

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(12-1) PCC-1	JACKSON	52	3
F.A.P. 331/F.A.S. 1909			CONTRACT NO. 78612	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-7

PROPOSED HIGHWAY PLANS

FAP 331/FAS 1909 (IL 149/127)
SECTION (12-1)PCC-1
PROJECT STP-QN13(866)
PAVEMENT REPLACEMENT AND ADA UPGRADES
JACKSON COUNTY

DESIGN DESIGNATION

1402(21) OTHER PRINCIPAL ARTERIAL 4.13 (PCC-21)

TRAFFIC DATA

IL 149 (2019)
ADT = 14,550
SU = 550
MU = 275

STATION EQUATION
364 + 06.26 BK = 0 + 00.00 AH
(IL 149)

C-99-066-17

TOWNSHIPS

MURPHYSBORO

COORDINATE SYSTEM

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

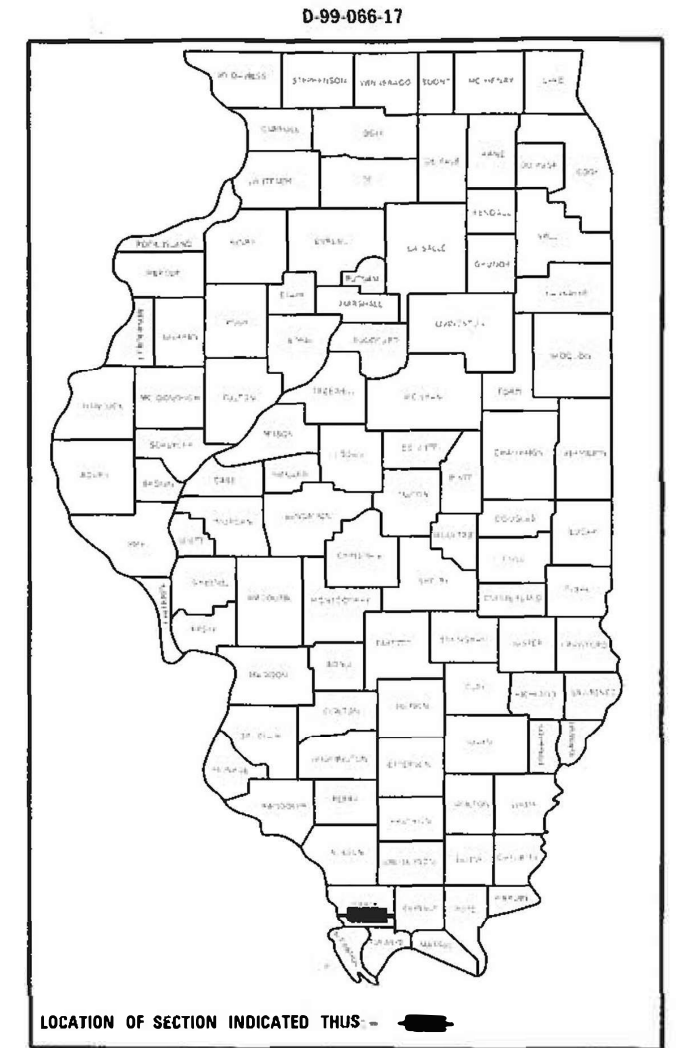
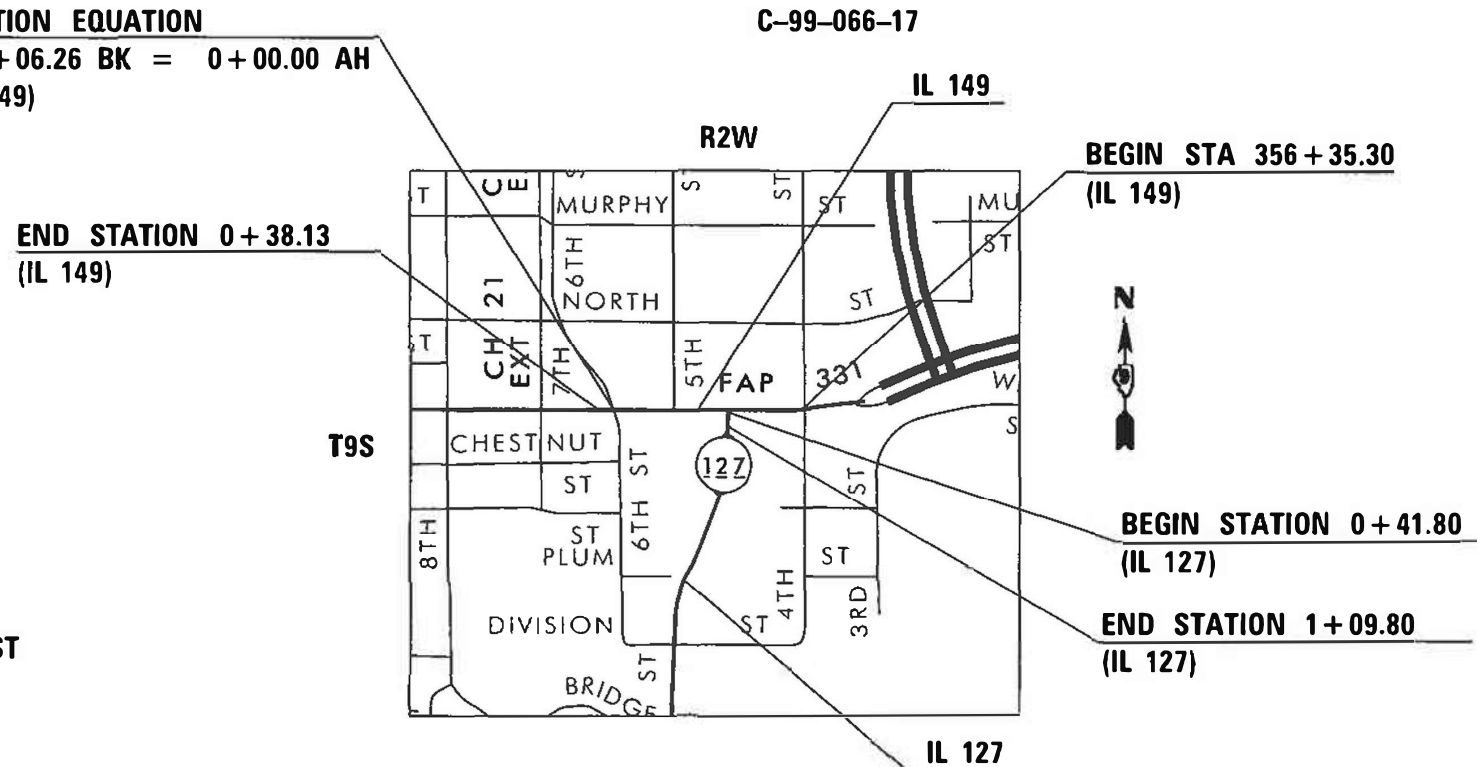
POSTED SPEED 30, 40 MPH

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

PROJECT ENGINEER SUSAN POE
PROJECT MANAGER JOHN ROBINSON

CONTRACT NO. 78612

GROSS LENGTH = 809.1 FT.
NET LENGTH = 809.1 FT.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03-17-21
[Signature] AL ENGINEER

May 7, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Heo
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Caro Nils
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kel Nils
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	2
* F.A.P. 331/F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
4-7	SUMMARY OF QUANTITIES
8-10	TYPICAL SECTIONS
11-13	SCHEDULES
14	GEOPAK ELEMENT IDENTIFICATION
15	TIE POINTS INFORMATION
16-17	PLAN PROFILE: IL 149
18	REMOVAL SHEET
19	CONSTRUCTION SHEET
20	INTERSECTION ELEVATIONS / JOINTING PLAN
21-22	SIDEWALK DETAILS
23	PAVEMENT MARKING SHEET
24-26	STAGING PLAN
27-29	DETOUR PLAN
30	EXISTING AND PROPOSED TRAFFIC SIGNALS
31	TRAFFIC SIGNAL WIRING SCHEMATIC
32	TRAFFIC PHASE DIAGRAM AND INLET MODIFICATION DETAIL
33	PEDESTRIAN PUSH BUTTON DETAIL
34-44	CROSS SECTION SHEETS - IL 149
45-46	CROSS SECTION SHEETS - IL 127
47-50	CROSS SECTION SHEETS - IL 127 SW RADIUS
51-52	CROSS SECTION SHEETS - IL 127 SE RADIUS

GENERAL NOTES

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

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.
EARTH	110 LBS/CU. FT.
LIME	4, 5, OR 6% WEIGHT OF EARTH

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PCC SURFACE AT 300 FT INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT (USING EXISTING IL 149 ALIGNMENT) AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EARTH EXCAVATION REQUIRED IN THE CONSTRUCTION OF THE ADA RAMPS AND STAMPED COLORED CONCRETE MEDIAN SURFACE 4" WILL NOT BE PAID FOR SEPERATLY AND WILL BE INCLUDED IN THE COST OF PCC SIDEWALK AND STAMPED COLORED CONCRETE MEDIAN SURFACE 4" RESPECTIVELY.

HIGHWAY STANDARDS

- 000001-08_STANDARDSYMBOLSABBREVIATIONS&PATTERNS-001
- 001001-02_AREASOFREINFREBARS
- 001006_DECIMALOFINCH&FOOT
- 420001-09_PAVEMENTJOINTS
- 420101-06_24FTJOINTEDPCCPVM
- 420106-06_36FTJOINTEDPCCPVM
- 420111-04_PCCPVMROUNDOUTS
- 424001-11_PERPENDICULARCURBRAMPS
- 604001-05_FRAM&LIDS-TYPE1
- 606001-07_CONCCURBTYP&COMBOCONCC&G
- 701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
- 701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
- 701301-04_LNCLOSURE2L2W-SHORTTIMEOP
- 701502-09_URBANLNCLOSURE2L2WWITHBIDIRECTLEFTTURNLN
- 701606-10_URBANSINGLELNCLOSUREMULTILN2WWITHMOUNTABLEMED
- 701611-01_URBANHALFROADCLOSUREMULTILN2WWITHMOUNTABLEMED
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701801-06_SIDEWALKCORNERORCROSSWALKCLOSURE
- 701901-08_TRAFCNTRLDEVICES
- 720001-01_SIGNPANELMOUNTDETAILS
- 720006-04_SIGNPANELERECTDETAILS
- 720011-01_METALPOSTSFORSIGNSMRKRS&DELINEATORS
- 780001-05_TYPICALPVMTMRKINGS
- 857001-01_STDPHASEDESIGNATIONDIAGRAMS&PHASESEQ
- 862001-01_UPS
- 873001-02_TRAFSIGNALGROUND&BOND
- 876001-04_PEDESTRIANPUSHBUTTONPOST
- 880006-01_TRFSIGNALMOUNTDETAILS-POST&BRACKETMOUNT
- BLR21-9_TYPAPPTRAFCNTRLDEVICES-CONSTRONRURALLOCALHWYS

COMMITMENTS

NONE

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PLOT DATE = 4/21/2021	CHECKED -	REVISED -			* F.A.P. 331/F.A.S. 1909	CONTRACT NO. 78612			
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

COUNTY:	JACKSON COUNTY	JACKSON COUNTY
ROUTE:	IL 149 / IL 127 (FAP 331 / FAS 1909)	IL 149 / IL 127 (FAP 331 / FAS 1909)
FUNDING:	STP 80% FEDERAL 20% STATE	STP 80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	ROADWAY	SIGNALS
	0004	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	SIGNALS
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	4,059	4,059	
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	4,053	4,053	
42001300	PROTECTIVE COAT	SQ YD	4,302	4,302	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	156		156
42400800	DETECTABLE WARNINGS	SQ FT	31		31
44000100	PAVEMENT REMOVAL	SQ YD	4,053	4,053	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	176	176	
44000600	SIDEWALK REMOVAL	SQ FT	151		151
44201299	DOWEL BARS 1 1/2"	EACH	133	133	
44213204	TIE BARS 3/4"	EACH	447	447	
56109210	WATER VALVES TO BE ADJUSTED	EACH	2	2	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	150	150	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	26	26	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	4
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON COUNTY	JACKSON COUNTY
ROUTE:	IL 149 / IL 127 (FAP 331 / FAS 1909)	IL 149 / IL 127 (FAP 331 / FAS 1909)
FUNDING:	STP 80% FEDERAL 20% STATE	STP 80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	ROADWAY	SIGNALS
	0004	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	SIGNALS
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2	
67100100	MOBILIZATION	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	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	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	13	13	
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	1235	1235	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	105	105	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	336	336	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	45	45	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5	5	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	92	92	
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2570	2570	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	5
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON COUNTY	JACKSON COUNTY
ROUTE:	IL 149 / IL 127 (FAP 331 / FAS 1909)	IL 149 / IL 127 (FAP 331 / FAS 1909)
FUNDING:	STP 80% FEDERAL 20% STATE	STP 80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	ROADWAY	SIGNALS
	0004	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	SIGNALS
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	136	136	
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	95	95	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	60	60	
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	13		13
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	110		110
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	193		193
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	213		213
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	56		56
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	232		232
* 87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	1		1
* 87900100	DRILL EXISTING FOUNDATION	EACH	1		1
* 87900200	DRILL EXISTING HANDHOLE	EACH	4		4
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2		2

* SPECIALTY ITEM

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PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	6
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

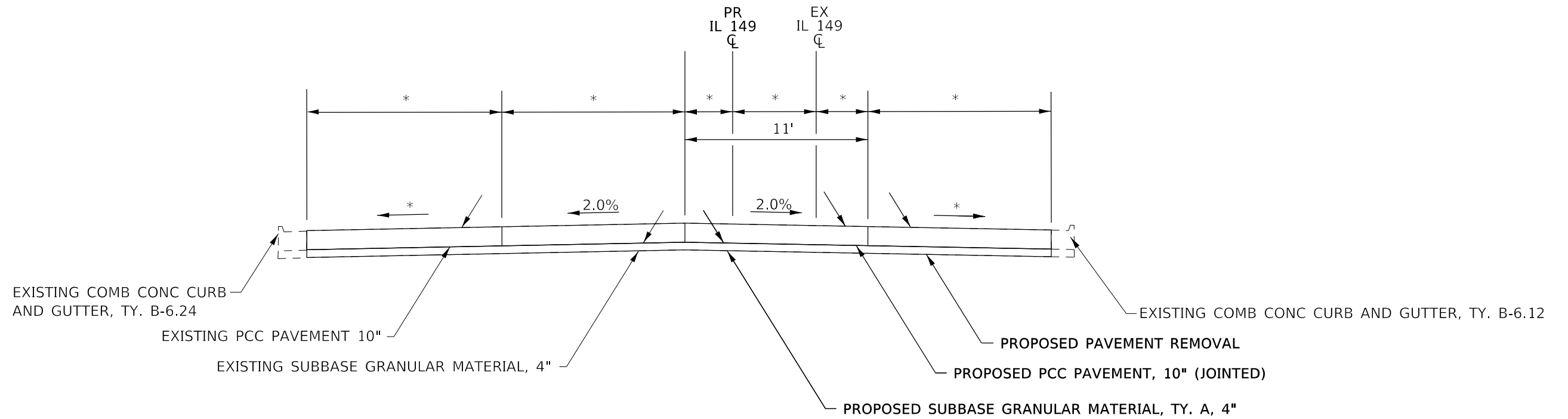
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ROUTE:	IL 149 / IL 127 (FAP 331 / FAS 1909)	IL 149 / IL 127 (FAP 331 / FAS 1909)
FUNDING:	STP 80% FEDERAL 20% STATE	STP 80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN	
				ROADWAY 0004	SIGNALS 0021
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1
X0325299	INLET MODIFICATION	EACH	1	1	
X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	1873	1873	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	7631	7631	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	92	92	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2570	2570	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	136	136	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	95	95	
* X8620310	REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1		1
Z0010615	CLEANING EXISTING INLETS	EACH	1	1	

* SPECIALTY ITEM

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IL 149 TYPICAL SECTIONS



TO BE USED:

STA 104+96.9 TO STA 107+13.4
(PROPOSED IL 149 ALIGNMENT)

* - VARIABLE (SEE INTERSECTION DETAIL AND CROSS SECTION SHEETS FOR ELEVATIONS, CROSS SLOPES AND OFFSETS)

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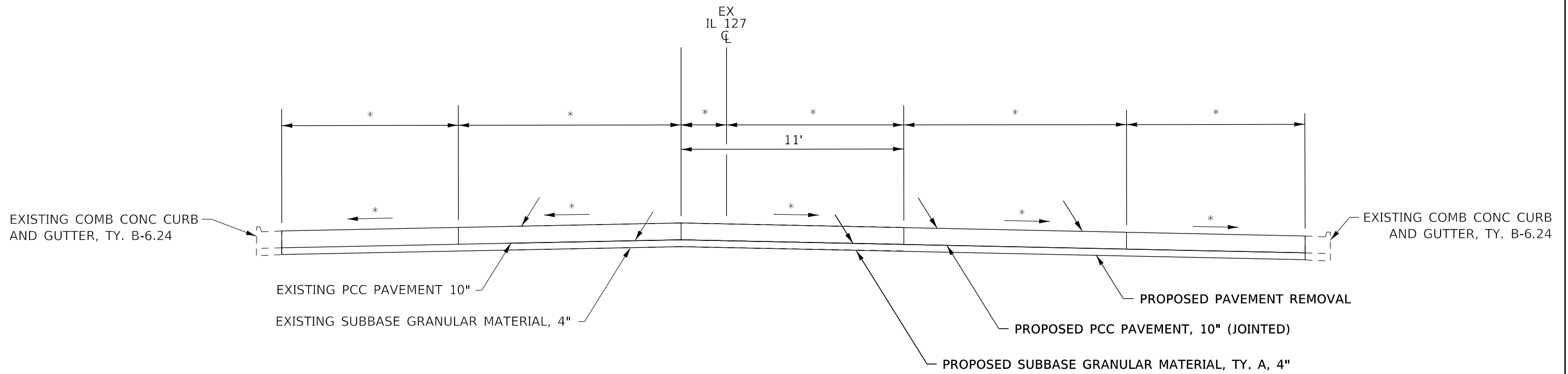
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PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

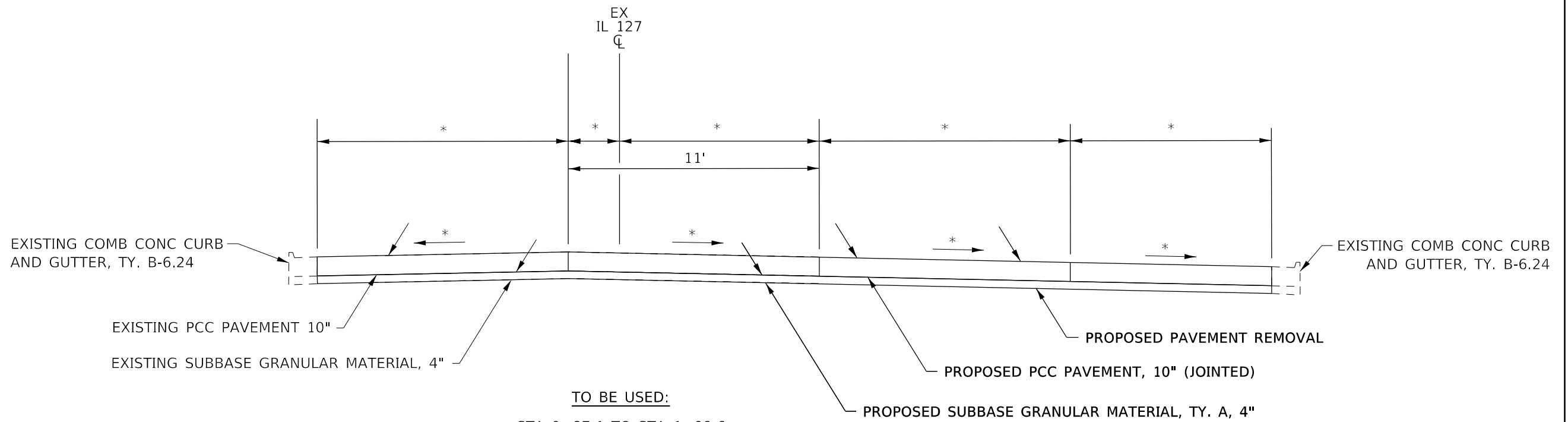
TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.* RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	9
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

IL 127 TYPICAL SECTIONS



TO BE USED:
 STA 0+41.8 TO STA 0+87.1
 (EXISTING IL 127 ALIGNMENT)



TO BE USED:
 STA 0+87.1 TO STA 1+09.6
 (EXISTING IL 127 ALIGNMENT)

* - VARIABLE (SEE INTERSECTION DETAIL AND CROSS SECTION SHEETS FOR ELEVATIONS, CROSS SLOPES AND OFFSETS)

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	10
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

LOCATION			PAVEMENT OR MEDIAN WIDTH	PAVEMENT REMOVAL	SUBBASE GRANULAR MATERIAL, TY. A, 4"	PCC JOINTED PAVEMENT, 10"	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	TIE BARS, 3/4"	DOWEL BARS, 1 1/2"	PROTECTIVE COAT	REMARKS	
			FT	SQ YD	SQ YD	SQ YD	SQ FT	EACH	EACH	SQ YD		
IL 149												
100+60.8	TO	103+27.5	11	326	326	326			11	326	STAGE 1 - WB LT LANE	
100+60.8	TO	106+61.3	11	734	734	734		200	11	734	STAGE 1 - WB RT LANE	
100+60.8	TO	103+27.5	11	326	326	326			11	326	STAGE 2 - LT TN LANE/CENTER LANE	
103+27.5	TO	107+13.4	11	472	472	472			11	472	STAGE 2 - WB LT LANE/CENTER LANE	
106+61.3	TO	107+13.4	11	64	64	64		17	11	64	STAGE 2 - WB RT LANE	
103+27.5	TO	107+13.4	VARIABLE	360	360	360			4	360	STAGE 2 - EB RT LANE/CENTER LANE	
100+60.8	TO	107+13.4	VARIABLE	1278	1278	1278		157	35	1278	STAGE 3 - EB RT & LT LANES	
356+35.3 RT	TO	360+35.3 RT	VARIABLE				1873			208	EXISTING IL 149 ALIGNMENT	
IL 127												
0+41.8	TO	1+09.6	VARIABLE	493	493	493		73	39	493	STAGE 3 - NB, SB & TURN LANES & RADII	
TOTALS					4053	4053	4053	1873	447	133	4261	

STAMPED CONCRETE MEDIAN WIDTH REFERENCE TABLE

STATION (IL 149) EXISTING	STATION (IL 149) EXISTING	LENGTH FEET	AVG. WIDTH FEET	AREA SQ FT
356+35.3	356+85.3	50	5.40	270.0
356+85.3	357+35.3	50	5.15	257.5
357+35.3	357+85.3	50	4.43	221.3
357+85.3	358+35.3	50	4.38	218.8
358+35.3	358+85.3	50	4.70	235.0
358+85.3	359+35.3	50	4.58	228.8
359+35.3	359+85.3	50	4.68	233.8
359+85.3	360+35.3	50	4.15	207.5
			TOTAL =	1873

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PAVEMENT MARKING SCHEDULE

LOCATION					POLYUREA PAVEMENT MARKING LINE 6"		POLYUREA MARKING LETTERS AND SYMBOLS	POLYUREA PAVEMENT MARKING LINE 12" (WHITE)	POLYUREA PAVEMENT MARKING 24" LINE (WHITE)	GROOVING FOR RECESSED PAVEMENT MARKINGS - 7 INCH	GROOVING FOR RECESSED PAVEMENT MARKINGS - 13 INCH	GROOVING FOR RECESSED PAVEMENT MARKINGS - 25 INCH	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND	DESCRIPTION
					WHITE	YELLOW								
STA	O/S	TO	STA	O/S	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
IL 149														
100+60.0	11.0LT	TO	101+45.0	12.5LT		170.0				170.0				DOUBLE YELLOW
100+60.0	0.37LT	TO	101+45.0	1.5LT	85.0					85.0				SINGLE WHITE
100+60.0	10.5RT	TO	105+30.0	11.0RT	110.0					110.0				SKIP DASH
101+45 @ 12.5' LT									33.0			33.0		STOP BAR
100+60.0	22.5LT	TO	101+44.0	23.5LT	20.0					20.0				SKIP DASH
100+77.4 @ 3.58' LT							8.8						8.8	LEFT TURN ARROW
102+34.0	2.5LT	TO	107+13.0	4.5RT		958.0				958.0				DOUBLE YELLOW
104+60.1 @ 2.5' RT							41.5						41.5	MERGE RIGHT ARROW
105+42.4 @ 4.0' RT							41.5						41.5	MERGE RIGHT ARROW
102+34.0	12.5LT	TO	107+13.0	6LT		958.0				958.0				DOUBLE YELLOW
102+36.0	23.5LT	TO	105+25.0	13.0LT	70.0					70.0				SKIP DASH
102+34 @ 35.0' LT									37.0			37.0		STOP BAR
IL 127														
0+61.0	20.0LT	TO	0+75.0	38.0RT	114.5			136.0		114.5	136.0			CROSSWALK
0+82.0	2.0LT	TO	1+10.0	2.0LT	28.0					28.0				SINGLE WHITE
0+82.0	7.5RT	TO	1+10.0	8.0RT		56.0				56.0				DOUBLE YELLOW
0+82 @ 2.0' LT									25			25		STOP BAR
TOTALS						2570	92	136	95	2570	136	95	92	

SIDEWALK SCHEDULE

LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	SUBBASE GRANULAR MATERIAL, TY. A, 4"	PROTECTIVE COAT
				SQ FT	SQ FT	SQ FT	FOOT	FOOT	FOOT	SQ YD	SQ YD
IL 127											
101+40.50	TO	101+64.07	LT	77.4	71.9	15.2	12.3		12.3	2.8	3.4
102+21.40	TO	102+42.60	LT	78.6	78.6	16	13.8		13.8	3.2	3.8
							150	150			33.3
TOTALS				156	151	31	176	150	26	6	41

*NOTE - A QUANTITY OF COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 HAS BEEN INCLUDED TO BE USED AT THE DISCRETION OF THE ENGINEER.

