

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	1
		ILLINOIS	CONTRACT NO. 78731	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA - (2019 ADT)
IL 15 - 20,700 WITH 2.8% TRUCKS

POSTED SPEED LIMITS
35 MPH AND 40 MPH

TOWNSHIPS
SHILOH
MOUNT VERNON

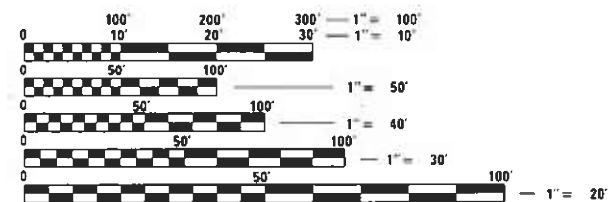
PROPOSED HIGHWAY PLANS

FAP ROUTE 821 (IL 15)
SECTION (13-2,13,13Z)SW-1,TS-1
PROJECT HSIP-NHPP-DTKK(148)
SIDEWALK AND TRAFFIC SIGNAL MODIFICATIONS
JEFFERSON COUNTY

C-99-067-19

COORDINATE SYSTEM:
EPSG: 102671 - NAD 1983
STATE PLANE ILLINOIS EAST FIPS 1201 EAST

STATION EQUATIONS
 STA. 1280+76.00 BK = STA. 502+35.17 AH
 STA. 542+73.47 BK = STA. 542+70.75 AH
 STA. 564+83.45 BK = STA. 564+89.51 AH
 STA. 584+41.68 BK = STA. 584+40.70 AH
 STA. 594+72.11 BK = STA. 594+69.74 AH



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

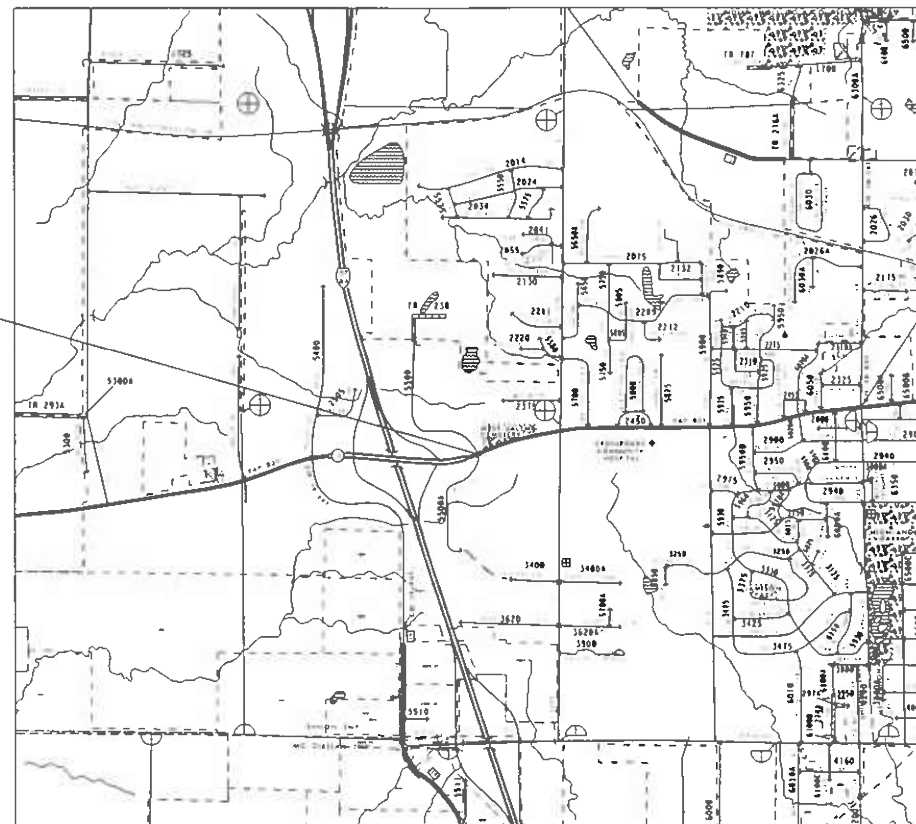
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: SUSAN POE
PROJECT MANAGER: NATHAN TAYLOR

CONTRACT NO. 78731

T 2 S

BEGIN PROJECT IL 15
STA 543+46

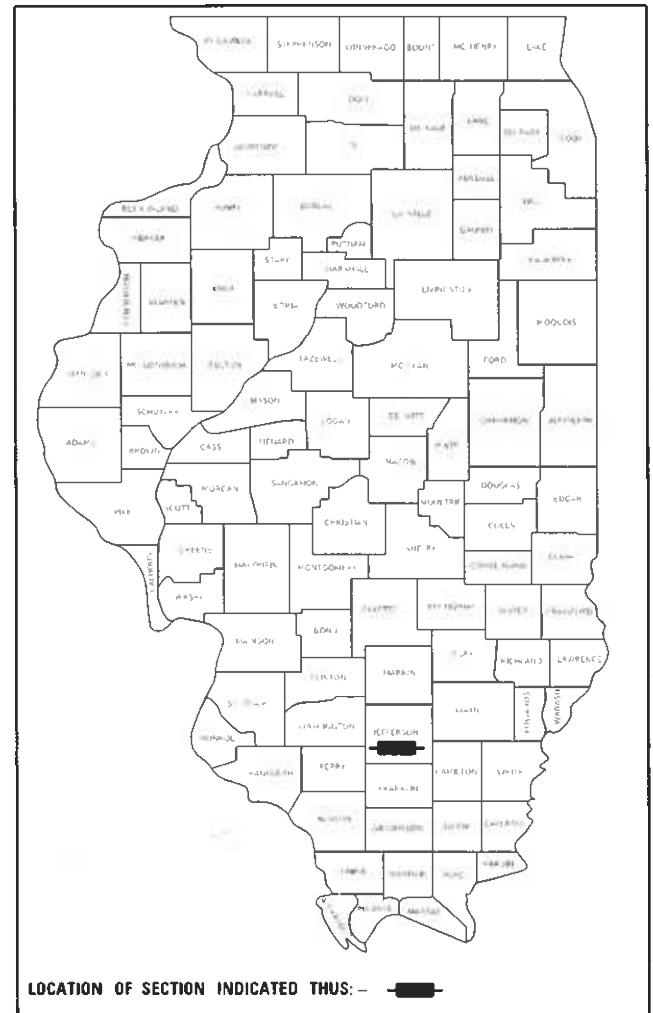


R 2 E

END PROJECT IL 15
STA 612+60

LOCATION OF SECTION INDICATED THUS: —■—

D99-039-19



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 05-11-20
[Signature] REGIONAL ENGINEER
June 26, 2020
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
June 26, 2020
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GROSS LENGTH = 6911.29 FT. = 1.31 MILE
NET LENGTH = 6911.29 FT. = 1.31 MILE

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kelley
DISTRICT OPERATIONS ENGINEER

Examined By: KPO
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. Turbick
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

USER NAME = TaylorND	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/27/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	F.A.P. RTE. 821	SECTION (13-2-13.13Z)SW-1,TS-1	COUNTY JEFFERSON	TOTAL SHEETS 99	SHEET NO. 2
							ILLINOIS FED. AID PROJECT CONTRACT NO.: 78731				

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
4-10	SUMMARY OF QUANTITIES
11	TYPICAL SECTIONS
12-17	SCHEDULE OF QUANTITIES
18-20	GEOPAK ELEMENTS IDENTIFICATION SHEET
21-22	TIE POINTS
23-28	REMOVAL SHEETS
29-34	CONSTRUCTION SHEETS
35-36	CURB RAMP LAYOUT SHEETS
37-55	RAMP DETAILS
56-61	PAVEMENT MARKING DETAILS
62	TRAFFIC SIGNAL LEGEND
63	TRAFFIC SIGNAL NOTES
64-69	EXISTING TRAFFIC SIGNALS
70-75	PROPOSED TRAFFIC SIGNALS
76-81	EXISTING TRAFFIC SIGNAL SCHEMATICS
82-87	PROPOSED TRAFFIC SIGNAL SCHEMATICS
88	PROPOSED LIGHTING WIRING DIAGRAM
89	DETAIL SHEET: RETAINING WALL
90	DETAIL SHEET: PEDESTRIAN PUSH BUTTON
91	DETAIL SHEET: LIGHTING DETAILS
92-93	DETAIL SHEET: SIGN DETAILS
94-99	SOIL BORINGS

LIST OF STANDARDS

- 000001-07_STANDARDSYMBOLSABBREVIATIONS&PATTERNS
- 001001-02_AREASOFREINFREBARS
- 001006_DECIMALOFINCH&FOOT
- 420001-09_PAVEMENTJOINTS
- 424001-11_PERPENDICULARCURBRAMPS
- 424006-04_DIAGONALCURBRAMPS
- 424011-04_CORNERPARALLELCURBRAMPS
- 424016-05_MIDBLOCKCURBRAMPS
- 424021-05_DEPRESSEDCORNER
- 606001-07_CONCCURBTYP&COMBOCONCC&G
- 606301-04_PCCISLANDS&MEDIANS
- 606306-04_CORRUGATEDPCCMEDIANS
- 701001-02_OFFRDOP-2L2W-15FTMINFROMEOP
- 701006-05_OFFRDOP-2L2W-15FTTOEOP
- 701602-10_URBANLNCLOSUREMULTILN2WWITHBIDIRECTLEFTTURNLN
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701801-06_SIDEWALKCORNERORCROSSWALKCLOSURE
- 701901-08_TRAFCNTRLDEVICES
- 720016-04_MASTARMOUNTEDSTNAMESIGNS
- 780001-05_TYPICALPVMTMRKINGS
- 805001-01_ELECSRVCINSTALLDETAILS
- 814001-03_HANDHOLES
- 814006-02_DOUBLEHANDHOLES
- 838001-01_BREAKAWAYDEVICES
- 857001-01_STDPHASEDESIGNATIONDIAGRAMS&PHASESEQ
- 862001-01_UPS
- 873001-02_TRAFSIGNALGROUND&BOND
- 876001-04_PEDESTRIANPUSHBUTTONPOST
- 877001-08_STEELMASTARMASSEMBLY&POLE16'THRU55'
- 877002-04_STEELMASTARMASSEMBLY&POLE56'THRU75'
- 877011-10_STEELCOMBOMASTARMASSEMBLY&POLE16'THRU55'
- 877012-07_STEELCOMBOMASTARMASSEMBLY&POLE56'THRU75'
- 878001-10_CONCRETEFOUNDATIONDETAILS
- 880006-01_TRFSIGNALMOUNTDETAILS-POST&BRACKETMOUNT
- 886001-01_DETECTORLOOPINSTALLATIONS
- 886006-01_TYPICALLAYOUTSFORDETECTIONLOOPS

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL AGGREGATE 2.05 TONS/CU.YD.

EARTH EXCAVATION REQUIRED IN THE CONSTRUCTION OF THE ADA RAMP UPGRADES WILL NOT BE PAID FOR SEPERATLY AND WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCHES.

ALL LOCATIONS OF DISTURBED EARTH THAT THE ENGINEER DETERMINES WILL REQUIRE SEEDING AS A RESULT OF THE SIDEWALK CONSTRUCTION SHALL BE SEEDED IN ACCORDANCE WITH ARTICLE 250.01 OF THE STANDARD SPECIFICATIONS. THE COST OF THE SEEDING SHALL BE INCIDENTAL TO THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCHES.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT- DOWN OF INTERSECTIONS OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS: NONE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, GENERAL NOTES,
AND LIST OF STANDARDS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	3
				CONTRACT NO. 78731

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
25100630	EROSION CONTROL BLANKET	SQ YD	508	508	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	34	34	
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	34	34	
42001300	PROTECTIVE COAT	SQ YD	150	150	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,957	2,957	
42400800	DETECTABLE WARNINGS	SQ FT	303	303	
44000100	PAVEMENT REMOVAL	SQ YD	5	5	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	403	403	
44000600	SIDEWALK REMOVAL	SQ FT	2,392	2,392	
44003100	MEDIAN REMOVAL	SQ FT	158	158	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	270	270	
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	2.2	2.2	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	403	403	
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	48	48	

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	DRAWN -	REVISED -	
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PLOT DATE = 5/12/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	4
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	1	13
67100100	MOBILIZATION	L SUM	1	0.2	0.8
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1		1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	7	21
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.2	0.8
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,346	3,346	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	297		297
* 72000200	SIGN PANEL - TYPE 2	SQ FT	280		280
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	2,505	2,505	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	2,064	2,064	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	393	393	
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	315		315

* SPECIALTY ITEM

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USER NAME = TaylorND	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 150.0000' / in.	DRAWN -	REVISED -			821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	5
PLOT DATE = 5/12/2020	CHECKED -	REVISED -			CONTRACT NO. 78731				
	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
TOTAL QUANTITY	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	130		130
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	988		988
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	441		441
81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	279		279
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	275		275
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	118		118
81400100	HANDHOLE	EACH	18		18
81400300	DOUBLE HANDHOLE	EACH	1		1
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1,897		1,897
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4		4
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1		1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	4		4
85900200	TRANSCEIVER (SPECIAL)	EACH	5		5
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	11		11

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PLOT DATE = 5/13/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	6
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6,292		6,292
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	13,557		13,557
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	8,533		8,533
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	78		78
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	10		10
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5,765		5,765
87500600	TRAFFIC SIGNAL POST, 10 FT.	EACH	5		5
87501100	TRAFFIC SIGNAL POST, 15 FT.	EACH	3		3
87501300	TRAFFIC SIGNAL POST, 17 FT.	EACH	5		5
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	16		16
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1		1

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PLOT SCALE = 150.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	7
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2		2
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1		1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	2		2
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1		1
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1		1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36		36
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	15		15
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	162		162
87900200	DRILL EXISTING HANDHOLE	EACH	11		11
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	35		35

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	8
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9		9
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	18		18
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	19		19
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	32		32
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	91		91
88800100	PEDESTRIAN PUSH-BUTTON	EACH	32		32
89502200	MODIFY EXISTING CONTROLLER	EACH	11		11
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
X0323117	LANDSCAPING GRAVEL	SQ YD	3		3
X0325922	CELLULAR MODEM	EACH	1		1
X0326266	ETHERNET SWITCH	EACH	11		11
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	420		420
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1,835	1,835	
X0327993	STAIRCASE REMOVAL	L SUM	1	1	

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	DRAWN -	REVISED -
PLOT SCALE = 150.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	9
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	FAP 821 (IL 15)	FAP 821 (IL 15)
COUNTY:	JEFFERSON	JEFFERSON
FUNDING:	80% FEDERAL 20% STATE	90% FEDERAL 5% STATE 5% LOCAL (HSIP)
LOCATION:	URBAN	URBAN
	0021	0021

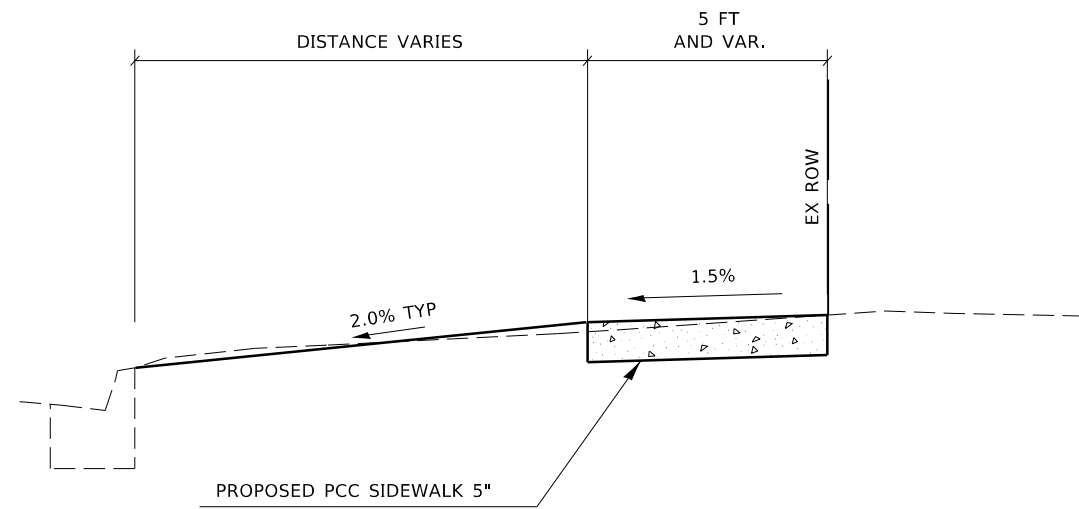
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY		
X8570015	CONTROLLER (SPECIAL)	EACH	2		2
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1
Z0033062	RADIO TRANSCEIVER	EACH	6		6
∅ Z0076600	TRAINEES	HOUR	500	500	
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	6		6
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

∅ 0042

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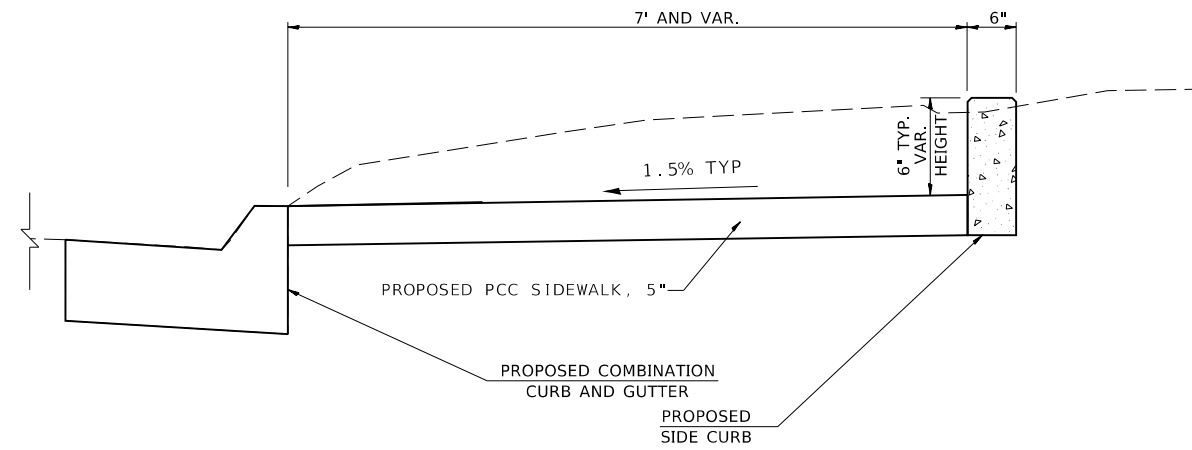
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		DRAWN -	REVISED -			821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	10
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	PLOT DATE = 5/12/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT



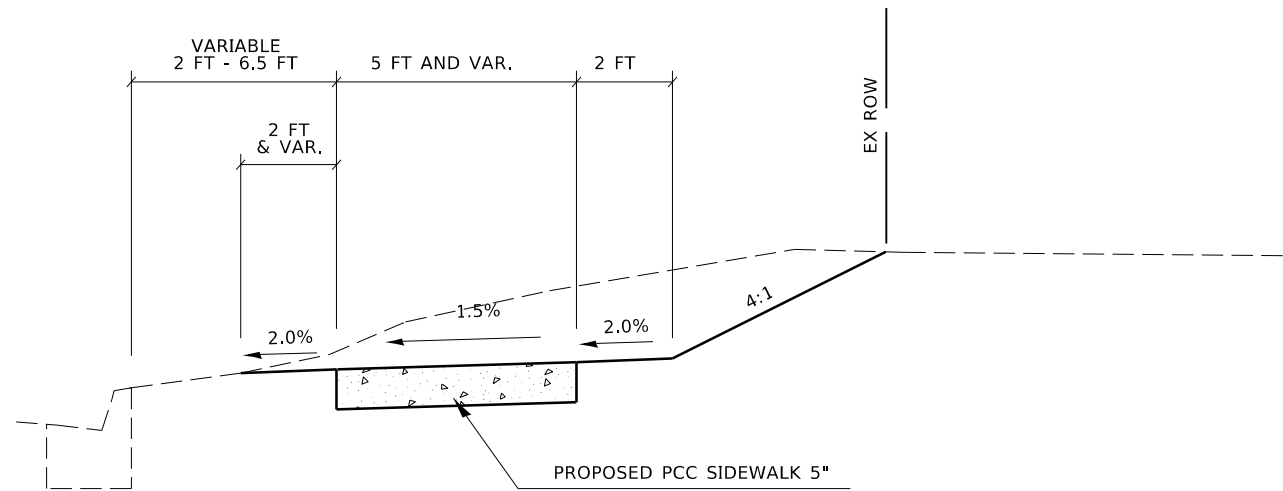
TYPICAL SECTION

SIDEWALKS WITH GRASS STRIP
ON EX ROW LINE



TYPICAL SECTION

SIDEWALKS WITH SIDE CURB
ADJACENT TO CURB AND GUTTER



TYPICAL SECTION

SIDEWALKS WITH GRASS STRIP
OFFSET OF EX ROW

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	DRAWN -	REVISED -
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS FOR SIDEWALKS

SCALE: SHEET 11 OF 99 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	11
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION STATION ILLINOIS 15	SIDEWALK REMOVAL (SQ FT)	MEDIAN REMOVAL (SQ FT)	PAVEMENT REMOVAL (SQ YD)	COMB. CURB & GUTTER REMOVAL (FOOT)	STAIRCASE REMOVAL (LUMP SUM)	COMMENTS
44TH STREET						
541+55.64, 3.52 LT TO 541+70.74, 9.58 LT		91				IL 15 AND 44TH MAINLINE MEDIAN SW QUAD SW QUAD S 44TH ST MEDIAN
541+53.63, 37.85 RT TO 541+77.74, 54.74 RT				31		
541+60.05, 54.05 RT TO 541+72.08 49.59 RT	72					
542+28.53, 45.94 RT TO 542+28.98 57.73 RT		27				
42ND STREET						
556+85.73, 45.24 LT TO 557+31.35, 72.80 LT	326					NW QUAD
556+98.28, 41.93 LT TO 557+25.58, 62.37 LT				35		NW QUAD
556+76.97, 44.60 RT TO 556+89.58, 55.32 RT				17		SW QUAD
556+97.14, 66.42 RT TO 557+02.01, 77.69 RT				13		SW QUAD
556+67.61, 65.04 RT TO 556+99.52, 73.39 RT	181					SW QUAD
557+58.50, 50.16 LT TO 557+63.85, 59.54 LT		40				N 42ND ST MEDIAN
557+98.96, 61.48 LT TO 558+16.43, 43.61 LT				26		NE QUAD
557+99.51, 61.86 LT TO 558+25.98, 49.96 LT	169					NE QUAD
557+69.09, 64.44 RT TO 557+84.95, 49.54 RT				22		SE QUAD
557+79.57, 54.52 RT TO 557+93.64, 62.93 RT					1	SE QUAD
CROWNVIEW						
566+70.99, 43.67 LT TO 566+94.84, 48.12 LT	93					NW QUAD
566+80.77, 36.88 LT TO 566+96.12, 48.62 LT				21		NW QUAD
566+78.88, 42.20 RT TO 566+89.63, 53.50 RT				17		SW QUAD
567+44.46, 49.48 LT TO 567+48.70, 41.39 LT				10		NE QUAD
567+45.68, 47.81 LT TO 567+67.00, 42.98 LT	86					NE QUAD
34TH STREET						
582+22.57, 41.36 LT TO 582+57.13, 84.38 LT	434					NW QUAD
582+35.30, 35.70 LT TO 582+59.55, 51.77 LT				30		NW QUAD
582+50.67, 56.43 RT TO 582+59.01, 74.50 RT				20		SW QUAD
582+53.22, 61.65 RT TO 582+57.32, 87.79 RT	88					SW QUAD
583+18.53, 47.11 LT TO 583+25.45, 40.32 LT				10		NE QUAD
583+19.81, 46.57 LT TO 583+35.80, 42.17 LT	59					NE QUAD
30TH STREET						
597+51.50, 48.55 LT TO 597+71.72, 49.01 LT	97					NW QUAD
597+68.25, 45.40 LT TO 597+72.90, 49.12 LT				6		NW QUAD
597+58.60, 36.66 RT TO 597+82.31, 41.84 RT	96					SW QUAD
597+71.00, 33.56 RT TO 597+84.05, 42.50 RT				16		SW QUAD
598+43.01, 40.00 LT TO 598+50.19, 34.87 LT				9		NE QUAD
598+44.41, 39.71 LT TO 598+91.71, 35.41 LT	196					NE QUAD
598+69.38, 28.98 LT TO 598+75.34, 29.02 LT				6		NE QUAD
598+50.86, 40.22 RT TO 598+79.67, 26.72 RT				33		SE QUAD
598+51.58, 39.57 RT TO 598+75.36, 35.37 RT	122					SE QUAD
27TH STREET						
607+96.20, 34.47 LT TO 608+25.98, 40.85 LT	142					NW QUAD
608+10.74, 33.67 LT TO 608+29.23, 45.67 LT				25		NW QUAD
608+57.75, 36.85 LT TO 608+66.10, 37.29 LT TO 608+58.85, 49.19 LT			5			NE QUAD
608+61.20, 55.53 LT TO 608+77.33, 33.91 LT				30		NE QUAD
608+62.22, 49.55 LT TO 608+72.42, 42.27 LT	62					NE QUAD
608+72.09, 48.14 RT TO 608+93.07, 34.19 RT				26		SE QUAD
608+74.87, 59.22 RT TO 609+02.21, 38.32 RT	169					SE QUAD
TOTALS						
	2392	158	5	403	1	

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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	13
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE CONT.

LOCATION STATION ILLINOIS 15	PAVEMENT MARKING REMOVAL GRINDING (SQ FT)	POLYUREA PAVEMENT MARKING TYPE I LINE 4" (FOOT)	POLYUREA PAVEMENT MARKING TYPE I LINE 12" (FOOT)	POLYUREA PAVEMENT MARKING TYPE I LINE 24" (FOOT)	COMMENTS
34TH STREET					
583+17.15, 39.83 LT TO 583+17.21, 32.95 LT	3				CROSSWALK REMOVAL
583+24.70, 40.28 LT TO 583+23.56, 32.98 LT	4				CROSSWALK REMOVAL
LINES FOR CROSSWALK			282		WHITE CROSSWALK LINES
30TH STREET					
597+68.94, 43.18 LT TO 597+70.79, 26.95 LT		16			
597+75.00, 42.42 LT TO 597+76.76, 26.94 LT		16			
597+70.79, 26.95 LT TO 597+71.51, 31.86 RT		59			
597+76.76, 26.94 LT TO 597+77.99, 36.22 RT		63			
597+68.36, 44.66 LT TO 597+74.29, 26.95 LT	10				CROSSWALK REMOVAL
597+72.41, 3.99 LT TO 597+75.18, 26.96 RT	16				CROSSWALK REMOVAL
597+75.18, 26.96 RT TO 597+75.31, 34.76 RT	4				CROSSWALK REMOVAL
597+80.11, 35.05 LT TO 597+80.18, 26.94 LT	4				CROSSWALK REMOVAL
597+78.40, 4.13 LT TO 597+80.68, 26.95 RT	16				CROSSWALK REMOVAL
597+80.68, 26.95 RT TO 597+80.77, 35.94 RT	5				CROSSWALK REMOVAL
597+72.36, 48.62 LT TO 598+40.32, 40.00 LT	36				CROSSWALK REMOVAL
597+80.11, 35.05 LT TO 598+46.85, 34.75 LT	34				CROSSWALK REMOVAL
597+75.00, 42.42 LT TO 598+48.76, 33.51 LT		75			
597+72.78, 49.01 LT TO 598+39.47, 40.83 LT		68			
597+77.65, 51.12 LT TO 598+06.56, 45.51 LT	62				STOP BAR REMOVAL
598+06.56, 45.51 LT TO 598+05.77, 54.09 LT	6				DOUBLE YELLOW REMOVAL
597+79.28, 58.20 LT TO 598+05.77, 54.09 LT				27	
597+77.99, 36.22 RT TO 598+55.13, 33.40 RT		76			
597+86.23, 42.00 RT TO 598+47.48, 39.76 RT		61			
598+22.94, 46.62 RT TO 598+42.55, 46.09 RT	38			19	STOP BAR REMOVE/REPLACE
597+80.77, 35.94 RT TO 597+56.74, 34.20 RT	37				CROSSWALK REMOVAL
597+82.78, 41.32 RT TO 597+50.46, 39.70 RT	33				CROSSWALK REMOVAL
598+68.83 TO 598+74.83		109			MIDBLOCK CROSSWALK
LINES FOR CROSSWALK			468		WHITE CROSSWALK LINES
27TH STREET					
608+18.78, 31.27 RT TO 607+98.97, 48.76 RT	13				CROSSWALK REMOVAL
608+22.76, 31.25 RT TO 608+22.74, 34.68 RT	4				CROSSWALK REMOVAL
SUBTOTALS	325	543	750	46	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	16
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE CONT.

LOCATION STATION ILLINOIS 15	PAVEMENT MARKING REMOVAL GRINDING (SQ FT)	POLYUREA PAVEMENT MARKING TYPE I LINE 4" (FOOT)	POLYUREA PAVEMENT MARKING TYPE I LINE 12" (FOOT)	POLYUREA PAVEMENT MARKING TYPE I LINE 24" (FOOT)	COMMENTS
27TH STREET					
608+22.74, 34.68 RT TO 608+71.27, 41.14 RT	25				CROSSWALK REMOVAL
608+02.66, 53.40 RT TO 608+72.22, 46.85 RT	36				CROSSWALK REMOVAL
608+31.57, 45.70 LT TO 608+45.61, 45.79 LT	28				STOP BAR REMOVAL
608+45.21, 41.58 LT TO 608+45.90, 48.79 LT	5				DOUBLE YELLOW REMOVAL
608+18.80, 34.17 LT TO 608+61.49, 39.35 LT		43			
608+27.70, 41.55 LT TO 608+62.45, 45.77 LT		35			
608+32.52, 49.65 LT TO 608+45.90, 48.79 LT				14	
608+65.43, 37.28 LT TO 608+74.18, 44.23 RT		82			
608+72.06, 33.18 LT TO 608+79.47, 40.52 RT		75			
LINES FOR CROSSWALK			192		WHITE CROSSWALK LINES
SUBTOTALS	94	235	192	14	
TOTALS	1835	2505	2064	393	

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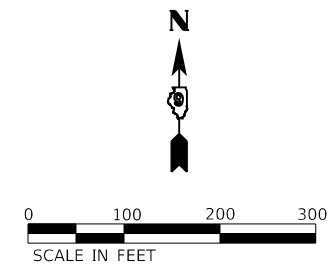
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

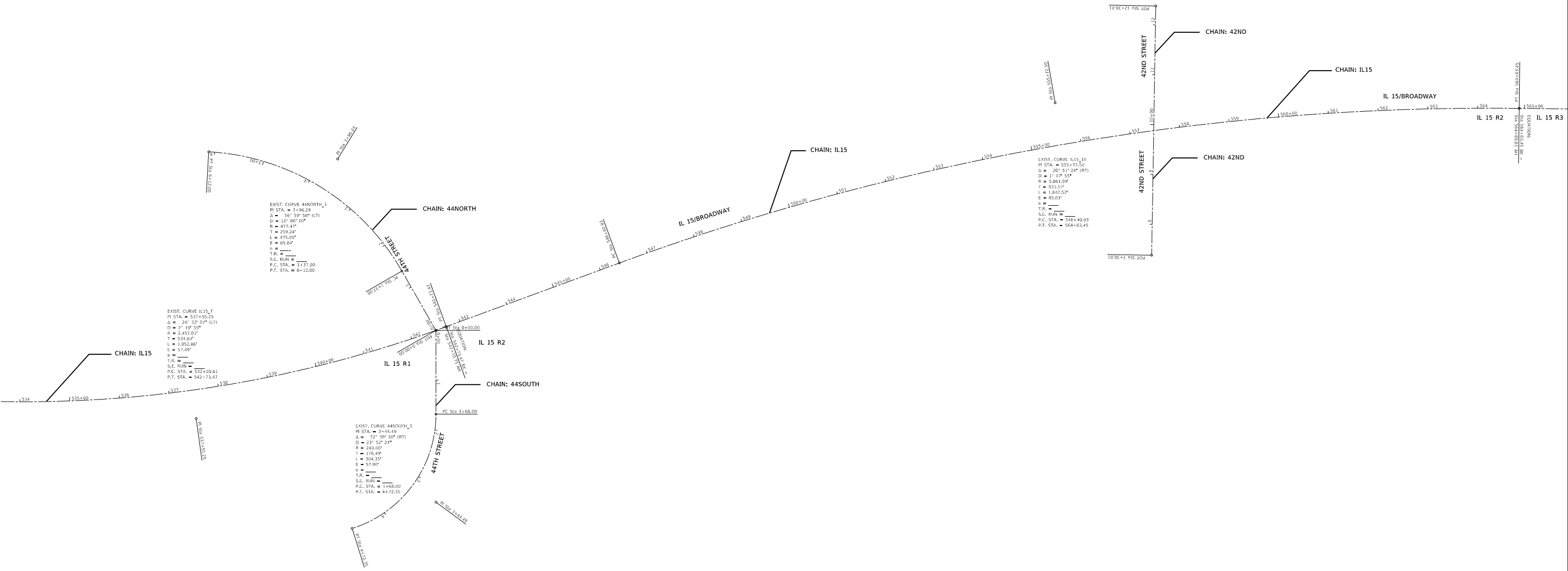
PAVEMENT MARKING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	78731	99	17
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



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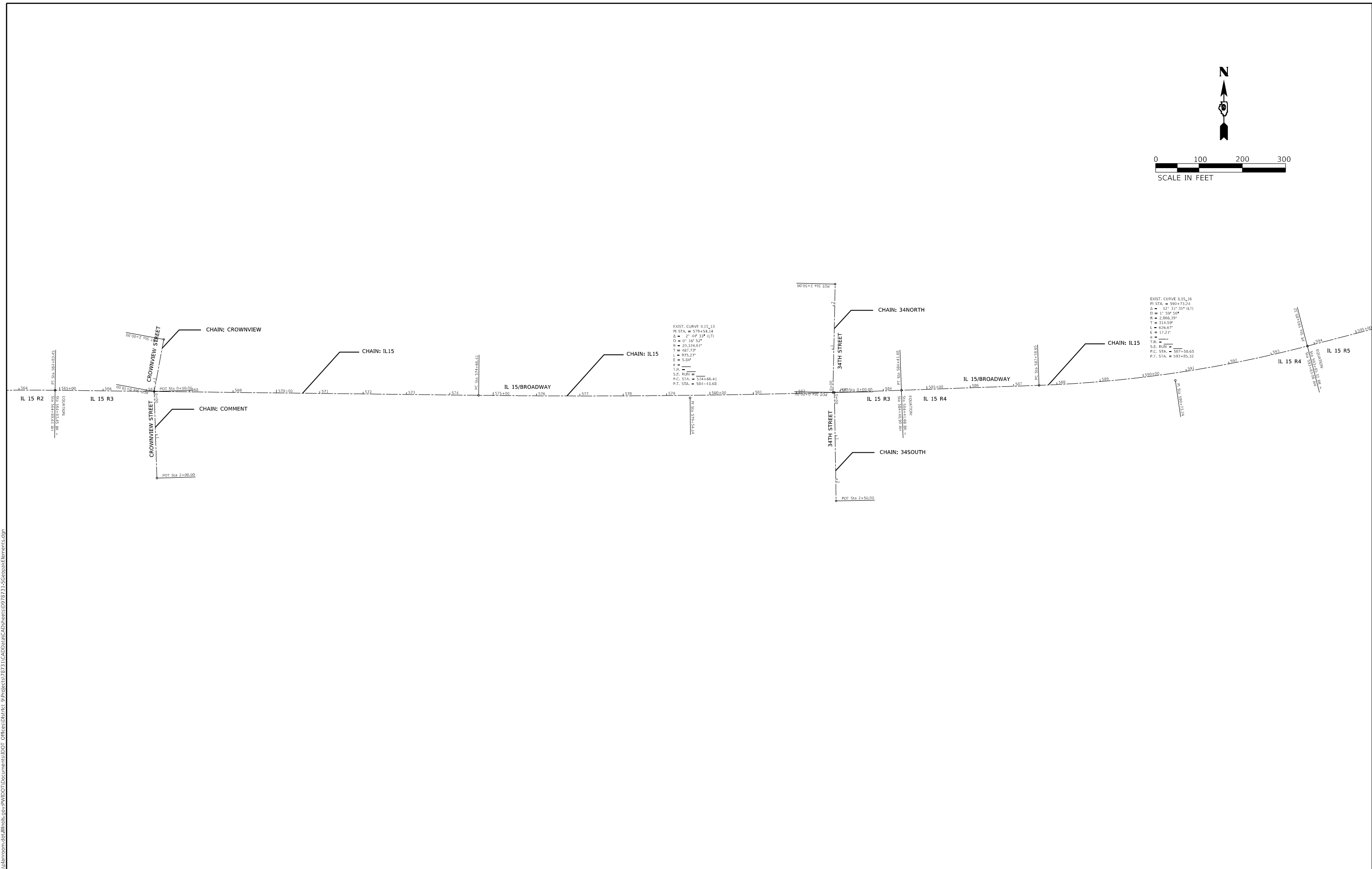
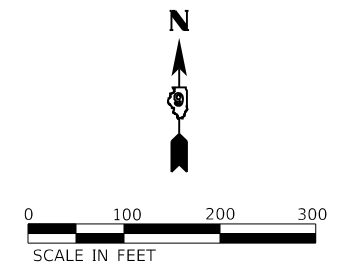


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEOPAK ELEMENTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	18
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



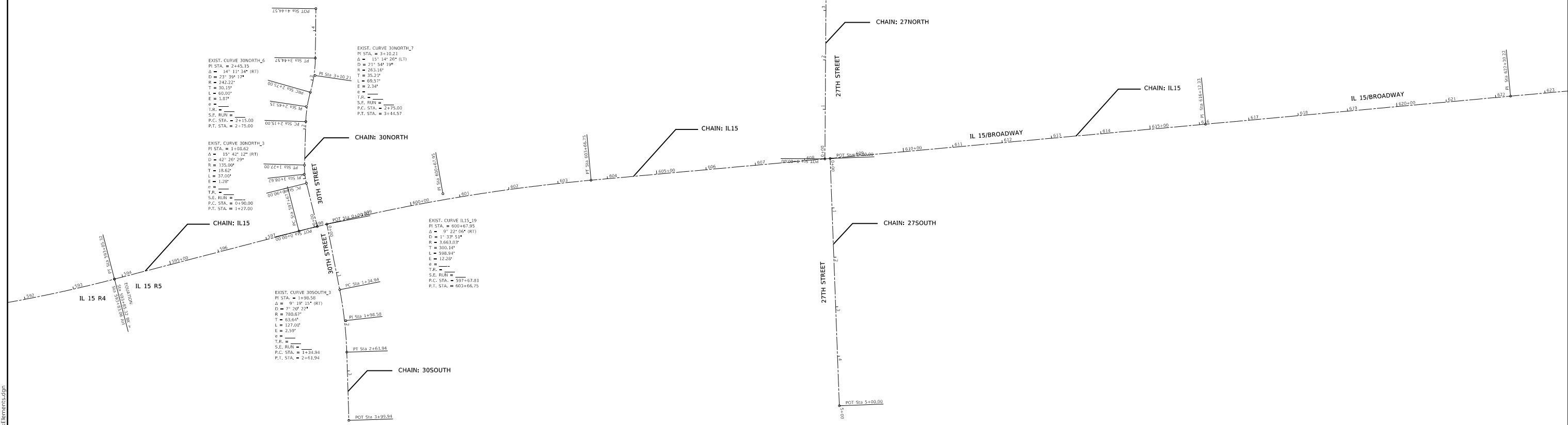
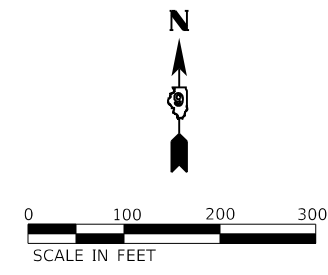
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GEOPAK ELEMENTS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	19
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



