

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	1
ILLINOIS CONTRACT NO. 78709				

\* 212 + 2 = 214 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-16  
FOR STRUCTURAL PAVEMENT DESIGN INFORMATION, SEE SHEET NO. 18

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 331 (IL 13)  
SECTION (5-3)R-2,N-2,TS-1  
PROJECT NHPP-7582(918)

**INTERSECTION IMPROVEMENTS AND MULTI-USE PATH  
JACKSON COUNTY**

**TRAFFIC DATA**

IL 13 2017 ADT = 27090 WITH 6.6% TRUCKS

DESIGN DESIGNATION : 3768(37)OTHER PRINCIPAL ARTERIAL 5.24(FD-20)(PCC-20)

COORDINATE SYSTEM : EPSG:102672 NAD 1983 StatePlane  
Illinois West FIPS 1202 Feet

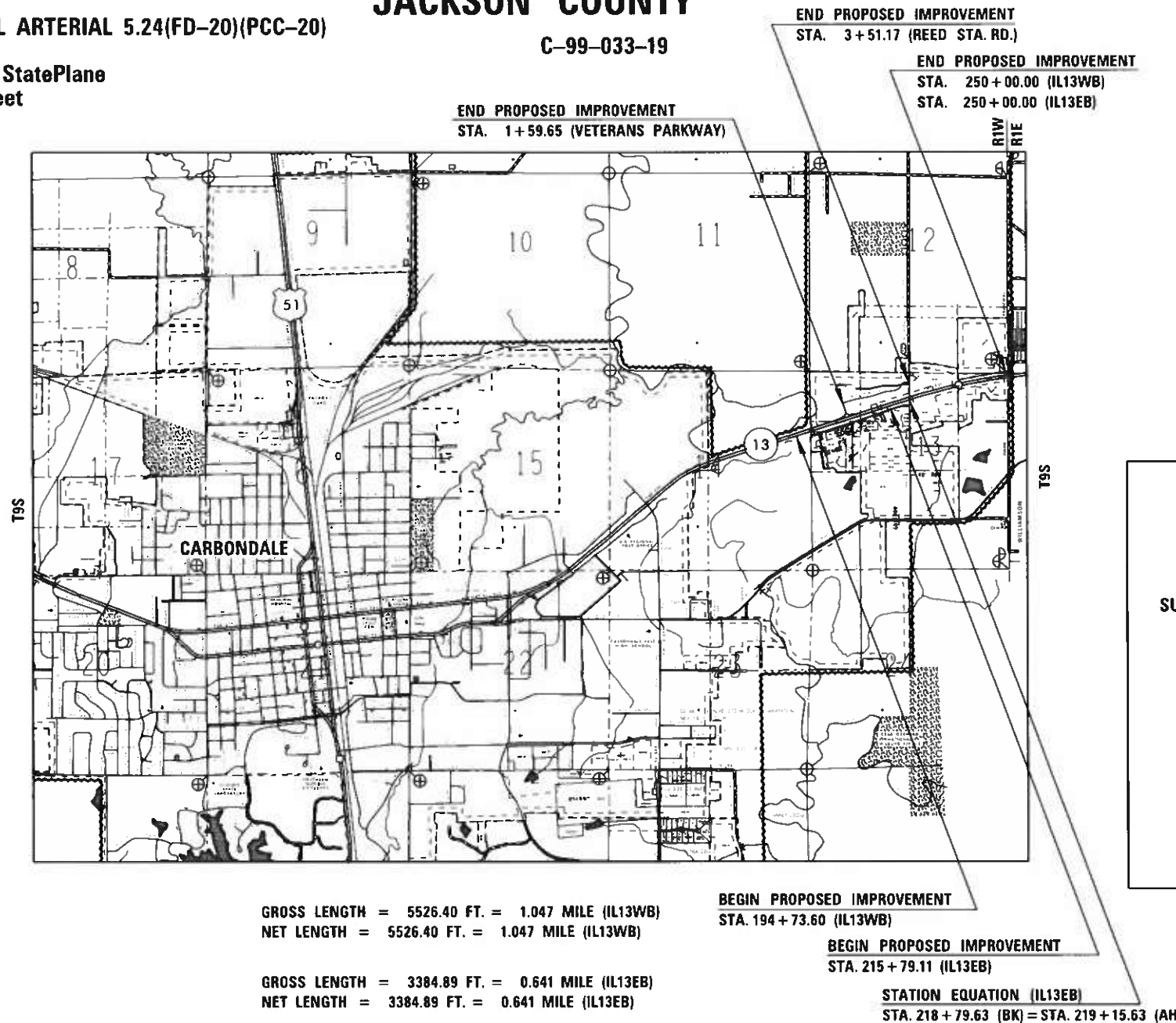
POSTED SPEED : 45, 55 MPH

TOWNSHIP: CARBONDALE

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

PROJECT ENGINEER SUSAN POE  
PROJECT DESIGNER PATRICK NAAS

CONTRACT NO. 78709



GROSS LENGTH = 5526.40 FT. = 1.047 MILE (IL13WB)  
NET LENGTH = 5526.40 FT. = 1.047 MILE (IL13WB)

GROSS LENGTH = 3384.89 FT. = 0.641 MILE (IL13EB)  
NET LENGTH = 3384.89 FT. = 0.641 MILE (IL13EB)

BEGIN PROPOSED IMPROVEMENT  
STA. 194 + 73.60 (IL13WB)

BEGIN PROPOSED IMPROVEMENT  
STA. 215 + 79.11 (IL13EB)

STATION EQUATION (IL13EB)  
STA. 218 + 79.63 (BK) = STA. 219 + 15.63 (AH)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03-16 2020  
[Signature]  
REGION FIVE ENGINEER

May 8, 2020  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 DISTRICT PROGRAM DEVELOPMENT ENGINEER

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Examined By: [Signature]  
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Doris J. Weisick  
 DISTRICT CONSTRUCTION ENGINEER

Examined By: Robert Graeff (AWH)  
 DISTRICT MATERIALS ENGINEER

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

SCALE	SHEET	OF	SHEETS	STA	TO	STA
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F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	15-31R-2,N 2,TS-1	JACKSON	212	2
ILLINOIS FED. AID PROJECT			CONTRACT NO 78709	

# LIST OF STANDARDS

000001-07\_STANDARDSYMBOLSABBREVIATIONS&PATTERNS  