MODEL: Schedules
 FILE: Model: PavementMarkingDOT - Office\Bldg1 - 9\Projects\78612\CAAD\Bldg1\DOT - Office\Bldg1 - 9\Projects\78612\SubB-Typ_Sch_The_CeaparkElements.dgn

USER NAME = white	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	12
* F.A.P. 331/F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS FED. AID PROJECT				

DETOUR SIGNING SCHEDULE

SIGN ID NO.	DESCRIPTION	SIGN SIZE			SIGN AREA SQ FT	TOTAL SIGNS REQUIRED EACH	SIGN PANEL TYPE 1 SQ FT	SIGN PANEL TYPE 2 SQ FT
		INCH						
M3-1	CARDINAL DIRECTION (NORTH)	24	x	12	2.0	5	10.0	
M3-3	CARDINAL DIRECTION (SOUTH)	24	x	12	2.0	8	16.0	
M3-4	CARDINAL DIRECTION (WEST)	24	x	12	2.0	17	34.0	
M4-8	DETOUR	24	x	12	2.0	30	60.0	
M1-5	ILLINOIS 127	30	x	24	5.0	13	65.0	
M1-5	ILLINOIS 149	30	x	24	5.0	17	85.0	
M5-1L	LEFT TURN ARROW	21	x	15	2.2	8	17.6	
M5-1R	RIGHT TURN ARROW	21	x	15	2.2	6	13.2	
M6-1L	LEFT ARROW	21	x	15	2.2	8	17.6	
M6-1R	RIGHT ARROW	21	x	15	2.2	6	13.2	
M6-3	ARROW (STRAIGHT)	21	x	15	2.2	2	4.4	
W20-2A	DETOUR AHEAD	36	x	36	9.0	5		45
TOTALS						125	336	45

DRAINAGE SCHEDULE

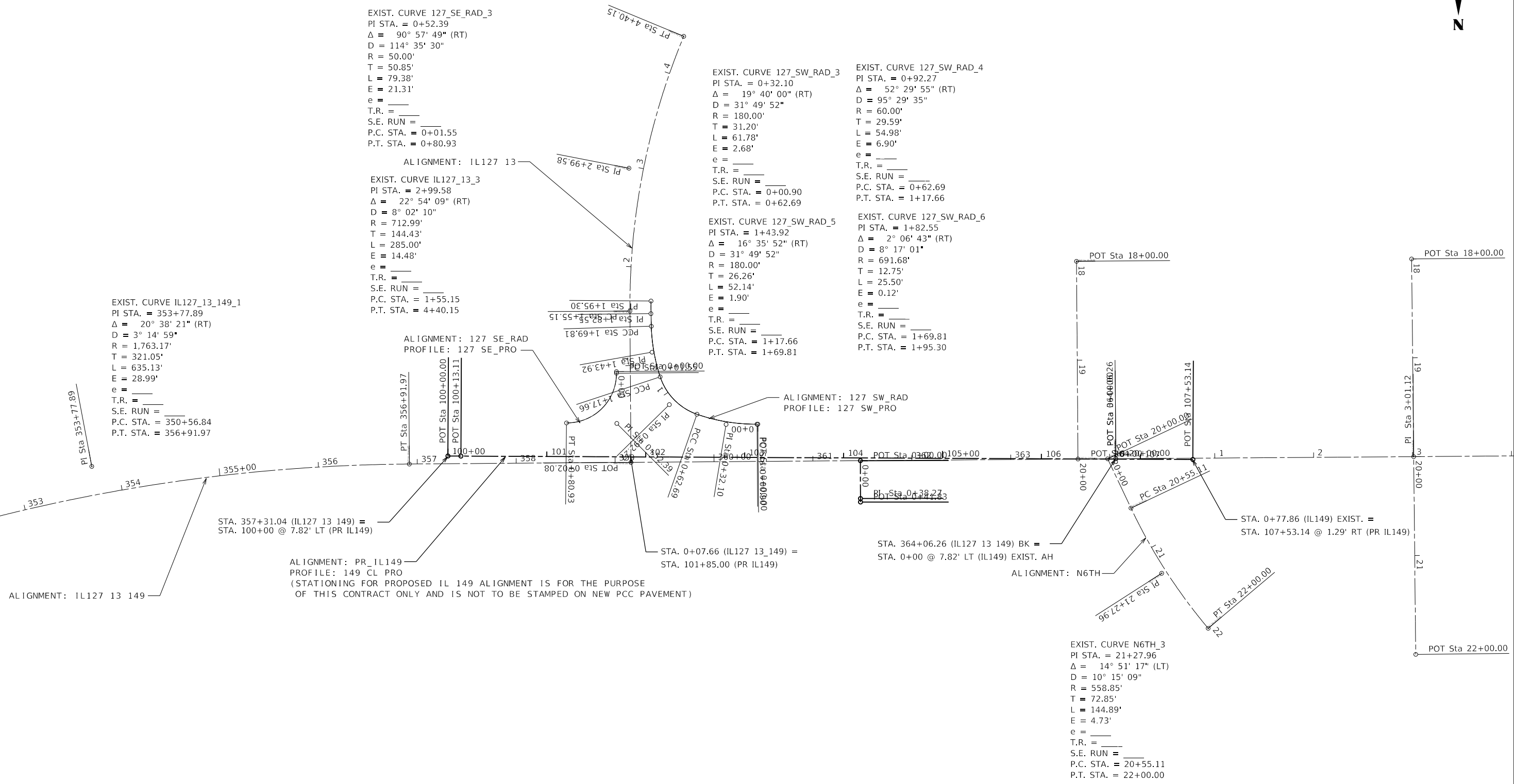
LOCATION	INLET MODIFICATION	CLEANING EXISTING INLETS	REMARKS
IL 149	EACH	EACH	
101+95.21, 22.96' RT	1	1	
TOTALS	1	1	

MODEL: Schedules
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NOT TO SCALE



MODEL: Schedule
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EXIST. CURVE IL127_13_149_1
 PI STA. = 353+77.89
 $\Delta = 20^\circ 38' 21''$ (RT)
 $D = 3^\circ 14' 59''$
 $R = 1,763.17'$
 $T = 321.05'$
 $L = 635.13'$
 $E = 28.99'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 350+56.84$
 $P.T. STA. = 356+91.97$

EXIST. CURVE 127_SE_RAD_3
 PI STA. = 0+52.39
 $\Delta = 90^\circ 57' 49''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 50.85'$
 $L = 79.38'$
 $E = 21.31'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 0+01.55$
 $P.T. STA. = 0+80.93$

EXIST. CURVE IL127_13_3
 PI STA. = 2+99.58
 $\Delta = 22^\circ 54' 09''$ (RT)
 $D = 8^\circ 02' 10''$
 $R = 712.99'$
 $T = 144.43'$
 $L = 285.00'$
 $E = 14.48'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1+55.15$
 $P.T. STA. = 4+40.15$

EXIST. CURVE 127_SW_RAD_3
 PI STA. = 0+32.10
 $\Delta = 19^\circ 40' 00''$ (RT)
 $D = 31^\circ 49' 52''$
 $R = 180.00'$
 $T = 31.20'$
 $L = 61.78'$
 $E = 2.68'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 0+00.90$
 $P.T. STA. = 0+62.69$

EXIST. CURVE 127_SW_RAD_5
 PI STA. = 1+43.92
 $\Delta = 16^\circ 35' 52''$ (RT)
 $D = 31^\circ 49' 52''$
 $R = 180.00'$
 $T = 26.26'$
 $L = 52.14'$
 $E = 1.90'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1+17.66$
 $P.T. STA. = 1+69.81$

EXIST. CURVE 127_SW_RAD_4
 PI STA. = 0+92.27
 $\Delta = 52^\circ 29' 55''$ (RT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 29.59'$
 $L = 54.98'$
 $E = 6.90'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 0+62.69$
 $P.T. STA. = 1+17.66$

EXIST. CURVE 127_SW_RAD_6
 PI STA. = 1+82.55
 $\Delta = 2^\circ 06' 43''$ (RT)
 $D = 8^\circ 17' 01''$
 $R = 691.68'$
 $T = 12.75'$
 $L = 25.50'$
 $E = 0.12'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1+69.81$
 $P.T. STA. = 1+95.30$

EXIST. CURVE N6TH_3
 PI STA. = 21+27.96
 $\Delta = 14^\circ 51' 17''$ (LT)
 $D = 10^\circ 15' 09''$
 $R = 558.85'$
 $T = 72.85'$
 $L = 144.89'$
 $E = 4.73'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 20+55.11$
 $P.T. STA. = 22+00.00$

STA. 357+31.04 (IL127 13 149) =
 STA. 100+00 @ 7.82' LT (PR IL149)

ALIGNMENT: PR_IL149
 PROFILE: 149 CL PRO
 (STATIONING FOR PROPOSED IL 149 ALIGNMENT IS FOR THE PURPOSE
 OF THIS CONTRACT ONLY AND IS NOT TO BE STAMPED ON NEW PCC PAVEMENT)

STA. 0+07.66 (IL127 13_149) =
 STA. 101+85.00 (PR IL149)

STA. 364+06.26 (IL127 13 149) BK =
 STA. 0+00 @ 7.82' LT (IL149) EXIST. AH

STA. 0+77.86 (IL149) EXIST. =
 STA. 107+53.14 @ 1.29' RT (PR IL149)

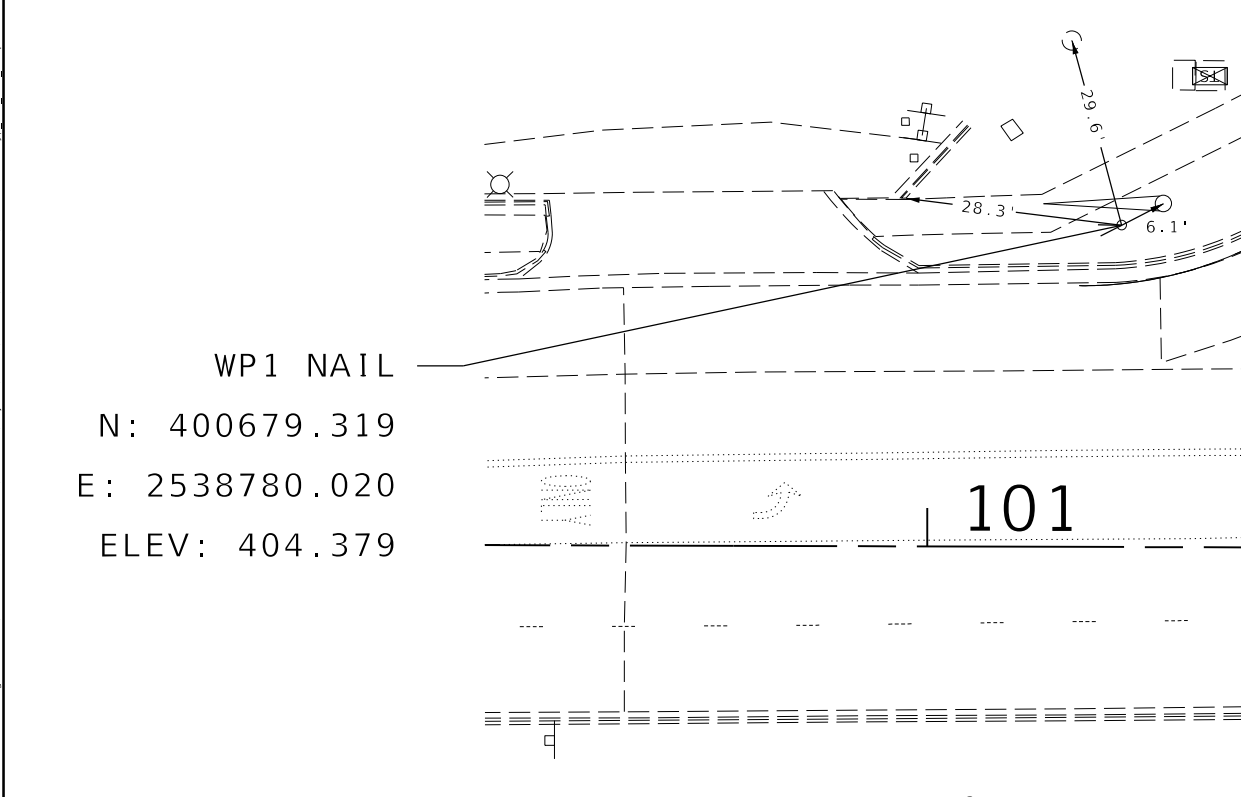
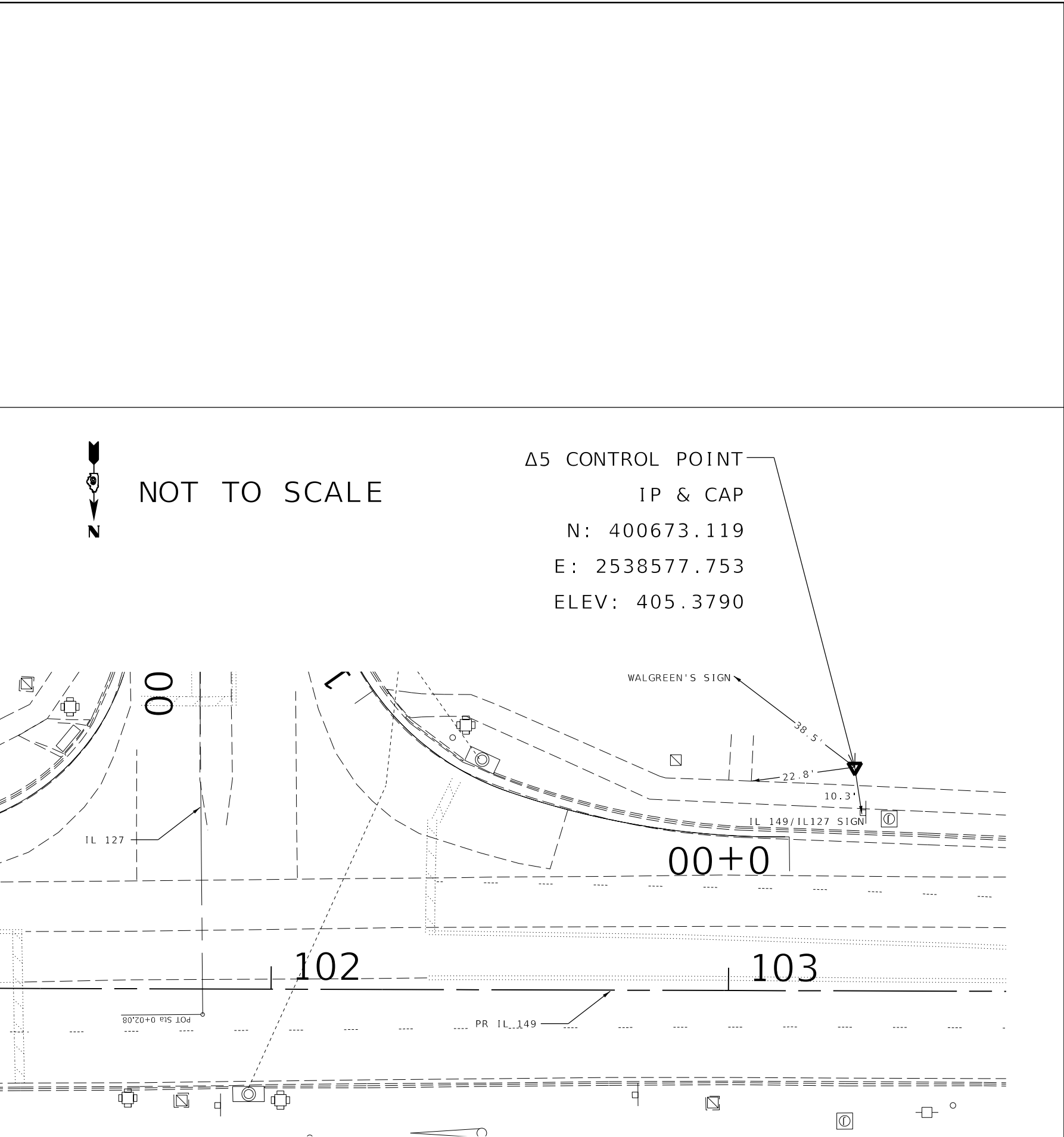
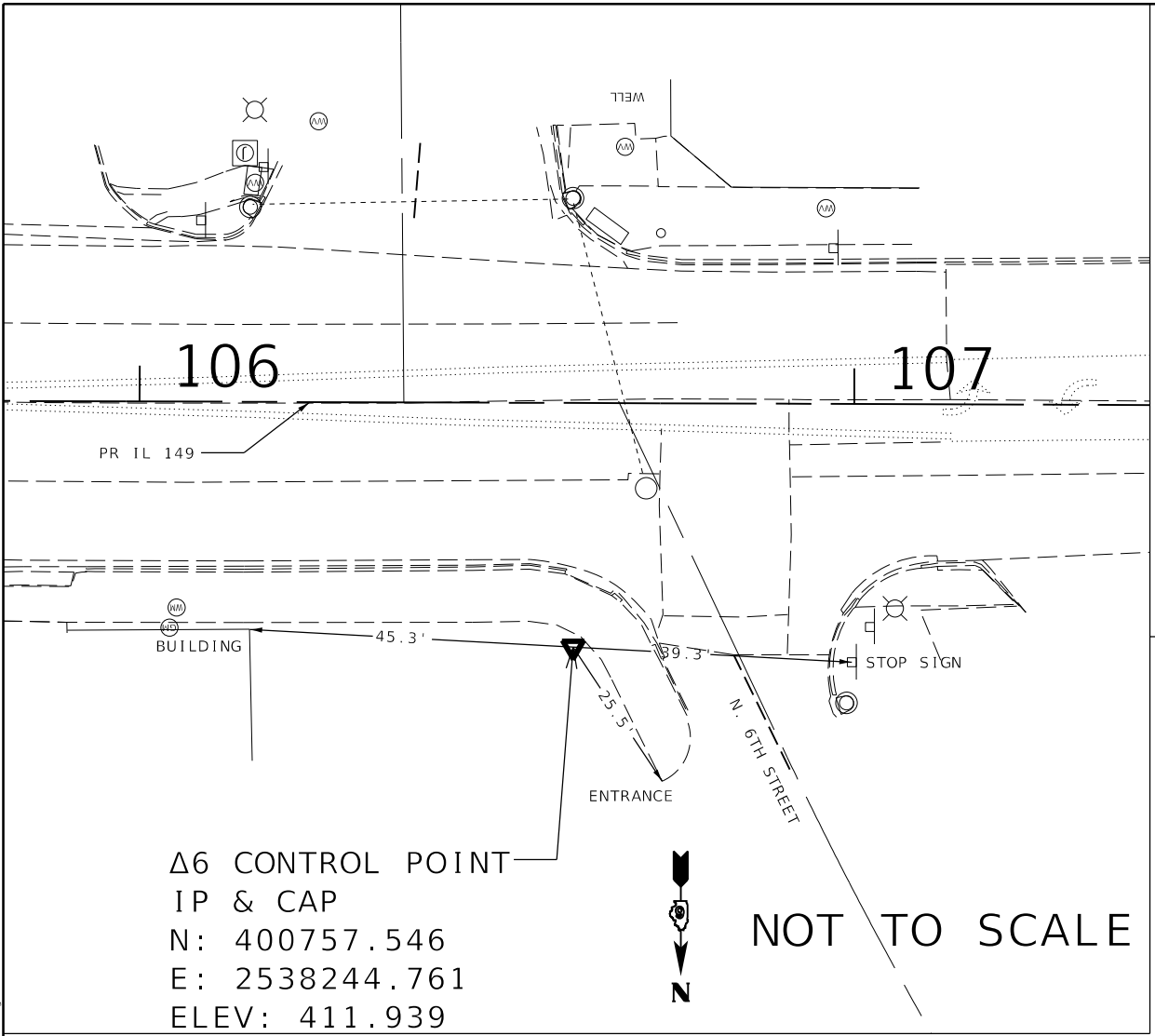
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PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GEOPAK ELEMENT IDENTIFICATION SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	14
* F.A.P. 331/F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		



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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/18/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS INFORMATION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	15
* F.A.P. 331/F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS FED. AID PROJECT				

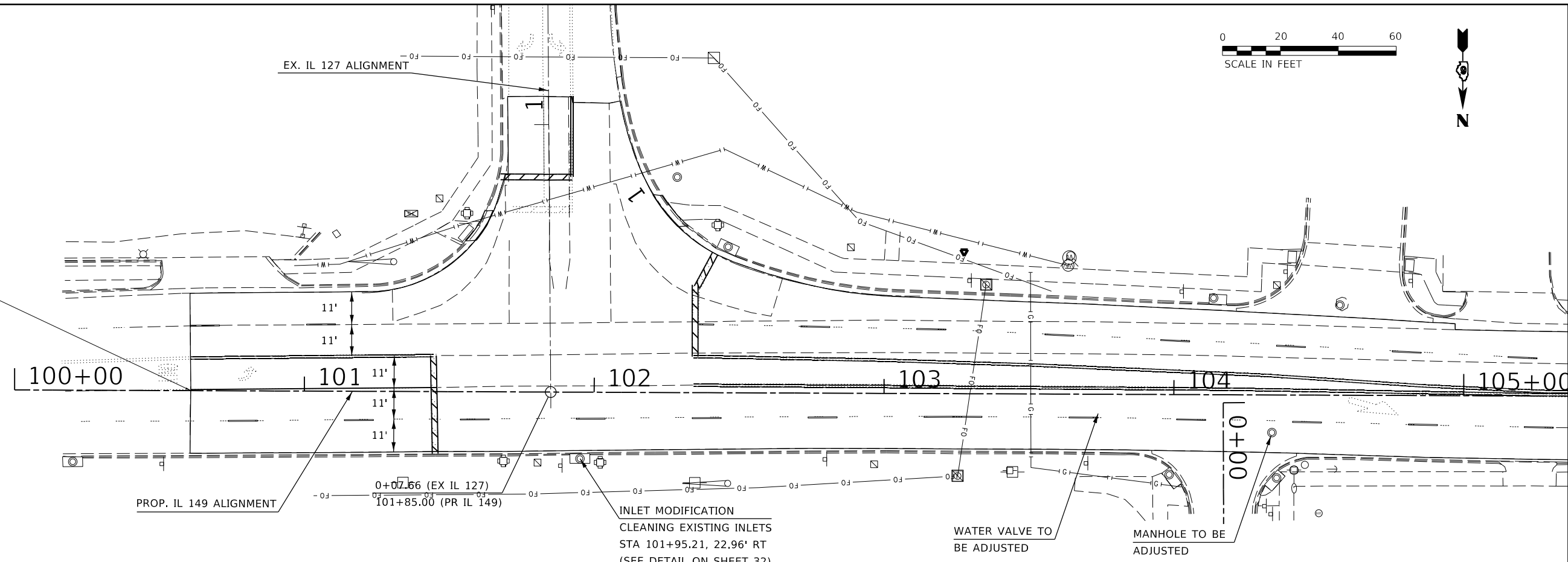
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	PLOTTED	
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	NOTE BOOK NO.	
	CADD FILE NAME	

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

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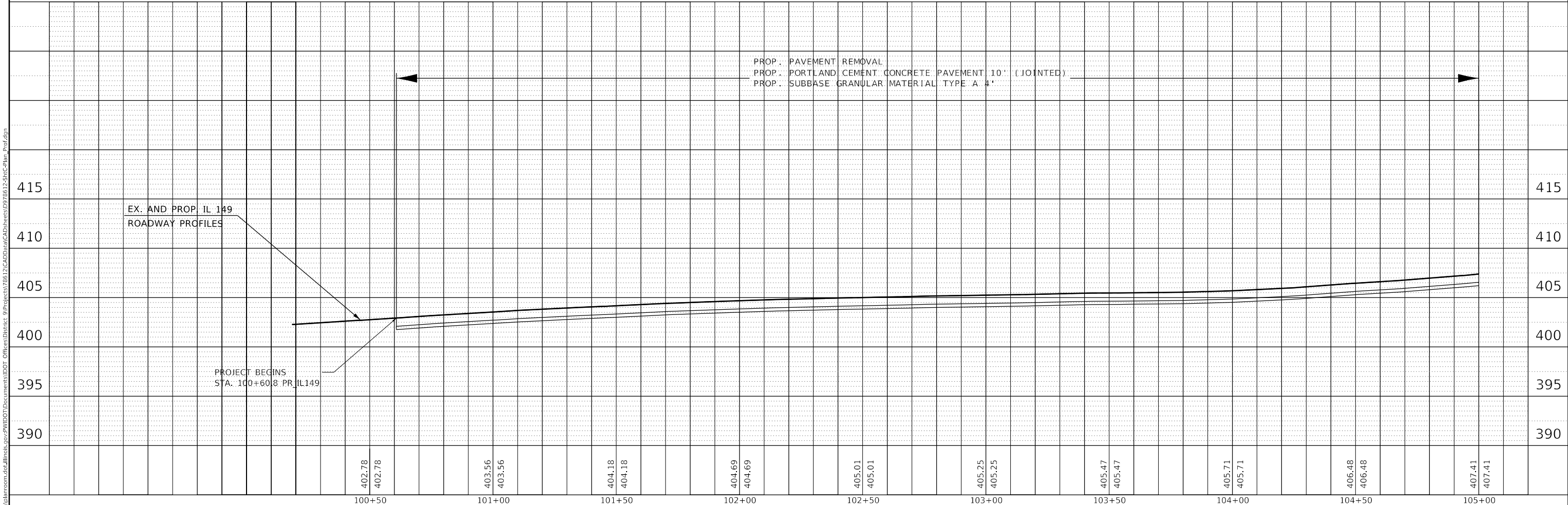
PROJECT BEGINS
STA. 100+60.8 PR IL149



PROP. PAVEMENT REMOVAL
PROP. PORTLAND CEMENT CONCRETE PAVEMENT 10' (JOINTED)
PROP. SUBBASE GRANULAR MATERIAL TYPE 'A' 4'