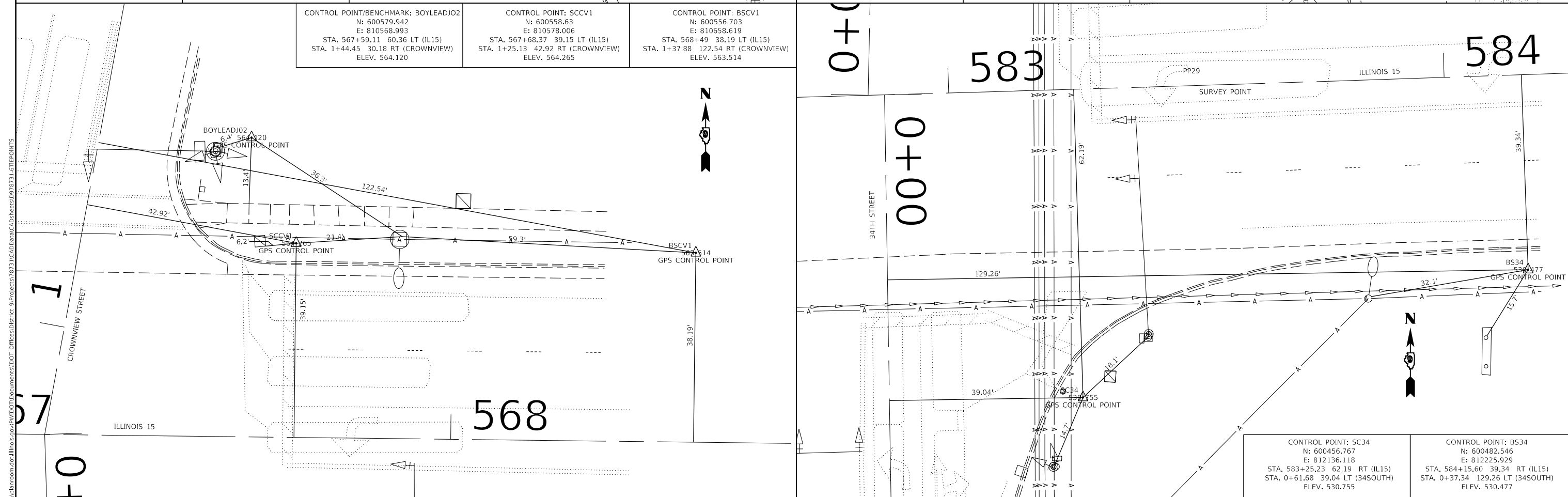
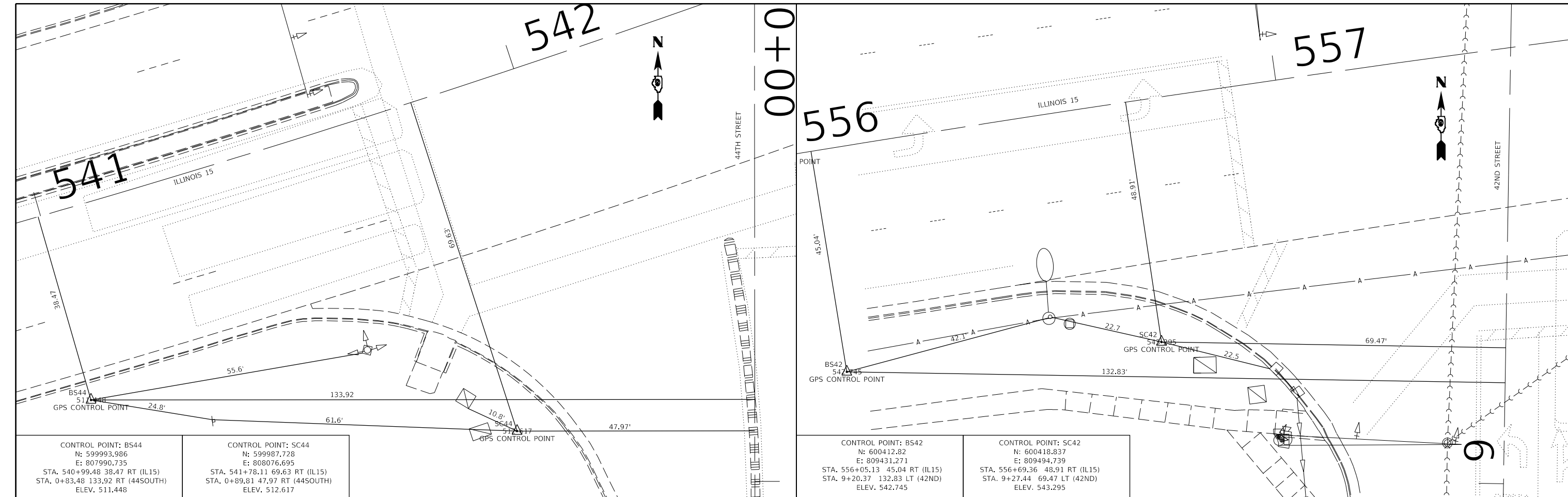
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOPAK ELEMENTS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	20
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



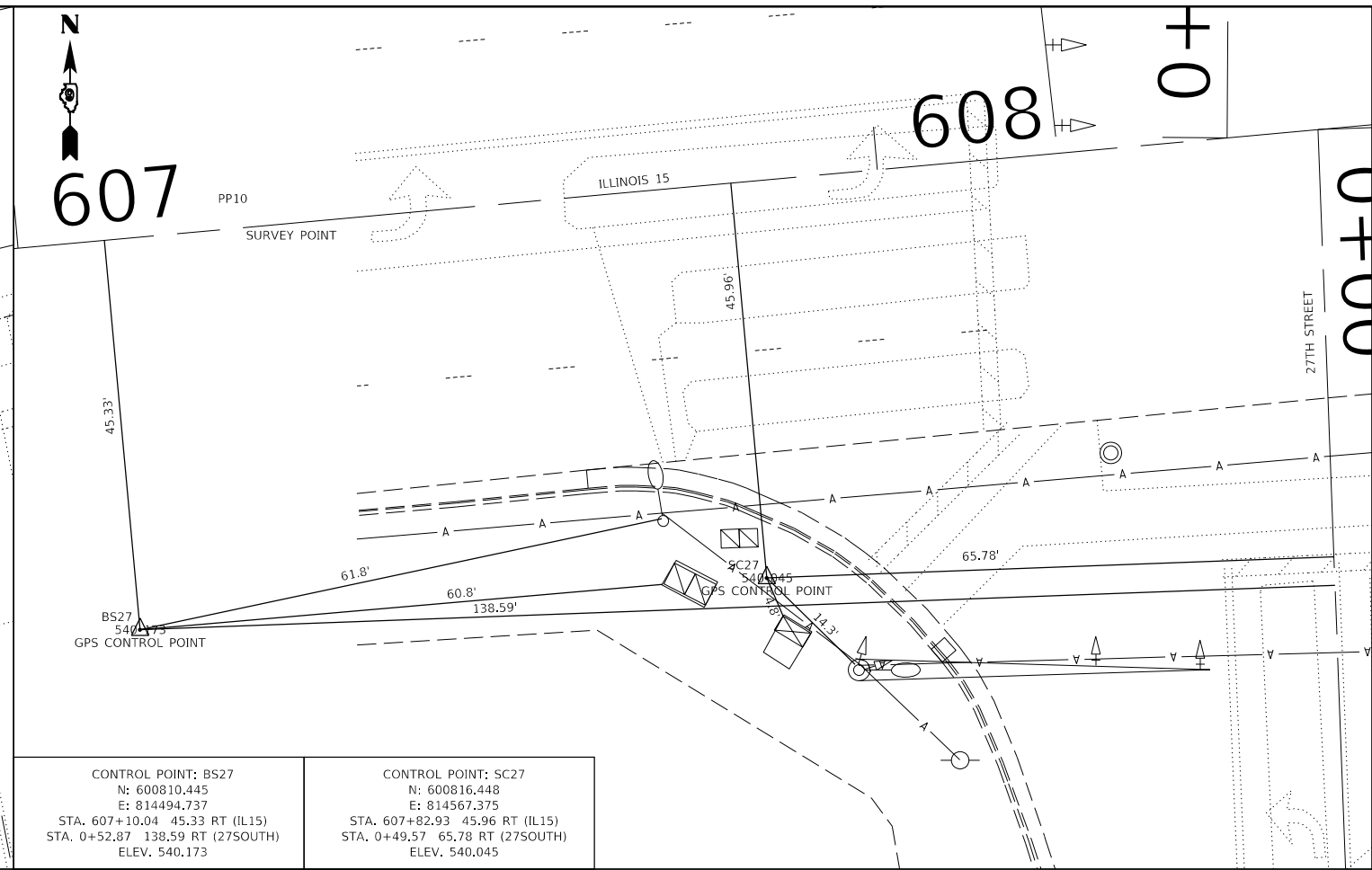
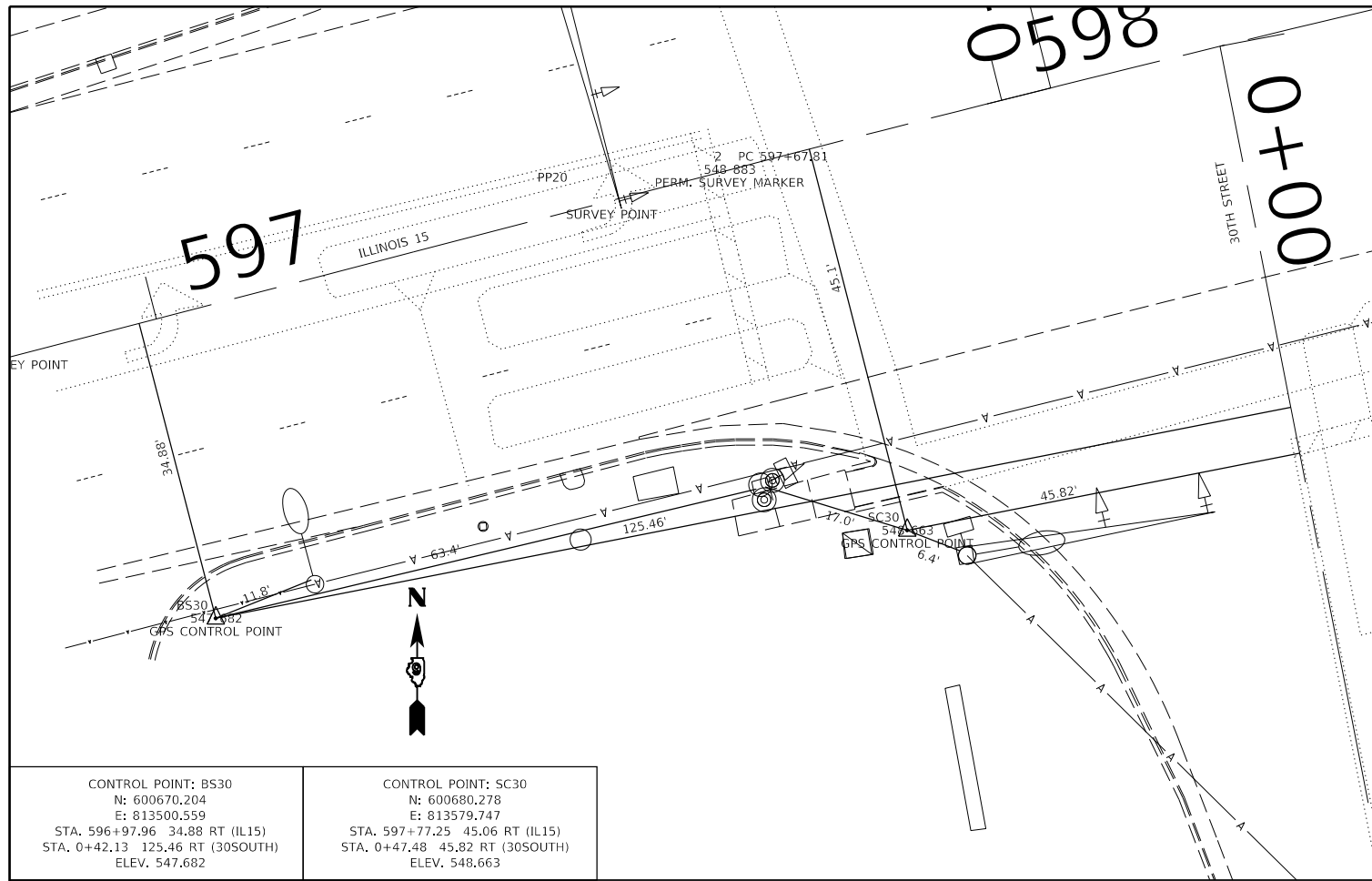
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PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TIEPOINTS/BENCHMARKS	
SCALE:	TO STA.
SHEET	OF SHEETS
STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	21
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



CONTROL POINT: BS30
 N: 600670.204
 E: 813500.559
 STA. 596+97.96 34.88 RT (IL15)
 STA. 0+42.13 125.46 RT (30SOUTH)
 ELEV. 547.682

CONTROL POINT: SC30
 N: 600680.278
 E: 813579.747
 STA. 597+77.25 45.06 RT (IL15)
 STA. 0+47.48 45.82 RT (30SOUTH)
 ELEV. 548.663

CONTROL POINT: BS27
 N: 600810.445
 E: 814494.737
 STA. 607+10.04 45.33 RT (IL15)
 STA. 0+52.87 138.59 RT (27SOUTH)
 ELEV. 540.173

CONTROL POINT: SC27
 N: 600816.448
 E: 814567.375
 STA. 607+82.93 45.96 RT (IL15)
 STA. 0+49.57 65.78 RT (27SOUTH)
 ELEV. 540.045

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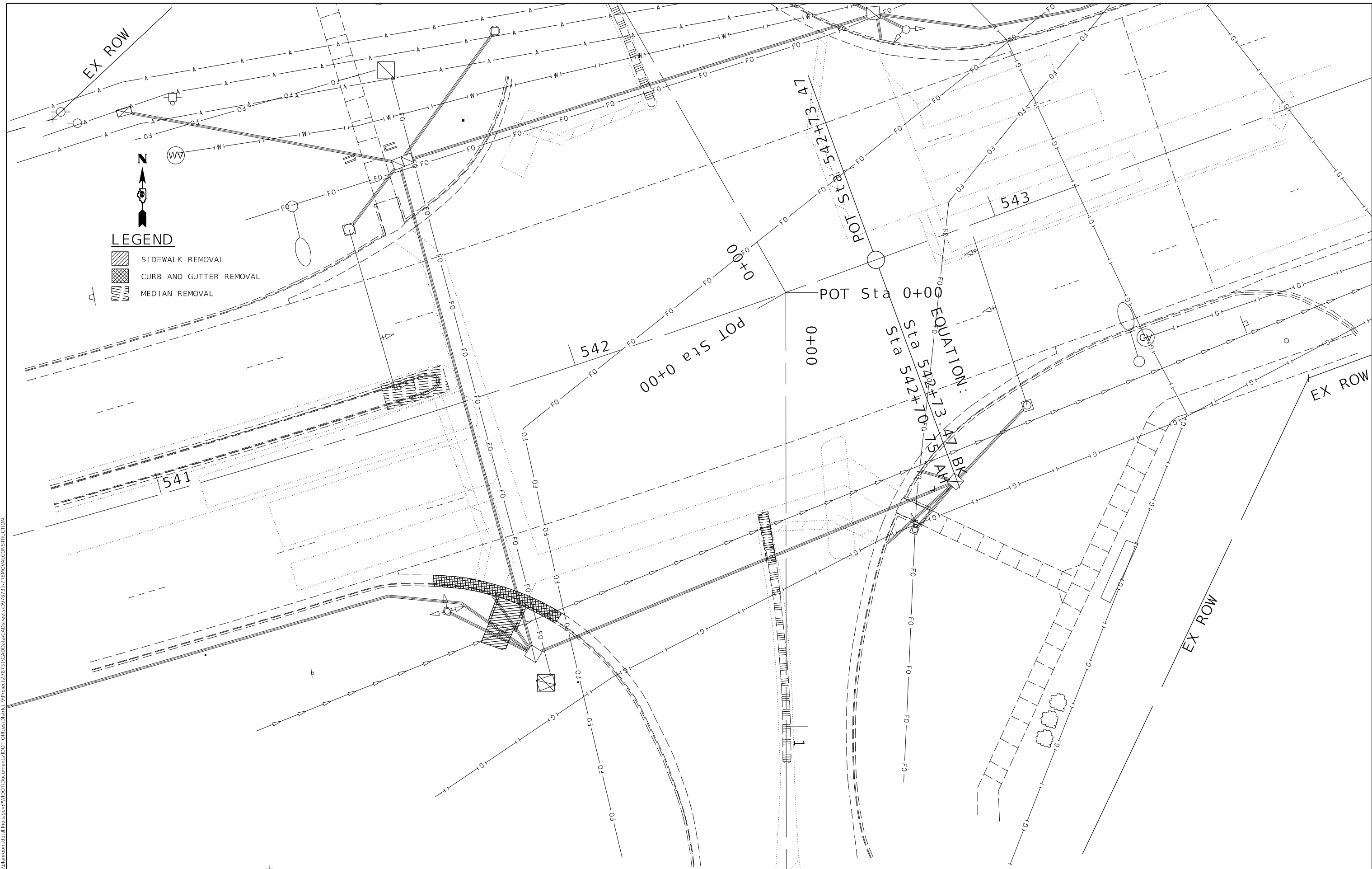
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TIEPOINTS/BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,T5-1	JEFFERSON	99	22
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

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LEGEND

	SIDWALK REMOVAL
	CURB AND GUTTER REMOVAL
	MEDIAN REMOVAL

USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**




**44TH STREET INTERSECTION
 REMOVAL SHEET**

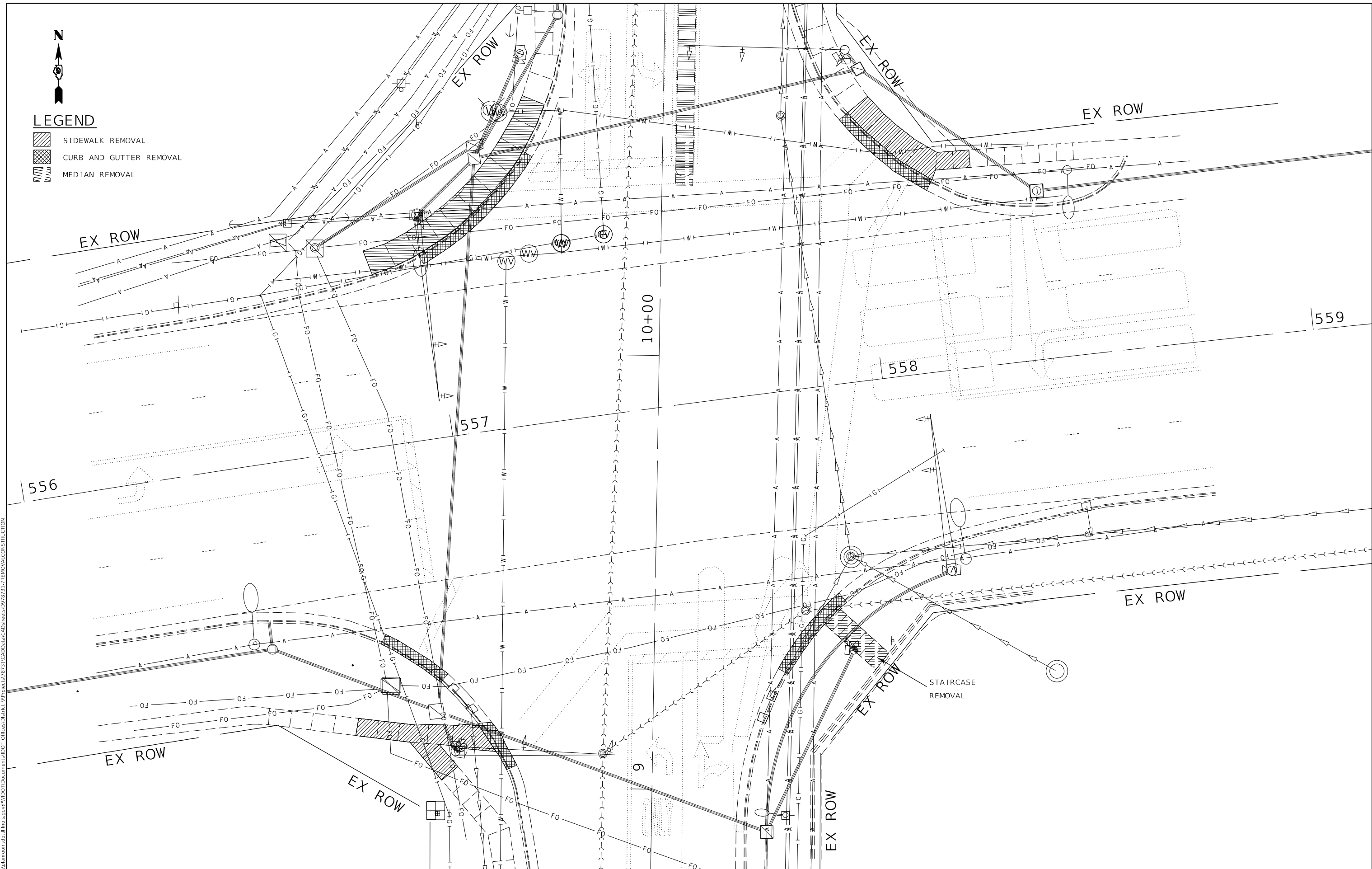
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	23
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



LEGEND

-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  MEDIAN REMOVAL



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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**42 STREET INTERSECTION
REMOVAL SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,T5-1	JEFFERSON	99	24
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



LEGEND

- SIDEWALK REMOVAL
- CURB AND GUTTER REMOVAL

EX ROW

POT Sta 2+00.00

EX ROW

EX ROW

EX ROW

EX ROW

566

567

POT Sta 0+00.00

568

POT Sta 0+78.00

00+0

EX ROW

EX ROW

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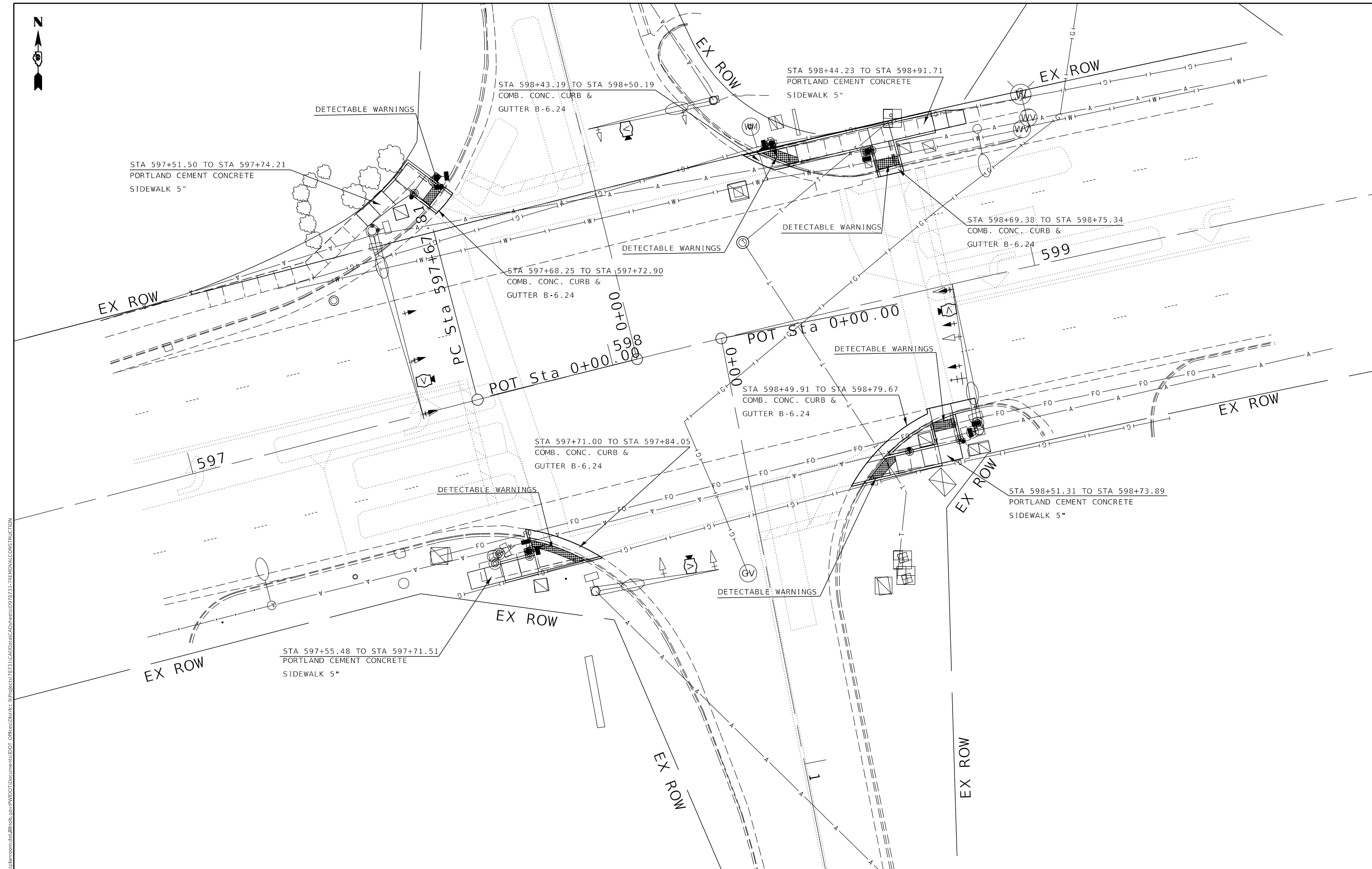
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	DRAWN -	REVISED -
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROWNVIEW DRIVE INTERSECTION
REMOVAL SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	25
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



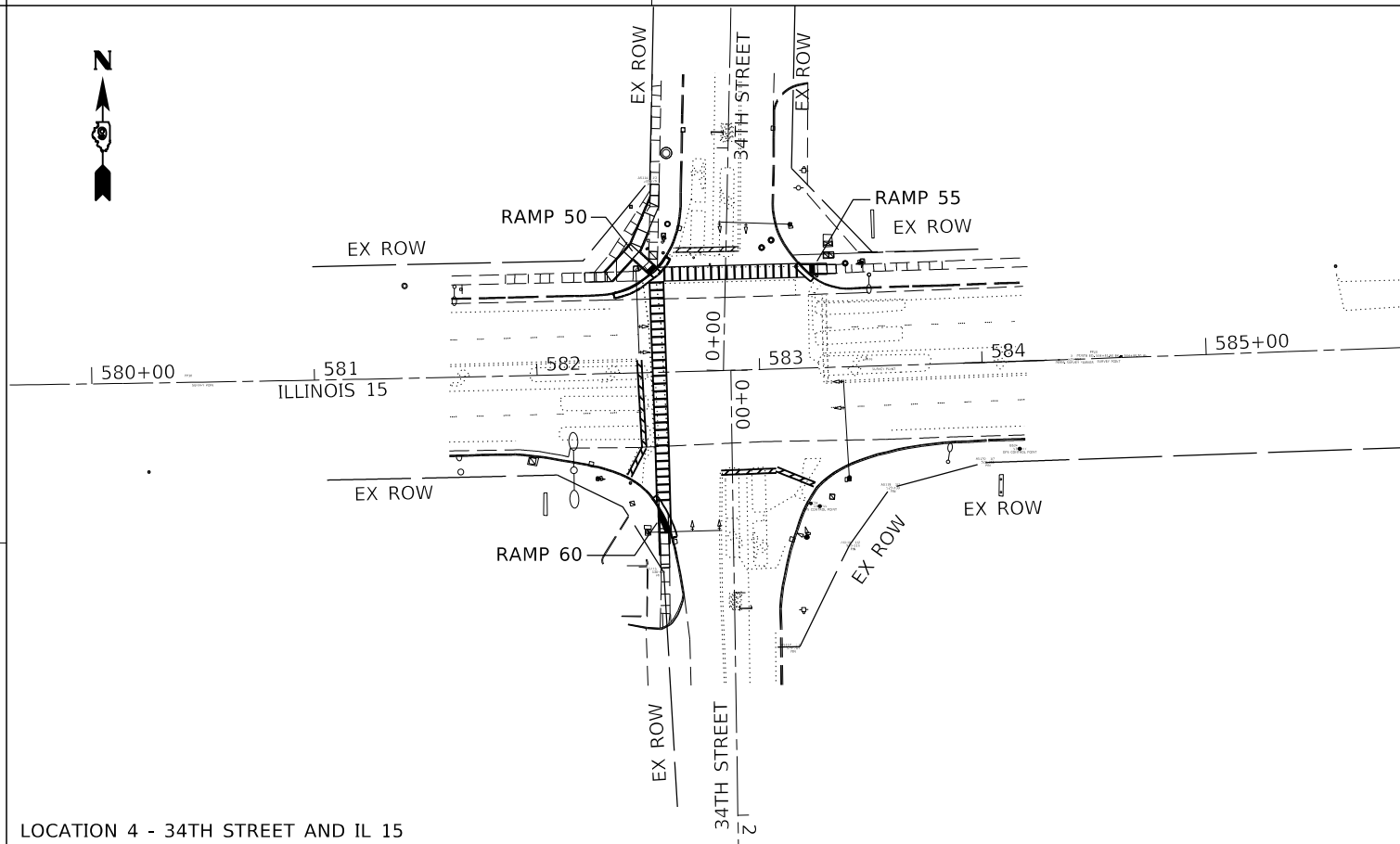
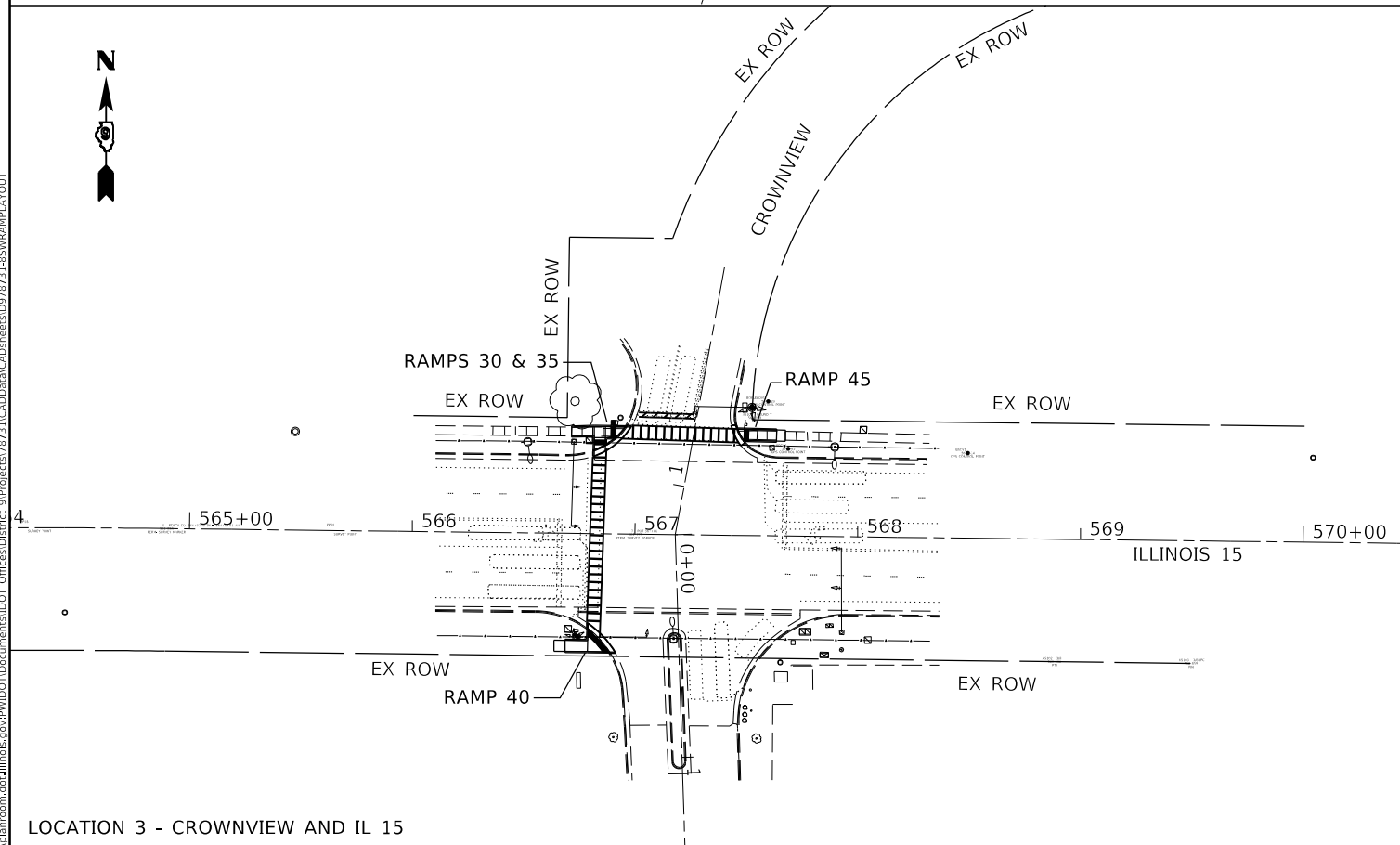
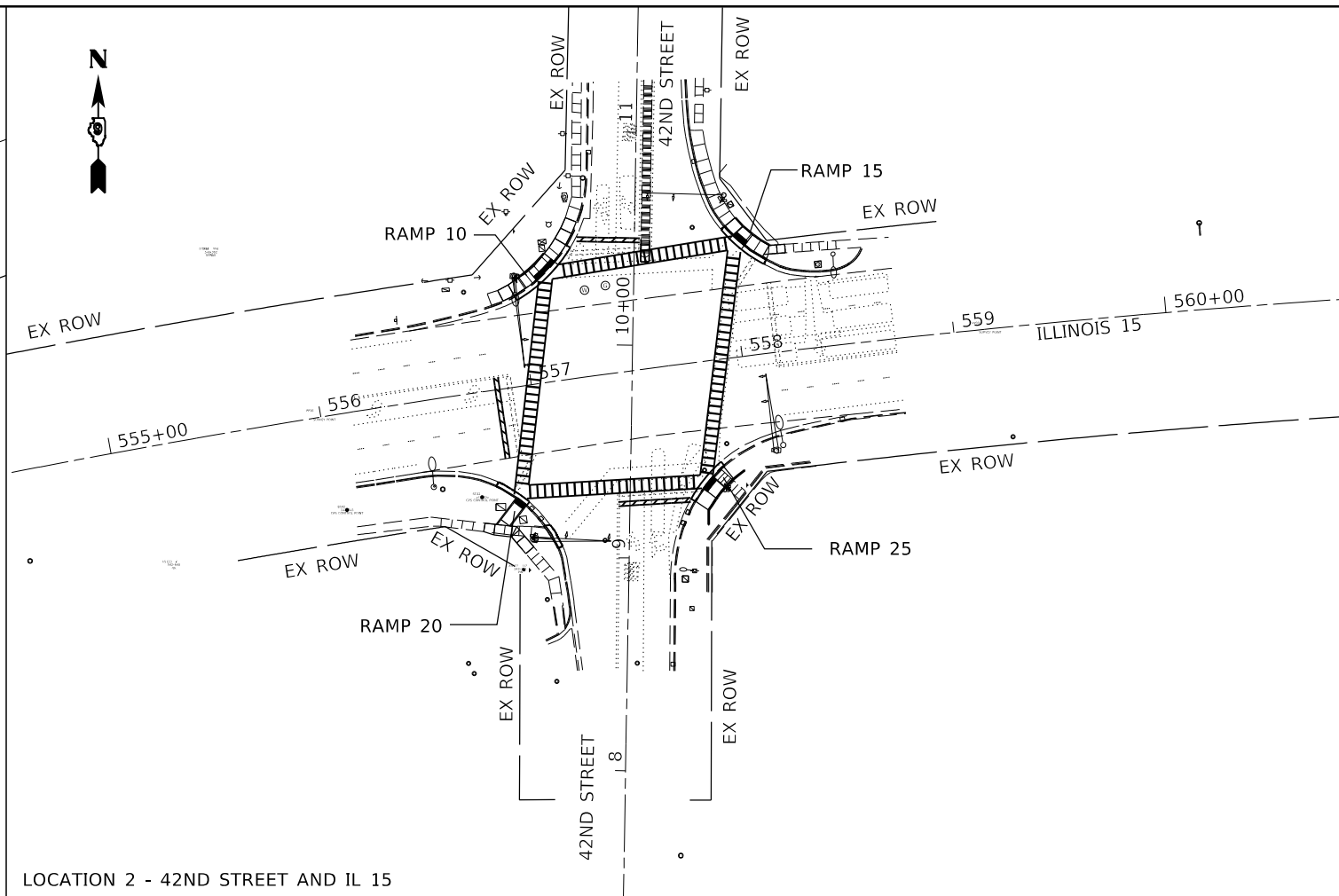
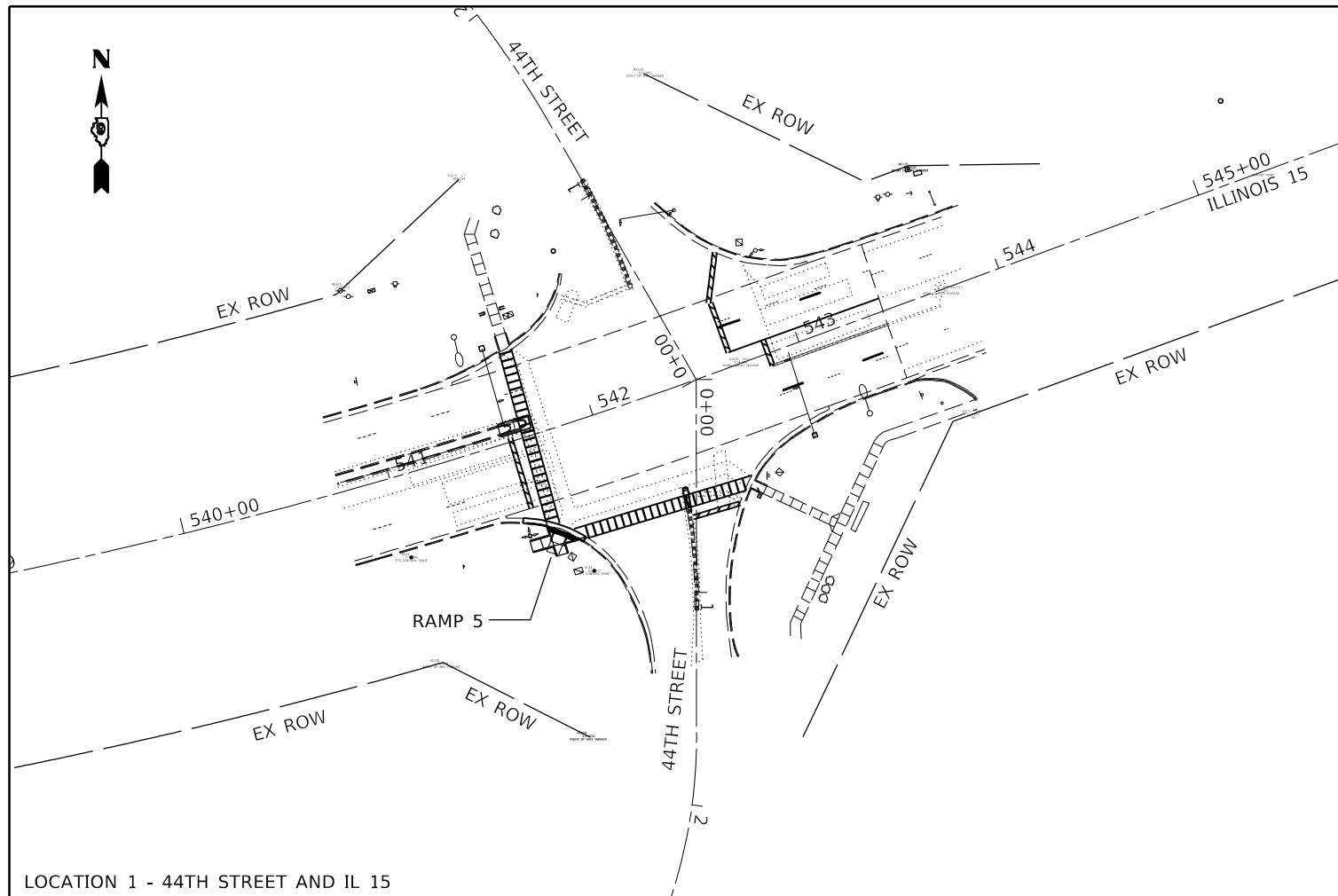
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USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

