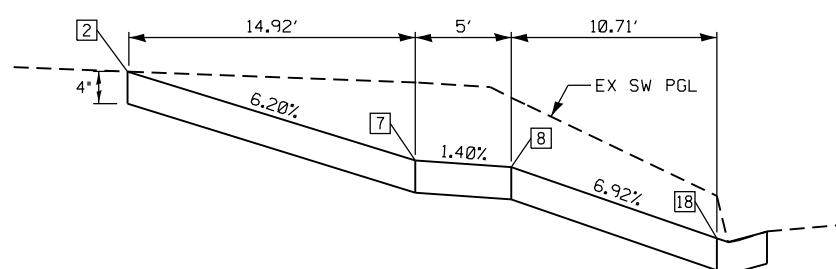
PROFILE A



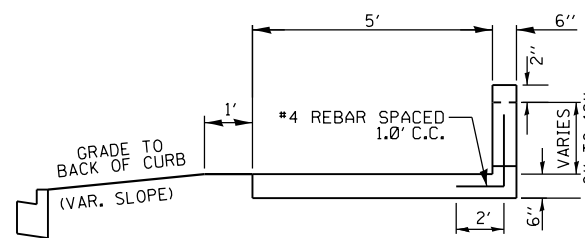
SECTION A-A
SECTION B-B



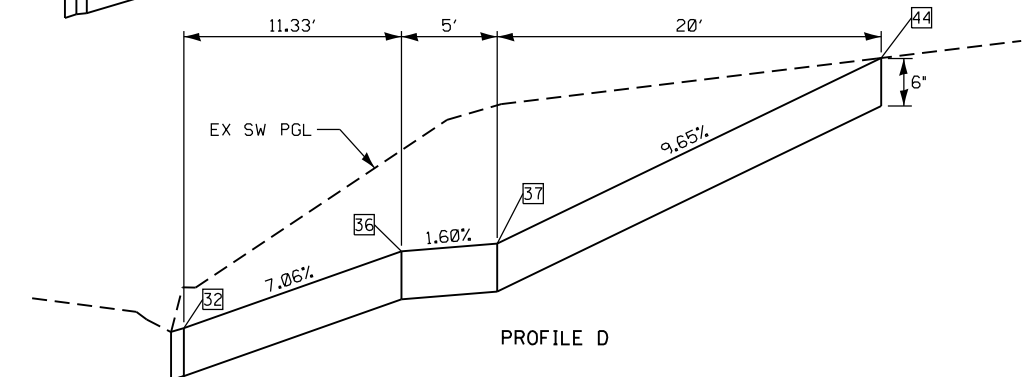
PROFILE C



PROFILE B



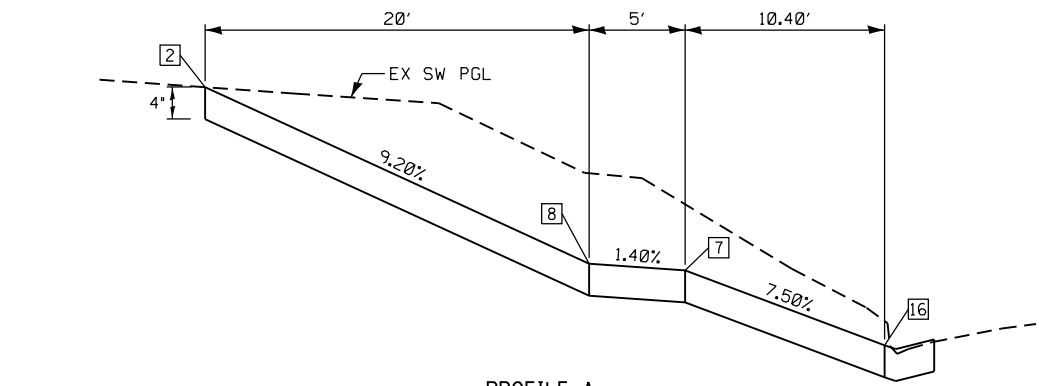
SECTION C-C
SECTION D-D



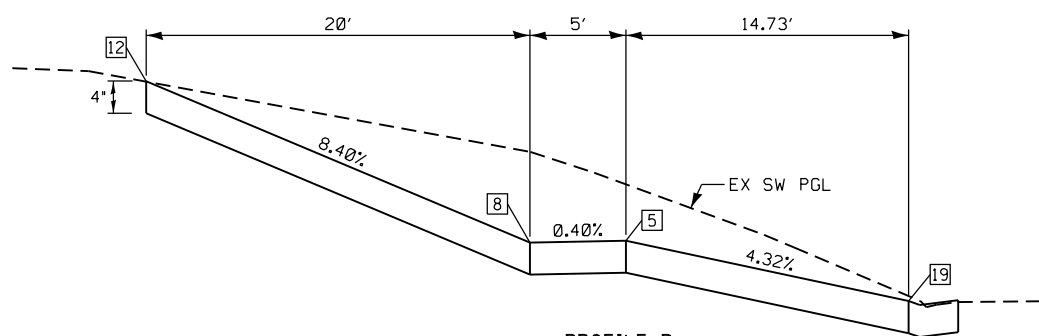
PROFILE D

JEFFERSON STREET
SHEET 3 OF 3

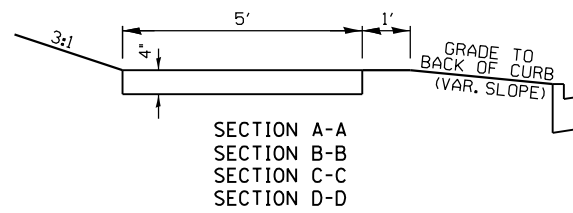
PERRY STREET N.W. & N.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



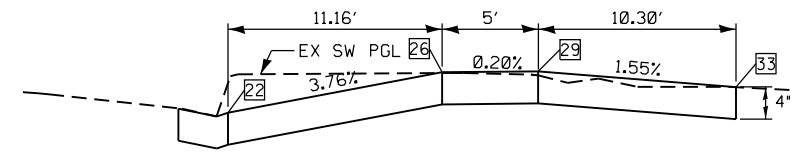
PROFILE A



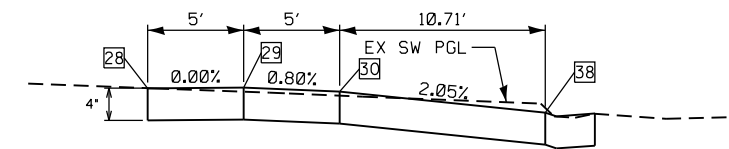
PROFILE B



SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D

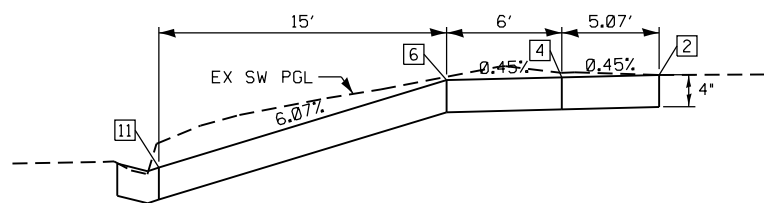


PROFILE C

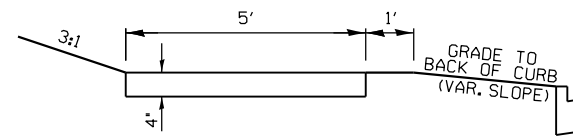


PROFILE D

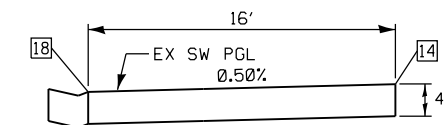
PERRY STREET S.W. & S.E. QUADRANTS PROFILES AND TYPICAL SECTIONS



PROFILE A



SECTION A-A
SECTION B-B



PROFILE B

PERRY STREET
SHEET 3 OF 3

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	120
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

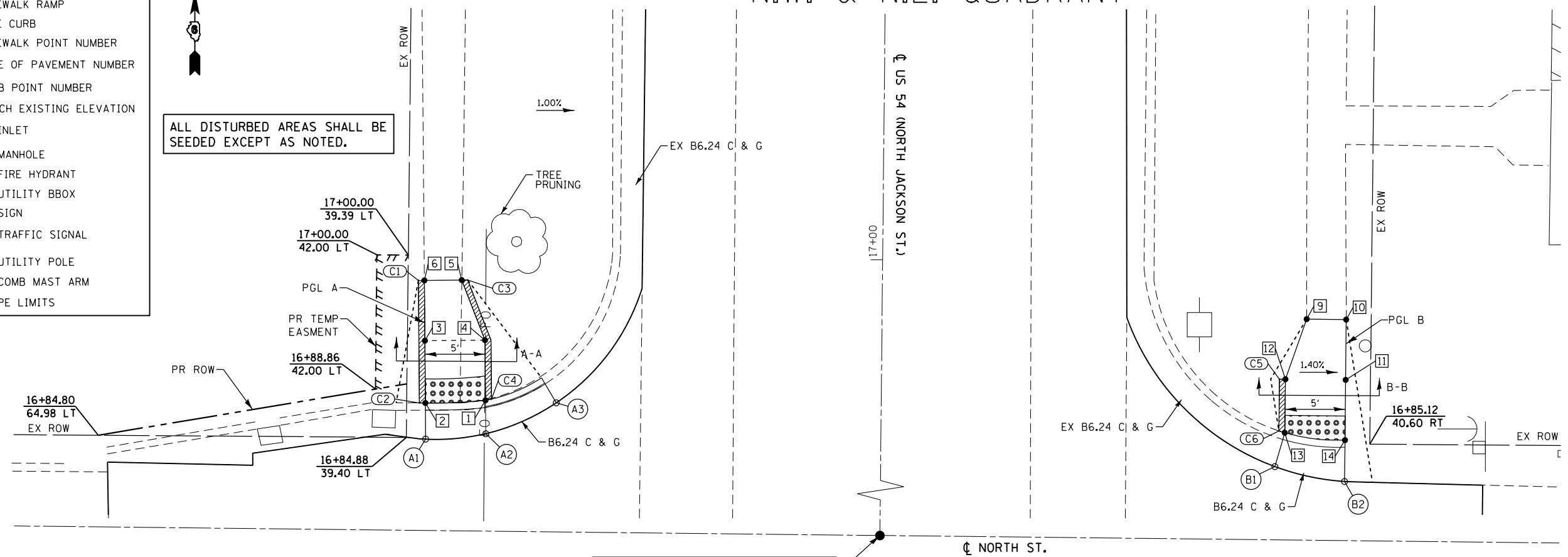
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NORTH STREET N.W. & N.E. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.



**SIDEWALK ELEVATIONS
NORTH ST. - N.W. QUADRANT**

POINT	US 54-NORTH ST.		ELEVATION
	STATION	OFFSET	
1	16+88.02	32.85' LT	715.95
2	16+87.75	37.85' LT	715.98
3	16+92.92	37.94' LT	716.07
4	16+93.01	32.94' LT	716.04
5	16+97.98	34.93' LT	716.29 ▲
6	16+97.92	38.03' LT	716.30 ▲

**CURB ELEVATIONS - N.W./N.E. QUADRANT
US 54 / JACKSON ST - NORTH ST.**

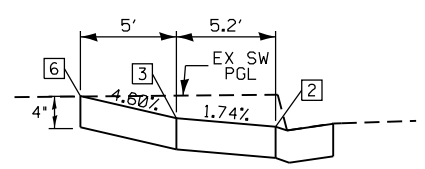
POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	716.30	0"
C2	716.48	6"
C3	716.07	0"
C4	716.45	6"
C5	714.64	0"
C6	715.22	6"

**SIDEWALK ELEVATIONS
NORTH ST. - N.E. QUADRANT**

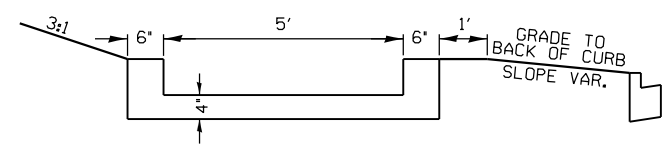
POINT	US 54-NORTH ST.		ELEVATION
	STATION	OFFSET	
9	16+95.44	35.26' RT	714.55 ▲
10	16+95.44	38.54' RT	714.46 ▲
11	16+90.44	38.54' RT	714.57
12	16+90.44	33.54' RT	714.64
13	16+85.99	33.54' RT	714.72
14	16+85.43	38.54' RT	714.68

**EDGE OF PAVEMENT ELEVATIONS - N.W./N.E. QUADRANT
US 54 / JACKSON ST. - NORTH ST.**

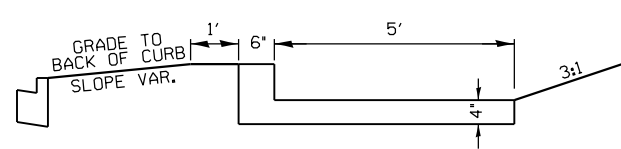
POINT	US 54/JACKSON ST.		NORTH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	16+84.74	37.80' LT	9+62.19	12.26' LT	716.01 ▲
A2	16+85.26	32.80' LT	9+67.18	12.78' LT	715.94
A3	16+87.87	26.99' LT	9+73.00	15.39' LT	715.72 ▲
B1	16+83.17	32.74' RT	10+32.73	10.76' LT	714.74 ▲
B2	16+82.00	38.54' RT	10+38.53	9.58' LT	714.63



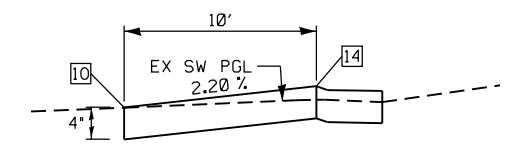
PROFILE A



SECTION A-A



SECTION B-B



PROFILE B

THE RAMPS SHALL BE BUILT TO THE LINES AND GRADES SHOWN ON THE PLAN SHEETS. SEE STANDARD 424001 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.

NORTH STREET S.W. & S.E. QUADRANT

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

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LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

**SIDEWALK ELEVATIONS
NORTH ST. - S.W. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	16+41.87	34.46' LT	716.85 Δ
2	16+41.87	37.81' LT	716.87 Δ
3	16+46.87	37.81' LT	716.66
4	16+46.87	32.81' LT	716.60
5	16+51.87	32.81' LT	716.39
6	16+51.87	37.81' LT	716.46
7	16+56.87	37.81' LT	716.25
8	16+56.40	37.81' LT	716.18

**SIDEWALK ELEVATIONS
NORTH ST. - S.E. QUADRANT**

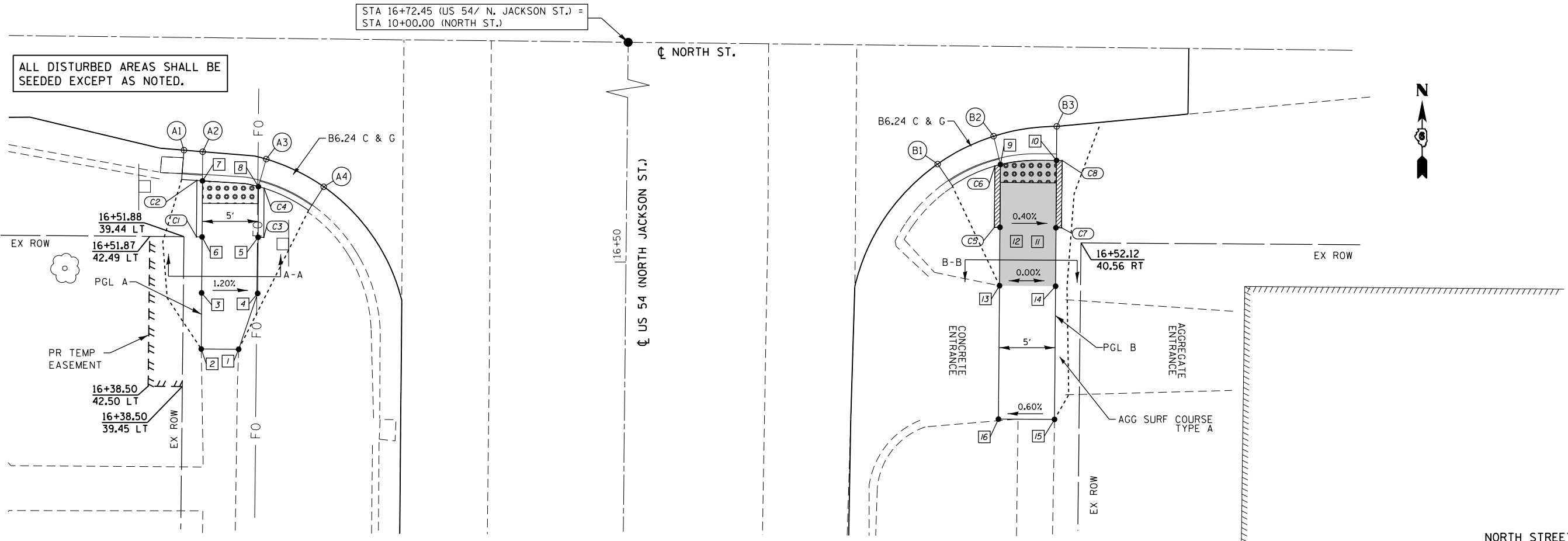
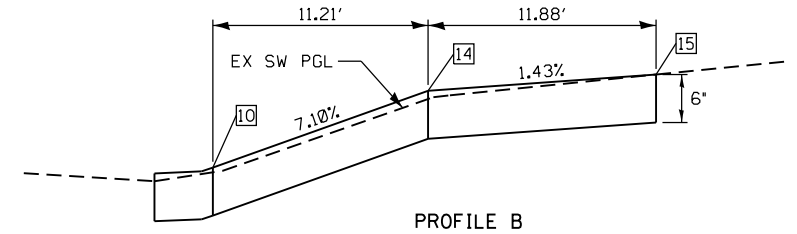
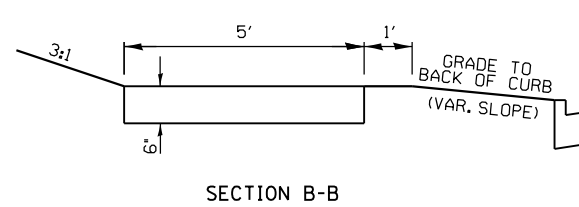
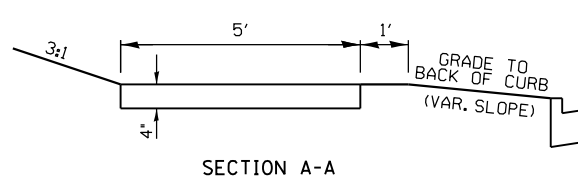
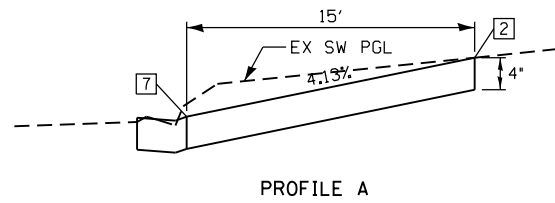
POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
9	16+59.03	33.36' RT	714.85
10	16+59.44	38.36' RT	714.81
11	16+53.44	38.36' RT	715.24
12	16+53.44	33.36' RT	715.26
13	16+48.22	33.36' RT	715.61
14	16+48.22	38.36' RT	715.61
15	16+36.34	38.36' RT	715.78 Δ
16	16+36.34	33.36' RT	715.75

**EDGE OF PAVEMENT ELEVATIONS - S.W./S.E. QUADRANT
US 54 / JACKSON ST. - NORTH ST.**

POINT	US 54/JACKSON ST.		NORTH ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	16+59.58	39.52' LT	9+60.50	12.91 RT	716.25 Δ
A2	16+59.46	37.84' LT	9+62.17	13.03' RT	716.24
A3	16+58.86	32.17' LT	9+67.84	13.62' RT	716.21
A4	16+56.44	27.02' LT	9+72.99	16.03' RT	715.98 Δ
B1	16+59.02	27.70' RT	10+27.72	13.40' RT	714.95 Δ
B2	16+61.55	32.68' RT	10+32.69	10.86' RT	714.81
B3	16+62.48	38.29' RT	10+38.30	9.93' RT	714.75

**CURB ELEVATIONS - S.W./S.E. QUADRANT
US 54 / JACKSON ST - NORTH ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	716.46	0"
C2	716.75	6"
C3	716.39	0"
C4	716.68	6"
C5	715.26	0"
C6	715.35	6"
C7	715.24	0"
C8	715.31	6"



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GRIGGSVILLE STREET S.W. & S.E. QUADRANTS

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

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LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS

SIDEWALK ELEVATIONS S.W. QUADRANT

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	19+22.14	34.90' LT	716.03 Δ
2	19+22.15	37.84' LT	716.08 Δ
3	19+37.15	37.84' LT	715.06
4	19+37.14	32.84' LT	715.04
5	19+42.14	32.83' LT	714.97
6	19+42.15	37.83' LT	714.99
7	19+57.15	37.83' LT	713.93
8	19+57.86	37.83' LT	713.93
9	19+57.14	32.83' LT	713.91

CURB ELEVATIONS - S.W./S.E. QUADRANT US 54 / N. JACKSON ST. - GRIGGSVILLE ST.

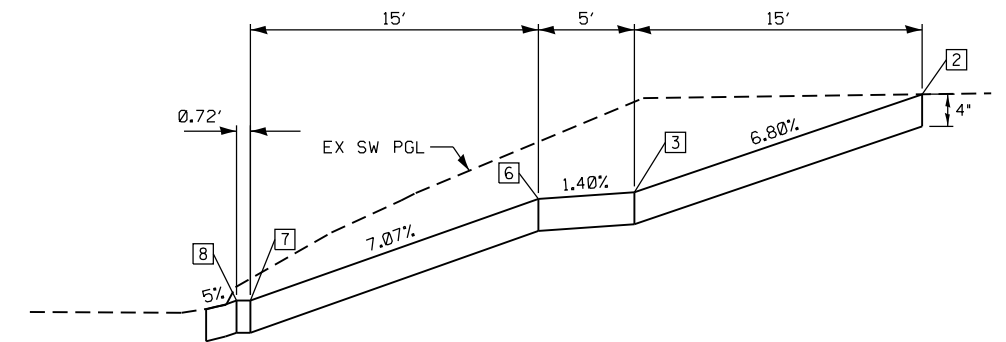
POINT	ELEVATION	CURB HEIGHT
C1	714.99	0"
C2	714.43	6"
C3	714.97	0"
C4	714.41	6"
C5	713.88	0"
C6	714.30	6"
C7	714.23	6"

SIDEWALK ELEVATIONS S.E. QUADRANT

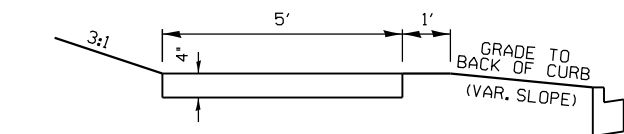
POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
10	19+55.67	33.49' RT	713.73
11	19+56.27	38.51' RT	713.67
12	19+55.57	38.49' RT	713.68
13	19+50.57	38.39' RT	713.82
14	19+50.67	33.39' RT	713.80
15	19+45.64	35.14' RT	713.88 Δ
16	19+45.57	38.29' RT	713.88 Δ

EDGE OF PAVEMENT ELEVATIONS - S.W./S.E. QUADRANT US 54 / N. JACKSON ST. - GRIGGSVILLE ST.

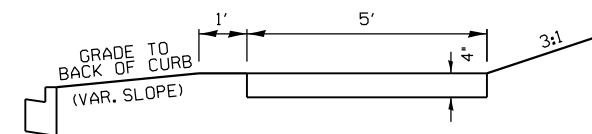
POINT	US 54/JACKSON ST.		GRIGGSVILLE ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	19+59.36	40.83' LT	9+58.81	13.90' RT	713.86 Δ
A2	19+59.45	37.83' LT	9+61.81	13.89' RT	713.84 Δ
A3	19+58.62	32.37' LT	9+67.24	14.86' RT	713.82 Δ
A4	19+57.38	29.30' LT	9+70.28	16.18' RT	713.79 Δ
B1	19+58.25	32.74' RT	10+32.69	10.90' RT	713.76 Δ
B2	19+58.85	38.56' RT	10+38.47	10.32' RT	713.67 Δ



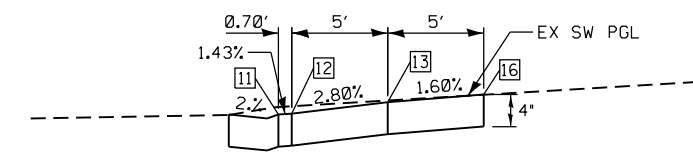
PROFILE A



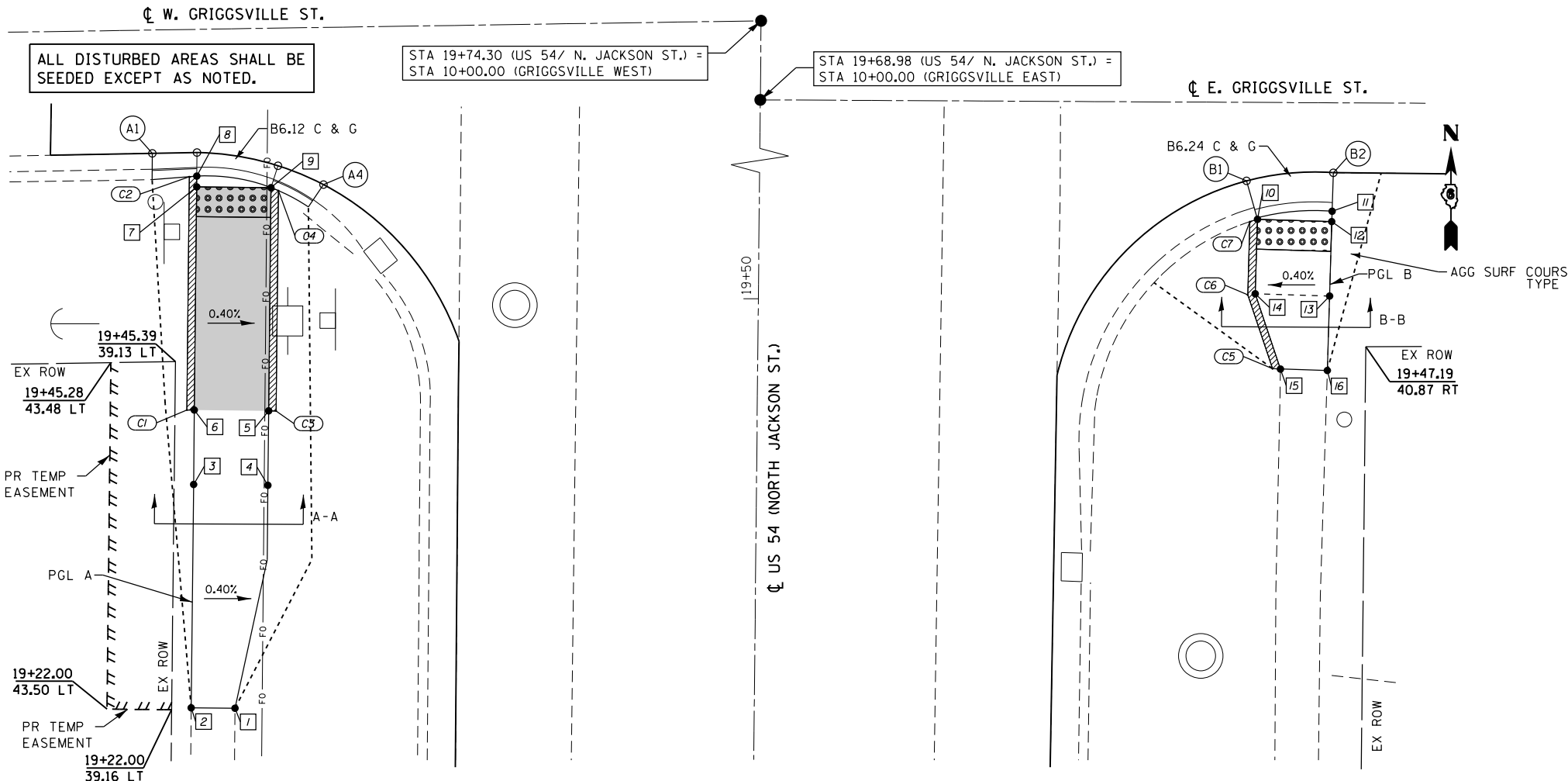
SECTION A-A



SECTION B-B

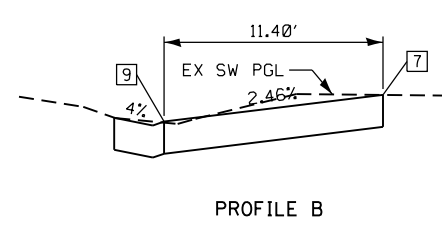
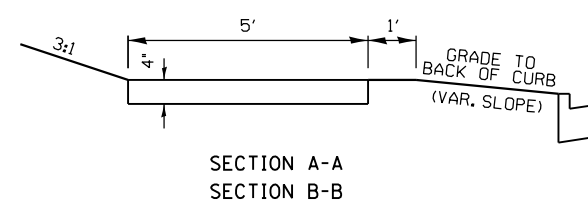
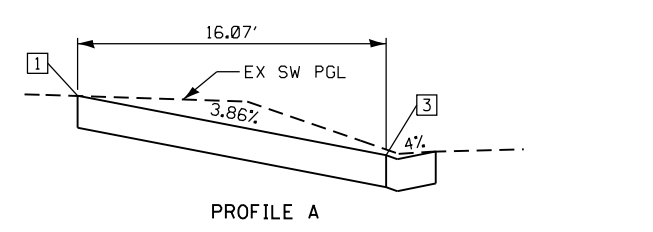
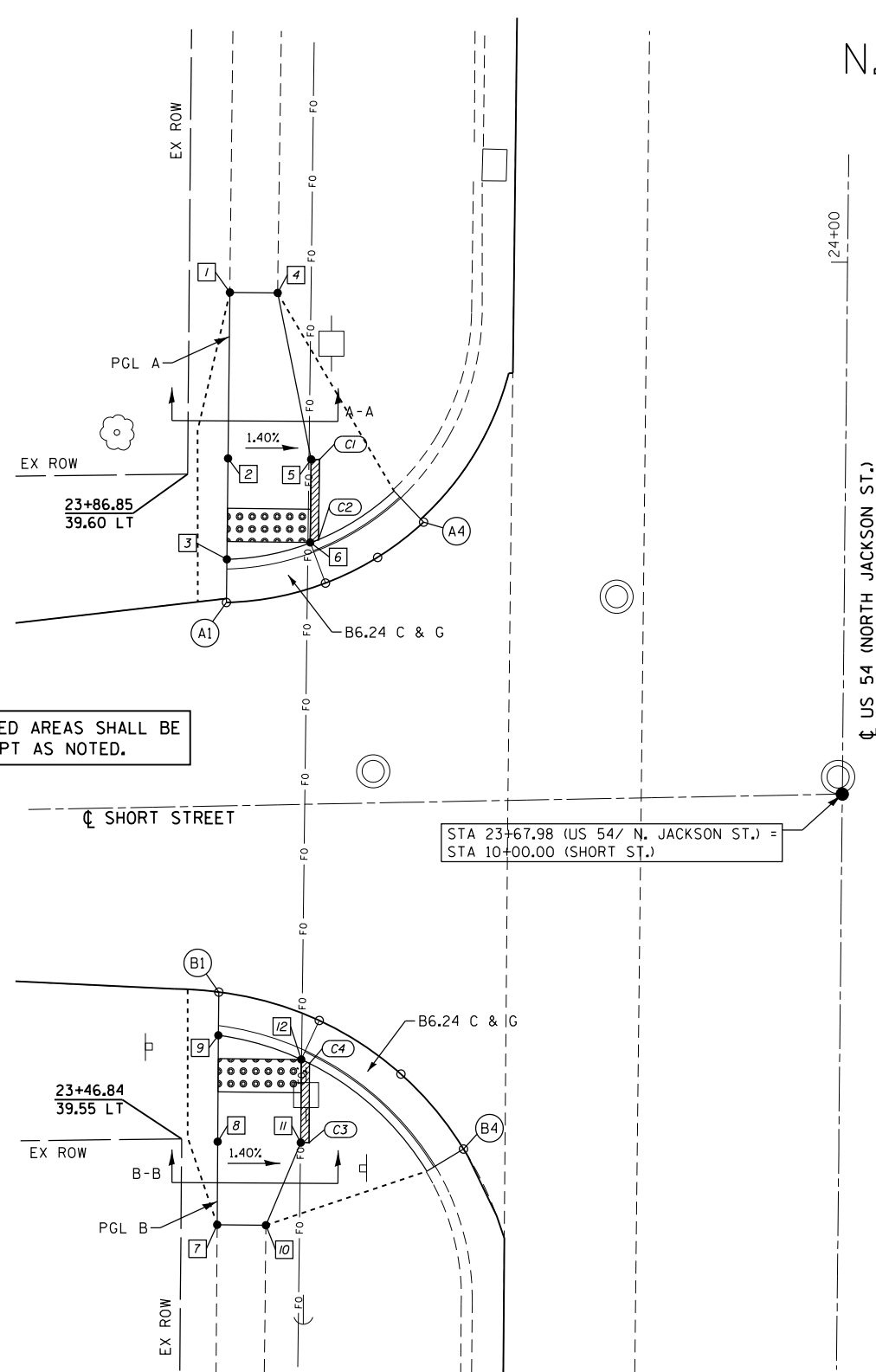


PROFILE B



SHORT STREET N.W. & S.W. QUADRANTS

LEGEND	
	- DETECTABLE WARNINGS
	- SIDEWALK RAMP
	- SIDE CURB
	- SIDEWALK POINT NUMBER
	- EDGE OF PAVEMENT NUMBER
	- CURB POINT NUMBER
	- MATCH EXISTING ELEVATION
	- EX INLET
	- EX MANHOLE
	- EX FIRE HYDRANT
	- EX UTILITY BBOX
	- EX SIGN
	- EX TRAFFIC SIGNAL
	- EX UTILITY POLE
	- EX COMB MAST ARM
	- SLOPE LIMITS



**EDGE OF PAVEMENT ELEVATIONS – N.W./S.W. QUADRANT
US 54 /N. JACKSON ST. – SHORT ST.**

POINT	US 54/JACKSON ST.		SHORT ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	23+79.16	37.18' LT	9+63.16	12.24' LT	715.99 ▲
A2	23+80.38	31.23' LT	9+69.15	13.29' LT	715.96
A3	23+81.95	28.11' LT	9+72.30	14.78' LT	715.76
A4	23+84.10	25.36' LT	9+75.11	16.84' LT	715.56 ▲
B1	23+55.69	37.41' LT	9+62.25	11.21' RT	715.67 ▲
B2	23+54.04	31.34' LT	9+68.27	13.03' RT	715.63
B3	23+50.87	26.39' LT	9+73.13	16.34' RT	715.35
B4	23+46.39	22.58' LT	9+76.81	20.93' RT	715.07 ▲

**SIDEWALK ELEVATIONS
N.W./S.W. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	23+97.81	37.16' LT	716.57 ▲
2	23+87.81	37.17' LT	716.18
3	23+81.74	37.18' LT	715.95
4	23+97.81	34.28' LT	716.49 ▲
5	23+87.81	32.17' LT	716.11
6	23+82.81	31.18' LT	715.92
7	23+41.69	37.37' LT	715.91 ▲
8	23+46.69	37.38' LT	715.79
9	23+53.09	37.40' LT	715.63
10	23+41.69	34.43' LT	715.91 ▲
11	23+46.69	32.38' LT	715.72
12	23+51.69	32.40' LT	715.59

**CURB ELEVATIONS – N.W./S.W. QUADRANT
US 54 /N. JACKSON ST. – SHORT ST.**

POINT	ELEVATION	CURB HEIGHT
C1	716.11	0"
C2	716.42	6"
C3	715.72	0"
C4	716.09	6"

ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT AS NOTED.

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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

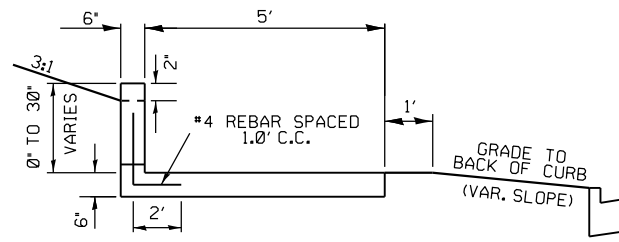
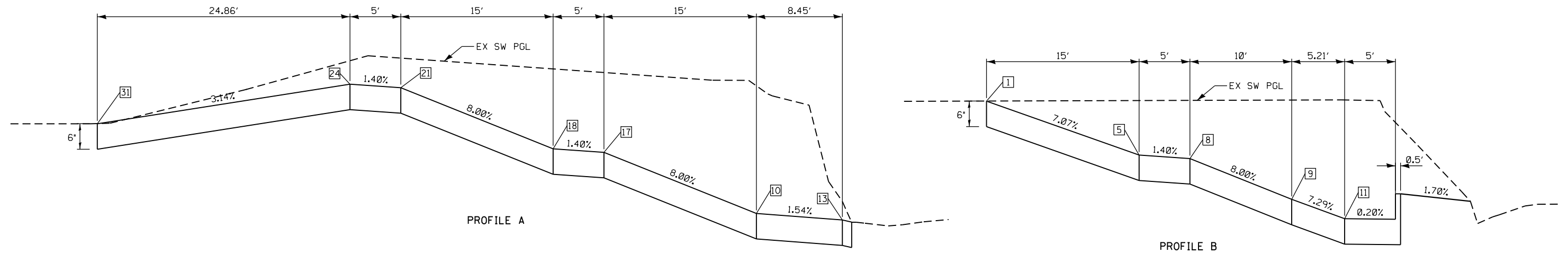
**GEOMETRIC DETAILS
SHORT STREET /N.W. & S.W. QUADRANTS
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=5' SHEET 42 OF 46 SHEETS STA. 23+41.00 TO STA. 23+98.00

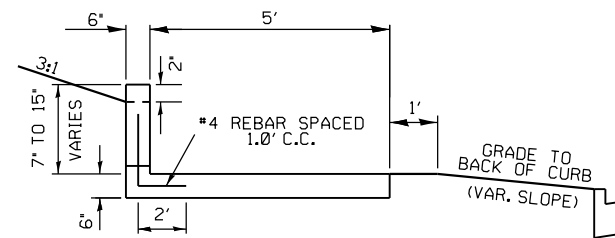
F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 125
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

SHORT STREET
SHEET 1 OF 1

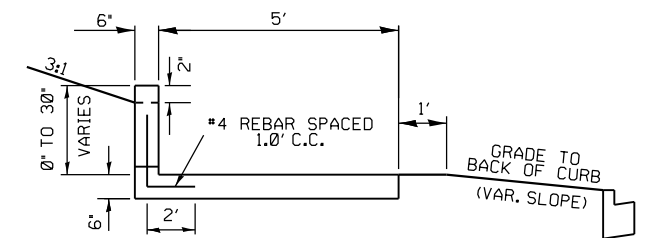
BENSON STREET N.W. QUADRANT PROFILES AND TYPICAL SECTIONS



SECTION A-A



SECTION B-B



SECTION C-C

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.