EX. AND PROP. IL 149
ROADWAY PROFILES

PROJECT BEGINS
STA. 100+60.8 PR IL149



USER NAME = white	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN PROFILE - IL 149

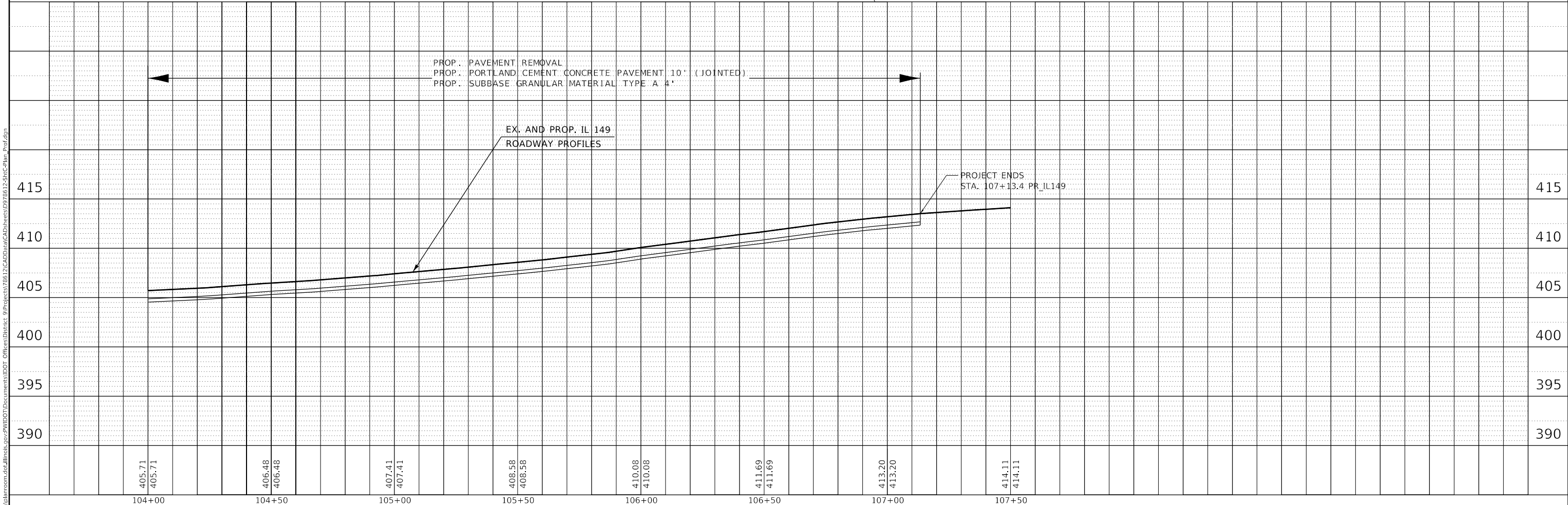
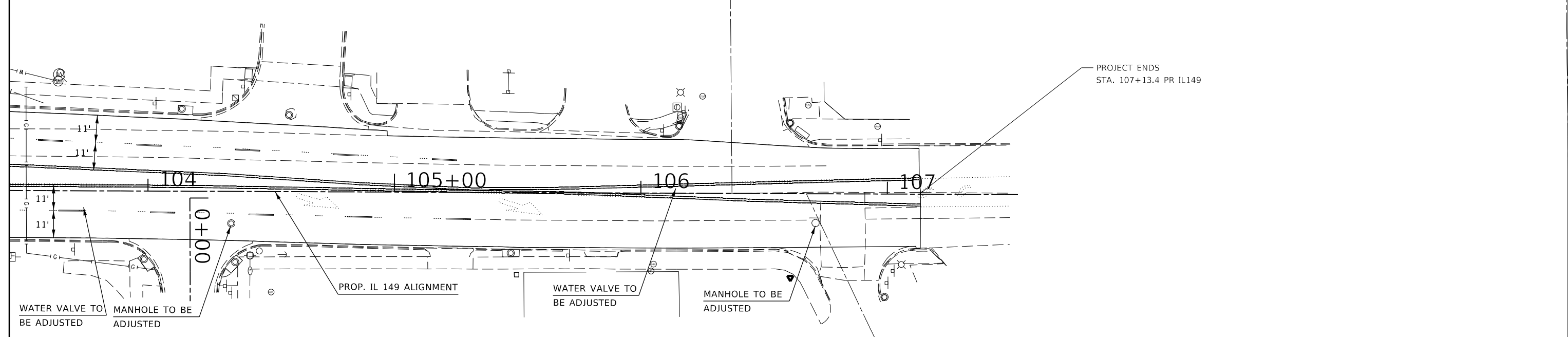
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC 1	JACKSON	52	16
* FAP 331/ FAS 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		



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

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



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104+00	405.71 405.71	104+50	406.48 406.48	105+00	407.41 407.41	105+50	408.58 408.58	106+00	410.08 410.08	106+50	411.69 411.69	107+00	413.20 413.20	107+50	414.11 414.11
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USER NAME = white	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

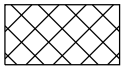
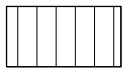
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

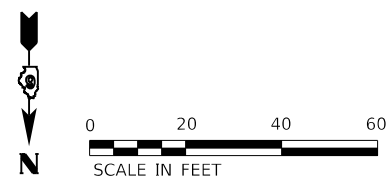
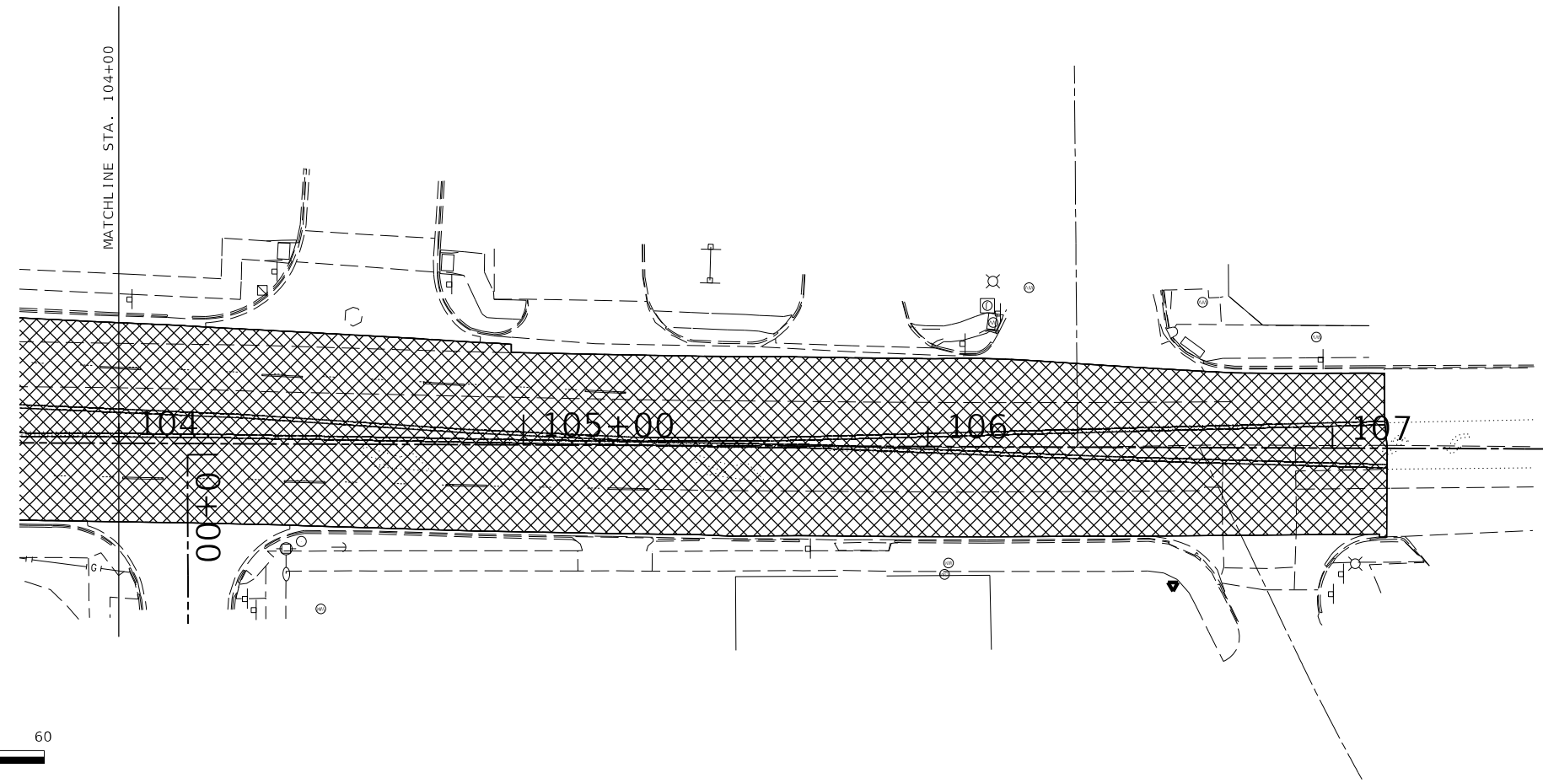
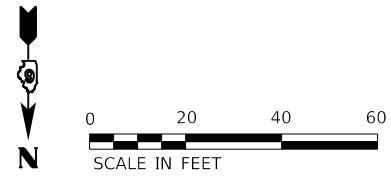
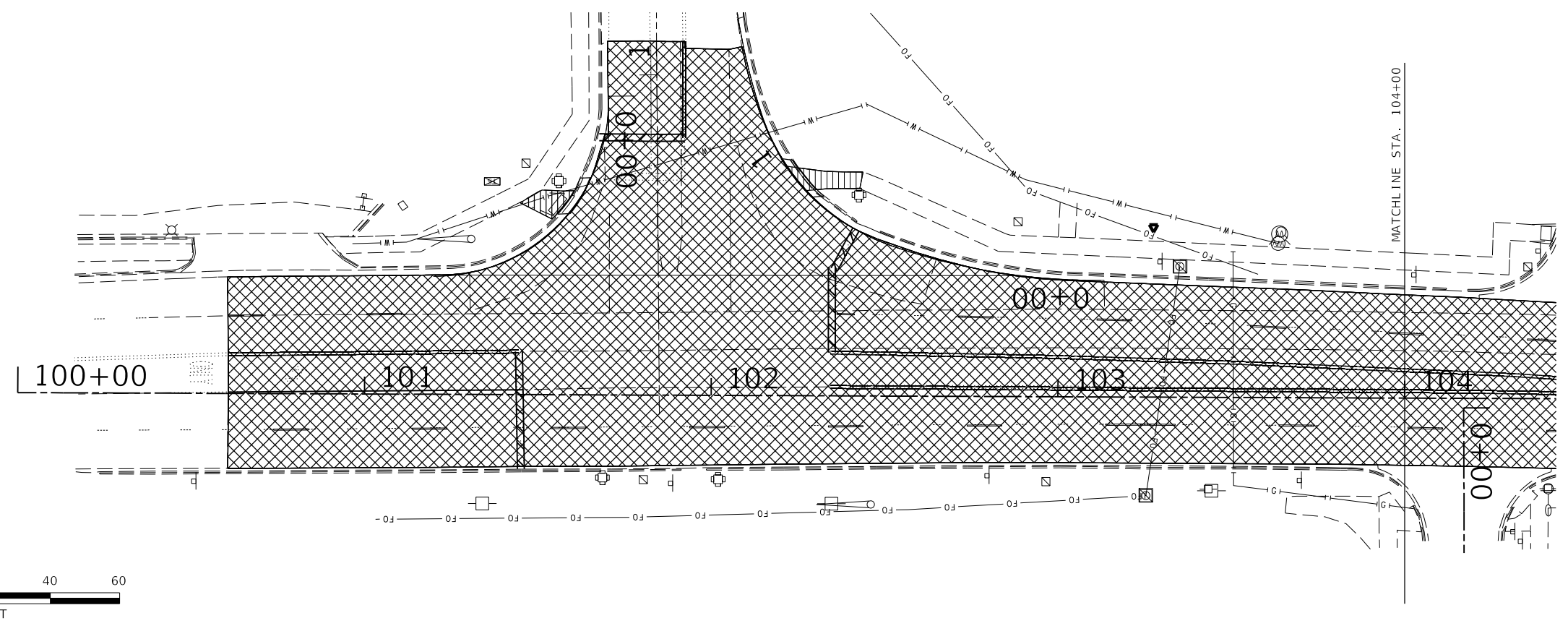
PLAN PROFILE - IL 149

SCALE: SHEET OF SHEETS STA. TO STA.



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC 1	JACKSON	52	17
* FAP 331/ FAS 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

LEGEND

-  - PROP. PAVEMENT REMOVAL (10")
-  - PROP. SIDEWALK REMOVAL



LEGEND

-  - PROP. PAVEMENT REMOVAL (10")
-  - PROP. SIDEWALK REMOVAL

MODEL: PLAN_P10_20
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PLOT DATE = 3/18/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC 1	JACKSON	52	18
* FAP 331/ FAS 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				



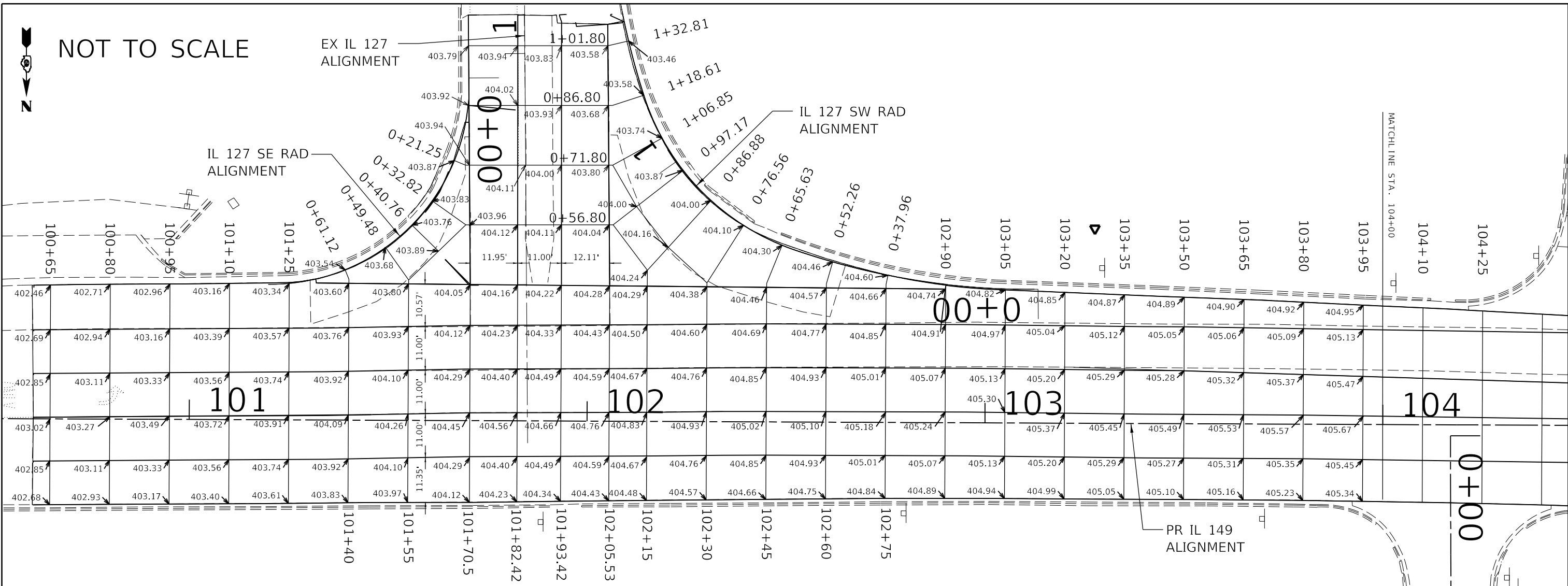
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EX IL 127 ALIGNMENT

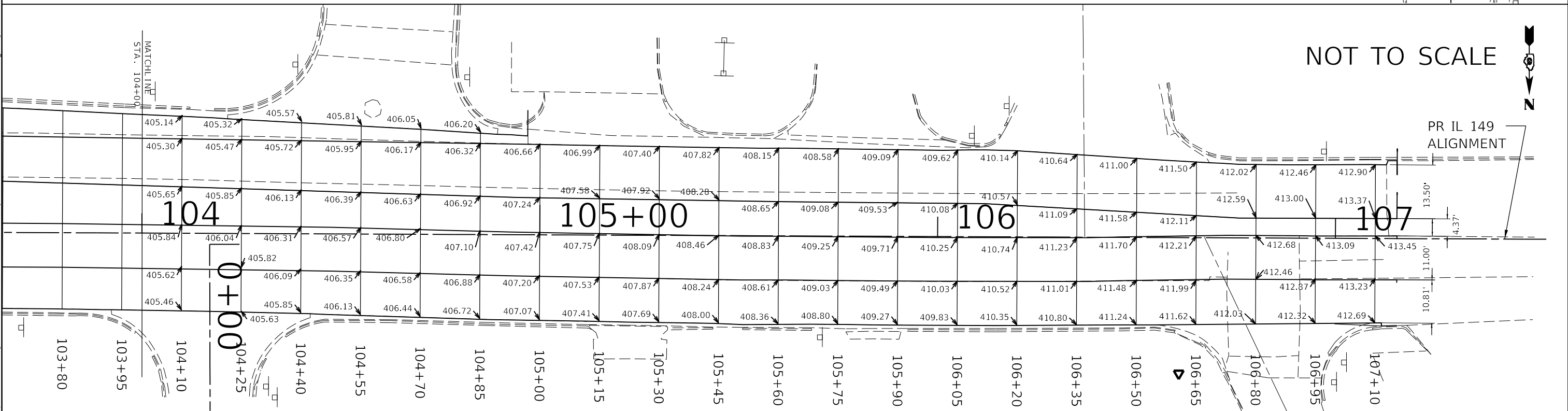
IL 127 SE RAD ALIGNMENT

IL 127 SW RAD ALIGNMENT

MATCHLINE STA. 104+00



NOT TO SCALE



MODEL PLAN IPR0 20
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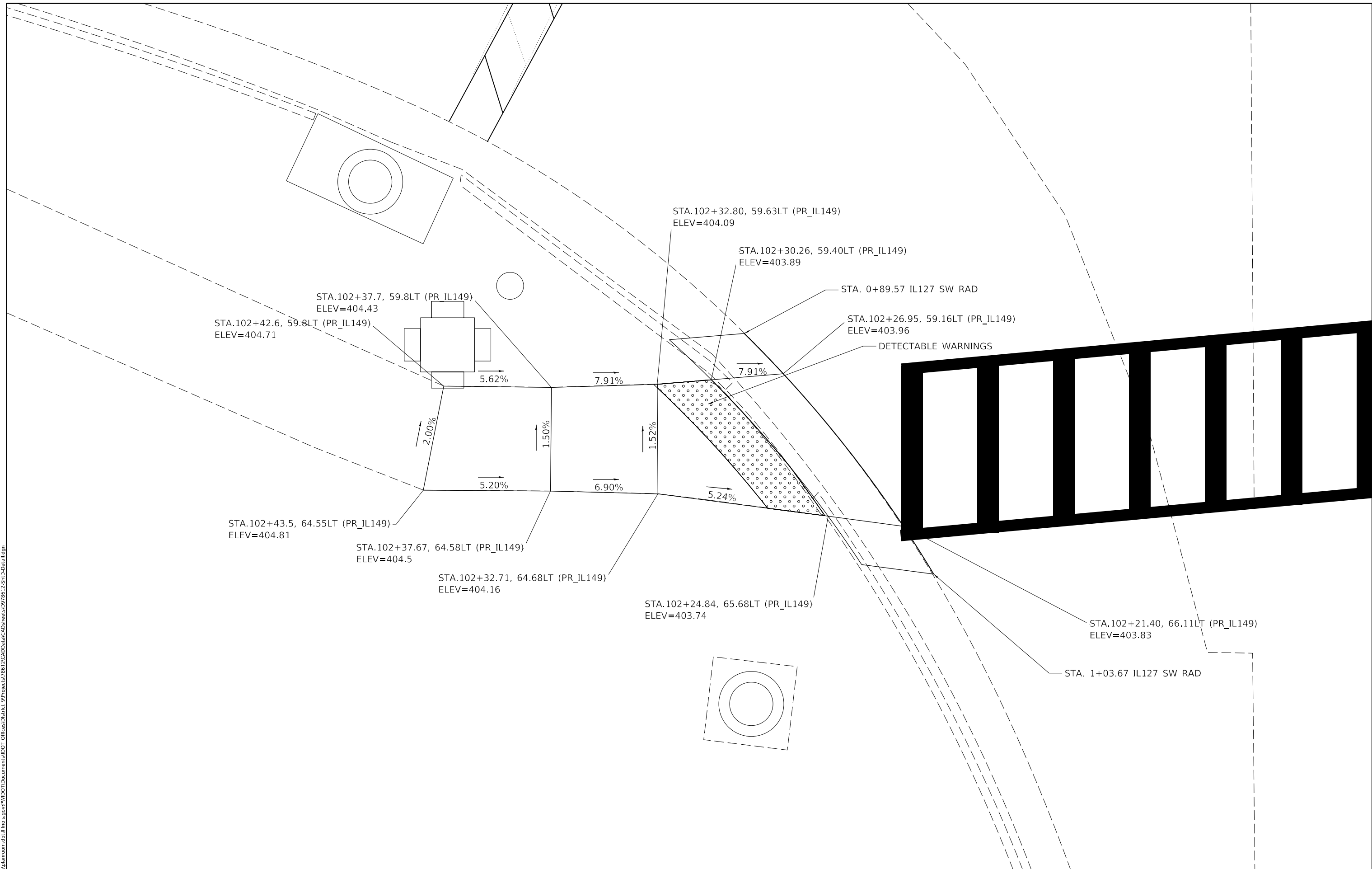
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION ELEVATIONS AND JOINTING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	20
* FAP 331/ FAS 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

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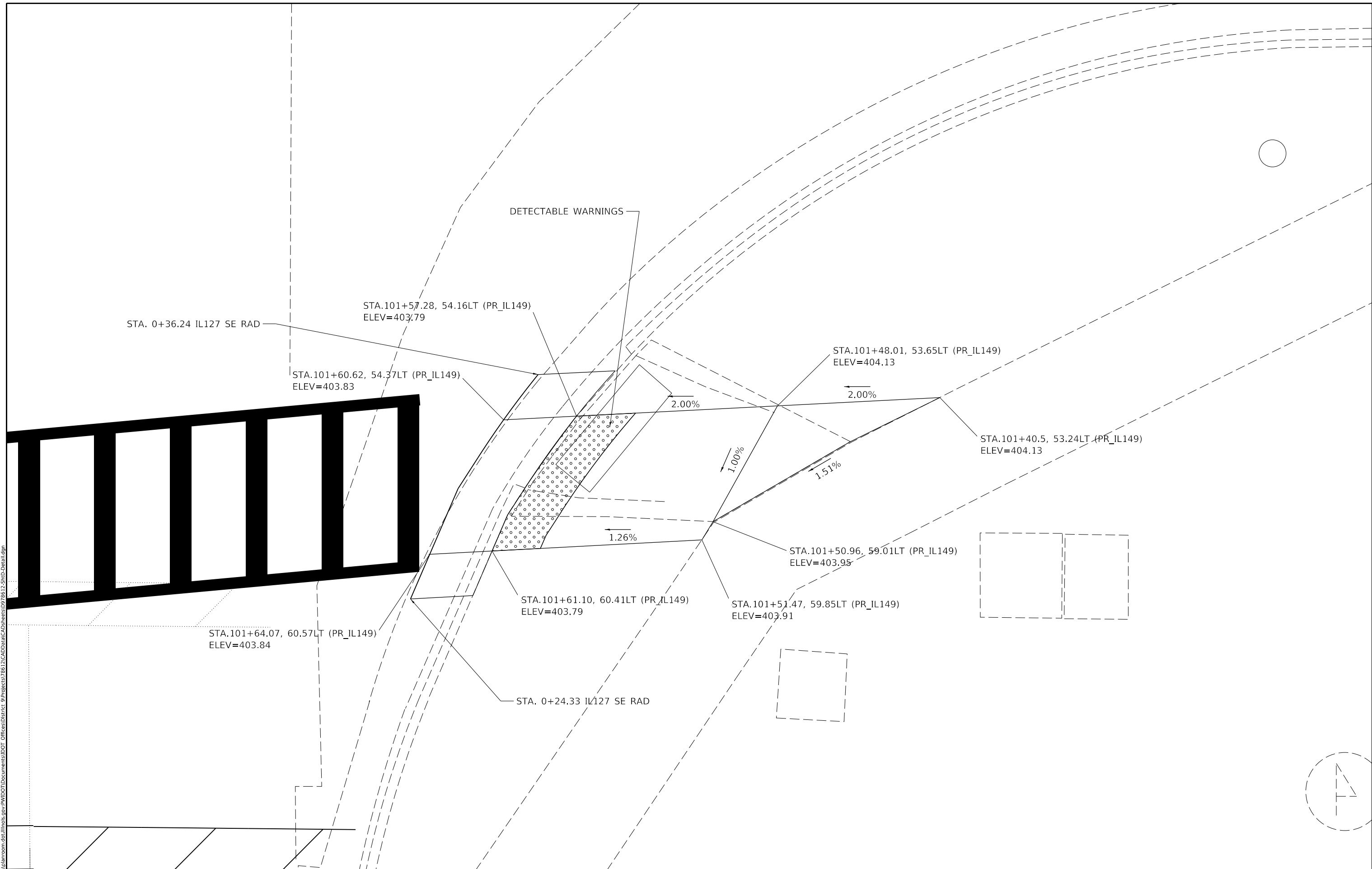
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PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
IL 127 SOUTHWEST RADIUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC 1	JACKSON	52	21
* FAP 331/ FAS 1909			CONTRACT NO. 78612	
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

MODEL: Default
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STA. 0+36.24 IL127 SE RAD