30TH STREET INTERSECTION CONSTRUCTION SHEET		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	33
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



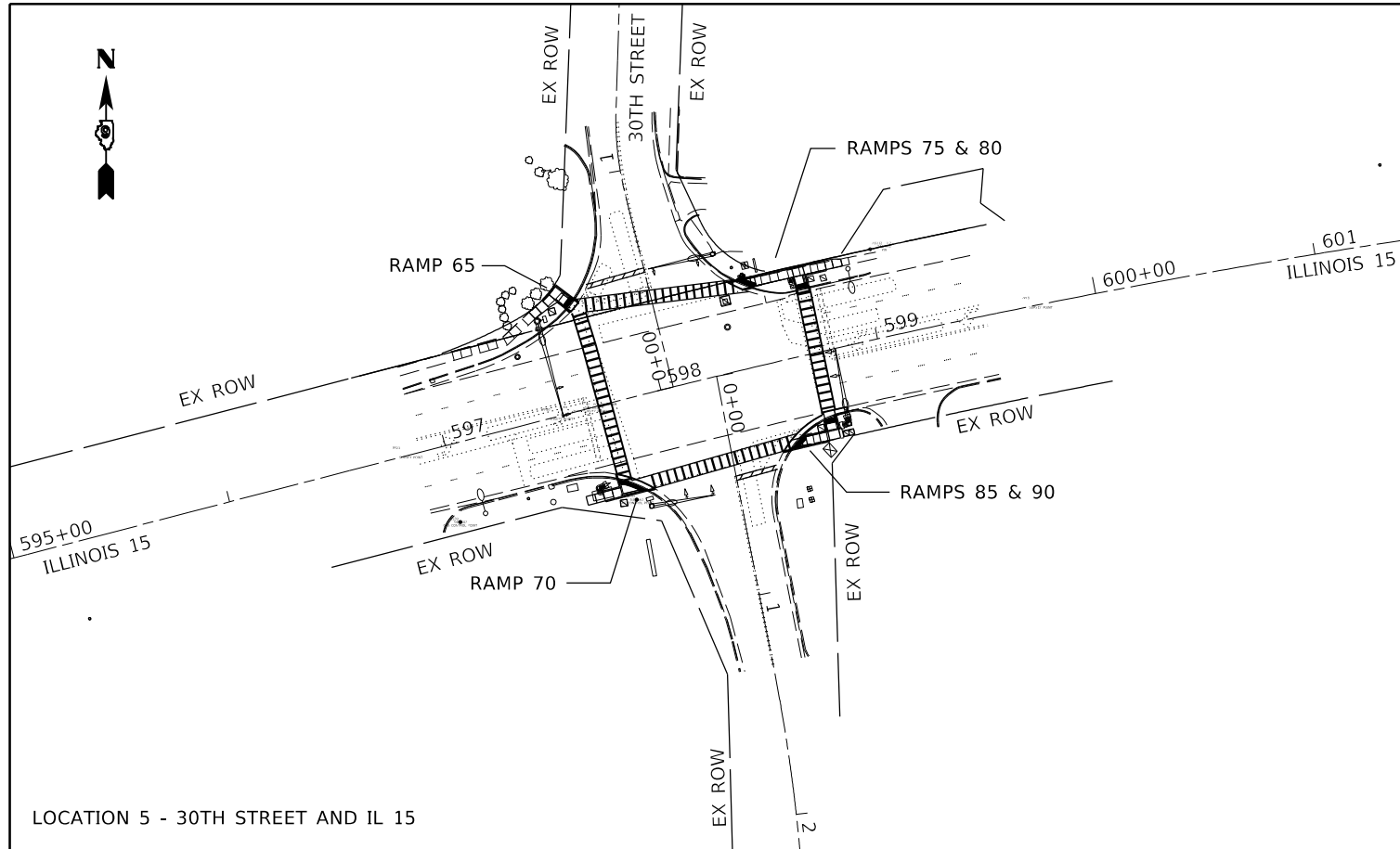
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DRAWN -	REVISIONS -	
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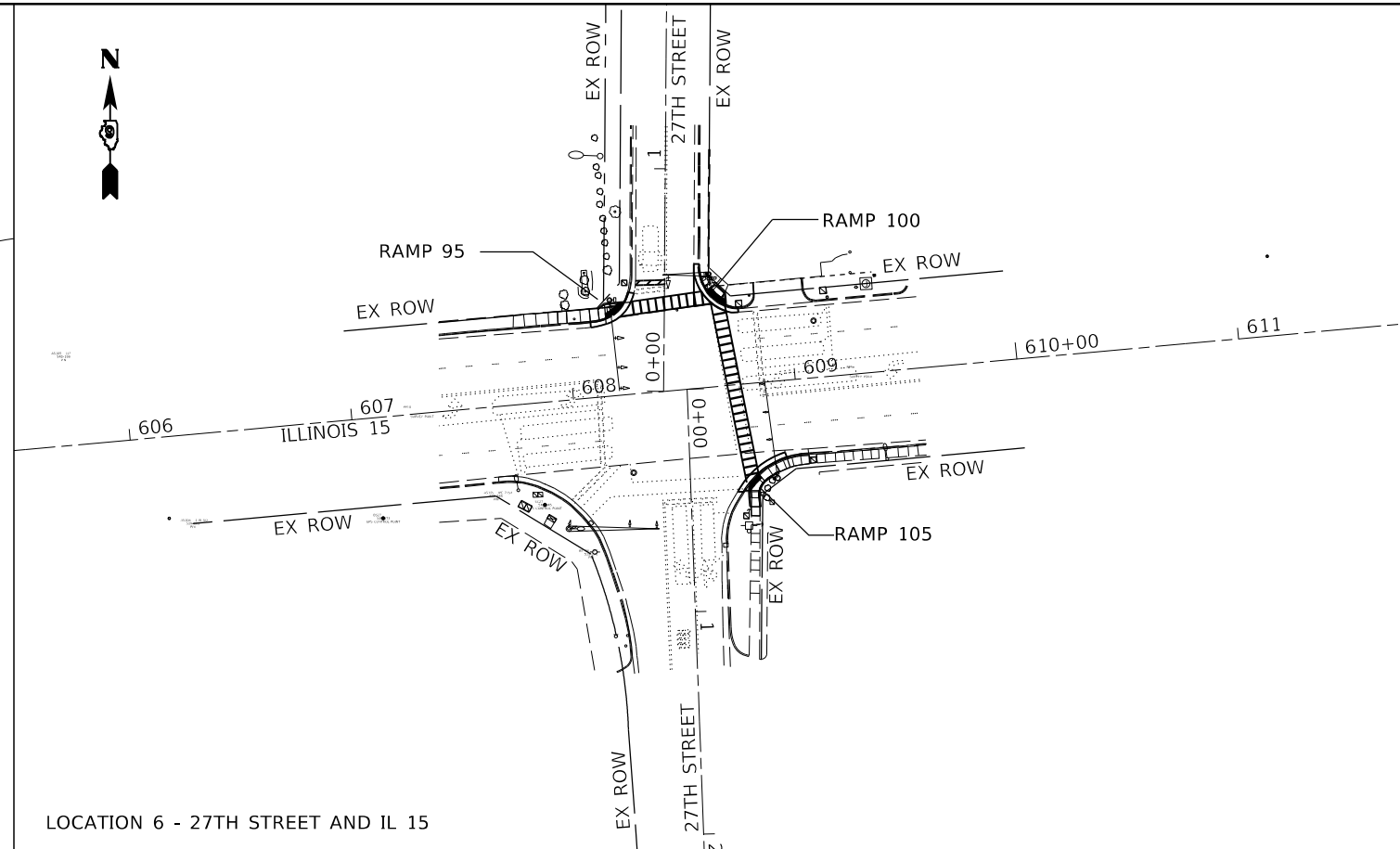
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP LAYOUT	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1, TS-1	JEFFERSON	99	35
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



LOCATION 5 - 30TH STREET AND IL 15



LOCATION 6 - 27TH STREET AND IL 15

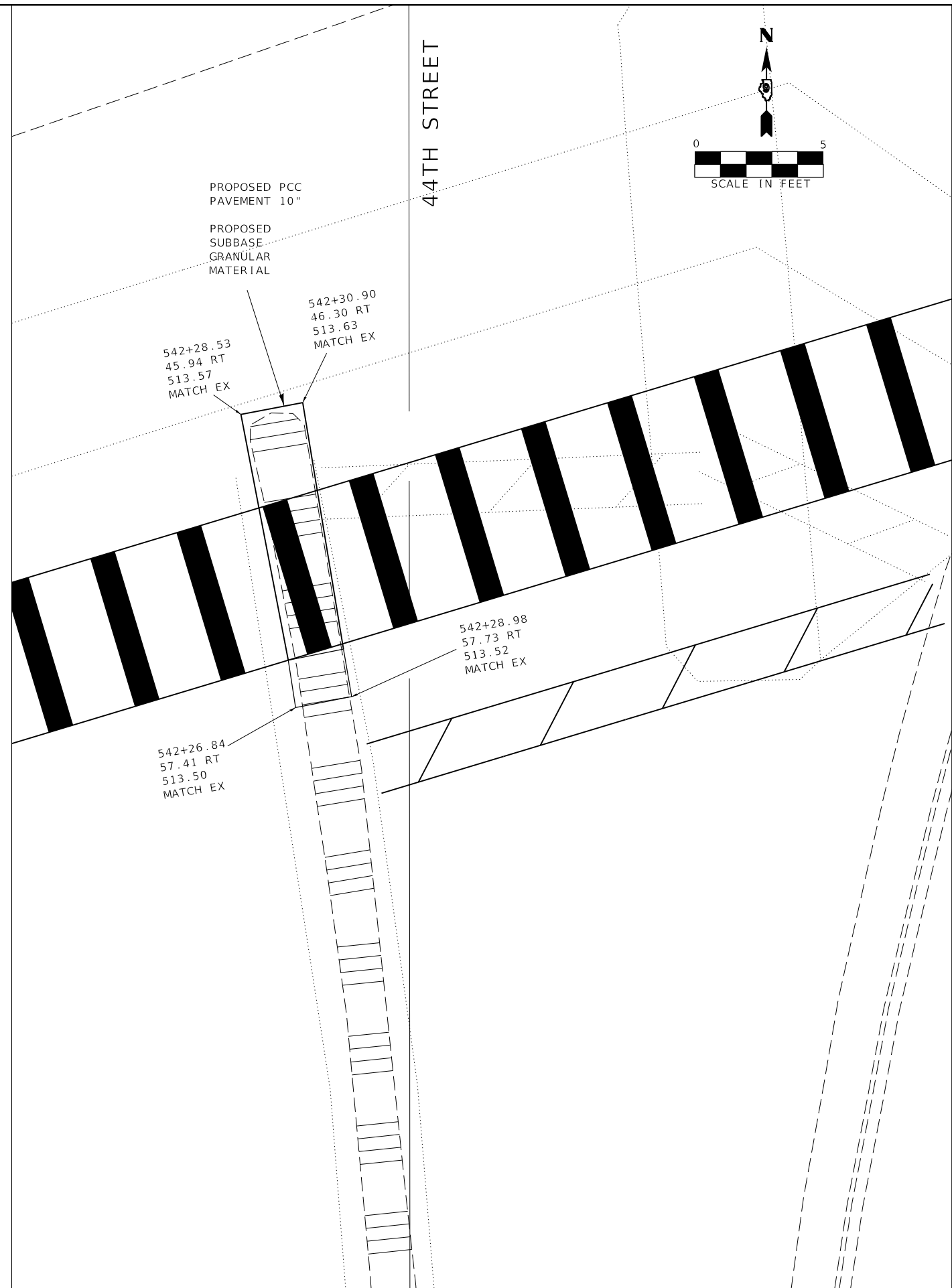
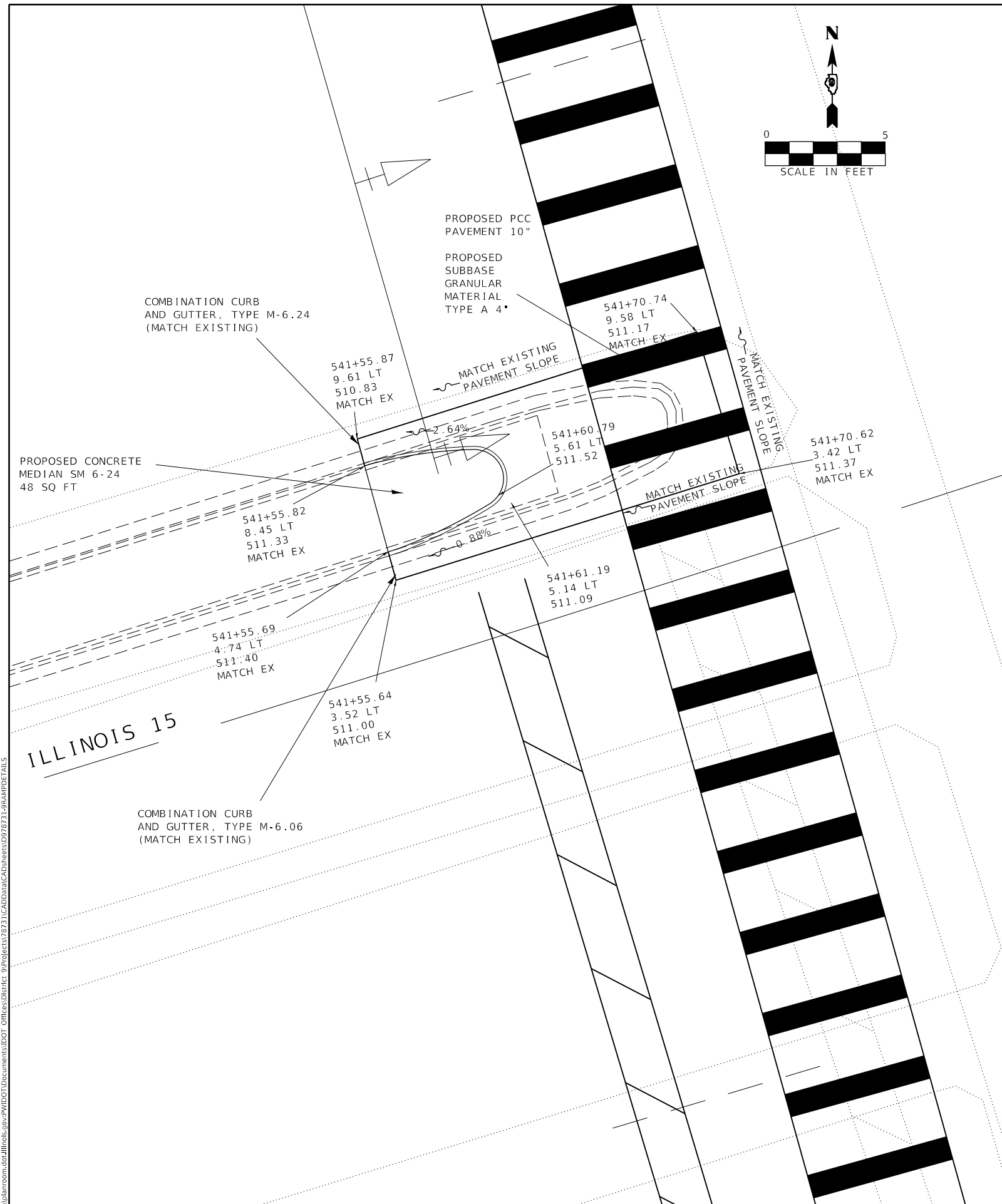
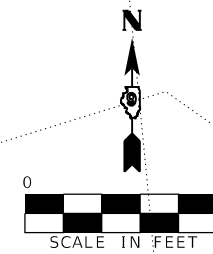
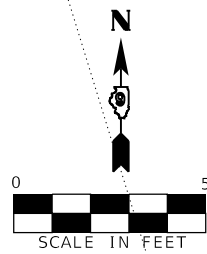
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	DRAWN -	REVISED -
PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	36
CONTRACT NO. 78731			ILLINOIS FED. AID PROJECT	



MODEL: Default
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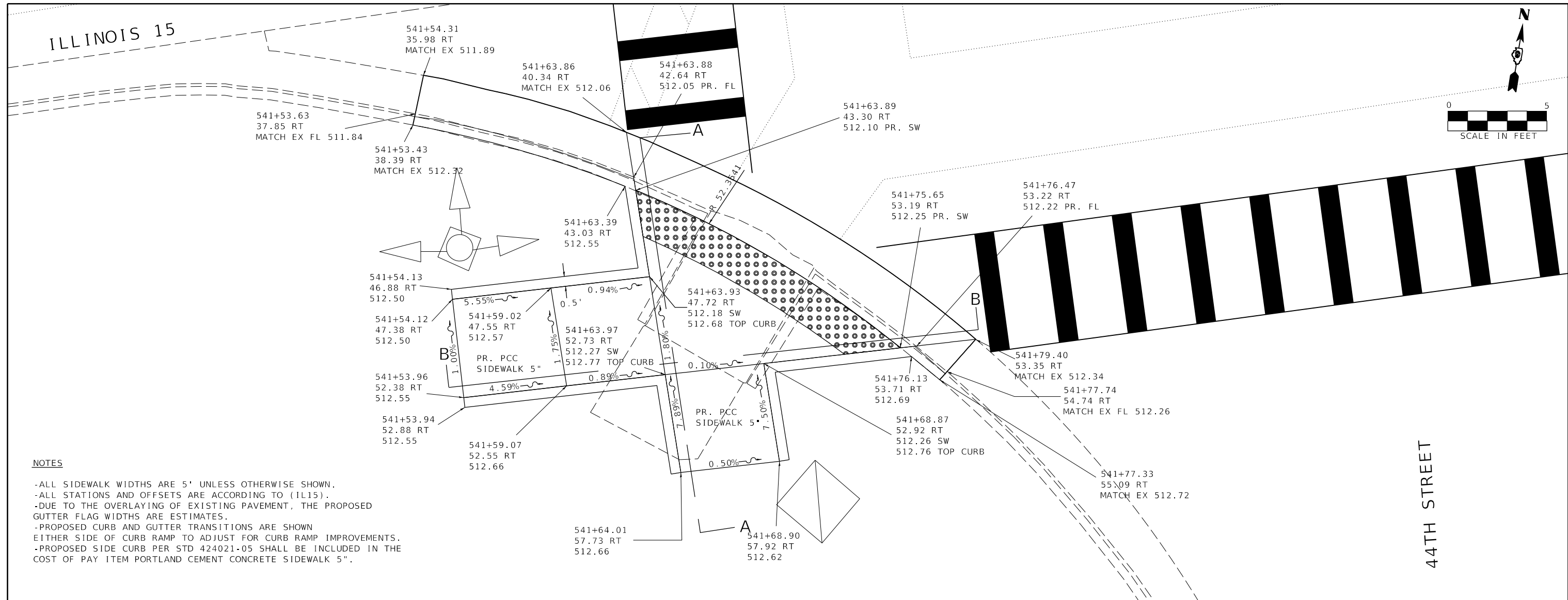
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

44TH STREET MEDIAN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

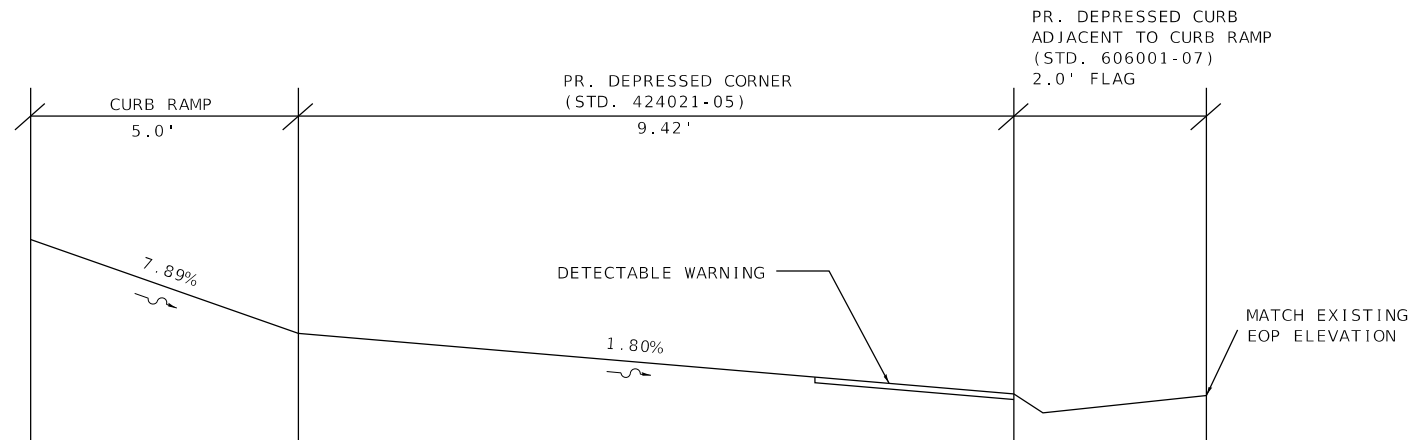
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	37
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



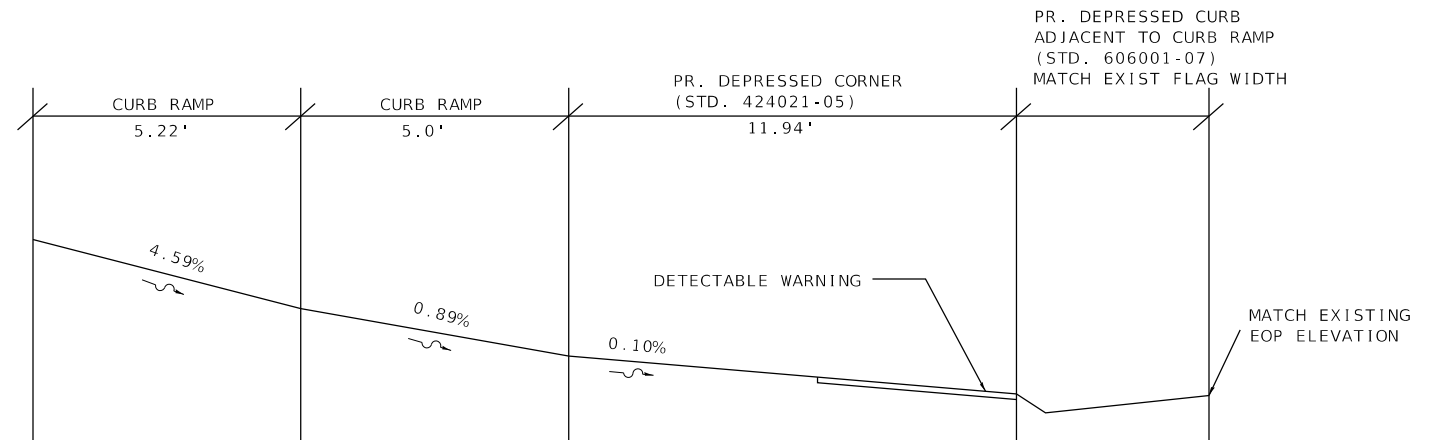
NOTES

- ALL SIDEWALK WIDTHS ARE 5' UNLESS OTHERWISE SHOWN.
- ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
- DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
- PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
- PROPOSED SIDE CURB PER STD 424021-05 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

RAMP 5 SECTION A-A



RAMP 5 SECTION B-B



MODEL: Default
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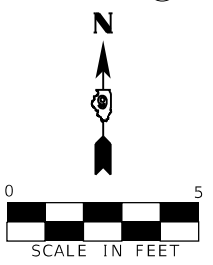
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DRAWN -	REVISIONS -	
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

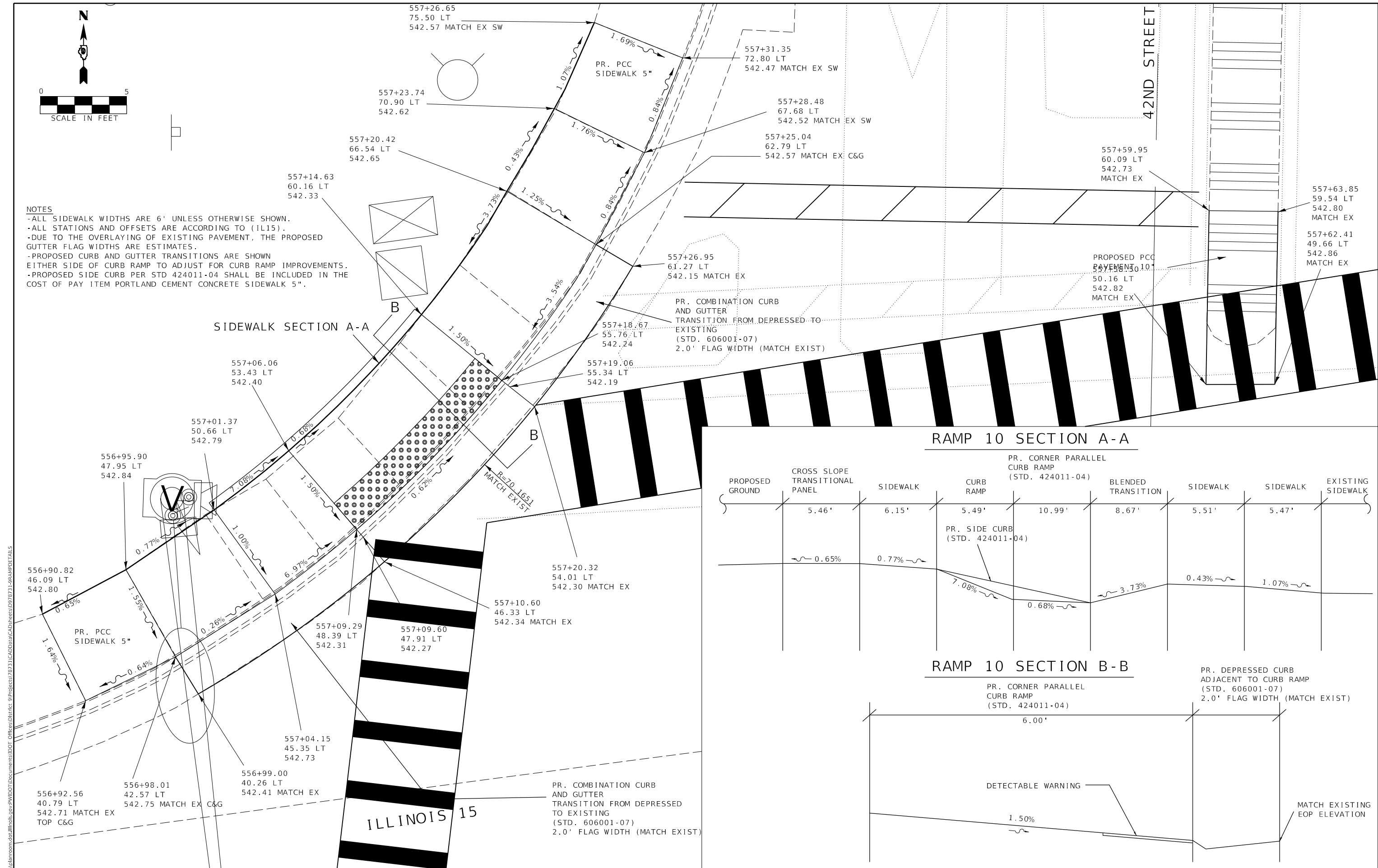
**SIDEWALK RAMP DETAILS:
RAMP 5**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	38
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



NOTES
 -ALL SIDEWALK WIDTHS ARE 6' UNLESS OTHERWISE SHOWN.
 -ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
 -DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
 -PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
 -PROPOSED SIDE CURB PER STD 424011-04 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

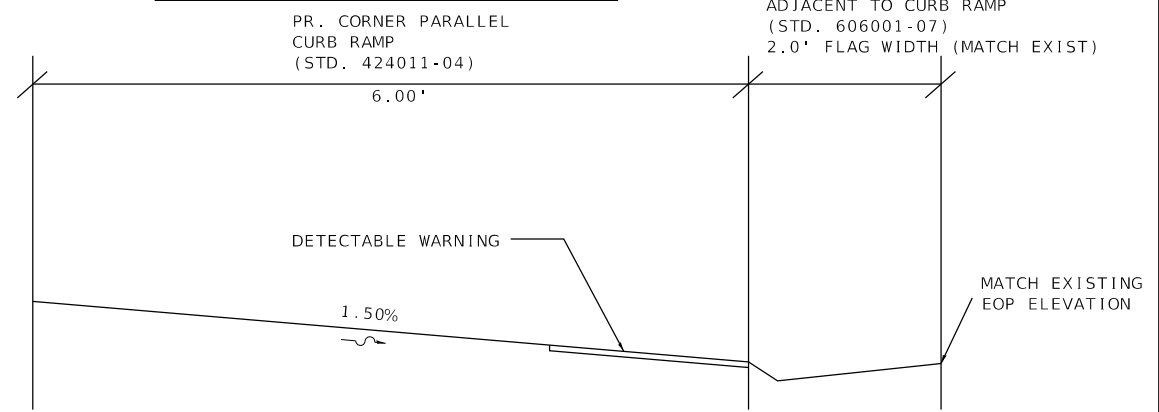


SIDEWALK SECTION A-A

RAMP 10 SECTION A-A

PROPOSED GROUND	CROSS SLOPE TRANSITIONAL PANEL	SIDEWALK	CURB RAMP	PR. CORNER PARALLEL CURB RAMP (STD. 424011-04)	BLENDED TRANSITION	SIDEWALK	SIDEWALK	EXISTING SIDEWALK
	5.46'	6.15'	5.49'	10.99'	8.67'	5.51'	5.47'	
	0.65%	0.77%	7.08%	0.68%	3.73%	0.43%	1.07%	

RAMP 10 SECTION B-B



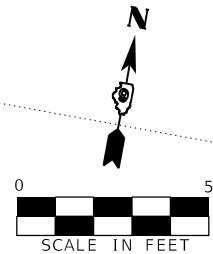
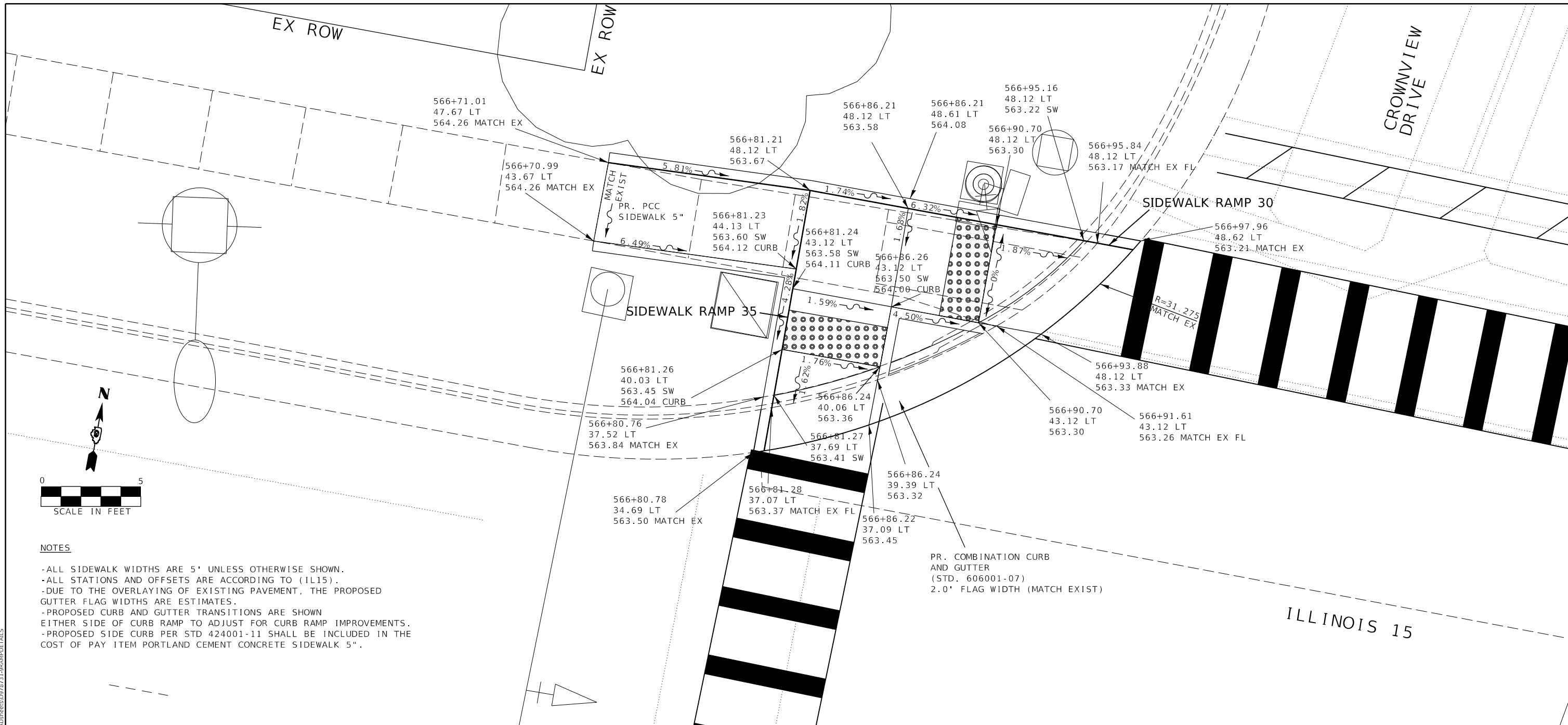
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USER NAME = TaylorND	DESIGNED -	REVISD -
DRAWN -	REVISD -	REVISD -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISD -
PLOT DATE = 5/12/2020	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS: RAMP 10				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

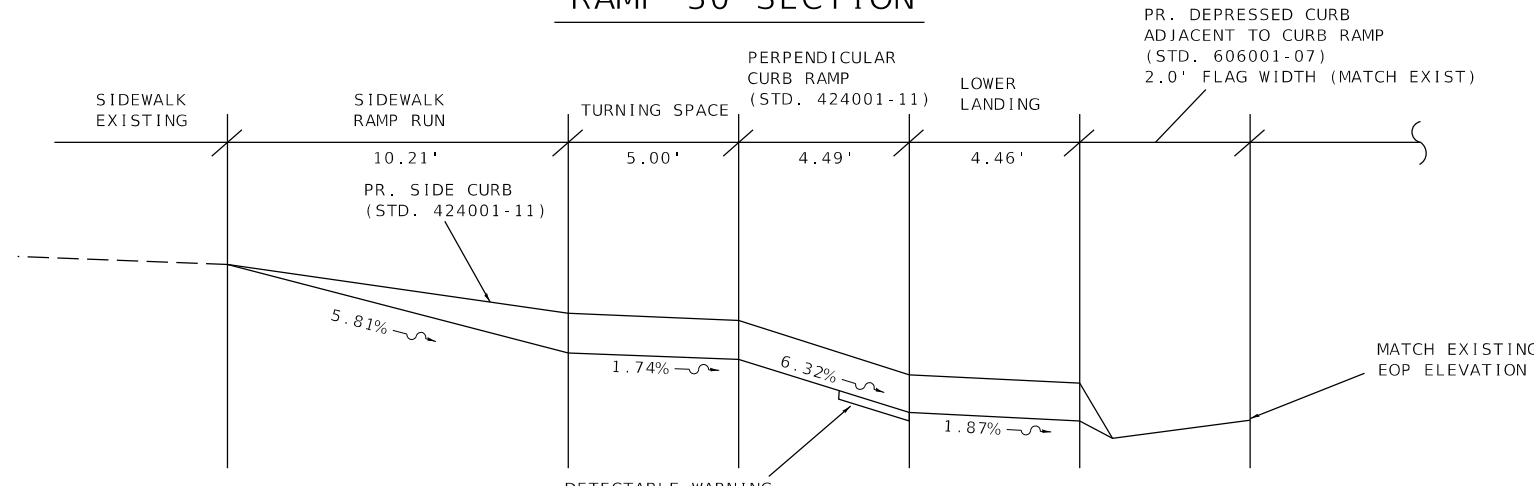
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



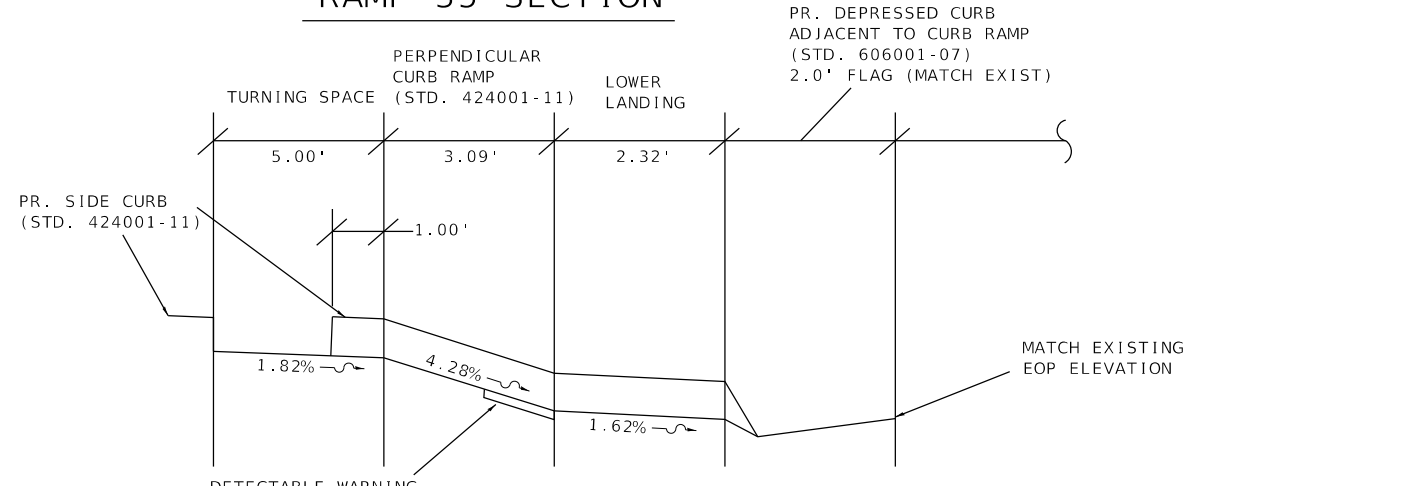
NOTES

- ALL SIDEWALK WIDTHS ARE 5' UNLESS OTHERWISE SHOWN.
- ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
- DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
- PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP IMPROVEMENTS.
- PROPOSED SIDE CURB PER STD 424001-11 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