 001001-02\_AREASOFREINFREBARS  
 001006\_DECIMALOFINCH&FOOT  
 280001-07\_TEMPEROSIONCNTRLSYSTEMS  
 353001-05\_PCCBSECSEWITHHMABIND&SURFCSES  
 420001-09\_PAVEMENTJOINTS  
 420101-06\_24FTJOINTEDPCCPVM  
 420106-06\_36FTJOINTEDPCCPVM  
 424001-11\_PERPENDICULARCURBRAMPS  
 442201-03\_CLASSC&DPATCHES  
 482001-02\_HMASHLDADJTOFLEXPVM  
 483001-05\_PCCSHLD  
 542201-02\_REINFCNCNDSECTFORPIPECULV15-36INDIASKEWED  
 542301-03\_PRECASTREINFCNCFLAREDENDSECT  
 542306-03\_PRECASTREINFCNCELLIPTICALFLAREDENDSECT  
 542531-04\_INLETBOXTYPEG24IN  
 542546-01\_FLUSHINLETBOXFORMEDIAN  
 602301-04\_INLET-TYPEA  
 602306-03\_INLET-TYPEB  
 604026-03\_FRAME&GRATETYPE6  
 604036-03\_GRATETYPE8  
 606001-07\_CONCCURBTYP&COMBOCONCC&G  
 606301-04\_PCCISLANDS&MEDIANS  
 701101-05\_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP  
 701106-02\_OFFRDOP-MULTILN-MORETHAN15FTAWAY  
 701301-04\_LNCLOSURE2L2W-SHORTTIMEOP  
 701422-10\_LNCLOSUREMULTILN-45-55MPH  
 701426-09\_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE  
 701601-09\_URBANLNCLOSUREMULTILN1W2WWITHNONTRVSABLEMED  
 701701-10\_URBANLNCLOSUREMULTILNINTERSECTION  
 701801-06\_SIDEWALKCORNERORCROSSWALKCLOSURE  
 701901-08\_TRAFCNTRLDEVICES  
 720001-01\_SIGNPANELMOUNTDETAILS  
 720016-04\_MASTARMOUNTEDSTNAME SIGNS  
 728001-01\_TELESCOPINGSTEELSIGNSUPPORT  
 780001-05\_TYPICALPVMTRKINGS  
 781001-04\_TYPICALAPPRAISEDREFLCPVMTMRKRS  
 805001-01\_ELECSRVCINSTALLDETAILS  
 814001-03\_HANDHOLES  
 857001-01\_STDPHASEDESIGNATIONDIAGRAMS&PHASESEQ  
 873001-02\_TRAFSIGNALGROUND&BOND  
 876001-04\_PEDESTRIANPUSHBUTTONPOST  
 877011-10\_STEELCOMBOMASTARMASSEMBLY&POLE16'THRU55'  
 878001-10\_CONCRETEFOUNDATIONDETAILS  
 880006-01\_TRFSIGNALMOUNTDETAILS-POST&BRACKETMOUNT  
 BLR21-9\_TYPAPTRAFCNTRLDEVICES-CONSTRONRURALLOCALHWYS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIST OF STANDARDS /INDEX OF SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	3
CONTRACT NO. 78709			ILLINOIS FED. AID PROJECT	