STA.101+57.28, 54.16LT (PR_IL149)
 ELEV=403.79

STA.101+60.62, 54.37LT (PR_IL149)
 ELEV=403.83

STA.101+48.01, 53.65LT (PR_IL149)
 ELEV=404.13

STA.101+40.5, 53.24LT (PR_IL149)
 ELEV=404.13

STA.101+50.96, 59.01LT (PR_IL149)
 ELEV=403.95

STA.101+51.47, 59.85LT (PR_IL149)
 ELEV=403.91

STA.101+61.10, 60.41LT (PR_IL149)
 ELEV=403.79

STA.101+64.07, 60.57LT (PR_IL149)
 ELEV=403.84

STA. 0+24.33 IL127 SE RAD

DETECTABLE WARNINGS

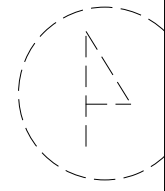
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS
 IL 127 SOUTHEAST RADIUS**

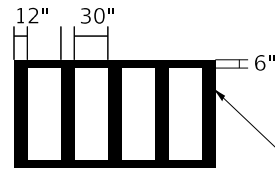
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PLOT DATE = 3/18/2021	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC 1	JACKSON	52	22
* FAP 331/ FAS 1909			CONTRACT NO. 78612	
ILLINOIS		FED. AID PROJECT		



PEDESTRIAN CROSSING PAVEMENT MARKING DETAIL



NOT TO SCALE
 PROP. POLYUREA PAVEMENT MARKING
 LINE 12" (WHITE)
 LINE 6" (WHITE)
 UNLESS OTHERWISE NOTED

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 24" (WHITE)

0+82, 16.5LT
 IL127_13

1+10, 2LT
 IL127_13

1+10, 8.03RT
 IL127_13

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

0+75, 38RT
 IL127_13

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 12" (WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 24" (WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (SKIP DASH WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

POLYUREA PAVEMENT MARKING TYPE 1
 LETTERS AND SYMBOLS

100+60, 11LT
 PR_IL149

102+40, 48LT
 PR_IL149

102+34, 35LT
 PR_IL149

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (WHITE)

101+45, 12.5LT
 PR_IL149

103+51, 10LT
 PR_IL149

100+60
 PR_IL149

100+78, 4LT
 PR_IL149

102+34, 12.5LT
 PR_IL149

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (SKIP DASH WHITE)

102+34, 2.5LT
 PR_IL149

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 24" (WHITE)

103+52, 10LT
 149_PR_CRWN

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (SKIP DASH WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

105+25, 13LT
 PR_IL149

105+30, 1.5LT
 PR_IL149

107+13, 6LT
 PR_IL149

103+73.8, 8.08RT
 PR_IL149

104+60, 2.5RT
 PR_IL149

105+40, 4RT
 PR_IL149

105+30, 11RT
 PR_IL149

107+13, 4.5RT
 PR_IL149

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (SKIP DASH WHITE)

POLYUREA PAVEMENT MARKING TYPE 1
 LETTERS AND SYMBOLS

POLYUREA PAVEMENT MARKING TYPE 1
 LETTERS AND SYMBOLS

POLYUREA PAVEMENT MARKING TYPE 1
 LINE 6" (DOUBLE YELLOW)

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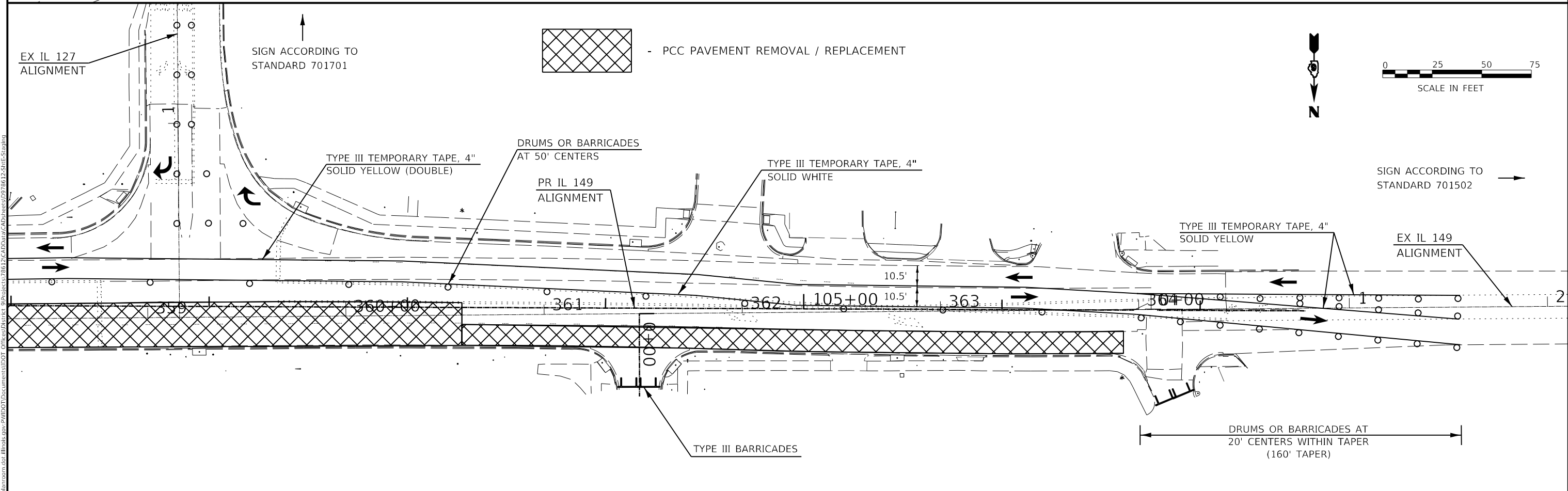
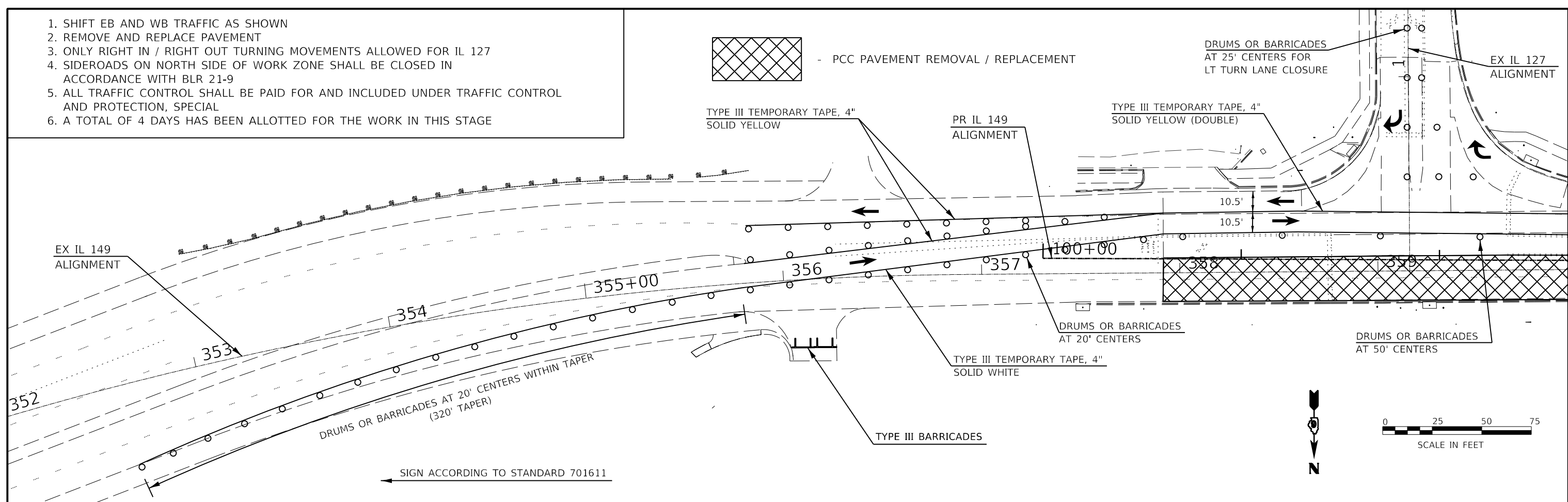
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	23
* F.A.P. 331/ F.A.P. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

1. SHIFT EB AND WB TRAFFIC AS SHOWN
2. REMOVE AND REPLACE PAVEMENT
3. ONLY RIGHT IN / RIGHT OUT TURNING MOVEMENTS ALLOWED FOR IL 127
4. SIDEROADS ON NORTH SIDE OF WORK ZONE SHALL BE CLOSED IN ACCORDANCE WITH BLR 21-9
5. ALL TRAFFIC CONTROL SHALL BE PAID FOR AND INCLUDED UNDER TRAFFIC CONTROL AND PROTECTION, SPECIAL
6. A TOTAL OF 4 DAYS HAS BEEN ALLOTTED FOR THE WORK IN THIS STAGE



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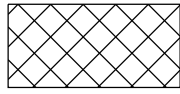
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	24
* F.A.S. 331/ F.A.P. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

1. CLOSE WB LANES ON IL 127 / 149; WB TRAFFIC WILL BE DETOURED (SEE SHEETS 27 - 29)
2. REMOVE AND REPLACE PAVEMENT
3. AT ANY TIME CONSTRUCTION IS LESS THAN 8' FROM THROUGH LANE, FLAGGERS SHALL BE USED
4. ONLY RIGHT IN / RIGHT OUT TURNING MOVEMENTS ALLOWED FOR IL 127
5. SIDEROADS ON NORTH SIDE OF WORK ZONE SHALL BE CLOSED IN ACCORDANCE WITH BLR 21-9.
6. ALL TRAFFIC CONTROL SHALL BE PAID FOR AND INCLUDED UNDER TRAFFIC CONTROL AND PROTECTION, SPECIAL
7. A TOTAL OF 4 DAYS HAS BEEN ALLOTTED FOR THE WORK IN THIS STAGE



- PCC PAVEMENT REMOVAL / REPLACEMENT

DRUMS OR BARRICADES AT 25' CENTERS FOR LT TURN LANE CLOSURE

EX IL 127 ALIGNMENT

DRUMS OR BARRICADES AT 50' CENTERS

PR IL 149 ALIGNMENT

10.5'

100+00

358

359

TYPE III TEMPORARY TAPE, 4" SOLID WHITE

TYPE III BARRICADES



EX IL 149 ALIGNMENT

353

354

355+00

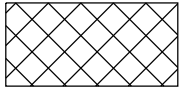
356

357

352

SIGN ACCORDING TO STANDARD 701701

EX IL 127 ALIGNMENT



- PCC PAVEMENT REMOVAL / REPLACEMENT

TYPE III TEMPORARY TAPE, 4" SOLID WHITE

DRUMS OR BARRICADES AT 50' CENTERS

DRUMS OR BARRICADES AT 20' CENTERS WITHIN TAPER (100' TAPER)

10.5'

358

359

360+00

361

362

105+00

363

364+00

EX IL 149 ALIGNMENT

PR IL 149 ALIGNMENT

TYPE III BARRICADES

SIGN ACCORDING TO STANDARD 701502



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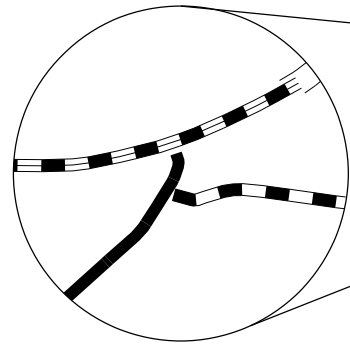
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

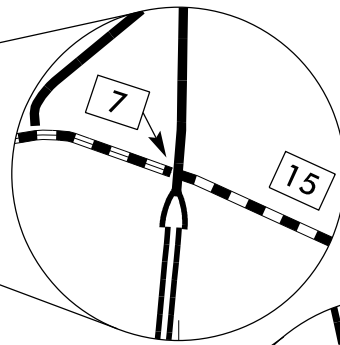
STAGE 2				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.* RTE. *	SECTION (12-1) PCC-1	COUNTY JACKSON	TOTAL SHEETS 52	SHEET NO. 25
* F.A.S. 331/ F.A.P. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

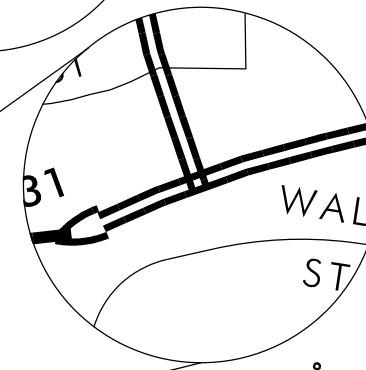
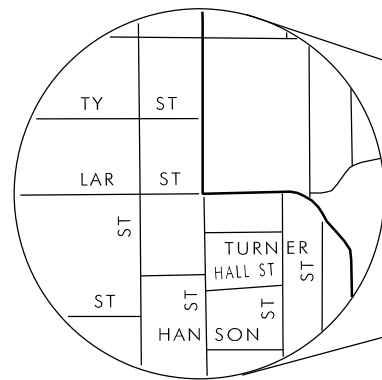
AVA RD. & 14TH ST.



IL 127 & AVA RD

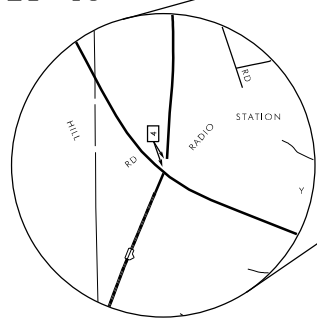


14 TH ST. & 11 TH ST.

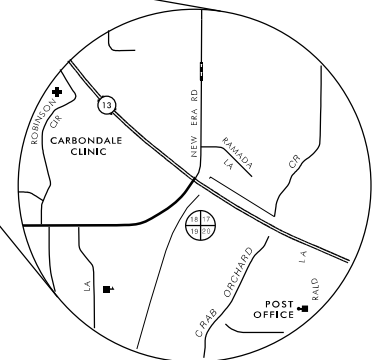


IL 13 & IL 127

IL 127 & OLD 13



NEW ERA RD & IL 13



*SEE NEXT TWO SHEETS FOR DETOUR SIGNING



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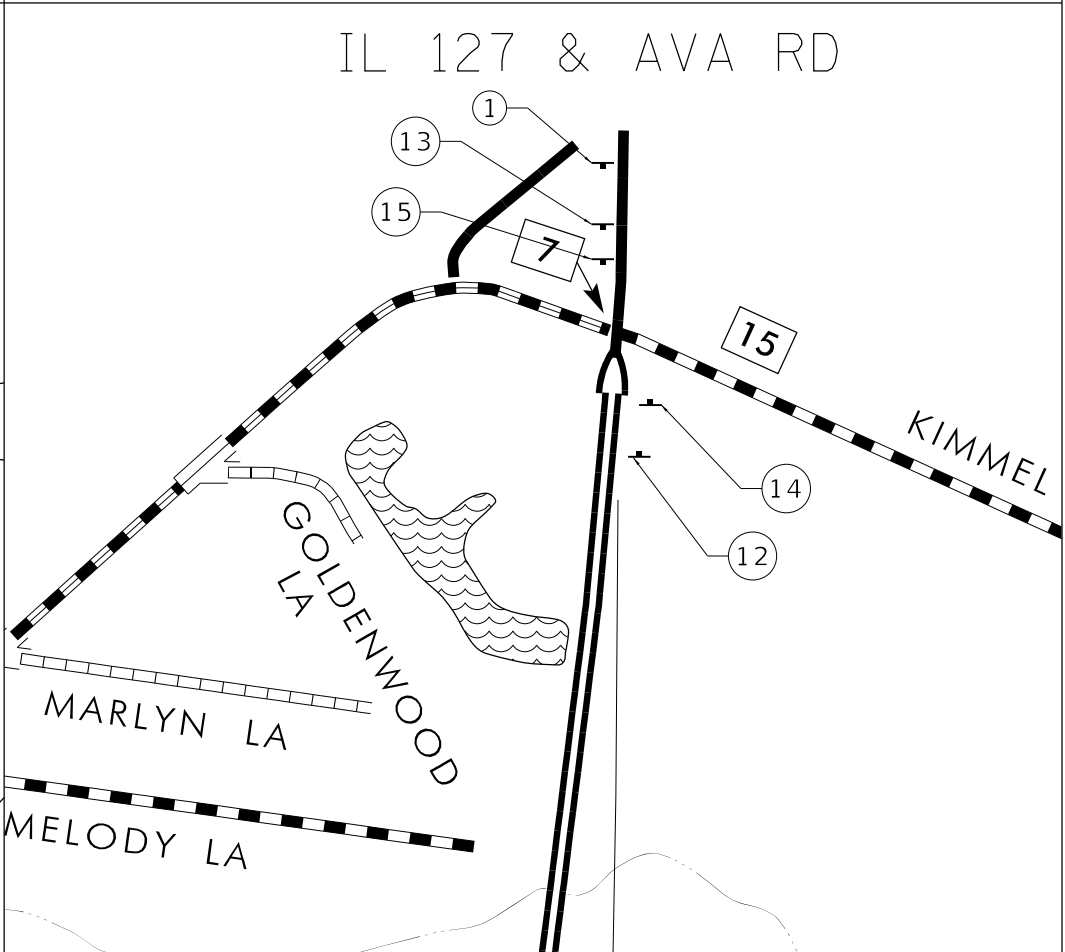
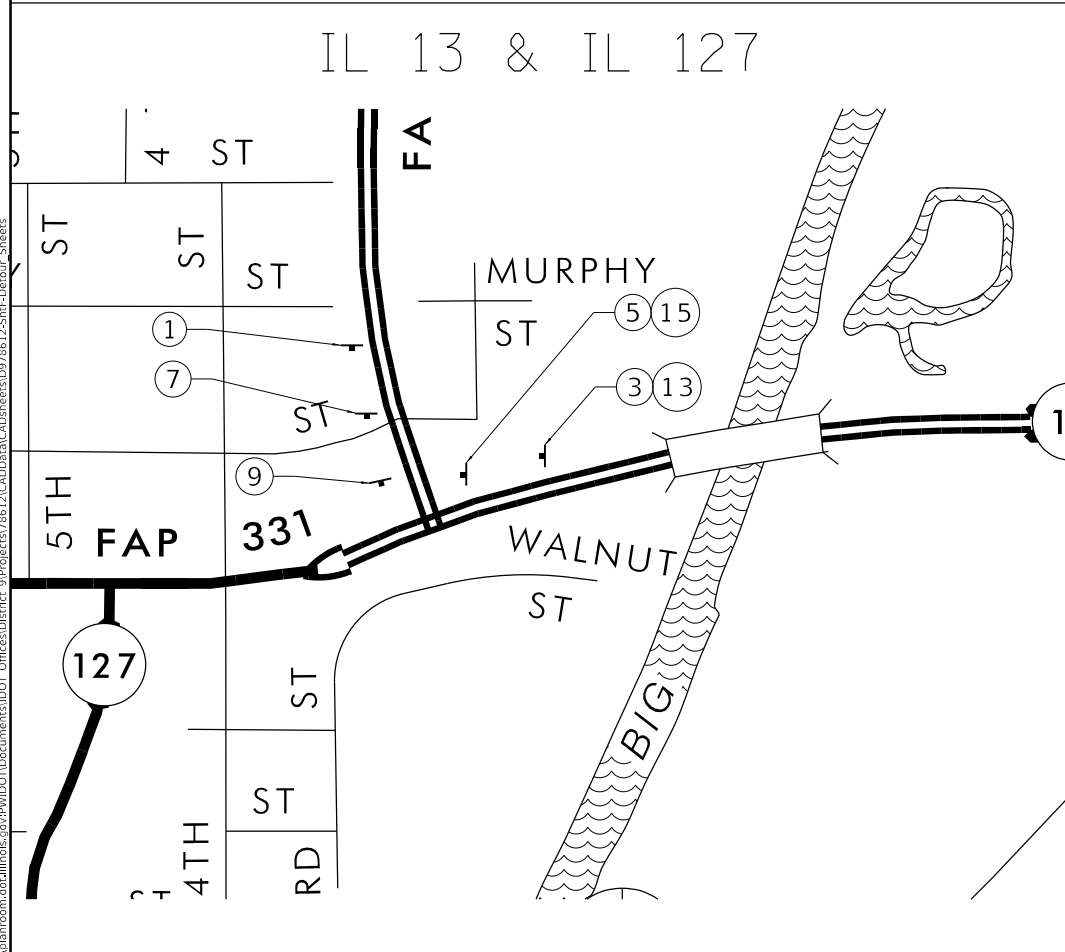
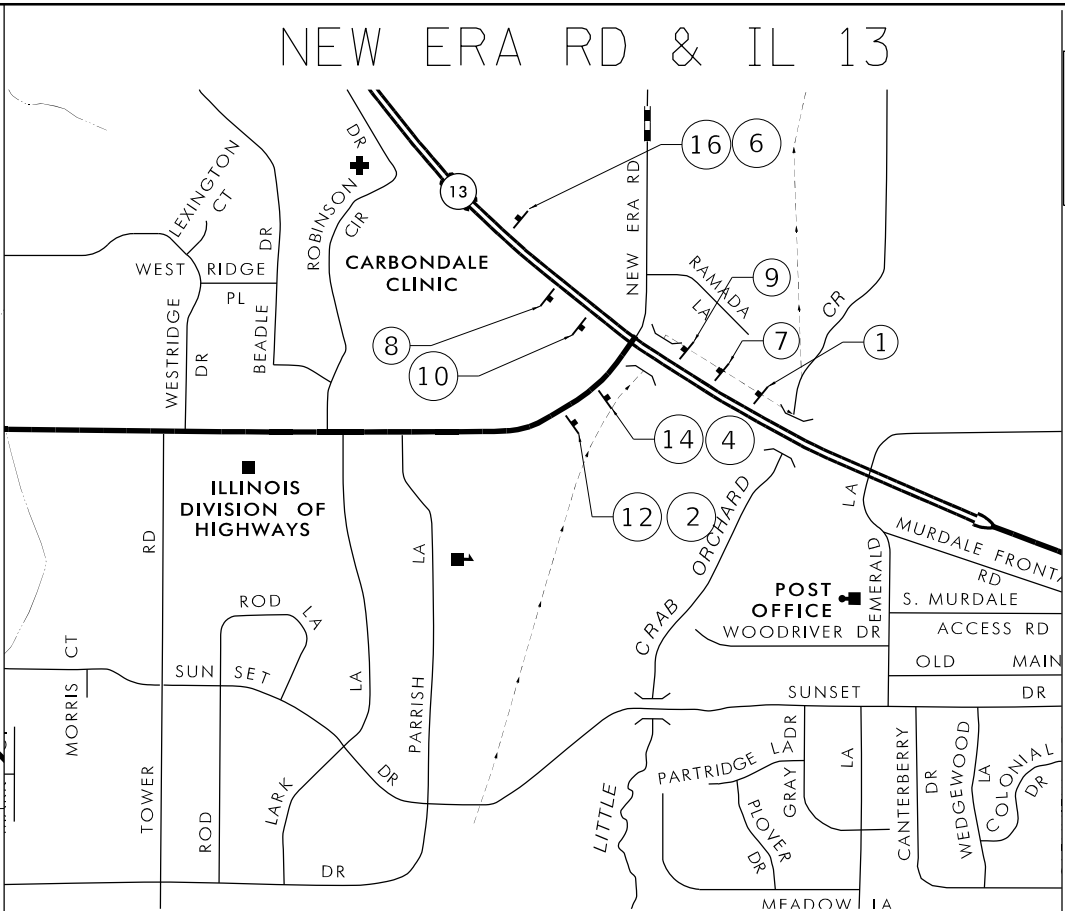
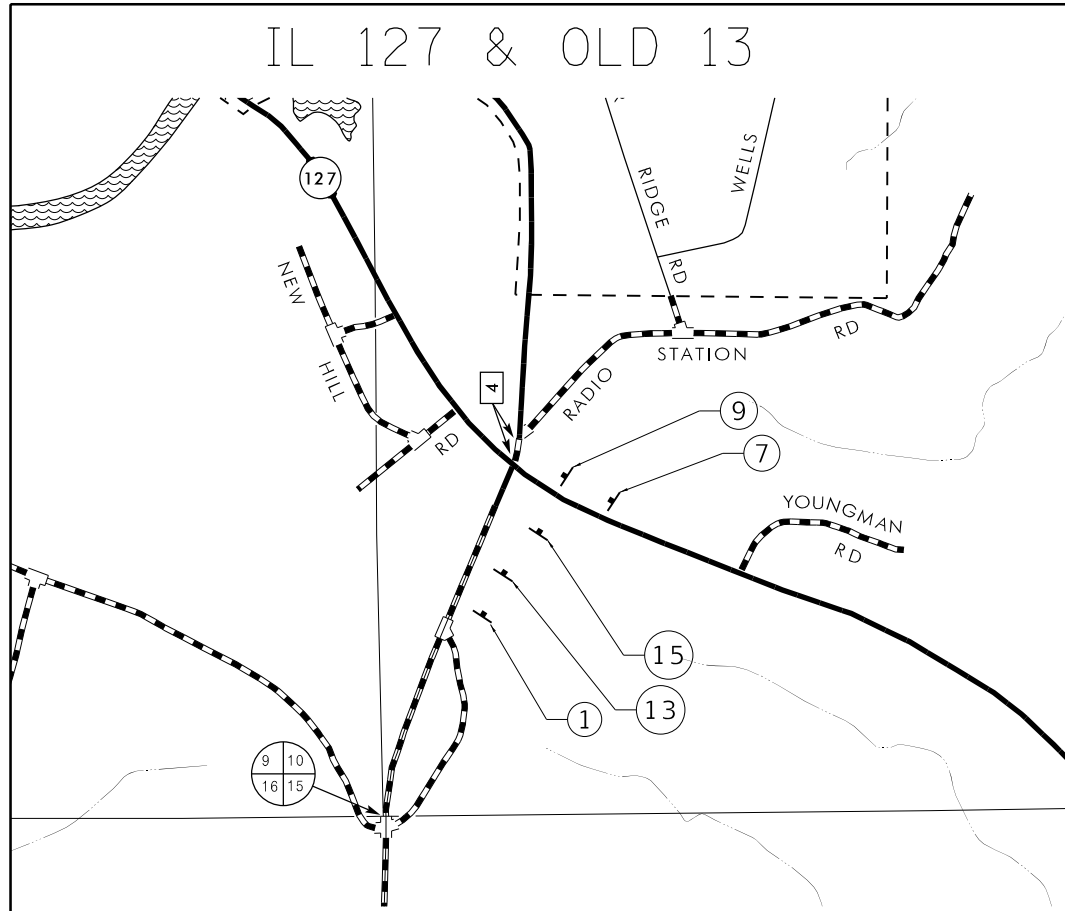
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