RAMP 30 SECTION



RAMP 35 SECTION



USER NAME = TaylorND	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

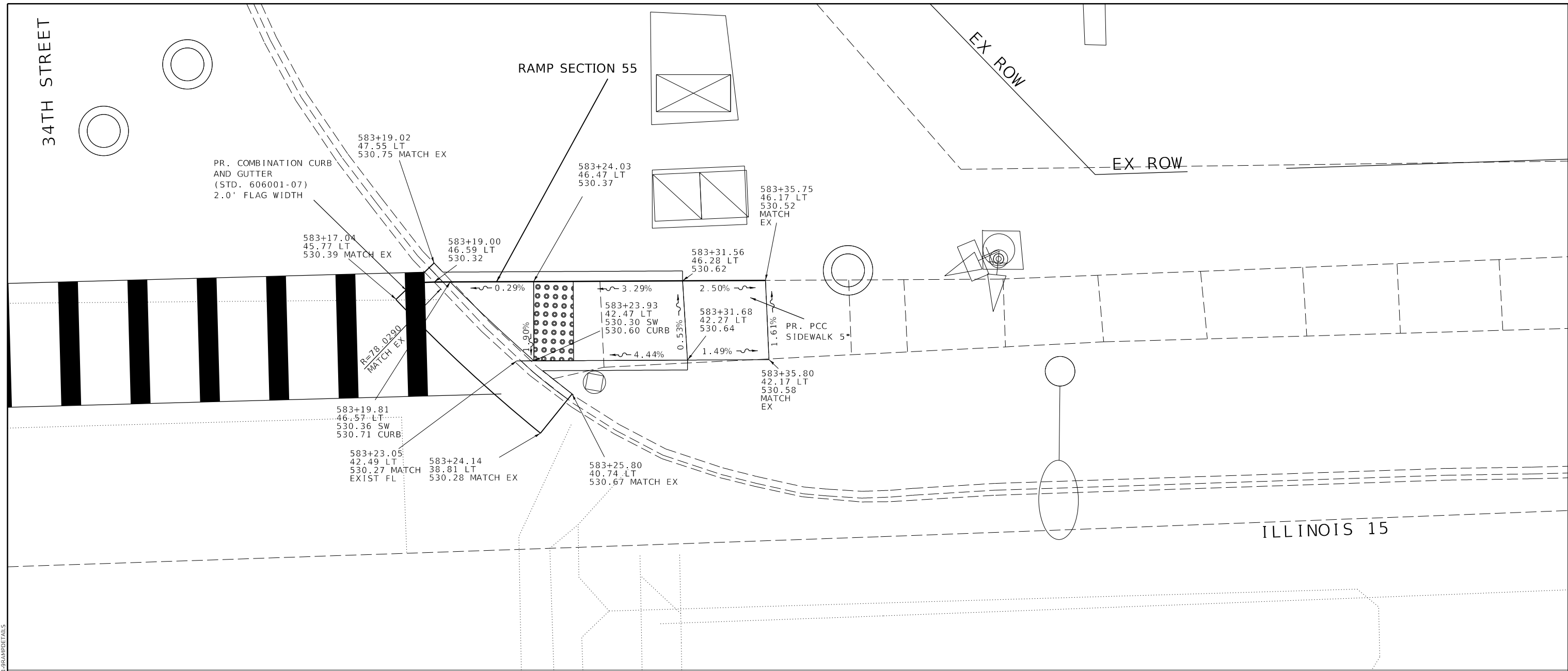
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS: RAMPS 30 AND 35				
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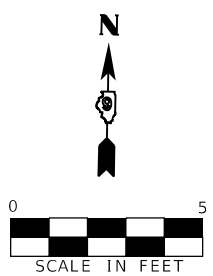
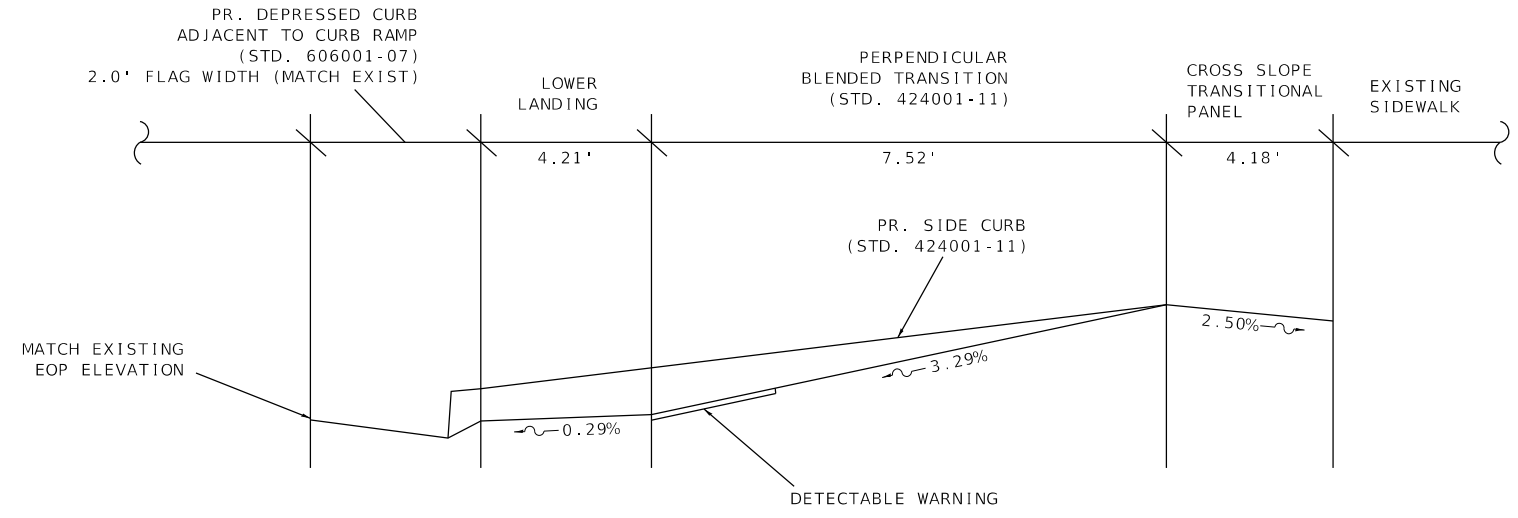
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	43
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

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34TH STREET



RAMP 55 SECTION



- NOTES**
- ALL SIDEWALK WIDTHS ARE 4' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
 - DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
 - PROPOSED SIDE CURB PER STD 424001-11 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

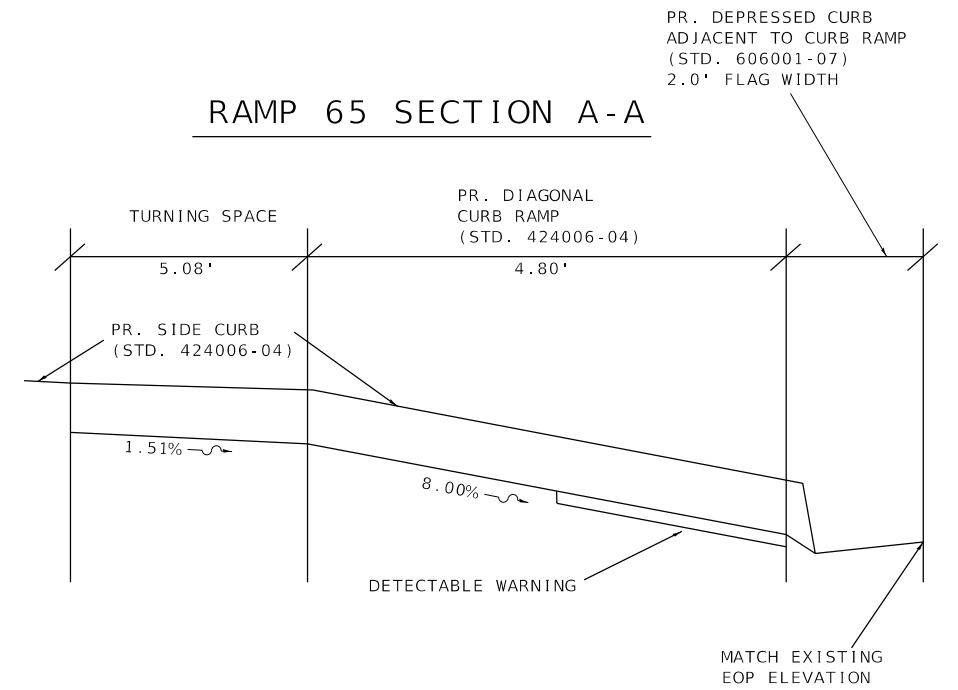
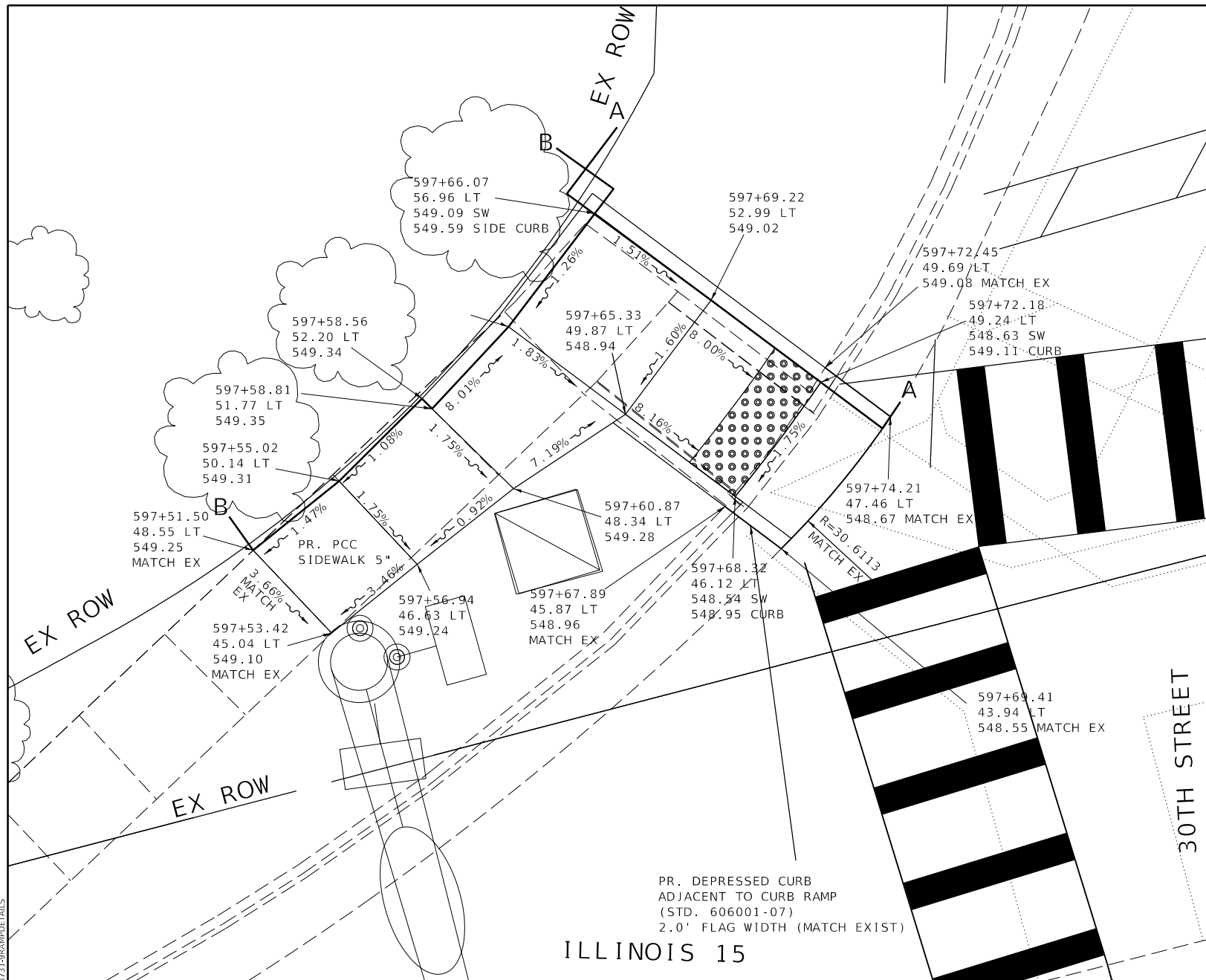
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USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

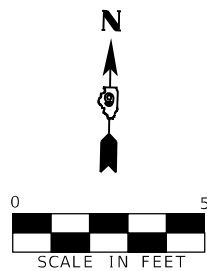
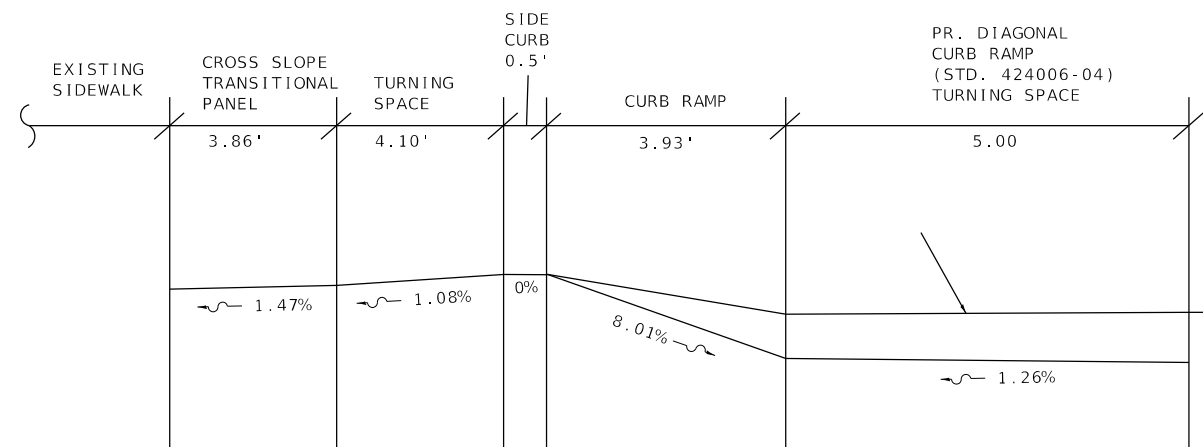
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS:				
RAMP 55				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	47
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



RAMP 65 SECTION B-B



NOTES

- ALL SIDEWALK WIDTHS ARE 5' UNLESS OTHERWISE SHOWN.
- ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
- DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
- PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
- PROPOSED SIDE CURB PER STD 424006-04 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

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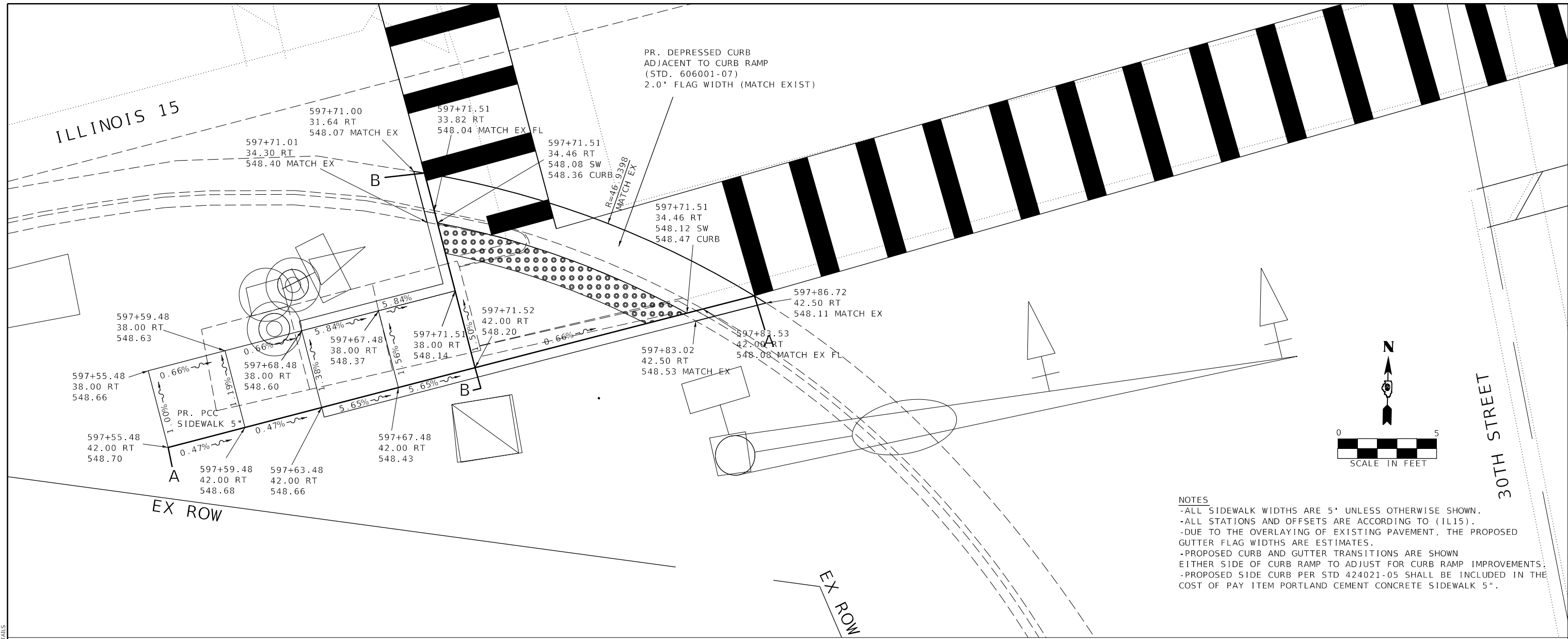
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DRAWN -	REVISED -	
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PLOT DATE = 5/12/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS:
RAMP 65

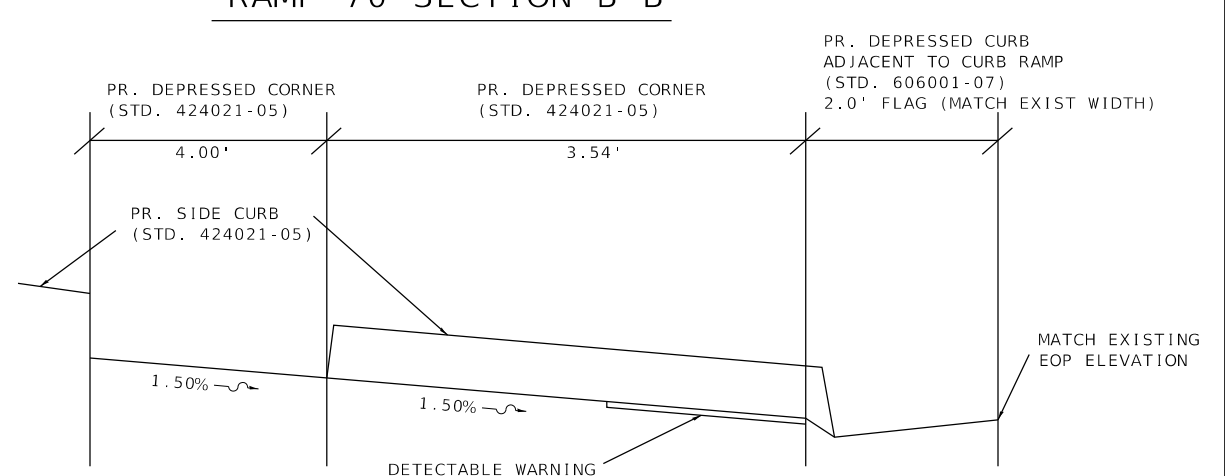
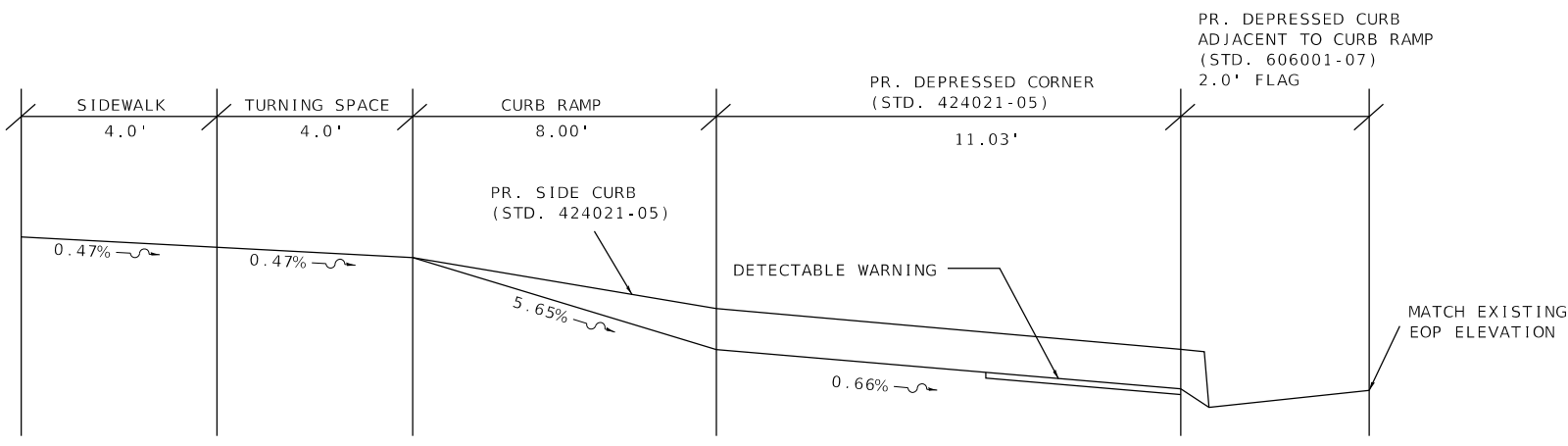
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,T5-1	JEFFERSON	99	49
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



RAMP 70 SECTION A-A

RAMP 70 SECTION B-B



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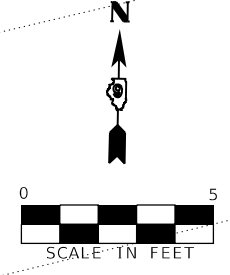
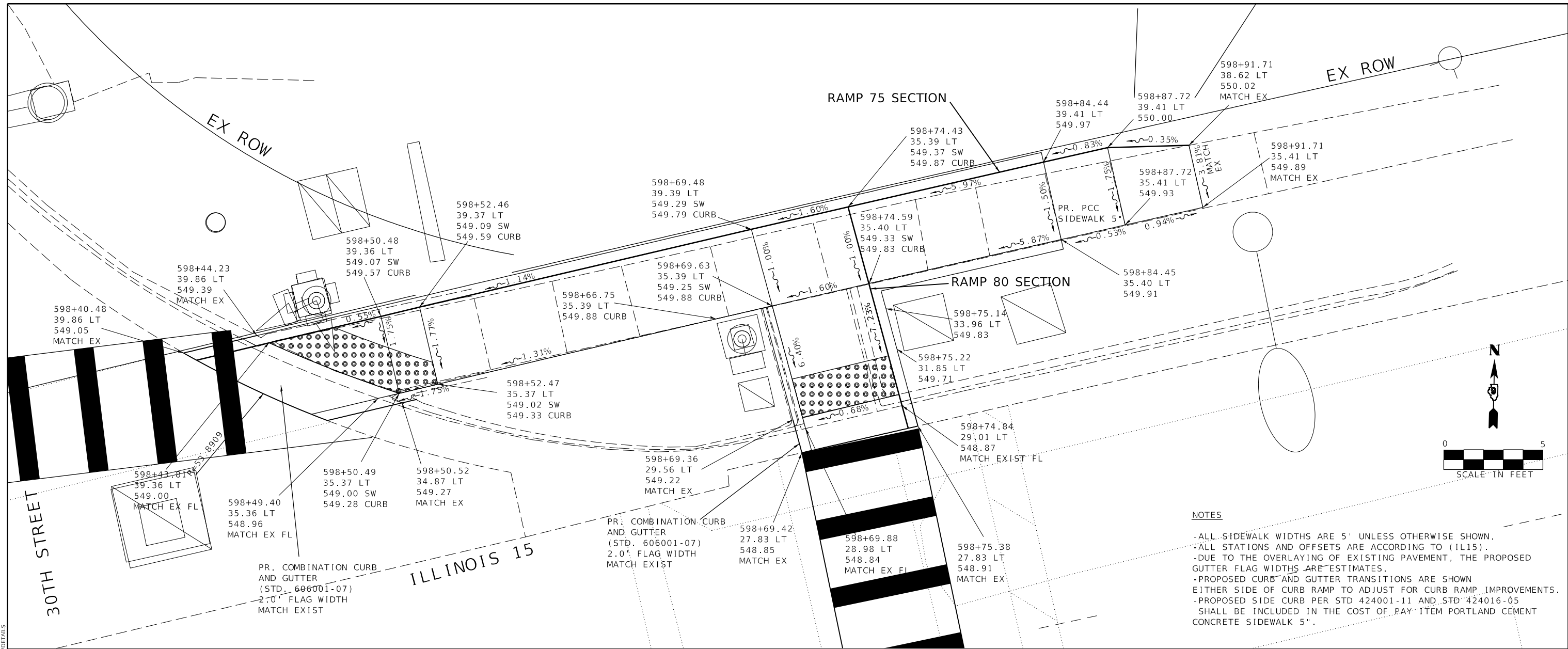
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DRAWN -	REVISOR -	
PLOT SCALE = 5,000' / in.	CHECKED -	REVISOR -
PLOT DATE = 5/12/2020	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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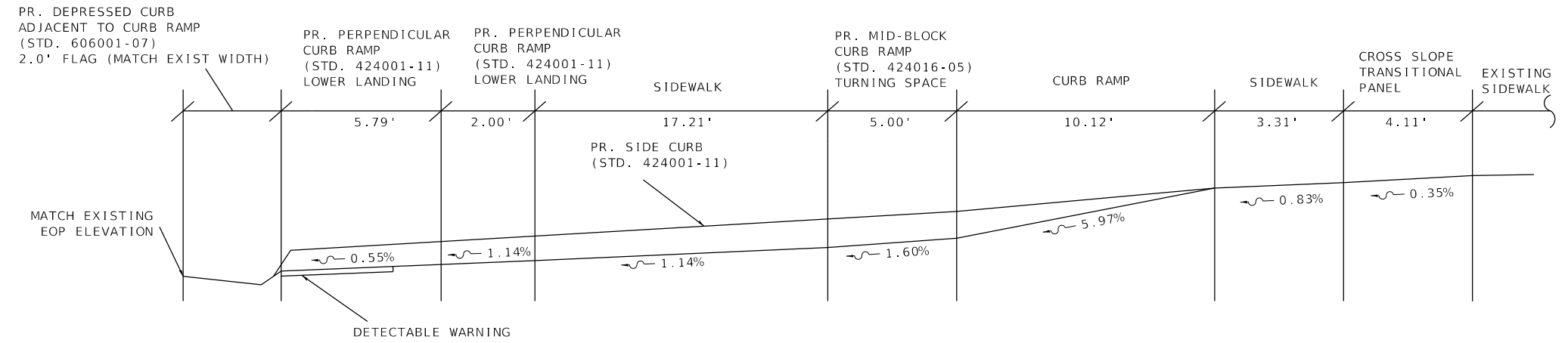
SIDEWALK RAMP DETAILS:
RAMP 70

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	50
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

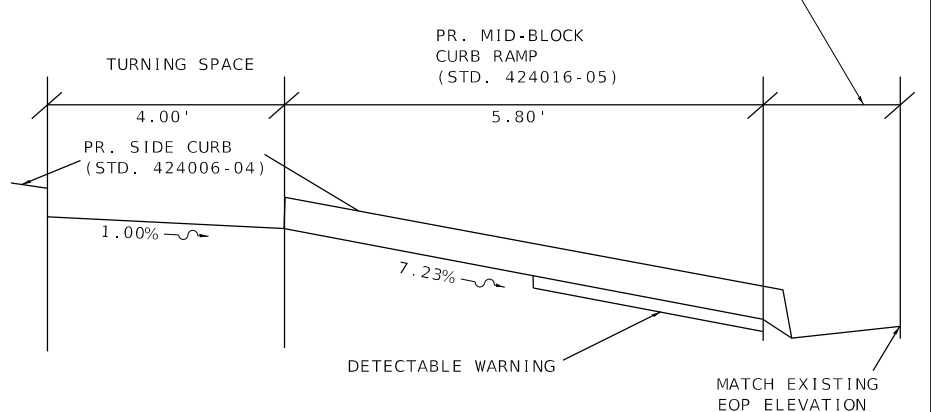


- NOTES**
- ALL SIDEWALK WIDTHS ARE 5' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
 - DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
 - PROPOSED SIDE CURB PER STD 424001-11 AND STD 424016-05 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

RAMP 75 SECTION



RAMP 80 SECTION



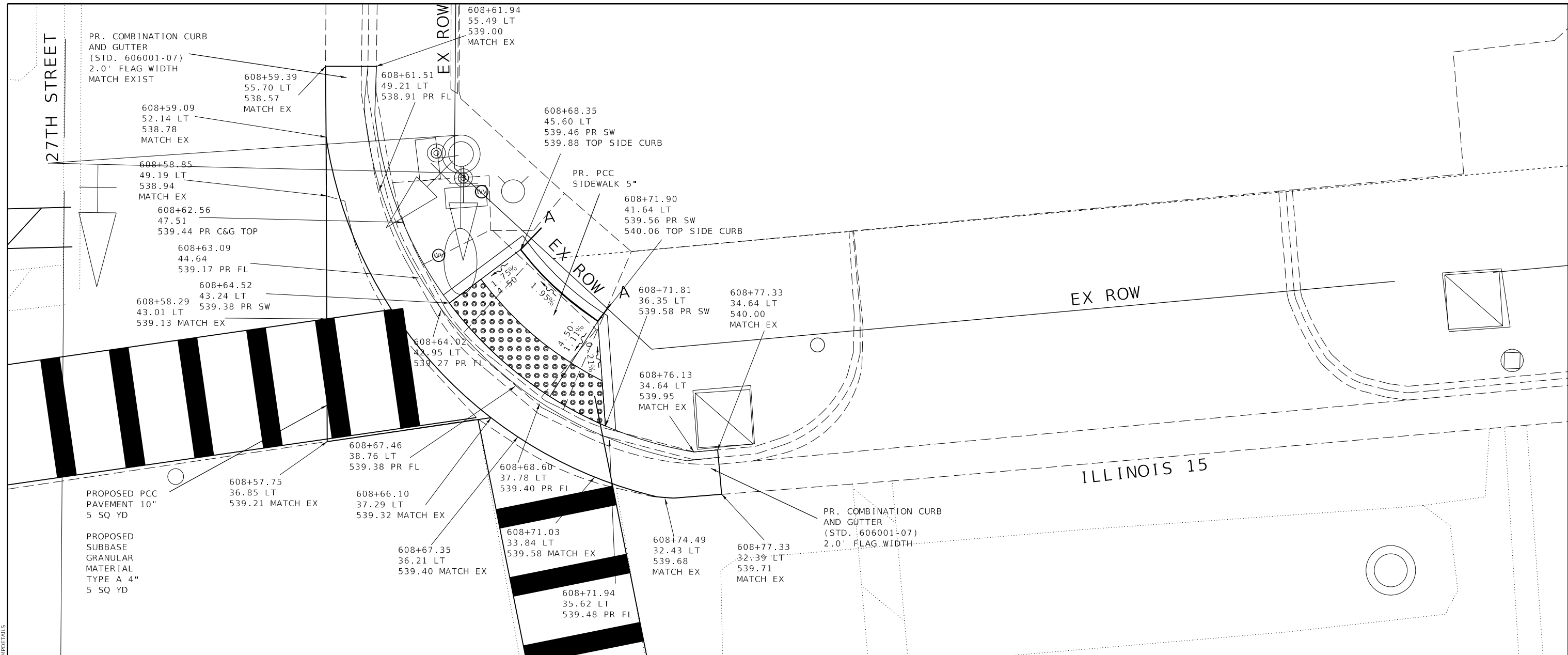
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	DRAWN -	REVISED -
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PLOT DATE = 5/12/2020	DATE -	REVISED -

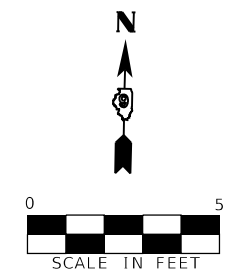
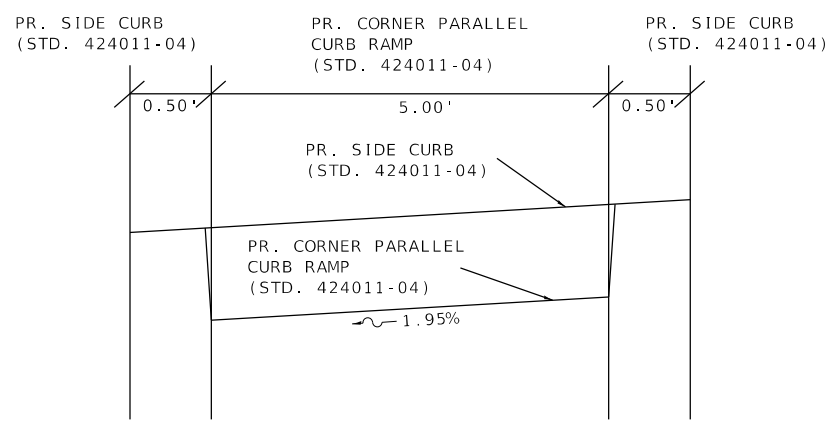
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS: RAMPS 75 AND 80				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	51
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



RAMP 100 SECTION A-A



- NOTES**
- ALL SIDEWALK WIDTHS ARE 5' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ARE ACCORDING TO (IL15).
 - DUE TO THE OVERLAYING OF EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN EITHER SIDE OF CURB RAMP TO ADJUST FOR CURB RAMP IMPROVEMENTS.
 - PROPOSED SIDE CURB PER STD 424011-04 SHALL BE INCLUDED IN THE COST OF PAY ITEM PORTLAND CEMENT CONCRETE SIDEWALK 5".

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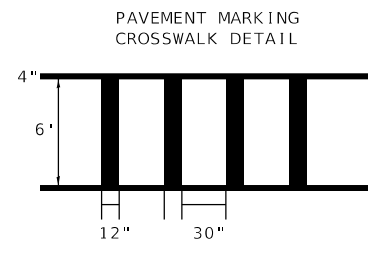
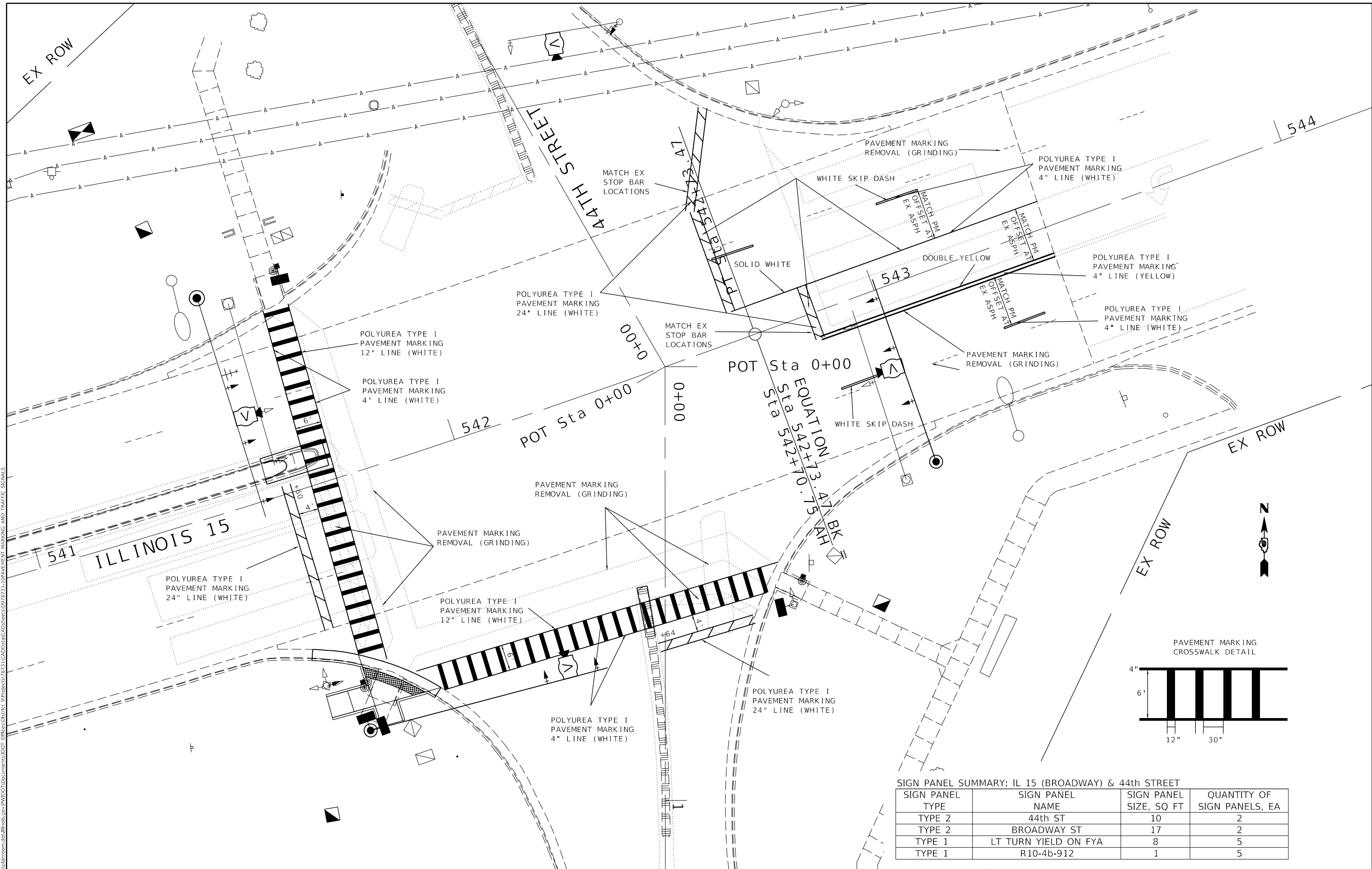
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PLOT DATE = 5/12/2020	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS: RAMP 100	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	54
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 78731
 DRAWING: 78731-10-PAVEMENT MARKING AND TRAFFIC SIGNALS
 SHEET: 99



SIGN PANEL SUMMARY: IL 15 (BROADWAY) & 44th STREET

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS, EA
TYPE 2	44th ST	10	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	5
TYPE 1	R10-4b-912	1	5

USER NAME = TaylorND	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 "/math>in.</math>	DRAWN -	REVISED -
PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

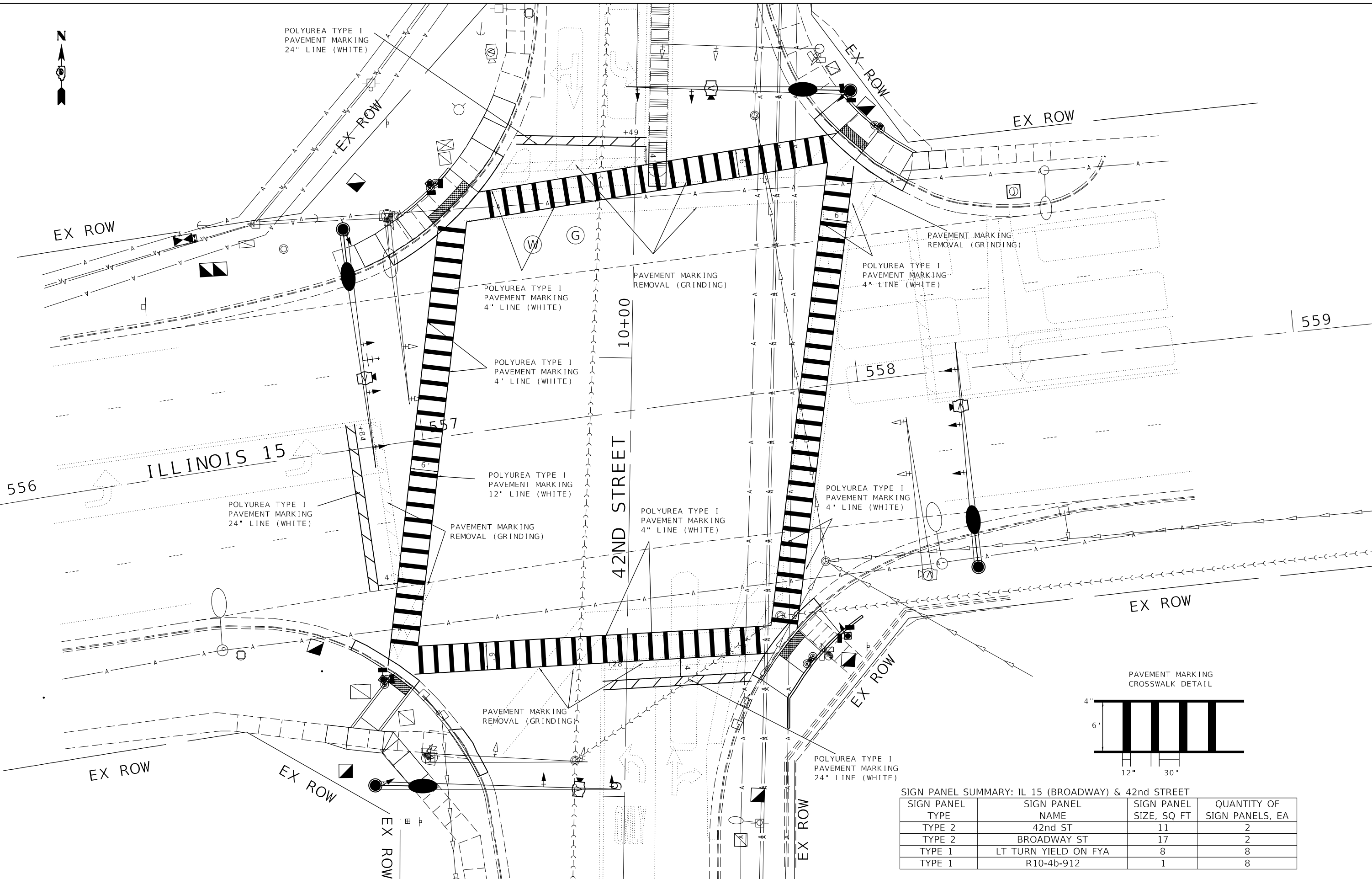
PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