# 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.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

TRIM EDGES OF EXISTING HOT MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW BASE COURSE WIDENING.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE INSIDE EDGE OF THE OUTSIDE SHOULDER 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.

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.

QUANTITY SHOWN FOR MATERIAL TRANSFER DEVICE IS FOR THE PLACEMENT OF ALL HMA SQ YD AND TON ITEMS. THE THREE DAY PLACEMENT AND COMPACTION REQUIREMENT AS PER ART. 311.05 FOR SUBBASE MATERIALS SHALL BE WAIVED FOR THIS CONTRACT.

PATCHING AND RESURFACING OPERATIONS ARE TO TAKE PLACE AFTER ALL STAGED CONSTRUCTION IS COMPLETE.

FORMS FOR CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ART. 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, AND FACE OF CURB AS NEEDED, ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS. THIS WORK WILL BE PAID ACCORDING TO ARTICLE 109.04.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS, BOX CULVERTS, OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE 4"

RAMP THE 1 AND 2 NOSES OF CURBED CORNER ISLANDS UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS, OR SIGN TRUSS SUPPORTS. SEE STANDARD 606301 FOR DETAILS OF RAMPING NOSES.

REMOVAL OF ABANDONED UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OF THE EXISTING VEHICLE DETECTION SYSTEM.

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE LIFT AT HMA RESURFACING LOCATIONS AND UNDER THE SURFACE LIFT AND TOP BINDER LIFT AT FULL DEPTH PAVEMENT LOCATIONS AS SHOWN ON THE LONGITUDINAL JOINT SEALANT SCHEDULE.

COMMITMENTS:  
NONE

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<small>USER NAME</small> = naasdp	<small>DESIGNED</small> -	<small>REVISED</small> -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES /COMMITMENTS</b>			<small>F.A.P RTE.</small>	<small>SECTION</small>	<small>COUNTY</small>	<small>TOTAL SHEETS</small>	<small>SHEET NO.</small>
<small>PLOT SCALE</small> = 100,0000 ' / in.	<small>CHECKED</small> -	<small>REVISED</small> -					331	(5-3)R-2,N-2,TS-1	JACKSON	212	4
<small>PLOT DATE</small> = 5/14/2020	<small>DATE</small> -	<small>REVISED</small> -		<small>SCALE:</small> <small>SHEET</small> <small>OF</small> <small>SHEETS</small> <small>STA.</small> <small>TO</small> <small>STA.</small>			<small>ILLINOIS</small>   <small>FED. AID PROJECT</small>				
				<small>CONTRACT NO. 78709</small>							



# MIXTURE REQUIREMENTS

## SHOULDER COURSES

## SURFACE COURSES

Locations	Hot-Mix Asphalt Shoulders (Top Lift and Tons)
Mixture Use(s):	Hot-Mix Asphalt Shoulders, IL-9.5L
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-9.5L
(Gradation Mixture)	
Friction Aggregate:	None
Quality Management Program:	QCQA