BENSON STREET
SHEET 2 OF 4

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 = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
BENSON STREET / N.W. QUADRANT
US 54 (NORTH JACKSON ST.)**

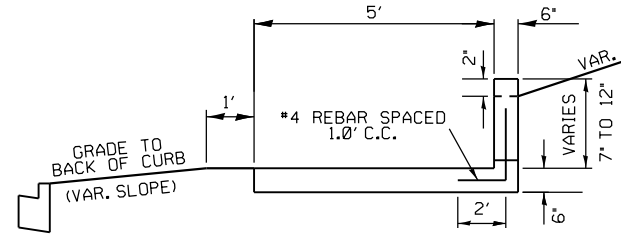
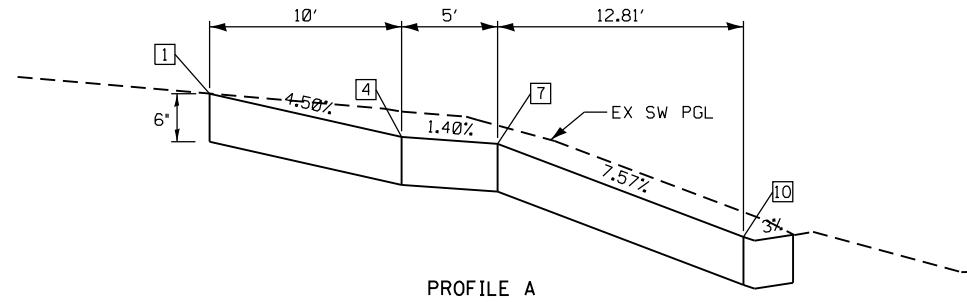
SCALE: 1"=5' SHEET 44 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	127
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

BENSON STREET N.E. QUADRANT

LEGEND

- DETECTABLE WARNINGS
- SIDEWALK RAMP
- SIDE CURB
- SIDEWALK POINT NUMBER
- EDGE OF PAVEMENT NUMBER
- CURB POINT NUMBER
- MATCH EXISTING ELEVATION
- EX INLET
- EX MANHOLE
- EX FIRE HYDRANT
- EX UTILITY BBOX
- EX SIGN
- EX TRAFFIC SIGNAL
- EX UTILITY POLE
- EX COMB MAST ARM
- SLOPE LIMITS



**CURB ELEVATIONS – N.E. QUADRANT
US 54 / N. JACKSON ST. – BENSON ST.**

POINT	TOP CURB ELEVATION	CURB HEIGHT
C1	719.20	±7"
C2	719.20	12"
C3	718.15	±8"
C4	718.13	0"
C5	717.66	6"
C6	717.71	6"
C7	718.18	0"
C8	717.04	6"

**SIDEWALK ELEVATIONS
N.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	26+88.15	38.09' RT	718.65
2	26+88.11	34.12' RT	718.67
3	26+78.10	33.17' RT	718.25
4	26+78.15	38.17' RT	718.20
5	26+78.25	48.17' RT	718.15
6	26+74.91	48.21' RT	718.12
7	26+73.15	38.21' RT	718.13
8	26+73.10	33.21' RT	718.18
9	26+60.80	33.32' RT	717.21
10	26+60.34	38.32' RT	717.16

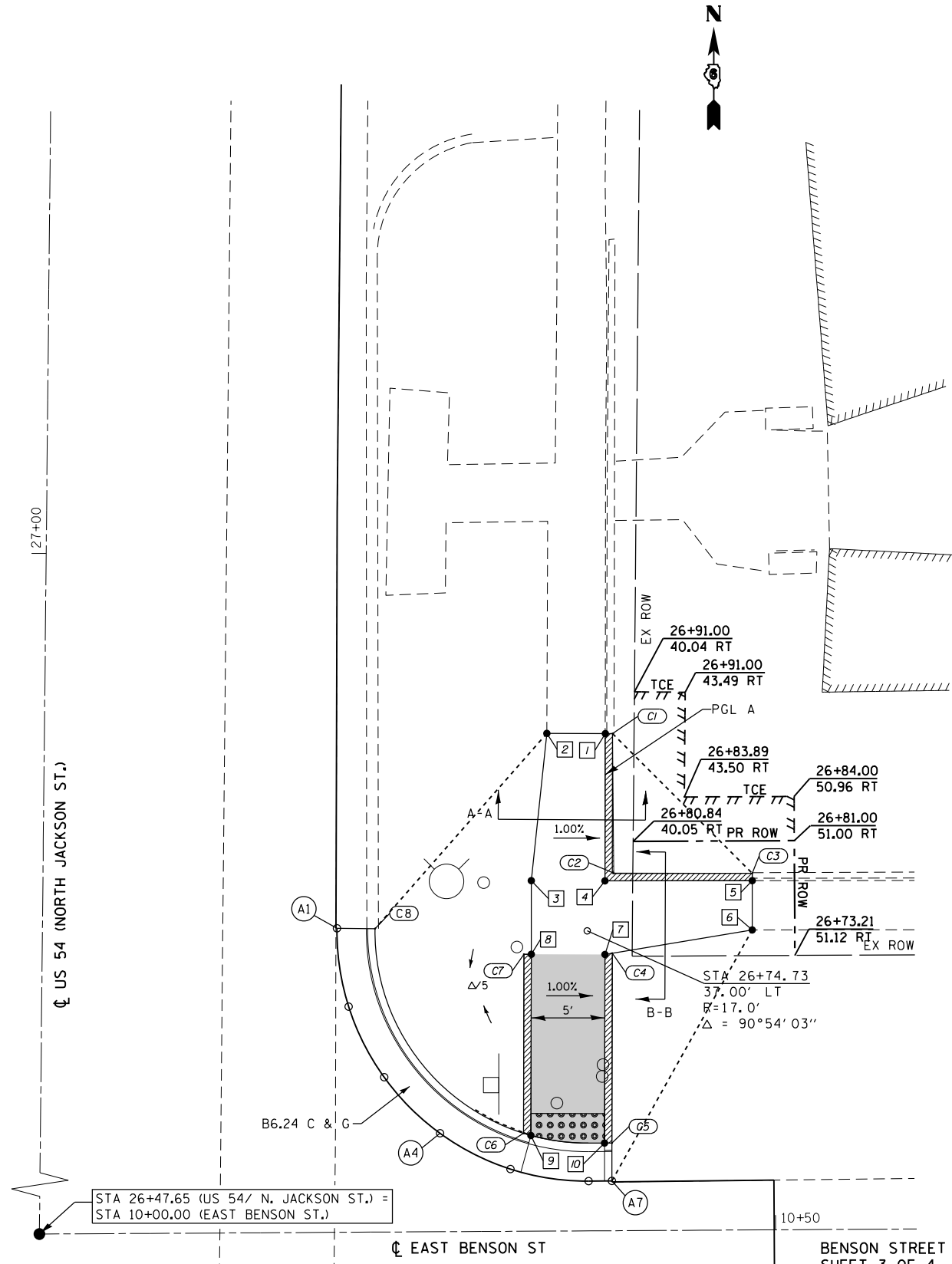
**EDGE OF PAVEMENT ELEVATIONS – N.E. QUADRANT
US 54 / N. JACKSON ST. – BENSON ST.**

POINT	US 54/JACKSON ST.		BENSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	26+74.73	20.00' RT	10+20.42	26.77' LT	716.86
A2	26+69.43	20.85' RT	10+21.19	21.45' LT	716.95
A3	26+64.66	23.31' RT	10+23.57	16.64' LT	715.05
A4	26+60.89	27.14' RT	10+27.34	12.81' LT	717.14
A5	26+58.50	31.95' RT	10+32.12	10.35' LT	717.23
A6	26+57.74	37.27' RT	10+37.42	9.50' LT	717.19
A7	26+57.76	38.84' RT	10+39.00	9.50' LT	717.18

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USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS
 BENSON STREET /N.E. QUADRANT
 US 54 (NORTH JACKSON ST.)
 SCALE: 1"=5' SHEET 45 OF 46 SHEETS STA. 26+47.00 TO STA. 27+26.00

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 128
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

BENSON STREET
SHEET 3 OF 4

BENSON STREET S.W. & S.E. QUADRANTS

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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.

CURBS SHALL BE ADJUSTED IN FIELD TO PROVIDE POSITIVE DRAINAGE.

- LEGEND**
- DETECTABLE WARNINGS
 - SIDEWALK RAMP
 - SIDE CURB
 - SIDEWALK POINT NUMBER
 - EDGE OF PAVEMENT NUMBER
 - CURB POINT NUMBER
 - MATCH EXISTING ELEVATION
 - EX INLET
 - EX MANHOLE
 - EX FIRE HYDRANT
 - EX UTILITY BBOX
 - EX SIGN
 - EX TRAFFIC SIGNAL
 - EX UTILITY POLE
 - EX COMB MAST ARM
 - SLOPE LIMITS

**CURB ELEVATIONS - S.W./S.E. QUADRANT
US 54 / N. JACKSON ST. - BENSON ST.**

POINT	ELEVATION	CURB HEIGHT
C1	718.78	0"
C2	718.93	3"
C3	718.93	4"
C4	718.98	9"
C5	719.11	15"
C6	719.16	20"
C7	719.08	20"
C8	717.41	6"
C9	717.46	6"
C10	717.83	6"
C11	717.45	6"
C12	717.39	6"
C13	718.41	12"
C14	718.61	10"
C15	718.65	6"
C16	718.52	0"
C17	717.50	6"
C18	717.43	6"
C19	717.45	6"
C20	717.56	6"
C21	717.38	6"

**SIDEWALK ELEVATIONS
S.W. QUADRANT**

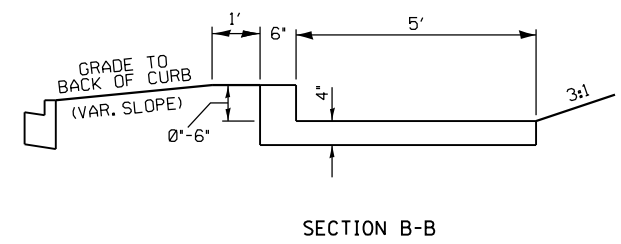
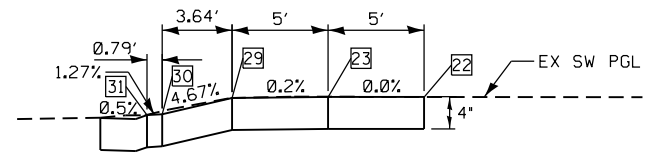
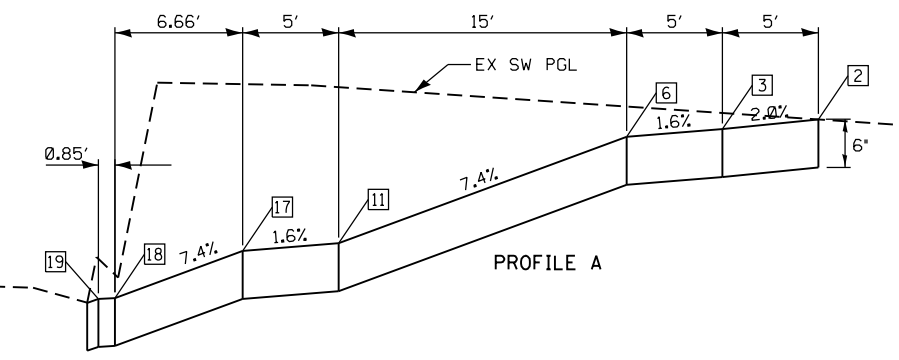
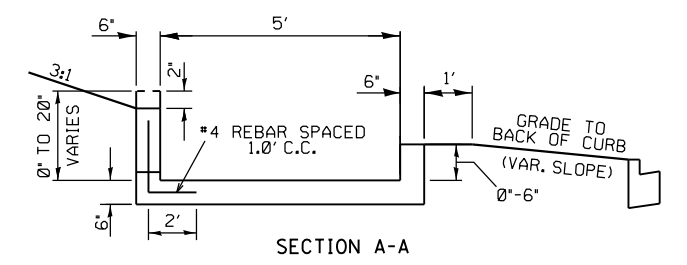
POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
1	26+00.87	33.68' LT	718.64
2	26+00.85	36.86' LT	718.78
3	26+05.85	36.90' LT	718.68
4	26+05.89	31.90' LT	718.60
5	26+10.89	31.94' LT	718.52
6	26+10.85	36.94' LT	718.60
7	26+15.85	36.97' LT	718.23
8	26+15.89	31.97' LT	718.15
9	26+20.89	32.01' LT	717.78
10	26+20.85	37.01' LT	717.86
11	26+25.85	37.04' LT	717.49
12	26+25.89	32.03' LT	717.41
13	26+25.97	24.34' LT	716.90
14	26+25.99	22.67' LT	716.89
15	26+30.97	24.39' LT	716.95
16	26+30.89	32.08' LT	717.33
17	26+30.85	37.08' LT	717.41
18	26+37.41	37.13' LT	716.92
19	26+38.37	37.13' LT	716.91
20	26+37.44	32.13' LT	716.96

**EDGE OF PAVEMENT ELEVATIONS - S.W./S.E. QUADRANT
US 54 / N. JACKSON ST. - BENSON ST.**

POINT	US 54/JACKSON ST.		BENSON ST.		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	26+38.96	37.14' LT	9+62.37	14.33' RT	716.87
A2	26+37.99	31.89' LT	9+67.58	15.47' RT	716.92
A3	26+31.26	23.87' LT	9+75.37	22.46' RT	716.91
A4	26+25.99	21.99' LT	9+77.08	27.79' RT	716.85
B1	26+26.47	22.96' RT	10+22.62	21.54' RT	716.89
B2	26+32.00	26.61' RT	10+26.36	16.07' RT	716.91
B4	26+37.63	32.04' RT	10+31.88	10.52' RT	716.89
B5	26+38.50	37.84' RT	10+37.69	9.75' RT	716.83

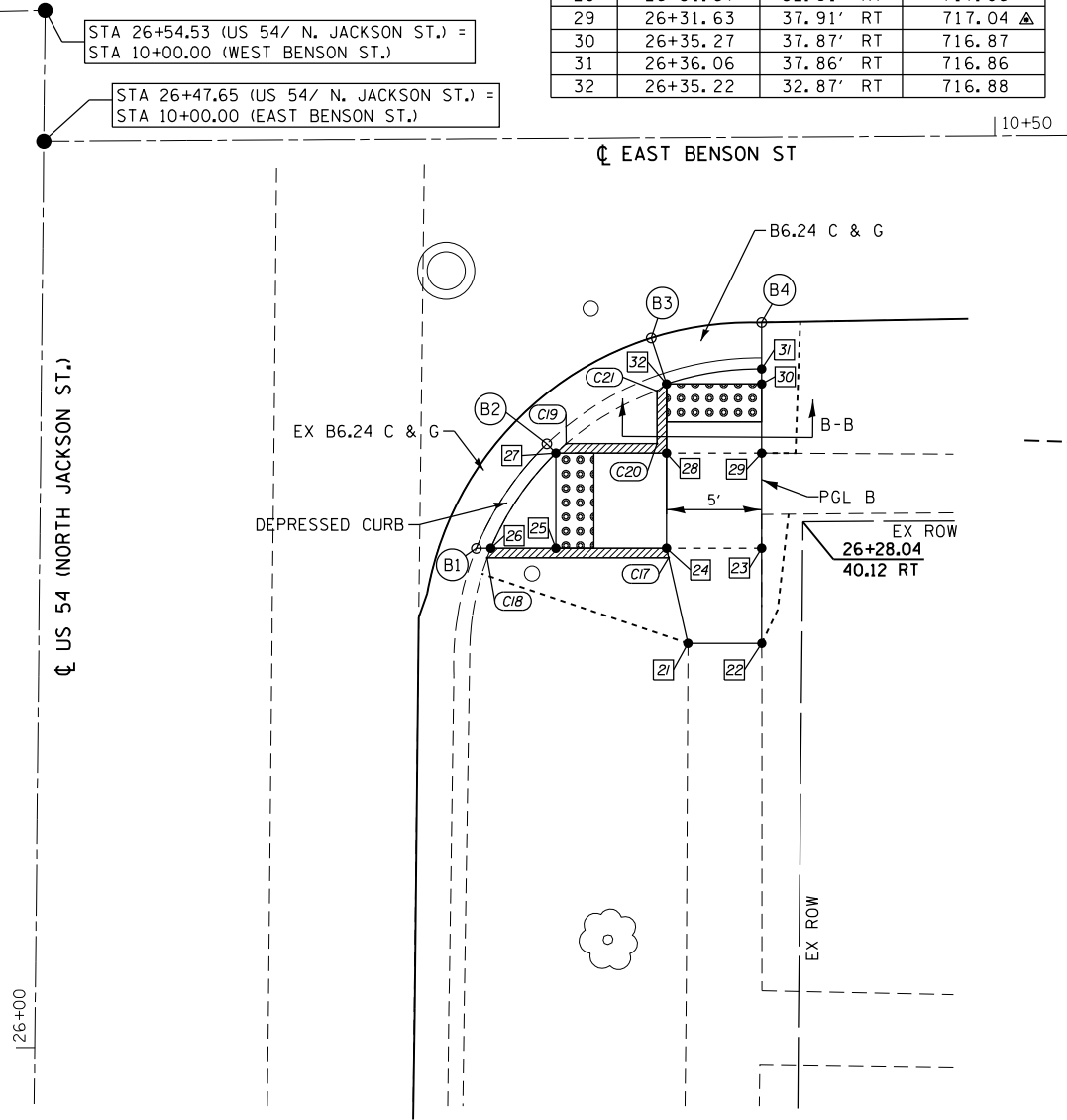
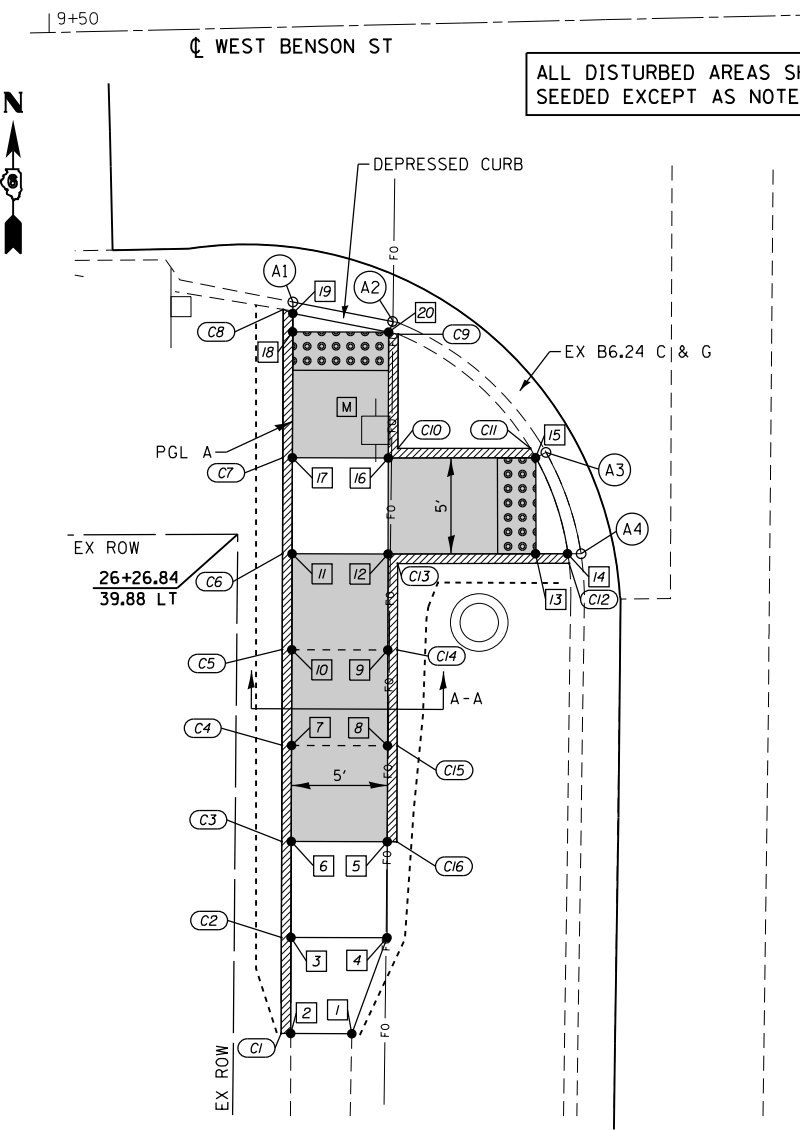
**SIDEWALK ELEVATIONS
S.E. QUADRANT**

POINT	US 54-JACKSON ST.		ELEVATION
	STATION	OFFSET	
21	26+21.59	34.13' RT	717.05
22	26+21.63	38.02' RT	717.05
23	26+26.63	37.97' RT	717.05
24	26+26.57	32.97' RT	717.00
25	26+26.51	27.14' RT	716.95
26	26+26.48	23.73' RT	716.93
27	23+31.51	27.09' RT	716.95
28	26+31.57	32.91' RT	717.06
29	26+31.63	37.91' RT	717.04
30	26+35.27	37.87' RT	716.87
31	26+36.06	37.86' RT	716.86
32	26+35.22	32.87' RT	716.88



REV. 1-7-2020

BENSON STREET
SHEET 4 OF 4



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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 = cds
PLOT SCALE = 10.0000' / 1" IN.
PLOT DATE = 12/19/2019

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC DETAILS
BENSON STREET /S.W. & S.E. QUADRANTS
US 54 (NORTH JACKSON ST.)**

SCALE: 1"=5' SHEET 46 OF 46 SHEETS STA. 26+00.00 TO STA. 26+54.53

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	129
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

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

15'-UC
3" PVC

15'-UC
3" PVC

TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62201-2172-3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackee	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX
TRAFFIC SIGNAL LEGEND STANDARD**

SCALE: SHEET 1 OF 27 SHEETS STA. TO STA.

F.A.P. RTE. 321	SECTION (20,107) RS-8, ADA	COUNTY PIKE	TOTAL SHEETS 181	SHEET NO. 130
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

OVERALL SUMMARY OF QUANTITIES: US 54, PITTSFIELD

PAYITEM NO.	ITEM	UNIT	TOTAL QUANTITY	INTERCONNECT QUANTITY	SHETLAND QUANTITY	FRANKLIN QUANTITY	MEMORIAL QUANTITY	MADISON QUANAITY	JACKSON QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	4		1		1	1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	7459	6531	67	40	363	216	242
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	188		57		37		94
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	435		112		96	123	104
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	266		62		82	10	112
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	132					75	57
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	113		10		14	77	12
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	12		3		3	3	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	4		1		1	1	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	20	20					
81500130	GULFBOX JUNCTION REMOVAL	EACH	8	1	4	3			
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	7224		1125		2472	1209	2418
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	14		2		4	4	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5		1	1	1	1	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	4		1		1	1	
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	5		1	1	1	1	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3C	FOOT	534				403	131	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	9010		1240	819	2605	1964	2382
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	773		197		328		248
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C	FOOT	1353		72		291	193	797
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 12C	FOOT	382					382	
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	3976		623	709	842	938	864
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6, 2 C	FOOT	691		54		221	203	213
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	1894		317	361	407	387	422
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	7		2		2	2	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	7		1		2	1	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	9			4	1	3	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	2		1				1
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	3		1		2		
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1				1		
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	2		1		1		
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1						1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1						1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1						1
87704319	STEEL COMBO MA ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20' & 54'	EACH	1					1	
87704519	STEEL COMBO MA ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48' & 36'	EACH	1					1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	42		9		12	9	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	14		3.5		3.5	3.5	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	95.5		34		48		13.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	78					34	44
87900200	DRILL EXISTING HANDHOLE	EACH	6	2		4			
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BM	EACH	10		2		2	2	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	19		4	2	4	5	4
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BM	EACH	2			2			
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	9		1	2	2	1	3
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BM	EACH	5		1		2	1	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-4 SECTION, BM	EACH	7		1		2	1	3
88040355	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BM	EACH	1					1	
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	16			4	4	4	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	75		10	15	16	15	19
88800100	PEDESTRIAN PUSH-BUTTON	EACH	32			8	8	8	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				1	1	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	4		1		1	1	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1			1			
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1			1			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	142		15	20	45	32	30
89502380	REMOVE EXISTING HANDHOLE	EACH	16	4	3		3	3	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1				1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	32		6		9	9	8
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	4		1		1	1	1
X0326266	ETHERNET SWITCH	EACH	5		1	1	1	1	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	100		20	20	20	20	20
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	4		1		1	1	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	7671	7671					
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	19		3	4	4	4	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	5		1	1	1	1	1

EX TRAFFIC SIGNALS & REMOVAL NOTES:

- INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION PURPOSES ONLY;
- THE REMOVAL OF LUMINAIRES LOCATION ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED. THE REMOVAL OF THE LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY;
- ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF CONTRACTOR;
- 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;
- EXISTING CONDUITS AND ELECTRIC CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLES AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRIC CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLE AND REMOVE EXISTING CONCRETE FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

TEMPORARY TRAFFIC SIGNAL NOTES

- TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES;
- TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS;
- TEMPORARY POLES SHALL BE BURIED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENT SHALL BE CONSIDERED PART OF THE PAY ITEM FOR "TEMPORARY TRAFFIC SIGNAL INSTALLATION;"
- POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS;
- THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM SHALL BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY TRAFFIC SIGNALS. ONCE THE PROPOSED TRAFFIC SIGNALS AND EQUIPMENT ARE OPERATIONAL, THE VIDEO VEHICLE DETECTION SYSTEM SHALL BE RELOCATED TO THE MAST ARM LOCATIONS ARE DESIGNATED IN THE PLANS. THIS WORK SHALL BE PAID FOR, PER INTERSECTION, AS "RELOCATE VIDEO VEHICLE DETECTION SYSTEM;"
- EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS

PR TRAFFIC SIGNAL NOTES

- UTILITY INFORMATION SHOWN 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 THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E;"
- PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON;
- WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY;
- SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS;
- SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

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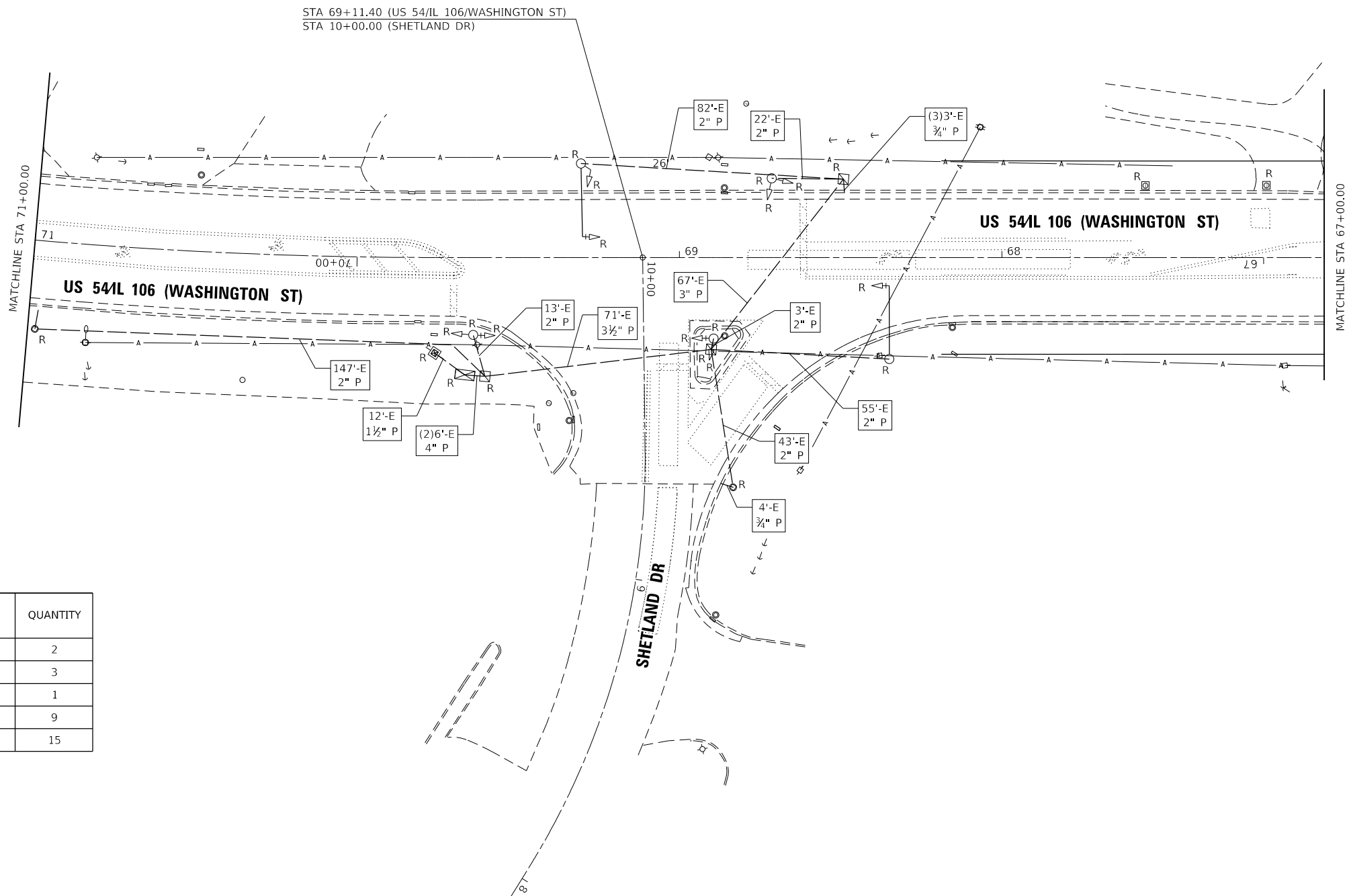
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	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
GENERAL NOTES & SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 27 SHEETS STA. TO STA.

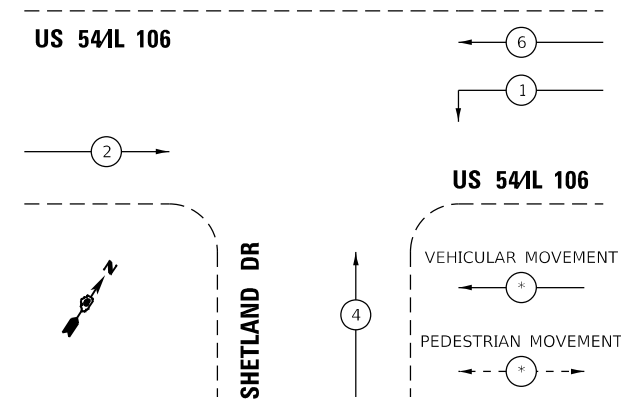
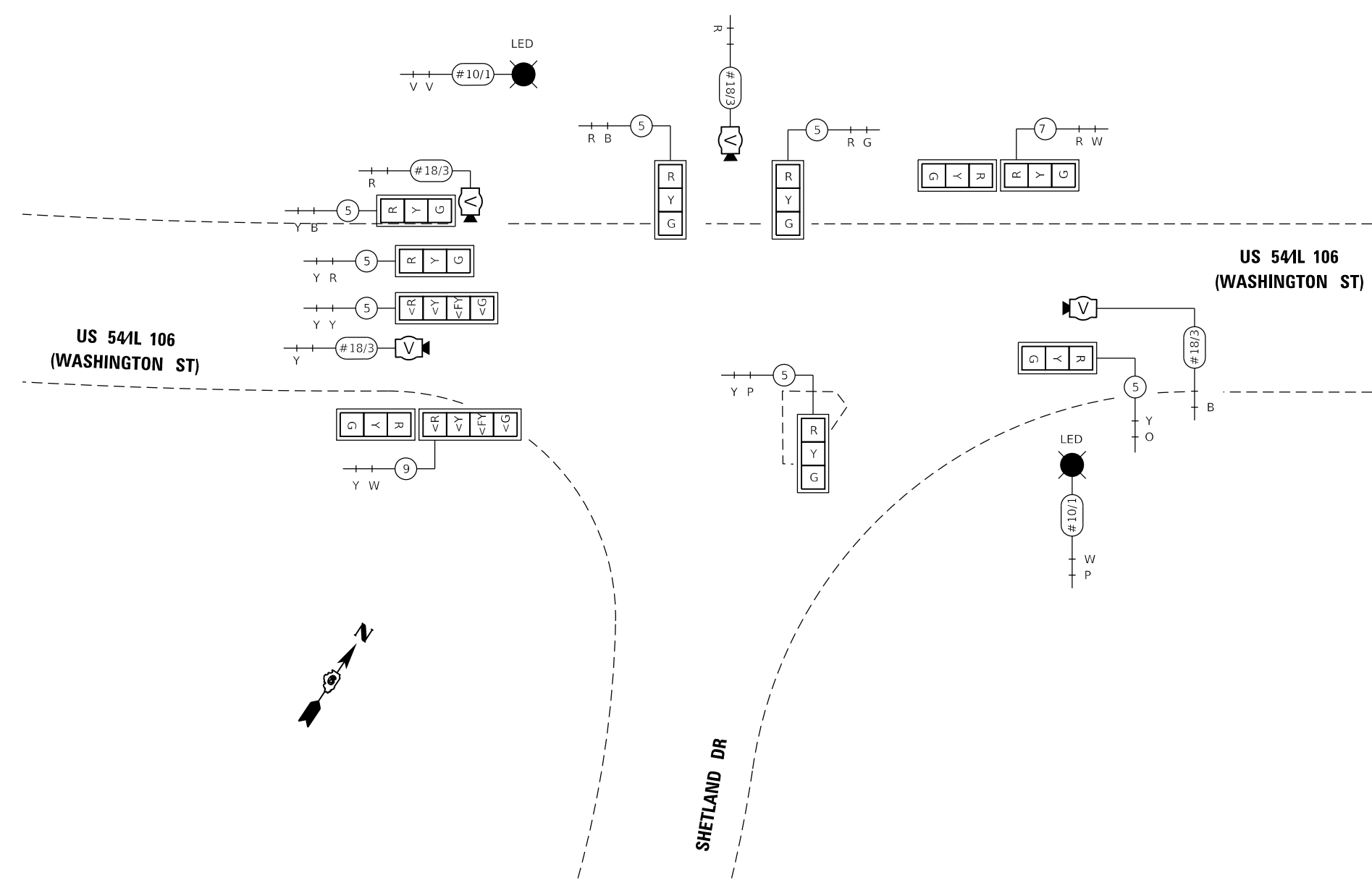
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	131
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



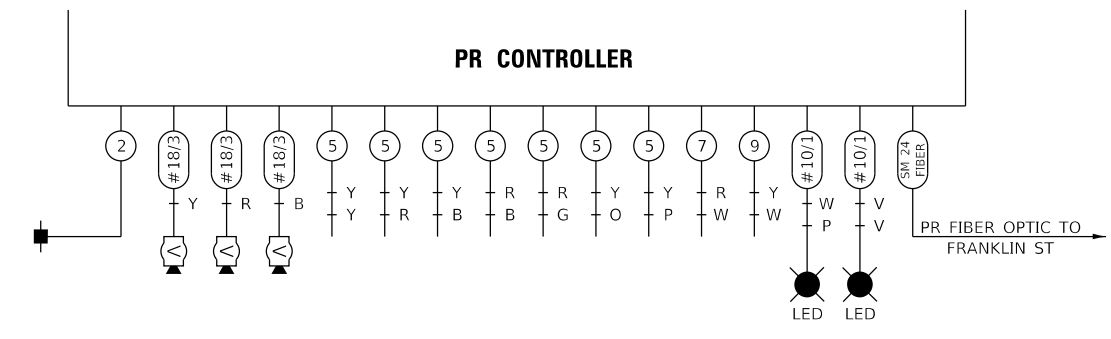
REMOVAL SCHEDULE: SHETLAND

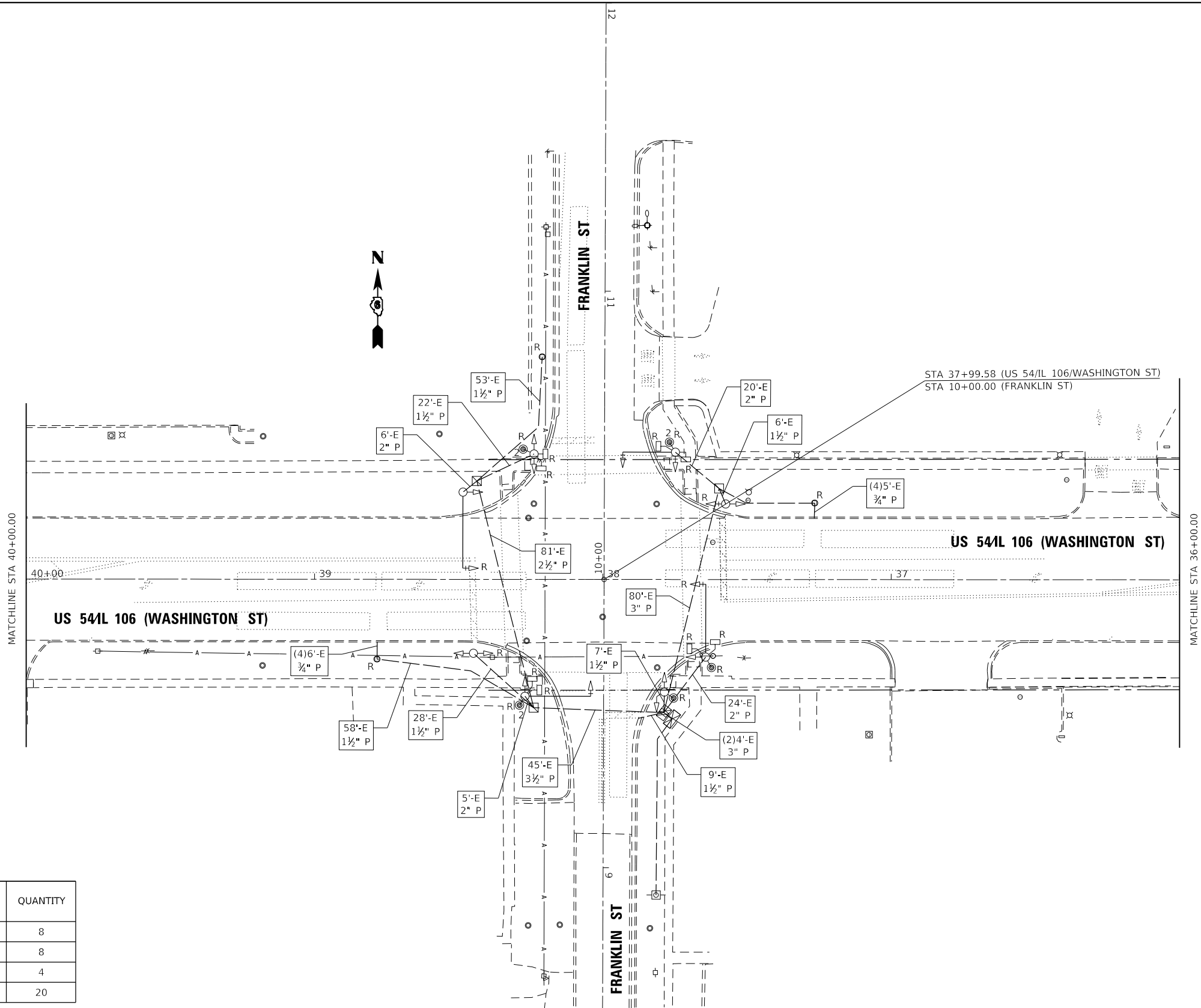
ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	2
SIGNAL POST	3
TRAFFIC SIGNAL CABINET	1
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	9
TOTAL:	15

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PR PHASING DIAGRAM





REMOVAL SCHEDULE: FRANKLIN

ITEM TO BE REMOVED	QUANTITY
PUSHBUTTON	8
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	4
TOTAL:	20

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US 541L 106

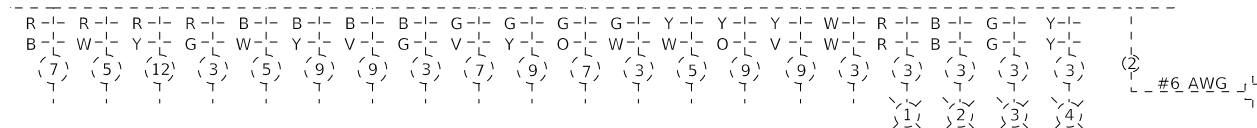
FRANKLIN ST

EX PHASING DIAGRAM



FRANKLIN ST

EX CONTROLLER

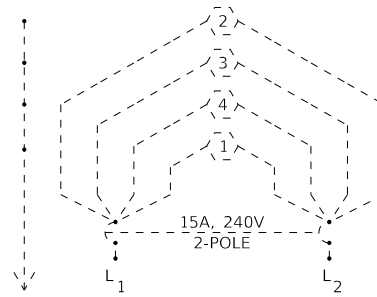
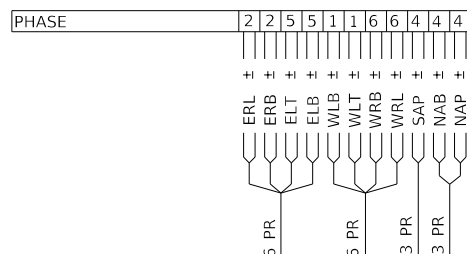


US 541L 106
(WASHINGTON ST)

US 541L 106
(WASHINGTON ST)

FRANKLIN ST

EX DETECTORS



EX LIGHTING CIRCUIT

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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 = jackce	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