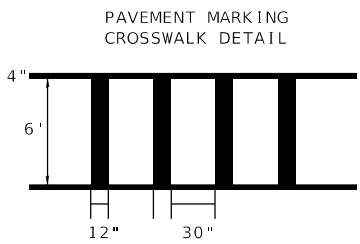
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	56
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



POLYUREA TYPE I
PAVEMENT MARKING
24" LINE (WHITE)



MODEL: Default
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SIGN PANEL SUMMARY: IL 15 (BROADWAY) & 42nd STREET

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS, EA
TYPE 2	42nd ST	11	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	8
TYPE 1	R10-4b-912	1	8

USER NAME = TaylorND	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



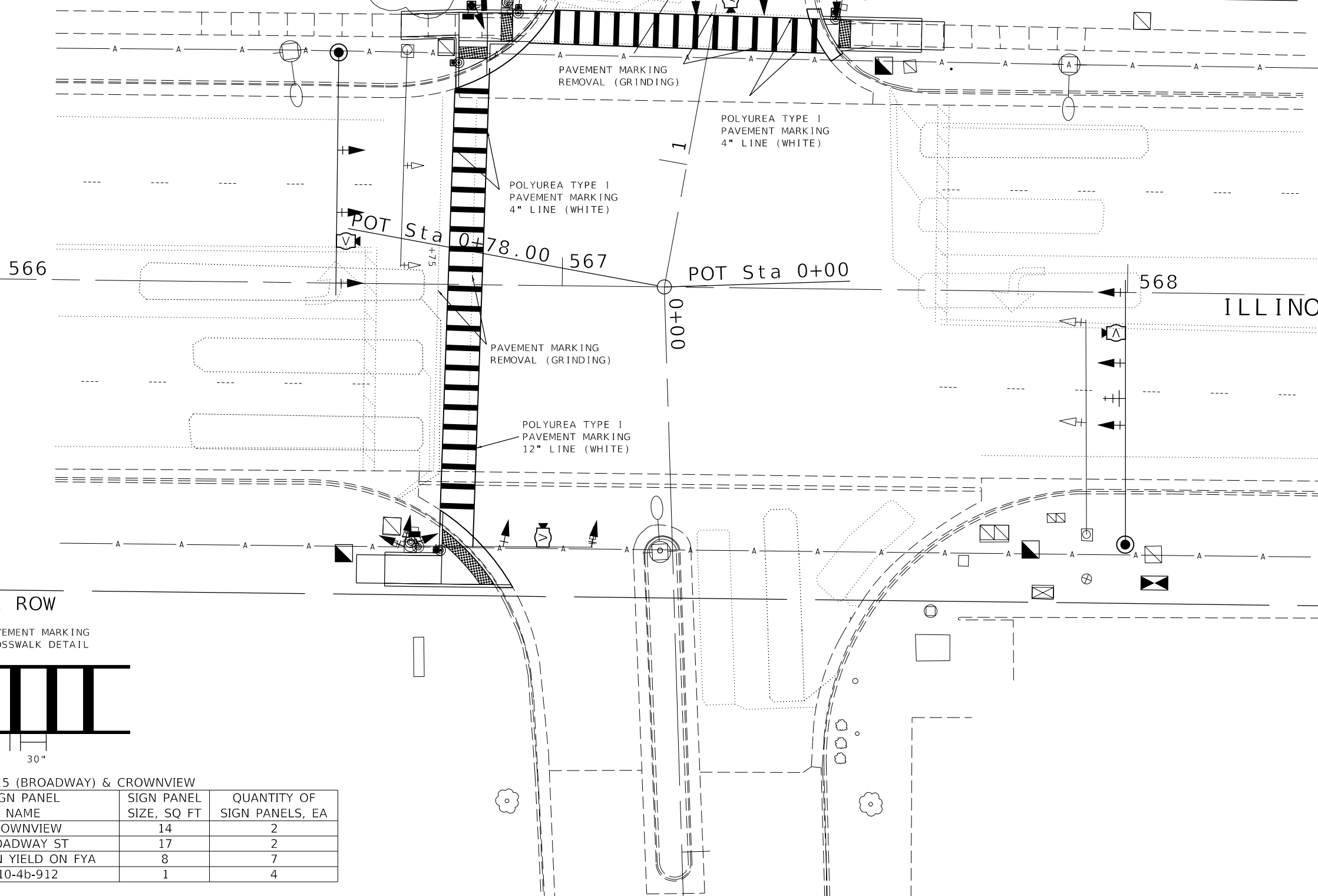
EX ROW

EX ROW

CROWNVIEW DR

EX ROW

EX ROW



566

567

POT Sta 0+00

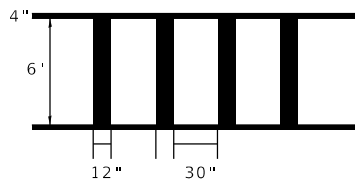
568

ILLINOIS 15

0+00

EX ROW

PAVEMENT MARKING CROSSWALK DETAIL



SIGN PANEL SUMMARY: IL 15 (BROADWAY) & CROWNVIEW

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS, EA
TYPE 2	CROWNVIEW	14	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	7
TYPE 1	R10-4b-912	1	4

USER NAME = TaylorND	DESIGNED -	REVISED -
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PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

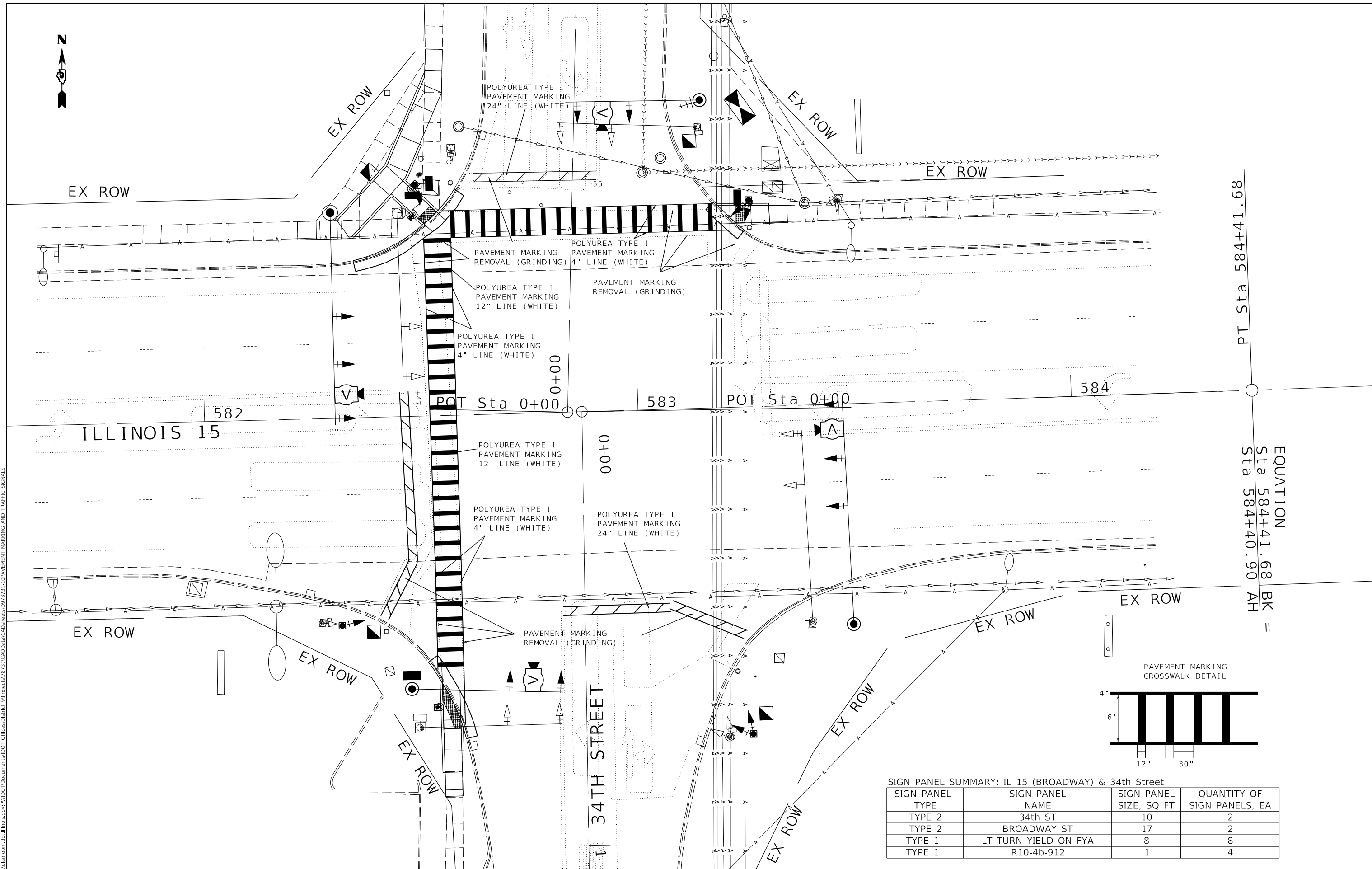
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	58
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

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EQUATION
 Sta 584+41.68 BK =
 AH Sta 584+40.96

SIGN PANEL SUMMARY: IL 15 (BROADWAY) & 34th Street

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS, EA
TYPE 2	34th ST	10	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	8
TYPE 1	R10-4b-912	1	4

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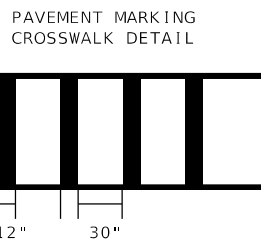
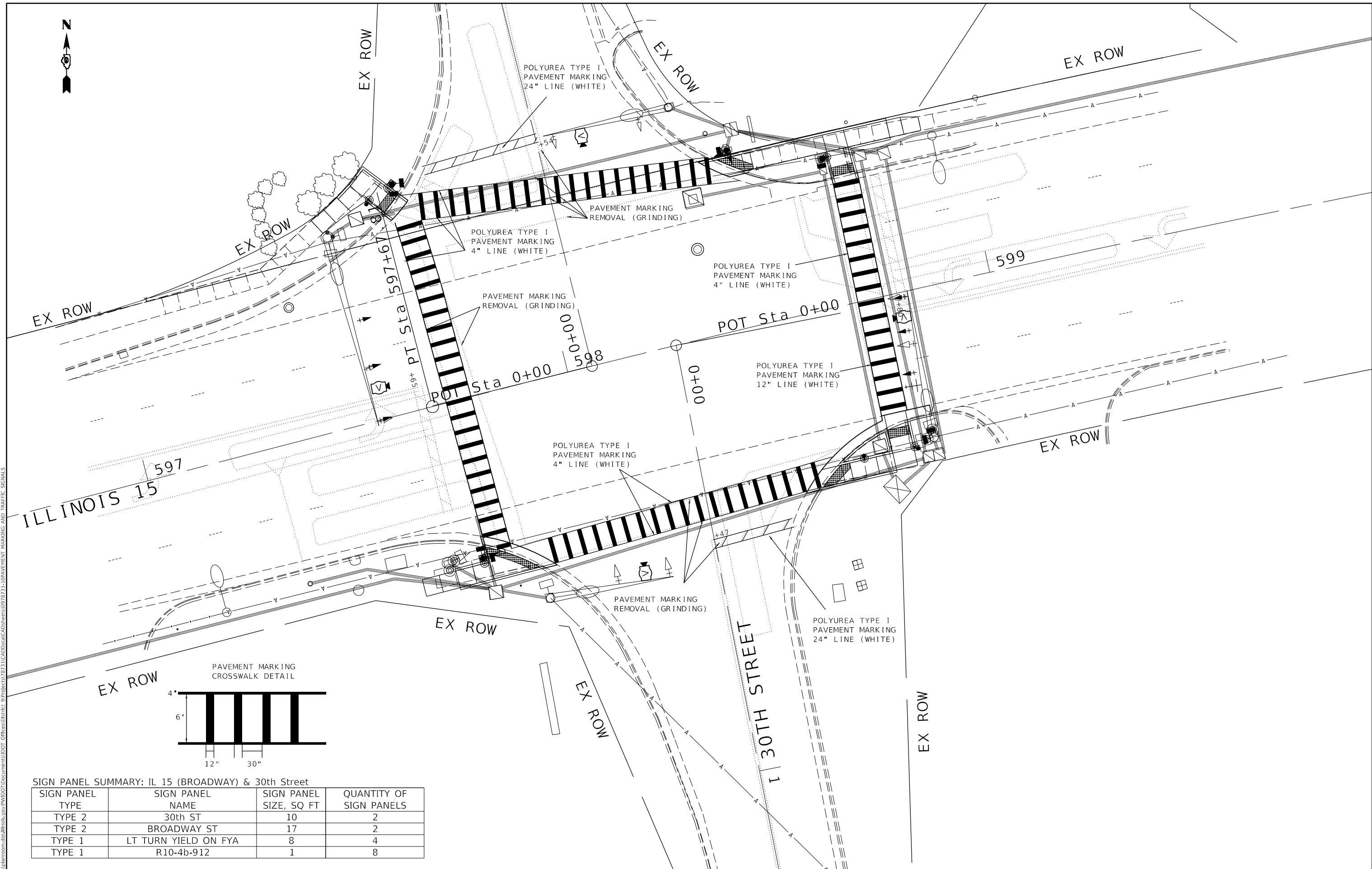
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	59
CONTRACT NO. 78731				
ILLINOIS		FED. AID PROJECT		



SIGN PANEL SUMMARY: IL 15 (BROADWAY) & 30th Street

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS
TYPE 2	30th ST	10	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	4
TYPE 1	R10-4b-912	1	8

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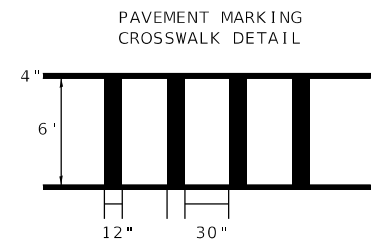
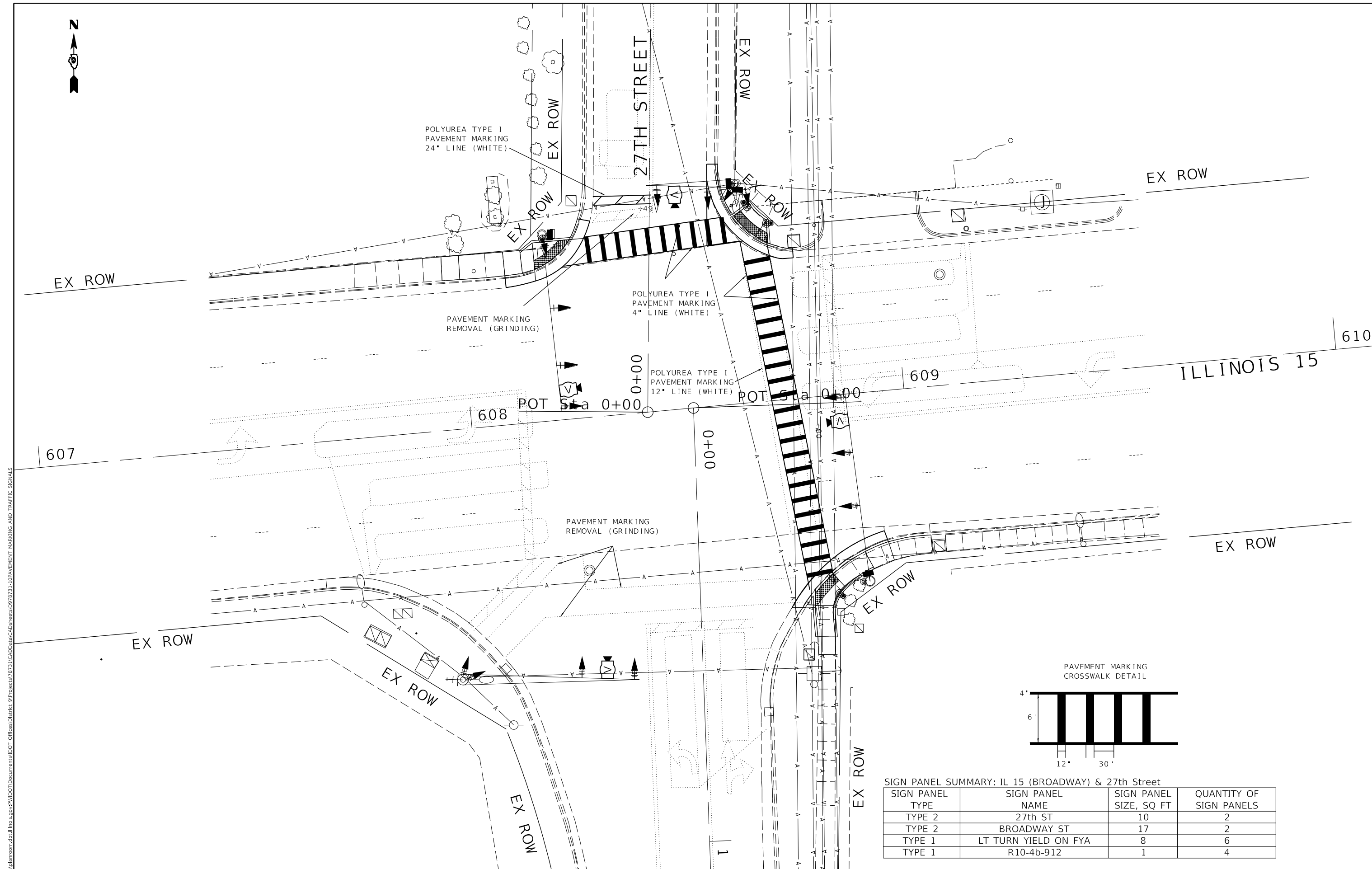
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	60
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



SIGN PANEL SUMMARY: IL 15 (BROADWAY) & 27th Street

SIGN PANEL TYPE	SIGN PANEL NAME	SIGN PANEL SIZE, SQ FT	QUANTITY OF SIGN PANELS
TYPE 2	27th ST	10	2
TYPE 2	BROADWAY ST	17	2
TYPE 1	LT TURN YIELD ON FYA	8	6
TYPE 1	R10-4b-912	1	4

MODEL: Default
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USER NAME = TaylorND	DESIGNED -	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	61
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

EXISTING TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

	EXISTING CABLE NUMBER *=CABLE NUMBER
	SIGNAL SECTION - SOLID RED
	SIGNAL SECTION - SOLID YELLOW
	SIGNAL SECTION - SOLID GREEN
	SIGNAL SECTION - LEFT TURN RED
	SIGNAL SECTION - LEFT TURN YELLOW
	SIGNAL SECTION - LEFT TURN GREEN
	WALK/DON'T WALK SECTION PEDESTRIAN SIGNAL HEAD
	TRAFFIC SIGNAL BACKPLATE
	TRAFFIC DETECTOR LOOP # SIGNAL PHASE
	EXISTING UNDERGROUND CONDUIT
EX-MA	EXISTING MAST ARM
EX-HH	EXISTING HANDHOLE
EX-SP	EXISTING SIGNAL POLE
EX-GJ	EXISTING GULF JUNCTION BOX
EX-MP	EXISTING MAST POLE
EX-PP	EXISTING PEDESTRIAN PUSH BUTTON POST

PROPOSED TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

	PROPOSED CABLE NUMBER *=CABLE NUMBER
	SIGNAL SECTION - SOLID RED
	SIGNAL SECTION - SOLID YELLOW
	SIGNAL SECTION - SOLID GREEN
	SIGNAL SECTION - LEFT TURN RED
	SIGNAL SECTION - LEFT TURN FLASHING YELLOW
	SIGNAL SECTION - LEFT TURN YELLOW
	SIGNAL SECTION - LEFT TURN GREEN
	WALK/DON'T WALK SECTION PEDESTRIAN SIGNAL HEAD
	TRAFFIC SIGNAL BACKPLATE
	PROPOSED UNDERGROUND CONDUIT
	SINGLE LUMINAIRE NUMBER INDICATED ON DRAWING DENOTES FIXTURE NUMBER
	VIDEO VEHICLE DETECTION

PROPOSED TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

	MAST ARM
	HANDHOLE
	DOUBLE HANDHOLE
	SIGNAL POLE
	GULF JUNCTION BOX
	PEDESTRIAN PUSH BUTTON POST
	TERMINAL BLOCK
	MASTER CONTROLLER LOCATION
	RADIO TRANSCEIVER

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USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL LEGEND

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	62
				CONTRACT NO. 78731
		ILLINOIS	FED. AID PROJECT	

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
2. THE REMOVAL OF LUMINAIRES LOCATED ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.
3. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CITY OF MT. VERNON.
4. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.
5. EXISTING CONDUITS AND ELECTRIC CABLES SHALL BE DISCONNECTED AT THE EXISTING HANDHOLES AND SIGNAL FOUNDATIONS. ANY CONDUIT AND ELECTRICAL CABLE OUTSIDE THESE LOCATIONS SHALL BE TERMINATED AND ABANDONED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING HANDHOLE AND REMOVE EXISTING CONCRETE FOUNDATION" AND WILL NOT BE PAID FOR SEPARATELY.

PROPOSED TRAFFIC SIGNAL NOTES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. 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 UTILITES SHALL BE APPROVED BY THE ENGINEER. 2. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS. 3. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TYPE E. 4. CONDUIT SPLICES MADE AT PROPOSED LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO "UNDERGROUND CONDUIT, TYPE, SIZE." IT WILL NOT BE PAID SEPARATELY. 5. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED. | <ol style="list-style-type: none"> 6. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN THE POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL. 7. THE INTERSECTIONS OF SHILOH ROAD, AND RAMPS WEST OF INTERSTATE 57 ON ILLINOIS 15 SHALL HAVE THE PAY ITEMS MODIFY CONTROLLER, RADIO TRANSCEIVER, AND ETHERNET SWITCH ADDED TO EACH INTERSECTION. THE INTERSECTION SHALL HAVE EQUIPMENT ADDED TO ALLOW FOR RADIO TRANSCEIVERS INSTALLED AND COMMUNICATING TO A CELLULAR MODEM. 8. THE INTERSECTIONS OF 27TH STREET AND RAMPS EAST OF INTERSTATE 57 ON ILLINOIS 15 SHALL HAVE THE PAY ITEM CONTROLLER (SPECIAL) TO FURNISH AND INSTALL NEW TRAFFIC ACTUATED SOLID STATE DIGITAL CONTROLLER AND A NEW CONFLICT MONITOR . 9. THE INTERSECTIONS OF DAVIDSON AVENUE, AND THE RAMPS EAST OF INTERSTATE 57 ON ILLINOIS 15, SHALL HAVE THE PAY ITEMS TRANCEIVER (SPECIAL), MODIFY CONTROLLER, AND ETHERNET SWITCH ADDED TO EACH INTERSECTION. THE INTERSECTION SHALL HAVE EQUIPMENT ADDED TO ALLOW FOR TRANSCEIVER (SPECIAL) INSTALLED AND COMMUNICATING TO A CELLULAR MODEM. 10. THE INTERSECTIONS OF SHILOH ROAD, DAVIDSON AVENUE, POTOMAC AVENUE, THE RAMPS WEST OF INTERSTATE 57 ON ILLINOIS 15, AND THE RAMPS EAST OF INTERSTATE 57 ON ILLININOIS 15 SHALL HAVE THE PAY ITEM UNINTERRUPTABLE POWER SUPPLY EXTENDED ADDED TO THE EXISTING TRAFFIC CONTROL CABINET. ANY CABLES, WIRE, OR CONDUIT ASSOCIATED WITH THIS PAY ITEM SHALL BE CONSIDERED INCIDENTAL. |
|--|--|

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	USER NAME = TaylorND	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	63
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	PLOT DATE = 5/13/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



NOTE:
REMOVAL OF ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS
FOR THE ENTIRE PROJECT WILL BE PAID FOR AS
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EACH.
REFER TO SPECIAL PROVISIONS.

EX MAST ARM ASSEMBLY
AND POLE TO BE REMOVED

EX MAST ARM ASSEMBLY
AND POLE TO BE REMOVED

ILLINOIS 15
541

SIGN REMOVAL SUMMARY: 44TH STREET & ILLINOIS 15

INTERSECTING STREET	QUADRANT	DIRECTION SIGN FACING	SIGN TO BE REMOVED
44TH STREET	NW	EAST	LEFT TURN YIELD ON GREEN
44TH STREET	SE	WEST	LEFT TURN YIELD ON GREEN

REMOVAL SUMMARY: 44TH STREET & ILLINOIS 15

ITEMS TO BE REMOVED	
TRAFFIC SIGNAL CONTROLLER CABINET	1
MAST ARM ASSEMBLY & POLE	2
SIGNAL HEAD, 3 SECTION	2
SIGNAL HEAD, 5 SECTION	4
REMOVE EXISTING HANDHOLE	3
REMOVE EXISTING DOUBLE HANDHOLE	1
REMOVE EXISTING CONCRETE FOUNDATION	3

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNALS
IL 15/44TH STREET

USER NAME = TaylorND	DESIGNED -	REVISED -
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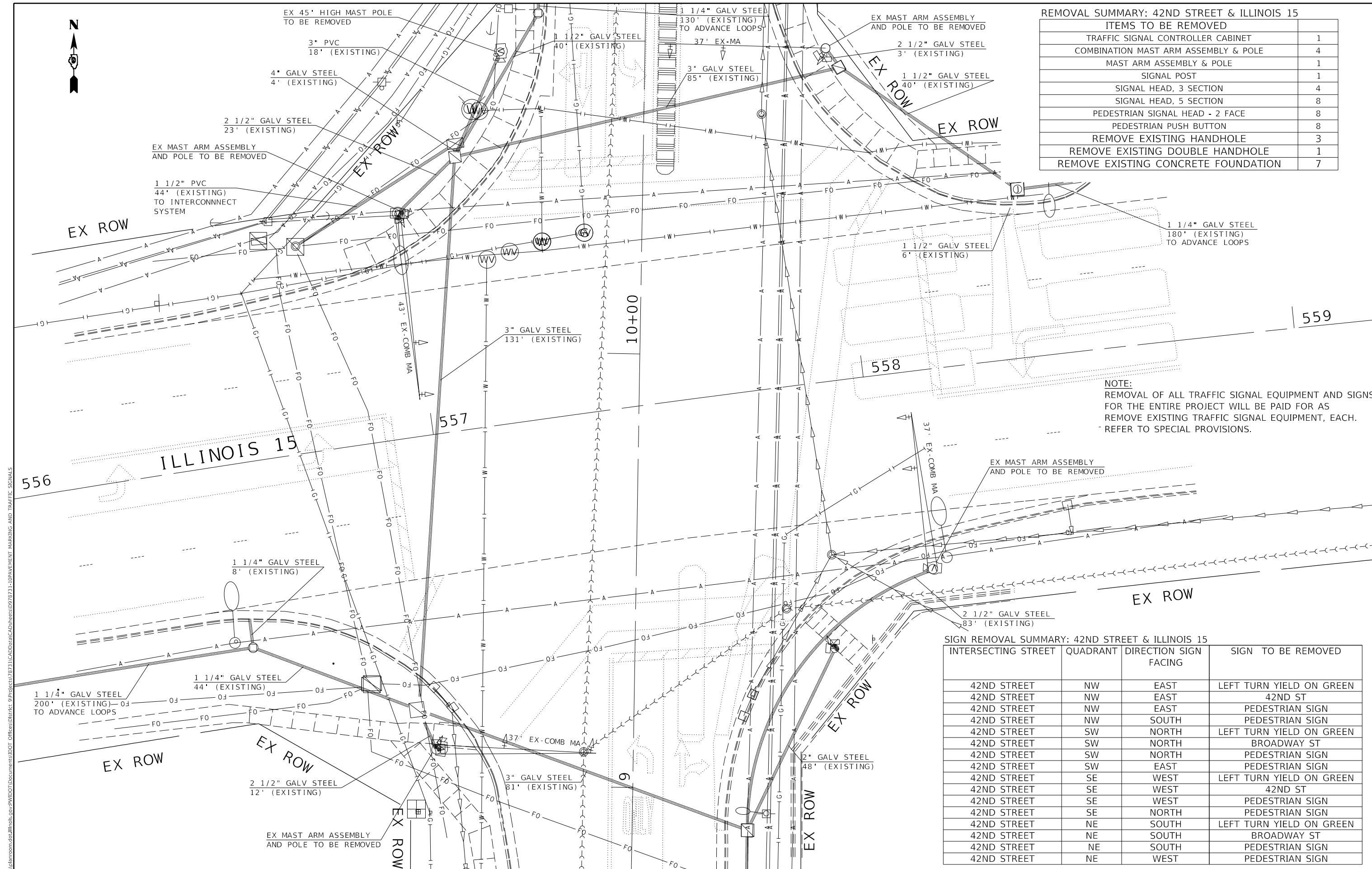
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	64
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



REMOVAL SUMMARY: 42ND STREET & ILLINOIS 15

ITEMS TO BE REMOVED	
TRAFFIC SIGNAL CONTROLLER CABINET	1
COMBINATION MAST ARM ASSEMBLY & POLE	4
MAST ARM ASSEMBLY & POLE	1
SIGNAL POST	1
SIGNAL HEAD, 3 SECTION	4
SIGNAL HEAD, 5 SECTION	8
PEDESTRIAN SIGNAL HEAD - 2 FACE	8
PEDESTRIAN PUSH BUTTON	8
REMOVE EXISTING HANDHOLE	3
REMOVE EXISTING DOUBLE HANDHOLE	1
REMOVE EXISTING CONCRETE FOUNDATION	7



NOTE:
REMOVAL OF ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS FOR THE ENTIRE PROJECT WILL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EACH. REFER TO SPECIAL PROVISIONS.

SIGN REMOVAL SUMMARY: 42ND STREET & ILLINOIS 15

INTERSECTING STREET	QUADRANT	DIRECTION SIGN FACING	SIGN TO BE REMOVED
42ND STREET	NW	EAST	LEFT TURN YIELD ON GREEN
42ND STREET	NW	EAST	42ND ST
42ND STREET	NW	EAST	PEDESTRIAN SIGN
42ND STREET	NW	SOUTH	PEDESTRIAN SIGN
42ND STREET	SW	NORTH	LEFT TURN YIELD ON GREEN
42ND STREET	SW	NORTH	BROADWAY ST
42ND STREET	SW	NORTH	PEDESTRIAN SIGN
42ND STREET	SW	EAST	PEDESTRIAN SIGN
42ND STREET	SE	WEST	LEFT TURN YIELD ON GREEN
42ND STREET	SE	WEST	42ND ST
42ND STREET	SE	WEST	PEDESTRIAN SIGN
42ND STREET	SE	NORTH	PEDESTRIAN SIGN
42ND STREET	NE	SOUTH	LEFT TURN YIELD ON GREEN
42ND STREET	NE	SOUTH	BROADWAY ST
42ND STREET	NE	SOUTH	PEDESTRIAN SIGN
42ND STREET	NE	WEST	PEDESTRIAN SIGN

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USER NAME = TaylorND	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 5/12/2020	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

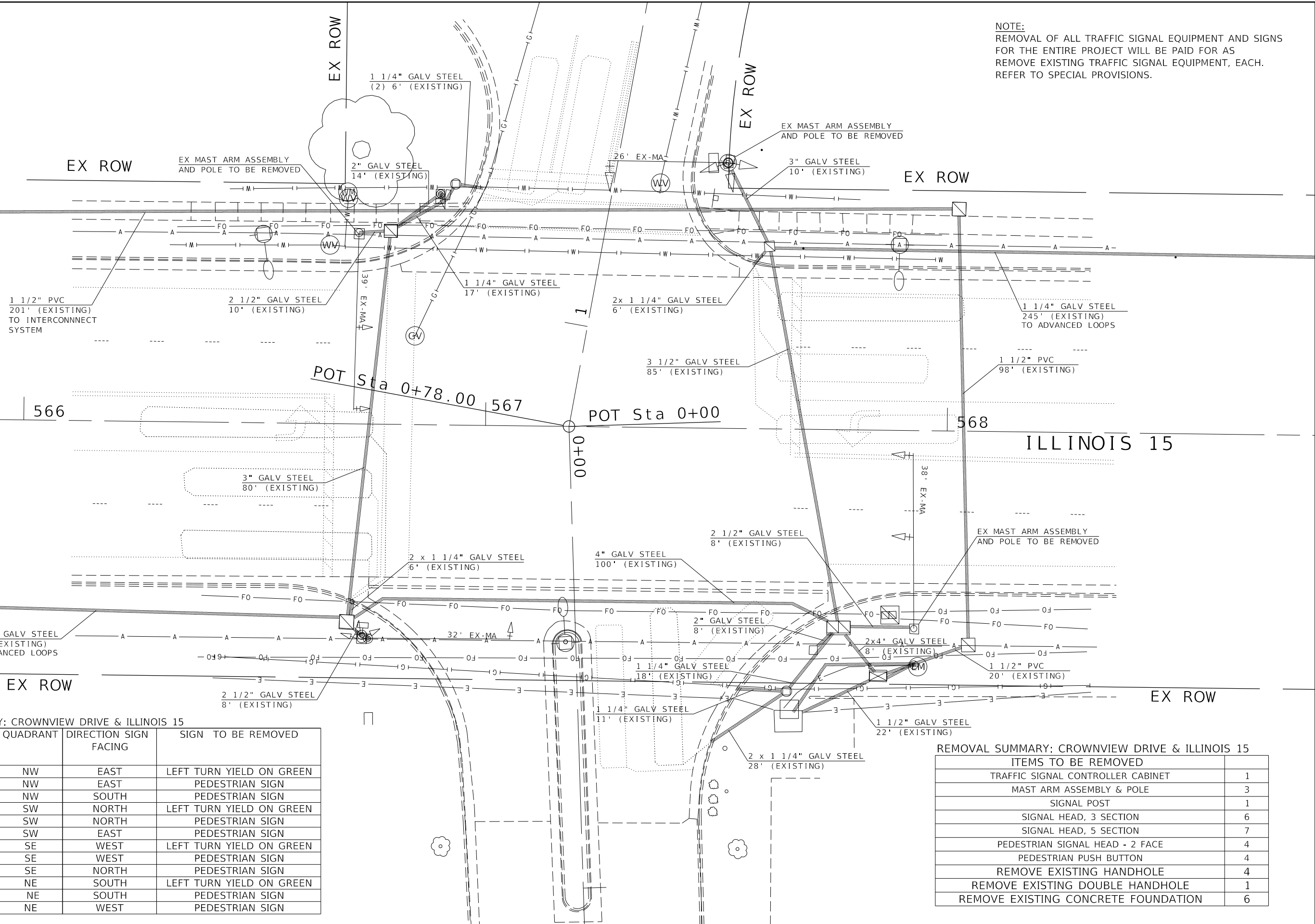
**EXISTING TRAFFIC SIGNALS
IL 15/42ND STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	65
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



NOTE:
REMOVAL OF ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS FOR THE ENTIRE PROJECT WILL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EACH. REFER TO SPECIAL PROVISIONS.