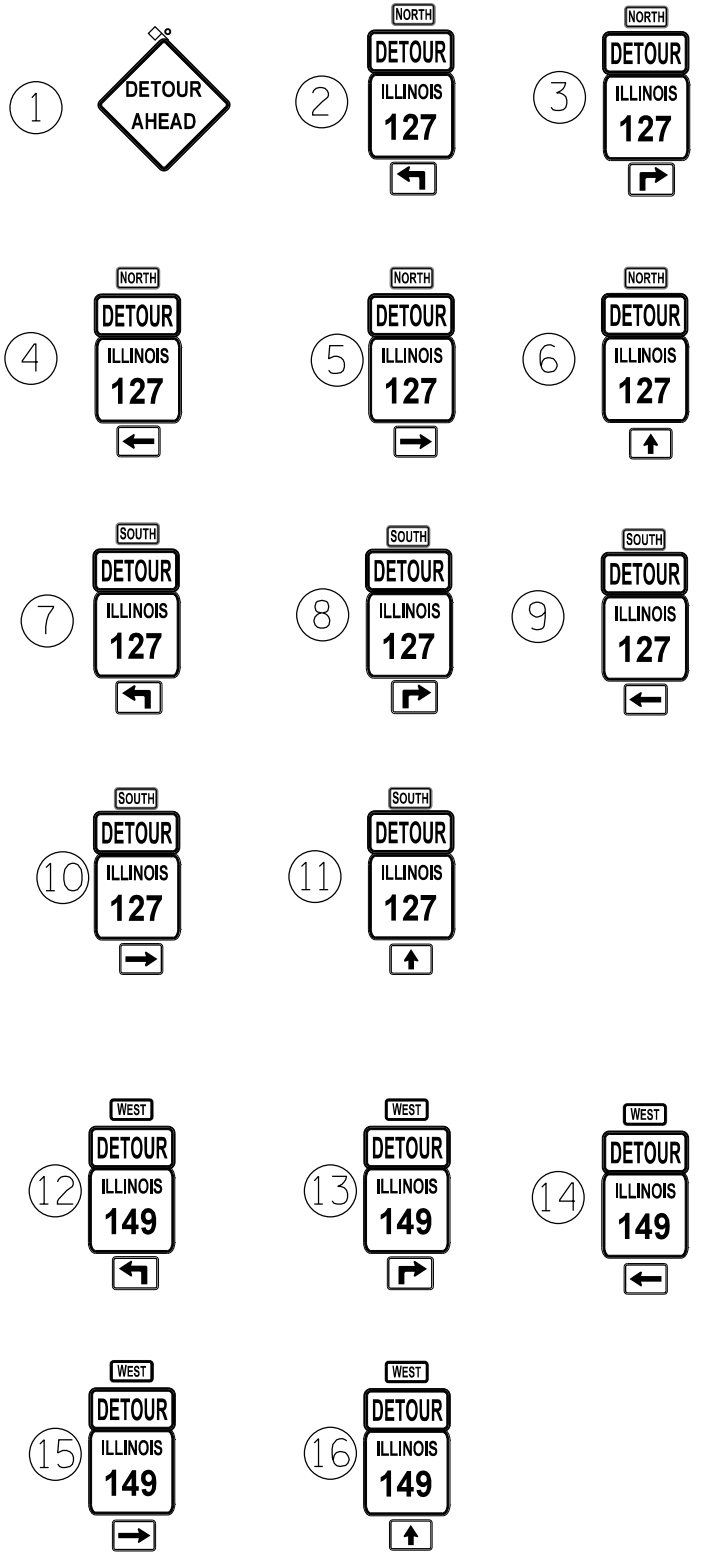
**DETOUR LOCATIONS
STAGE 2 & 3**

SCALE: SHEET 1 OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	27
* F.A.P. 331/ F.A.S.1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				



LEGEND
 SIGN



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 DATE: 3/18/2021

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PLOT DATE = 3/18/2021	DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 2 OF SHEETS STA. TO STA.

DETOUR SIGNING

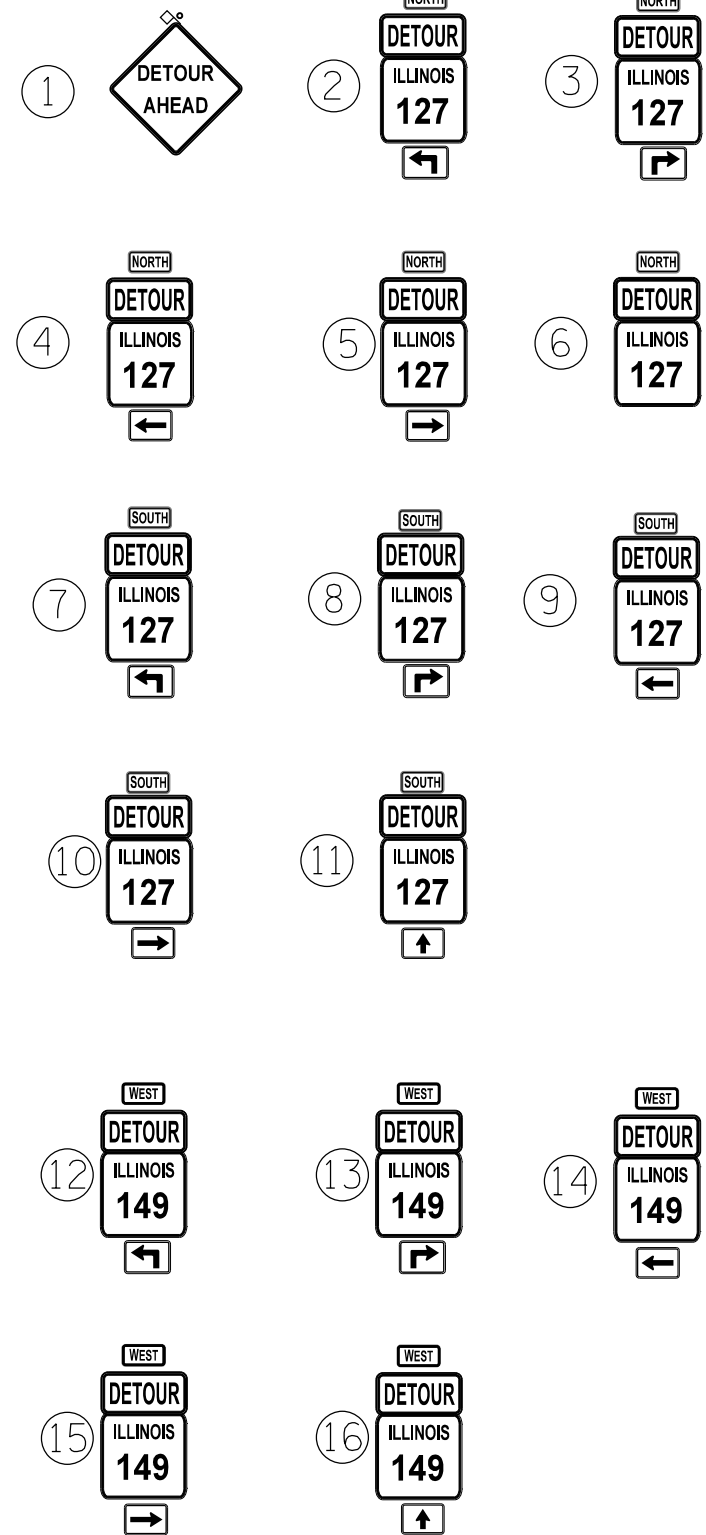
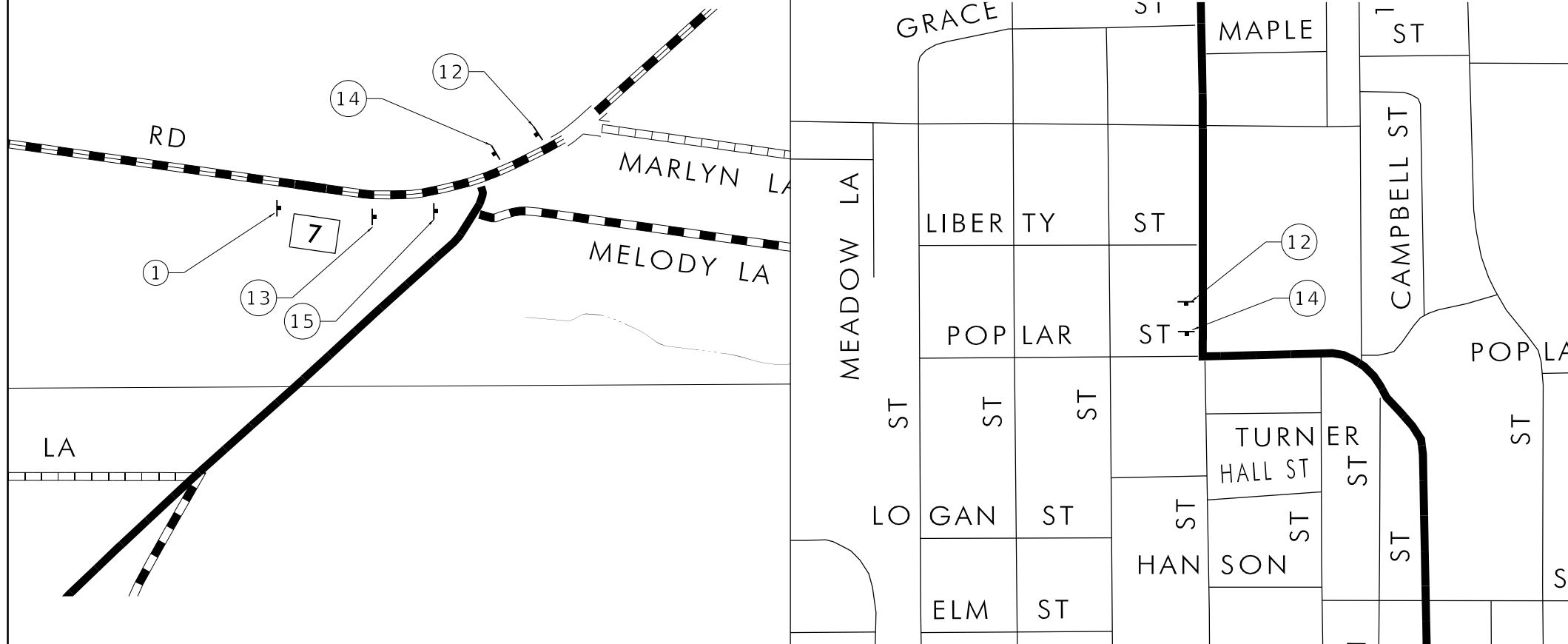
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	28
* F.A.P. 331/ F.A.S.1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

AVA RD. & 14TH ST.

14 TH ST. & 11 TH ST.

LEGEND

— SIGN



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING

SCALE: SHEET 3 OF SHEETS STA. TO STA.

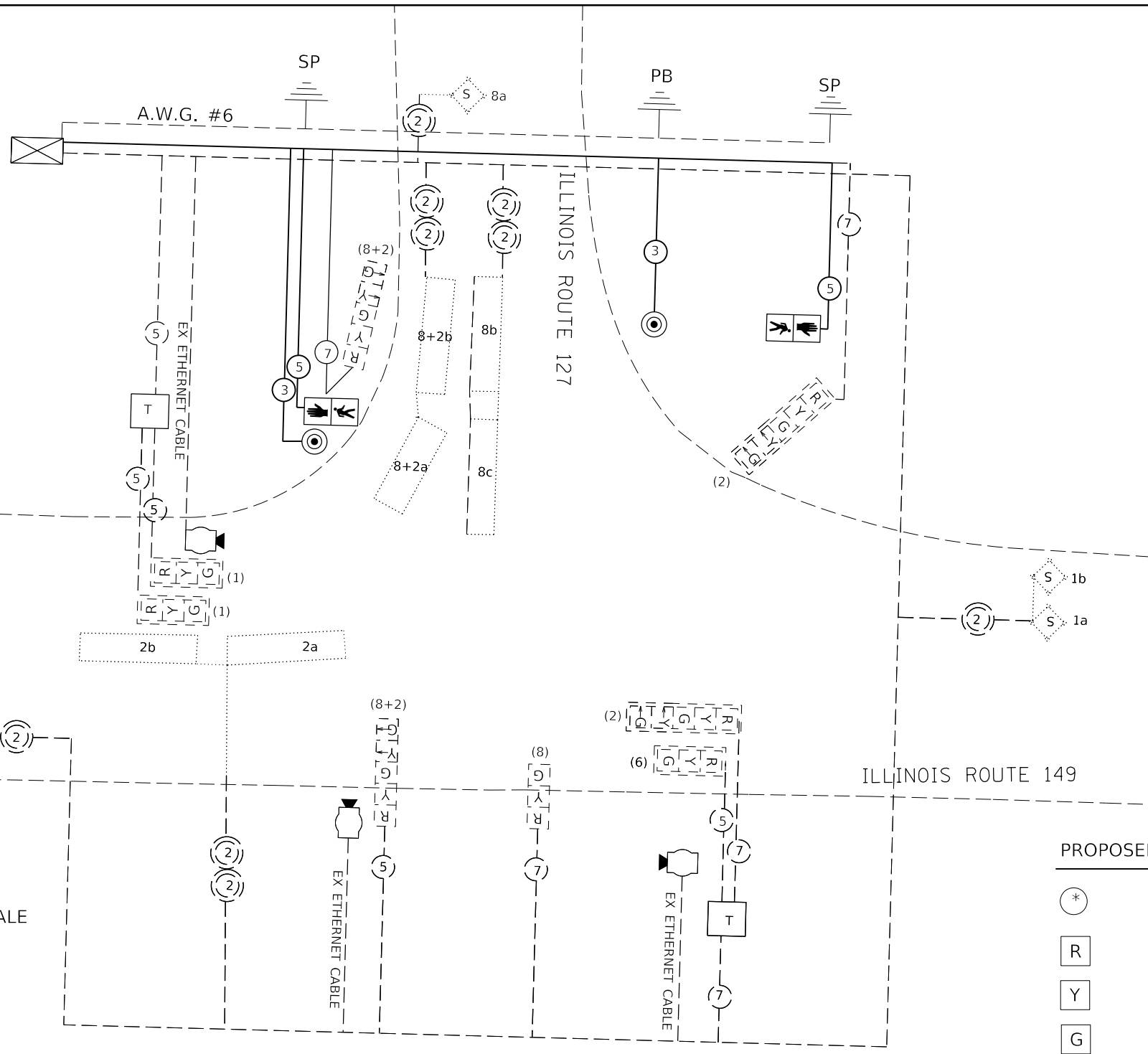
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	29
* F.A.P. 331/ F.A.S.1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

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NOT TO SCALE



ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
ALL SIGNAL LENSES SHALL BE 12 INCHES.



EXISTING TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- 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
- EXISTING DETECTOR LOOPS TO BE ABANDONED
- EXISTING TERMINAL BLOCK ON MAST ARM
- EXISTING 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE NUMBER INDICATES
NUMBER OF CONDUCTORS IN THAT CABLE
- EXISTING MOTION DETECTOR SENSOR
- NUMBER IN PARENTTHESIS INDICATES PHASE
- EXISTING TRAFFIC SIGNAL CONTROLLER
WITH MASTER CONTROLLER

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 YELLOW
- SIGNAL SECTION - LEFT TURN GREEN
- WALK/DON'T WALK SECTION
PEDESTRIAN SIGNAL HEAD
- TRAFFIC SIGNAL BACKPLATE
- PROPOSED GROUNDING
- SIGNAL POLE
- PUSH BUTTON POST

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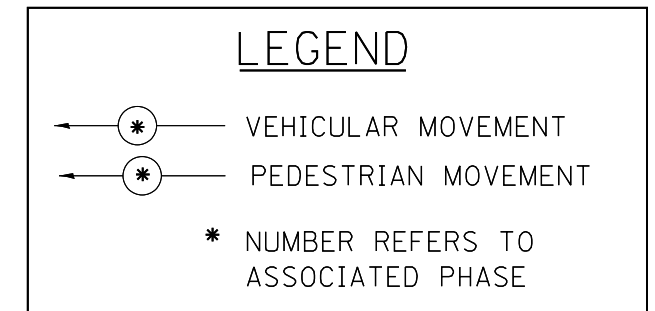
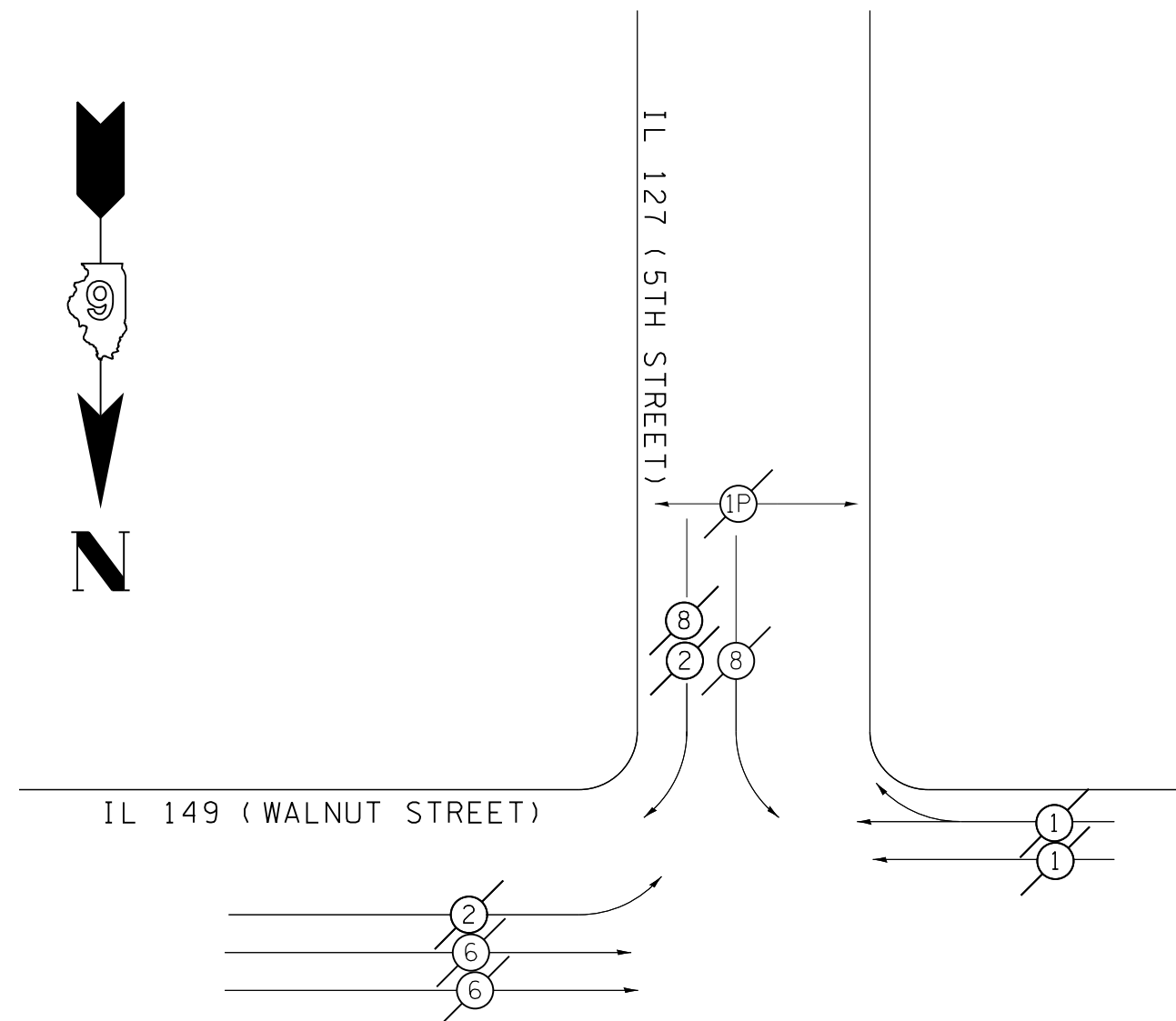
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL WIRING SCHEMATIC

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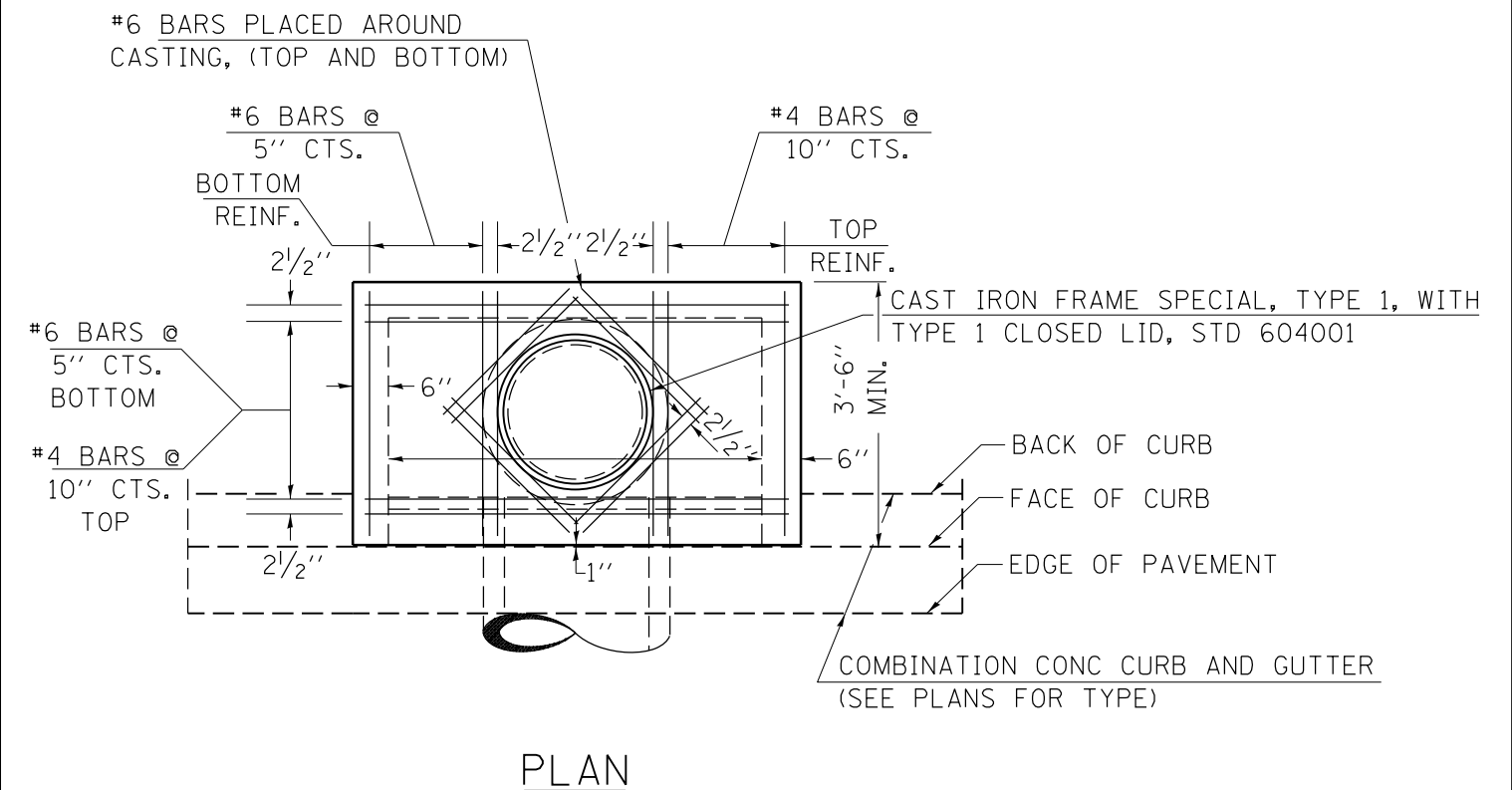
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*	(12-1) PCC-1	JACKSON	52	31
* F.A.P. 331/ F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