Locations	Hot-Mix Asphalt Surface Course (Full Depth and Tons)
Mixture Use(s):	Polymer Stone Matrix Asphalt Surface, Mix E, N80
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 80 Gyration Design
Mixture Composition:	IL-9.5mm SMA
(Gradation Mixture)	
Friction Aggregate:	E Surface SMA
Quality Management Program:	QCP - Full Depth and Tons

## BINDER COURSES

Locations	Hot-Mix Asphalt Shoulders (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Shoulders, IL-19.0L
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition:	IL-19.0L
(Gradation Mixture)	
Friction Aggregate:	None
Quality Management Program:	QC/QA

Locations	Hot-Mix Asphalt Binder Course (Top Lift)
Mixture Use(s):	Polymer Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition:	IL-19.0mm
(Gradation Mixture)	
Friction Aggregate:	None
Quality Management Program:	QCP - Full Depth

Locations	Hot-Mix Asphalt Binder Course (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition:	IL-19.0mm
(Gradation Mixture)	
Friction Aggregate:	None
Quality Management Program:	QCP - Full Depth

Locations	Hot-Mix Asphalt Binder Course (Tons)
Mixture Use(s):	Polymer Hot-Mix Asphalt Binder Course, N90, IL-9.5FG
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition:	IL-9.5FG
(Gradation Mixture)	
Friction Aggregate:	None
Quality Management Program:	QCQA

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**STATE OF ILLINOIS  
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<b>MIXTURE REQUIREMENTS</b>	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78709				
		ILLINOIS FED. AID PROJECT		

# SUMMARY OF QUANTITIES

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
20200100	EARTH EXCAVATION	CU YD	21,341	21,341		
20700110	POROUS GRANULAR EMBANKMENT	TON	276	276		
20800150	TRENCH BACKFILL	CU YD	296	296		
25000115	SEEDING, CLASS 1B	ACRE	8.03	8.03		
25000350	SEEDING, CLASS 7	ACRE	8.03	8.03		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,445	1,445		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,445	1,445		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,445	1,445		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	16.1	16.1		
25100115	MULCH, METHOD 2	ACRE	16.06	16.06		
25100630	EROSION CONTROL BLANKET	SQ YD	3,134	3,134		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3,336	3,336		
28000305	TEMPORARY DITCH CHECKS	FOOT	768	768		

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**STATE OF ILLINOIS  
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**SUMMARY OF QUANTITIES**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	6
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
28000400	PERIMETER EROSION BARRIER	FOOT	5,605	5,605		
28000500	INLET AND PIPE PROTECTION	EACH	7	7		
28100107	STONE RIPRAP, CLASS A4	SQ YD	218	218		
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	7	7		
28200200	FILTER FABRIC	SQ YD	218	218		
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	33,418	33,418		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	75,189	75,189		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,287	29,287		
40600990	TEMPORARY RAMP	SQ YD	310	310		
40603209	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90	TON	1,390	1,390		
40605024	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	1,750	1,750		
40701926	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"	SQ YD	15,336	15,336		
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	6,514	6,514		

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**STATE OF ILLINOIS  
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# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
42001300	PROTECTIVE COAT	SQ YD	6,876	6,876		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	26,000		26,000	
42400800	DETECTABLE WARNINGS	SQ FT	10	10		
44000100	PAVEMENT REMOVAL	SQ YD	7,085	7,085		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	972	972		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	22,164	22,164		
44000400	GUTTER REMOVAL	FOOT	16	16		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	489	489		
44004250	PAVED SHOULDER REMOVAL	SQ YD	7,528	7,528		
44213204	TIE BARS 3/4"	EACH	1,001	1,001		
48203046	HOT-MIX ASPHALT SHOULDERS, 12 1/4"	SQ YD	9,014	9,014		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	194	194		
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	509	509		

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	8
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
48301000	PROTECTIVE COAT	SQ YD	509	509		
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2		
50105220	PIPE CULVERT REMOVAL	FOOT	32	32		
50800105	REINFORCEMENT BARS	POUND	6,900	6,900		
54002020	EXPANSION BOLTS 3/4 INCH	EACH	32	32		
54003000	CONCRETE BOX CULVERTS	CU YD	38.9	38.9		
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	39	39		
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	278	278		
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	31	31		
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	18	18		
542A0265	PIPE CULVERTS, CLASS A, TYPE 1 60"	FOOT	162	162		
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	16	16		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1		