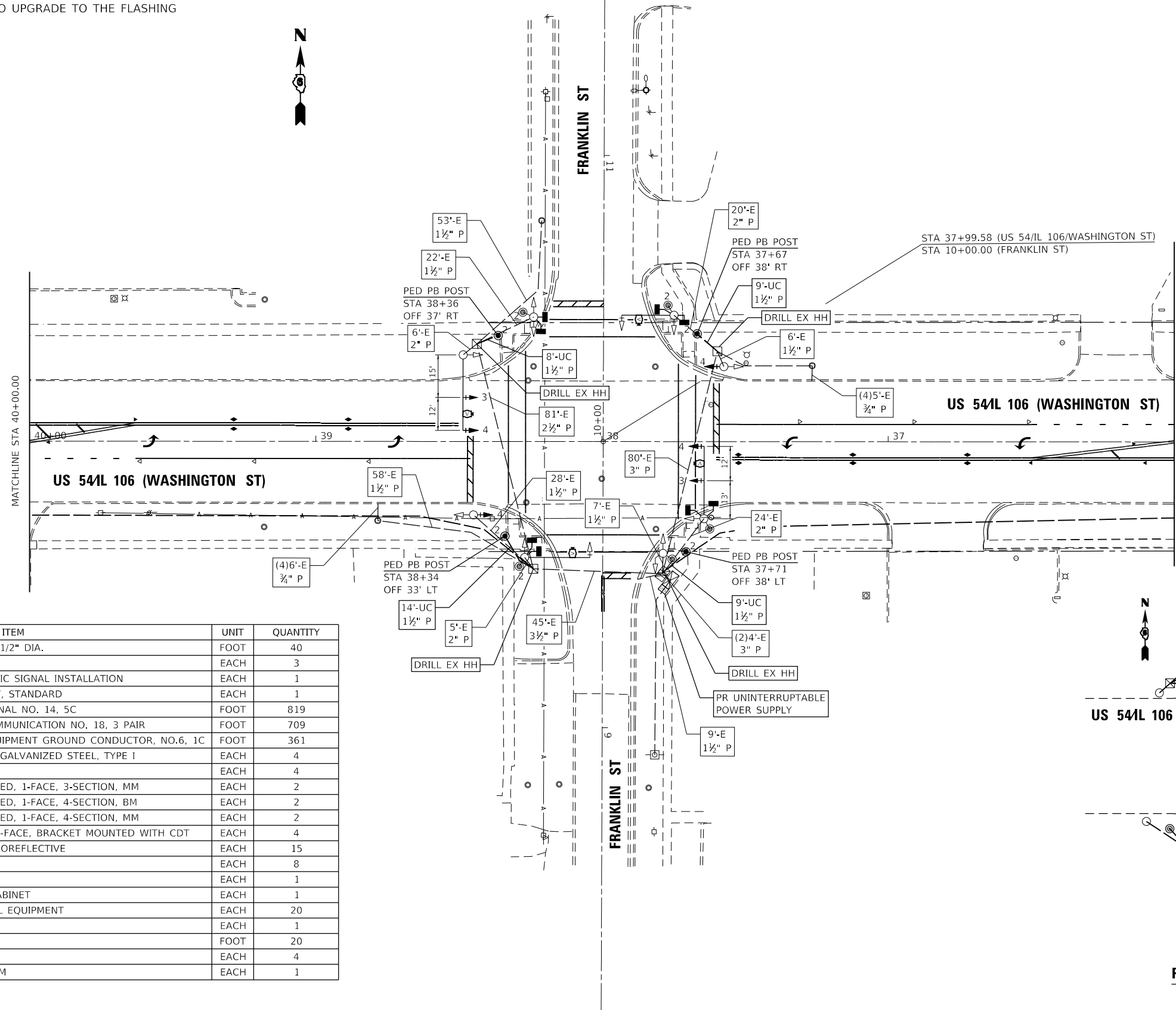
EX TRAFFIC SIGNAL DETAIL
US 541L 106 & FRANKLIN ST

SCALE: SHEET 8 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	137
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

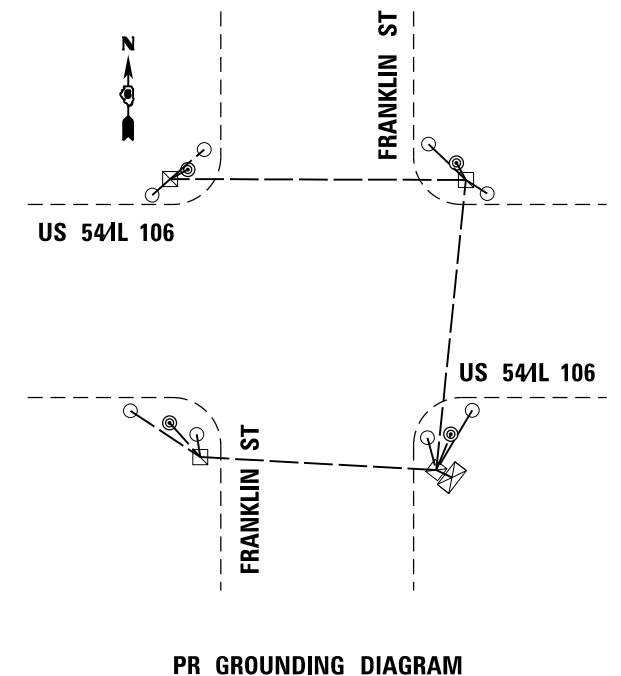
NOTES:

- CONTRACTOR WILL PROVIDE A MMU AND A TRAFFIC SIGNAL CONTROLLER THAT IS COMPATIBLE WITH THE FLASHING YELLOW ARROW OPERATION. THIS WILL ALSO CONSIST OF ANY NECESSARY WIRING AND PROGRAMMING NEEDED TO UPGRADE TO THE FLASHING YELLOW ARROW OPERATION

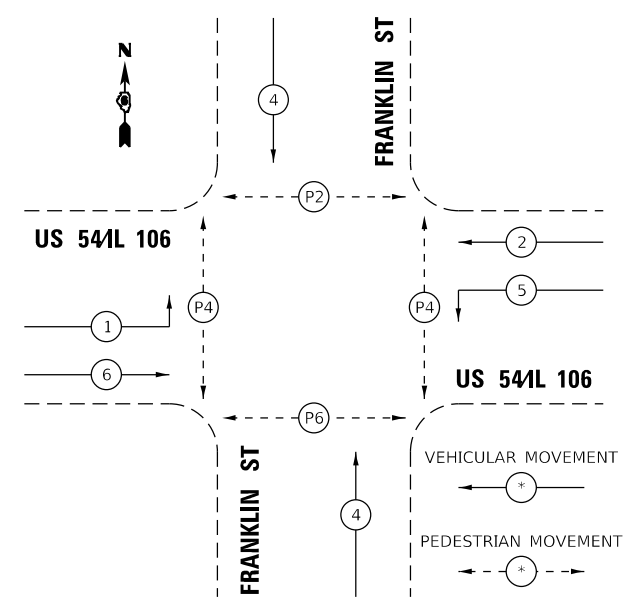
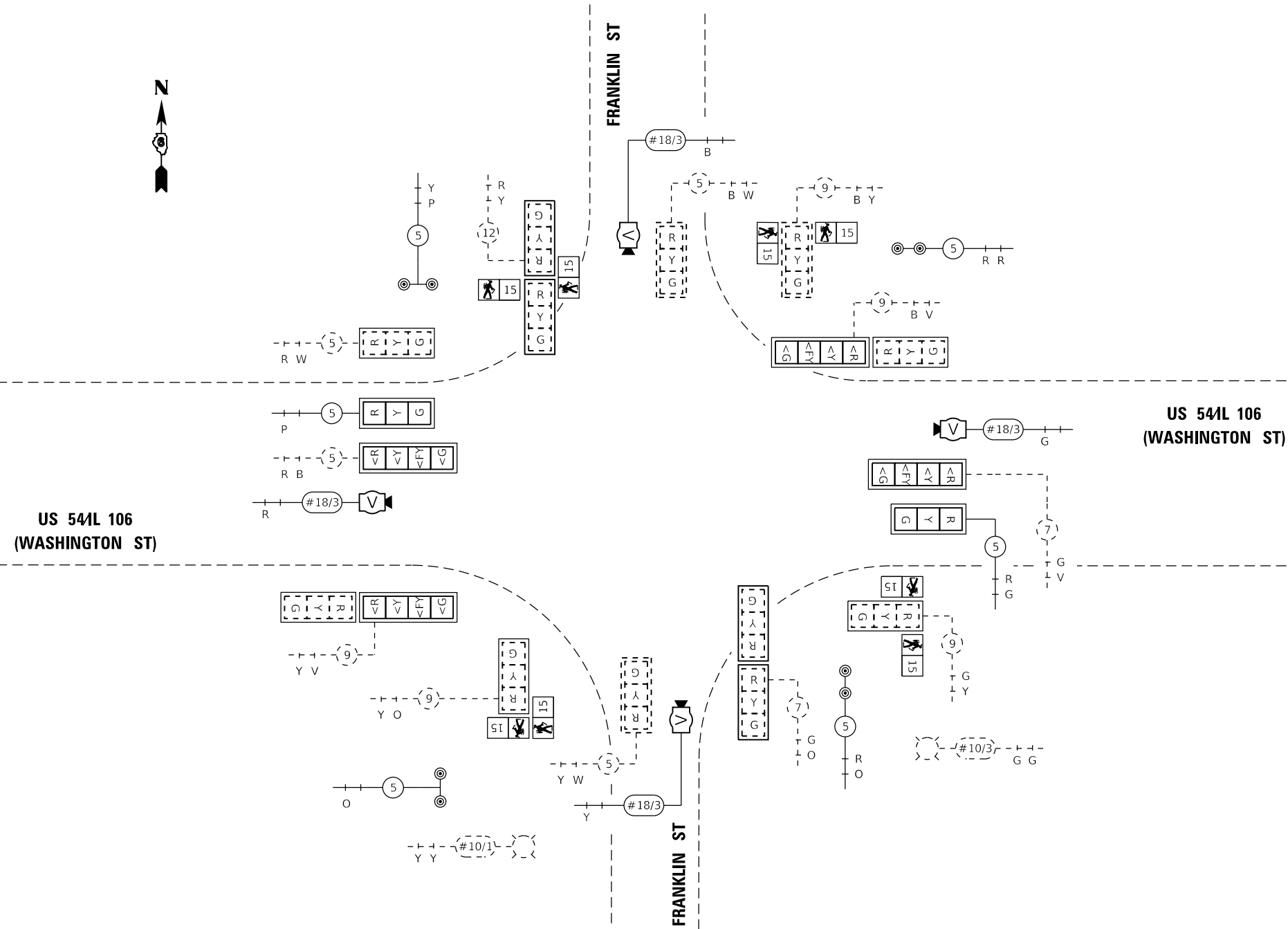


TRAFFIC SIGNAL SCHEDULE: US 54 & FRANKLIN ST

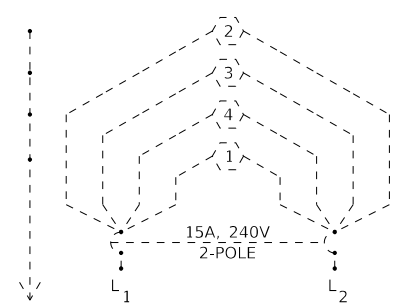
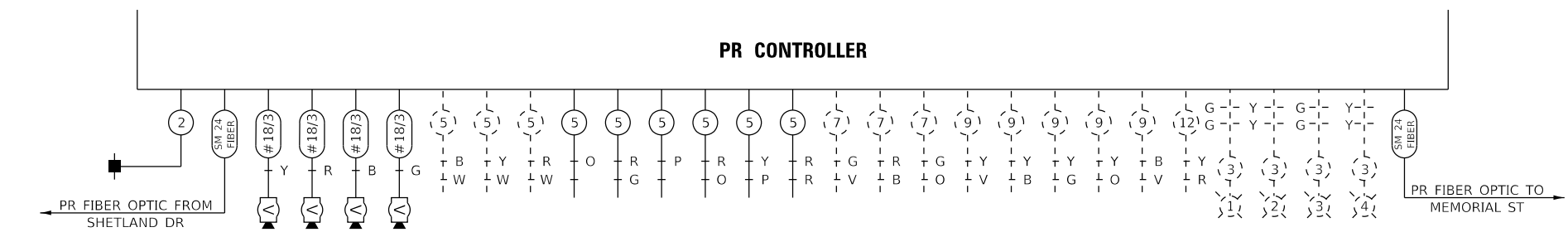
NO.	ITEM	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	40
81500130	GULFBOX JUNCTION REMOVAL	EACH	3
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	819
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	709
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	361
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	2
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BM	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	15
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	20
X0326266	ETHERNET SWITCH	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	20
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



PR GROUNDING DIAGRAM



PR PHASING DIAGRAM



EX LIGHTING CIRCUIT

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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

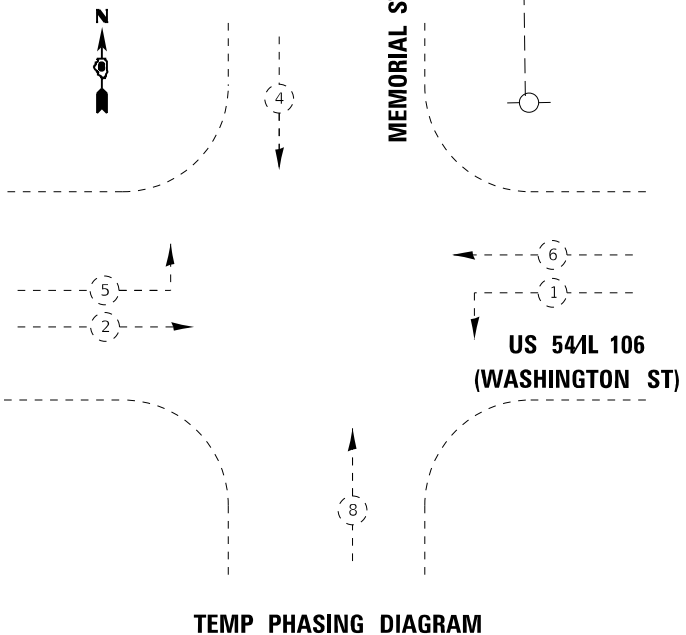
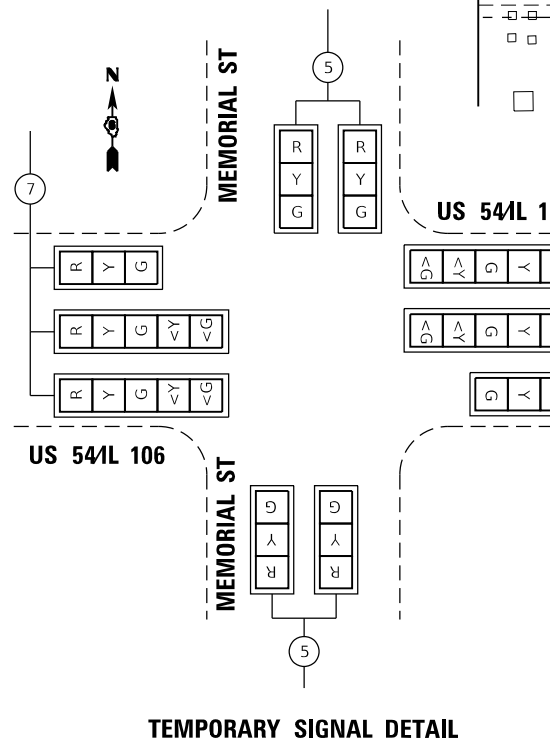
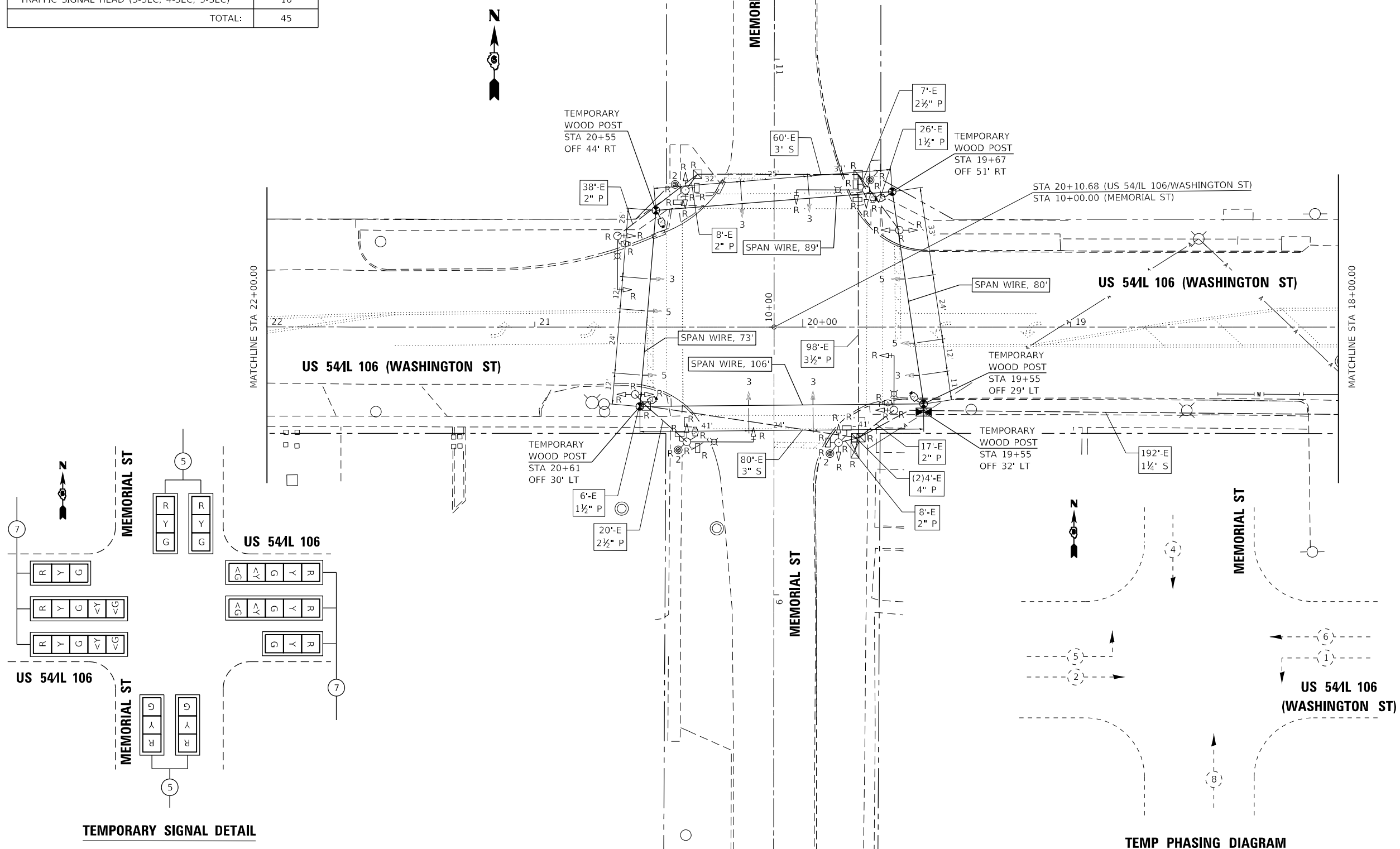
PR TRAFFIC SIGNAL DETAIL
US 541L 106 & FRANKLIN ST

SCALE: SHEET 10 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	139
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE: MEMORIAL

ITEM TO BE REMOVED	QUANTITY
COMBINATION MAST ARM ASSEMBLY AND POLE	4
SIGNAL POST	4
TRAFFIC SIGNAL CABINET	1
VIDEO DETECTION CAMERA	4
PUSHBUTTON	8
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	16
TOTAL:	45



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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

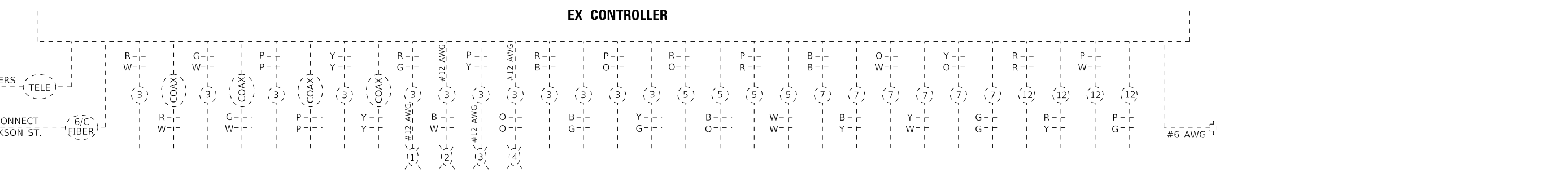
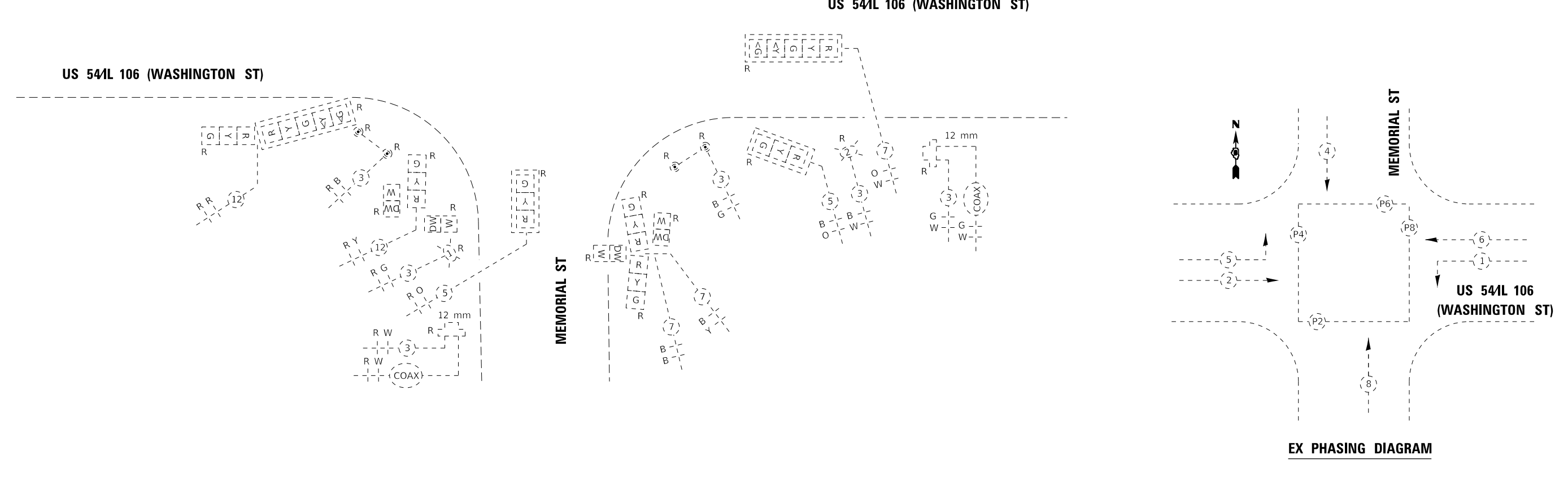
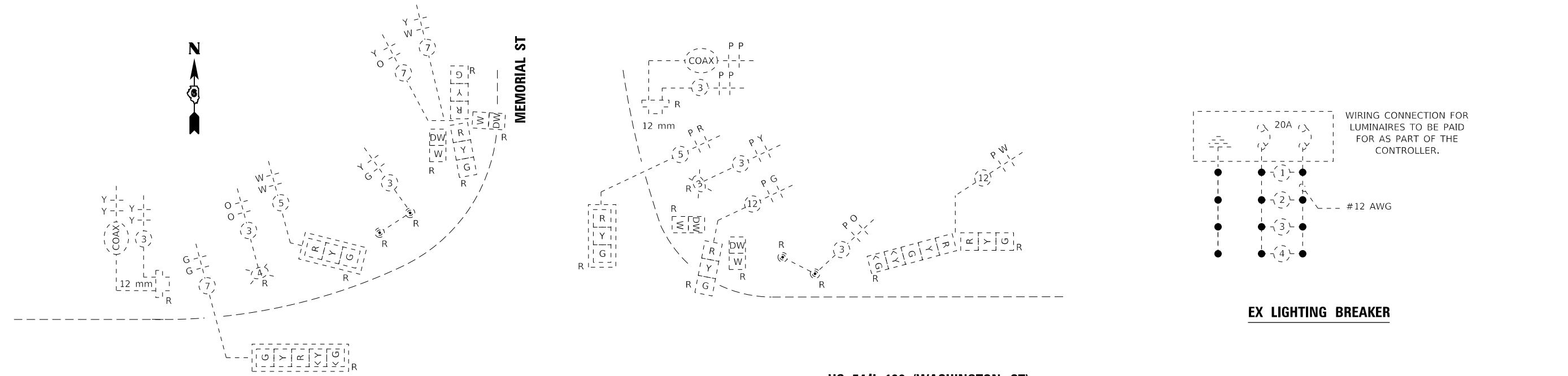
USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

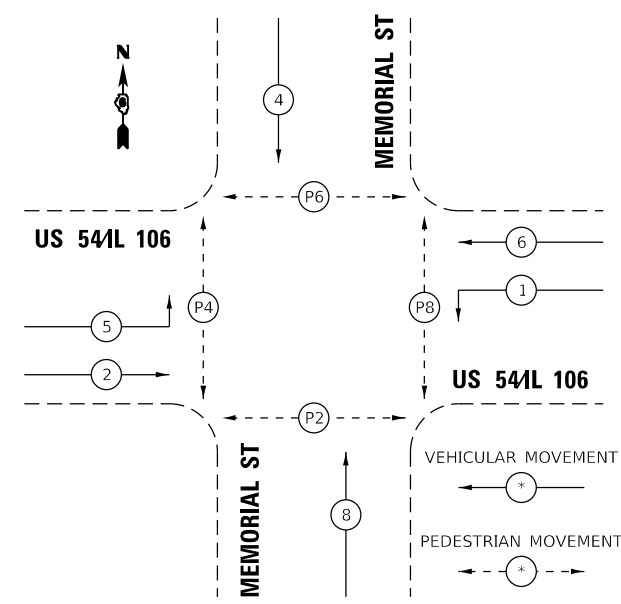
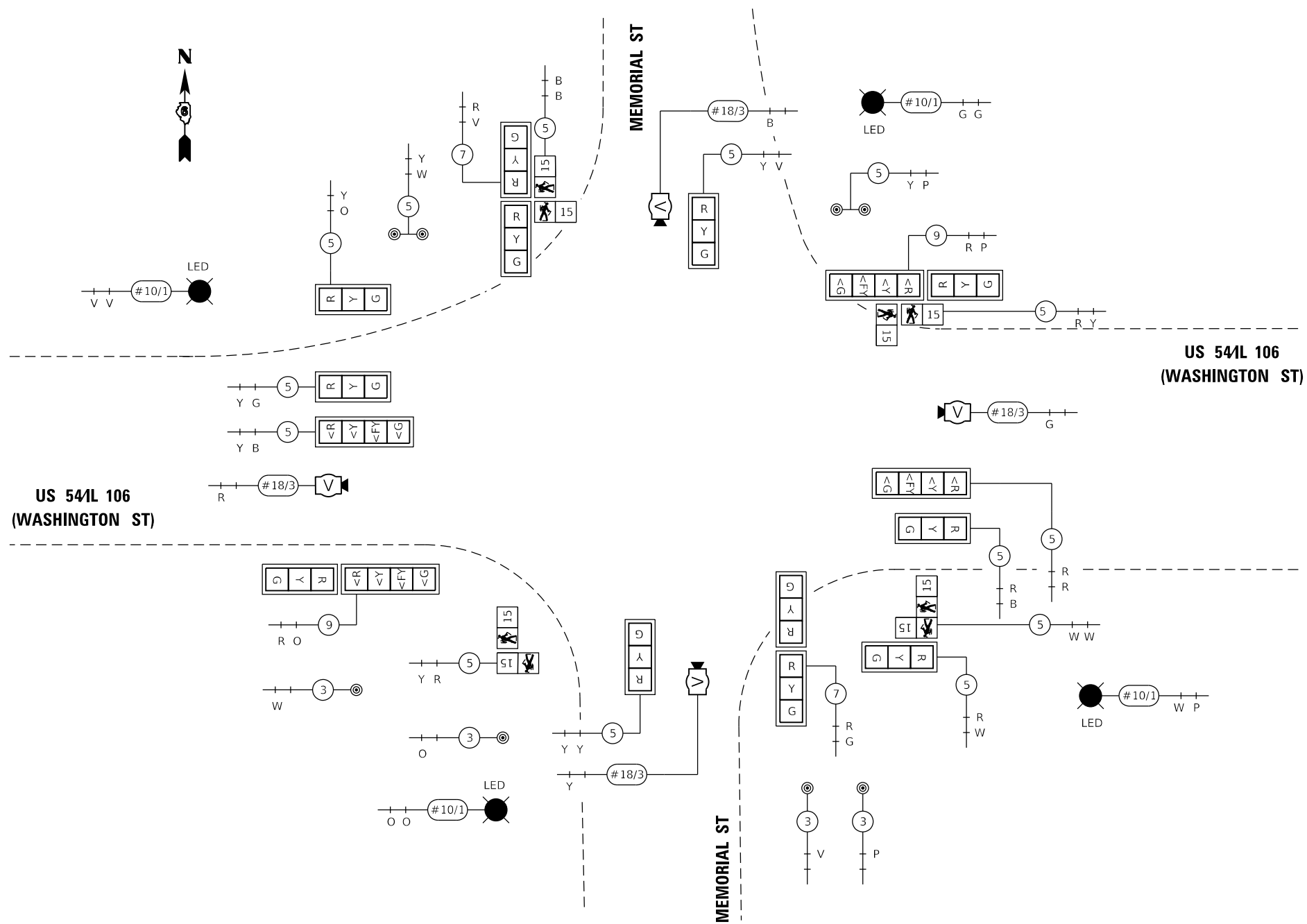
TEMP & EX TRAFFIC SIGNAL PLAN
US 541L 106 & MEMORIAL ST
 SCALE: SHEET 11 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	140
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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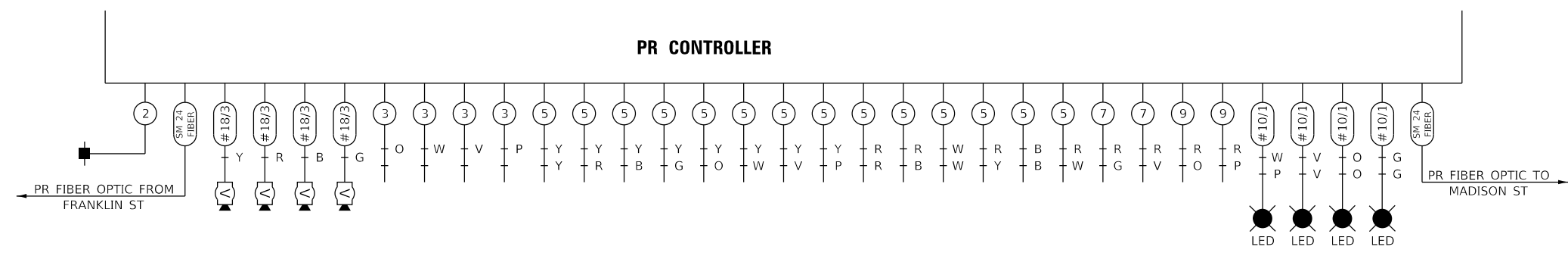


KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = jackce DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EX TRAFFIC SIGNAL DETAIL US 541L 106 & MEMORIAL ST	F.A.P. RTE. = 321 SECTION = (20,107) RS-8, ADA COUNTY = PIKE TOTAL SHEETS = 181 SHEET NO. = 141
	PLOT SCALE = 48.0000' / in. PLOT DATE = 10/17/2019	DATE -			SCALE: SHEET 12 OF 27 SHEETS STA. TO STA.



US 54th St
(WASHINGTON ST)

PR PHASING DIAGRAM



PR CONTROLLER

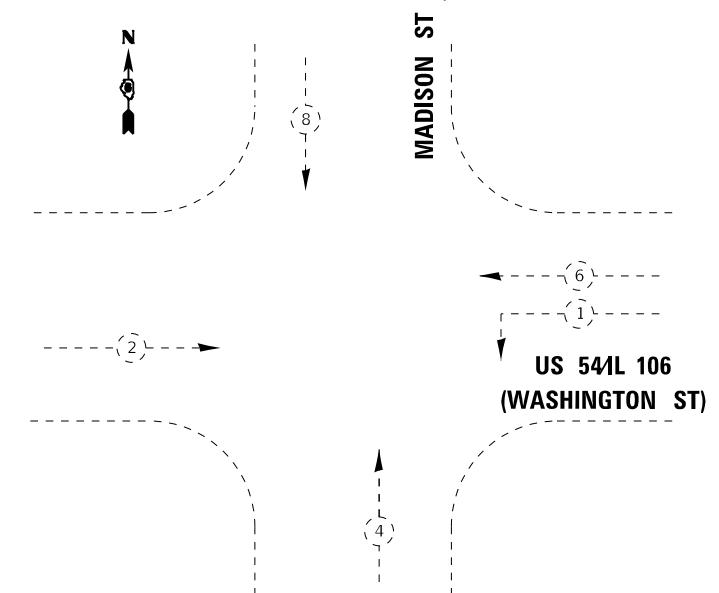
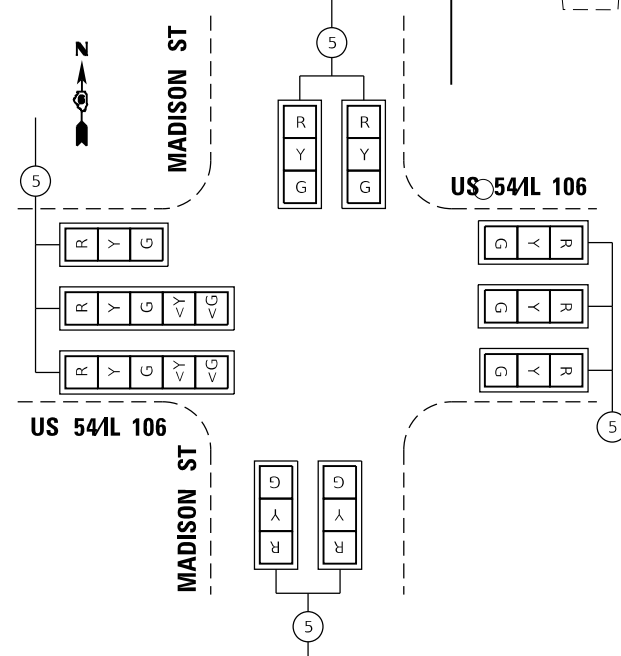
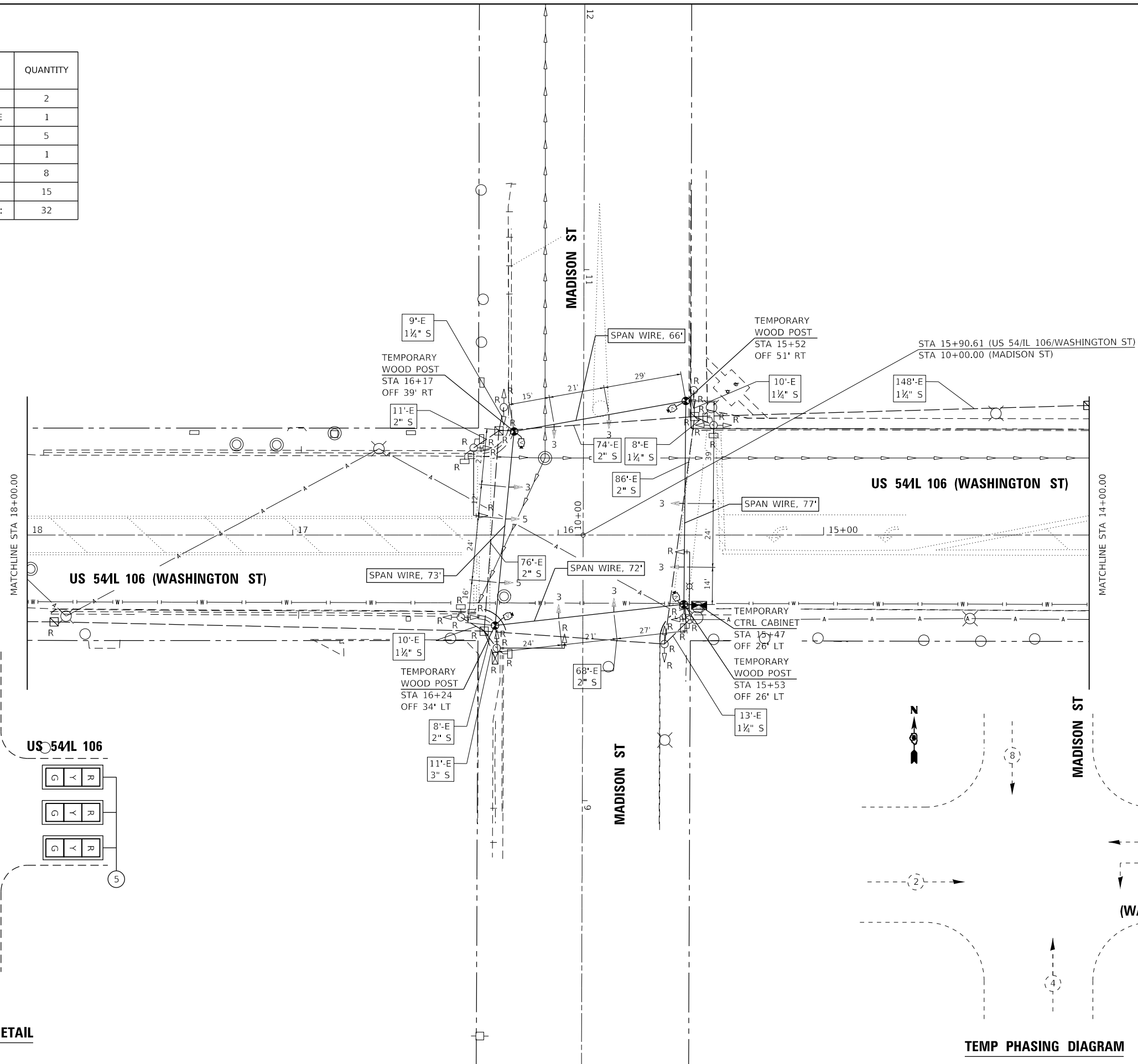
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	143
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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REMOVAL SCHEDULE: MADISON

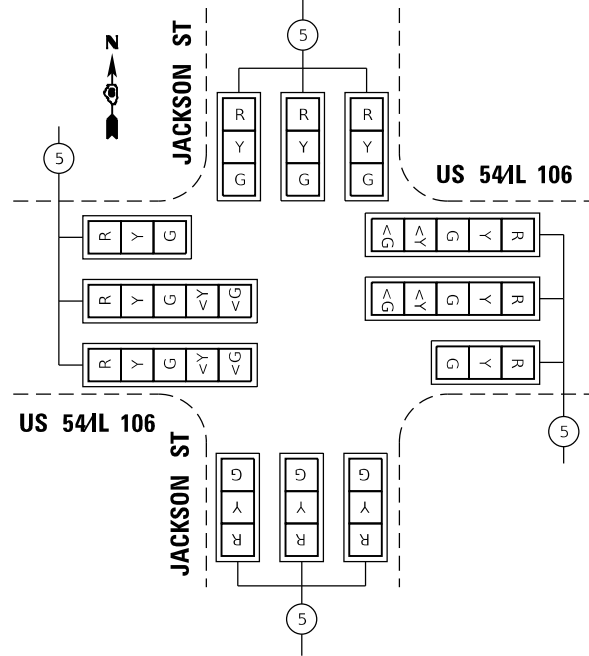
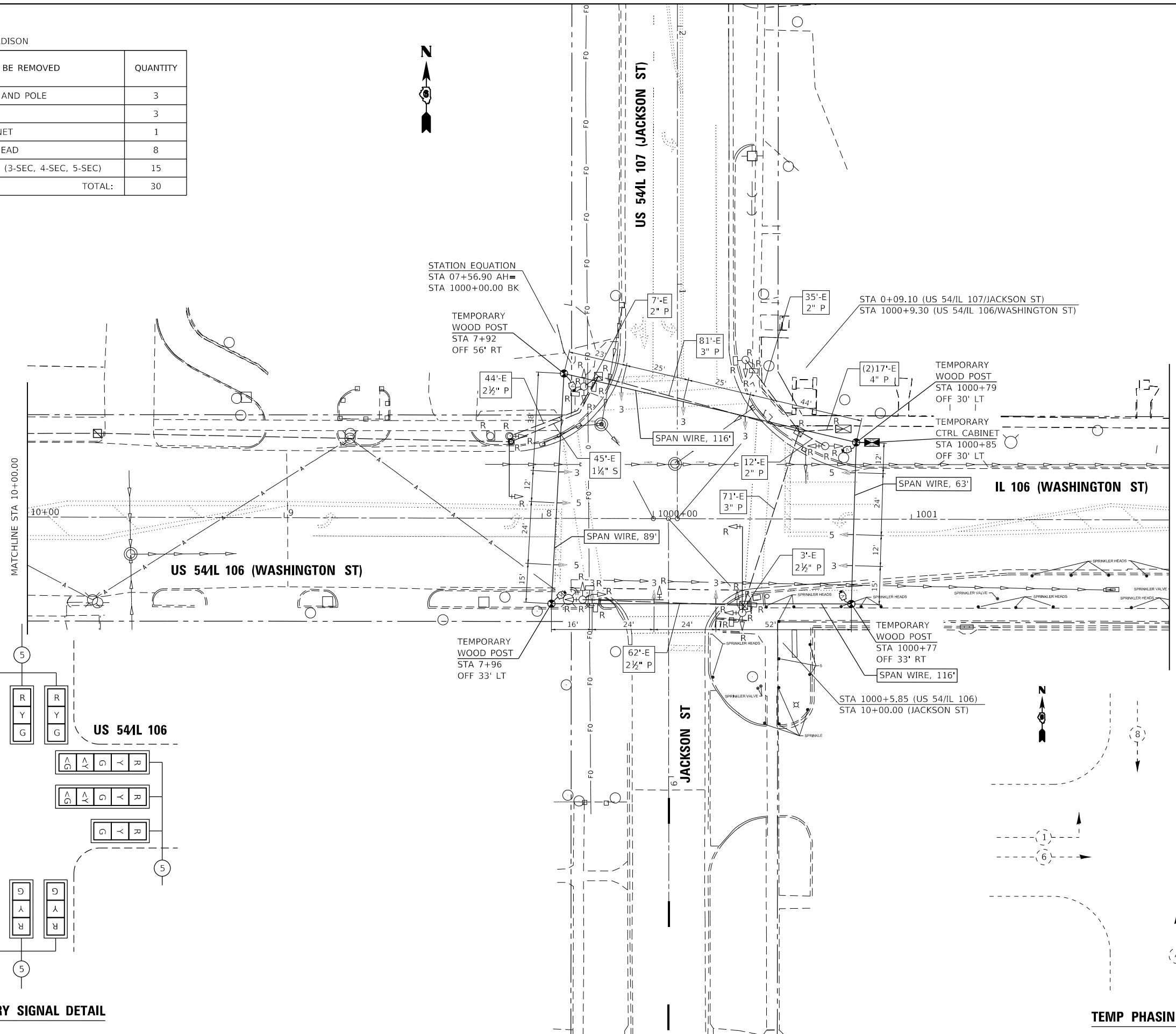
ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	2
COMBINATION MAST ARM ASSEMBLY AND POLE	1
SIGNAL POST	5
TRAFFIC SIGNAL CABINET	1
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	15
TOTAL:	32