PHASE DESIGNATION DIAGRAM



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

INLET MODIFICATION DETAIL



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

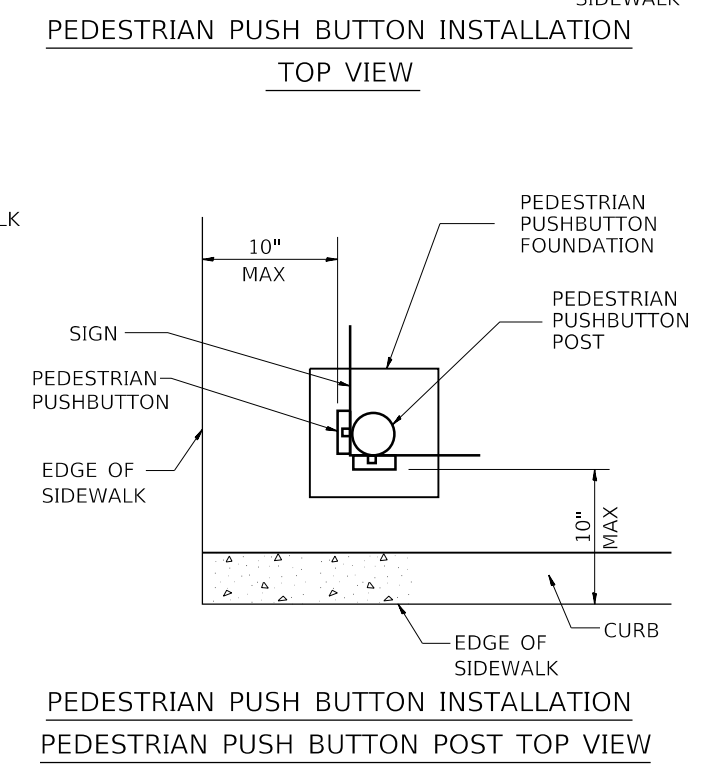
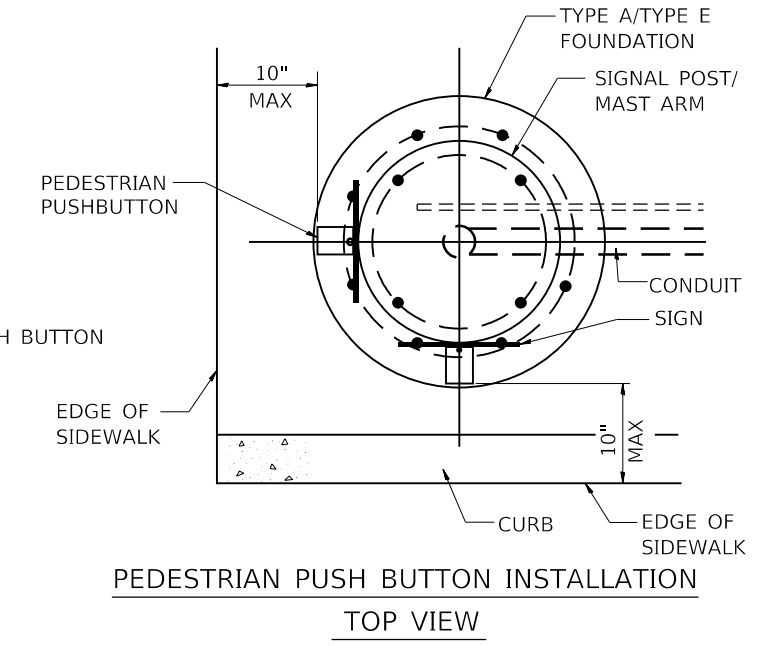
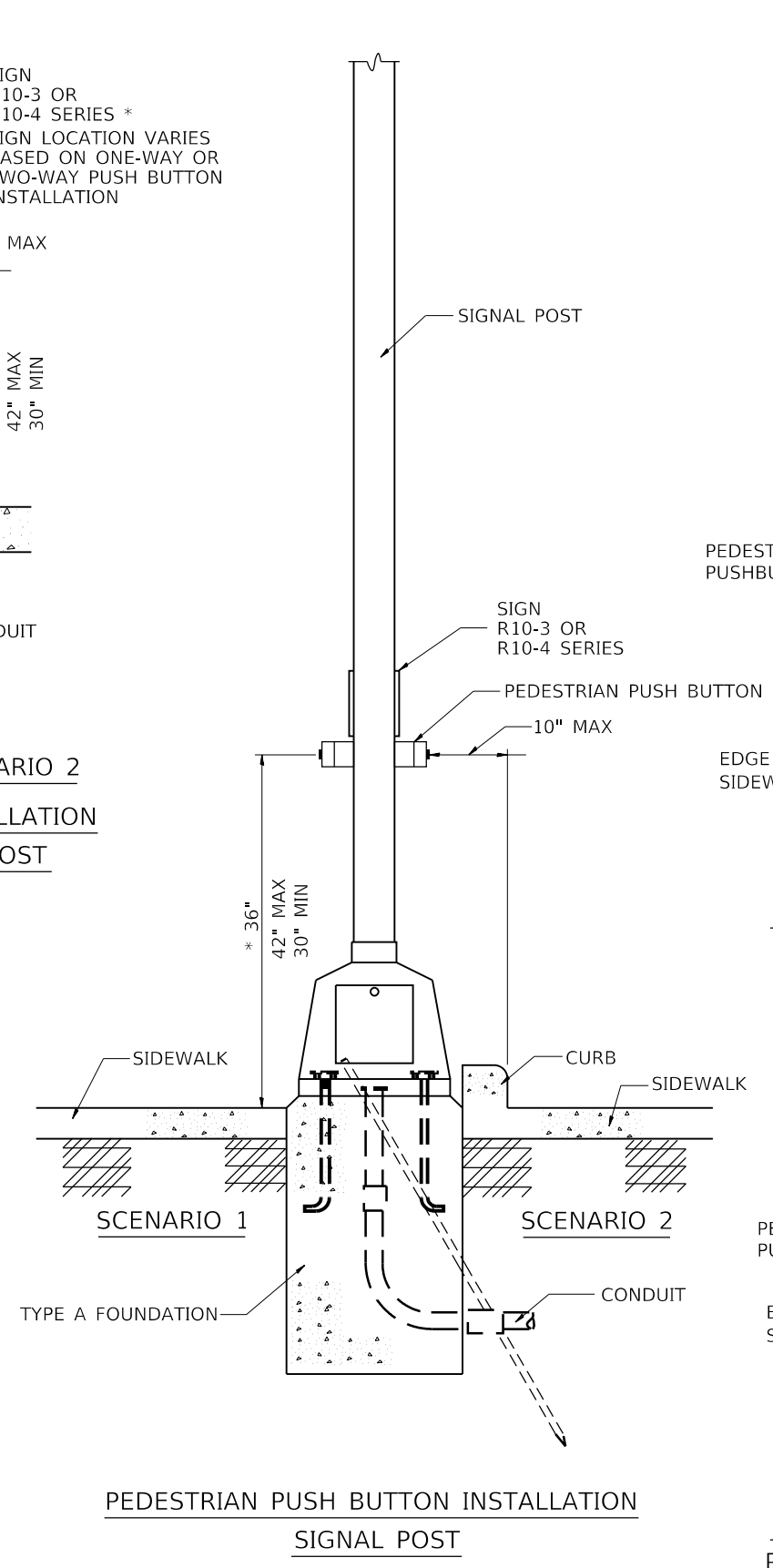
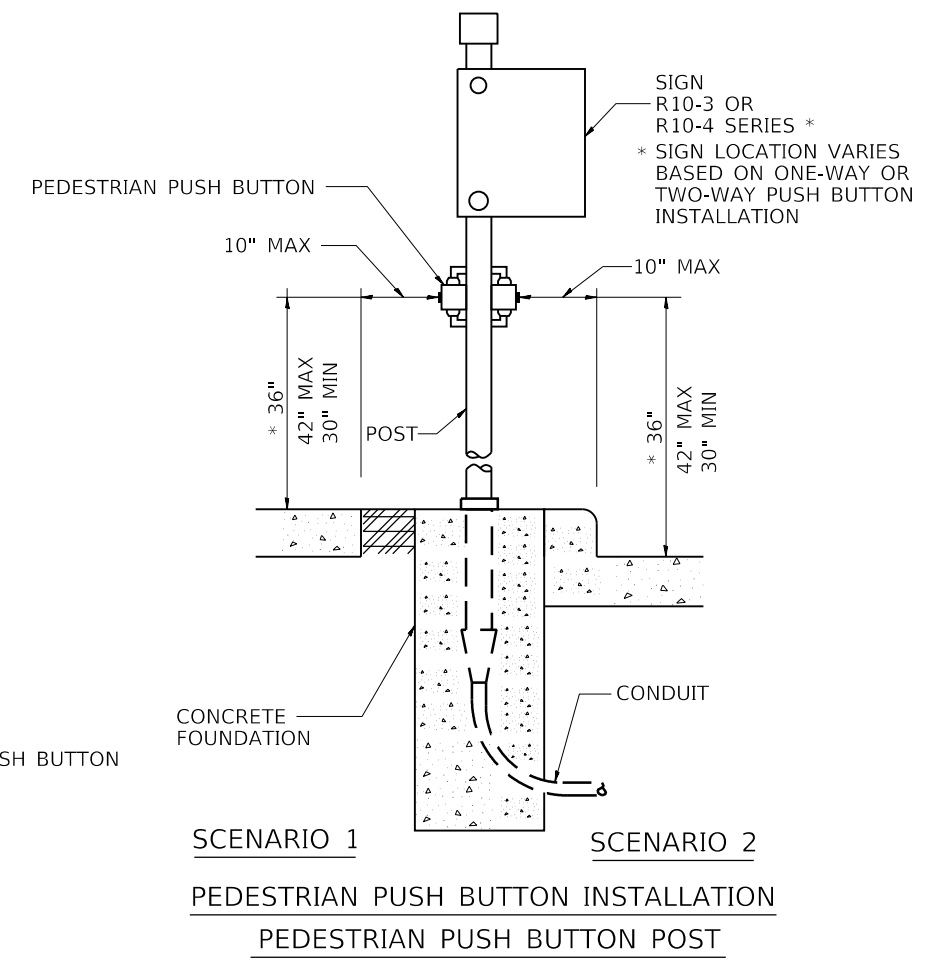
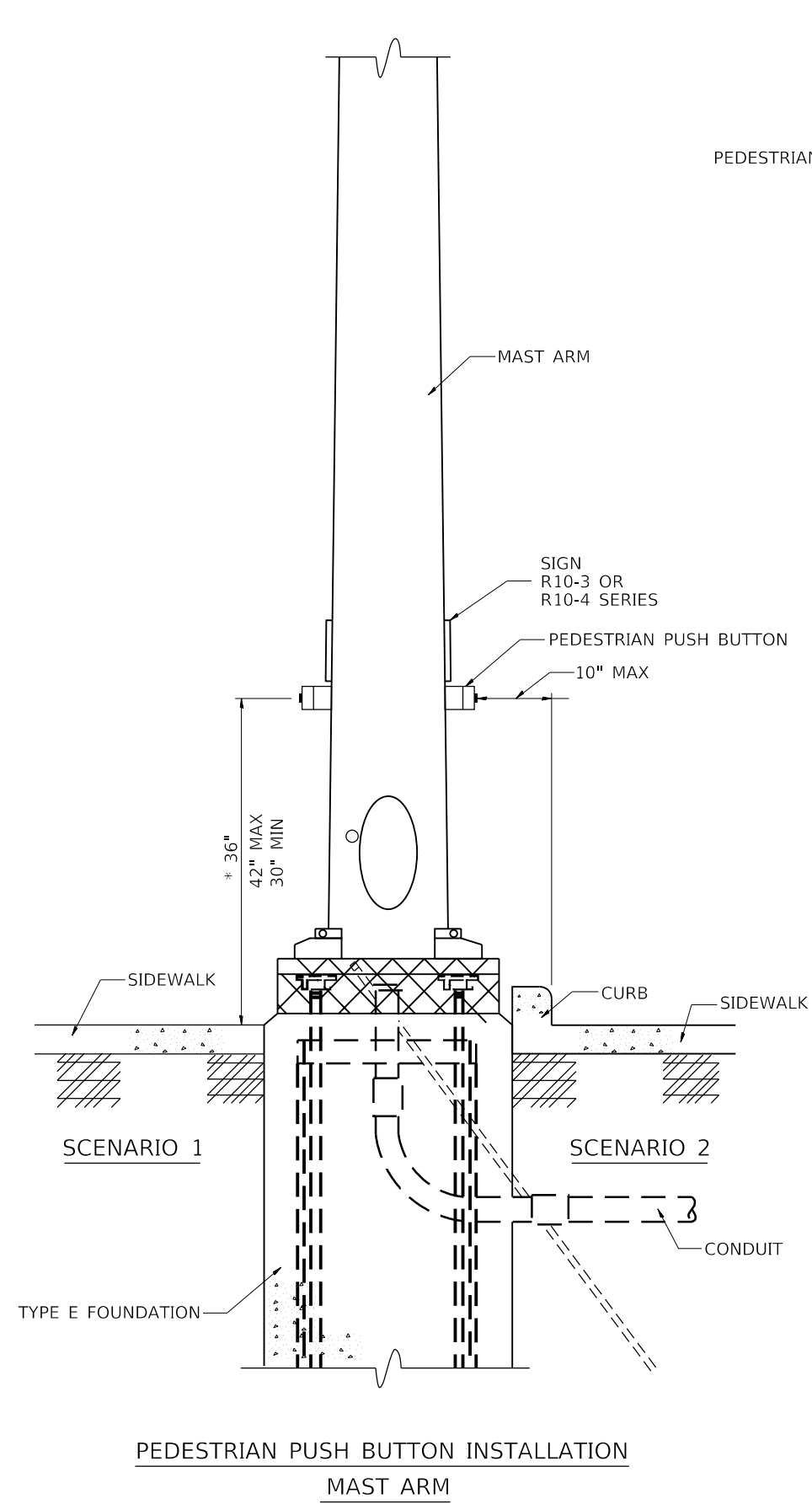
TRAFFIC PHASE DIAGRAM AND INLET MODIFICATION DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1) PCC-1	JACKSON	52	32
* F.A.P. 331/ F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS FED. AID PROJECT				

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

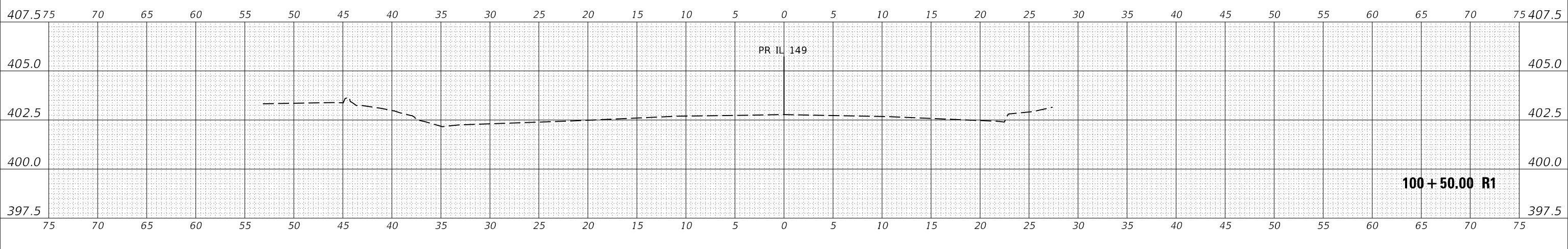
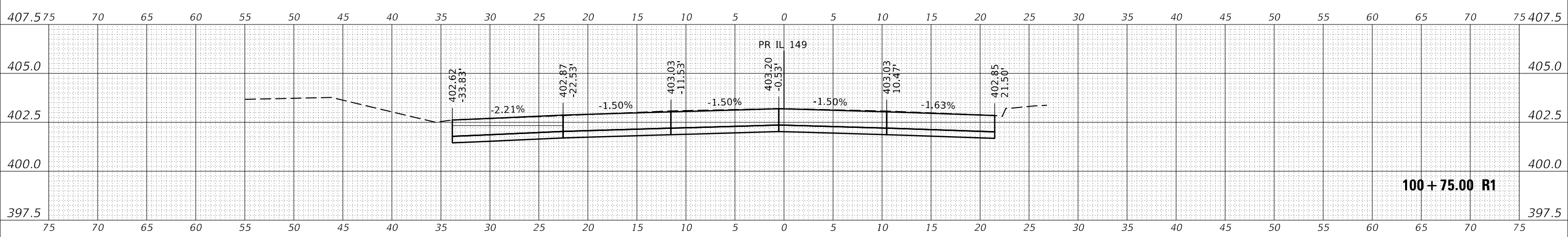
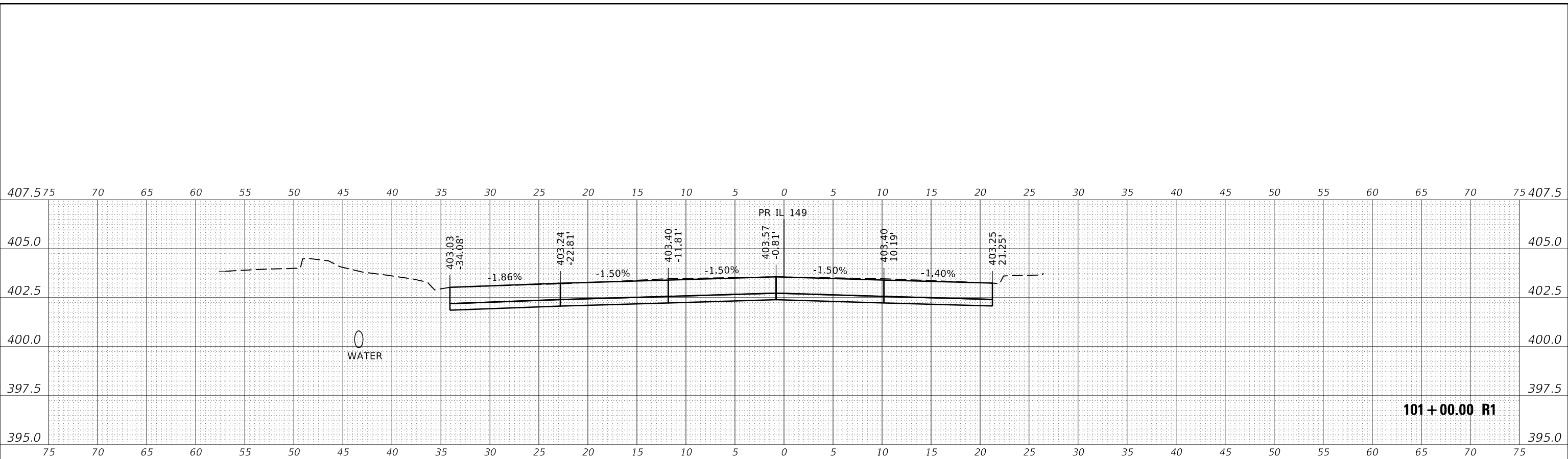
PEDESTRIAN PUSH BUTTON DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(12-1) PCC-1	JACKSON	52	33
* F.A.P. 331/ F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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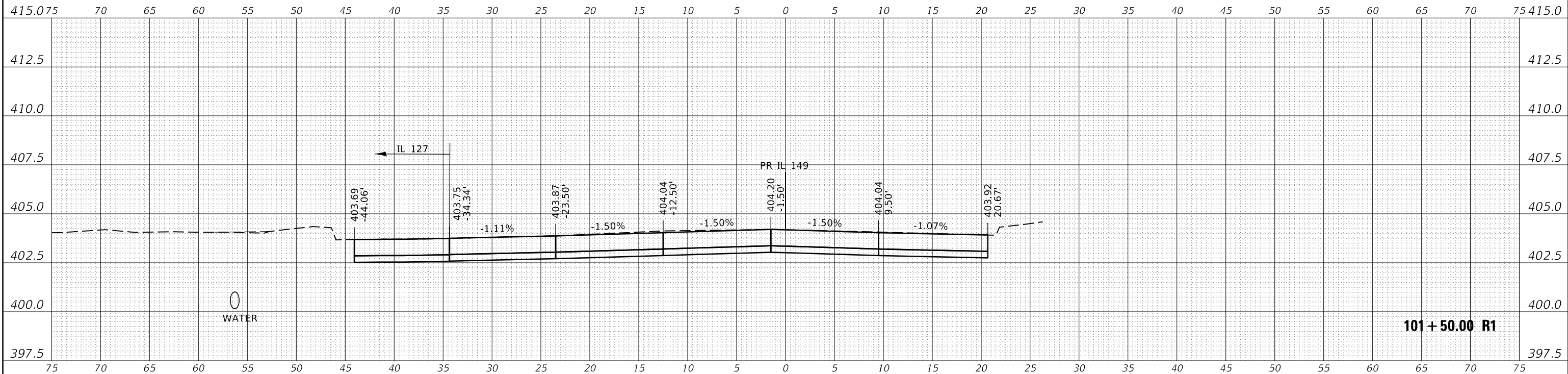
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 149 CROSS SECTIONS

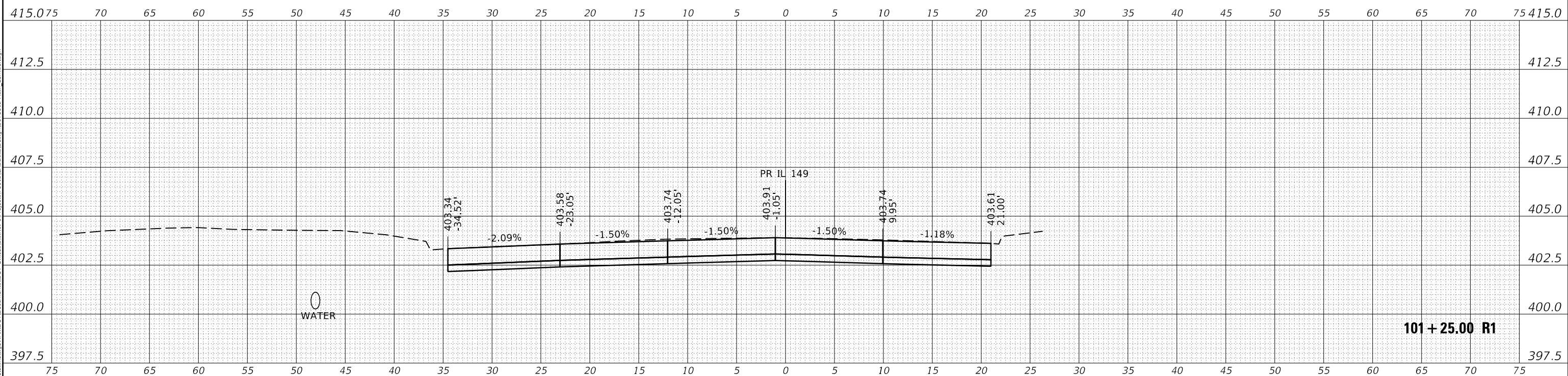
SCALE: SHEET OF SHEETS STA. 100+50.00 R1 TO STA. 101+00.00 R1

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	34
* F.A.P. 331 / F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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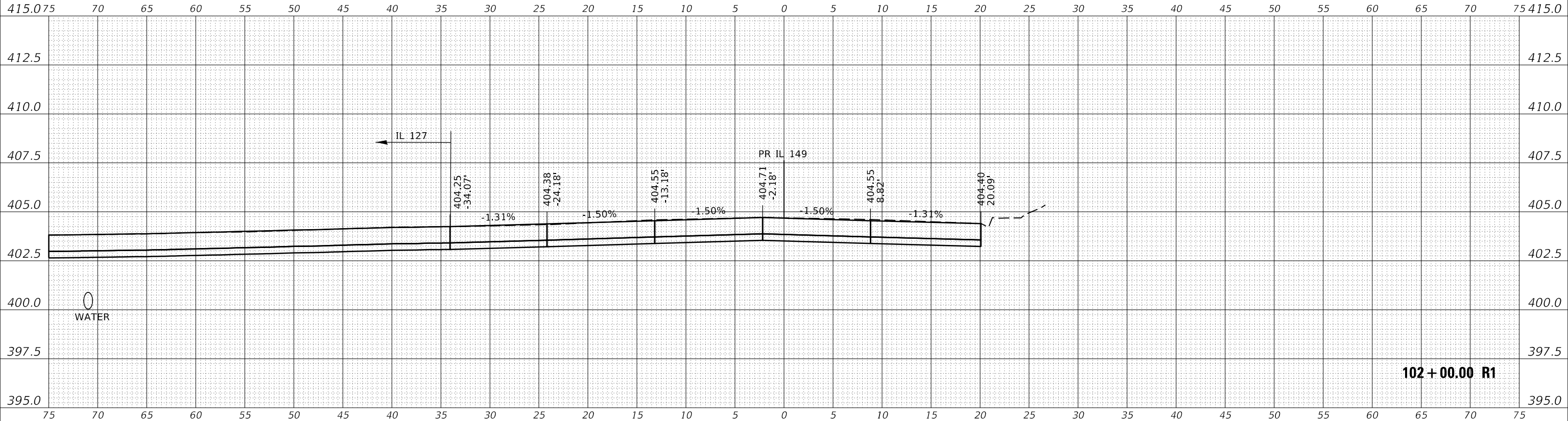
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 101+25.00 R1 TO STA. 101+50.00 R1
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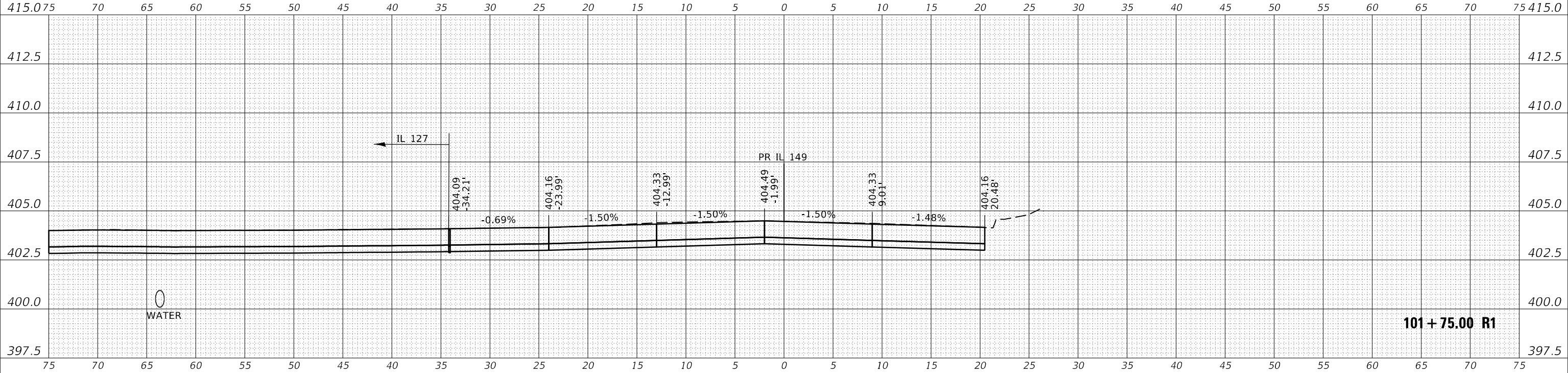
IL 149 CROSS SECTIONS

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	35
* F.A.P. 331 / F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