SIGN REMOVAL SUMMARY: CROWNVIEW DRIVE & ILLINOIS 15

INTERSECTING STREET	QUADRANT	DIRECTION SIGN FACING	SIGN TO BE REMOVED
CROWNVIEW DR	NW	EAST	LEFT TURN YIELD ON GREEN
CROWNVIEW DR	NW	EAST	PEDESTRIAN SIGN
CROWNVIEW DR	NW	SOUTH	PEDESTRIAN SIGN
CROWNVIEW DR	SW	NORTH	LEFT TURN YIELD ON GREEN
CROWNVIEW DR	SW	NORTH	PEDESTRIAN SIGN
CROWNVIEW DR	SW	EAST	PEDESTRIAN SIGN
CROWNVIEW DR	SE	WEST	LEFT TURN YIELD ON GREEN
CROWNVIEW DR	SE	WEST	PEDESTRIAN SIGN
CROWNVIEW DR	SE	NORTH	PEDESTRIAN SIGN
CROWNVIEW DR	NE	SOUTH	LEFT TURN YIELD ON GREEN
CROWNVIEW DR	NE	SOUTH	PEDESTRIAN SIGN
CROWNVIEW DR	NE	WEST	PEDESTRIAN SIGN

REMOVAL SUMMARY: CROWNVIEW DRIVE & ILLINOIS 15

ITEMS TO BE REMOVED	QUANTITY
TRAFFIC SIGNAL CONTROLLER CABINET	1
MAST ARM ASSEMBLY & POLE	3
SIGNAL POST	1
SIGNAL HEAD, 3 SECTION	6
SIGNAL HEAD, 5 SECTION	7
PEDESTRIAN SIGNAL HEAD - 2 FACE	4
PEDESTRIAN PUSH BUTTON	4
REMOVE EXISTING HANDHOLE	4
REMOVE EXISTING DOUBLE HANDHOLE	1
REMOVE EXISTING CONCRETE FOUNDATION	6

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FILE: \\nas01\pub\baronm\ada\illinois\pvc\WIDOT\Documents\DOT_Offices\Ill15\150\PAVEMENT MARKING AND TRAFFIC SIGNALS

USER NAME = TaylorND	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNALS
IL 15/CROWNVIEW DRIVE

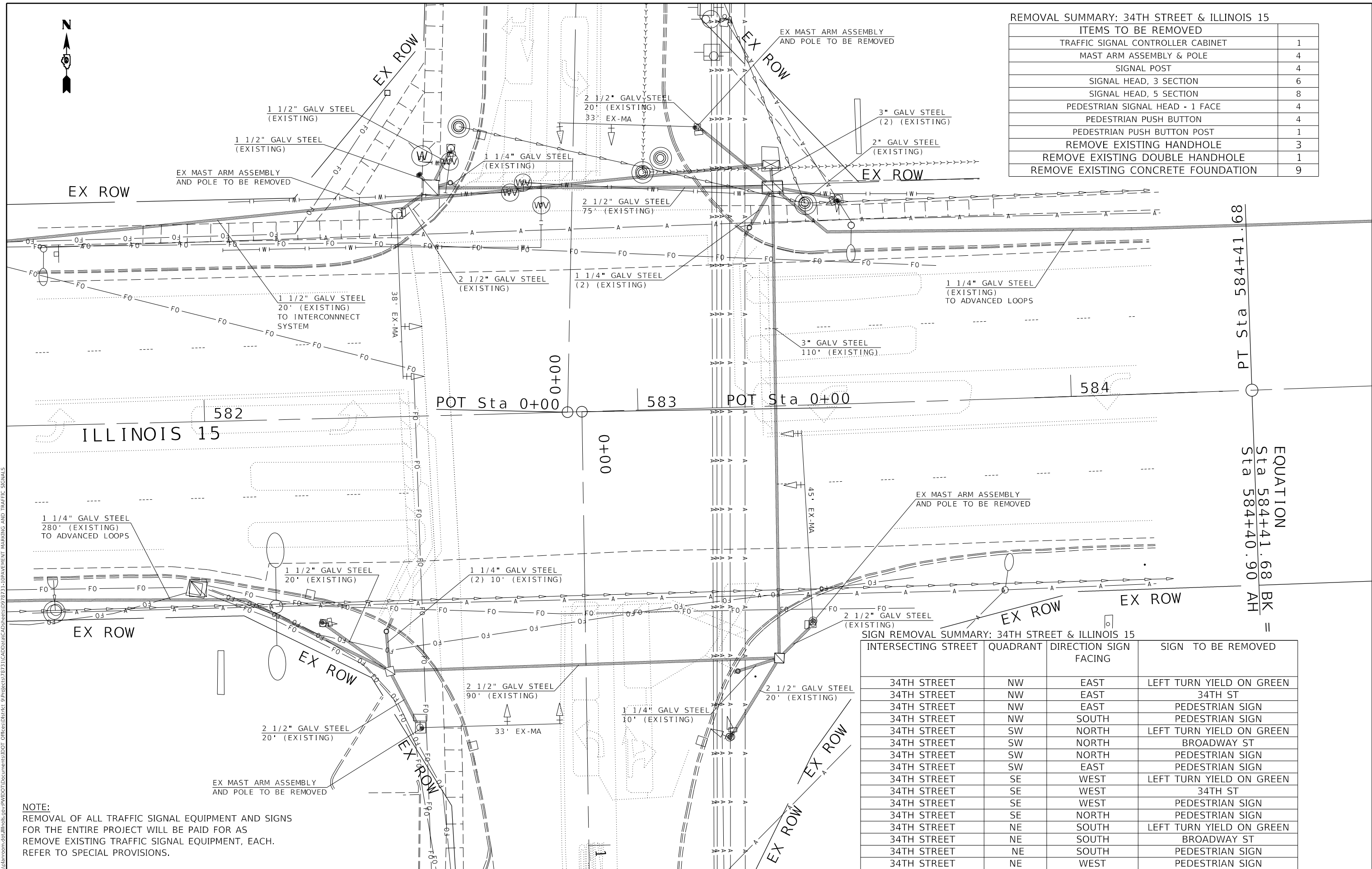
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	66
CONTRACT NO. 78731				
ILLINOIS		FED. AID PROJECT		



REMOVAL SUMMARY: 34TH STREET & ILLINOIS 15

ITEMS TO BE REMOVED	
TRAFFIC SIGNAL CONTROLLER CABINET	1
MAST ARM ASSEMBLY & POLE	4
SIGNAL POST	4
SIGNAL HEAD, 3 SECTION	6
SIGNAL HEAD, 5 SECTION	8
PEDESTRIAN SIGNAL HEAD - 1 FACE	4
PEDESTRIAN PUSH BUTTON	4
PEDESTRIAN PUSH BUTTON POST	1
REMOVE EXISTING HANDHOLE	3
REMOVE EXISTING DOUBLE HANDHOLE	1
REMOVE EXISTING CONCRETE FOUNDATION	9



SIGN REMOVAL SUMMARY: 34TH STREET & ILLINOIS 15

INTERSECTING STREET	QUADRANT	DIRECTION SIGN FACING	SIGN TO BE REMOVED
34TH STREET	NW	EAST	LEFT TURN YIELD ON GREEN
34TH STREET	NW	EAST	34TH ST
34TH STREET	NW	EAST	PEDESTRIAN SIGN
34TH STREET	NW	SOUTH	PEDESTRIAN SIGN
34TH STREET	SW	NORTH	LEFT TURN YIELD ON GREEN
34TH STREET	SW	NORTH	BROADWAY ST
34TH STREET	SW	NORTH	PEDESTRIAN SIGN
34TH STREET	SW	EAST	PEDESTRIAN SIGN
34TH STREET	SE	WEST	LEFT TURN YIELD ON GREEN
34TH STREET	SE	WEST	34TH ST
34TH STREET	SE	WEST	PEDESTRIAN SIGN
34TH STREET	SE	NORTH	PEDESTRIAN SIGN
34TH STREET	NE	SOUTH	LEFT TURN YIELD ON GREEN
34TH STREET	NE	SOUTH	BROADWAY ST
34TH STREET	NE	SOUTH	PEDESTRIAN SIGN
34TH STREET	NE	WEST	PEDESTRIAN SIGN

NOTE:
 REMOVAL OF ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS FOR THE ENTIRE PROJECT WILL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EACH. REFER TO SPECIAL PROVISIONS.

USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

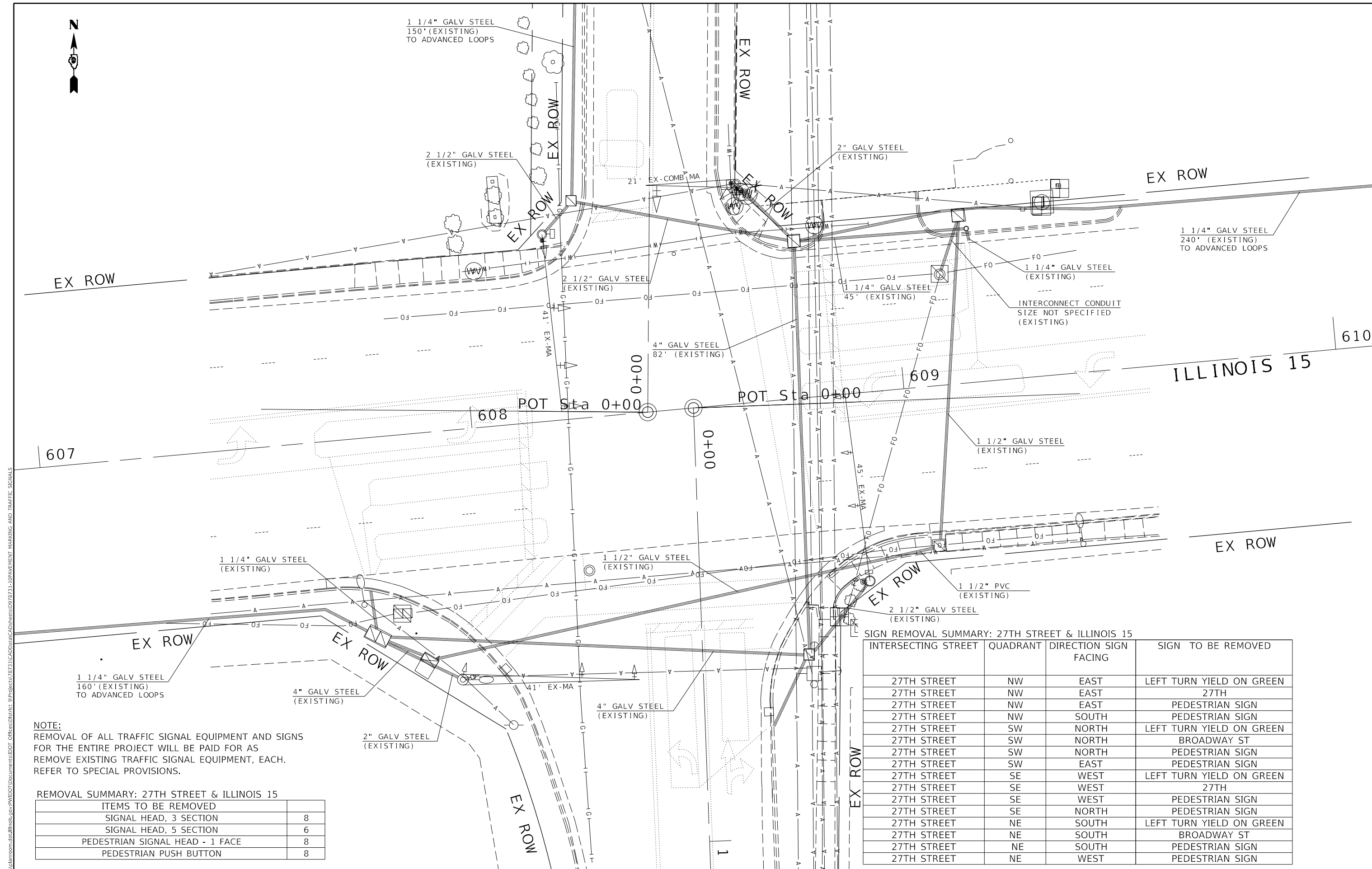
EXISTING TRAFFIC SIGNALS
 IL 15/34TH STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	67
CONTRACT NO. 78731				

EQUATION
 Sta 584+41.68 BK
 Sta 584+40.90 AH

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NOTE:
 REMOVAL OF ALL TRAFFIC SIGNAL EQUIPMENT AND SIGNS FOR THE ENTIRE PROJECT WILL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EACH. REFER TO SPECIAL PROVISIONS.

REMOVAL SUMMARY: 27TH STREET & ILLINOIS 15

ITEMS TO BE REMOVED	QUANTITY
SIGNAL HEAD, 3 SECTION	8
SIGNAL HEAD, 5 SECTION	6
PEDESTRIAN SIGNAL HEAD - 1 FACE	8
PEDESTRIAN PUSH BUTTON	8

SIGN REMOVAL SUMMARY: 27TH STREET & ILLINOIS 15

INTERSECTING STREET	QUADRANT	DIRECTION SIGN FACING	SIGN TO BE REMOVED
27TH STREET	NW	EAST	LEFT TURN YIELD ON GREEN
27TH STREET	NW	EAST	27TH
27TH STREET	NW	EAST	PEDESTRIAN SIGN
27TH STREET	NW	SOUTH	PEDESTRIAN SIGN
27TH STREET	SW	NORTH	LEFT TURN YIELD ON GREEN
27TH STREET	SW	NORTH	BROADWAY ST
27TH STREET	SW	NORTH	PEDESTRIAN SIGN
27TH STREET	SW	EAST	PEDESTRIAN SIGN
27TH STREET	SE	WEST	LEFT TURN YIELD ON GREEN
27TH STREET	SE	WEST	27TH
27TH STREET	SE	WEST	PEDESTRIAN SIGN
27TH STREET	SE	NORTH	PEDESTRIAN SIGN
27TH STREET	NE	SOUTH	LEFT TURN YIELD ON GREEN
27TH STREET	NE	SOUTH	BROADWAY ST
27TH STREET	NE	SOUTH	PEDESTRIAN SIGN
27TH STREET	NE	WEST	PEDESTRIAN SIGN

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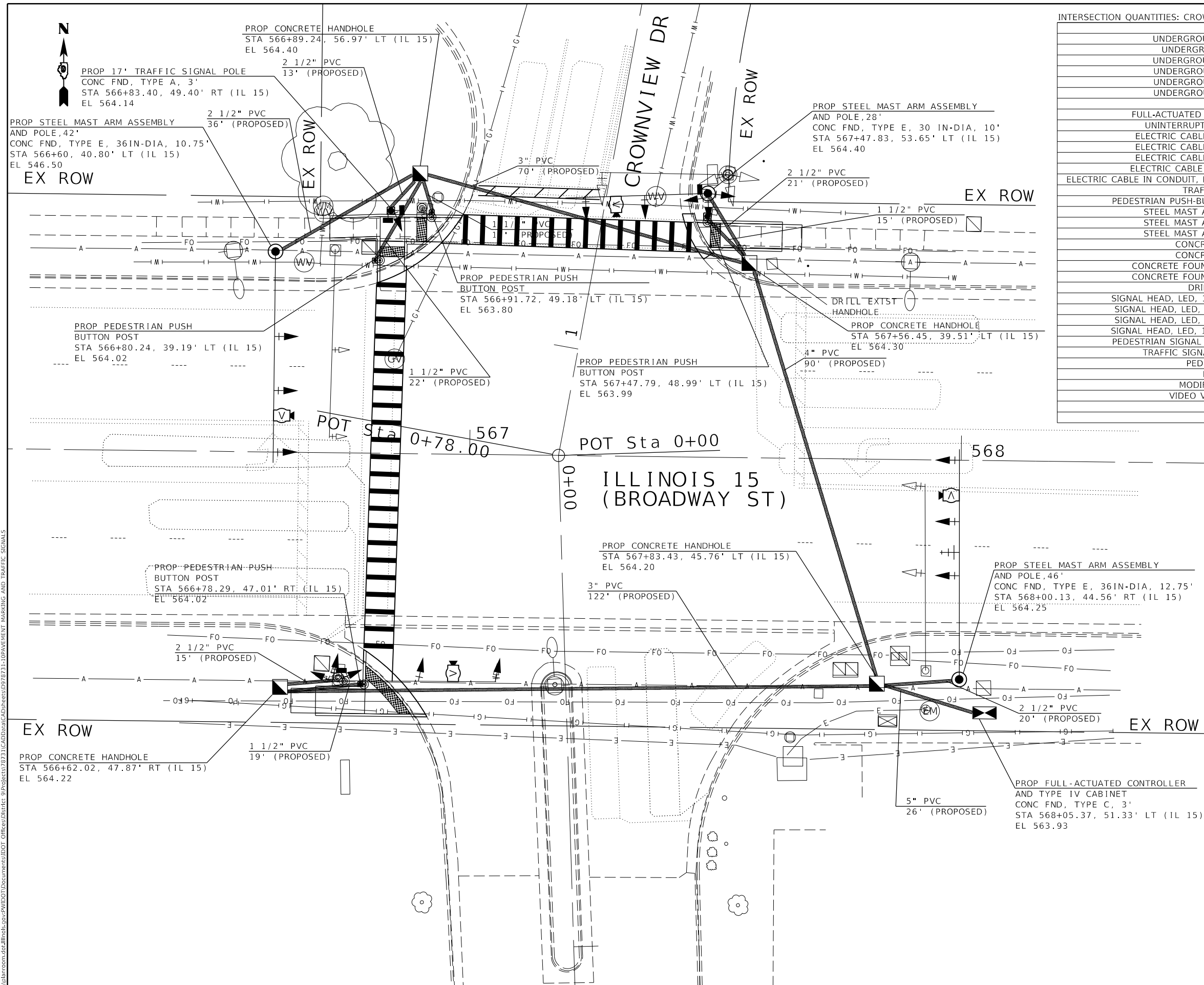
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNALS
 IL 15/27TH STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,T5-1	JEFFERSON	99	69
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



INTERSECTION QUANTITIES: CROWNVIEW & ILLINOIS 15

ITEM	UNIT	QTY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	79
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	34
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	87
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	192
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	90
UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	26
HANDHOLE	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	804
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2051
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1461
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	802
TRAFFIC SIGNAL POST, 17 FT.	EACH	1
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	3
CONCRETE FOUNDATION, TYPE C	FOOT	3
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
PEDESTRIAN PUSH-BUTTON	EACH	4
RADIO TRANSCEIVER	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
ETHERNET SWITCH	EACH	1
CELLULAR MODEM	EACH	1

LEGEND

	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE BRACKET MOUNTED
	RADIO TRANSCEIVER
	HANDHOLE
	TRAFFIC SIGNAL WITH BACKPLATE
	PEDESTRIAN PUSH BUTTON
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED VIDEO DETECTION
	PEDESTRIAN PUSH BUTTON POST
	TRAFFIC SIGNAL POST

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USER NAME = TaylorND	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS
IL 15/CROWNVIEW DRIVE











SCALE: SHEET OF SHEETS STA. TO STA.

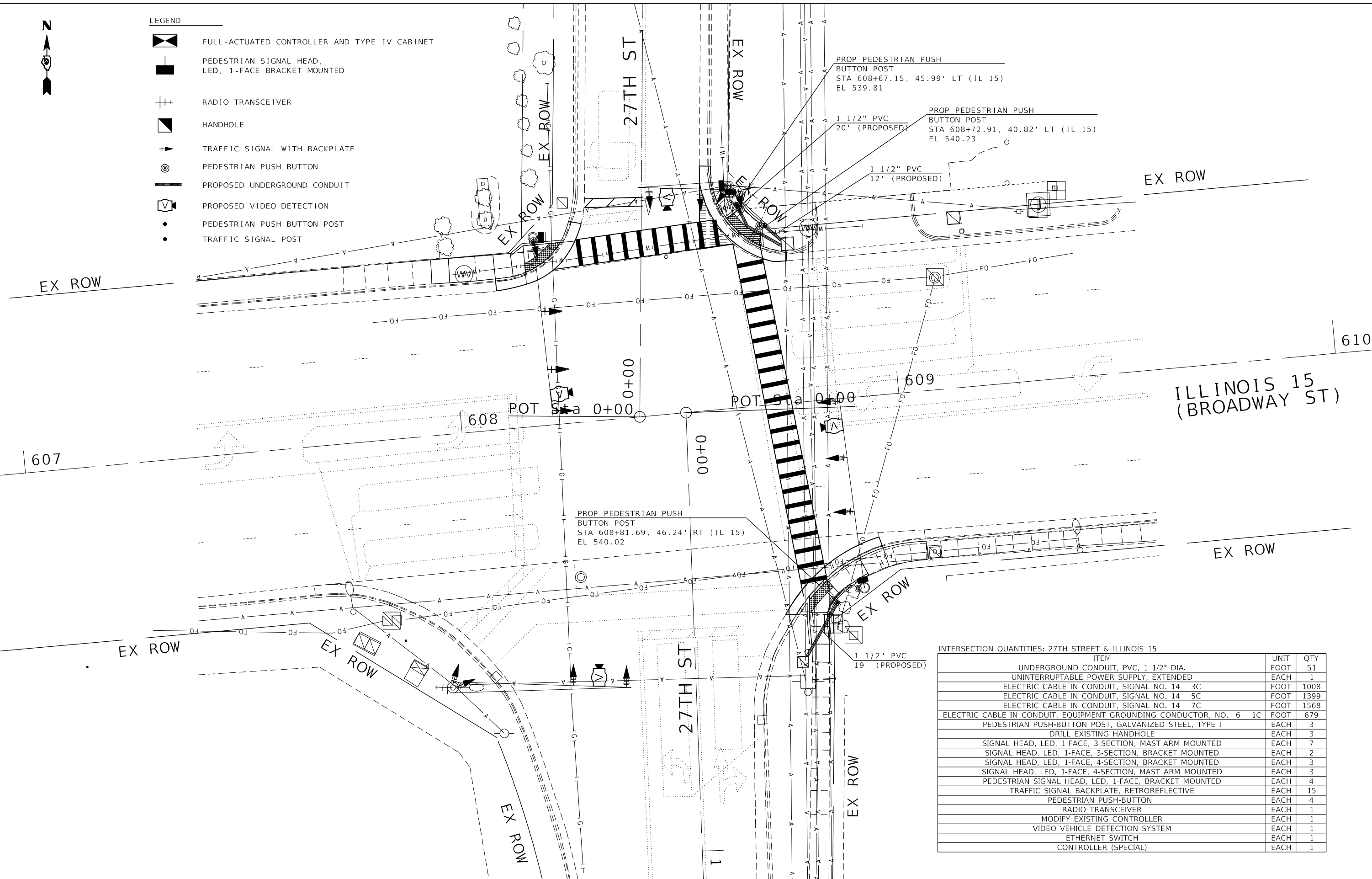
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	72
CONTRACT NO. 78731				

ILLINOIS FED. AID PROJECT



LEGEND

-  FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
-  PEDESTRIAN SIGNAL HEAD, LED, 1-FACE BRACKET MOUNTED
-  RADIO TRANSCEIVER
-  HANDHOLE
-  TRAFFIC SIGNAL WITH BACKPLATE
-  PEDESTRIAN PUSH BUTTON
-  PROPOSED UNDERGROUND CONDUIT
-  PROPOSED VIDEO DETECTION
-  PEDESTRIAN PUSH BUTTON POST
-  TRAFFIC SIGNAL POST



INTERSECTION QUANTITIES: 27TH STREET & ILLINOIS 15

ITEM	UNIT	QTY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	51
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1008
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1399
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1568
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	679
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	3
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	15
PEDESTRIAN PUSH-BUTTON	EACH	4
RADIO TRANSCEIVER	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
VIDEO VEHICLE DETECTION SYSTEM	EACH	1
ETHERNET SWITCH	EACH	1
CONTROLLER (SPECIAL)	EACH	1

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USER NAME = TaylorND	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

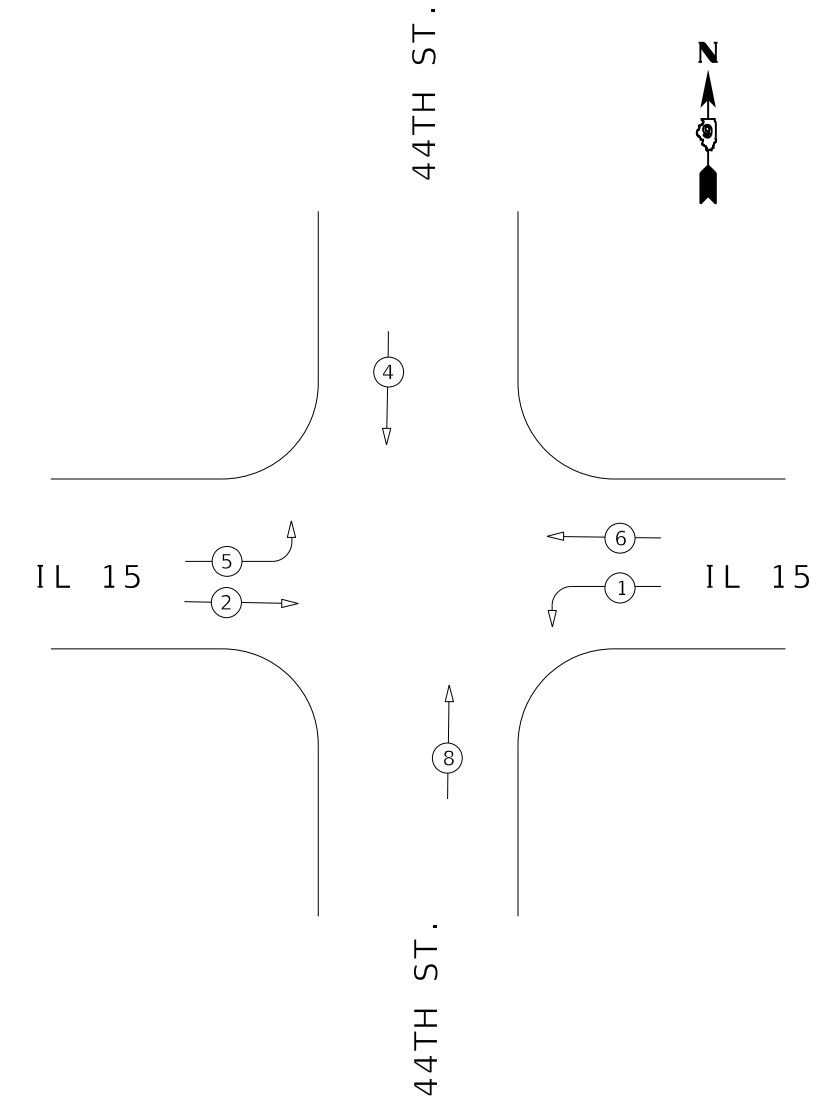
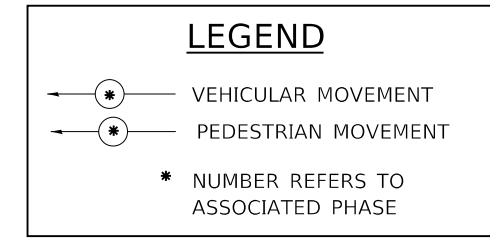
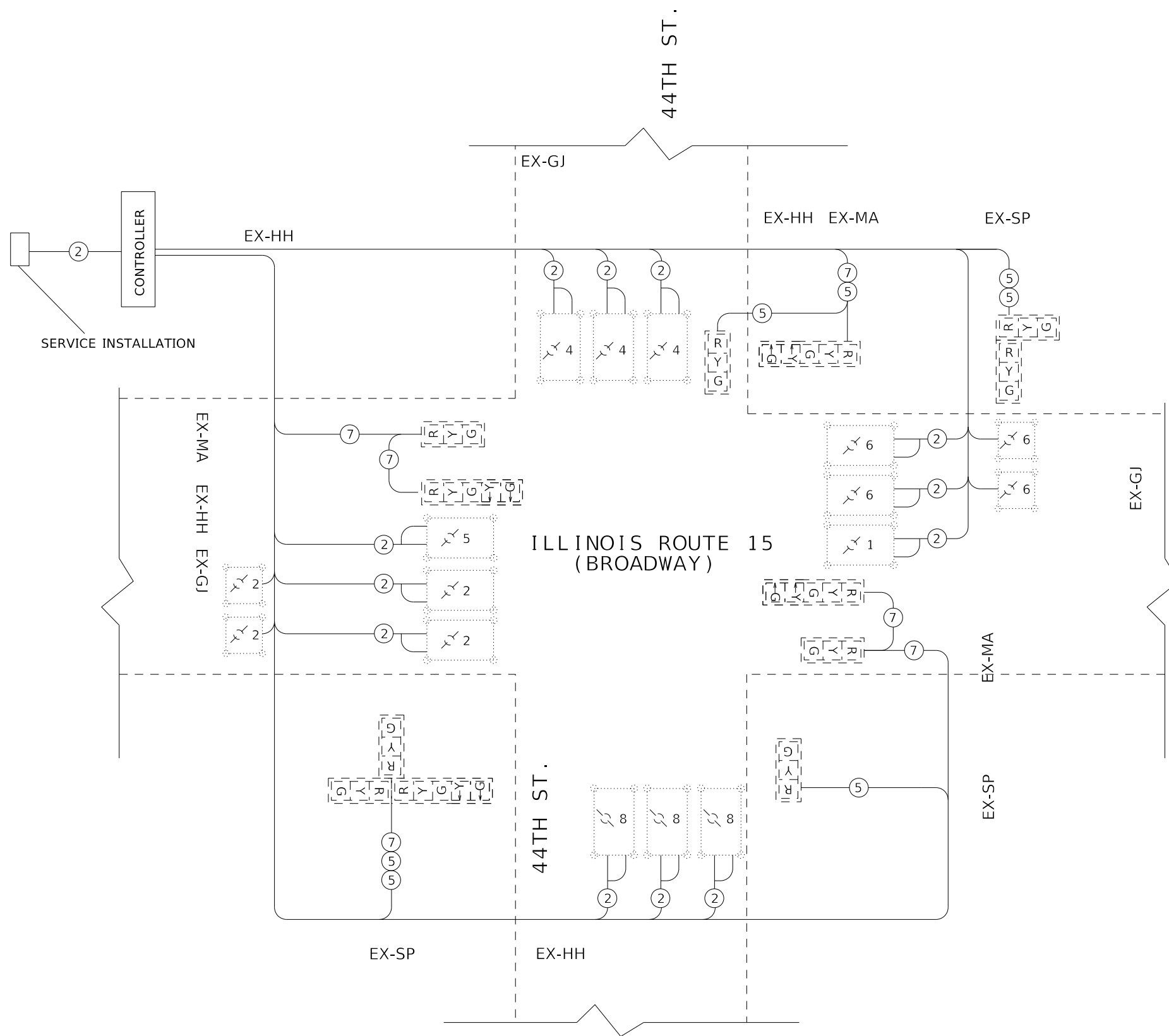
**PROPOSED TRAFFIC SIGNALS
IL 15/27TH STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,132)SW-1,TS-1	JEFFERSON	99	75
CONTRACT NO. 78731				
		ILLINOIS	FED. AID PROJECT	

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL SCHEMATIC			
IL 15/44TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

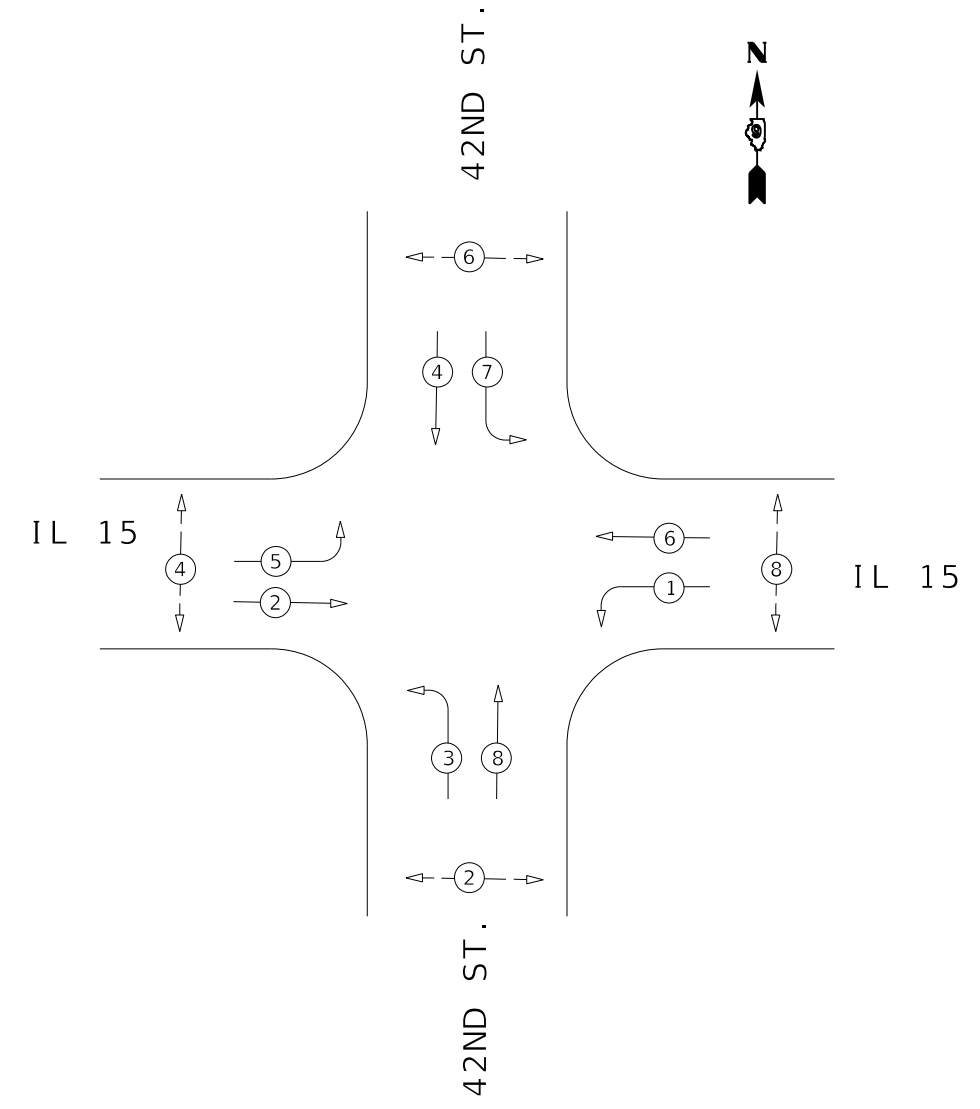
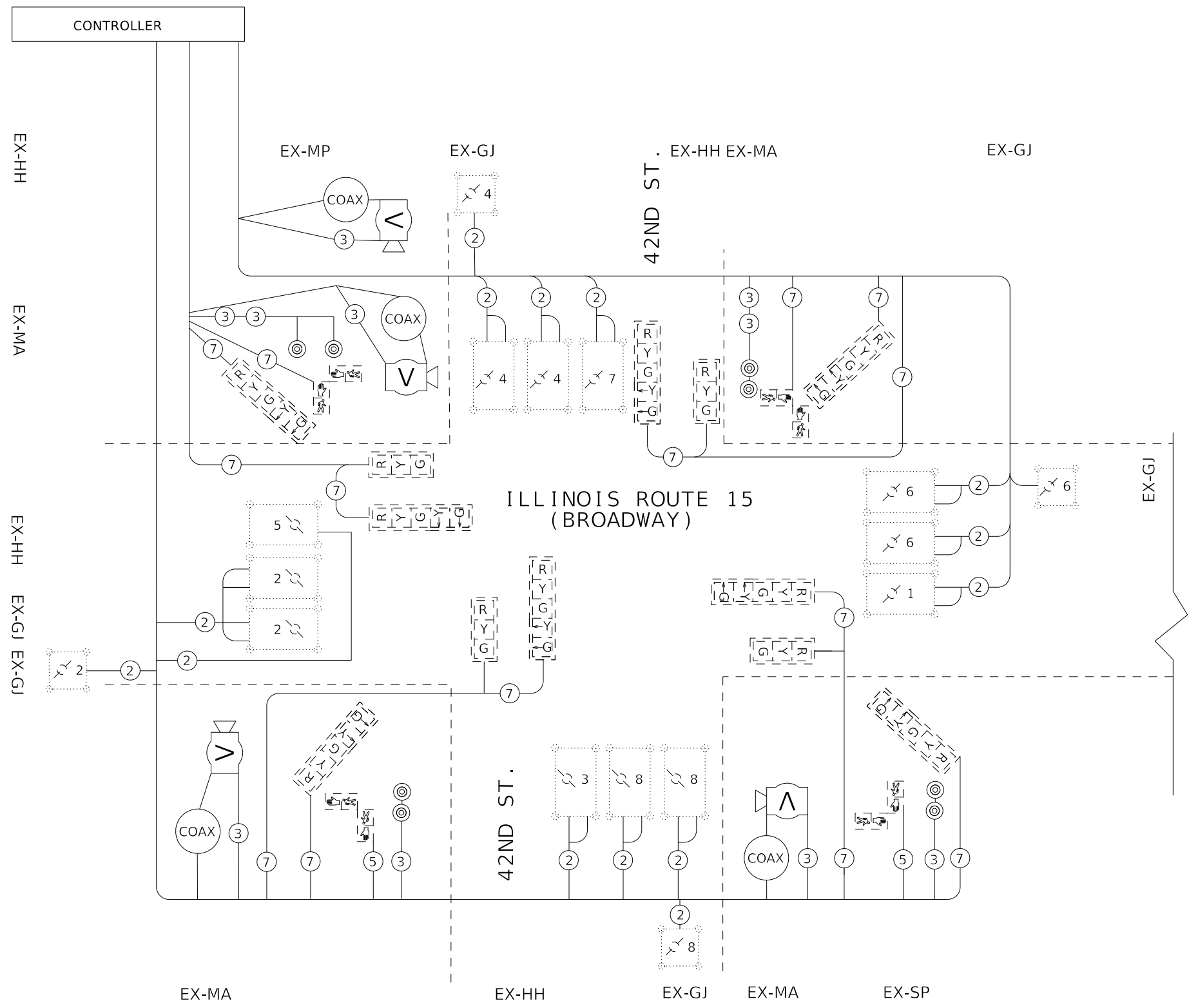
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	76
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← ⊙ — VEHICULAR MOVEMENT
- ← ⊙ — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL SCHEMATIC			
IL 15/42ND STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

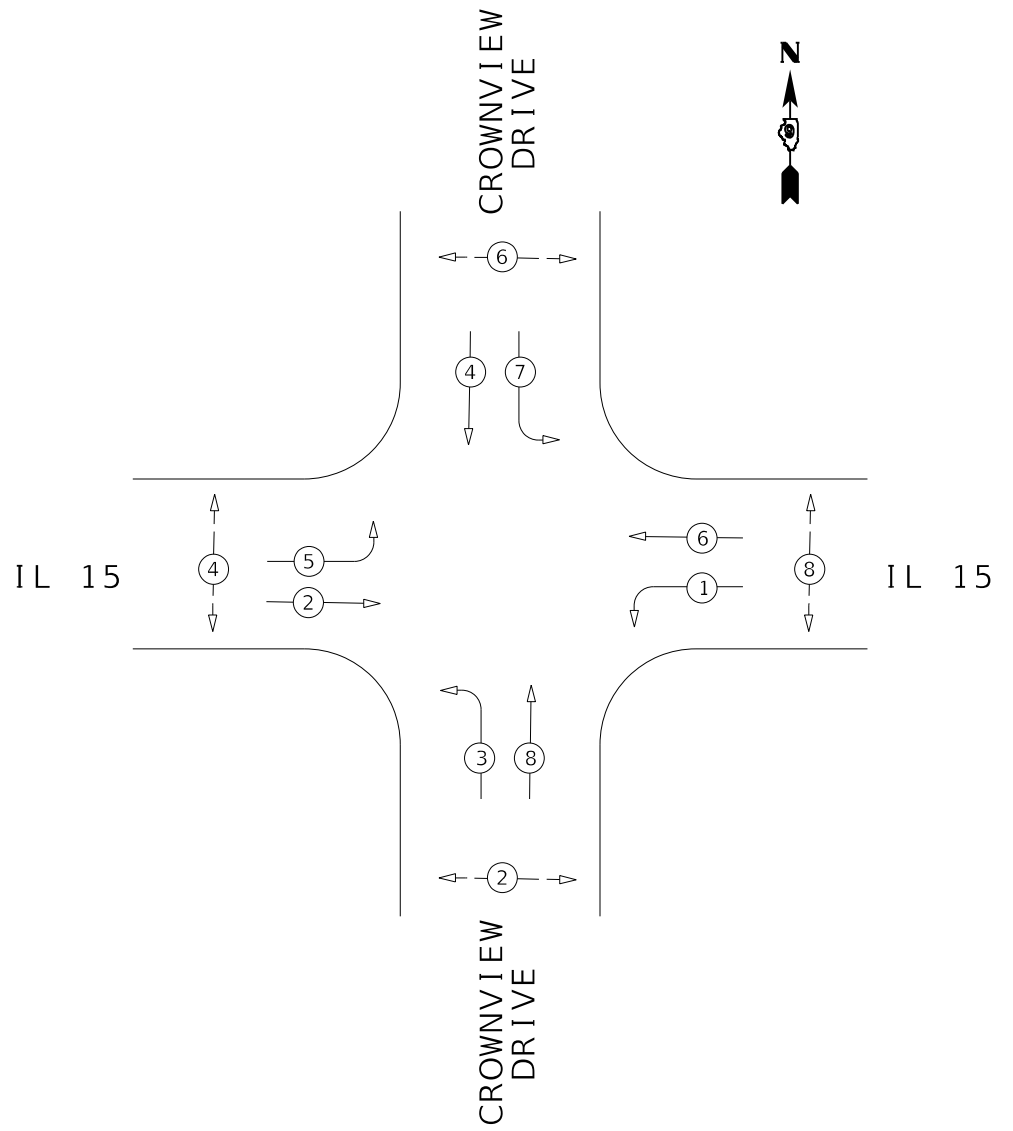
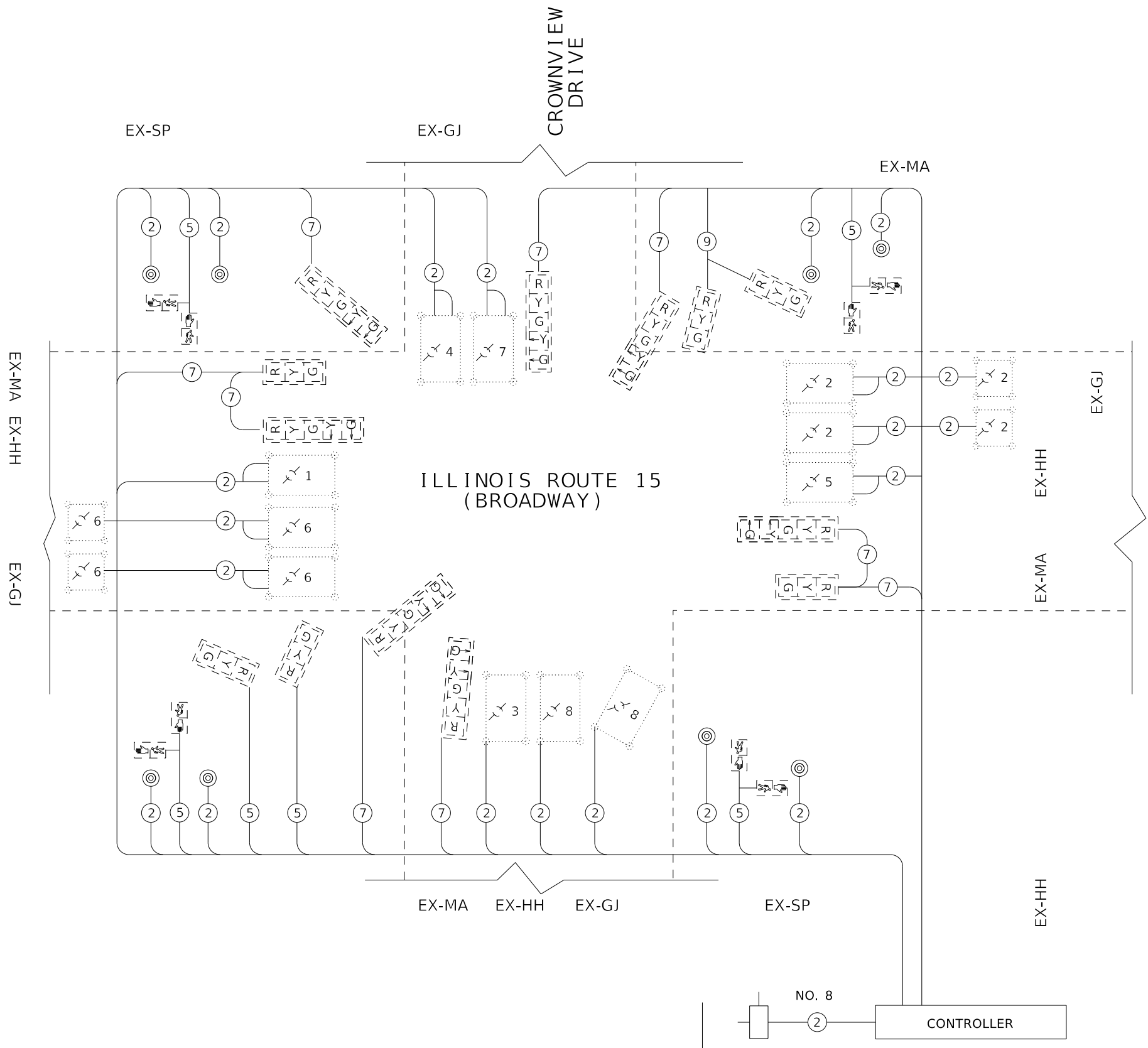
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821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	77
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← * — VEHICULAR MOVEMENT
- ← * — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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PLOT DATE = 5/12/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL SCHEMATIC			
IL 15/CROWNVIEW DRIVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