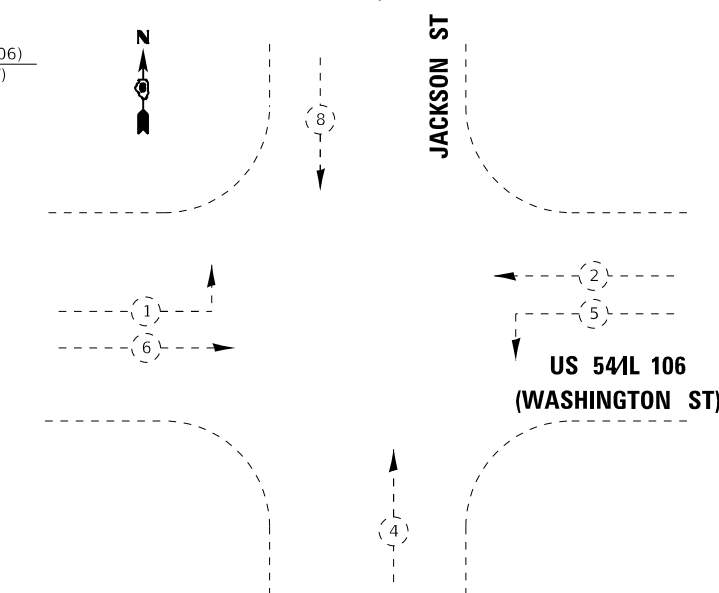
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REMOVAL SCHEDULE: MADISON

ITEM TO BE REMOVED	QUANTITY
MAST ARM ASSEMBLY AND POLE	3
SIGNAL POST	3
TRAFFIC SIGNAL CABINET	1
PEDESTRIAN SIGNAL HEAD	8
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	15
TOTAL:	30



TEMPORARY SIGNAL DETAIL



TEMP PHASING DIAGRAM

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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 = jackce	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

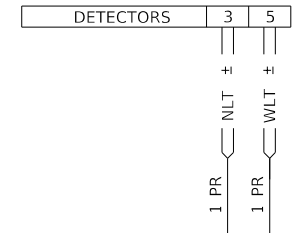
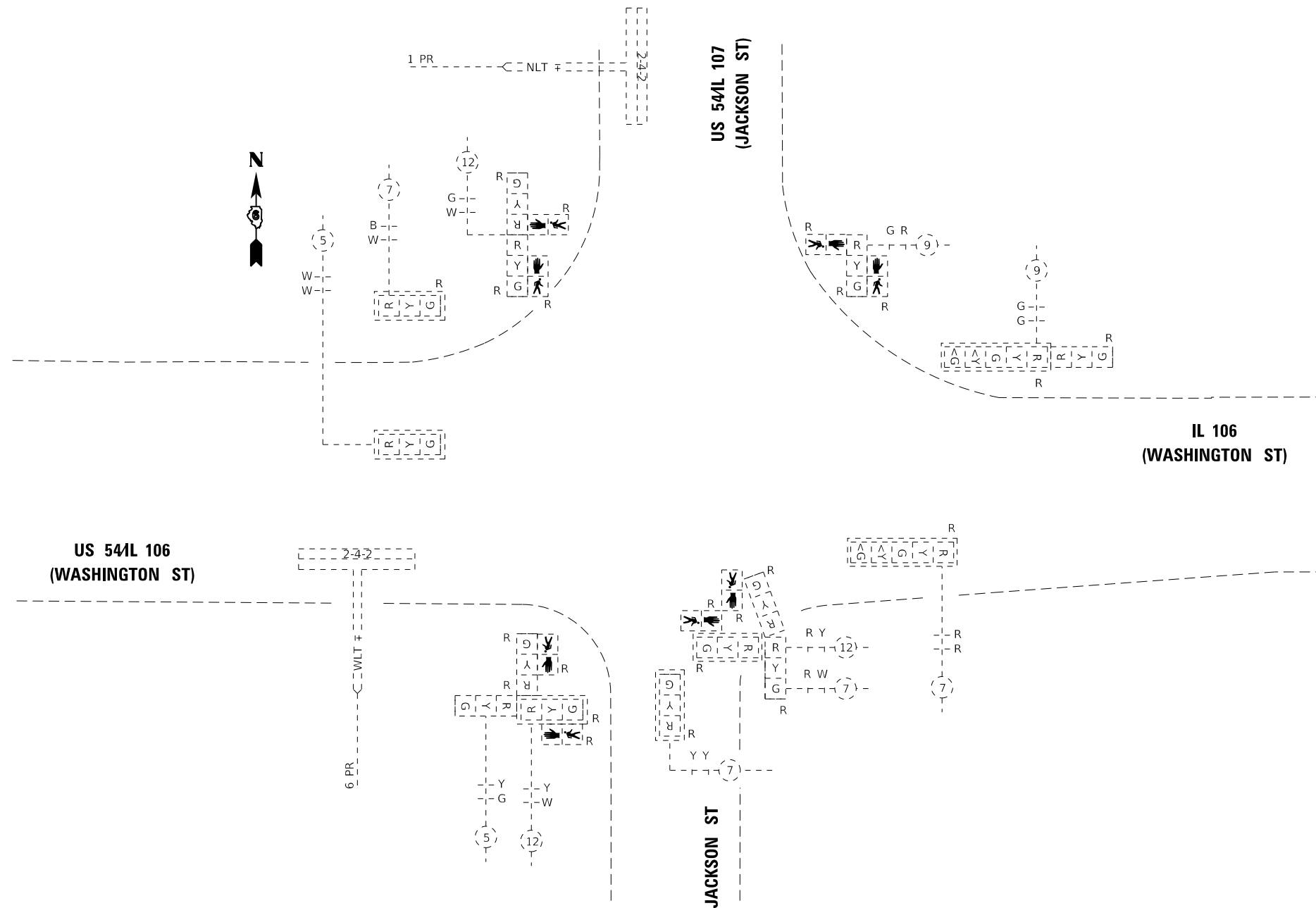
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMP & EX TRAFFIC SIGNAL PLAN
 US 541L 106 & JACKSON ST

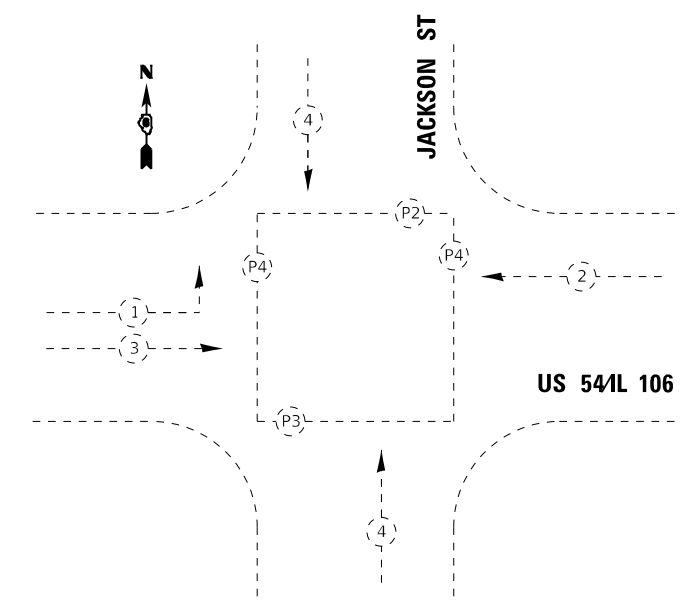
SCALE: SHEET 19 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	148
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

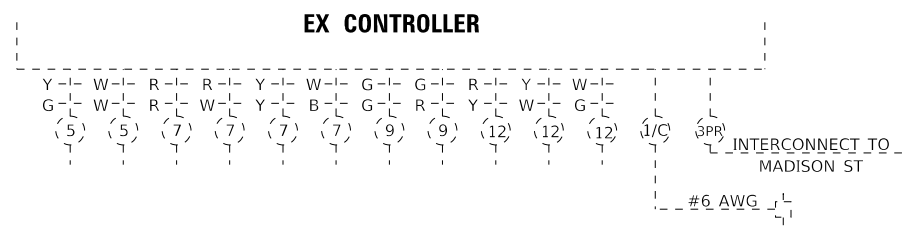
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EX DETECTORS



EX PHASING DIAGRAM



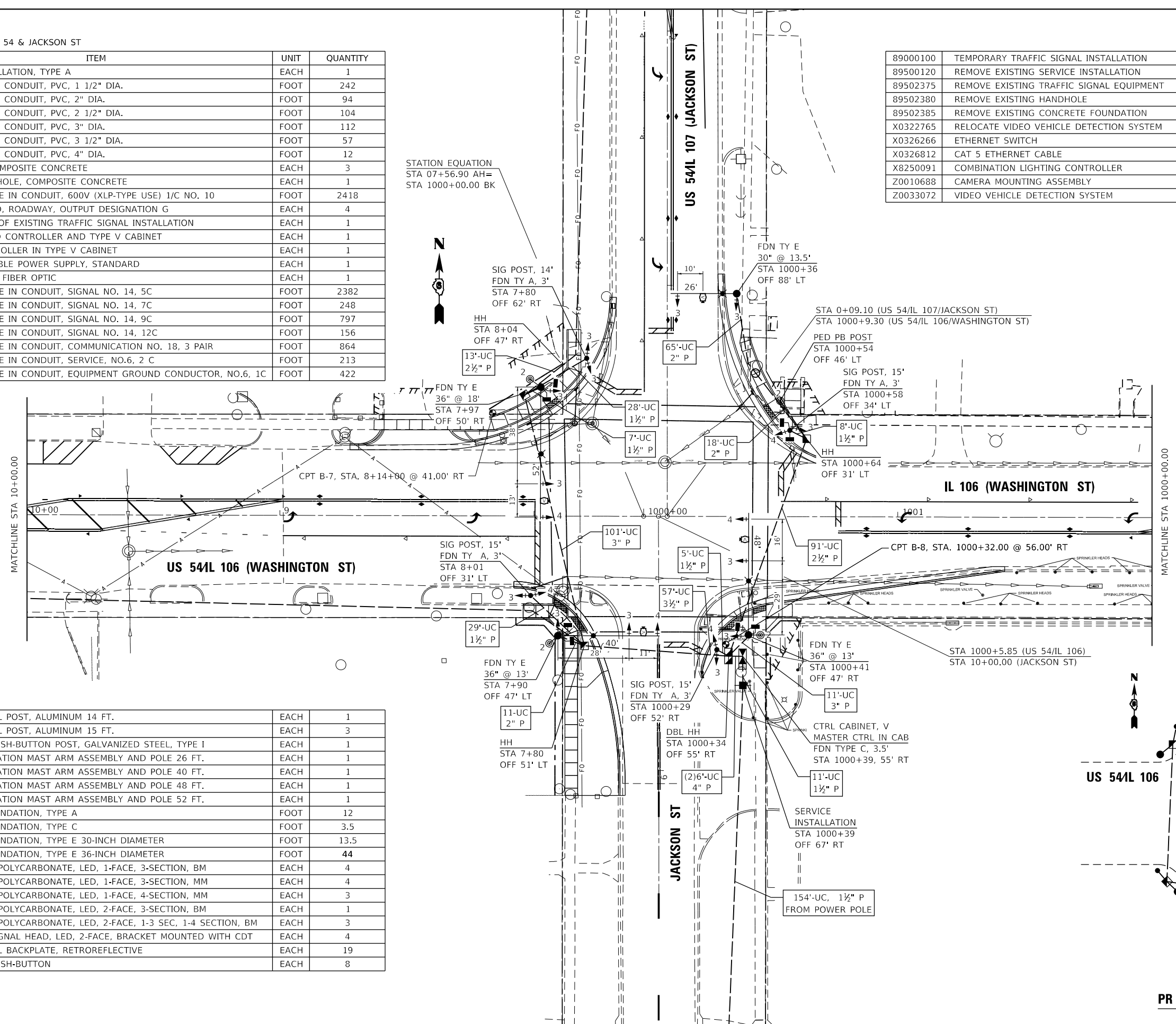
EX CONTROLLER

USER NAME = jackce	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

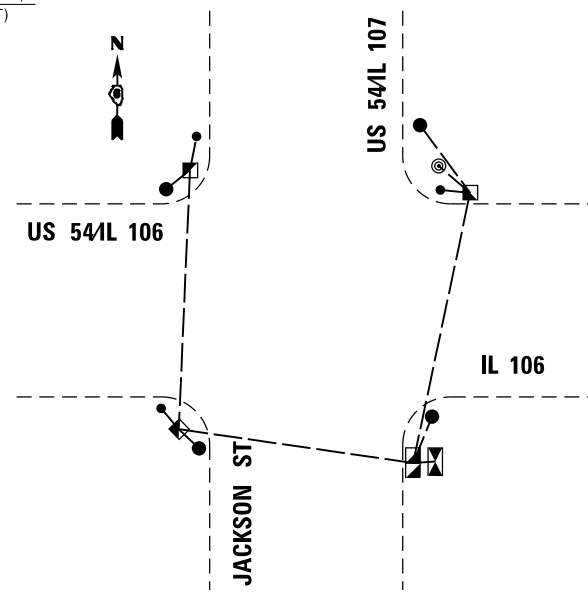
TRAFFIC SIGNAL SCHEDULE: US 54 & JACKSON ST

NO.	ITEM	UNIT	QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	242
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	94
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	104
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	112
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	57
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	12
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2418
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
86000300	MASTER CONTROLLER IN TYPE V CABINET	EACH	1
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C	FOOT	2382
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C	FOOT	248
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C	FOOT	797
87301275	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 12C	FOOT	156
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18, 3 PAIR	FOOT	864
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6, 2 C	FOOT	213
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUND CONDUCTOR, NO.6, 1C	FOOT	422

89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	30
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X0326266	ETHERNET SWITCH	EACH	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	20
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	1
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	13.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	44
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BM	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MM	EACH	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MM	EACH	3
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BM	EACH	1
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-4 SECTION, BM	EACH	3
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH CDT	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	19
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8



PR GROUNDING DIAGRAM

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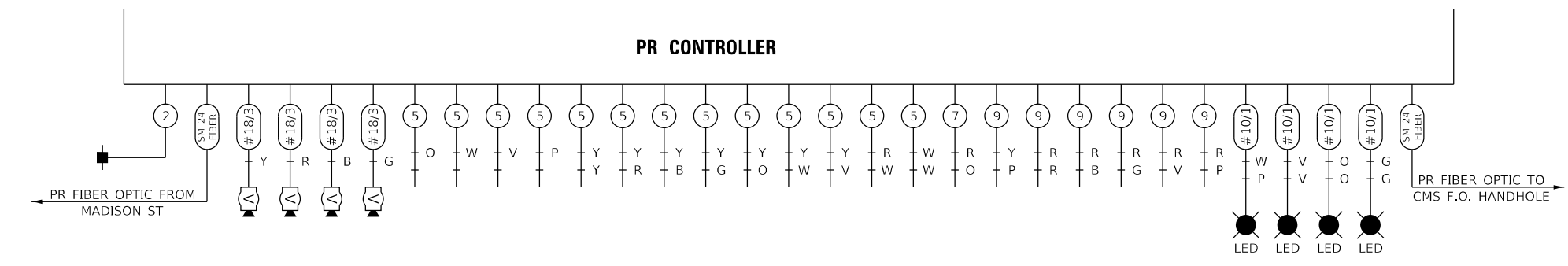
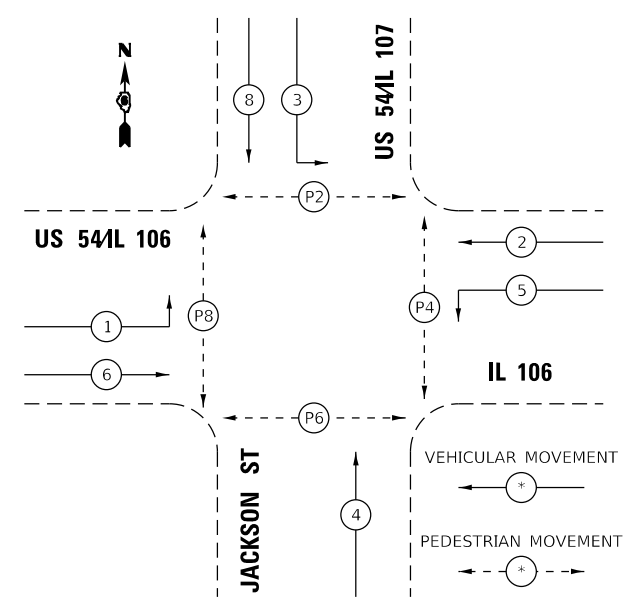
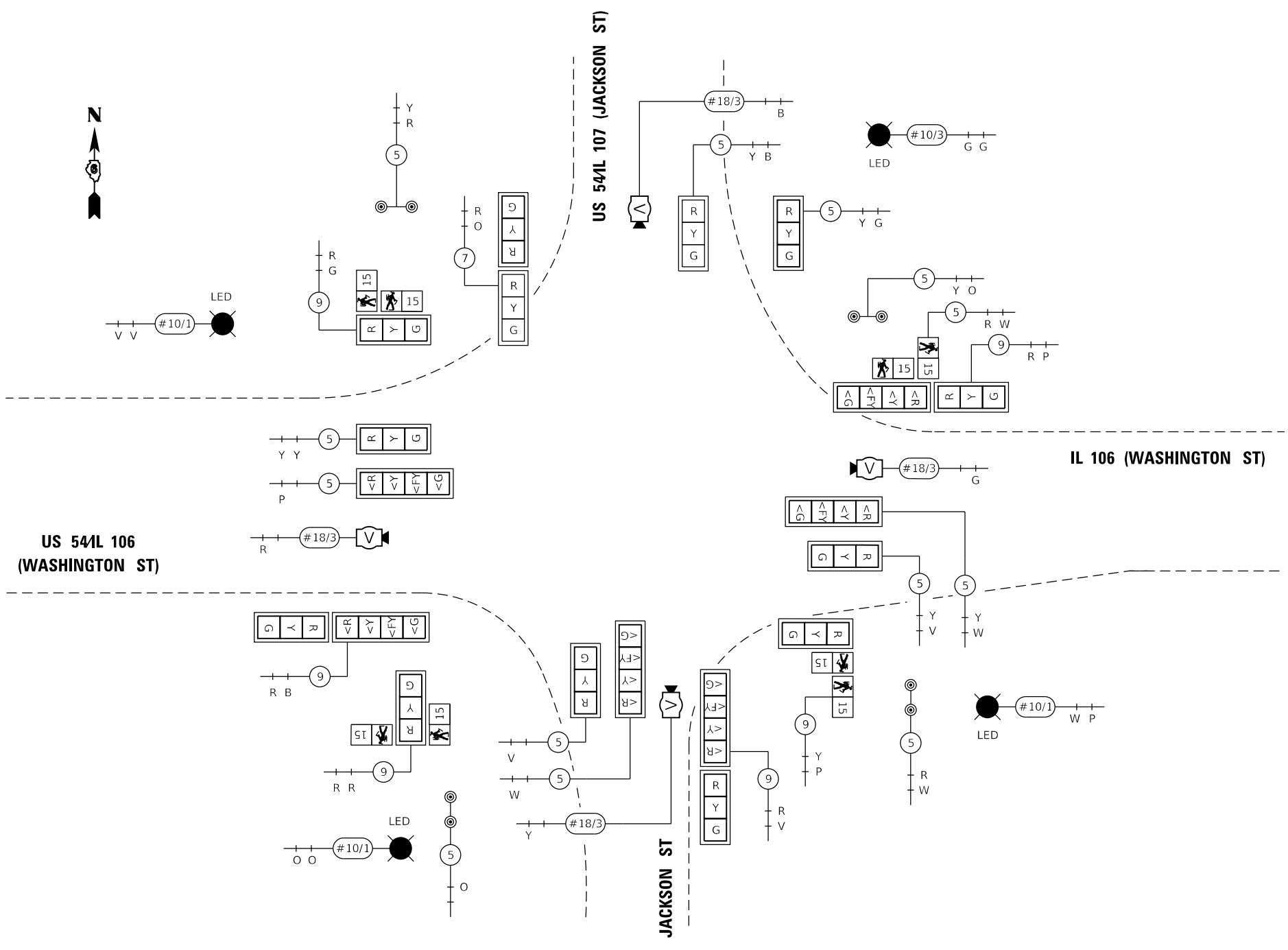
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PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR TRAFFIC SIGNAL PLAN
US 54IL 106 & JACKSON ST

SCALE: SHEET 21 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	150
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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

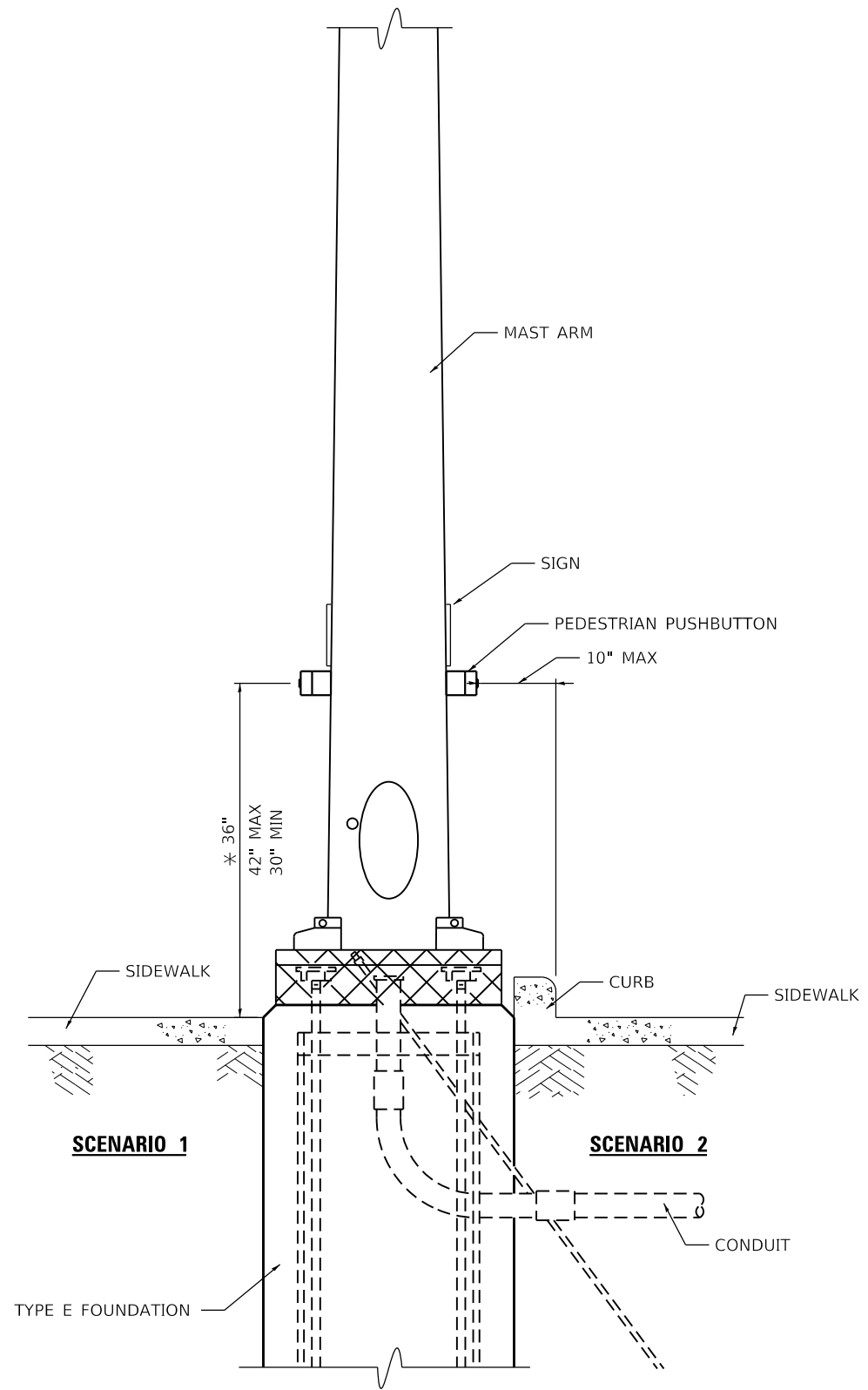
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PR TRAFFIC SIGNAL DETAIL
US 541L 106 & JACKSON ST
 SCALE: SHEET 22 OF 27 SHEETS STA. TO STA.

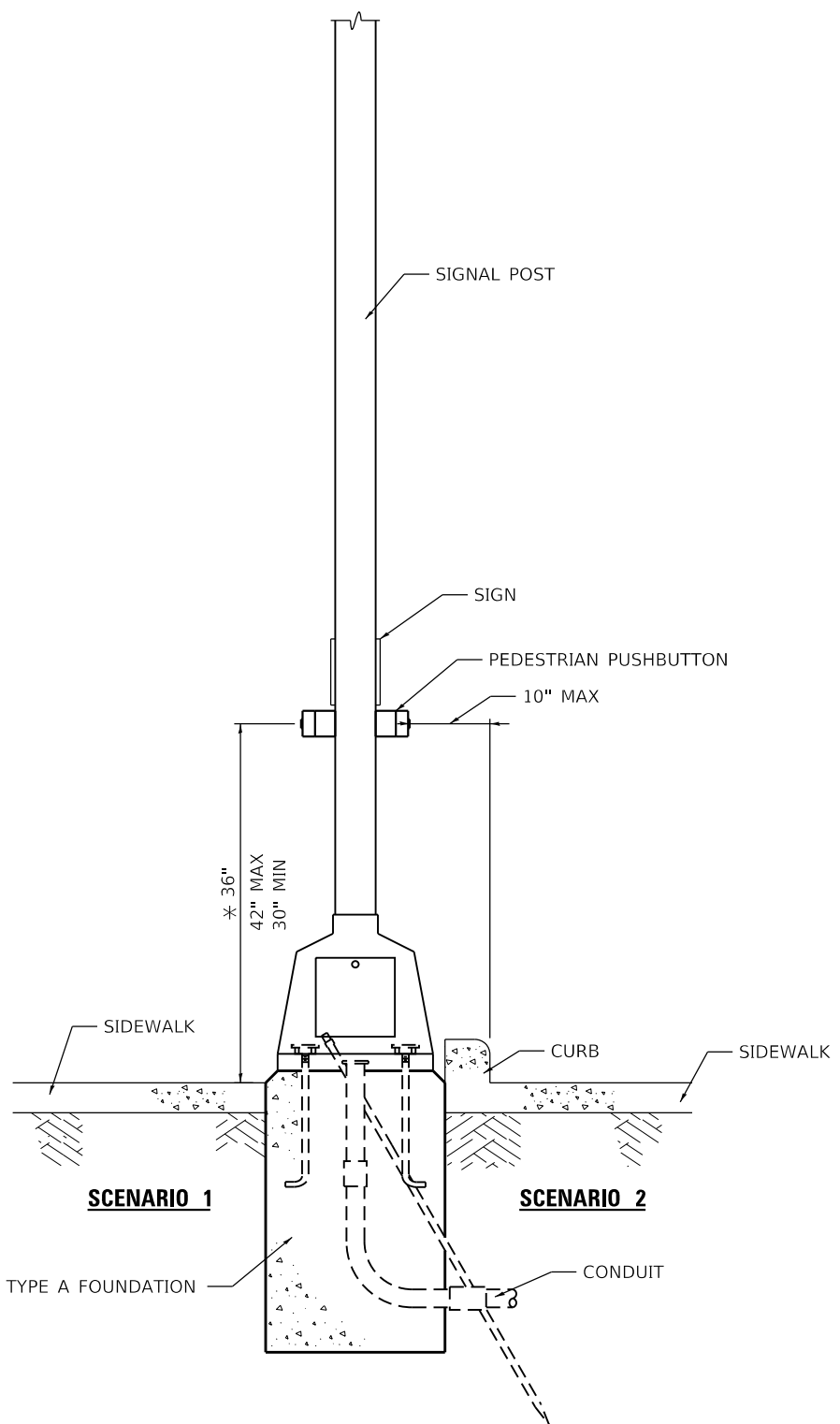
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	151
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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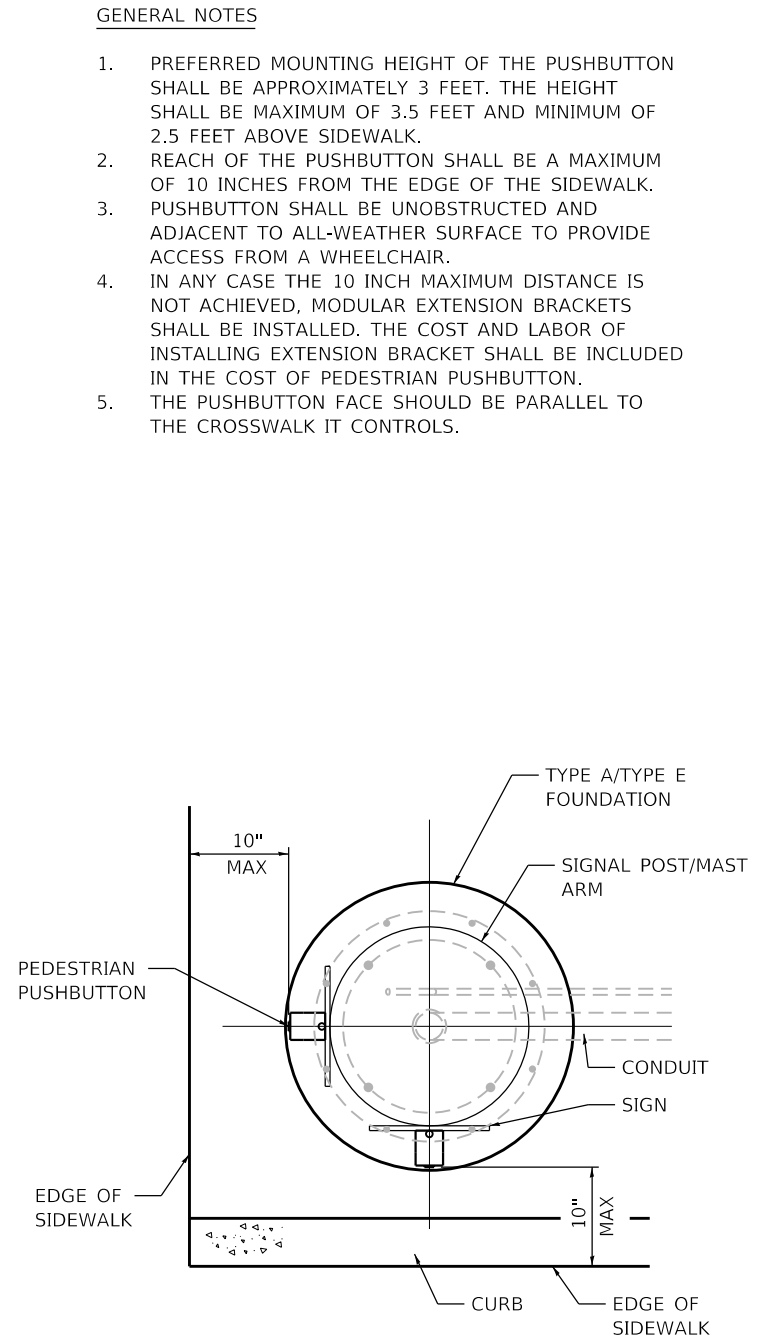


**PEDESTRIAN PUSHBUTTON INSTALLATION,
MAST ARM**

* 36" PREFERRED



**PEDESTRIAN PUSHBUTTON INSTALLATION,
SIGNAL POST**



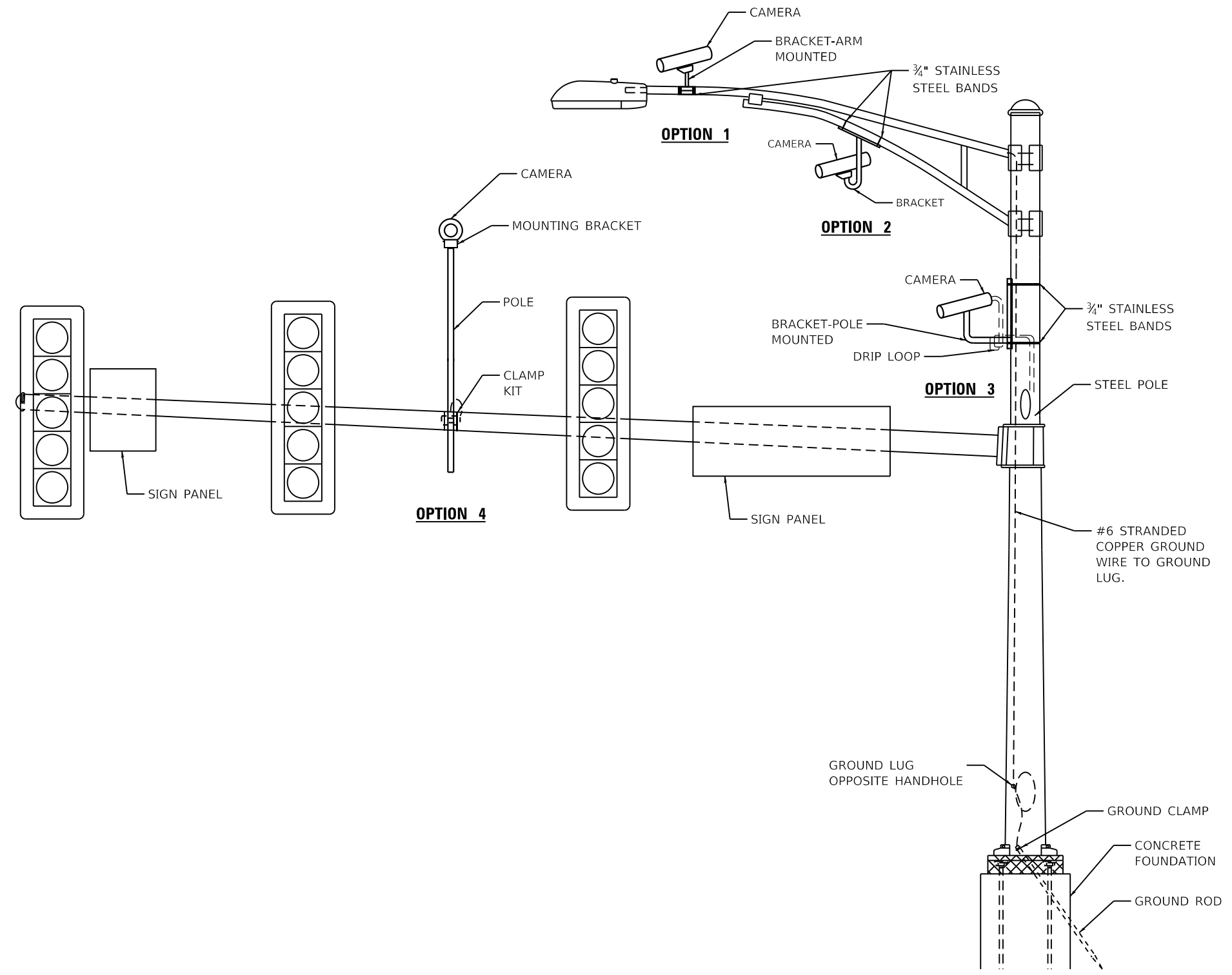
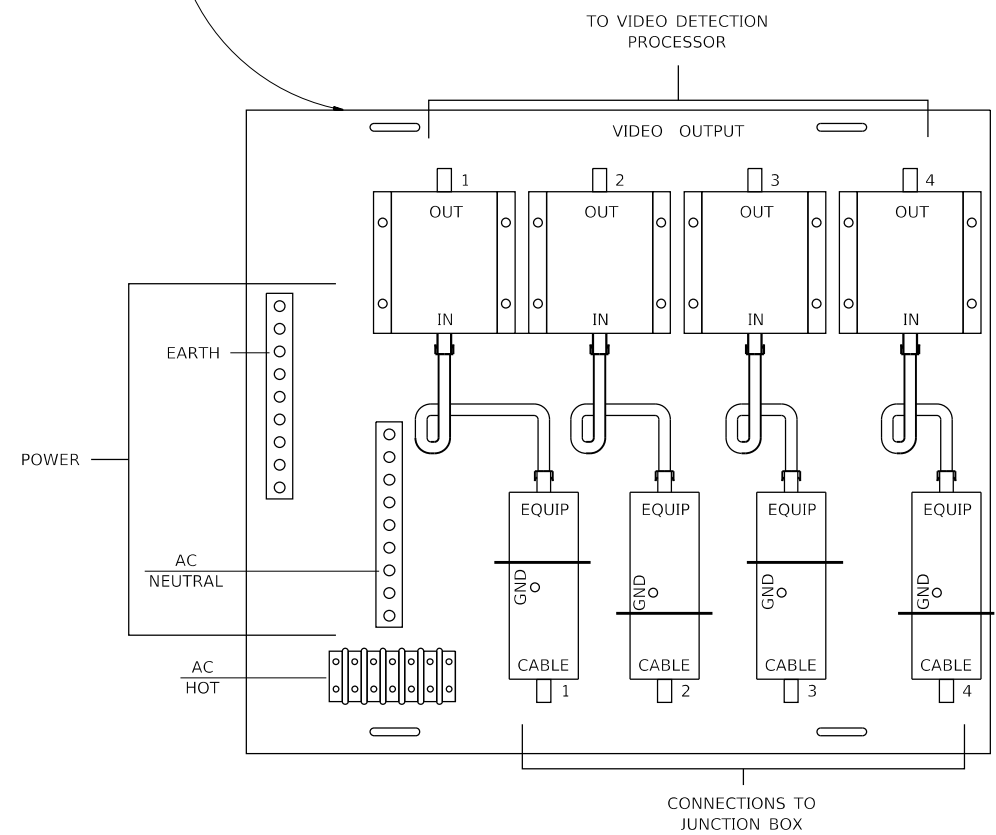
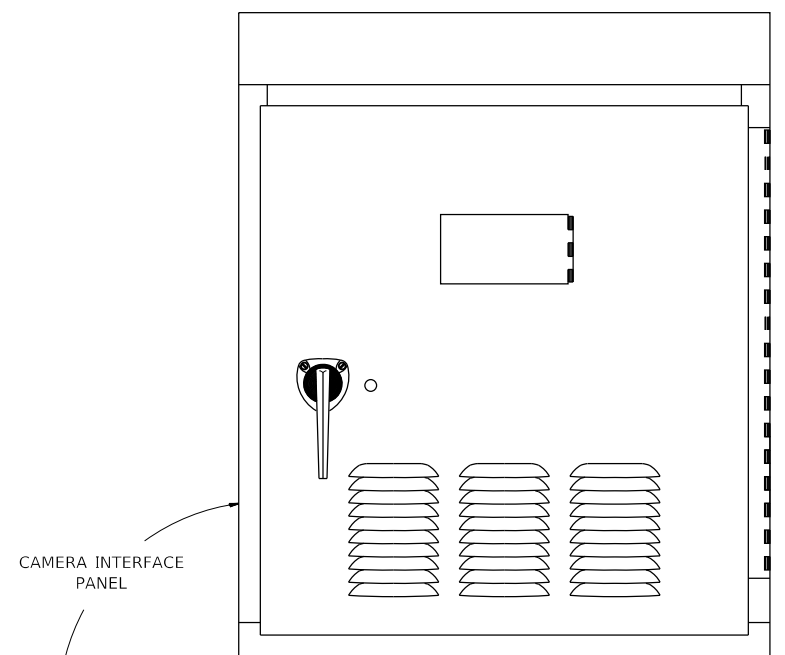
**PEDESTRIAN PUSHBUTTON INSTALLATION,
TOP VIEW**
NOT TO SCALE

- GENERAL NOTES**
- PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET. THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
 - REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF THE SIDEWALK.
 - PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
 - IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.
 - THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.