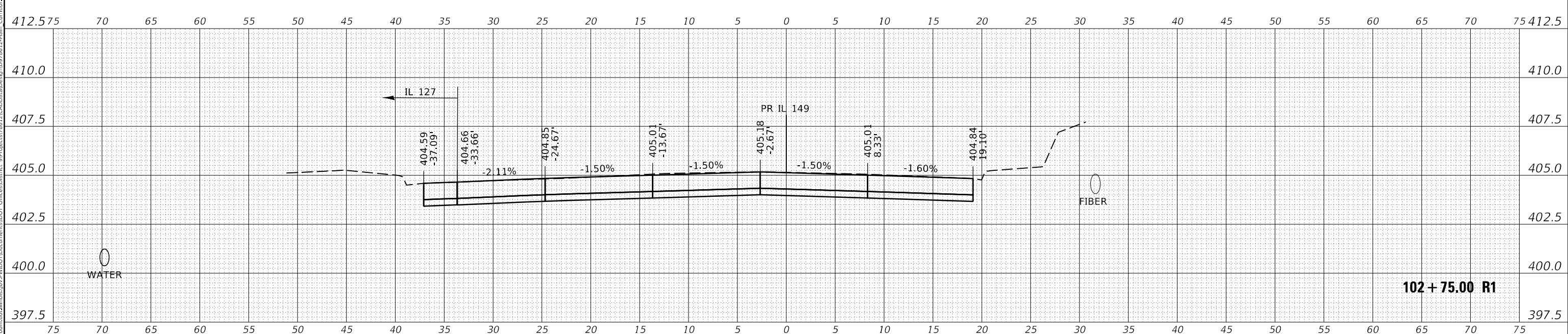
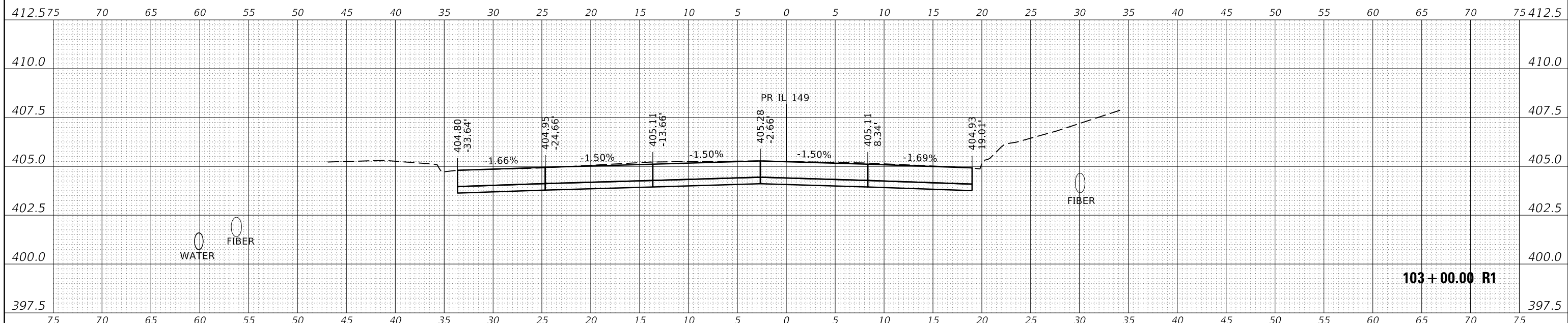
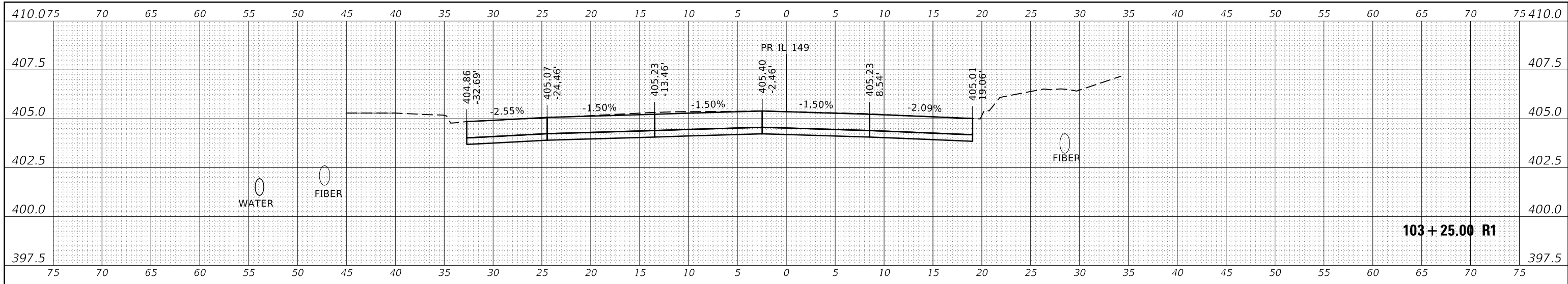
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 101+75.00 R1 TO STA. 102+00.00 R1
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	36
* F.A.P. 331 / F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS		FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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PLOT DATE = 3/18/2021	DATE -	REVISED -

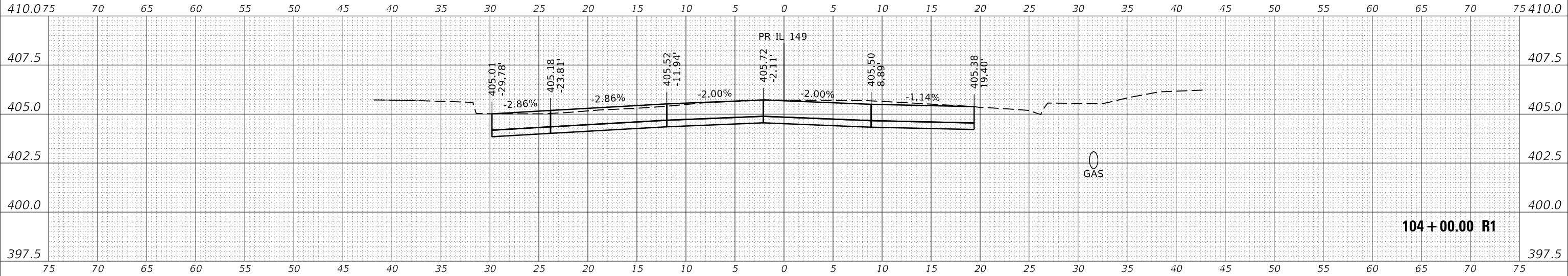
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 102+75.00 R1 TO STA. 103+25.00 R1
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IL 149 CROSS SECTIONS

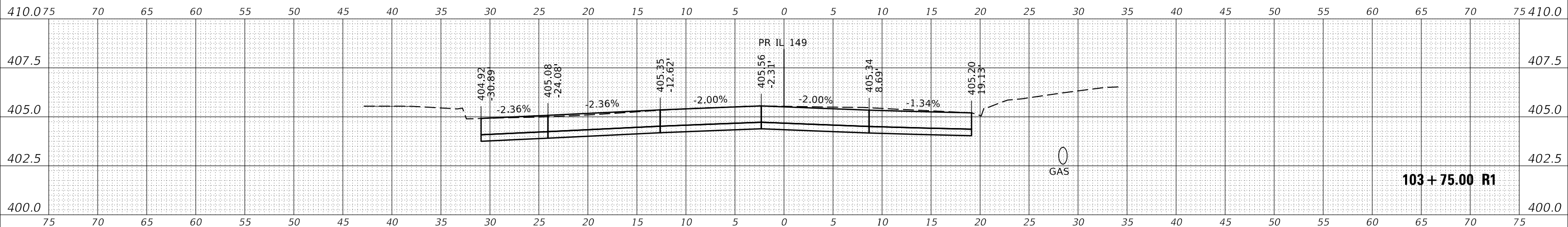
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	38
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	



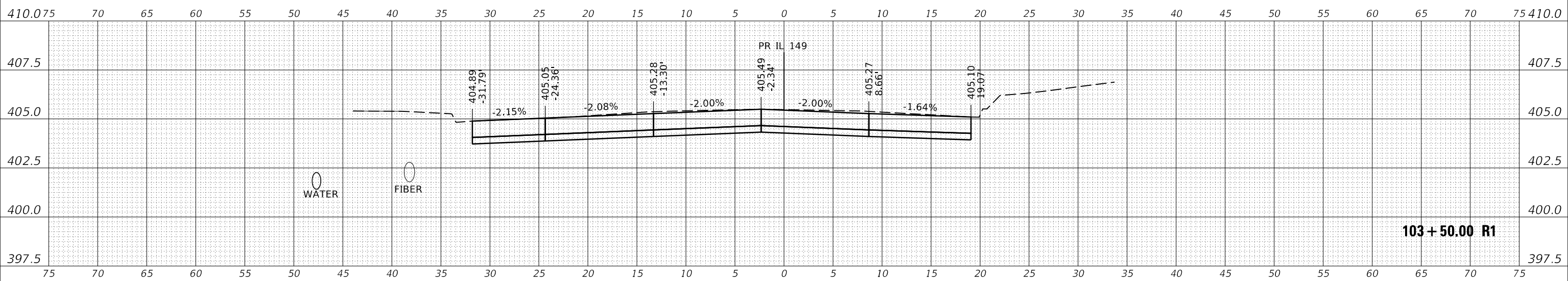
104 + 00.00 R1

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	



103 + 75.00 R1

BY	DATE



103 + 50.00 R1

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PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 149 CROSS SECTIONS

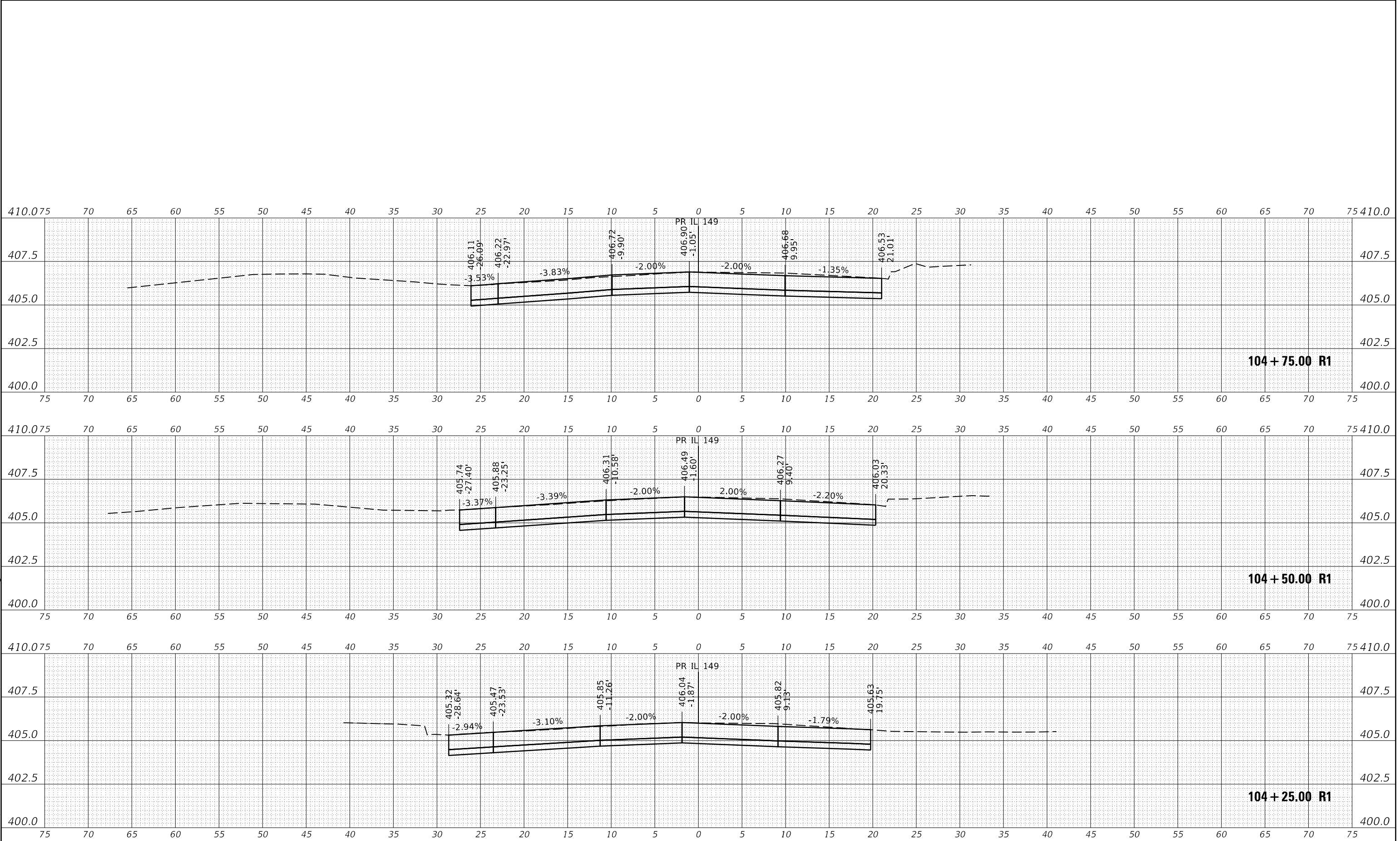
SCALE: SHEET OF SHEETS STA. 103+50.00 R1 TO STA. 104+00.00 R1

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*	(12-1)PCC-1	JACKSON	52	39
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
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USER NAME = white	DESIGNED -	REVISED -
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PLOT DATE = 3/18/2021	DATE -	REVISED -

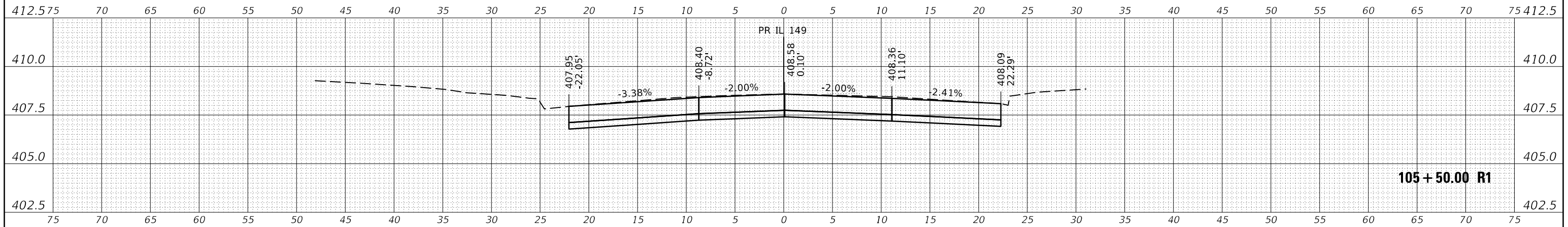
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 149 CROSS SECTIONS

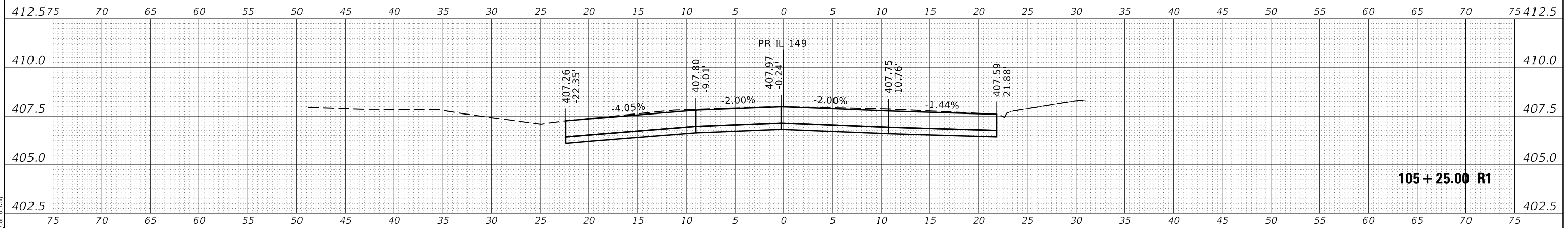
SCALE: SHEET OF SHEETS STA. 104+25.00 R1 TO STA. 104+75.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	40
* F.A.P. 331 / F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS		FED. AID PROJECT		

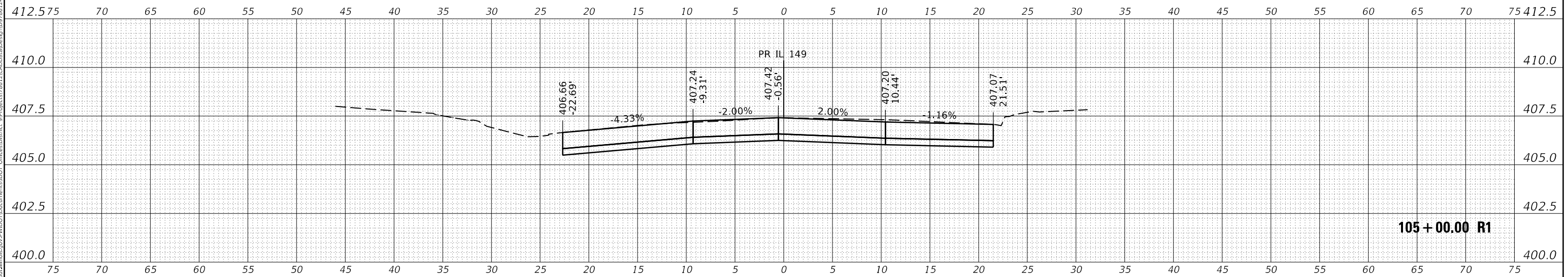
DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



MODEL: I49_P1_C-1v1_4
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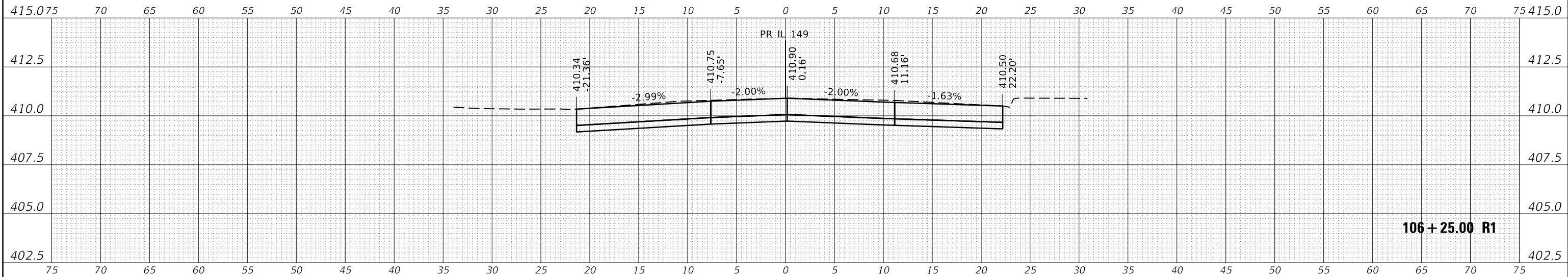
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PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 149 CROSS SECTIONS	
SCALE:	SHEET OF SHEETS
STA. 105+00.00 R1 TO STA. 105+50.00 R1	

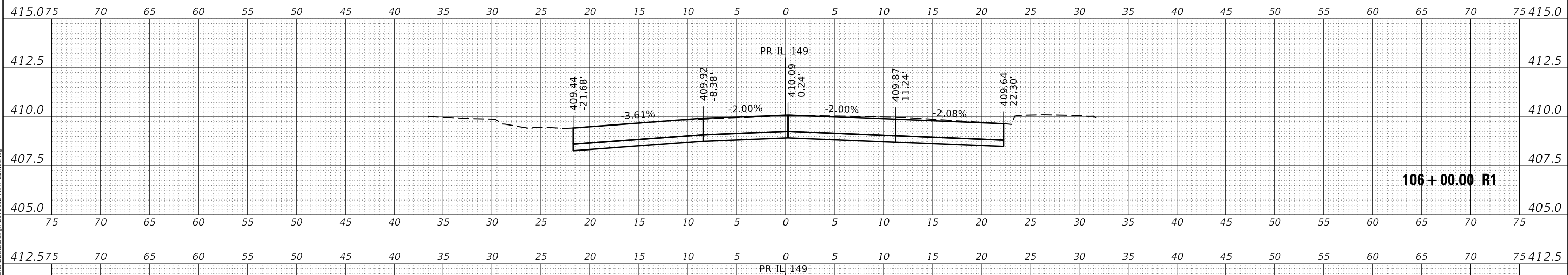
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	41
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



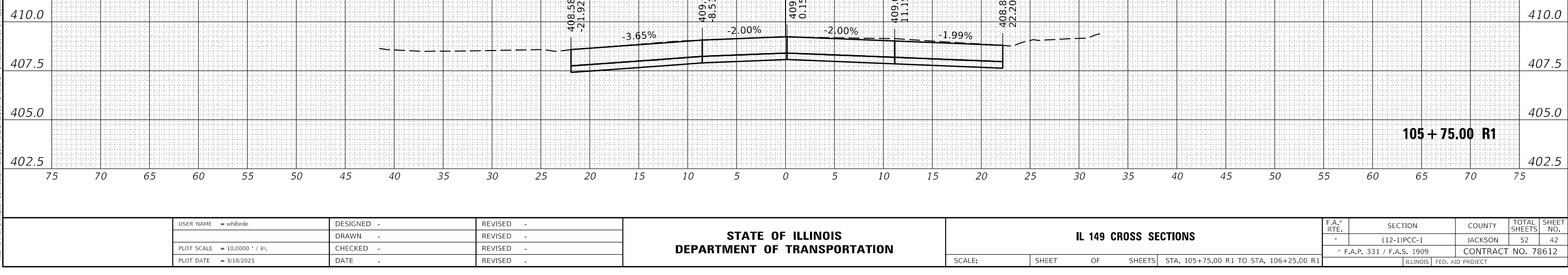
106+25.00 R1

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



106+00.00 R1

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



105+75.00 R1

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PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

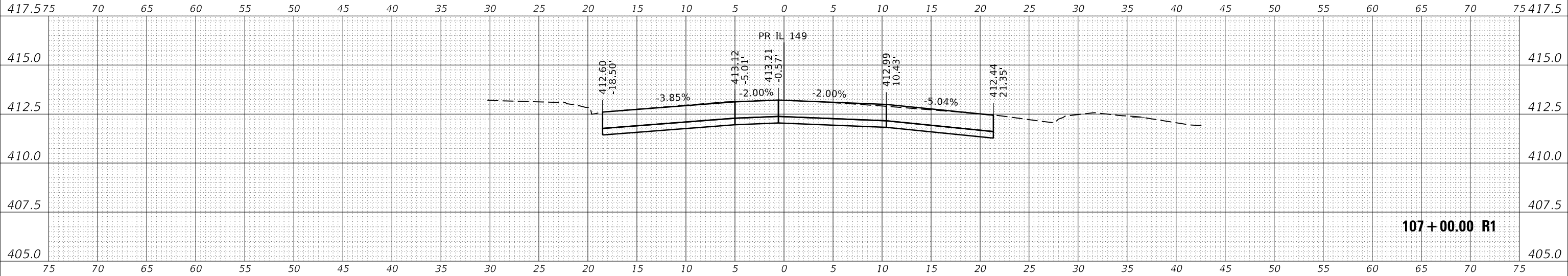
IL 149 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 105+75.00 R1 TO STA. 106+25.00 R1

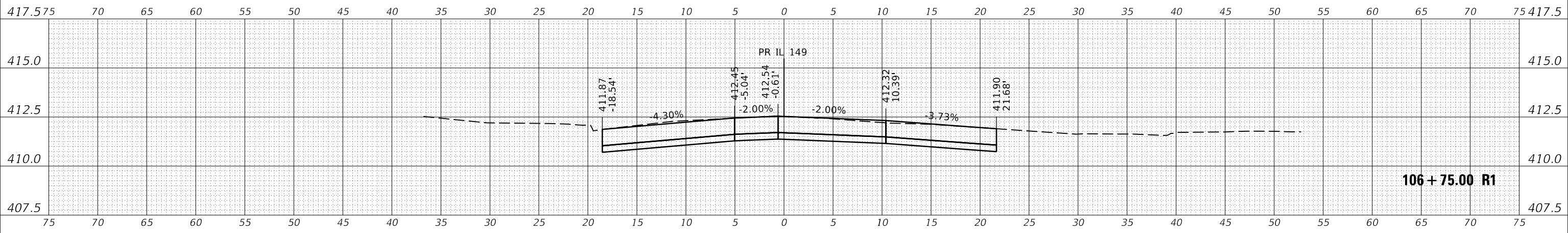
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	42
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

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OFFICE: DISTRICT 3

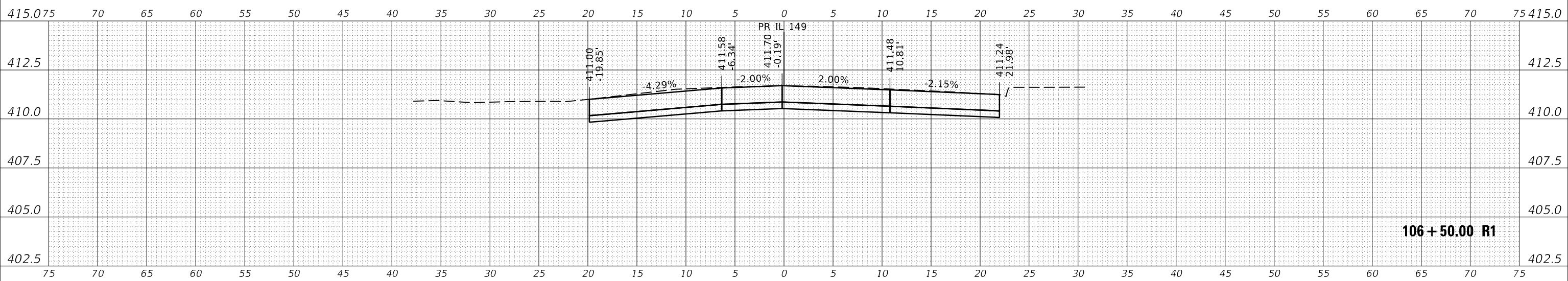
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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 OFFICE: DISTRICT

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PLOT DATE = 3/18/2021	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 149 CROSS SECTIONS