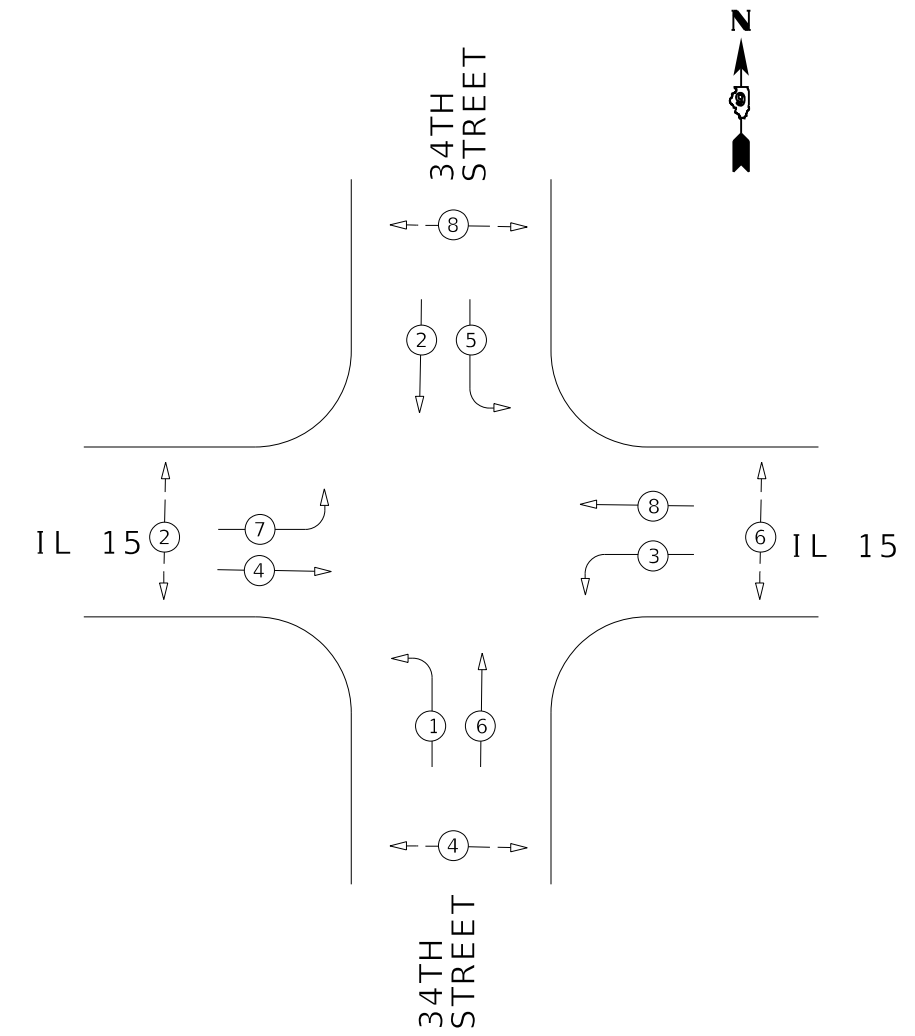
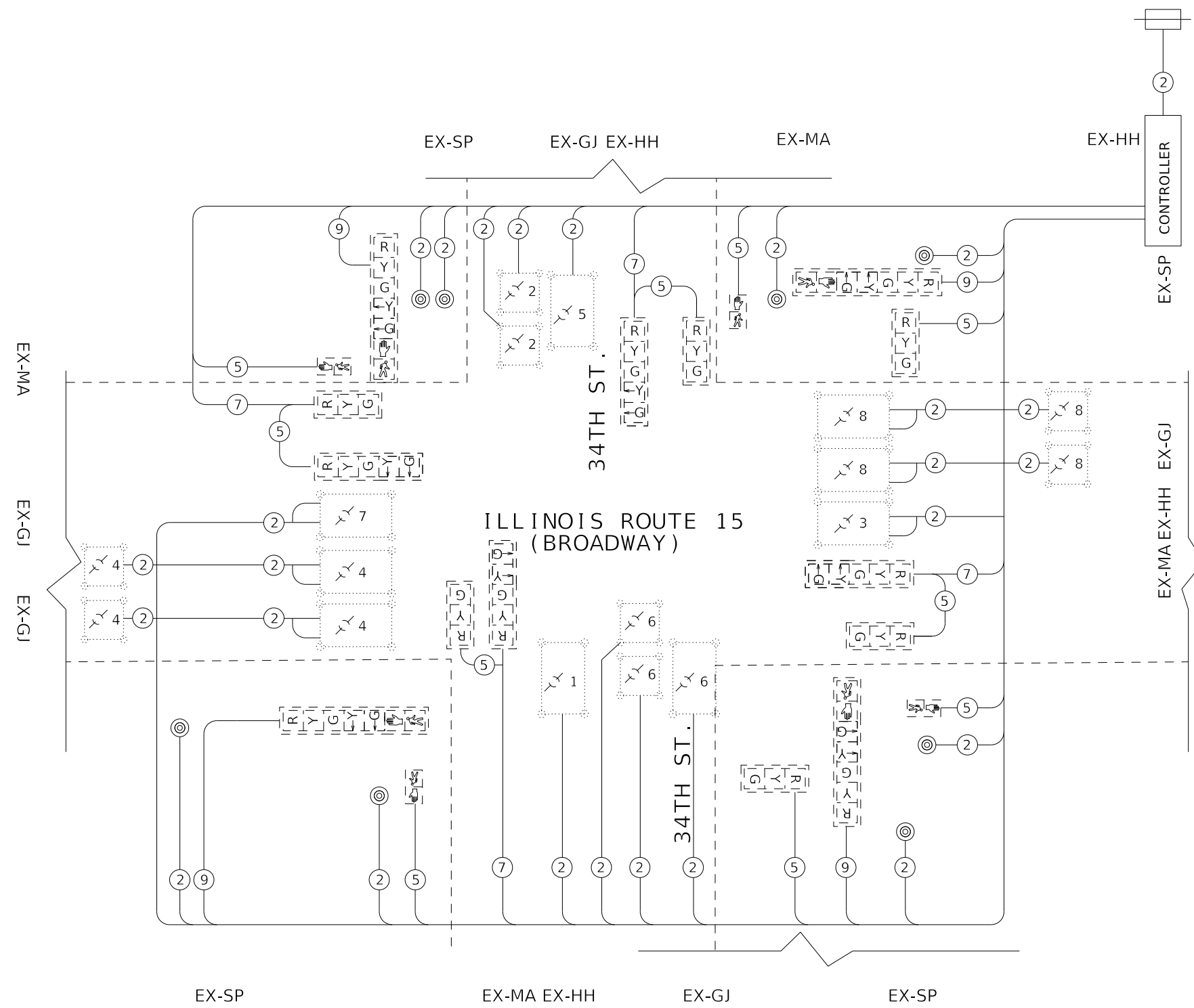
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	78
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← * — VEHICULAR MOVEMENT
- ← * — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL SCHEMATIC			
IL 15/34TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

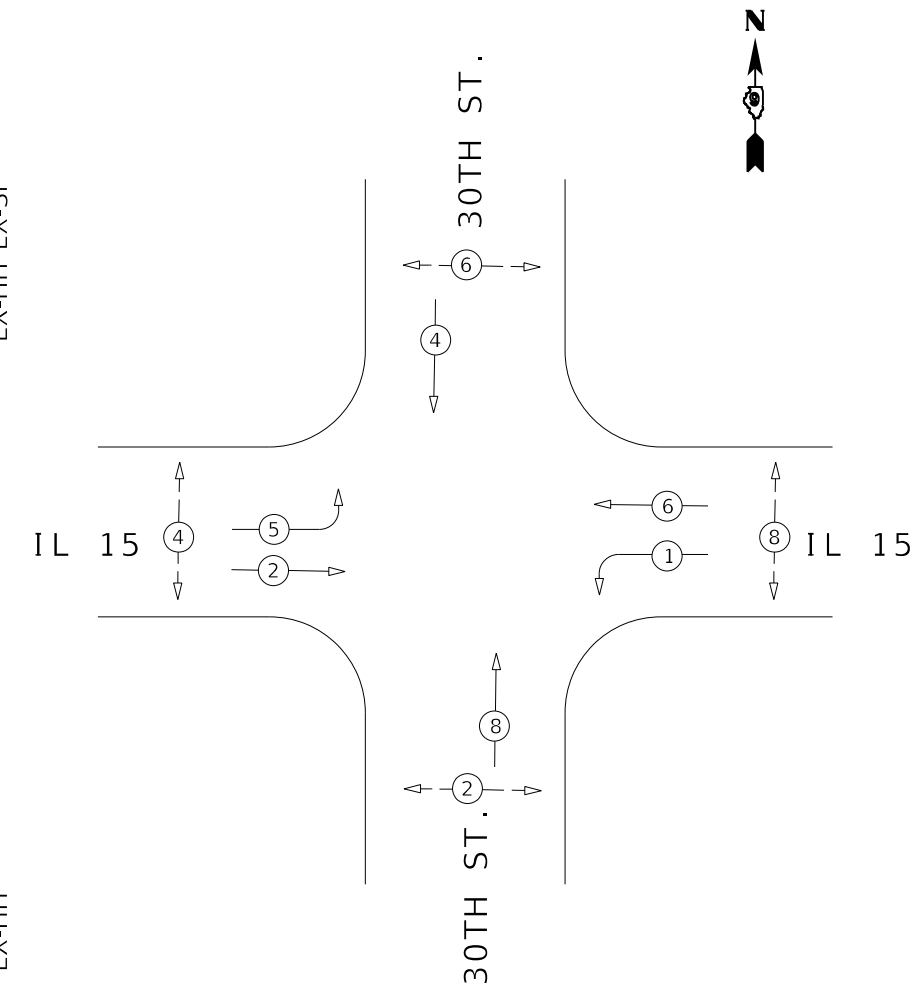
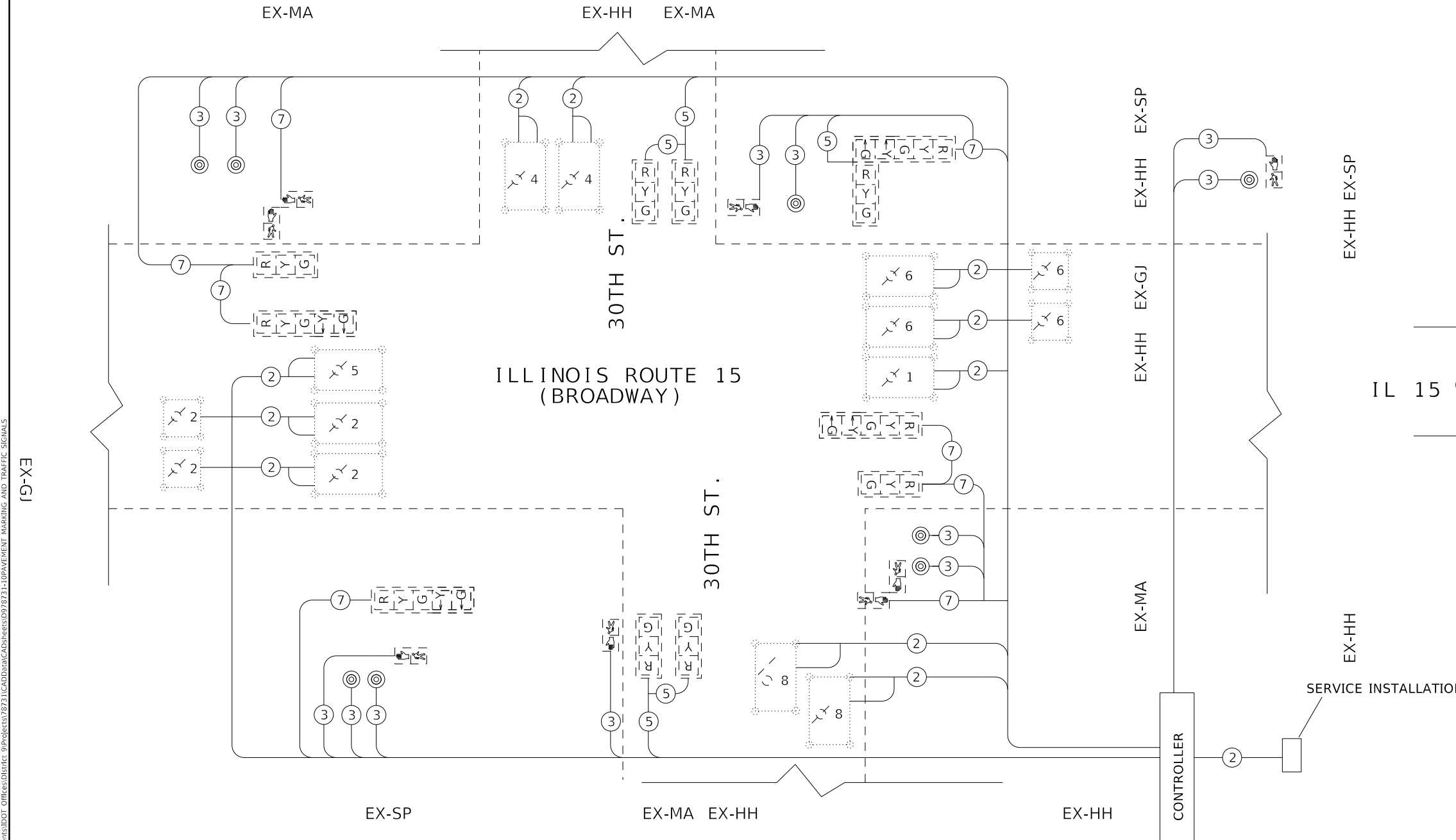
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821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	79
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← ⊙ — VEHICULAR MOVEMENT
- ← ⊙ — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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PLOT DATE = 5/12/2020	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL SCHEMATIC				
IL 15/30TH STREET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

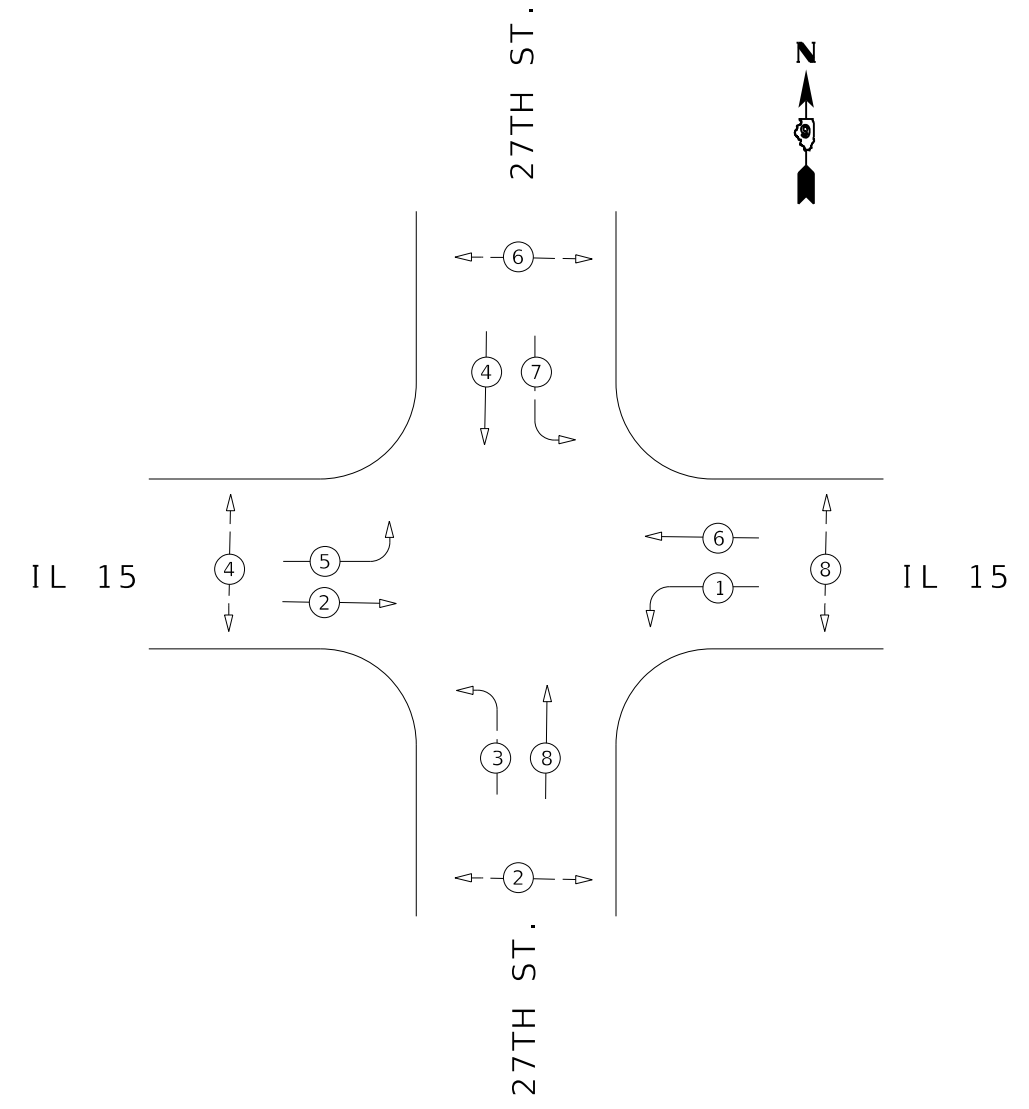
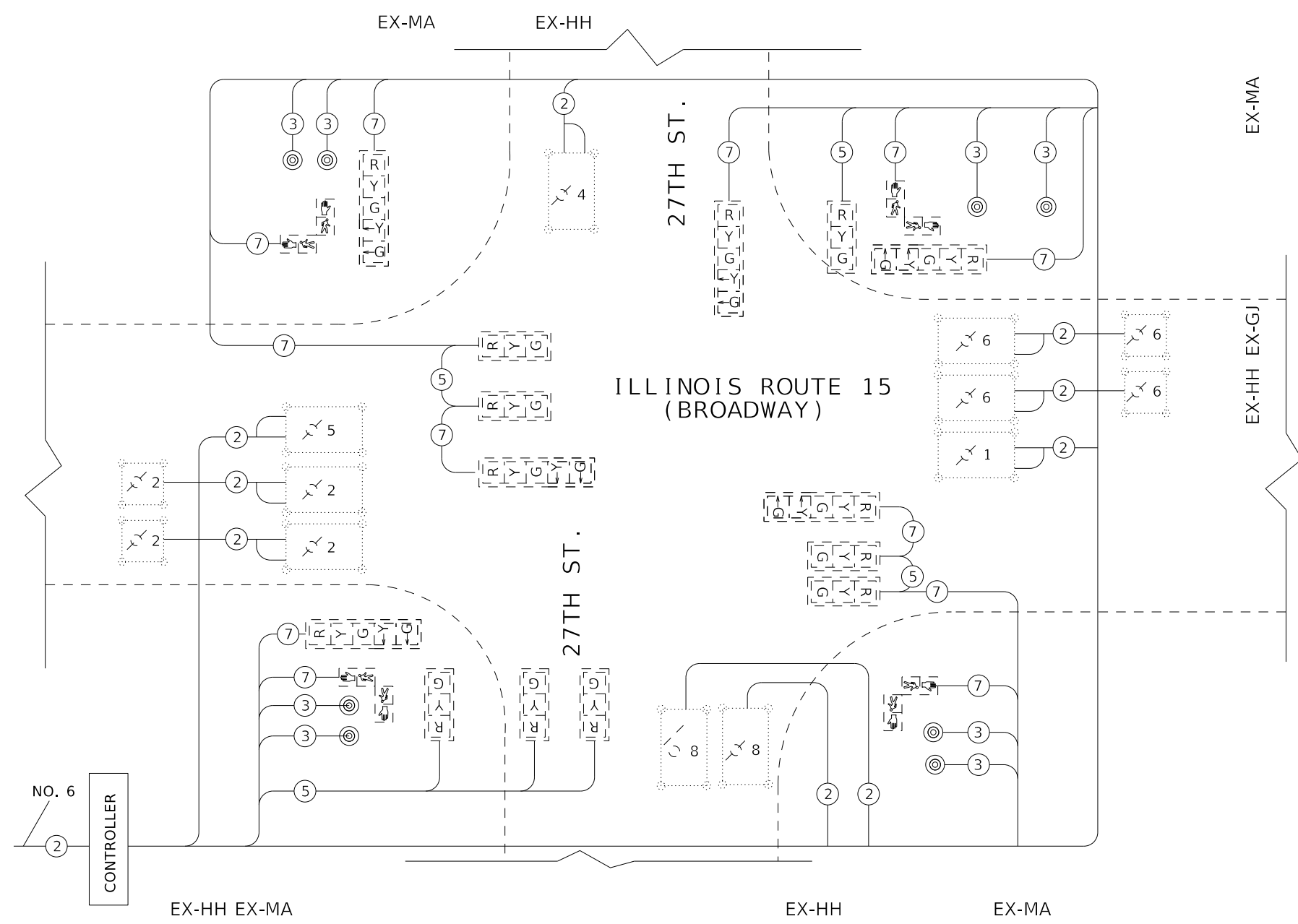
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 78731	

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← * — VEHICULAR MOVEMENT
- ← * — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

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 DATE: 5/12/2020

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PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

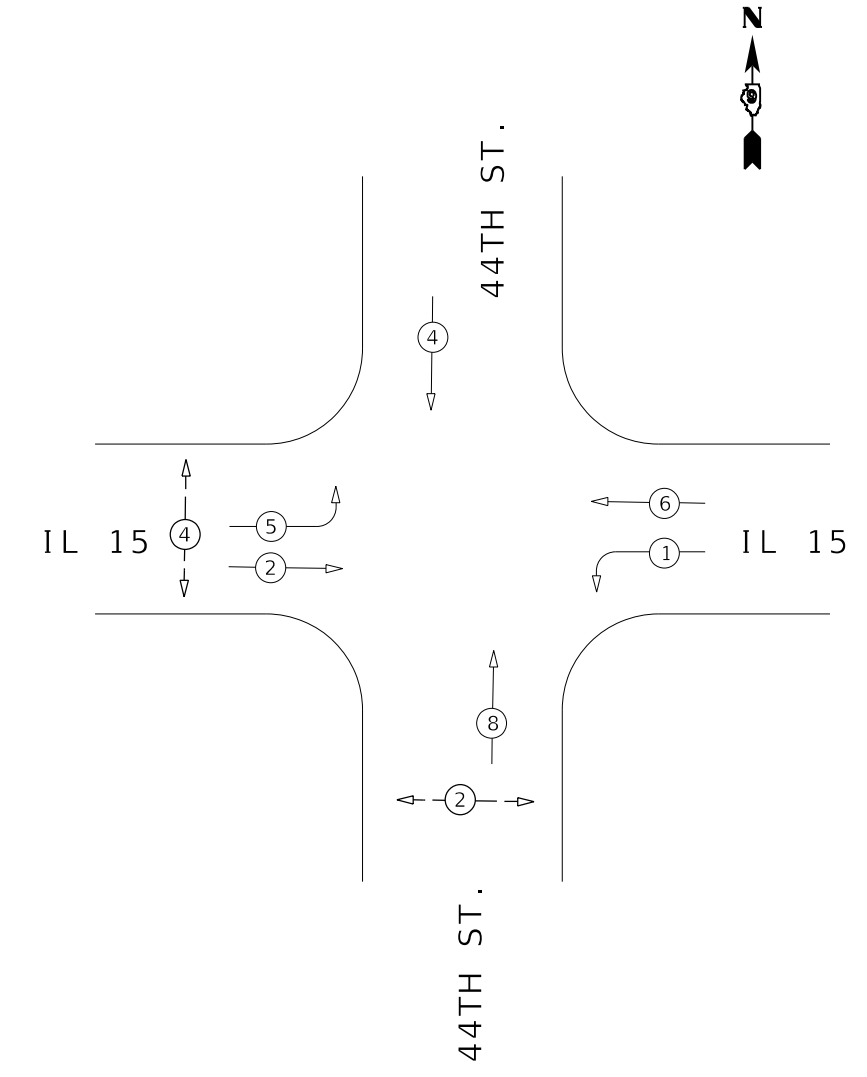
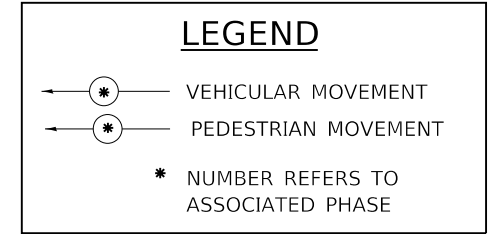
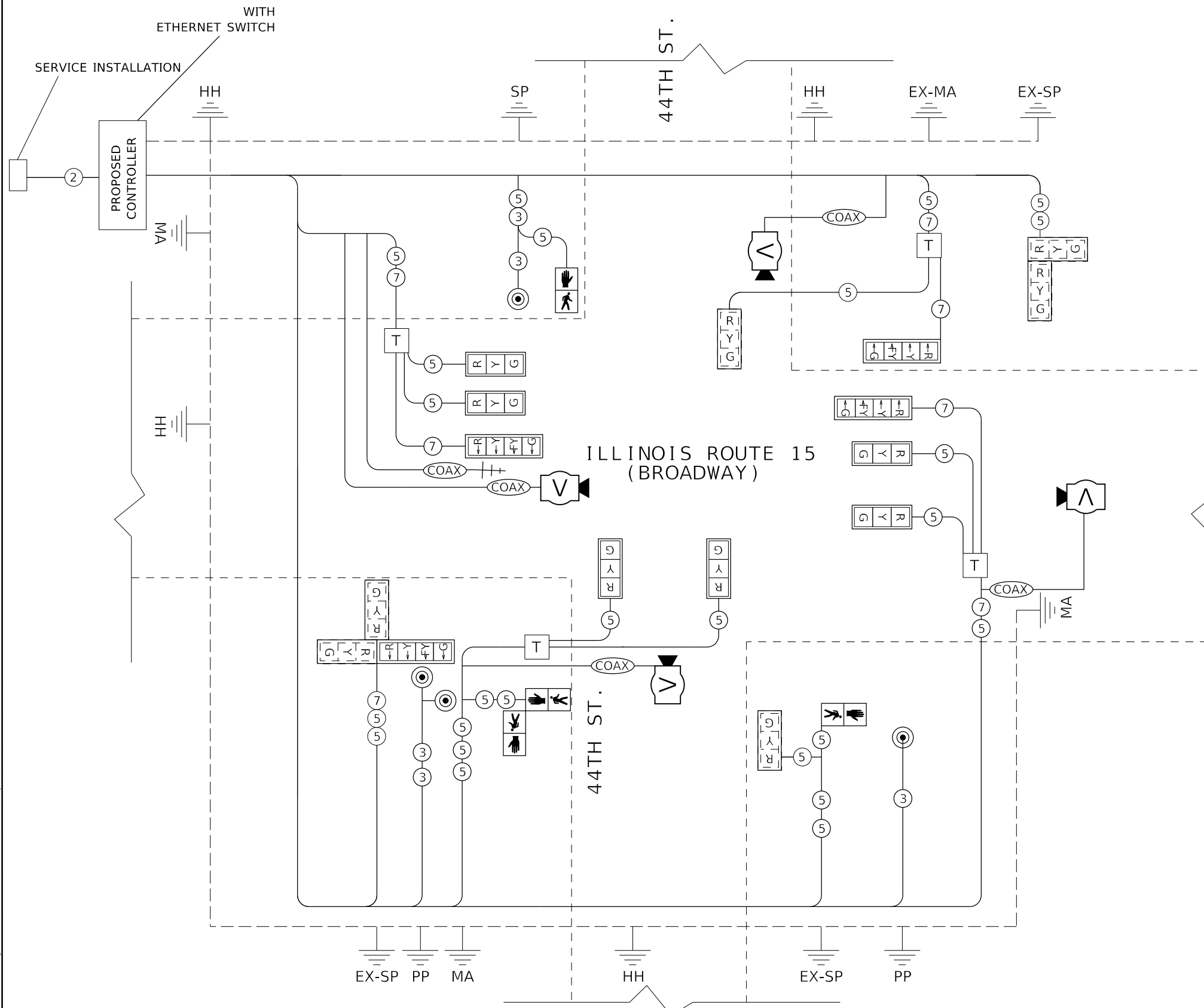
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNAL SCHEMATIC			
IL 15/27TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	81
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

MODEL: Default
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USER NAME = TaylorND	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 20.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL SCHEMATIC			
IL 15/44TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

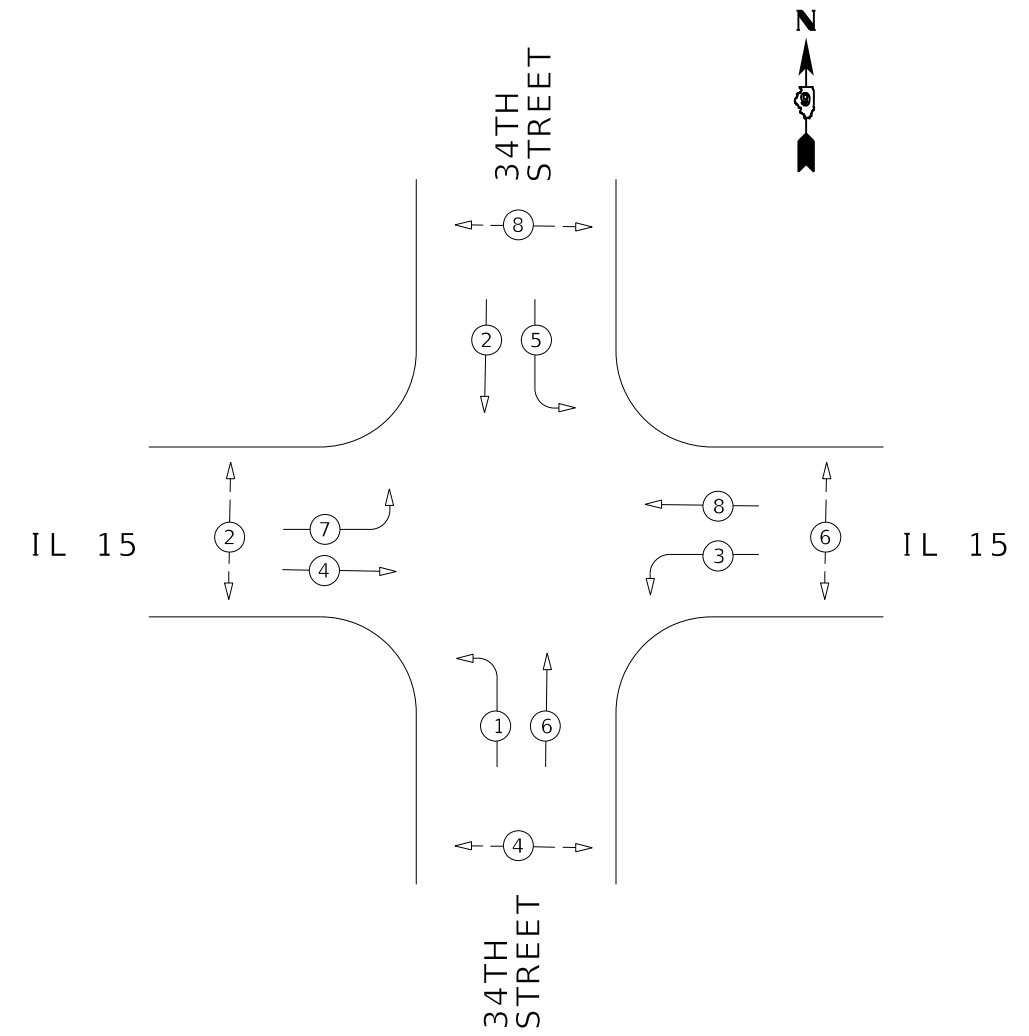
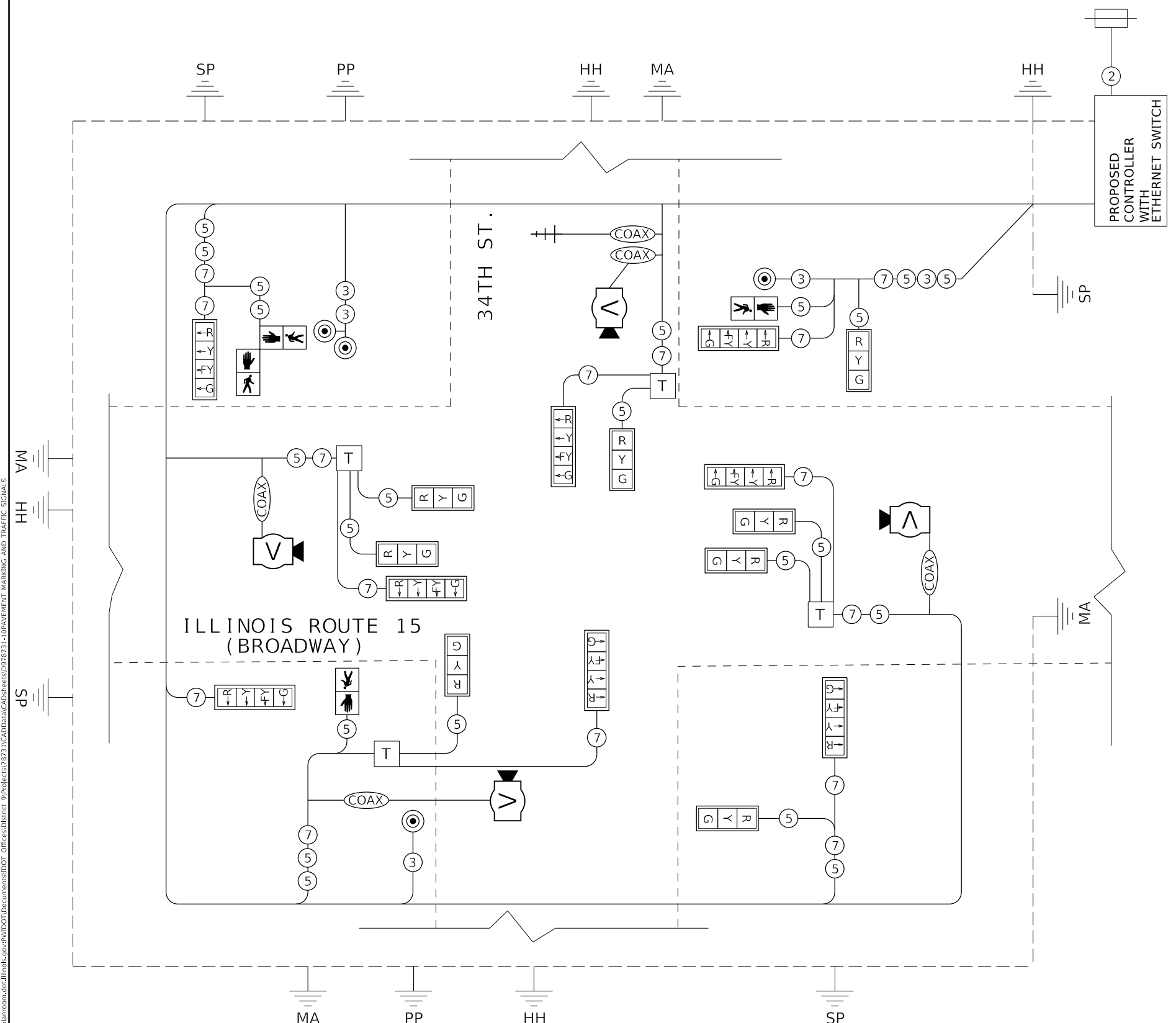
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,T5-1	JEFFERSON	99	82
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← * — VEHICULAR MOVEMENT
- ← * — PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

MODEL: Default
FILE: h:\mhc\p\pub\harcam\dat\illinois.gov\PI\DOT\Documents\DOT_Offices\District_9\Projects\78731\CADD\Drawings\DOT_Offices\District_9\Projects\78731\10PAVEMENT MARKING AND TRAFFIC SIGNALS

USER NAME = TaylorND	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/12/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL SCHEMATIC			
IL 15/34TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