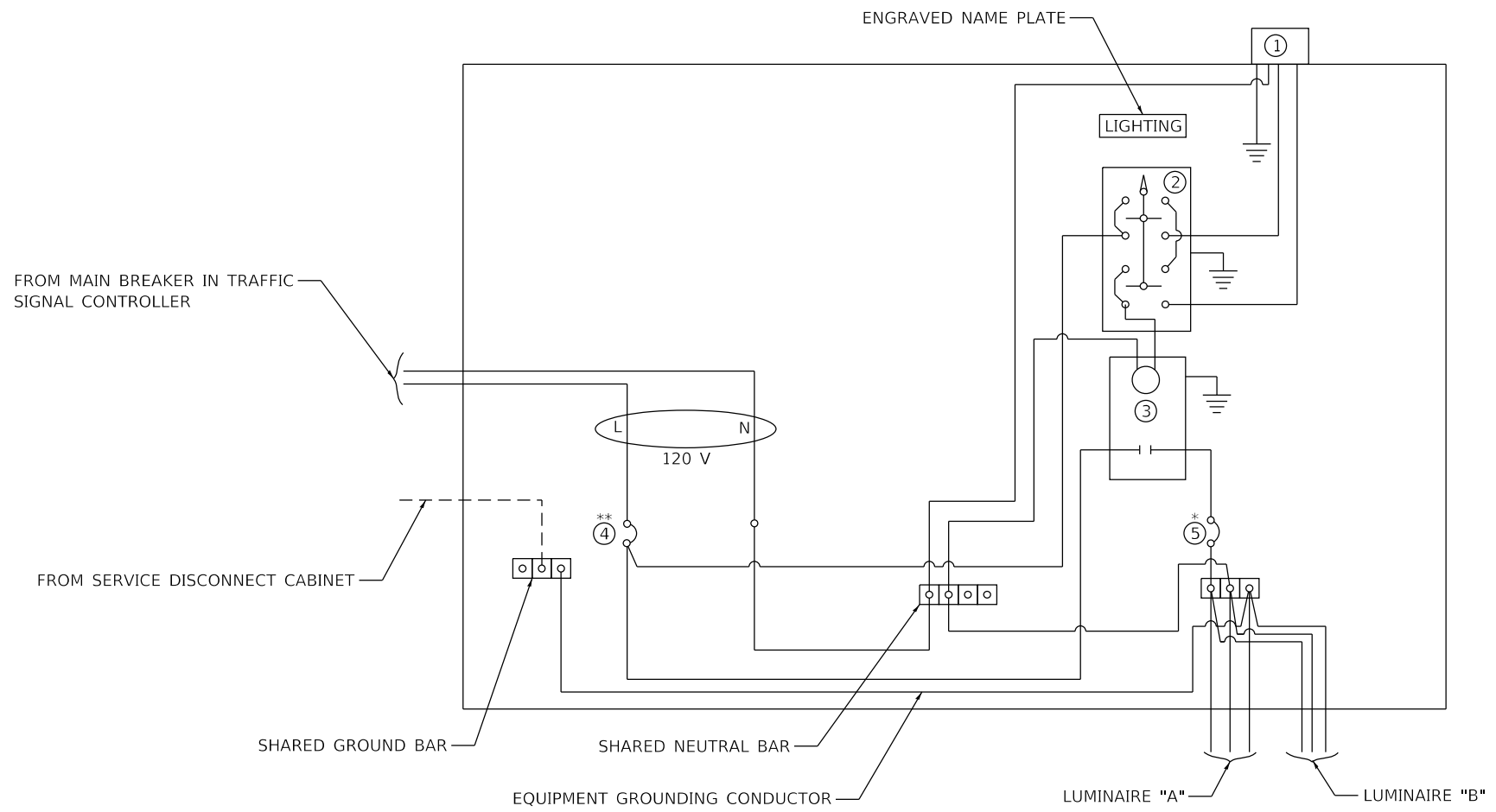
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	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	152
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED



LEGEND

- GROUND CONNECTED TO SHARED GROUND BAR
 - INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
 - ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER
 - ② HAND-OFF-AUTO SELECTOR SWITCH
 - ③ 30 AMP, 1 POLE, ELECTRICALLY HELD CONTACTOR
 - ④ 20 AMP, 1 POLE, CIRCUIT BREAKER
 - ⑤ 15 AMP, 1 POLE, BRANCH BREAKER
- *QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER
- **SIZE LARGER AS NEEDED

COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

1. ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
2. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.
3. THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO ARTICLE 1068.01(e)(f) OF THE STANDARD SPECIFICATIONS.
4. INSTALL UNDER EAVE PHOTOCELL ON TRAFFIC SIGNAL CONTROLLER CABINET PER ARTICLE 1068.01(e)(2) OF THE STANDARD SPECIFICATIONS.
5. ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(e)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.
6. PROVIDED AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	154
CONTRACT NO. 72H83				
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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-1,
Station 69+65.00 @ 26.50' RT.**

CPT = Cone Penetrometer Test **CPT: B-1**

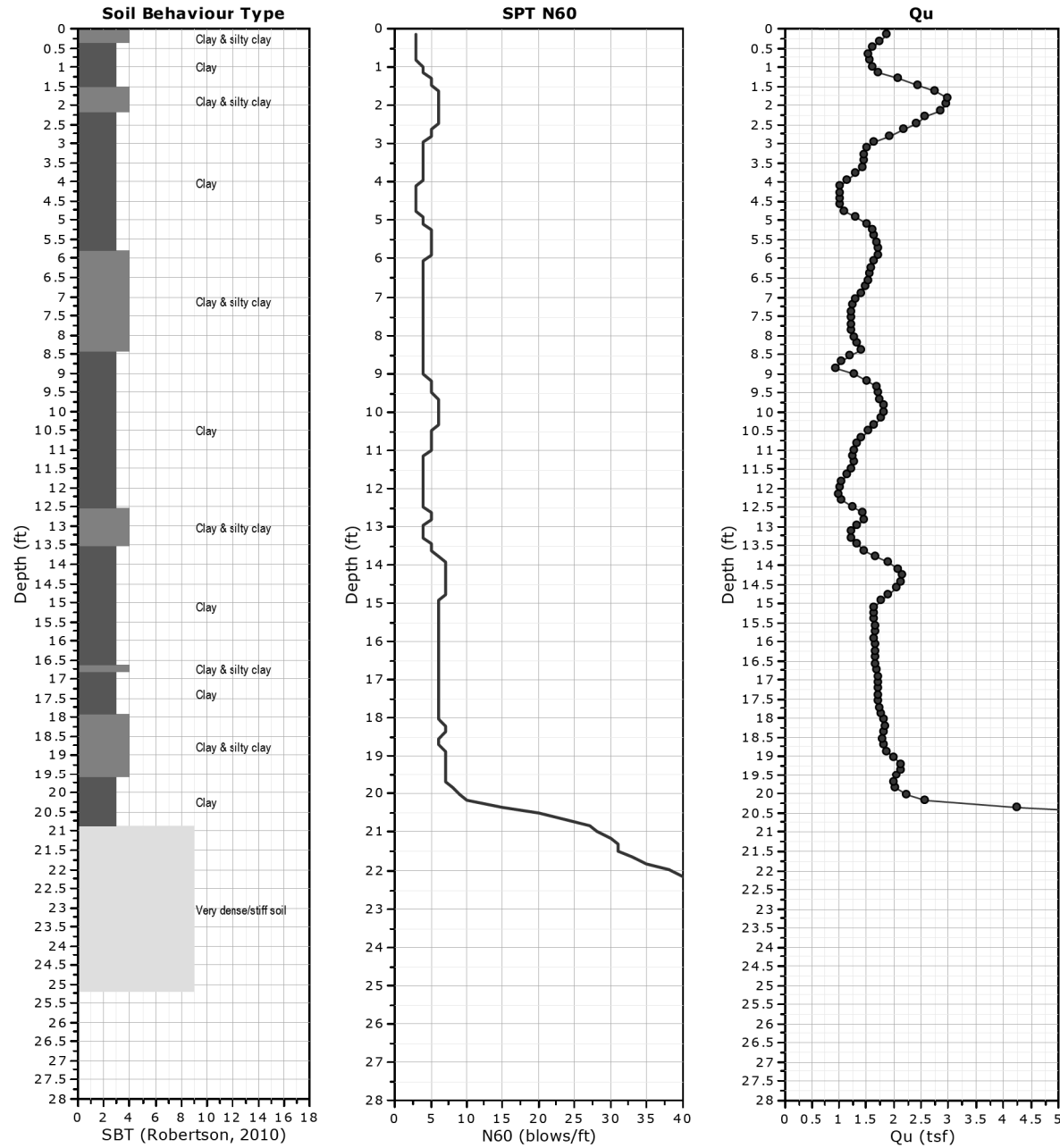
Total depth: 25.10 ft, Date: 8/29/2019

Surface Elevation: 766.56 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois [Intersection of Shetland Drive and Washington Street (US 54 / IL 106)]



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:32 PM
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SCI Project: 2018-3237.10

**CPT B-2,
Station 68+56.00 @ 42.00' LT.**

CPT = Cone Penetrometer Test **CPT: B-2**

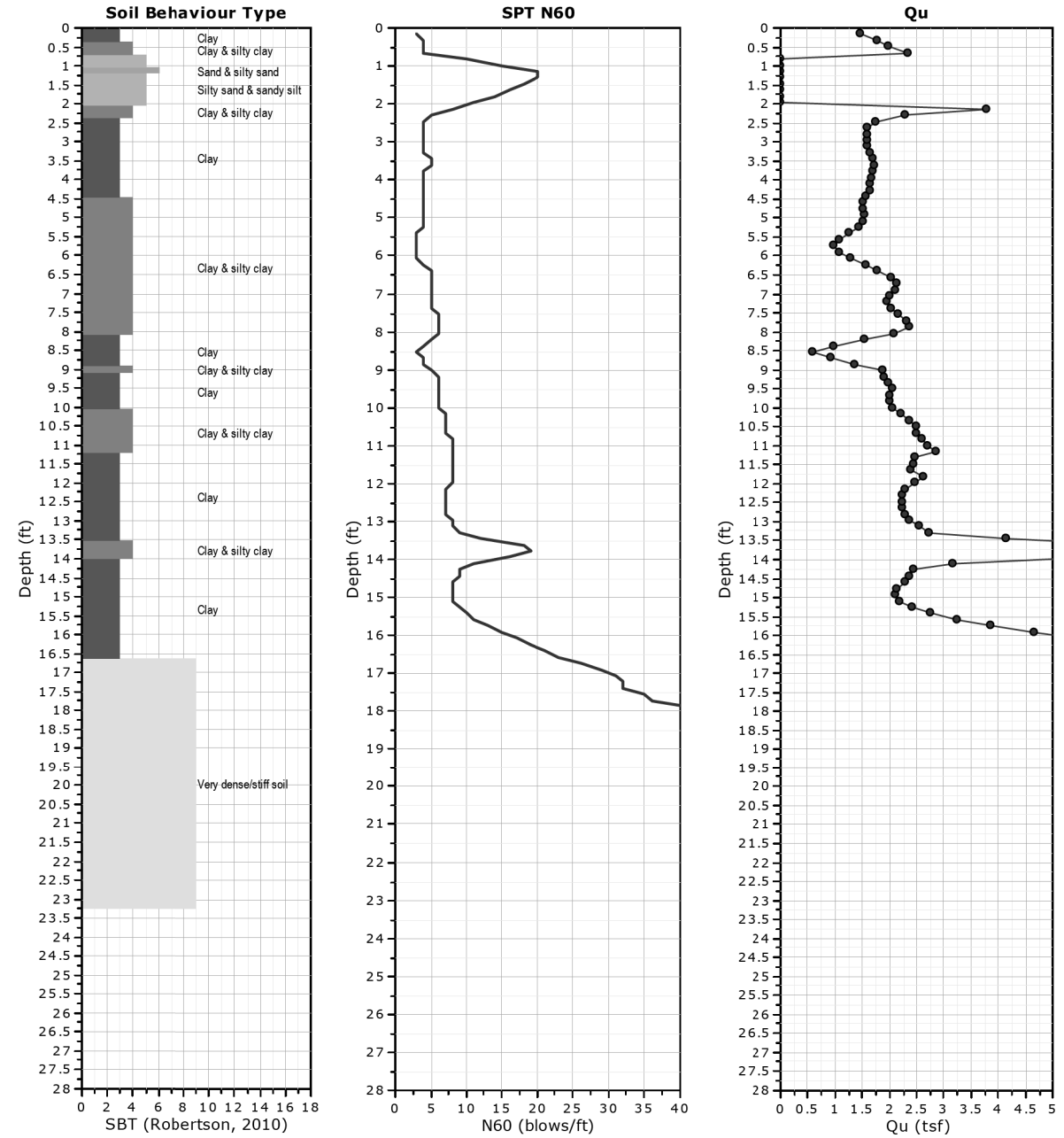
Total depth: 23.13 ft, Date: 8/29/2019

Surface Elevation: 765.51 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois [Intersection of Shetland Drive and Washington Street (US 54 / IL 106)]



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:33 PM
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PLOT DATE = 10/17/2019

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 54 / IL 106
SOIL BORING LOGS**

SCALE: SHEET 26 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	155
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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SCI Project: 2018-3237.10

**CPT B-5,
Station 16+08.50' @ 41.50' RT.**

CPT = Cone Penetrometer Test **CPT: B-5**

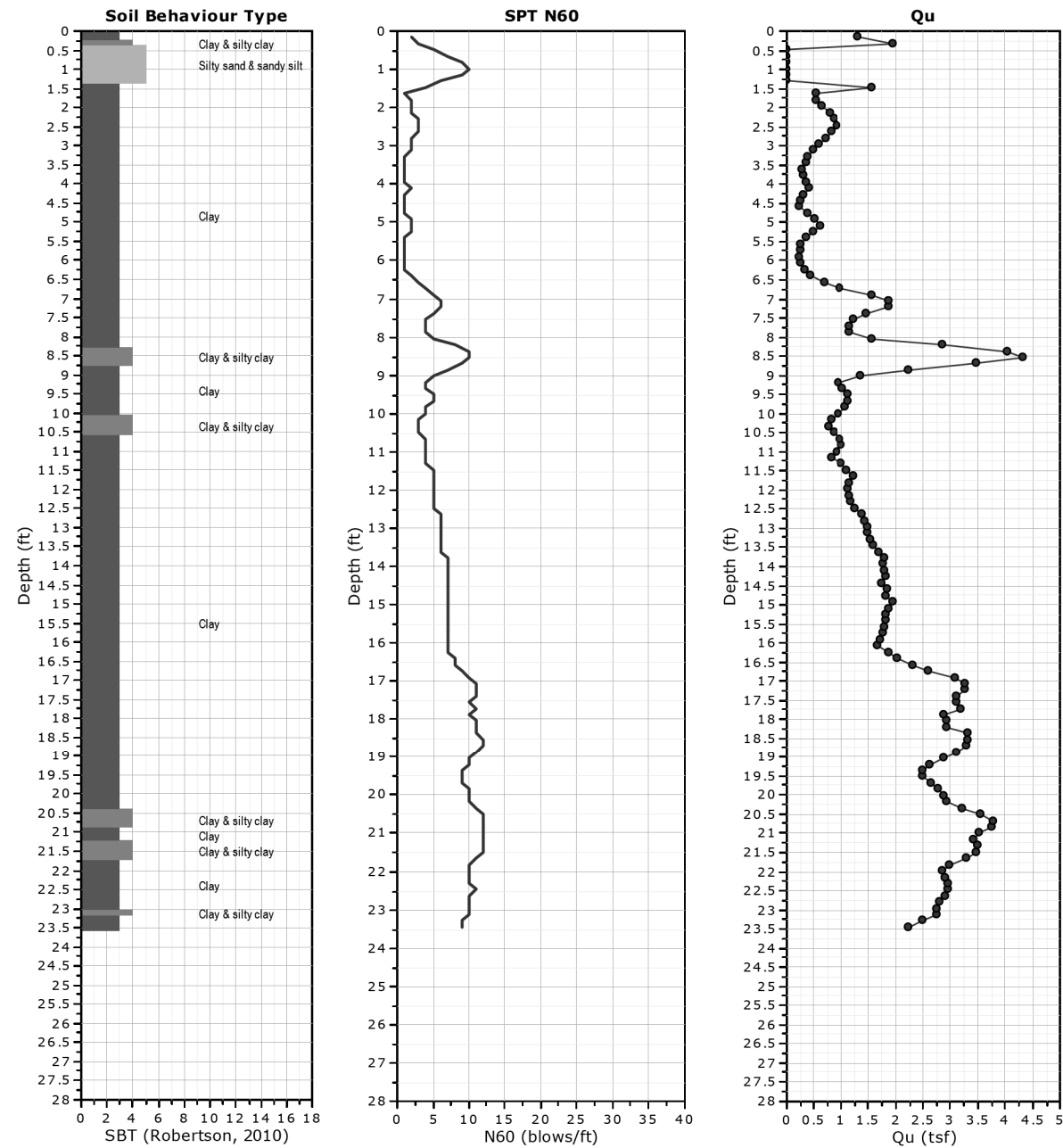
Total depth: 23.46 ft, Date: 8/29/2019

Surface Elevation: 735.48 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Madison Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:34 PM
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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-6,
Station 15+74.50' @ 40.00' LT.**

CPT = Cone Penetrometer Test **CPT: B-6**

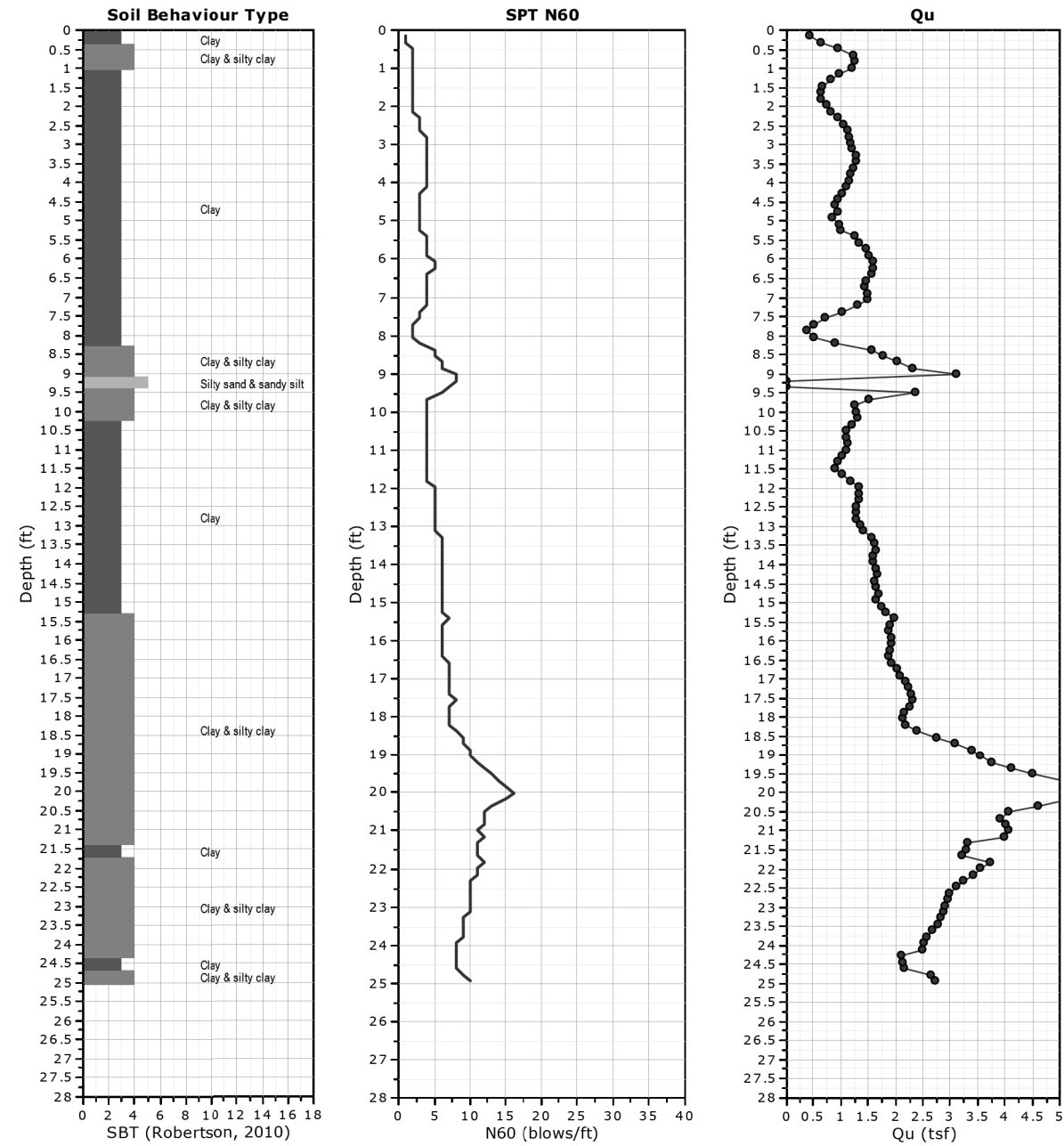
Total depth: 24.93 ft, Date: 8/29/2019

Surface Elevation: 734.74 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Madison Street and Washington Street (US 54 / IL 106)



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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 54IL 106 SOIL BORING LOGS			
SCALE:	SHEET 27	OF 27 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PKI	181	156A
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-7,
Station 8+14.00' @ 41.00' RT.**

CPT = Cone Penetrometer Test **CPT: B-7**

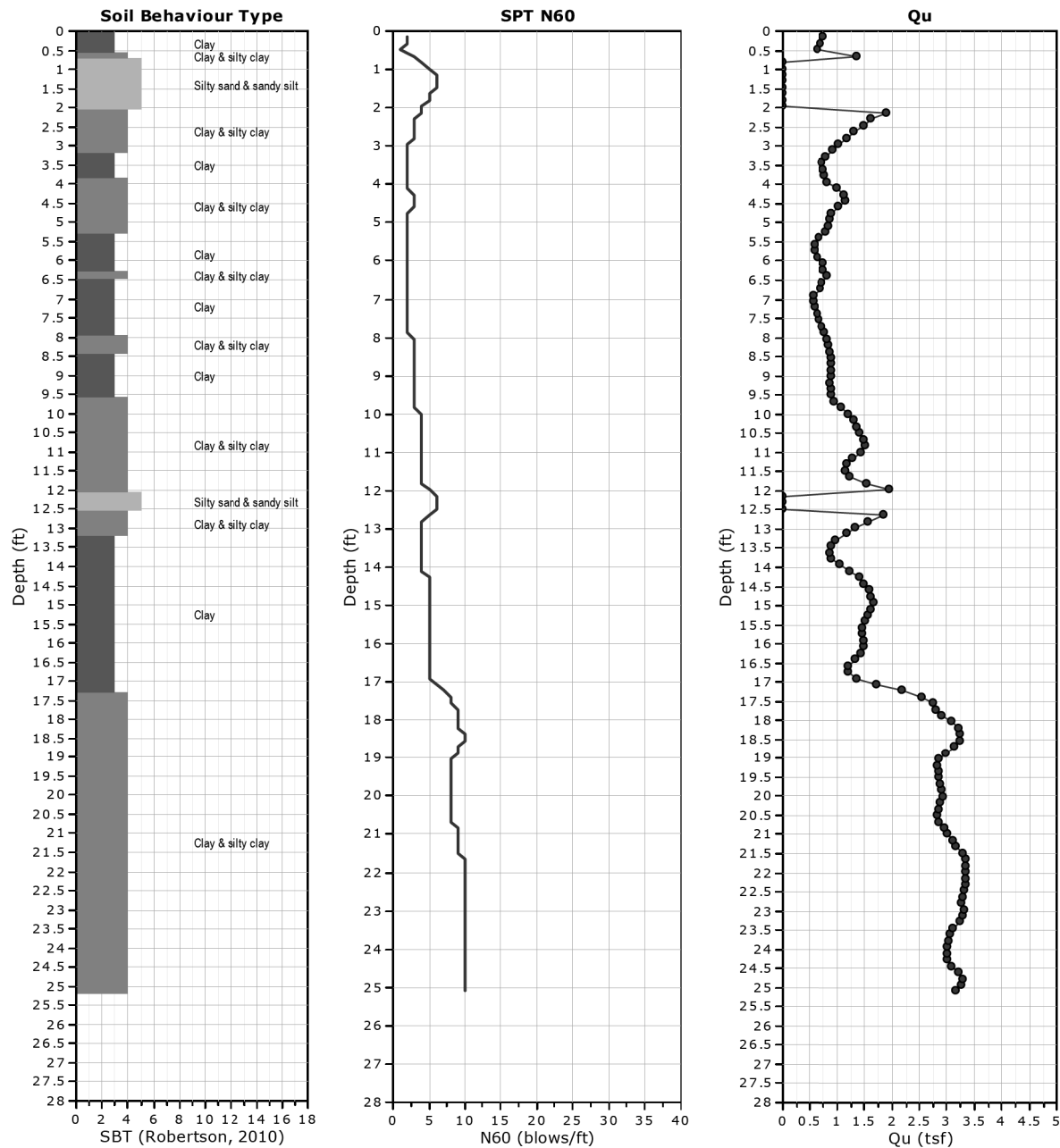
Total depth: 25.10 ft, Date: 8/29/2019

Surface Elevation: 725.33 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Jackson Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 9/4/2019, 5:52:08 PM
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www.sciengineering.com
SCI Project: 2018-3237.10

**CPT B-8,
Station 1000+32.00' @ 56.00' RT.**

CPT = Cone Penetrometer Test **CPT: B-8**

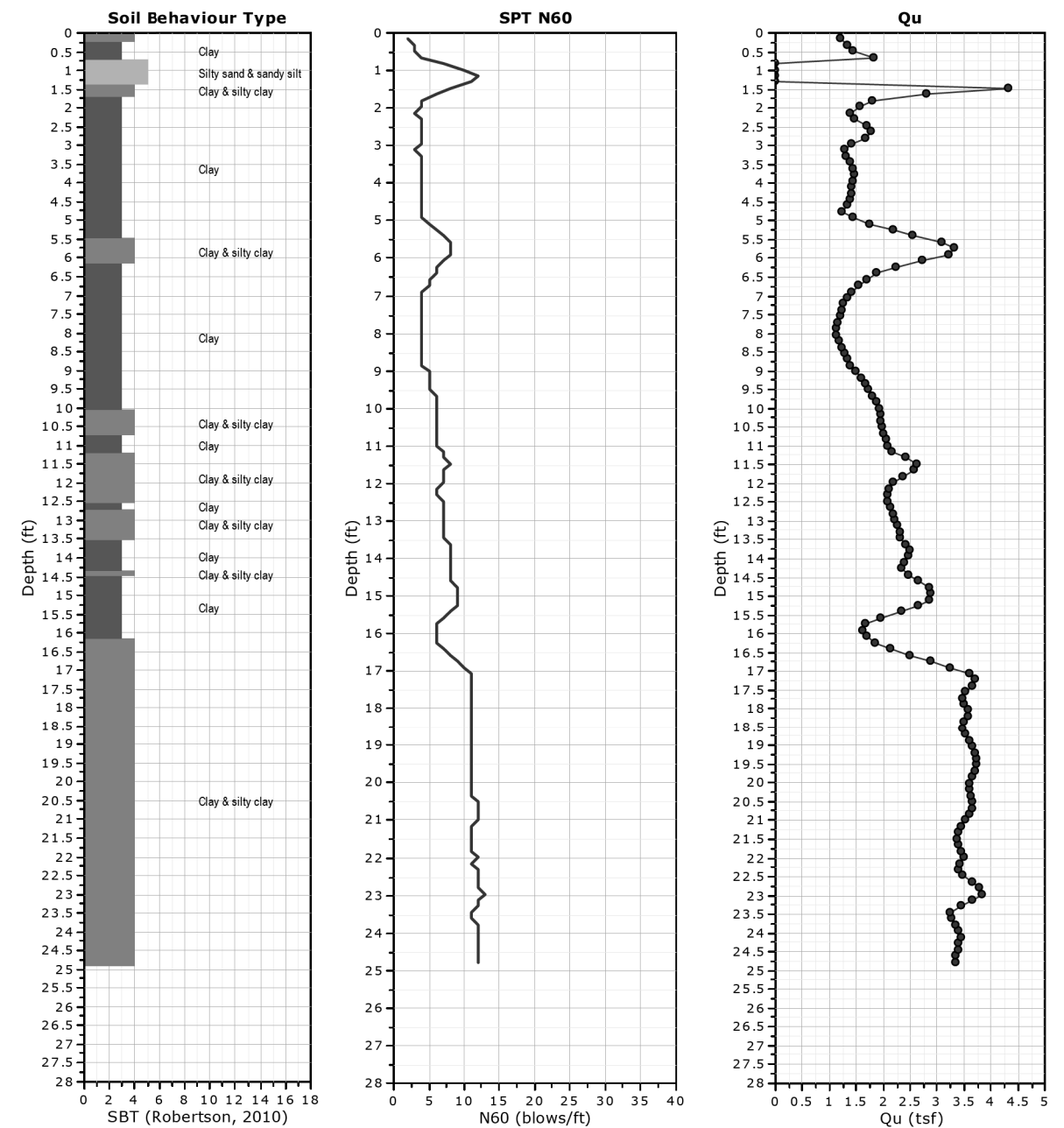
Total depth: 24.77 ft, Date: 8/29/2019

Surface Elevation: 724.21 ft

Cone Operator: TMW

Project: Pittsfield Mast Arms - PTB 190, Item 30 Various Geotechnical - WO#1

Location: Pittsfield, Illinois Intersection of Jackson Street and Washington Street (US 54 / IL 106)



CPeT-IT v.2.1.1.8 - CPTU data presentation & interpretation software - Report created on: 8/30/2019, 12:09:36 PM
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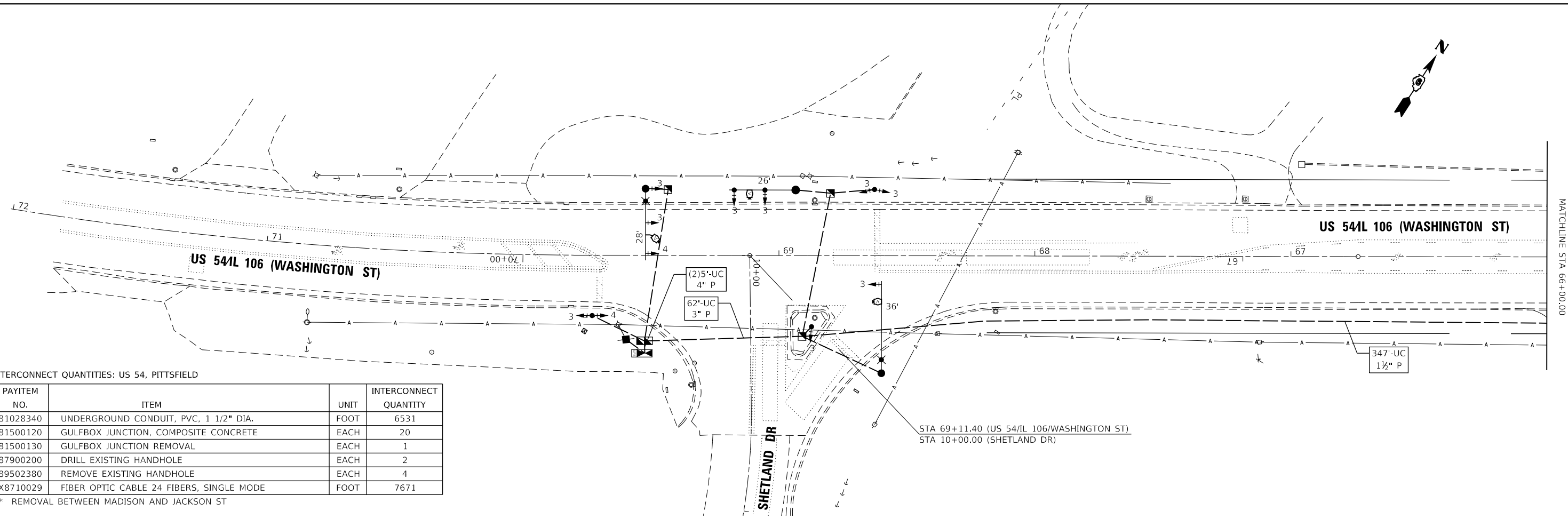
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 54/IL 106
SOIL BORING LOGS**

SCALE: SHEET 27 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72H83				
ILLINOIS		FED. AID PROJECT		

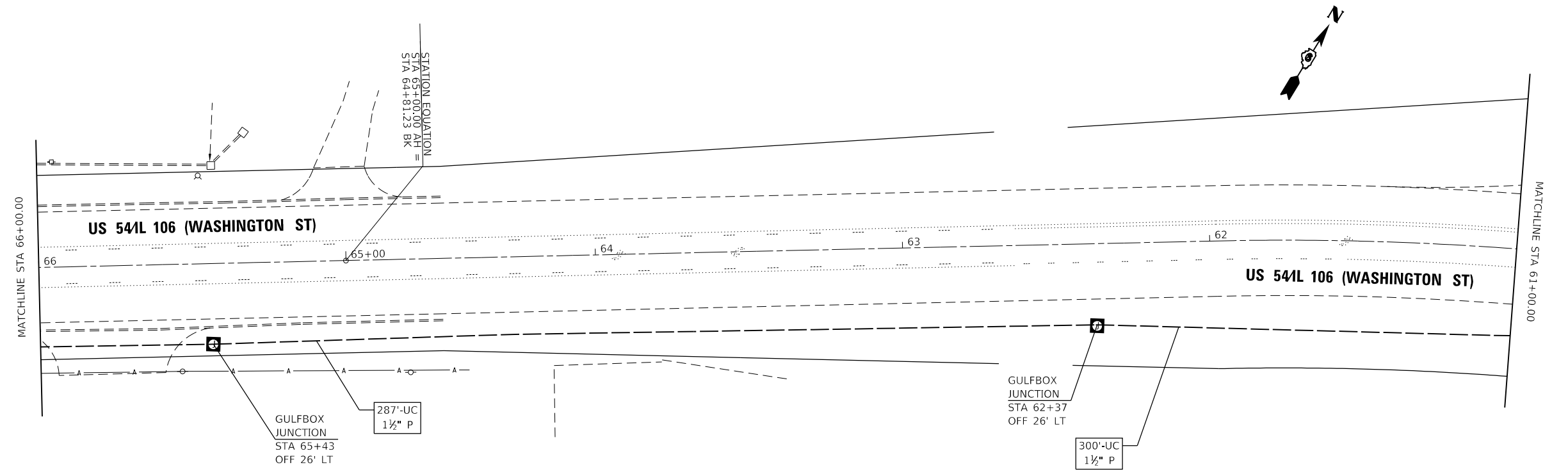
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 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738



INTERCONNECT QUANTITIES: US 54, PITTSFIELD

PAYITEM NO.	ITEM	UNIT	INTERCONNECT QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	6531
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	20
* 81500130	GULFBOX JUNCTION REMOVAL	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	2
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	7671

* REMOVAL BETWEEN MADISON AND JACKSON ST



USER NAME = jackce	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

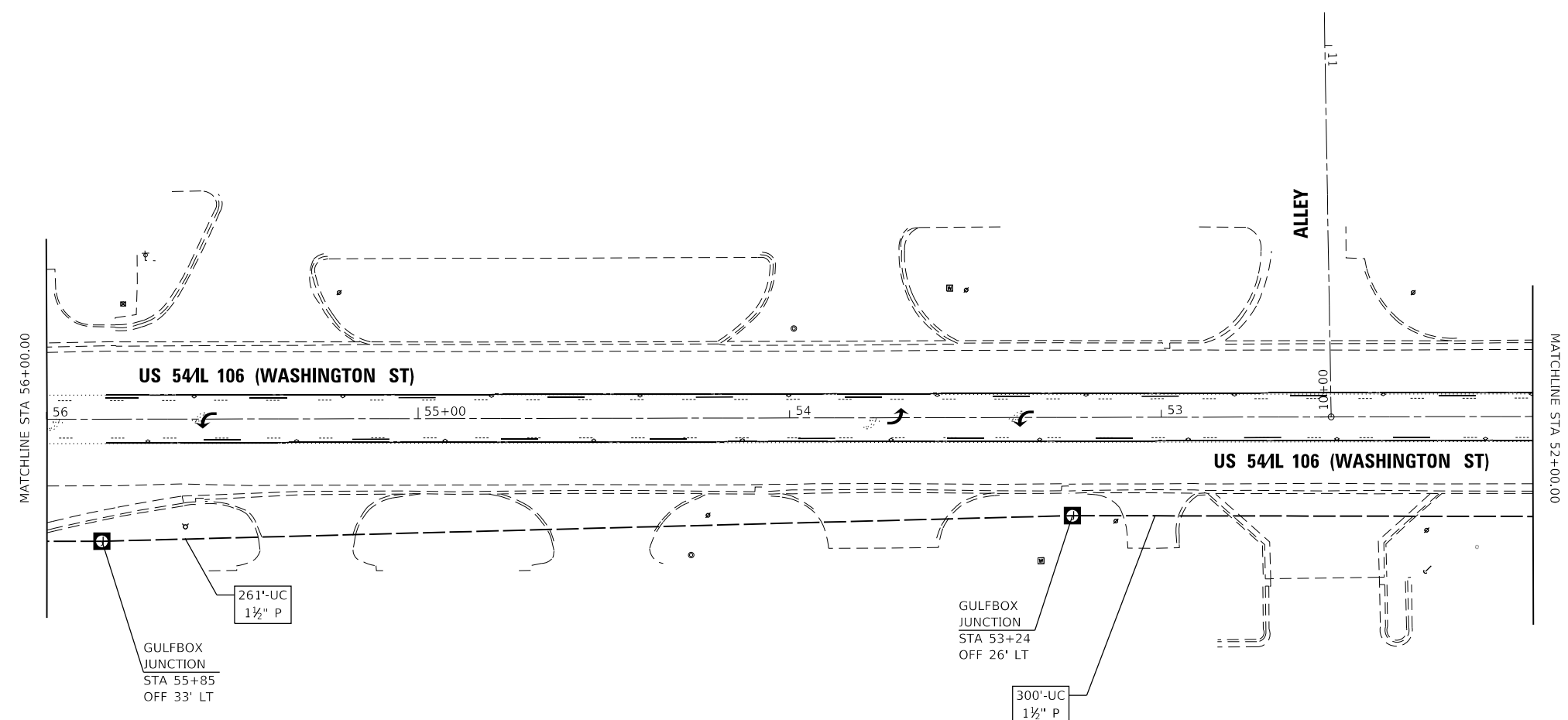
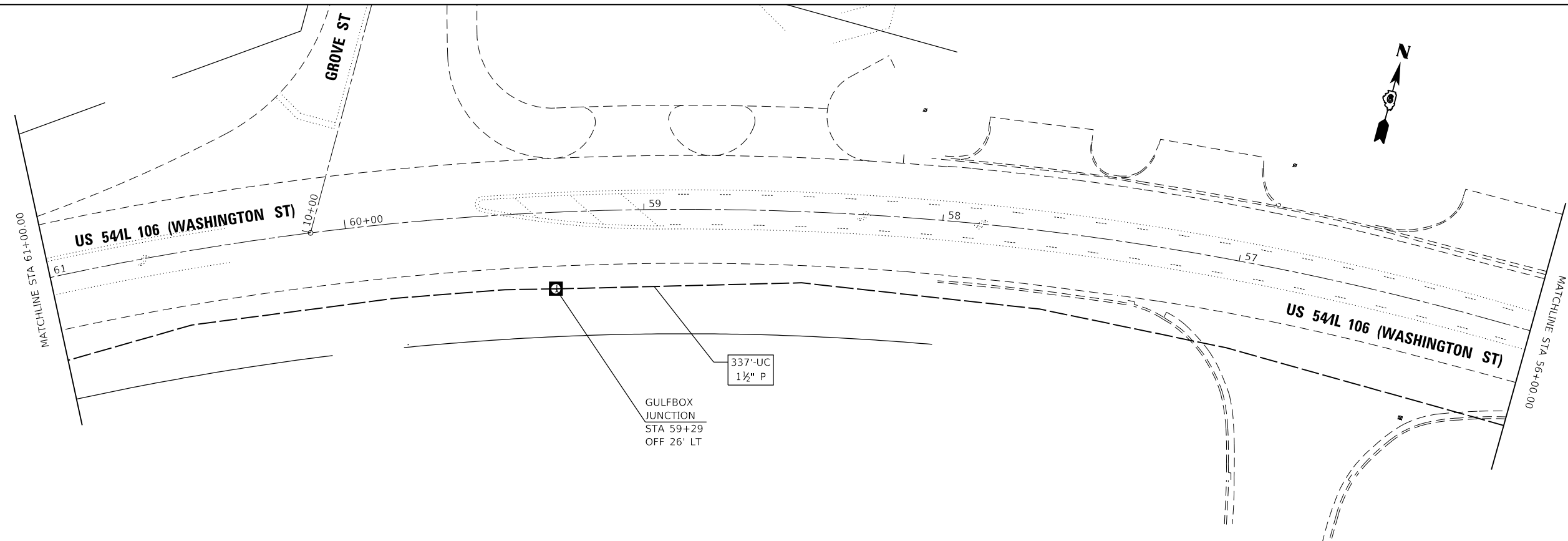
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR INTERCONNECT
US 54 (WASHINGTON ST)