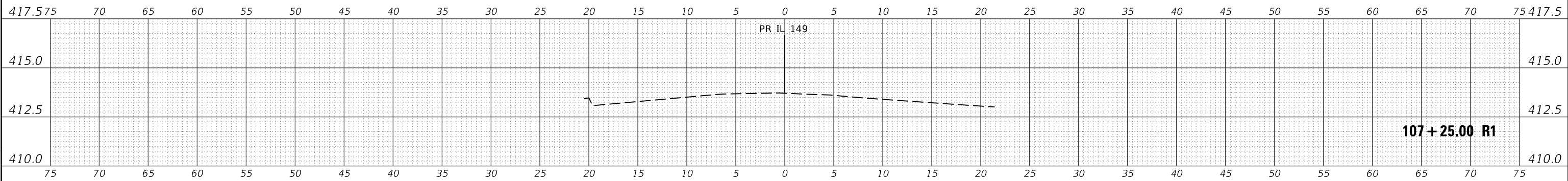
SCALE: SHEET OF SHEETS STA. 106+50.00 R1 TO STA. 107+00.00 R1

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	43
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

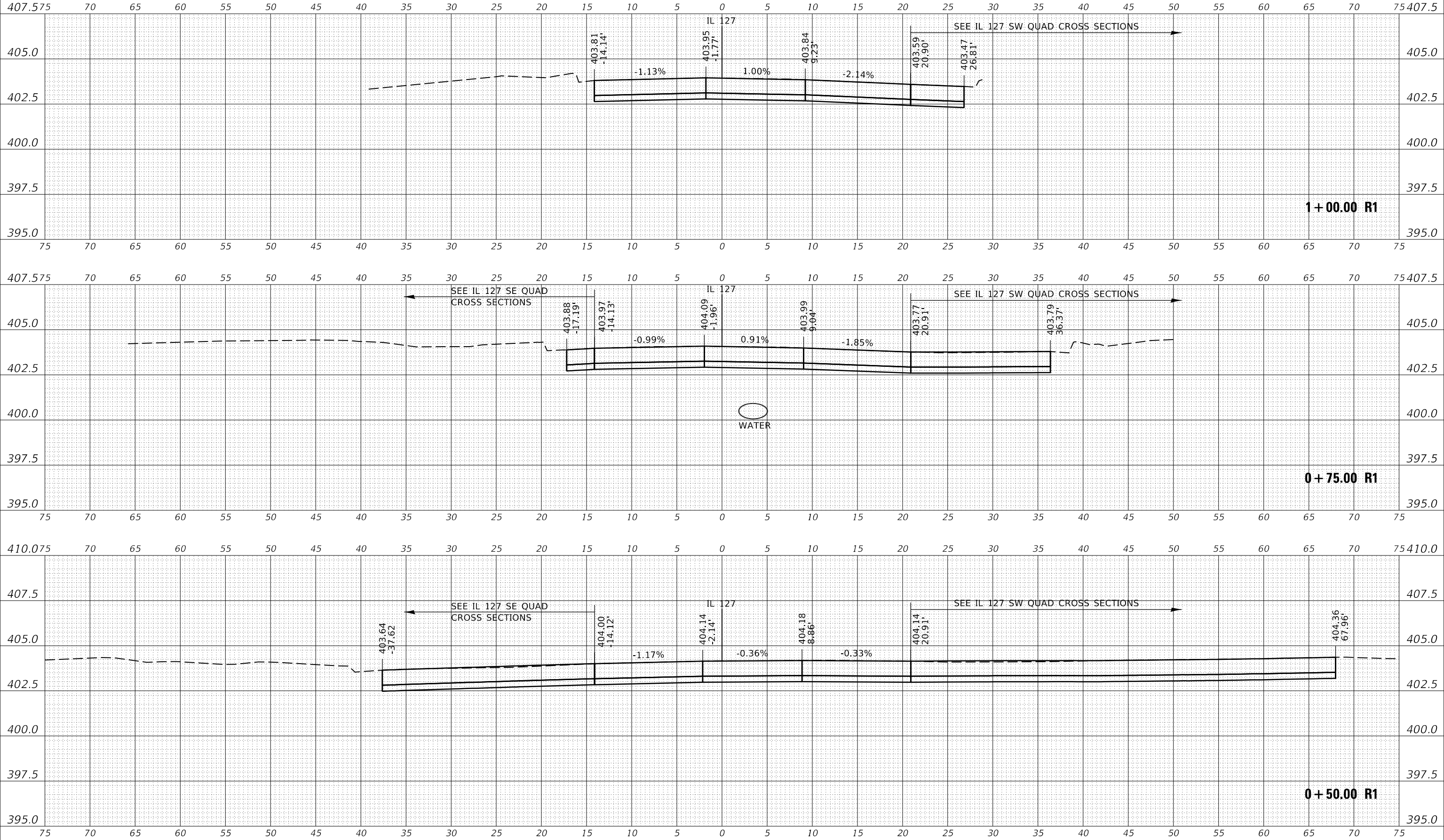
IL 149 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 107+25.00 R1 TO STA. 107+25.00 R1

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	44
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
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TEMPLATE	
NOTE BOOK	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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PLOT DATE = 3/18/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 127 CROSS SECTIONS

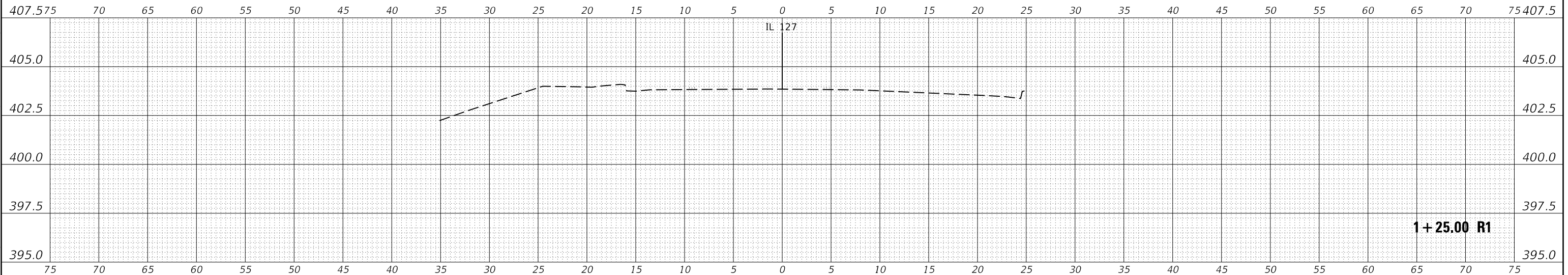
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	45
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

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PLOT DATE = 3/18/2021	DATE -	REVISED -

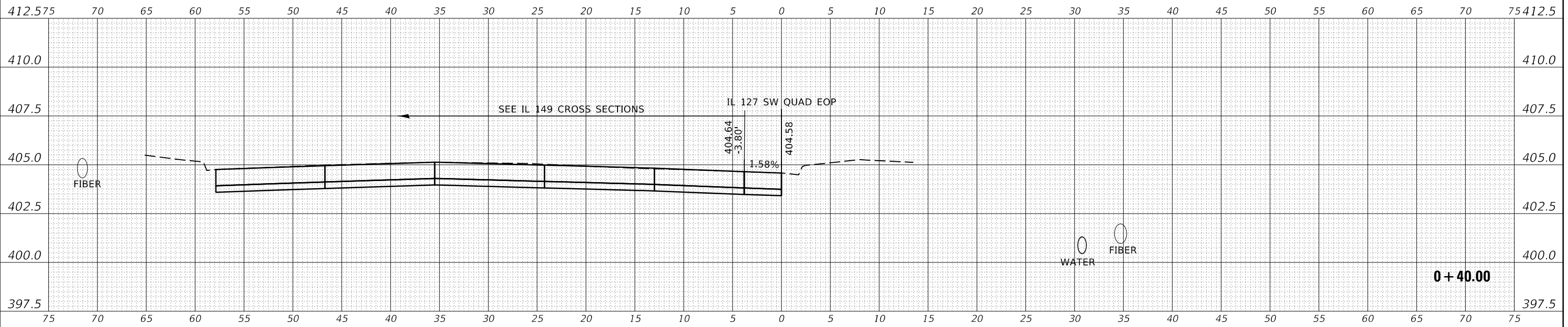
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 127 CROSS SECTIONS

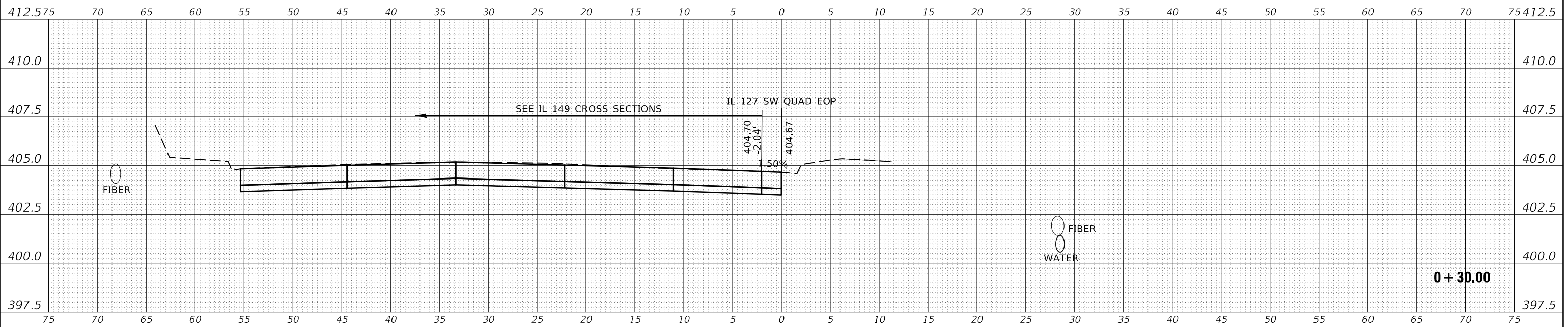
SCALE: SHEET OF SHEETS STA. 1+25.00 R1 TO STA. 1+25.00 R1

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	46
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
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AREAS CHECKED	
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ORIGINAL SURVEY NO.	
SURVEYED	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 127 SW QUAD CROSS SECTIONS

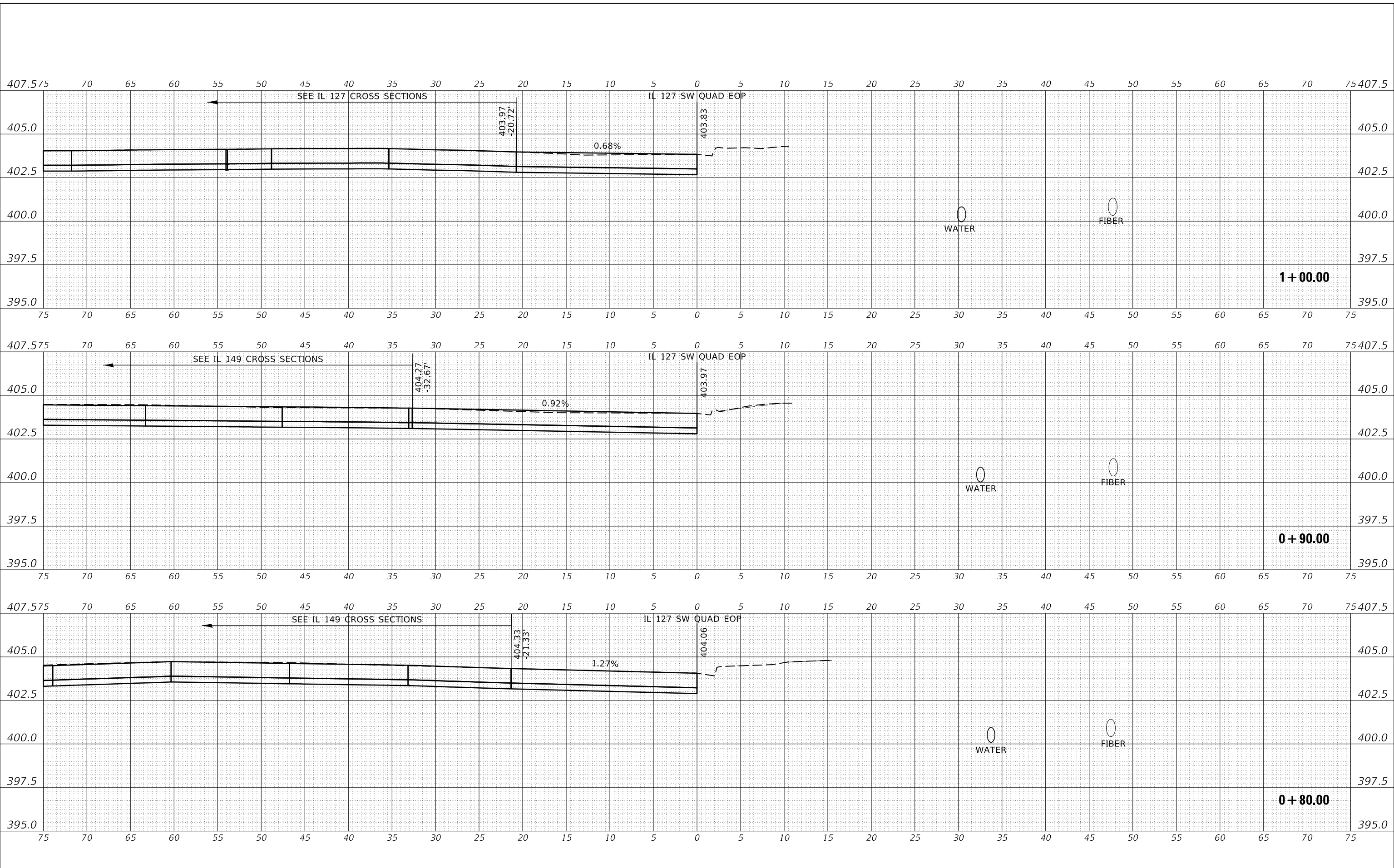
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	47
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

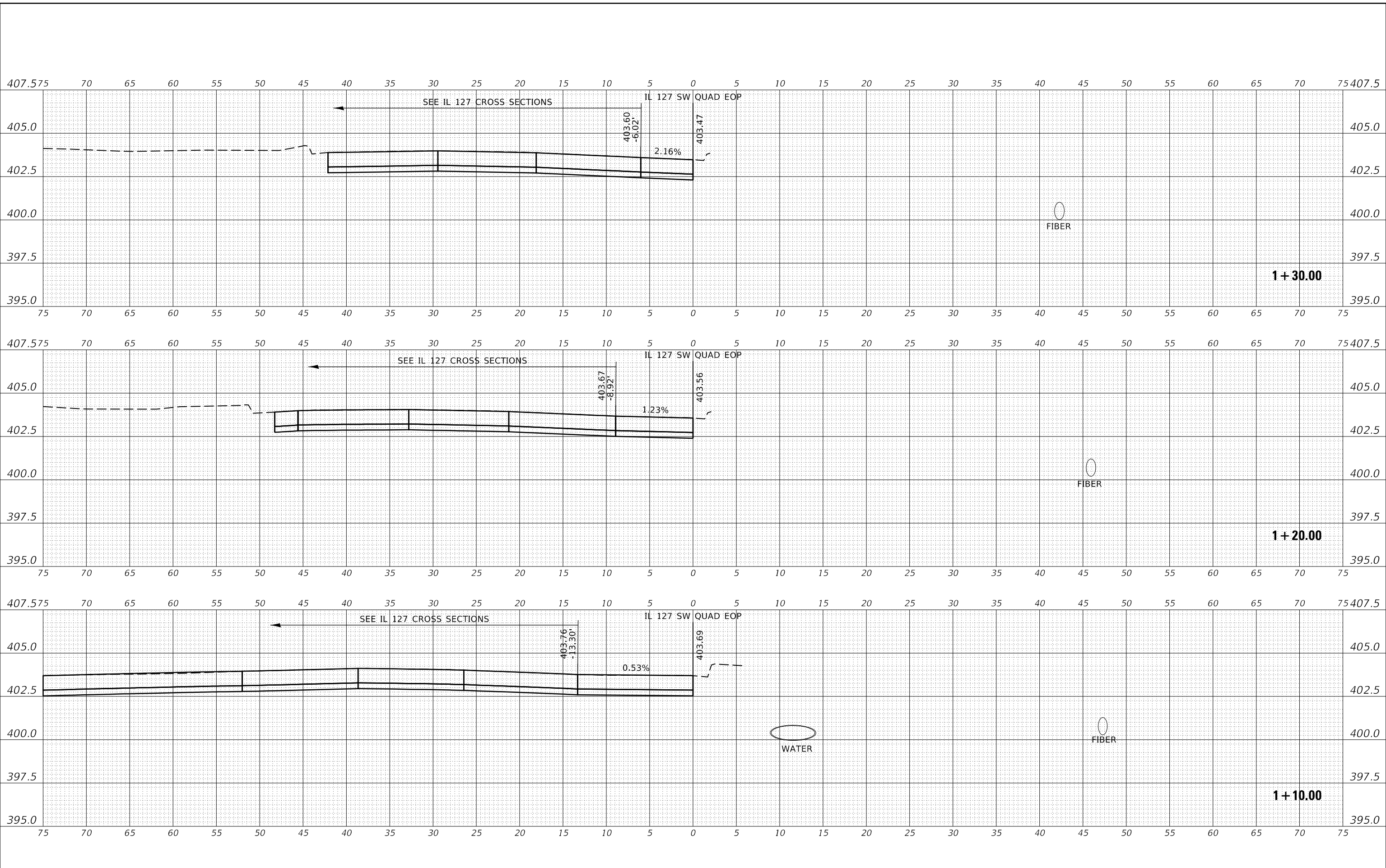
IL 127 SW QUAD CROSS SECTIONS			
SCALE:	SHEET	OF	SHEETS
STA. 0+80.00 TO STA. 1+00.00			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	49
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

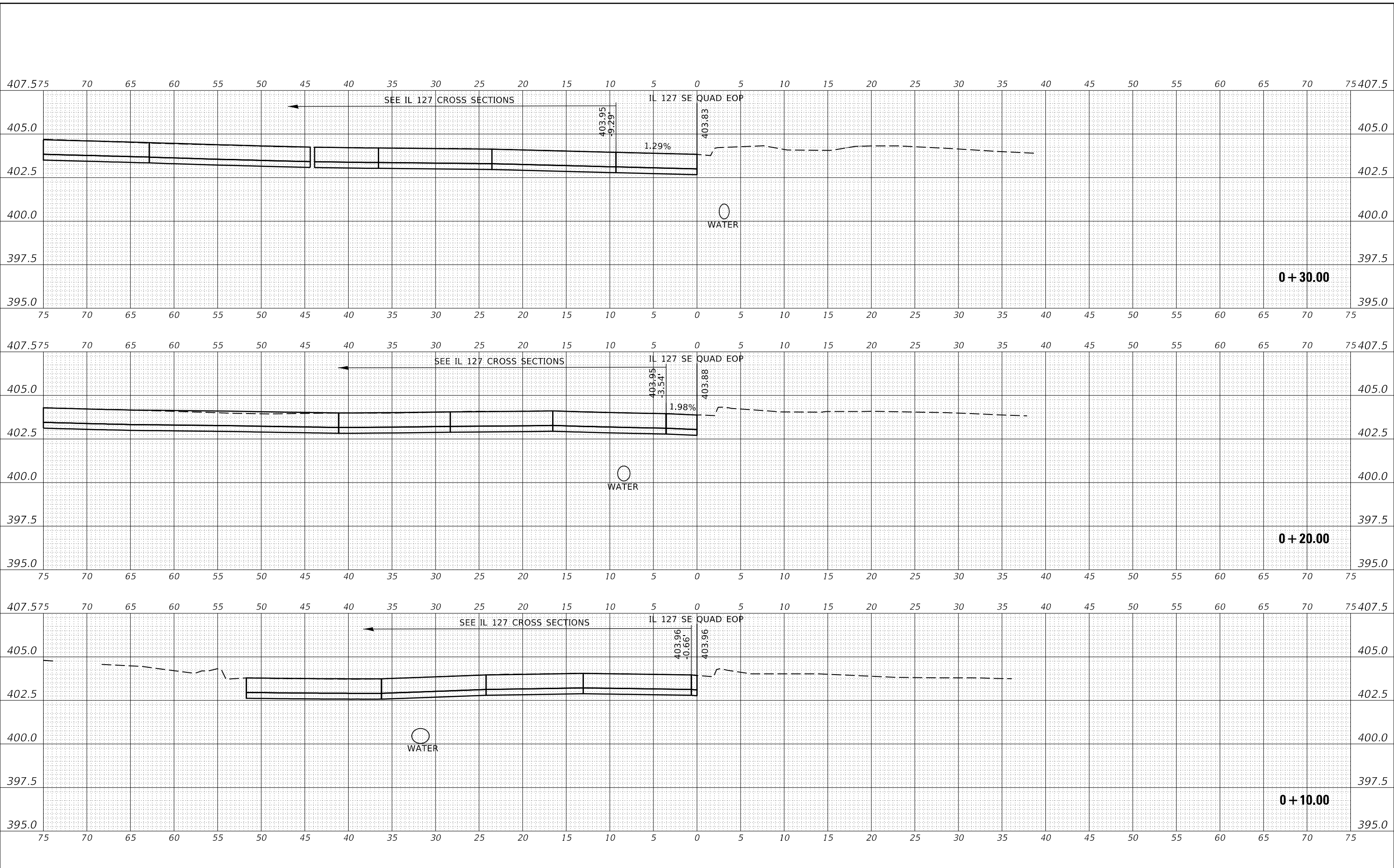
IL 127 SW QUAD CROSS SECTIONS			
SCALE:	SHEET	OF	SHEETS
		STA. 1+10.00 TO STA. 1+30.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	50
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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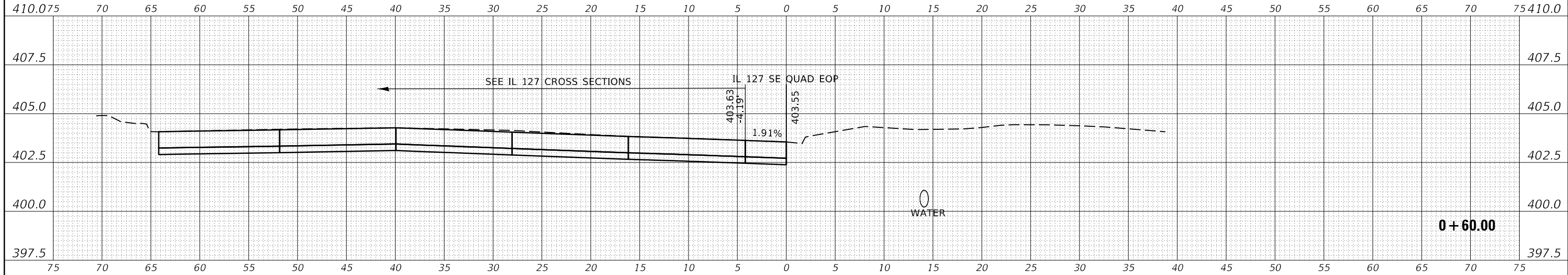
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

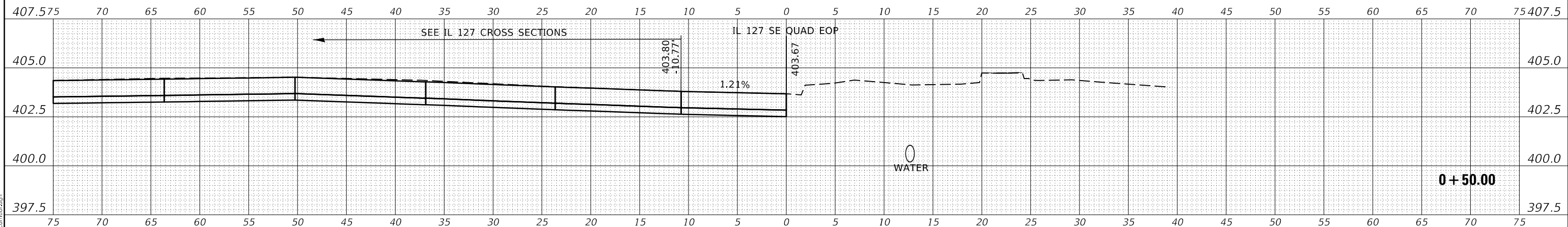
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SCALE:	SHEET	OF	SHEETS
STA. 0+10.00 TO STA. 0+30.00			

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	51
* F.A.P. 331 / F.A.S. 1909		CONTRACT NO. 78612		
ILLINOIS		FED. AID PROJECT		

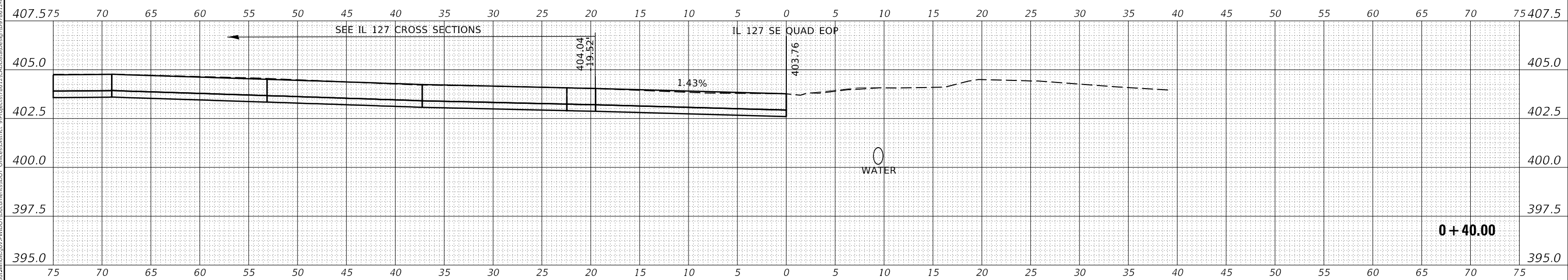
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AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



USER NAME = white	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA. 0+40.00 TO STA. 0+60.00
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(12-1)PCC-1	JACKSON	52	52
* F.A.P. 331 / F.A.S. 1909			CONTRACT NO. 78612	
ILLINOIS FED. AID PROJECT				

MODEL: I7_SF_PAD
FILE NAME: D:\gablencom\ad\Illinois\gov\PIV\DOT\Documents\DOT_Offices\District_3\Projects\78612\CAD\Drawn\Design\I78612\I7-AltIn_Corridor.dgn