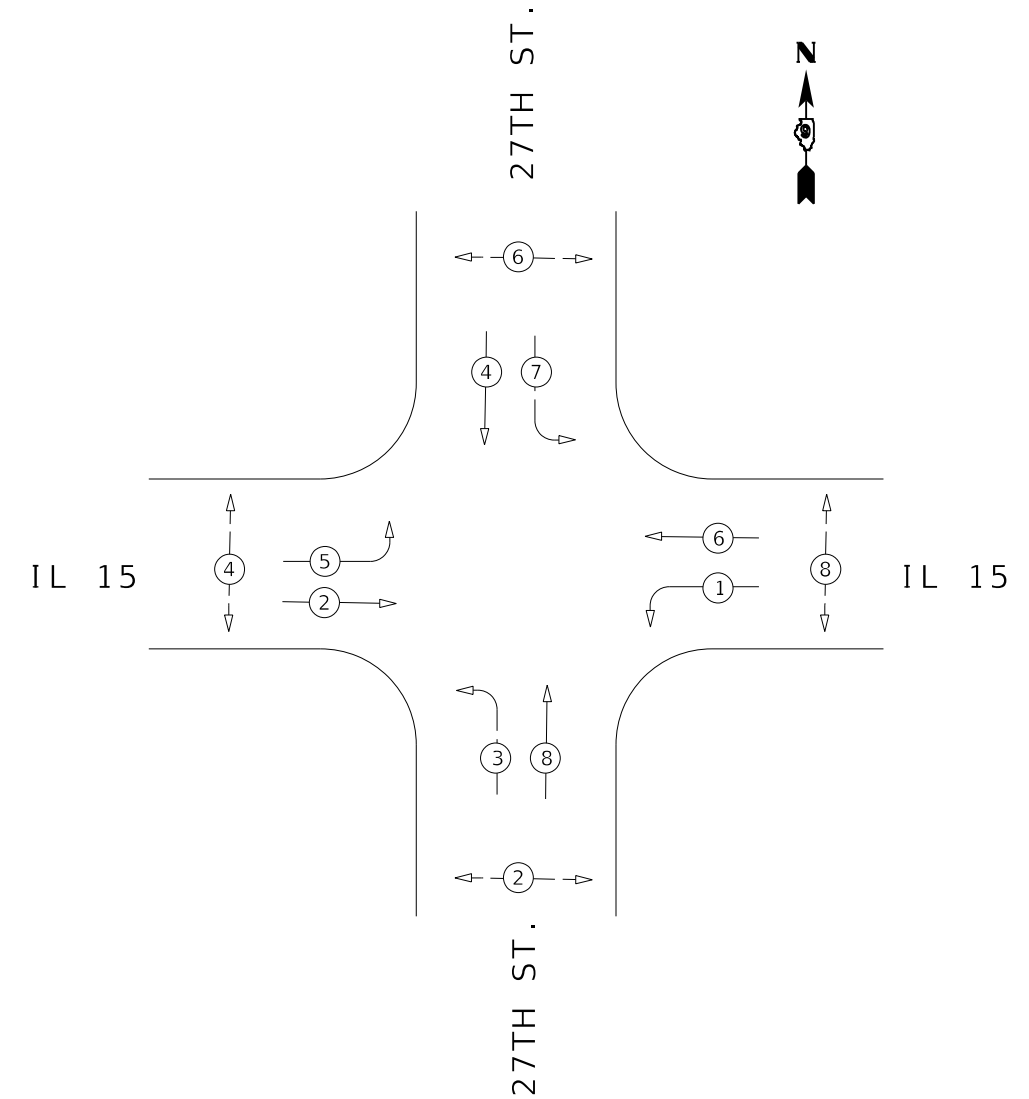
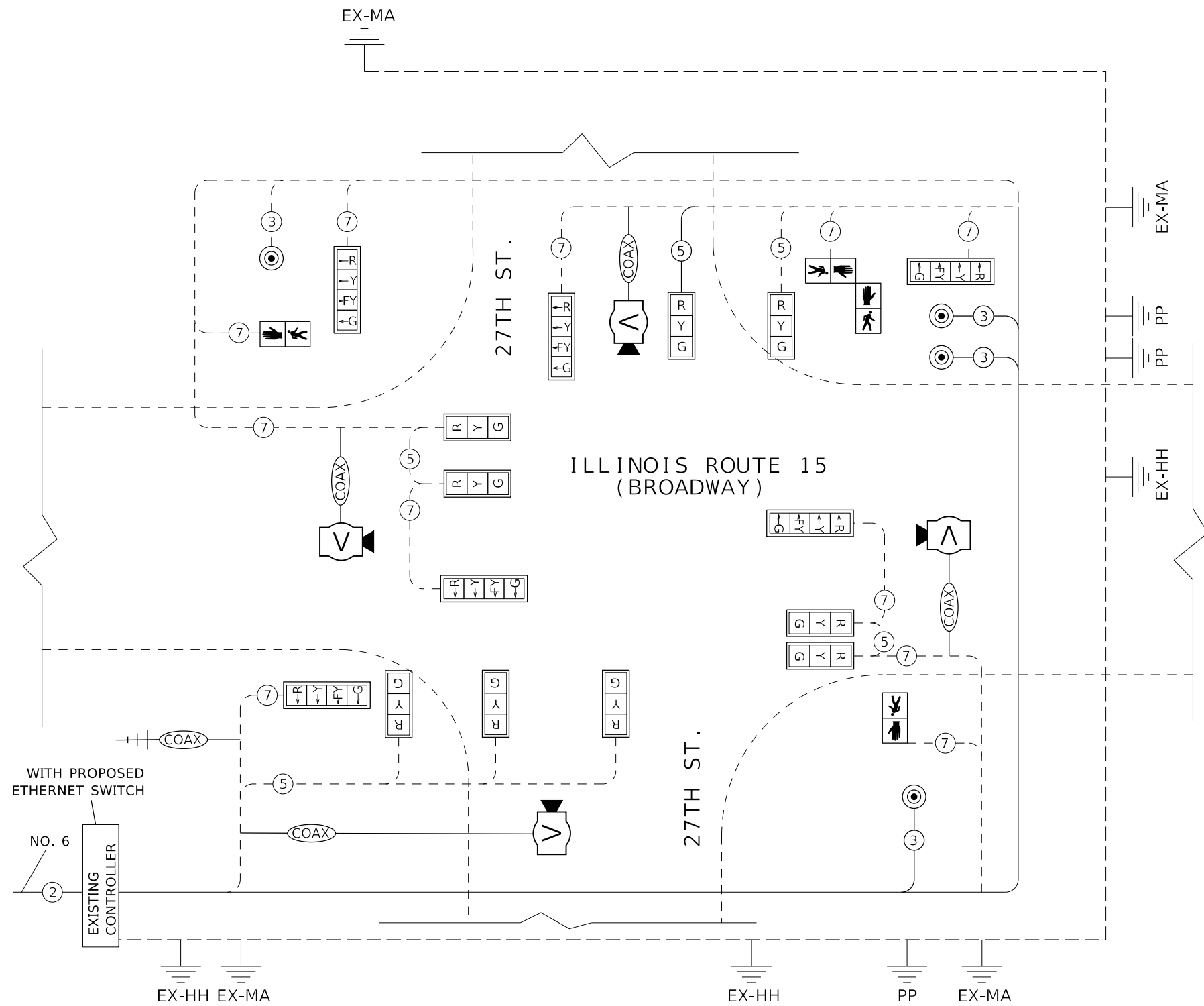
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	85
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

LEGEND

- ← * → VEHICULAR MOVEMENT
- ← * → PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

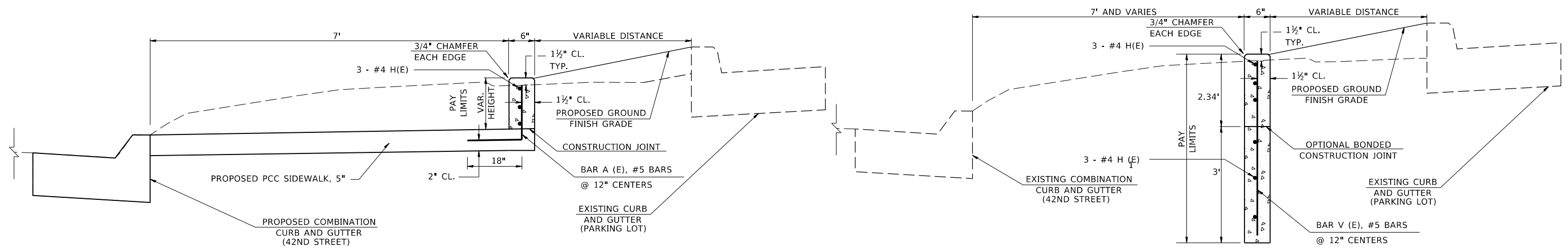
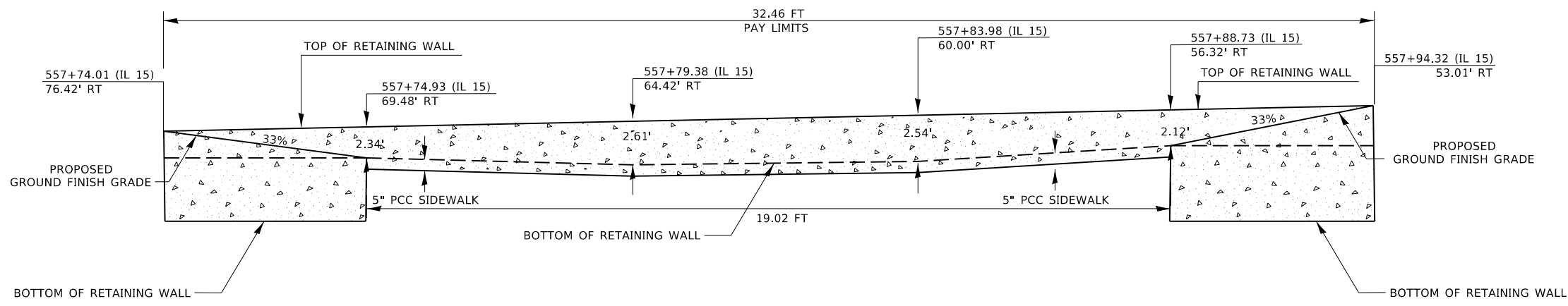
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USER NAME = TaylorND	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL SCHEMATIC			
IL 15/27TH STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	87
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				

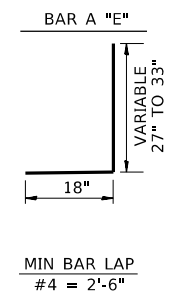


RETAINING WALL WITH SIDEWALK

RETAINING WALL WITHOUT SIDEWALK

STATION RANGE	CONCRETE STRUCTURES (RETAINING WALL) (CU. YD.)
557+74.01 TO 557+94.32	2.2

REINFORCEMENT FOR SOUTHEAST RET. WALL					
BAR	SIZE	SHAPE	LENGTH	NUMBER	WEIGHT LBS.
A (E)	5	┌	4'-3"	20	90
H (E)	4	—	17'-5"	6	70
H ₁ (E)	4	—	6'-2"	3	20
H ₁ (E)	4	—	6'-8"	3	20
V (E)	5	—	5'-0"	13	70
TOTAL					270



* DUE TO THE VARIABLE HEIGHT OF RETAINING WALL, THE LENGTH OF BAR A "E" WILL VARY BETWEEN 27" AND 33". FINAL QUANTITY OF BAR A "E" TO BE DETERMINED IN FIELD IT IS RECOMMENDED TO ORDER ALL BARS THE SAME LENGTH AND CUT TO LENGTH IN THE FIELD

SEE SIDEWALK RAMP DETAILS: RAMP 25 FOR TOP OF RETAINING WALL ELVEVATIONS.
 ALL REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 PROVIDE A 30" LAP FOR H(E) BARS.
 HORIZONTAL DISTANCES ARE DEPICTED ALONG THE WALL FACE.
 STATIONS AND OFFSETS ARE TAKEN FROM IL 15 CENTERLINE.

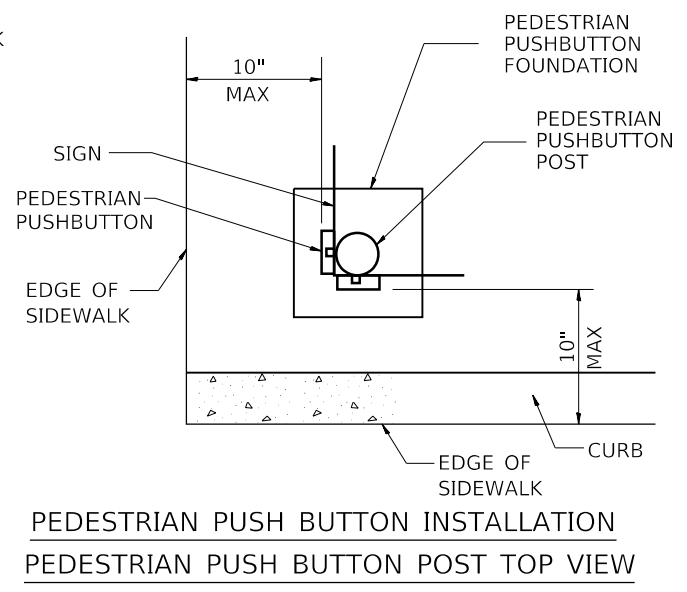
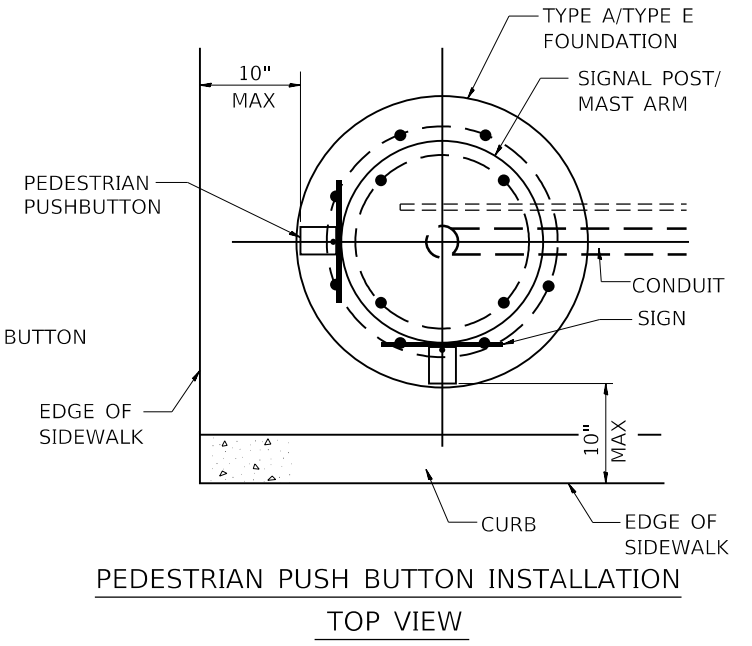
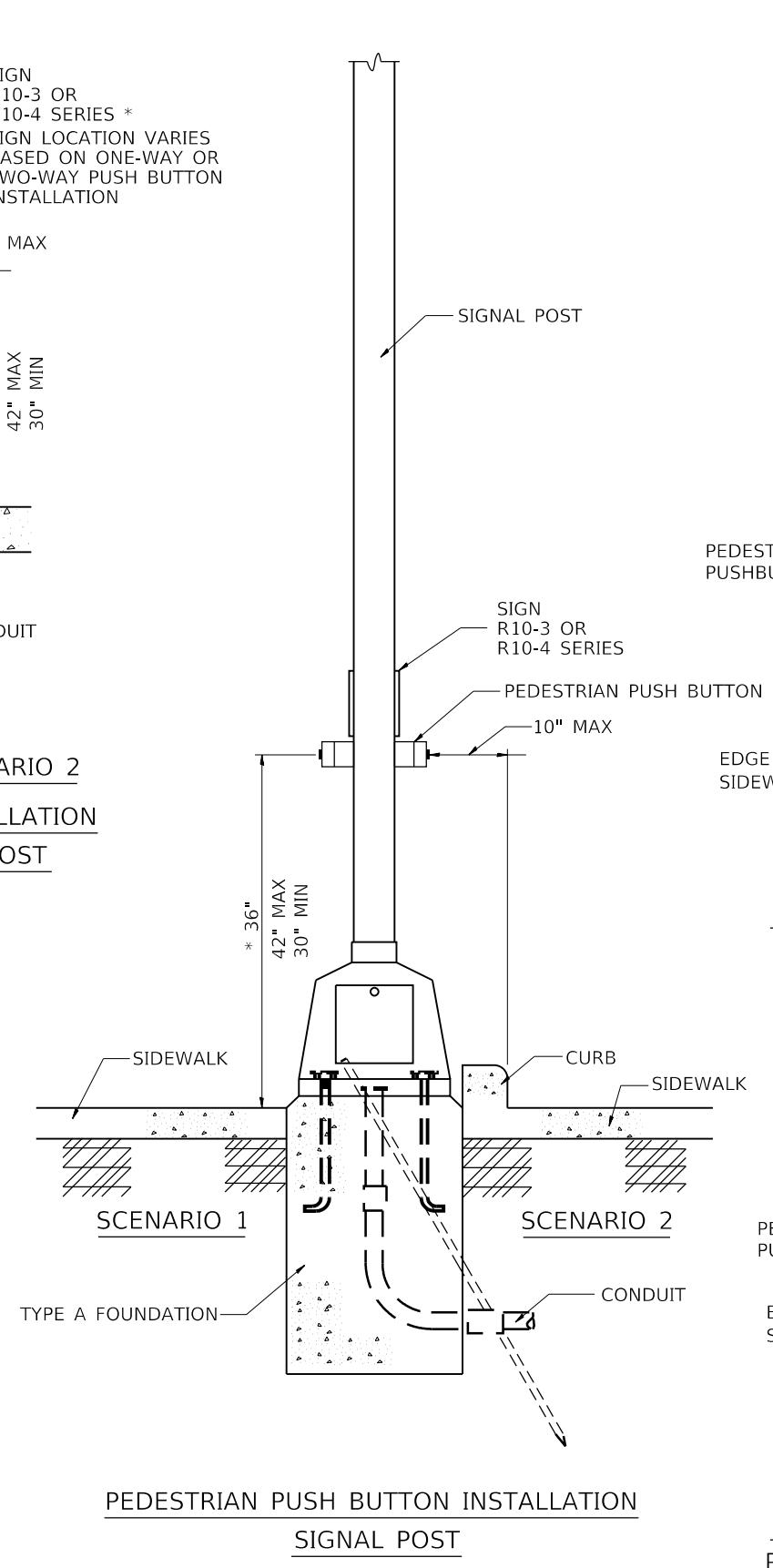
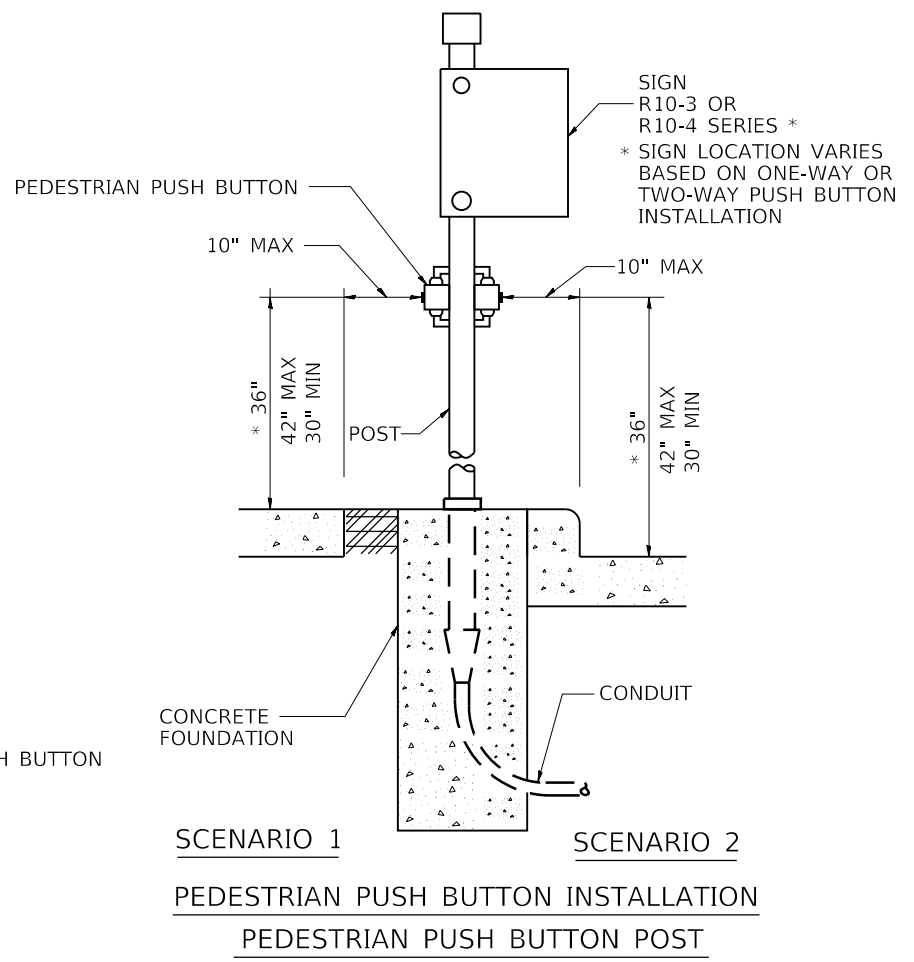
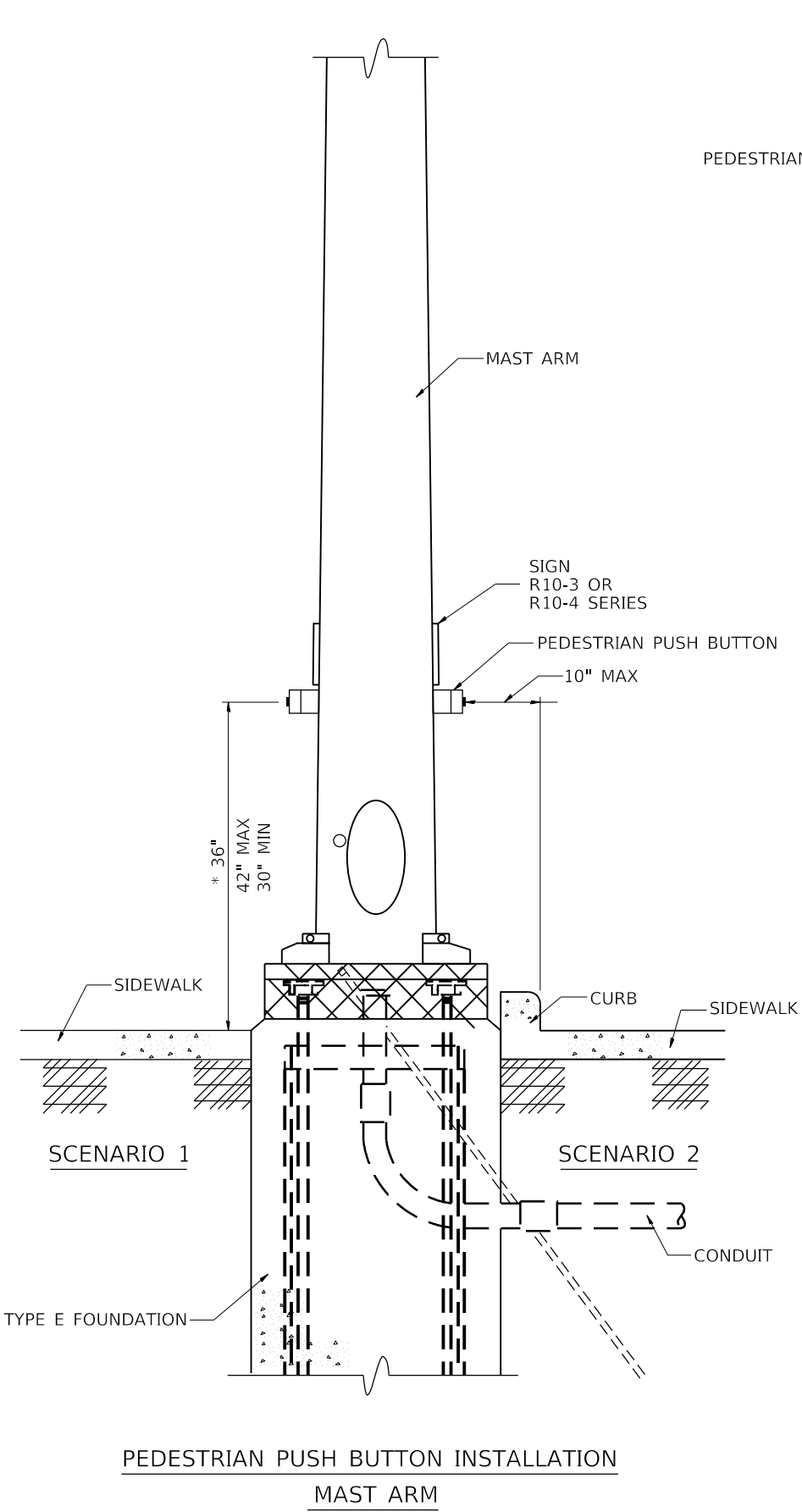
RETAINING WALL DETAIL
 557+74.01 76.42' RT
 TO 557+94.32 53.01' RT (IL 15)

MODEL: Default
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 USER: TaylorND

USER NAME = TaylorND	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL DETAIL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	821				(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	89	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 78731		ILLINOIS	FED. AID PROJECT	
PLOT DATE = 5/12/2020	DATE -	REVISED -								

GENERAL NOTES

1. 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.
2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF SIDEWALK.
3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
4. 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 LENGTH OF THE MODULAR EXTENSION BRACKET IS NOT TO EXCEED 1'-6".
5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



* 36" PREFERRED
NOT TO SCALE

MODEL: Default
FILE: \\nas01c:\pub\baronm.d\at\illinois.gov\PIWDOT\Documents\DOT_Offices\Illinois\9\Projects\78731\CADD\DATA\CAD\Sheet\978731-1-2\PIUSHBUTTONDETAIL

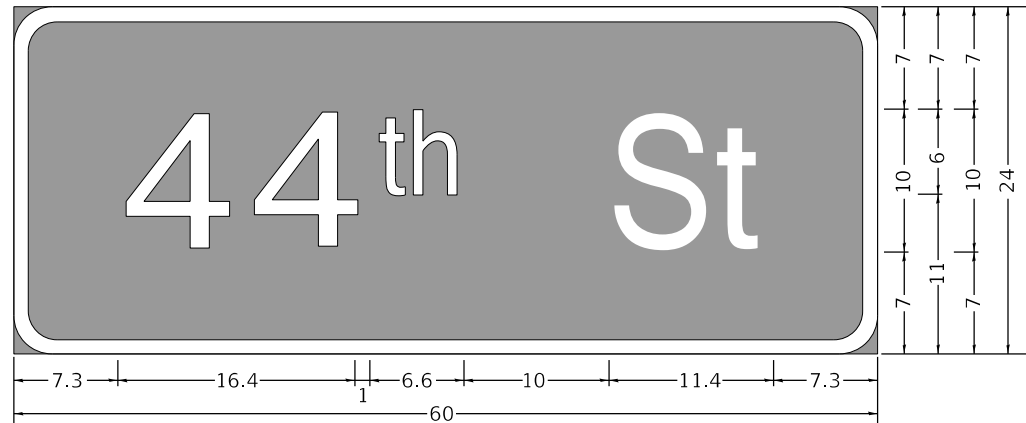
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PLOT DATE = 5/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL

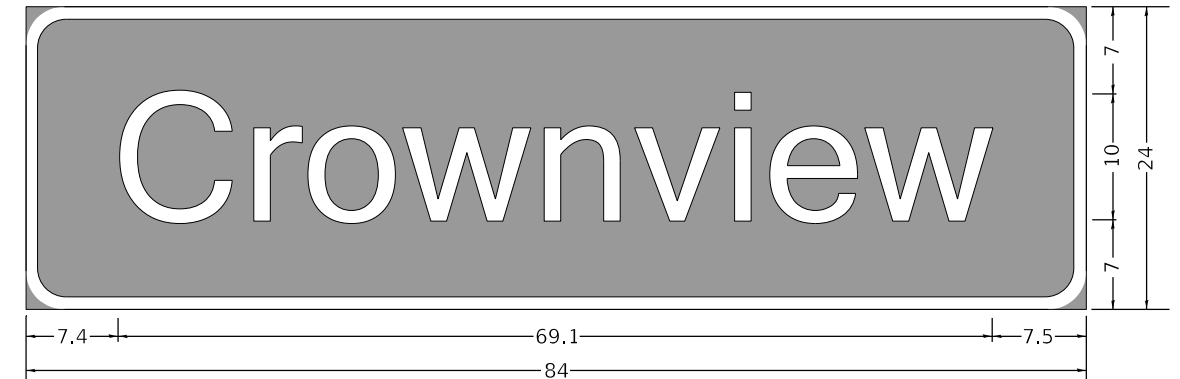
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	90
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



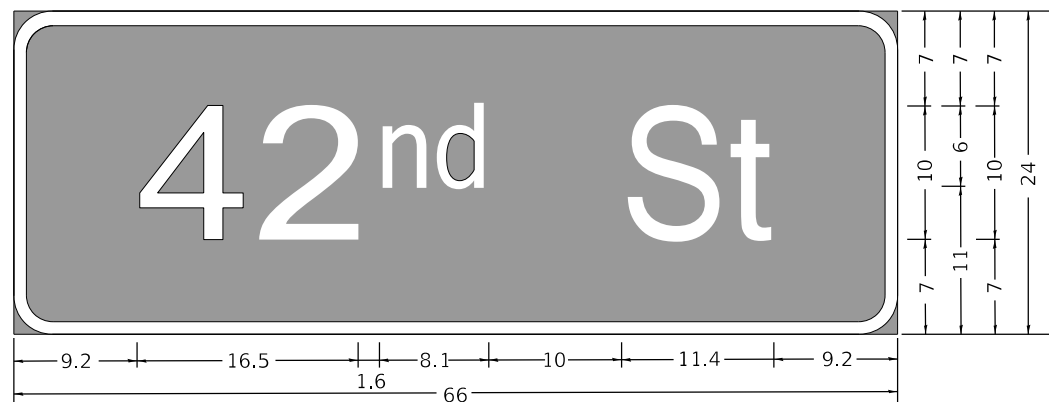
3.0" Radius, 1.0" Border, White on Green;
 "44th St" D 2K;
 Table of distances between letter and object lefts.

4	4	t	h	S	t		
7.3	8.9	8.5	3.1	13.5	7.4	4.0	7.3



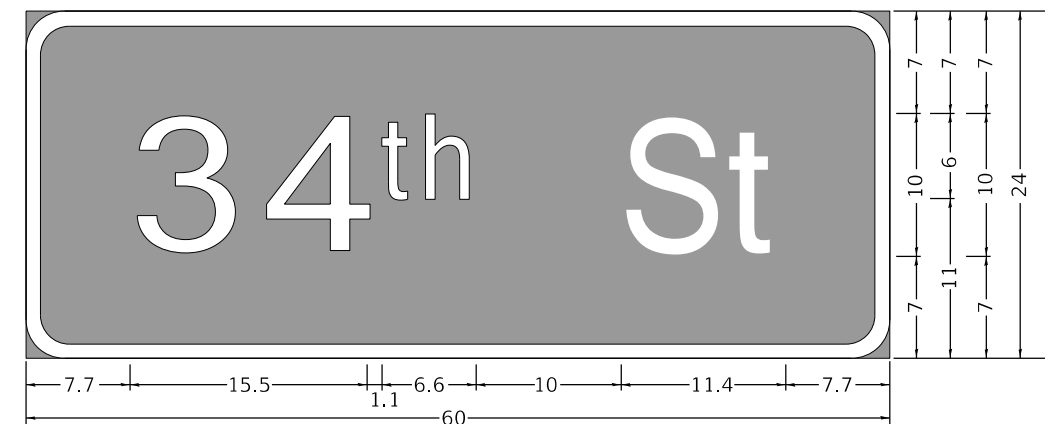
3.0" Radius, 1.0" Border, White on Green;
 "Crownview" D 2K;
 Table of distances between letter and object lefts.

C	r	o	w	n	v	i	e	w		
7.4	8.8	4.6	6.9	12.5	7.0	8.3	3.2	6.5	11.3	7.5



3.0" Radius, 1.0" Border, White on Green;
 "42nd St" D 2K;
 Table of distances between letter and object lefts.

4	2	n	d	S	t		
9.2	9.7	8.4	4.5	13.6	7.4	4.0	9.2



3.0" Radius, 1.0" Border, White on Green;
 "34th St" D 2K;
 Table of distances between letter and object lefts.

3	4	t	h	S	t		
7.7	8.0	8.6	3.0	13.6	7.4	4.0	7.7

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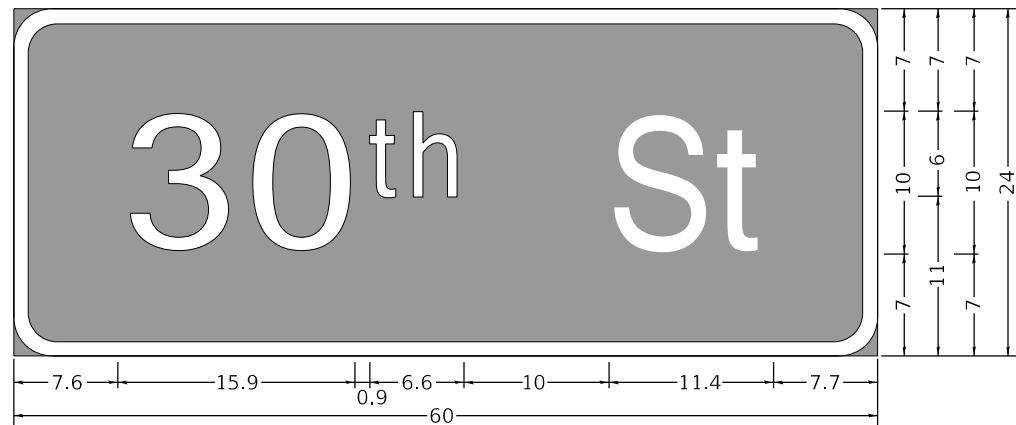
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DRAWN -	REVISOR -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 5/12/2020	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN DETAILS

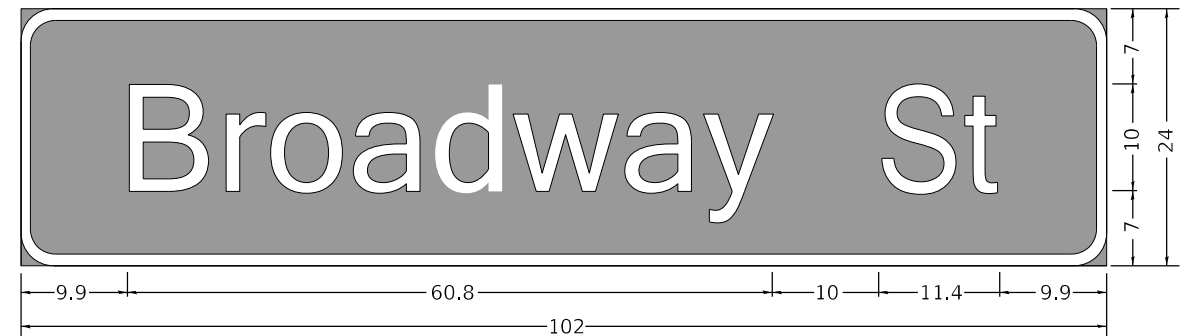
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	92
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



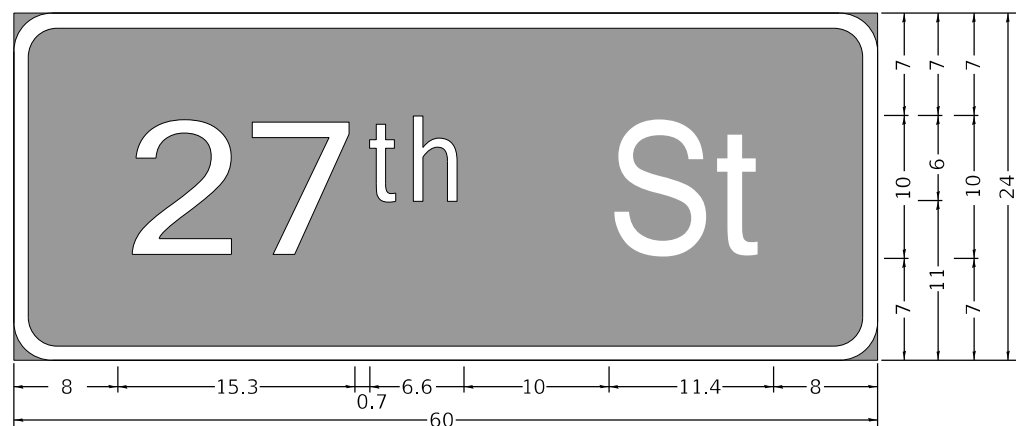
3.0" Radius, 1.0" Border, White on Green;
 "30th St" D 2K;
 Table of distances between letter and object lefts.

3	0	t	h	S	t		
7.6	8.8	8.0	3.0	13.6	7.4	4.0	7.6



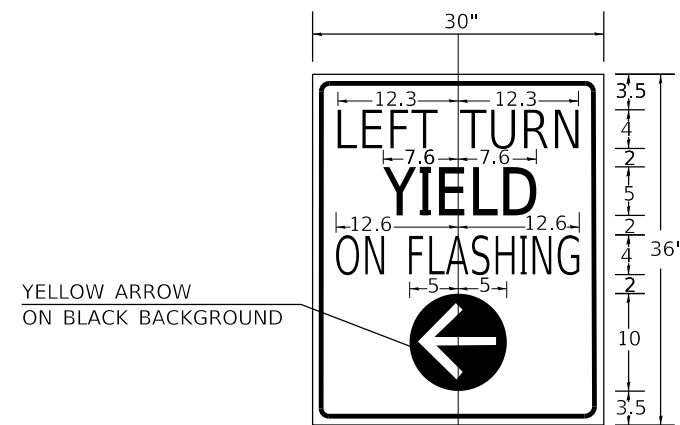
3.0" Radius, 1.0" Border, White on Green;
 "Broadway St" D 2K;
 Table of distances between letter and object lefts.

B	r	o	a	d	w	a	y	S	t	
9.9	8.3	4.6	7.2	7.2	12.0	6.8	17.5	7.4	4.0	9.9



3.0" Radius, 1.0" Border, White on Green;
 "27th St" D 2K;
 Table of distances between letter and object lefts.

2	7	t	h	S	t		
8.0	8.5	7.5	3.0	13.6	7.4	4.0	8.0



LT YIELD ON FYA

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 SIGN SHEETING: AP
 SIGN NAME: LT TURN YIELD ON FYA

MODEL: Default
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USER NAME = TaylorND	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 5/12/2020	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13-2,13,13Z)SW-1,TS-1	JEFFERSON	99	93
CONTRACT NO. 78731				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE 15 (Broadway St) DESCRIPTION Mast Arm Foundation, EB at CrownView LOGGED BY L. Estel

SECTION (13-2,13,13Z)SW-1,TS-1 LOCATION SE Quad. IL 15 & CrownView, SEC. 36, TWP. 2S, RNG. 2E, 3 PM

COUNTY Jefferson DRILLING METHOD Hollow stem auger (8" O.D., 3.25" I.D.) HAMMER TYPE Auto SPT 140 lb

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
9-MA									
567+90									
28.0ft RT									
	(ft)	(tsf)	(%)		(ft)	(tsf)	(%)		
Cored Pavement, 13" HMA					Bottom of hole @ 12.6 ft				
M. Stiff Grey, Moist CLAY					To convert "N" values to "N60", multiply by 1.5				
	1				No groundwater encountered				
	2	1.0	22						
	3	B							
(Brown)	-5								
	1								
	2	1.0	20						
	4	B							
M. Stiff Brown, Moist SILTY CLAY									
	WOH								
	2	0.5	25						
	3	B							
Stiff Brown and mottled Grey with specks of dark Brown, Moist to V. Moist SILTY CLAY with SANDSTONE Pebbles	-10								
	1								
	2	1.5	32						
	5	S							
Hard Brown, Dry SANDSTONE	-12	100/7.5"							
	-15								
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-09)



SOIL BORING LOG

ROUTE 15 (Broadway St) DESCRIPTION Mast Arm Foundation, EB at 34th St intersection LOGGED BY L. Estel

SECTION (13-2,13,13Z)SW-1,TS-1 LOCATION SE Quad. IL 15 & 34th St, SEC. 36, TWP. 2S, RNG. 2E, 3 PM

COUNTY Jefferson DRILLING METHOD Hollow stem auger (8" O.D., 3.25" I.D.) HAMMER TYPE Auto SPT 140 lb

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
10-MA									
583+40									
28.0ft RT									
	(ft)	(tsf)	(%)		(ft)	(tsf)	(%)		
Cored Pavement, 17" HMA					Bottom of hole @ 15.1 ft				
V. Stiff Brown, Moist CLAY					To convert "N" values to "N60", multiply by 1.5				
	1				No groundwater encountered				
	3	2.9	28						
	5	B							
Stiff Brown, Moist CLAY	-5								
	1								
	3	1.3	28						
	5	B							
V. Stiff Brown, Moist CLAY with SANDSTONE Pebbles									
	1								
	8	2.5	17						
	11	P							
Stiff Brown, Moist CLAY	-10								
	2								
	8	2.5	20						
	11	S							
V. Stiff Dark Grey, Moist CLAY with a COAL layer									
	1								
	22	3.5	15						
	38	S							
COAL seam	-14.5								
Hard Grey, Dry CLAY SHALE	-15	100/6.5"							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-09)

File Name is \MATHEMATICAL\UNIT\PROJECTS\PROJECTS\JEFFERSON\POINT LOCATION\SWAST\AMILL\9-MA\9-MA-11-2015\SUB\BOTT\BOTT.DWG
 Latitude 39 10 51.34 Longitude -90 50 10.00 Datum NAD83 Job Number

File Name is \MATHEMATICAL\UNIT\PROJECTS\PROJECTS\JEFFERSON\POINT LOCATION\SWAST\AMILL\10-MA\10-MA-11-2015\SUB\BOTT\BOTT.DWG
 Latitude 39 10 51.34 Longitude -90 50 10.00 Datum NAD83 Job Number