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	157
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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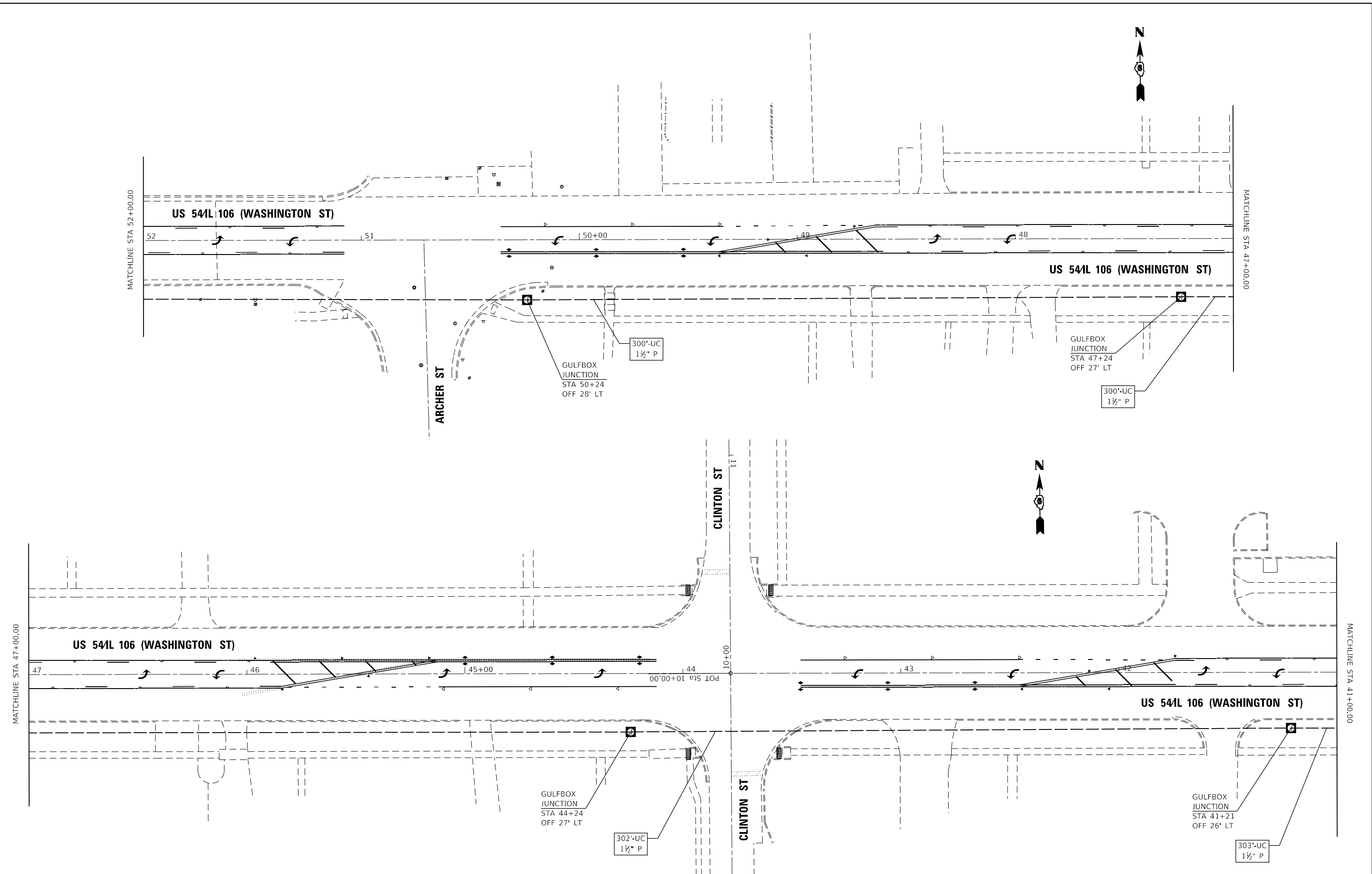
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PR INTERCONNECT
US 54 (WASHINGTON ST)
 SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	158
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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USER NAME = jackce	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

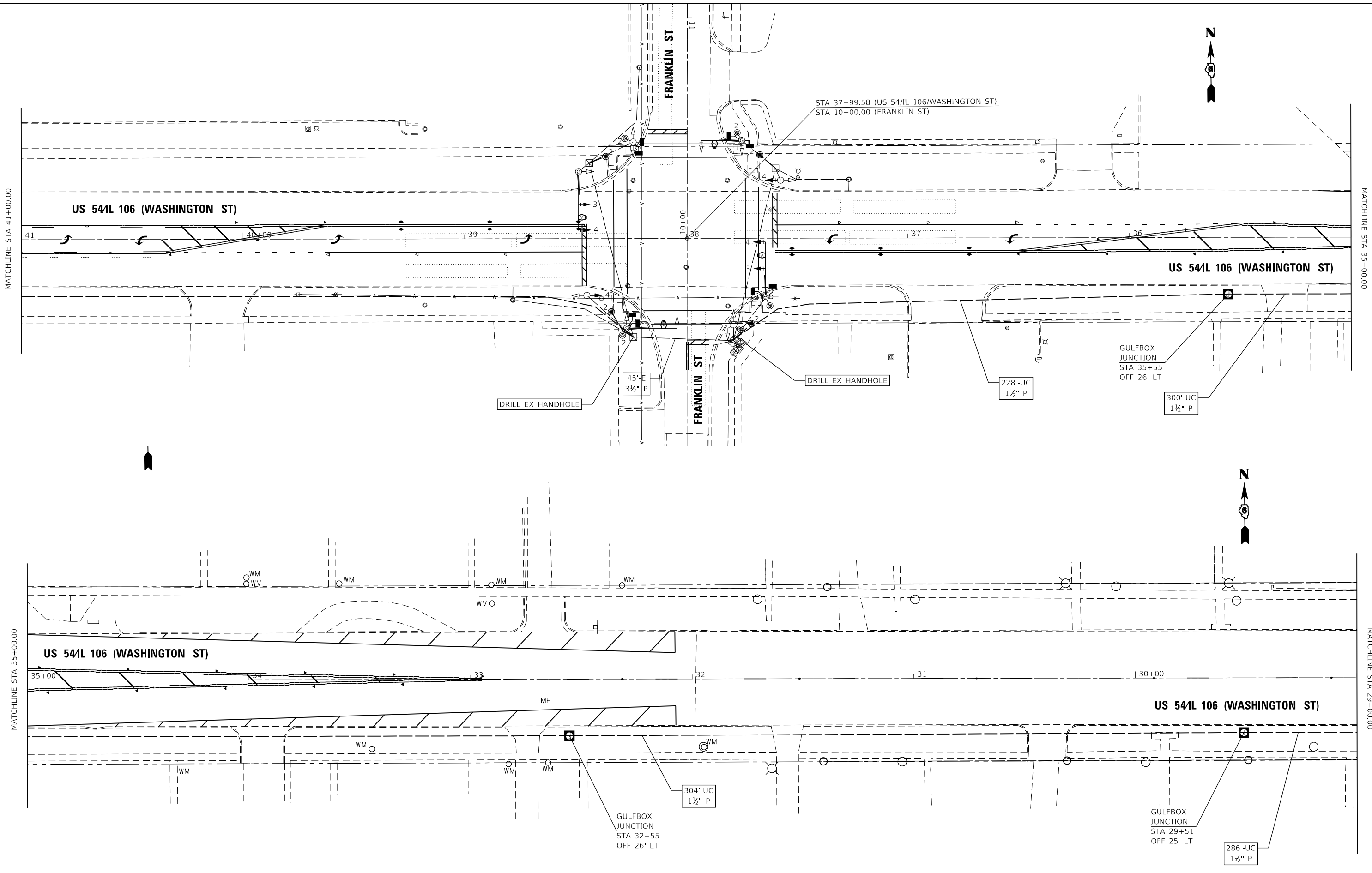
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
US 54 (WASHINGTON ST)**

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	159
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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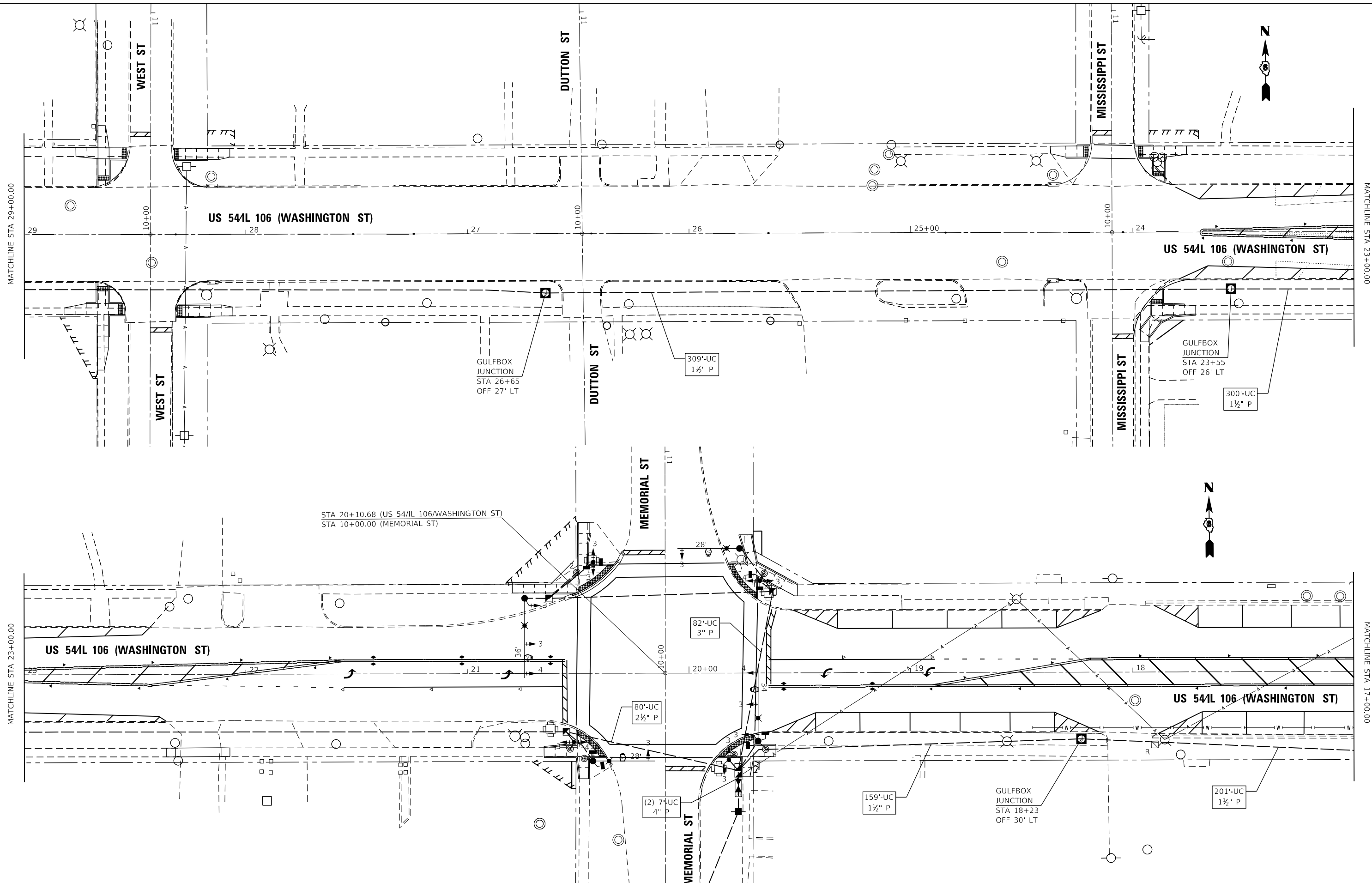
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
US 54 (WASHINGTON ST)**

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

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CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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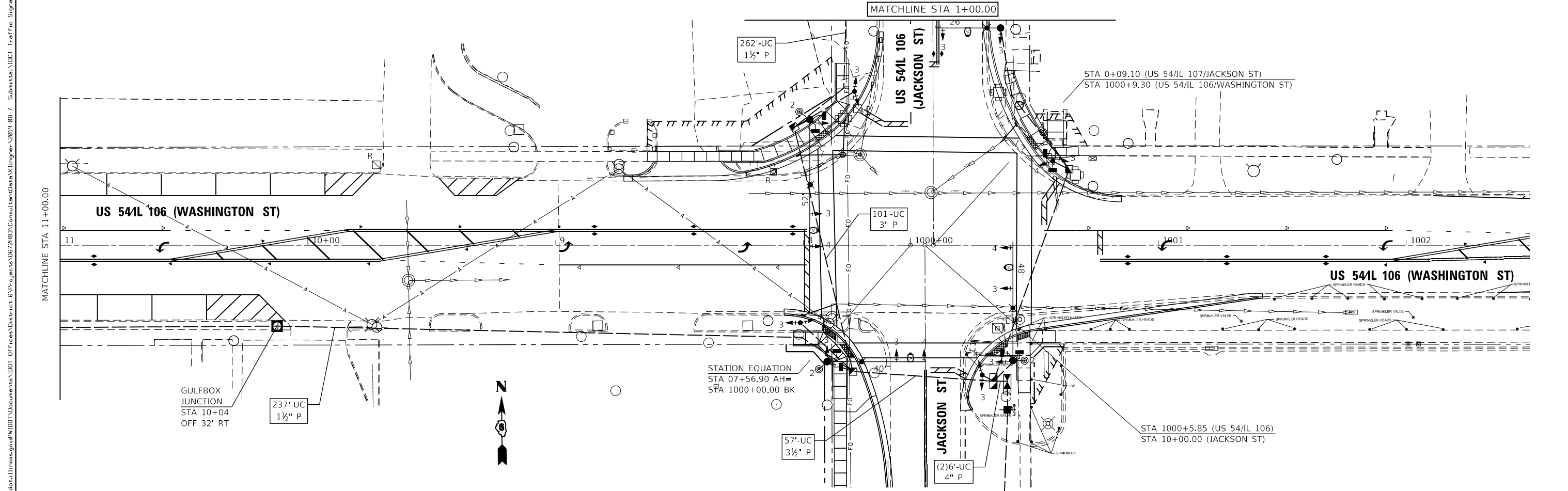
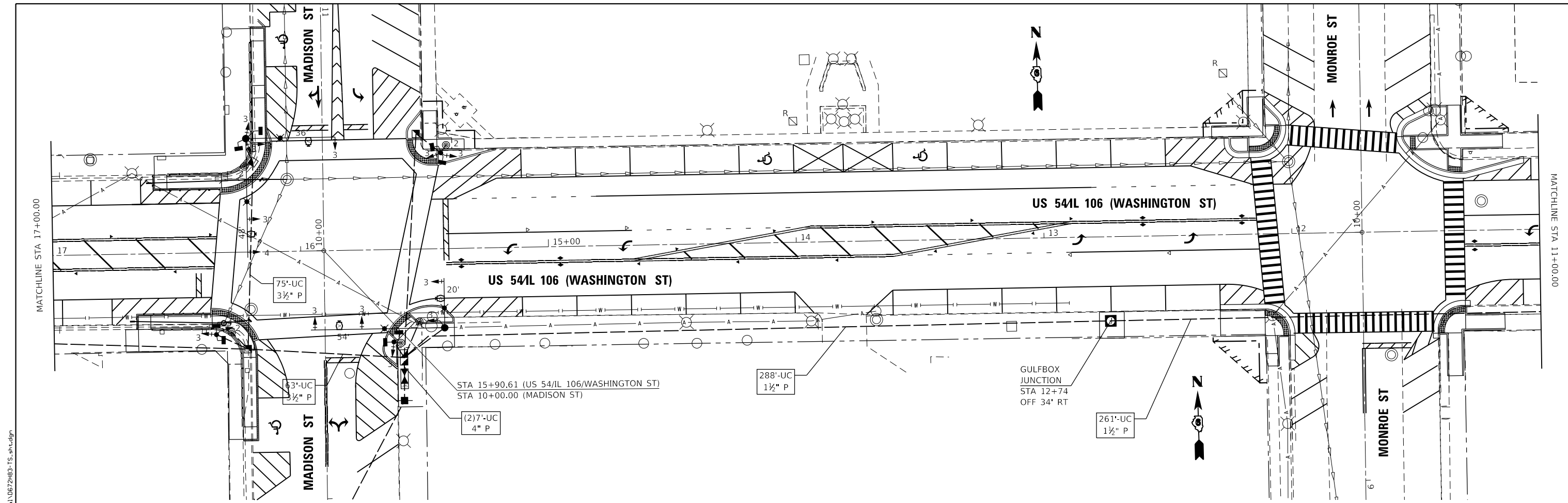
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (WASHINGTON ST)**

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	161
CONTRACT NO. 72H83				
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

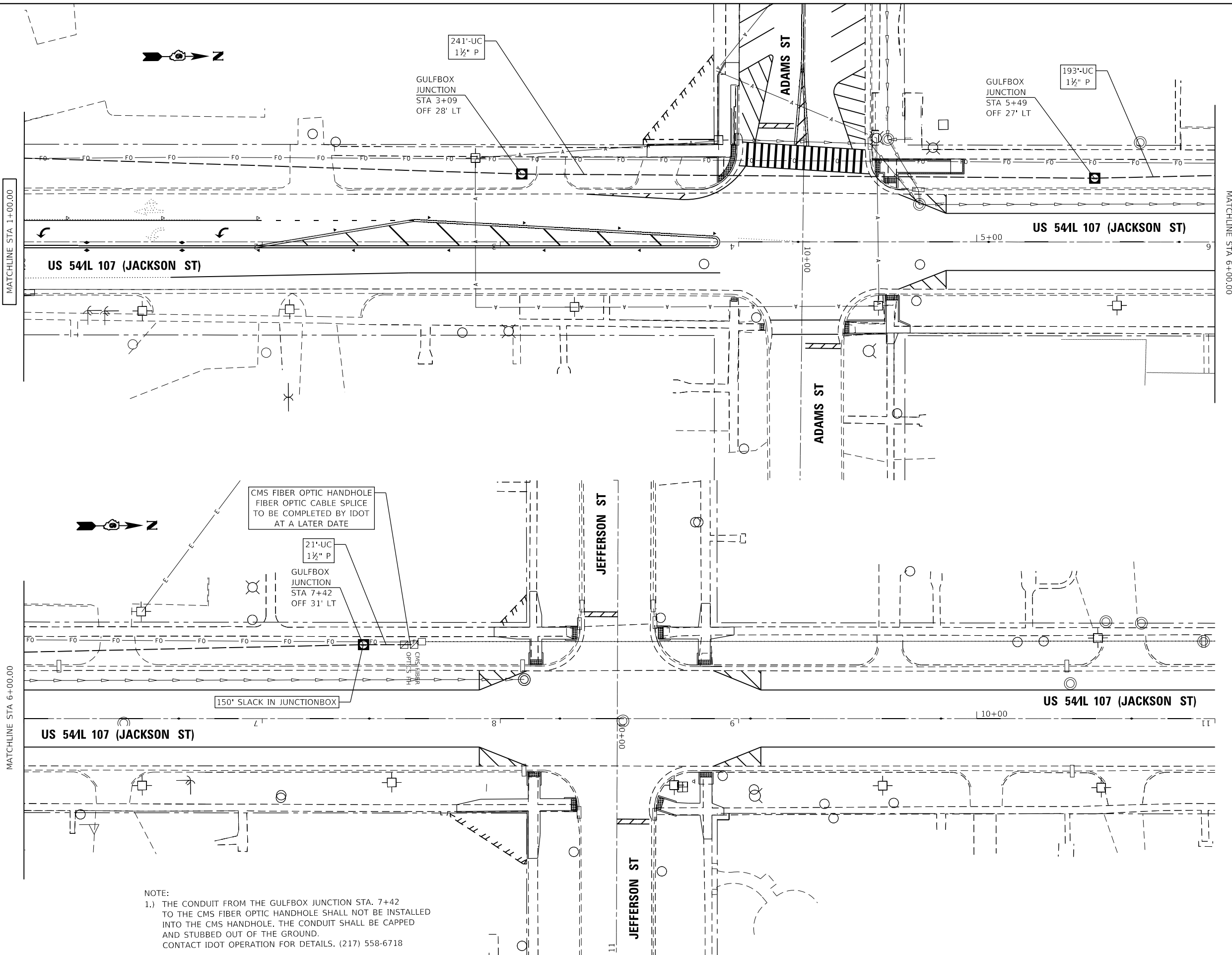
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (JACKSON ST)**

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	162
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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NOTE:
 1.) THE CONDUIT FROM THE GULFBOX JUNCTION STA. 7+42 TO THE CMS FIBER OPTIC HANDHOLE SHALL NOT BE INSTALLED INTO THE CMS HANDHOLE. THE CONDUIT SHALL BE CAPPED AND STUBBED OUT OF THE GROUND. CONTACT IDOT OPERATION FOR DETAILS. (217) 558-6718

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

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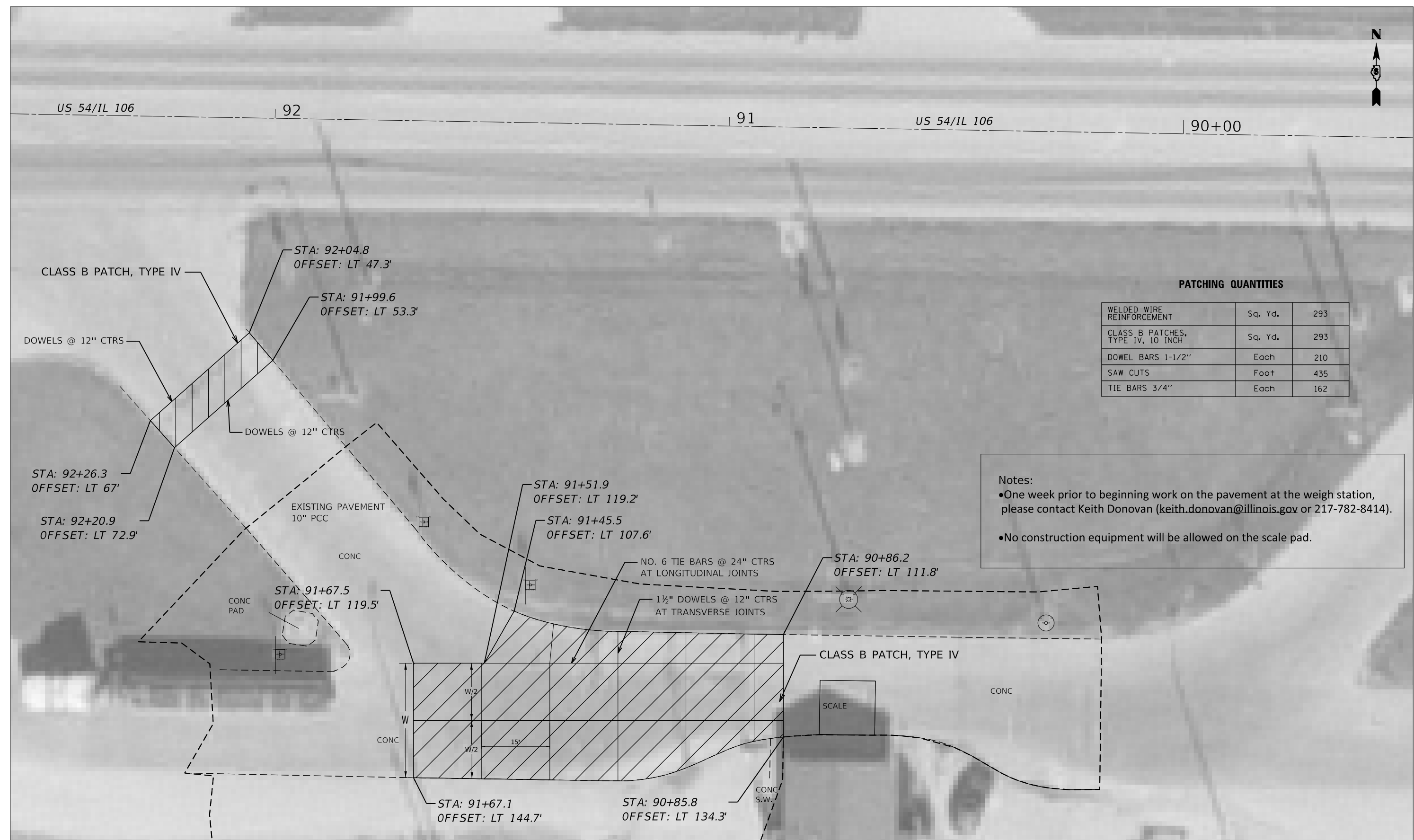
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT
 US 54 (JACKSON ST)**

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	163
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



PATCHING QUANTITIES

ITEM	UNIT	QUANTITY
WELDED WIRE REINFORCEMENT	Sq. Yd.	293
CLASS B PATCHES, TYPE IV, 10 INCH	Sq. Yd.	293
DOWEL BARS 1-1/2"	Each	210
SAW CUTS	Foot	435
TIE BARS 3/4"	Each	162

Notes:

- One week prior to beginning work on the pavement at the weigh station, please contact Keith Donovan (keith.donovan@illinois.gov or 217-782-8414).
- No construction equipment will be allowed on the scale pad.

C:\planning\com\dot\illinois\dot\Documents\DOT\Offices\District_6\Projects\0672H83\ConsultantData\Klinger\2019-08-7_Submittal\DOT_Weigh_Station\0672H83_pav1_patch_sht.plandgn

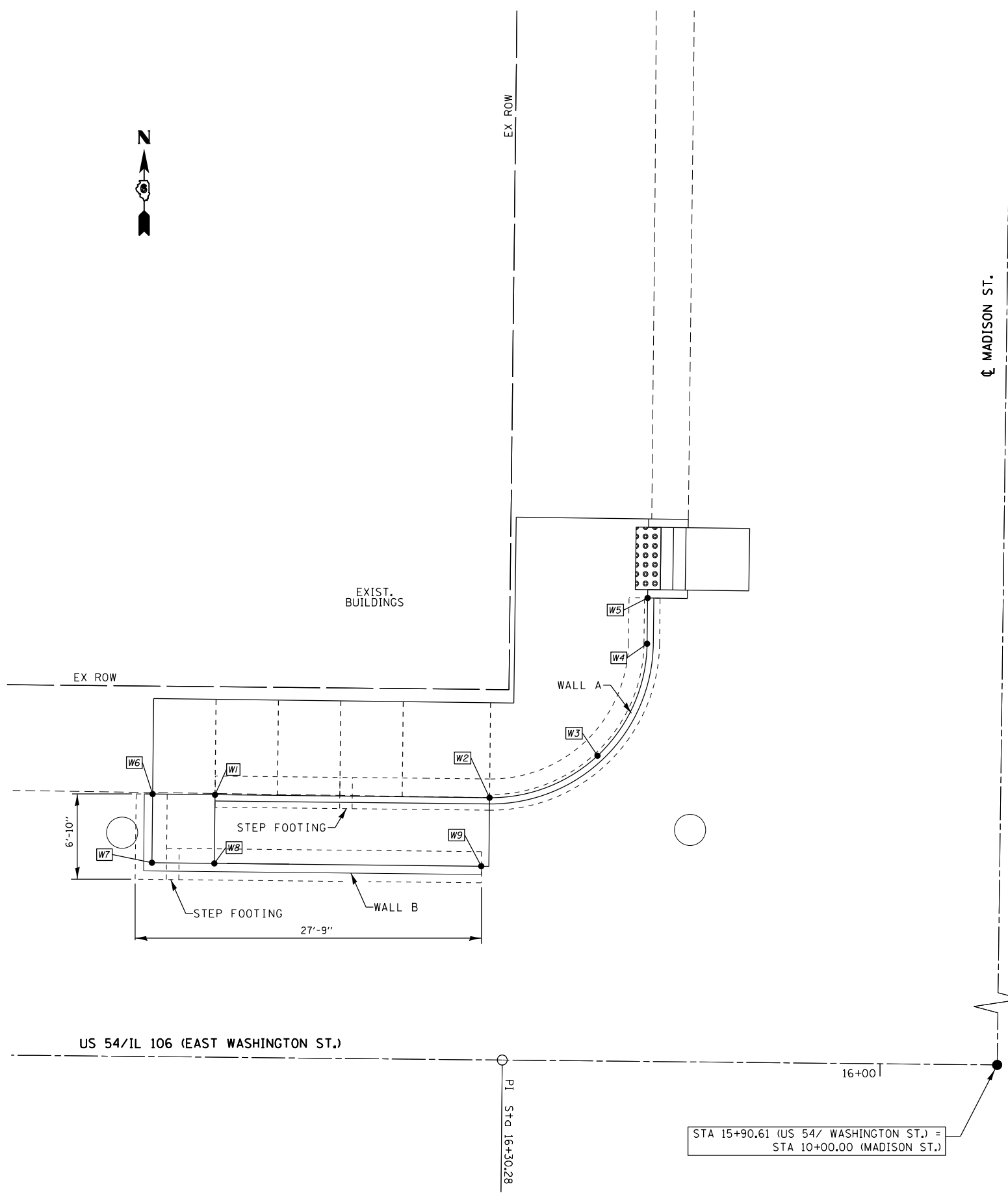


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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

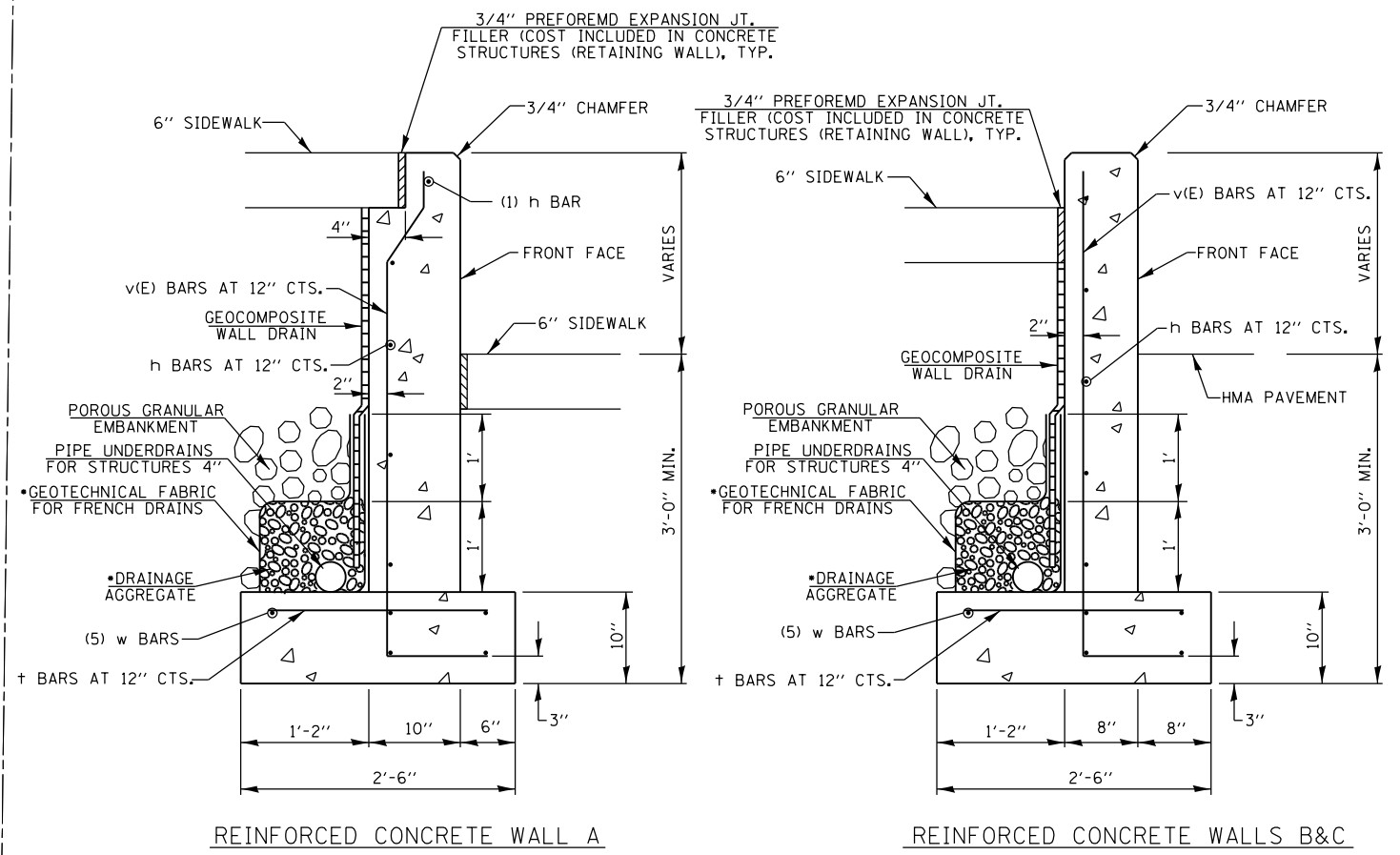
WEIGH STATION PAVEMENT PATCHING SHEET
US 54 /IL 106 (EAST WASHINGTON ST.)
 SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	164
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



WALL ELEVATIONS

POINT	US 54/WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION	TOP OF FOOTING ELEVATION
	STATION	OFFSET	STATION	OFFSET		
W1	16+53.48	31.63' RT	10+31.43	62.97' LT	736.57	733.50
W2	16+31.48	31.61' RT	10+31.48	40.97' LT	736.67	732.50
W3	16+22.85	35.06' RT	10+34.96	32.35' LT	736.63	732.50
W4	16+18.97	44.07' RT	10+43.98	28.50' LT	736.73	732.50
W5	16+18.95	47.74' RT	10+47.65	28.50' LT	736.91	732.50
W6	16+58.48	31.63' RT	10+31.42	67.97' LT	737.06	731.50
W7	16+58.48	26.13' RT	10+25.92	67.96' LT	737.04	732.50
W8	16+53.48	26.13' RT	10+25.93	62.96' LT	736.99	732.50
W9	16+32.08	26.11' RT	10+25.98	41.54' LT	735.53	732.50



• INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES, (SEE SPECIAL PROVISIONS)

DESIGN SPECIFICATIONS

2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
7TH EDITION WITH 2015 AND 2016 INTERIMS

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (REINFORCEMENT)
SOIL UNCONFINED COMPRESSIVE STRENGTH = 1,500 PSF

REV. 1-7-2020

SHEET 1 OF 8

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Engineers • Architects • Surveyors
616 N. 24TH ST., QUINCY, ILLINOIS 62301-2117, 223-3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

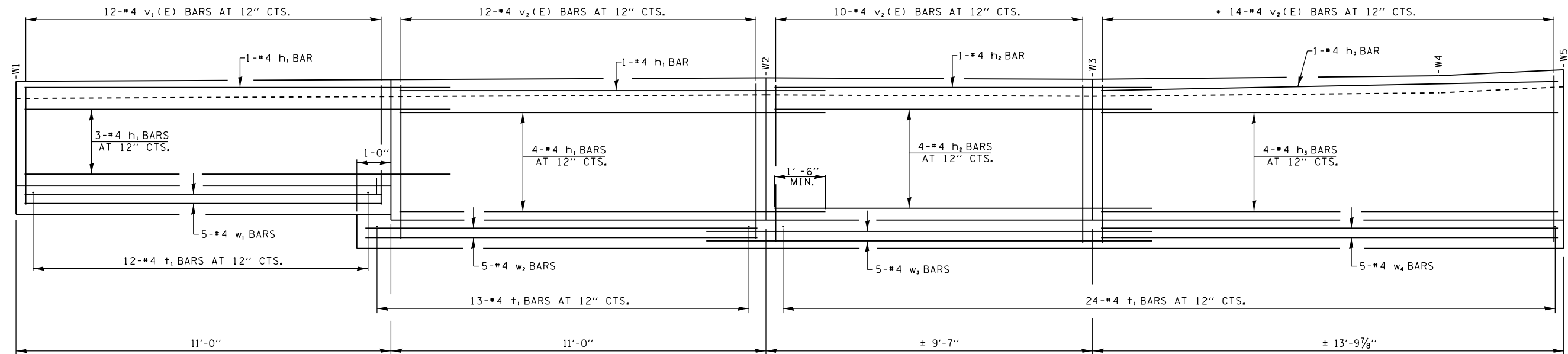
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL DETAILS
MADISON STREET /N.W. QUADRANTS
US 54 /IL 106 (EAST WASHINGTON ST.)**

SCALE: 1:5 SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) R5-8, ADA	PIKE	181	165
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



* TRIM BARS AS NEEDED

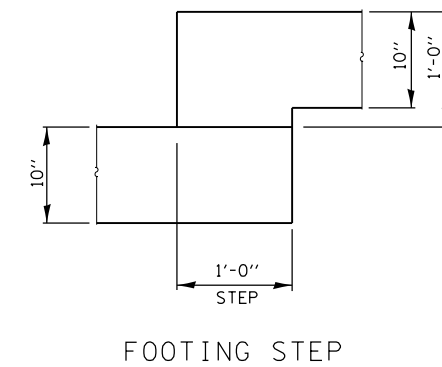
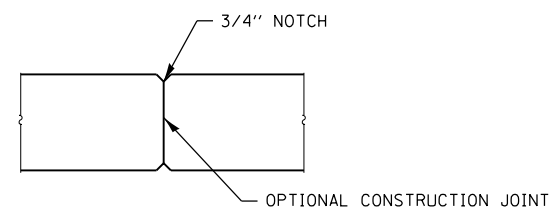
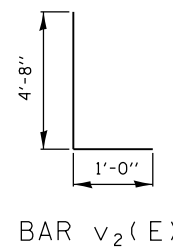
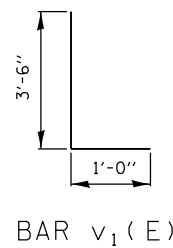
WALL A PROFILE - REINFORCEMENT LAYOUT

LOOKING UNFOLDED ALONG FRONT FACE OF WALL
DIMENSIONS TAKEN ALONG ϕ OF WALL

	NO.	SIZE	LENGTH	SHAPE
h ₁	9	#4	12'-6"	
h ₂	5	#4	11'-2"	
h ₃	5	#4	13'-4"	
t ₁	49	#4	2'-0"	
v ₁ (E)	12	#4	4'-6"	
v ₂ (E)	48	#4	5'-8"	
w ₁	5	#4	10'-6"	
w ₂	5	#4	11'-6"	
w ₃	5	#4	13'-5"	
w ₄	5	#4	13'-10"	
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	9.0
REINFORCEMENT BARS, EPOXY COATED			Pound	220
REINFORCEMENT BARS			Pound	390
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	20
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	53
POROUS GRANULAR EMBANKMENT			Cu. Yd.	104.7

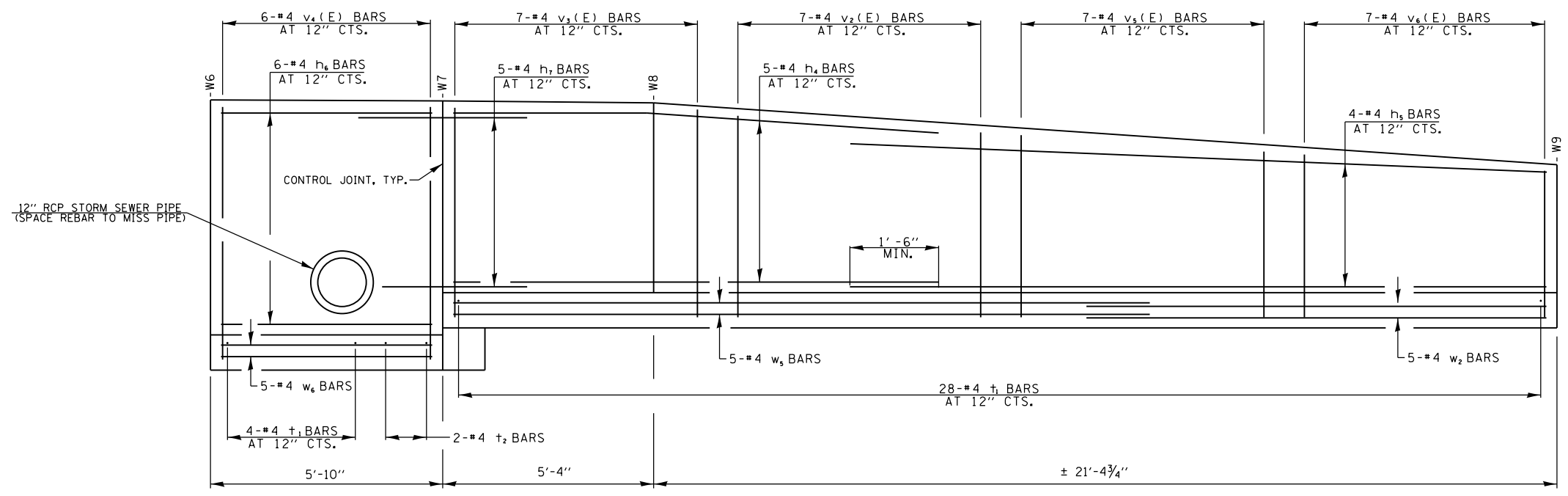
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.



REV. 1-7-2020

SHEET 2 OF 8

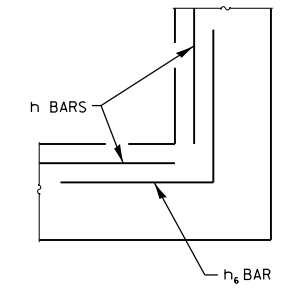
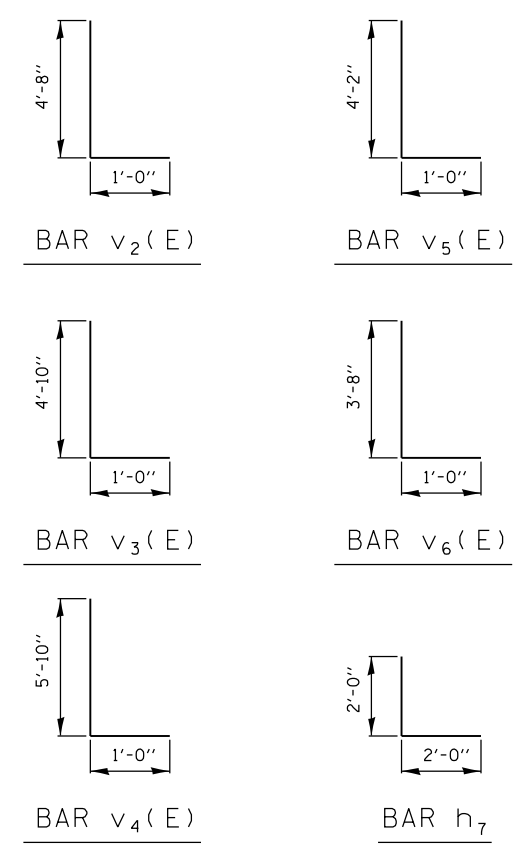


WALL B PROFILE -REINFORCEMENT LAYOUT

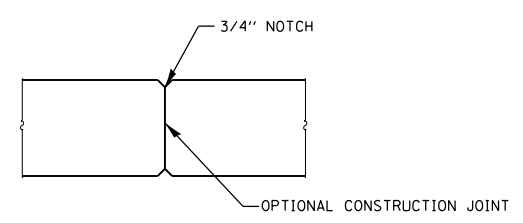
LOOKING UNFOLDED ALONG FRONT FACE OF WALL
DIMENSIONS TAKEN ALONG ϕ OF WALL

	NO.	SIZE	LENGTH	SHAPE
h_4	5	#4	11'-6"	
h_5	4	#4	16'-6"	
h_6	6	#4	5'-4"	
h_7	5	#4	4'-0"	
t_1	33	#4	2'-0"	
t_2	2	#4	3'-0"	
$v_2(E)$	7	#4	5'-8"	
$v_3(E)$	7	#4	5'-10"	
$v_4(E)$	6	#4	6'-10"	
$v_5(E)$	7	#4	5'-2"	
$v_6(E)$	7	#4	4'-8"	
w_2	5	#4	11'-6"	
w_5	5	#4	16'-6"	
w_6	5	#4	5'-4"	
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	6.0
REINFORCEMENT BARS, EPOXY COATED			Pound	130
REINFORCEMENT BARS			Pound	280
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	15
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	50
POROUS GRANULAR EMBANKMENT			Cu. Yd.	16.7

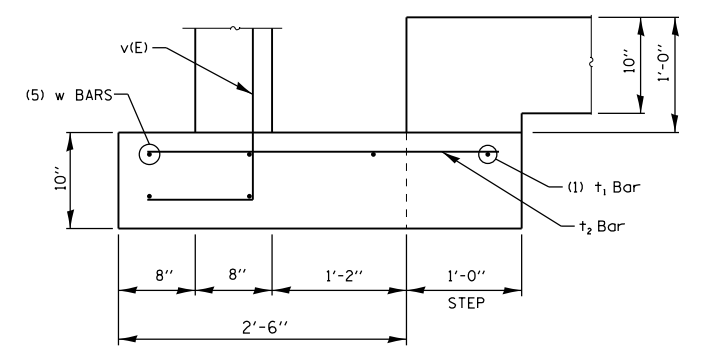
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.



CORNER REINFORCEMENT



CONTROL JOINT
SEE PROFILE FOR LOCATIONS



FOOTING STEP

REV. 1-7-2020

SHEET 3 OF 8

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REV. 1-7-2020

SHEET 4 OF 8

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 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = cds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/19/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BLANK SHEET

SCALE: 1:5 SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	168
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

**TOP OF WALL ELEVATIONS – S.W. QUADRANT
US 54 / WASHINGTON ST. – MADISON ST.**

POINT	US 54/ WASHINGTON ST.		MADISON ST.		TOP OF WALL ELEVATION	TOP OF FOOTING ELEVATION
	STATION	OFFSET	STATION	OFFSET		
W1	16+60.98	30.43' LT	9+69.34	70.28' LT	736.75	732.75
W2	16+36.53	30.49' LT	9+69.37	45.83' LT	736.68	732.75
W3	16+27.95	33.81' LT	9+66.08	37.24' LT	736.64	732.75
W4	16+25.06	38.18' LT	9+61.71	34.33' LT	736.66	732.75
W5	16+24.28	42.44' LT	9+57.45	33.54' LT	736.68	732.75
W6	16+22.37	48.79' LT	9+51.11	31.61' LT	736.71	732.75
W7	16+22.42	55.04' LT	9+44.86	31.64' LT	736.64	732.75
W8	16+36.78	24.99' LT	9+74.87	46.09' LT	735.61	732.50
W9	16+60.97	24.94' LT	9+74.84	70.28' LT	737.17	732.50
W10	16+65.97	24.93' LT	9+74.83	75.28' LT	737.18	732.50
W11	16+65.98	30.43' LT	9+69.33	75.28' LT	737.26	731.75

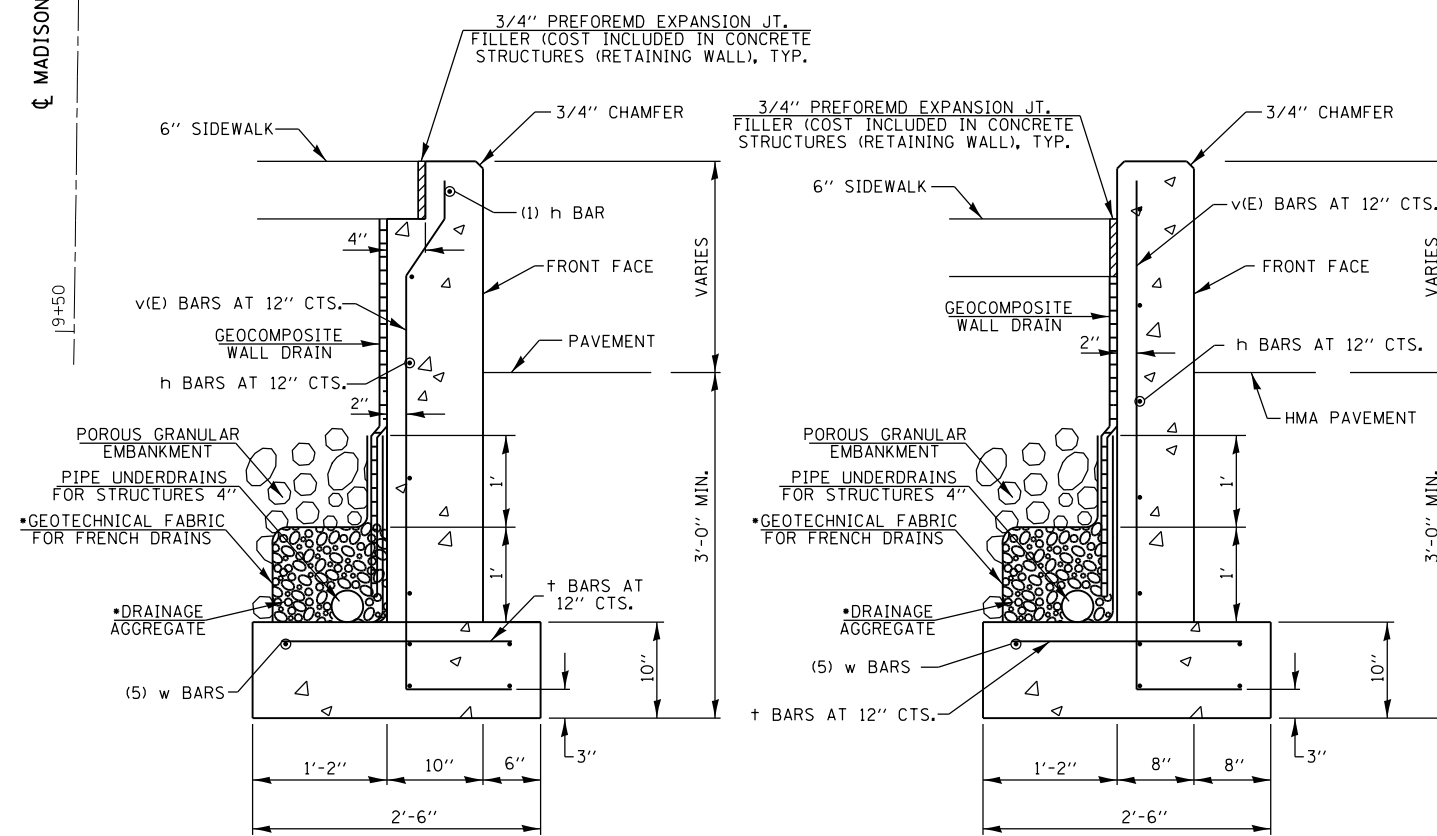
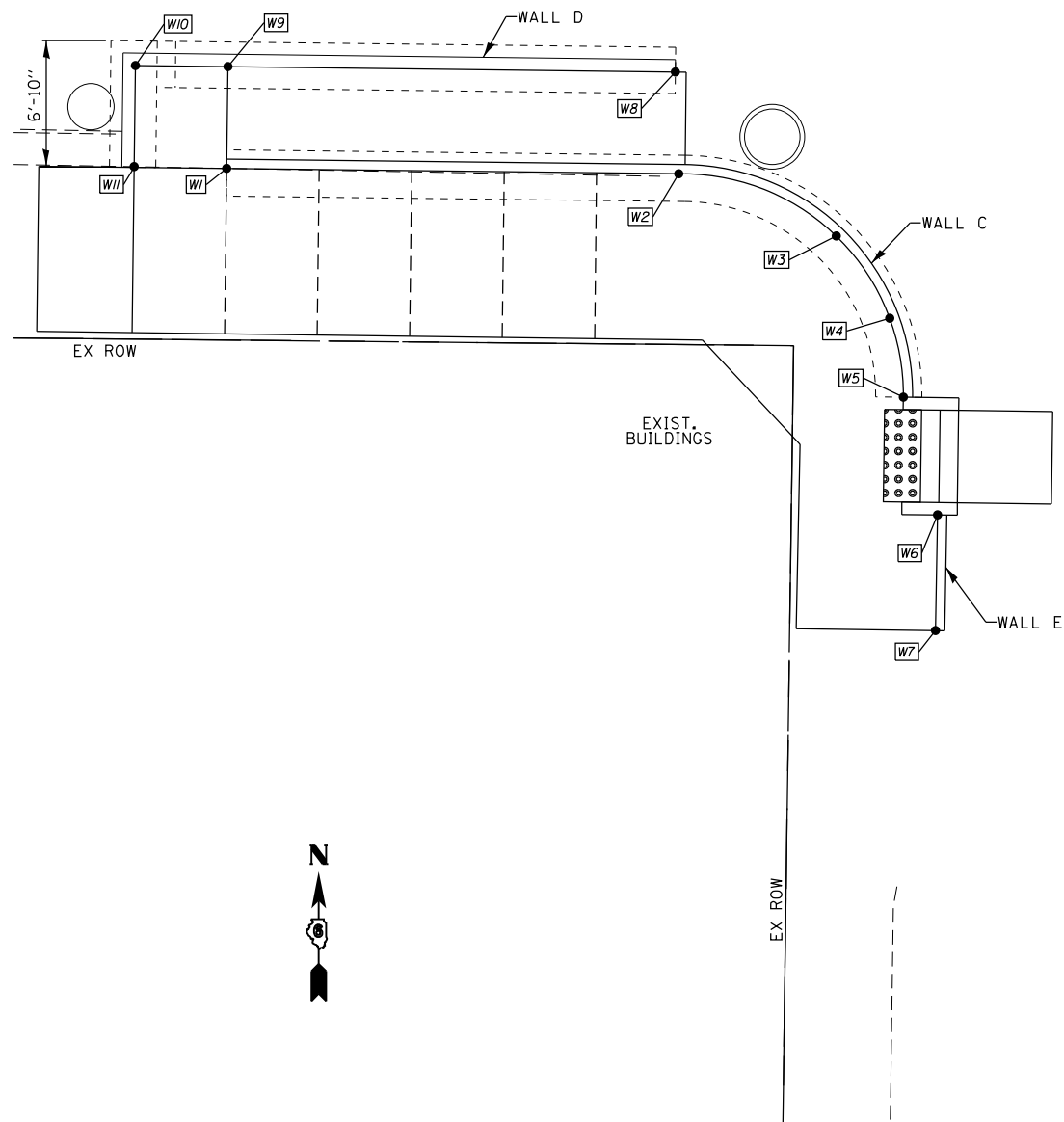
STA 15+90.61 (US 54/ WASHINGTON ST.) =
STA 10+00.00 (MADISON ST.)

US 54/IL 106 (WASHINGTON ST.)

16+00

CL MADISON ST.

19+50



REINFORCED CONCRETE WALLS C AND E

REINFORCED CONCRETE WALL D

• INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES, (SEE SPECIAL PROVISIONS)

DESIGN SPECIFICATIONS

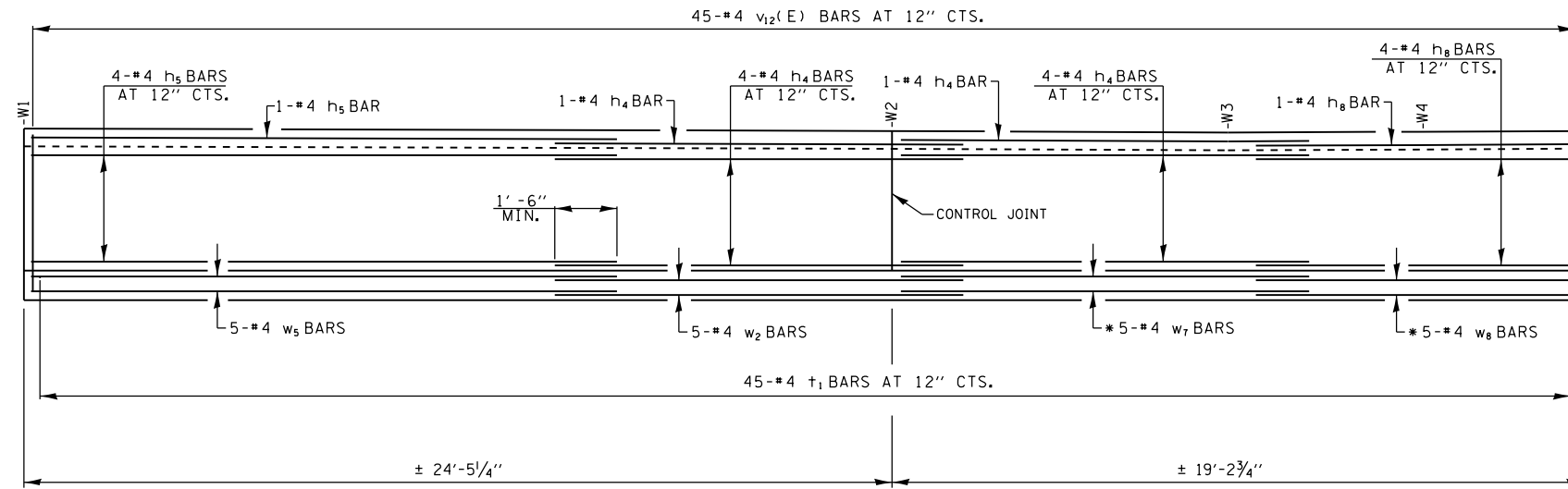
2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
7TH EDITION WITH 2015 AND 2016 INTERIMS

DESIGN STRESSES

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (REINFORCEMENT)
SOIL UNCONFINED COMPRESSIVE STRENGTH = 1,500 PSF

REV. 1-7-2020

SHEET 5 OF 8



WALL C PROFILE -REINFORCEMENT LAYOUT

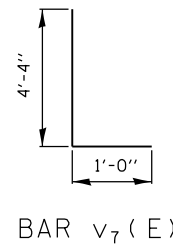
LOOKING UNFOLDED ALONG FRONT FACE OF WALL
DIMENSIONS TAKEN ALONG C OF WALL

* TRIM BARS AS NEEDED

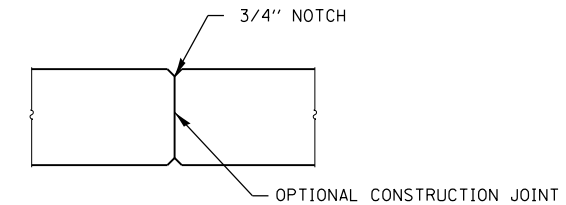
	NO.	SIZE	LENGTH	SHAPE
h ₄	10	#4	11'-6"	=====
h ₅	5	#4	16'-6"	=====
h ₈	5	#4	9'-2"	=====
t ₁	45	#4	2'-0"	=====
v ₇ (E)	45	#4	5'-4"	=====
w ₂	5	#4	11'-6"	=====
w ₅	5	#4	16'-6"	=====
w ₇	5	#4	12'-6"	=====
w ₈	5	#4	9'-4"	=====
CONCRETE STRUCTURES (RETAINING WALL)			CU. YD.	8.6
REINFORCEMENT BARS, EPOXY COATED			POUND	160
REINFORCEMENT BARS			POUND	390
GEOCOMPOSITE WALL DRAIN			SQ. YD.	19
PIPE UNDERDRAINS FOR STRUCTURES 4"			FOOT	51
POROUS GRANULAR EMBANKMENT			CU. YD.	38.5

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.



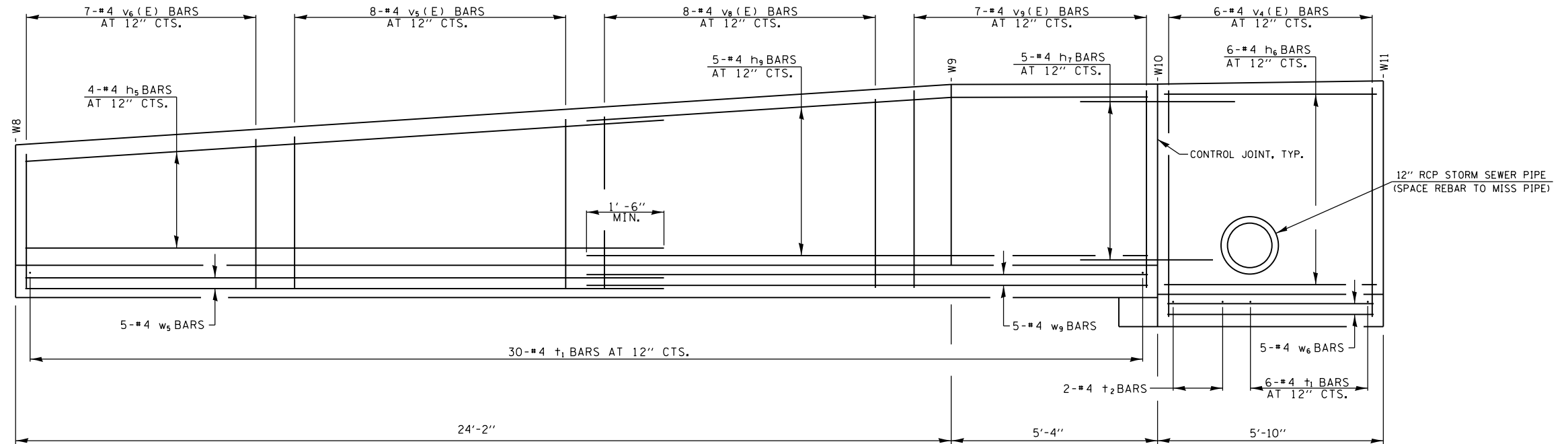
BAR v₇(E)



CONTROL JOINT
SEE PROFILE FOR LOCATIONS

REV. 1-7-2020

SHEET 6 OF 8

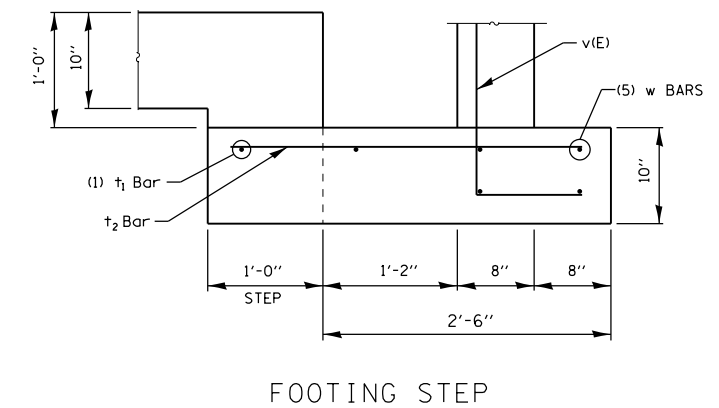
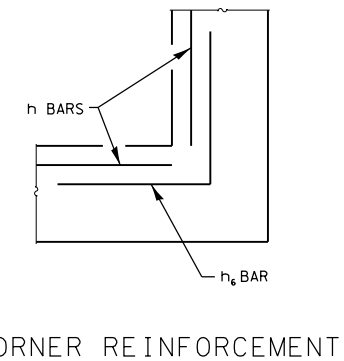
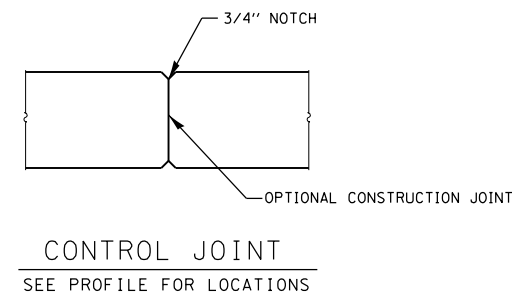
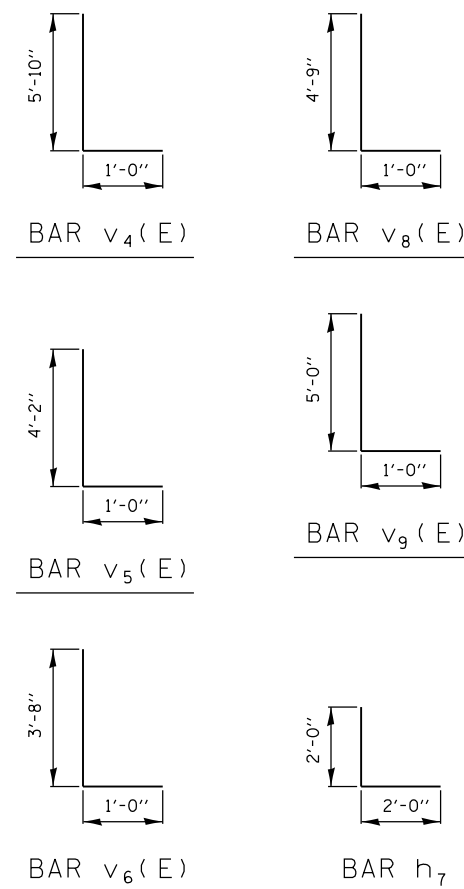


	NO.	SIZE	LENGTH	SHAPE
h ₅	4	#4	16'-6"	
h ₆	6	#4	5'-4"	
h ₇	5	#4	4'-0"	
h ₉	5	#4	14'-6"	
t ₁	36	#4	2'-0"	
t ₂	2	#4	3'-0"	
v ₄ (E)	6	#4	6'-10"	
v ₅ (E)	8	#4	5'-2"	
v ₆ (E)	7	#4	4'-8"	
v ₈ (E)	8	#4	5'-9"	
v ₉ (E)	7	#4	6'-0"	
w ₅	5	#4	16'-6"	
w ₆	5	#4	5'-4"	
w ₉	5	#4	14'-6"	
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	6.5
REINFORCEMENT BARS, EPOXY COATED			Pound	140
REINFORCEMENT BARS			Pound	300
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	17
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	42
POROUS GRANULAR EMBANKMENT			Cu. Yd.	17.9

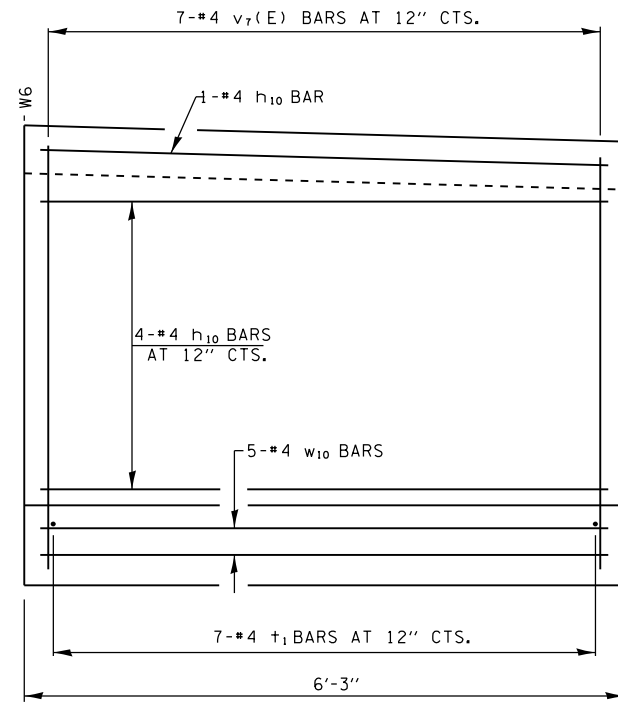
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.

WALL D PROFILE - REINFORCEMENT LAYOUT

LOOKING UNFOLDED ALONG FRONT FACE OF WALL
 DIMENSIONS TAKEN ALONG ϕ OF WALL

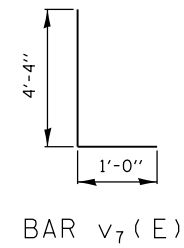


REV. 1-7-2020



WALL E PROFILE -REINFORCEMENT LAYOUT
 LOOKING UNFOLDED ALONG FRONT FACE OF WALL
 DIMENSIONS TAKEN ALONG ϕ OF WALL

	NO.	SIZE	LENGTH	SHAPE
h_{10}	5	#4	5'-11"	—
t_1	7	#4	2'-0"	—
$v_7(E)$	7	#4	5'-4"	—
w_{10}	5	#4	5'-11"	—
CONCRETE STRUCTURES (RETAINING WALL)			Cu. Yd.	1.2
REINFORCEMENT BARS, EPOXY COATED			Pound	20
REINFORCEMENT BARS			Pound	50
GEOCOMPOSITE WALL DRAIN			Sq. Yd.	3
PIPE UNDERDRAINS FOR STRUCTURES 4"			Foot	10
POROUS GRANULAR EMBANKMENT			Cu. Yd.	3.6



REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 REINFORCEMENT BARS SHALL BE FIELD BENDED AND TRIMMED, AS NEEDED.

REV. 1-7-2020

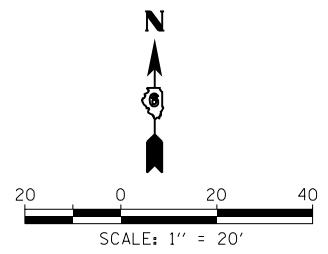
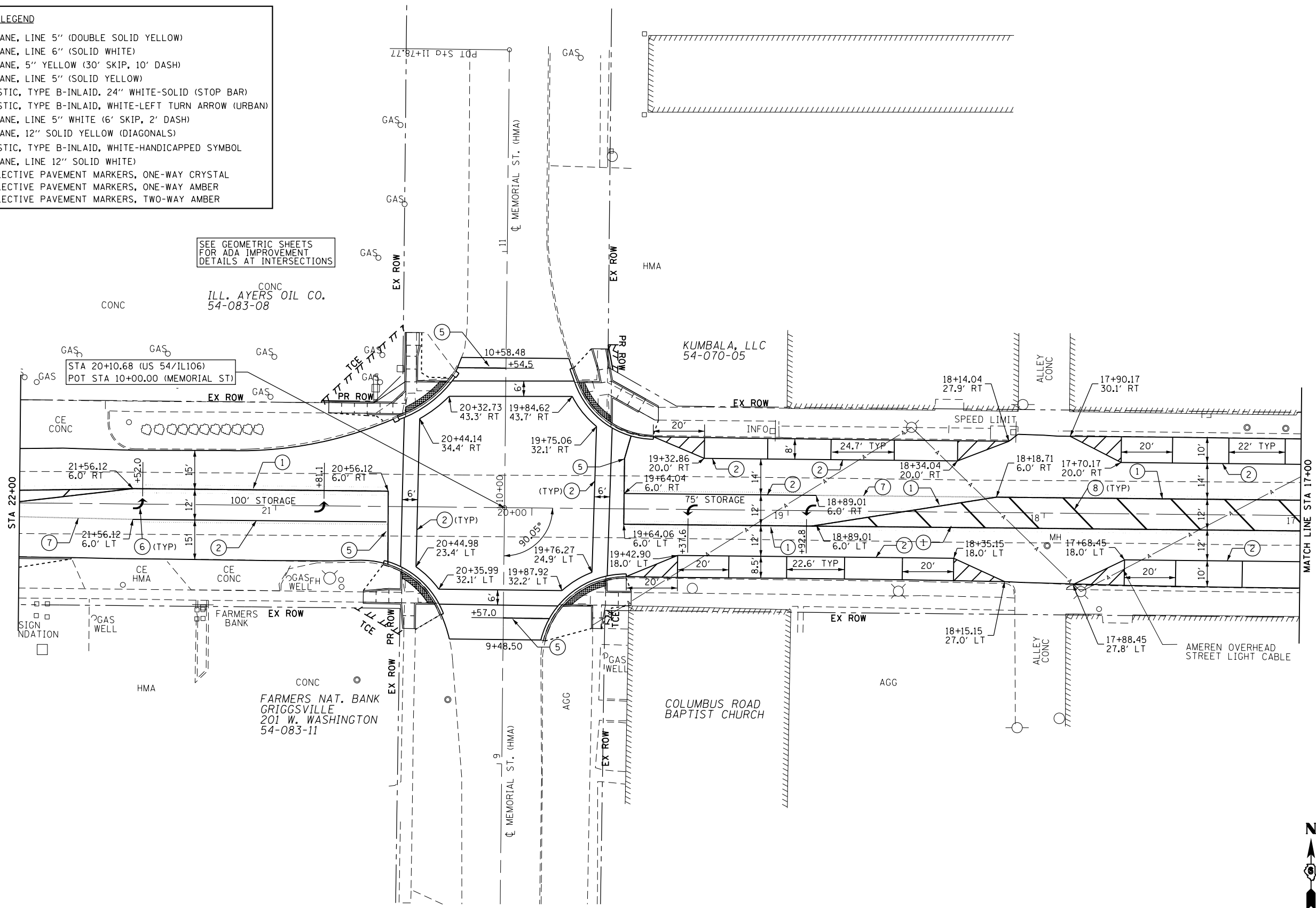
PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (URBAN)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE

▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER

SEE GEOMETRIC SHEETS FOR ADA IMPROVEMENT DETAILS AT INTERSECTIONS

SEE PLAN SHEETS 1-6 FOR STRIPING DETAILS ON US 54



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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

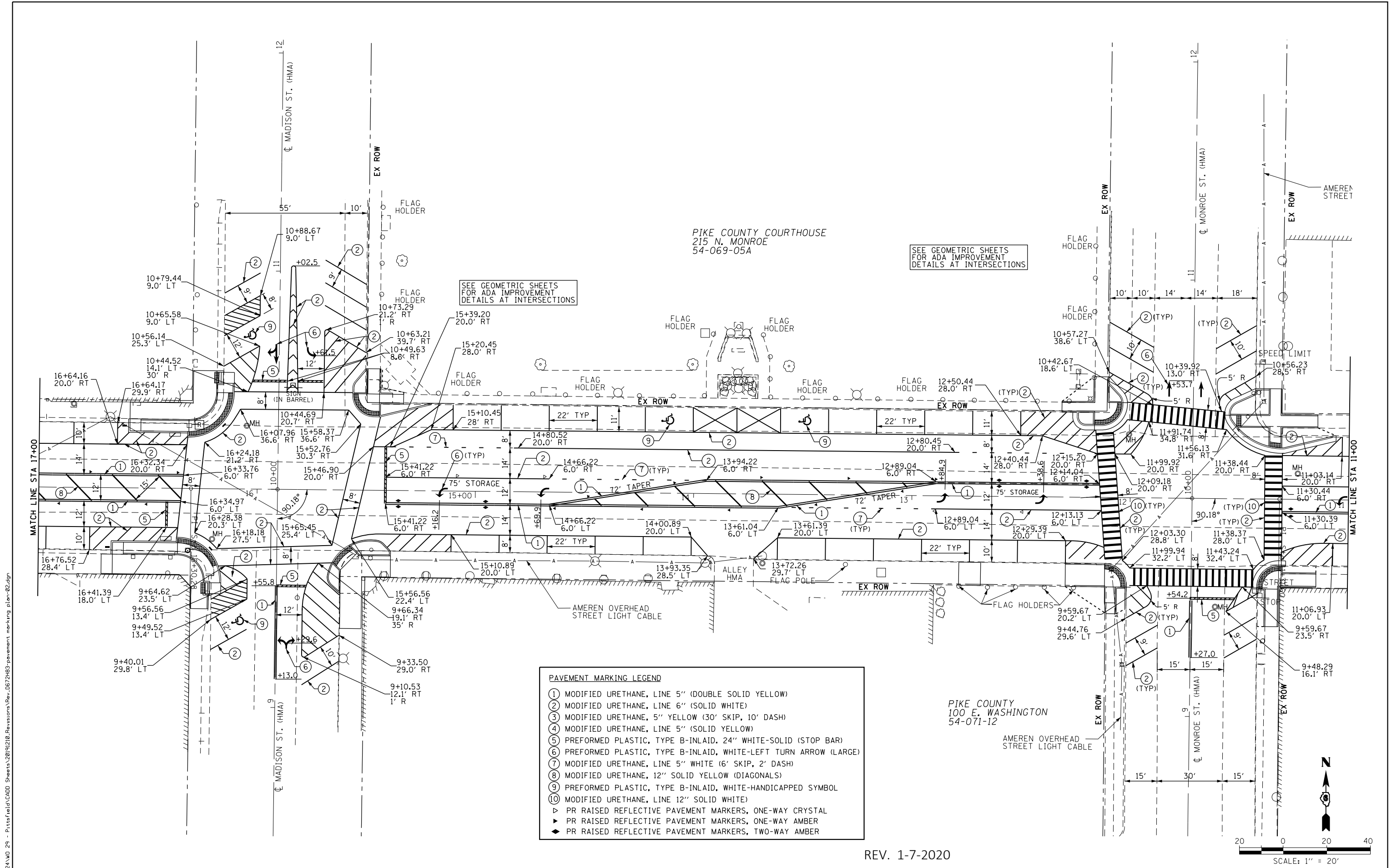
USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
US 54 /IL 106 (EAST WASHINGTON ST.)**
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 22+00 TO STA. 17+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	173
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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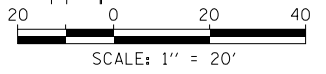
PIKE COUNTY COURTHOUSE
215 N. MONROE
54-069-05A

SEE GEOMETRIC SHEETS
FOR ADA IMPROVEMENT
DETAILS AT INTERSECTIONS

SEE GEOMETRIC SHEETS
FOR ADA IMPROVEMENT
DETAILS AT INTERSECTIONS

PAVEMENT MARKING LEGEND	
①	MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
②	MODIFIED URETHANE, LINE 6" (SOLID WHITE)
③	MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
④	MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
⑤	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
⑥	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
⑦	MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
⑧	MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
⑨	PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
⑩	MODIFIED URETHANE, LINE 12" SOLID WHITE
▷	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
▶	PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
◆	PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER

PIKE COUNTY
100 E. WASHINGTON
54-071-12



REV. 1-7-2020

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 = cds	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/23/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
US 54 /IL 106 (EAST WASHINGTON ST.)

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 17+00 TO STA. 11+00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	174
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE, LINE 5" (DOUBLE SOLID YELLOW)
- ② MODIFIED URETHANE, LINE 6" (SOLID WHITE)
- ③ MODIFIED URETHANE, 5" YELLOW (30' SKIP, 10' DASH)
- ④ MODIFIED URETHANE, LINE 5" (SOLID YELLOW)
- ⑤ PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE-SOLID (STOP BAR)
- ⑥ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-LEFT TURN ARROW (LARGE)
- ⑦ MODIFIED URETHANE, LINE 5" WHITE (6' SKIP, 2' DASH)
- ⑧ MODIFIED URETHANE, 12" SOLID YELLOW (DIAGONALS)
- ⑨ PREFORMED PLASTIC, TYPE B-INLAID, WHITE-HANDICAPPED SYMBOL
- ⑩ MODIFIED URETHANE, LINE 12" SOLID WHITE

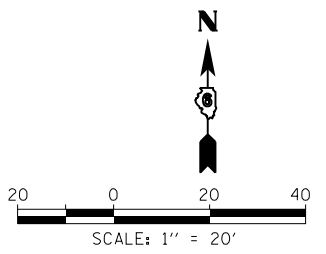
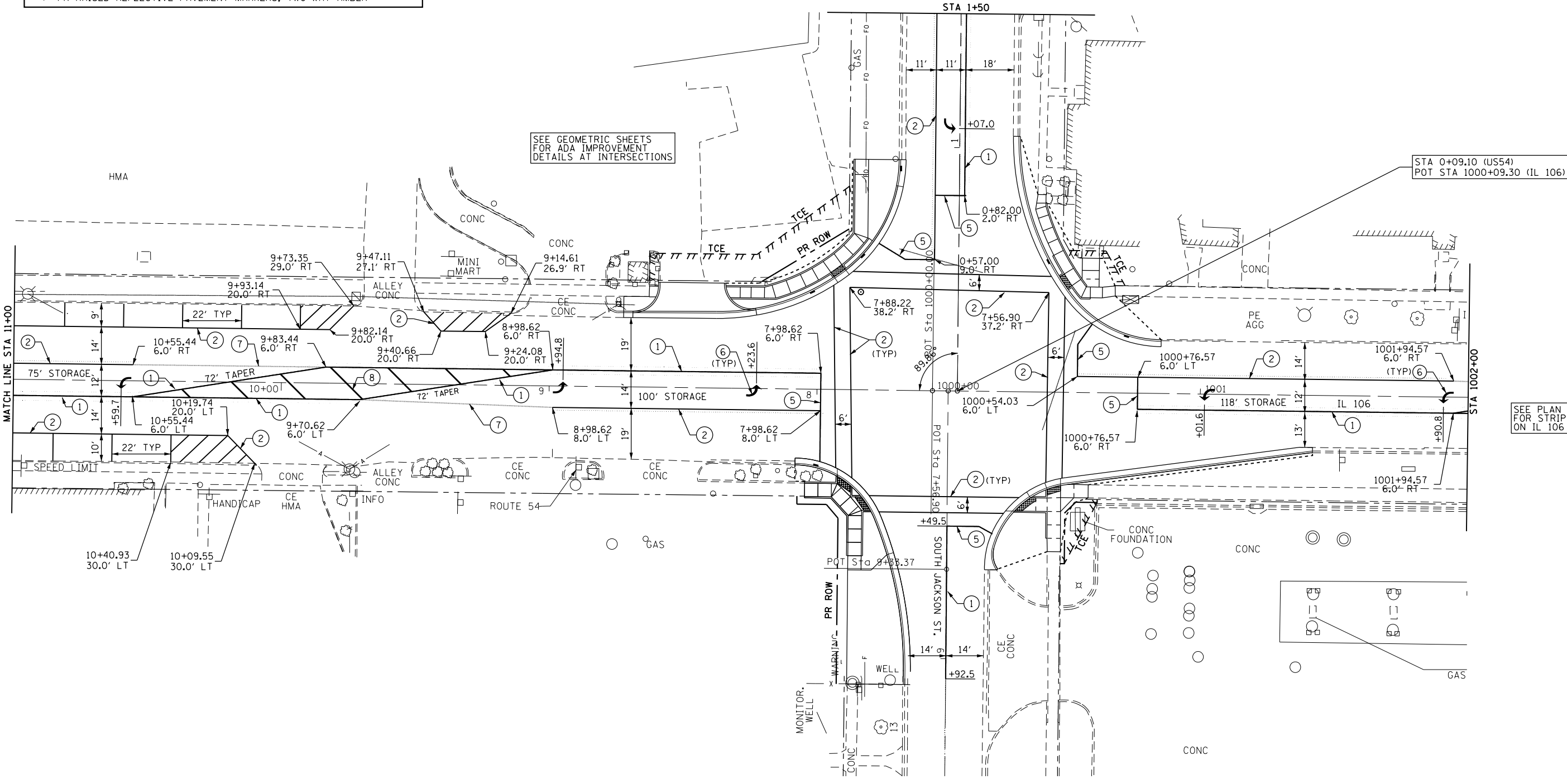
▷ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL
 ▶ PR RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER
 ◆ PR RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER

SEE PLAN SHEETS 12-19 FOR STRIPING DETAILS ON US 54 (N. JACKSON ST.)

SEE GEOMETRIC SHEETS FOR ADA IMPROVEMENT DETAILS AT INTERSECTIONS

SEE PLAN SHEET 10 FOR STRIPING DETAILS ON IL 106

SEE PLAN SHEET 11 FOR STRIPING DETAILS ON S JACKSON ST



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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 = jackca	DESIGNED -	REVISED -
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PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

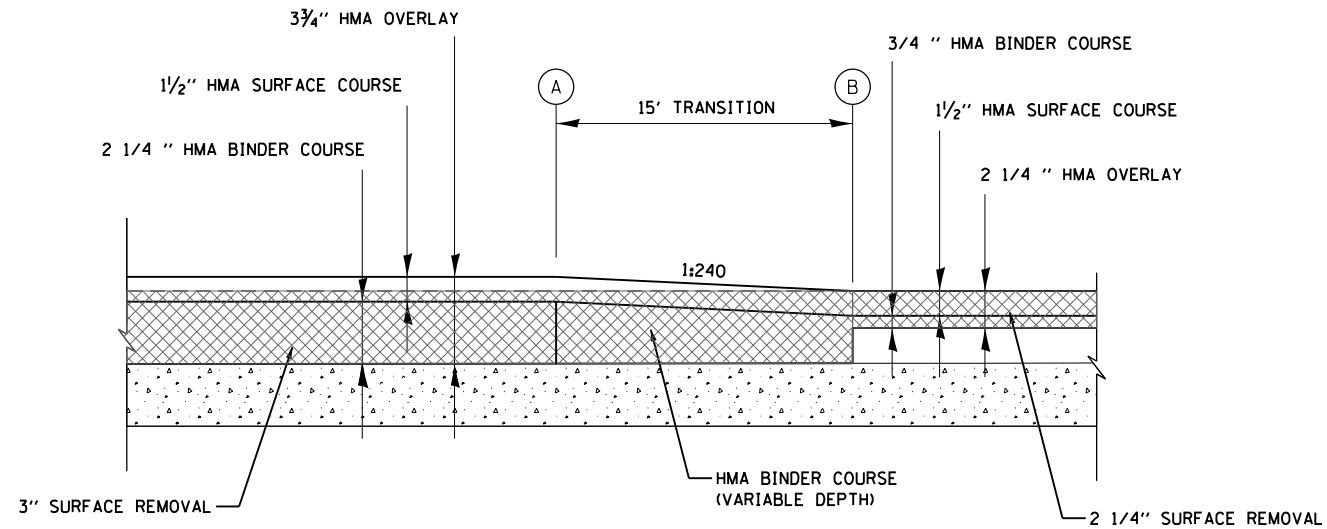
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 US 54 / IL 106 (EAST WASHINGTON ST.)**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 11+00 TO STA. 1002+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	175
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

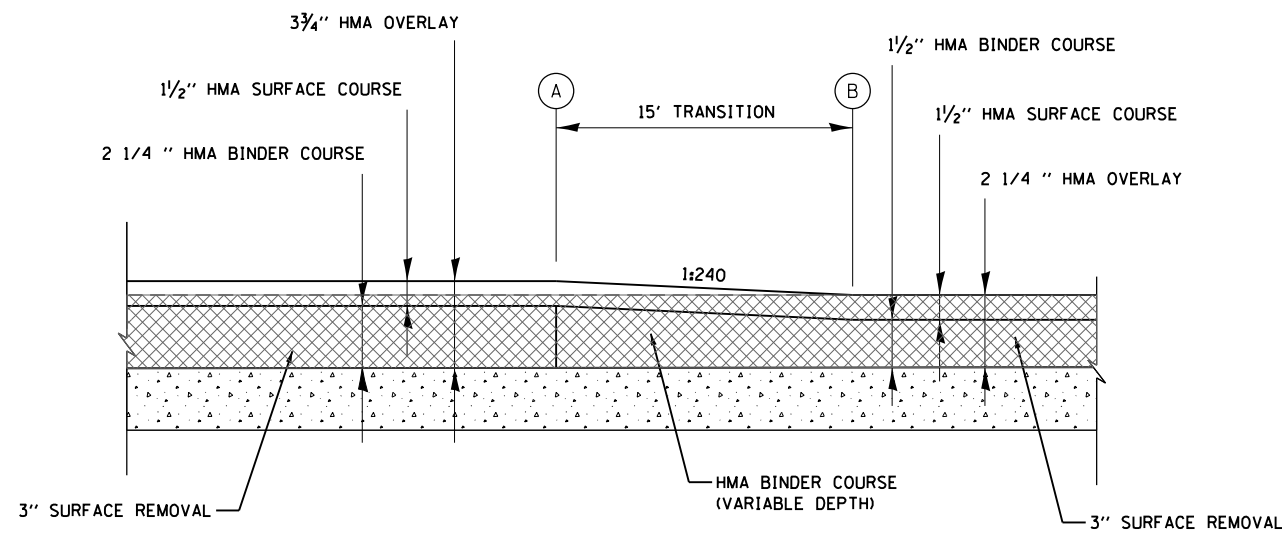
HMA PAVEMENT TRANSITION DETAIL



HMA PAVEMENT TRANSITION LOCATIONS

LOCATION	A	B
FAP 321 (US 54, IL 106)	28+97.00	28+82.00
FAP 321 (US 54 / N. JACKSON)	30+48.50	30+63.50

HMA PAVEMENT TRANSITION DETAIL

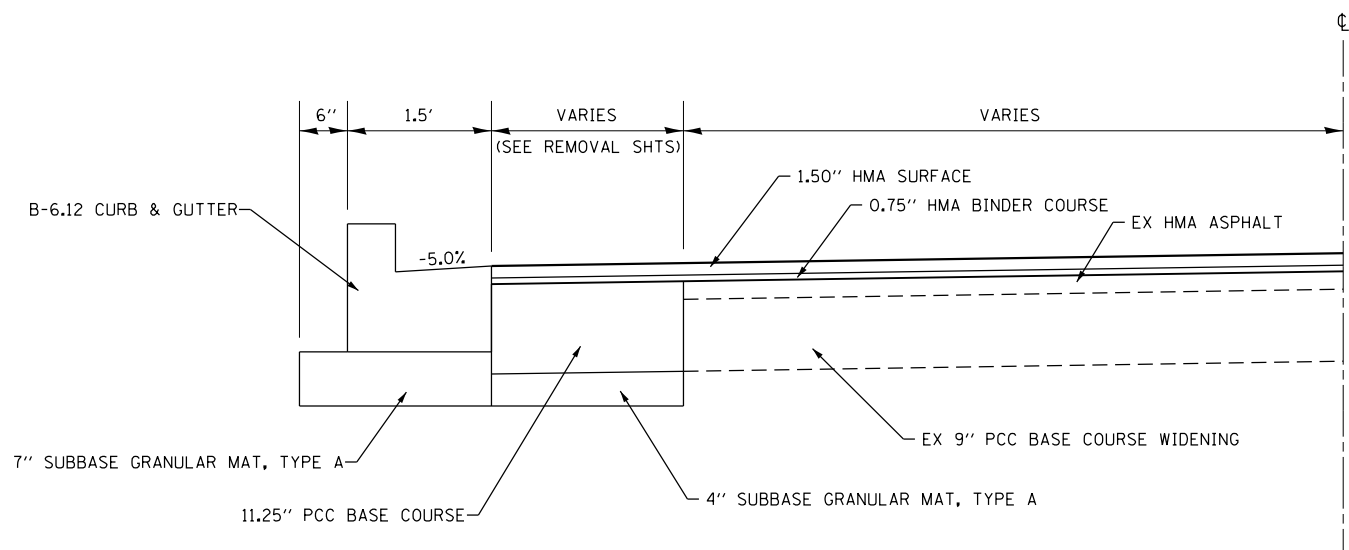


HMA PAVEMENT TRANSITION LOCATIONS

LOCATION	A	B
FAP 321 (US 54 / N. JACKSON)	1+05.00	1+20.00

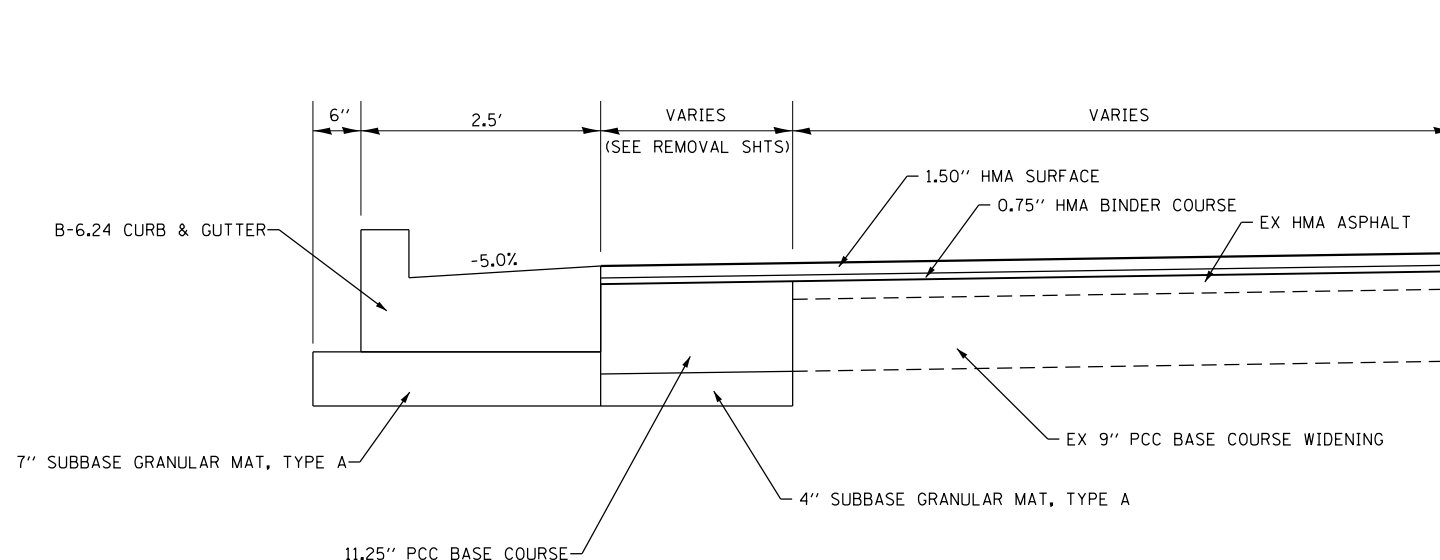
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PROPOSED CURB AND GUTTER DETAIL



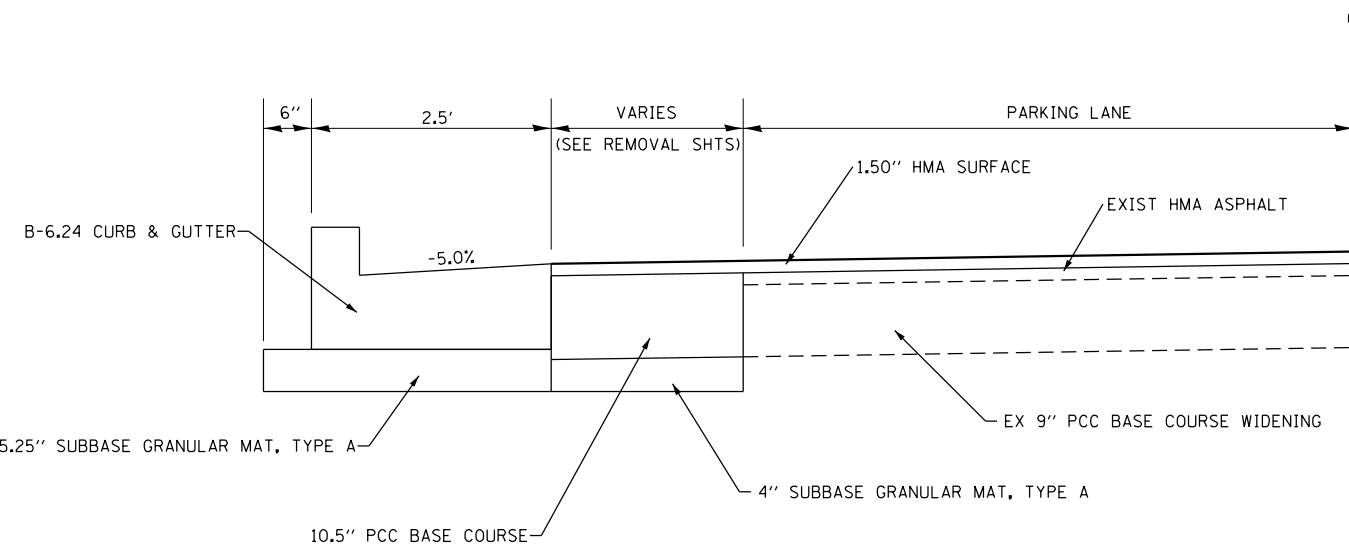
TYPE B-6.12 CURB & GUTTER

WEST STREET: NW, NE, SW, SE QUADRANTS
 MISSISSIPPI STREET: NW, NE, SE QUADRANTS
 MEMORIAL STREET: NW, NE, SW, SE QUADRANTS
 ILLINOIS STREET: NW, NE, SW QUADRANTS



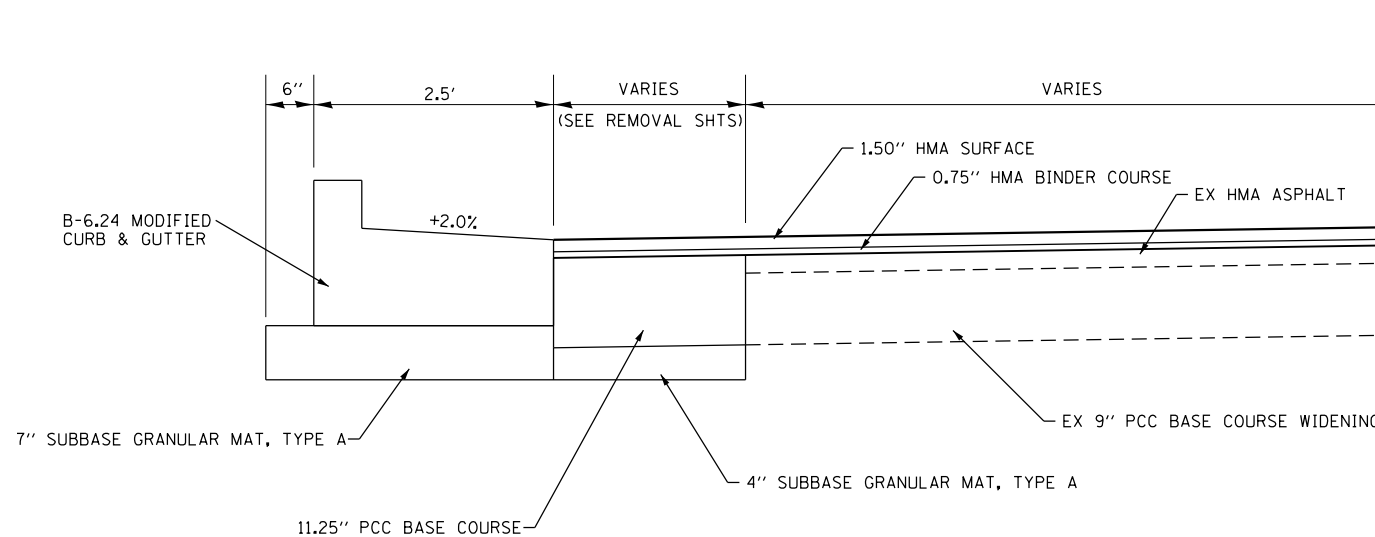
TYPE B-6.24 CURB & GUTTER

MONROE STREET: NE, SW, SE QUADRANTS
 JACKSON STREET: NW, NE, SW, SE QUADRANTS



TYPE B-6.24 CURB & GUTTER

ADAMS STREET: NW, NE, SW, QUADRANTS
 JEFFERSON STREET: NW, NE, SW, SE QUADRANTS
 PERRY STREET: NW, NE, SW, SE QUADRANTS
 NORTH STREET: NW, NE, SW, SE QUADRANTS
 GRIGGSVILLE STREET: NW, NE, SW, SE QUADRANTS
 SHORT STREET: NW, SW QUADRANTS
 BENSON STREET: NW, NE, SW, SE QUADRANTS



TYPE B-6.24 "MODIFIED" CURB & GUTTER

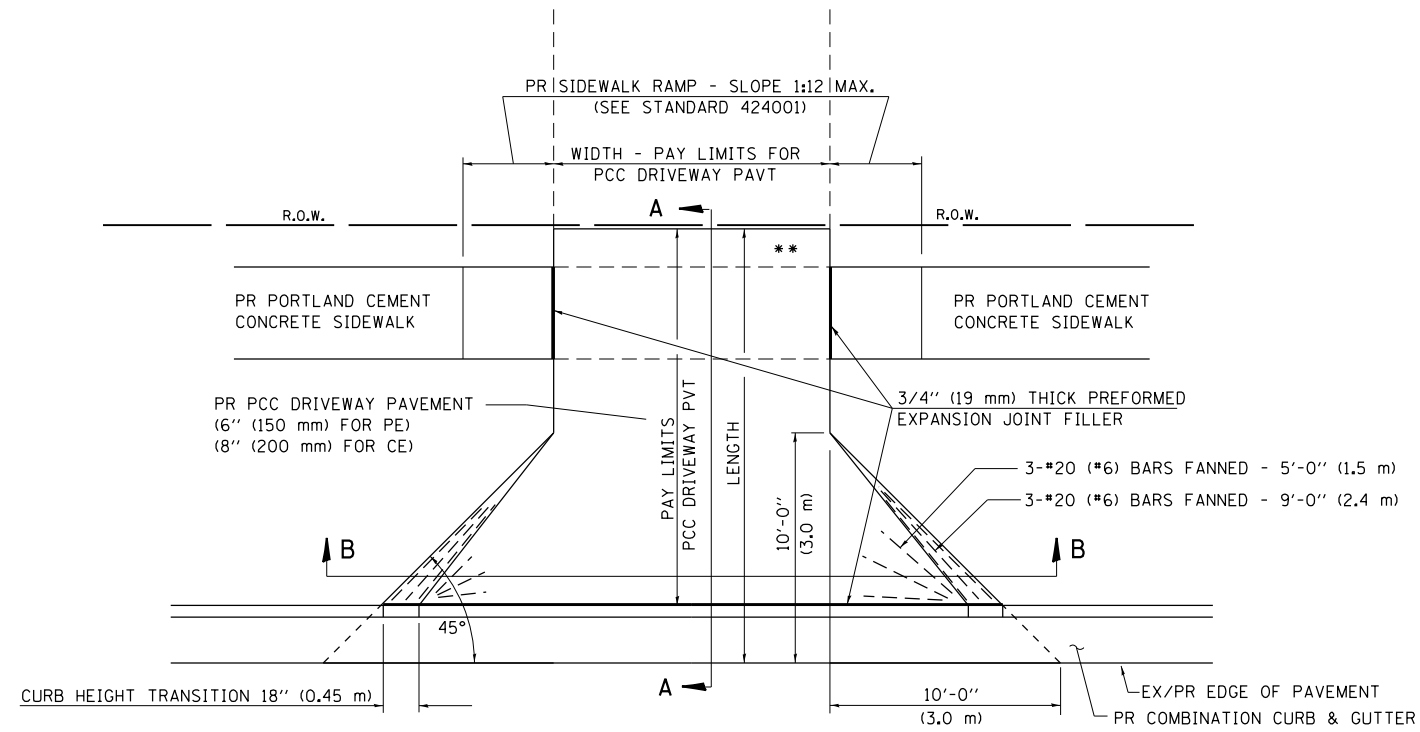
MONROE STREET: NW QUADRANT

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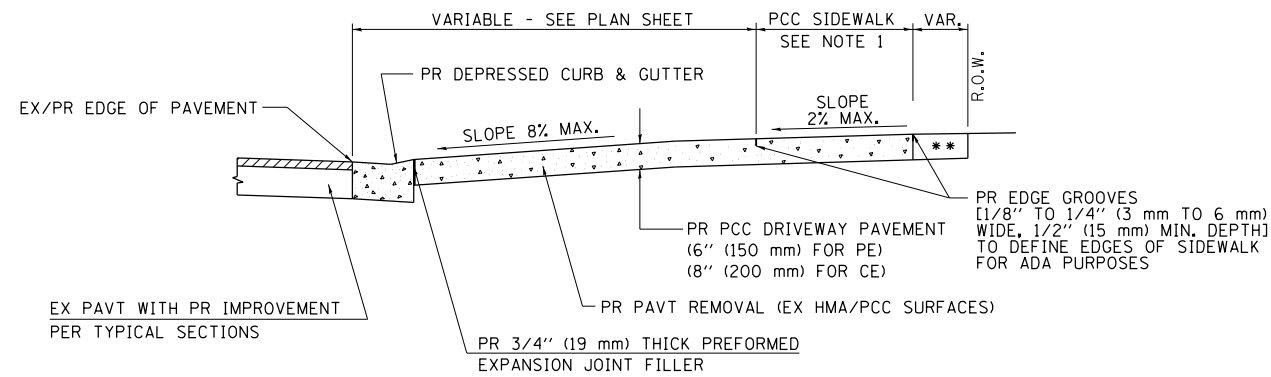
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

CURB AND GUTTER DETAIL			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

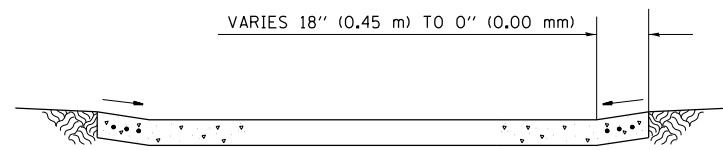
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	178
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				



PLAN - PE & CE



SECTION A - A



SECTION B - B

** MATCH IN KIND BEHIND SIDEWALK
 FOR EX EARTH OR AGGREGATE SURFACES :
 PR AGGREGATE BASE COURSE, TYPE B 6" (150 mm) - PE/FE
 PR PCC DRIVEWAY PAVT, 8" (200 mm) - CE

FOR EX HMA CONC. SURFACES :
 PR HMA CONCRETE 6" (150 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR EX PCC SURFACES :
 PR PCC DRIVEWAY PAVT, 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT, 8" (200 mm) - CE

• NOTE : IN AREAS WITH NO SIDEWALK,
 MATCH IN KIND BEHIND 10'-0" (3.0 m) FLARE

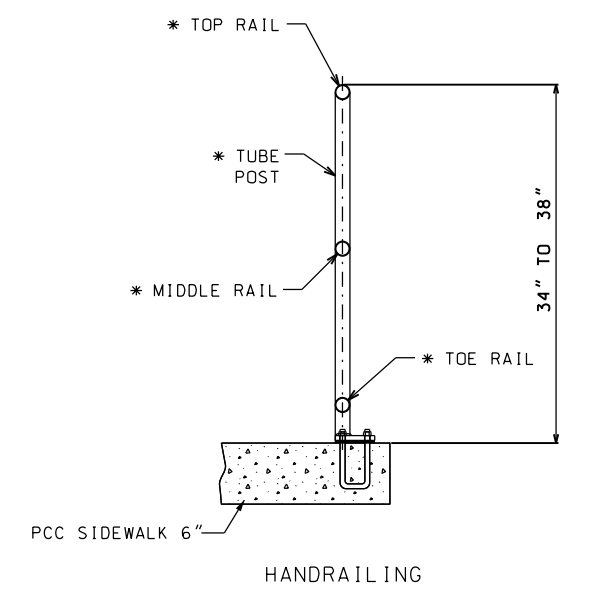
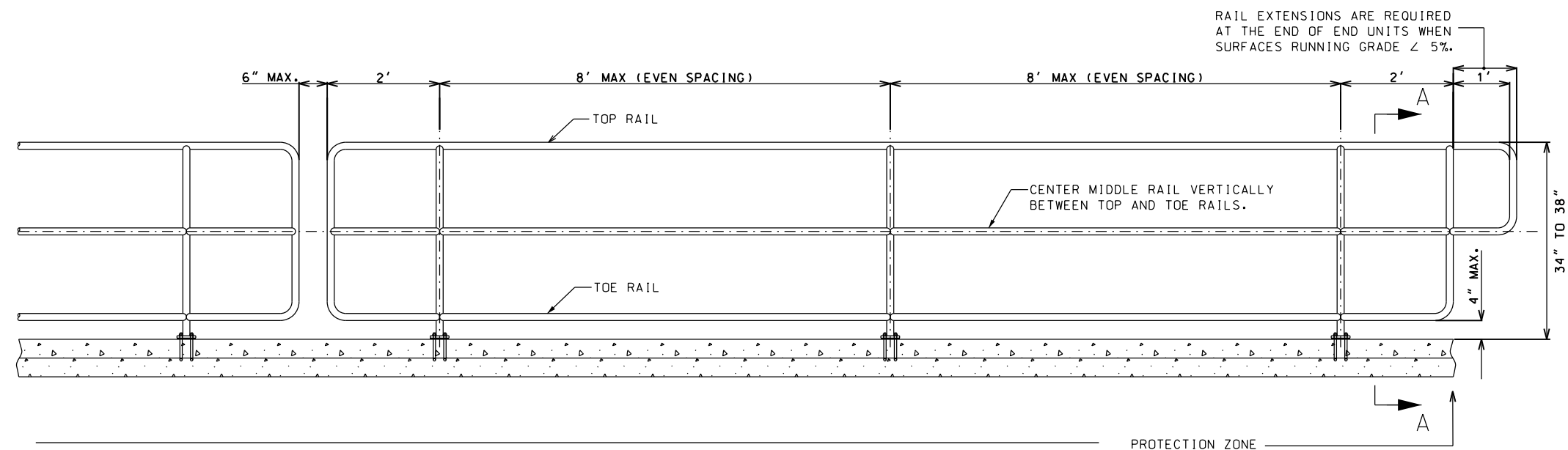
NOTES:

1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
2. THE COST OF FURNISHING AND INSTALLING THE 3/4" (19 mm) PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

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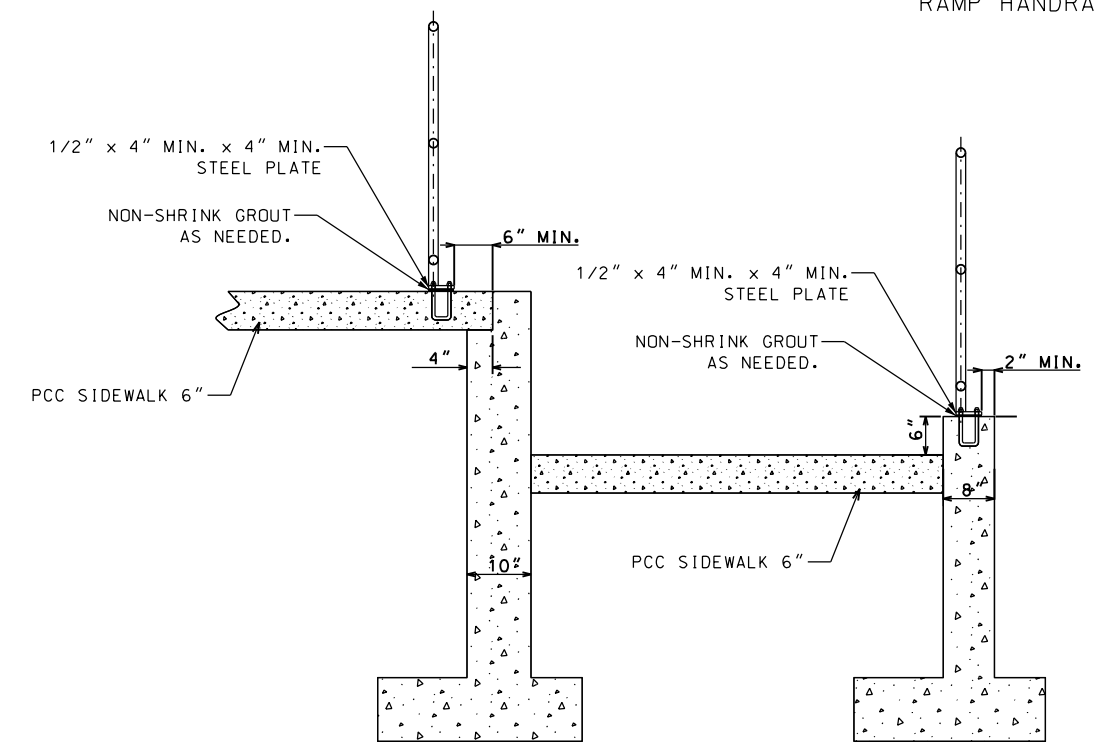
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	179
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

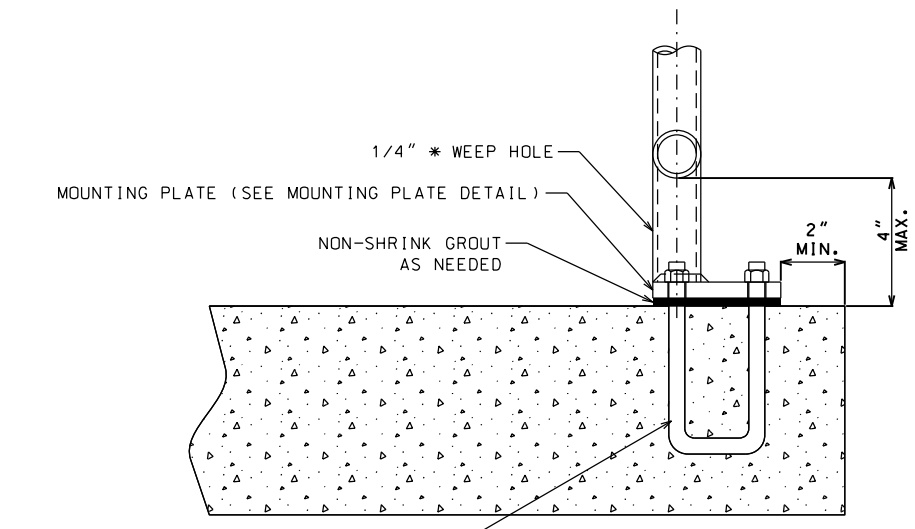


* 1 1/2" \varnothing SCH 80 STEEL POSTS AND RAILINGS. WELD AND GRIND ALL JOINTS SMOOTH. ALL RAILS TO BE GALVANIZED.

RAMP HANDRAILING

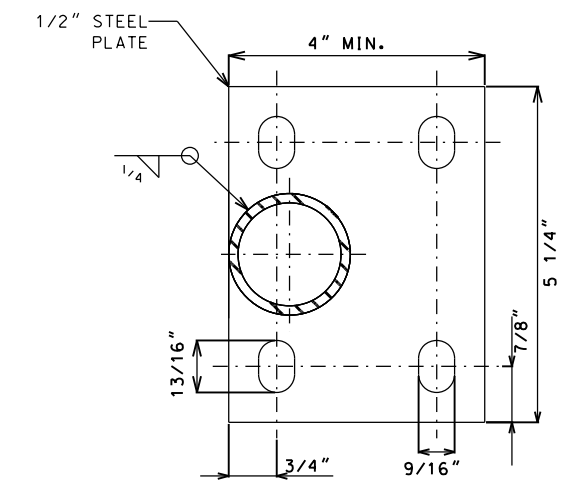


RAMP (SECTION A-A)



1/2" \varnothing x 6" U-BOLTS OR 1/2" \varnothing 8" S WEDGED ANCHOR BOLTS WITH WASHERS AND HEX NUTS (ALL GALVANIZED).

PLATE MOUNTING DETAIL



MOUNTING PLATE DETAIL (PLAN VIEW)

GENERAL NOTES:

- RAILINGS AND POSTS SHALL BE ROUND STEEL OF GOOD COMMERCIAL WELDABLE QUALITY.
- STEEL RAILINGS AND POSTS SHALL BE GALVANIZED AFTER FABRICATION. ALL JOINTS SHALL BE CONTINUOUS WELDED AND GROUND SMOOTH.
- METAL SAFETY RAIL MUST BE COMPLIANT WITH THE "AMERICAN'S WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)". EXCEPTIONS MUST BE APPROVED BY THE ENGINEER. ALL OTHER AREAS OF NON-COMPLIANCE SHALL BE REMOVED AND CORRECTED AT THE CONTRACTOR'S EXPENSE.
- ALL POSTS SHALL HAVE A 1/4" WEEP HOLE IMMEDIATELY ABOVE THE MOUNTING PLATE.
- WHEN INSTALLED THE POSTS SHALL BE PLUMB AND RAILINGS SHALL MATCH THE SLOPE OF THE RAMP.

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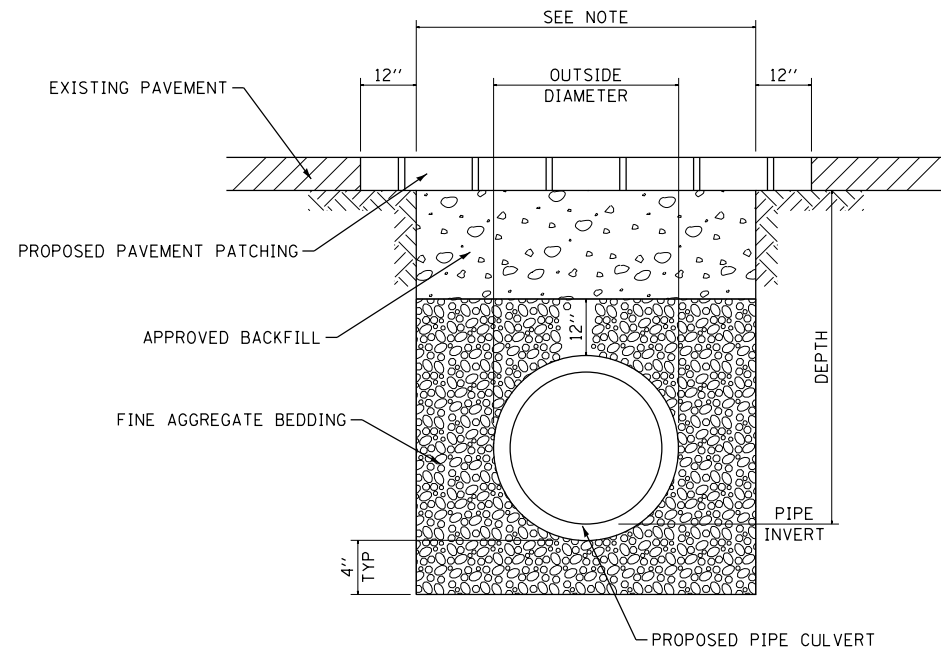
KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = jackca	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/17/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

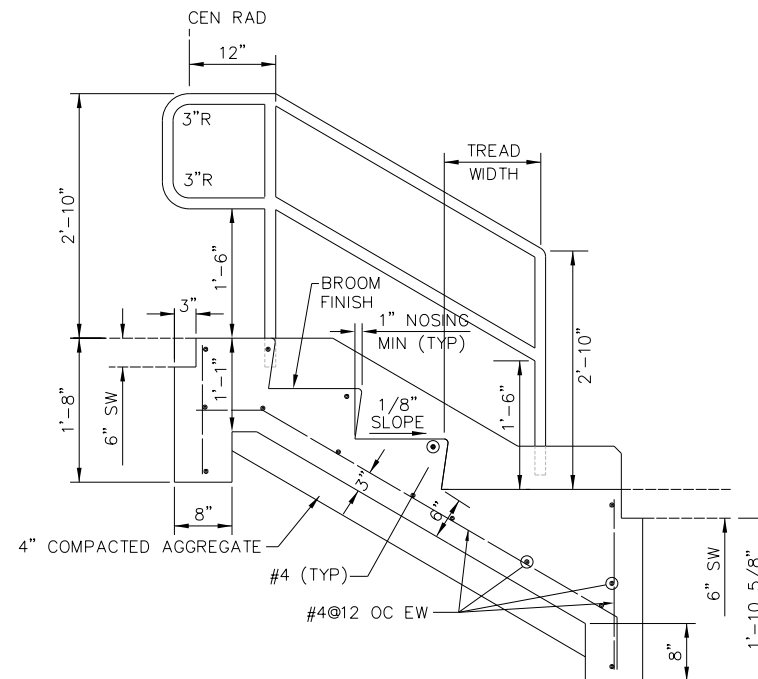
PIPE HANDRAIL DETAILS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	(20,107) RS-8, ADA	PIKE	181	180
CONTRACT NO. 72H83				
ILLINOIS FED. AID PROJECT				

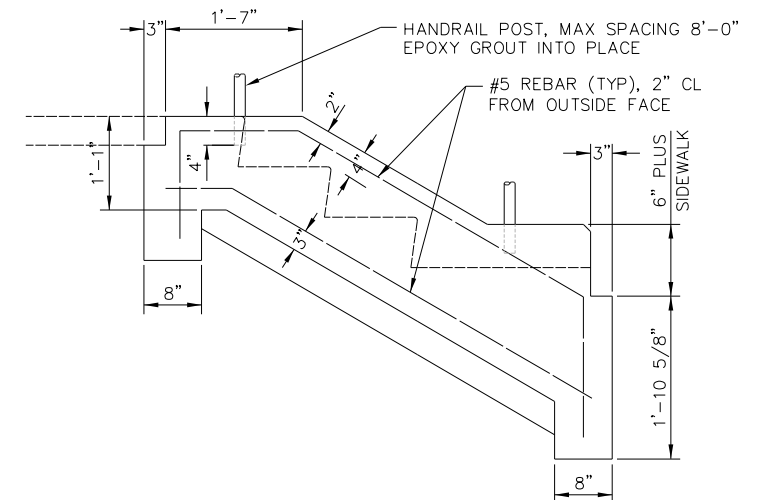


**DETAIL OF TRENCH EXCAVATION,
PAVEMENT REMOVAL, PAVEMENT PATCHING,
AND BACKFILL UNDER EXISTING PAVEMENT**

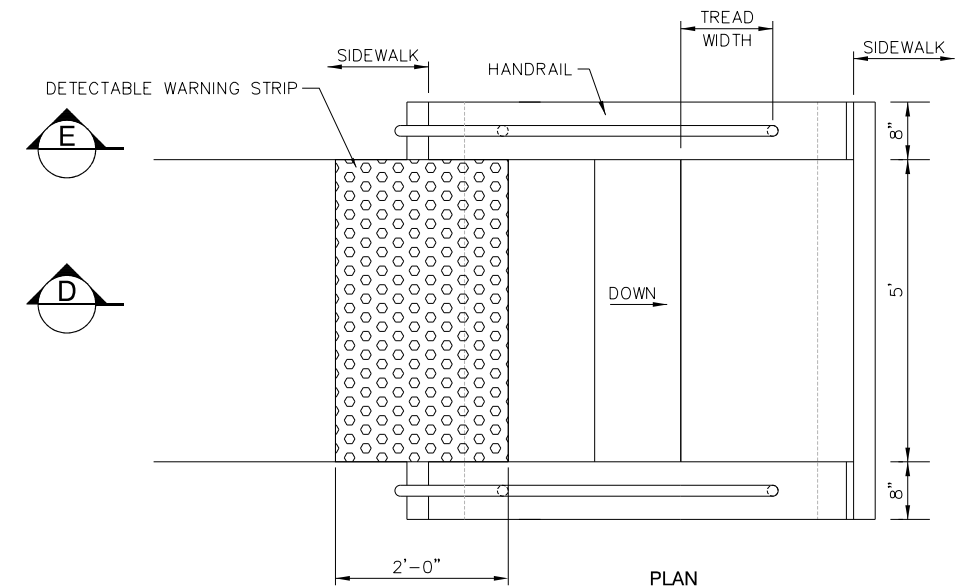
NOTE:
WIDTH = OUTSIDE DIAMETER + 9" + 9" WHEN DEPTH < 5'
WIDTH = OUTSIDE DIAMETER + 18" + 18" WHEN DEPTH > 5'



E SECTION



D SECTION



PLAN

NOTES

1. DETECTABLE WARNING STRIP SHALL BE ACCORDING TO ARTICLE 424.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. ALL SIDEWALKS ADJACENT TO EXTERIOR STAIRS SHALL BE 6".
3. HANDRAIL SHALL BE INSTALLED ON BOTH SIDES OF ALL STEPS.
4. HANDRAILS SHALL EXTEND AT LEAST 12" BEYOND THE TOP RISER AND AT LEAST 24" BEYOND THE BOTTOM RISER. THE TOP EXTENSION SHALL BE PARALLEL WITH THE SIDEWALK. THE BOTTOM EXTENSION SHALL CONTINUE AT SLOPE FOR A DISTANCE OF 12" WITH THE REMAINDER PARALLEL WITH THE SIDEWALK.
5. ALL REBAR SHALL BE PLACED A MIN. 2" FROM OUTSIDE FACE.

Location	Station	Tread Width	Riser Height	Concrete Steps	Detectable Warning	Pipe Handrail	Reinforcement Bars			
				cu yd			sq ft	feet	No.	Size
MADISON STREET	9+54.28 (LT)	12"	6 1/4"	1.6	10	12	15	#4	6.0'	60.2
							4	#5	8.2'	34.2
							4	#5	5.6'	23.4

Location	Station	Tread Width	Riser Height	Concrete Steps	Detectable Warning	Pipe Handrail	Reinforcement Bars			
				cu yd			sq ft	feet	No.	Size
MADISON STREET	10+50.82 (LT)	12"	6 3/8"	1.6	10	12	15	#4	6.0'	60.2
							4	#5	8.2'	34.2
							4	#5	5.6'	23.4

EXTERIOR STAIRS
NO SCALE

REV. 1-7-2020

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