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# SUMMARY OF QUANTITIES - CONT

			COUNTY:	JACKSON		
			ROUTE:	FAP 331 (IL 13)		
			FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
			LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2		
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2	2		
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2	2		
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1	1		
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	5	5		
54246405	INLET BOX, STANDARD 542531	EACH	1	1		
54248510	CONCRETE COLLAR	CU YD	3.5	3.5		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	67	67		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	257	257		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	168	168		
55100700	STORM SEWER REMOVAL 15"	FOOT	68	68		
55101200	STORM SEWER REMOVAL 24"	FOOT	31	31		

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	10
CONTRACT NO. 78709				
		ILLINOIS FED. AID PROJECT		

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
	URBAN	URBAN	URBAN
	0003	0028	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
55102100	STORM SEWER REMOVAL 60"	FOOT	163	163		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1		
60240240	INLETS, TYPE B, TYPE 6 FRAME AND GRATE	EACH	1	1		
60500060	REMOVING INLETS	EACH	5	5		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	88	88		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	241	241		
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	658	658		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	673	673		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	7,010	7,010		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
67100100	MOBILIZATION	L SUM	1	1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	11
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
	URBAN	URBAN	URBAN
	0003	0028	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS
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	88	88		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	839	839		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,215	12,215		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4,072	4,072		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	291	291		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	27,388	27,388		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	623	623		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	94	94		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	69	69		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	267	267		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,599	22,599		

\* SPECIALTY ITEM

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	12
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	401	401		
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	146	146		
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	2,761	2,761		
* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	223	223		
* 78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	94	94		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	650	650		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	323	323		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	67	67		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	24			24
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	95			95
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	113			113
* 81400100	HANDHOLE	EACH	2			2
* 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	232			232

\* SPECIALTY ITEM

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	13
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
* 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	1			1
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	197			197
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	503			503
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	281			281
* 87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	1			1
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1			1
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3			3
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13			13
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3			3
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12			12
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1

\* SPECIALTY ITEM

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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	14
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
* X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	1			1
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	3	3		
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	8,049	8,049		
X1700025	CLASS C PATCHES, TYPE II, 11 INCH (SPECIAL)	SQ YD	533	533		
X1700027	CLASS C PATCHES, TYPE II, 14 INCH (SPECIAL)	SQ YD	22	22		
X2503100	MOWING	UNIT	149	149		
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1,578	1,578		
X4421000	PARTIAL DEPTH PATCHING	TON	69	69		
X6024240	INLETS, SPECIAL	EACH	2	2		
X6024242	INLETS, SPECIAL, NO. 1	EACH	2	2		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	10,232	10,232		
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	64,517	64,517		

\* SPECIALTY ITEM

MODEL: SDO\_SCHEDULES  
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**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.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	15
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON		
ROUTE:	FAP 331 (IL 13)		
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL	80% FED / 15% STATE / 5% LOCAL
LOCATION:	ROADWAY	MULTI-USE PATH	TRAFFIC SIGNALS

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN 0003	URBAN 0028	URBAN 0021
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	27.6	27.6		
* X7800956	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - CONTRAST - LINE 7"	FOOT	2,028	2,028		
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	329	329		
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	25,360	25,360		
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	623	623		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	94	94		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	27,331	27,331		
Z0034105	MATERIAL TRANSFER DEVICE	TON	20,037	20,037		
* Z0054517	ROCK FILL - FOUNDATION	TON	8	8		
X1400425	BICYCLE INDICATOR	EACH	1			1
X2600030	MILE MARKER POST	EACH	5	5		
* X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	2,028	2,028		
* X2600031	SIGN PANEL - TYPE 1 (SPECIAL) DOUBLE SIDED	SQ FT	6.6	6.6		
Ø Z0076600	TRAINEES	HOUR	1000	1000		
X0301728	CONCRETE COLLAR (SPECIAL)	CU YD	0.33	0.33		
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000		

\* SPECIALTY ITEM    Ø 0042

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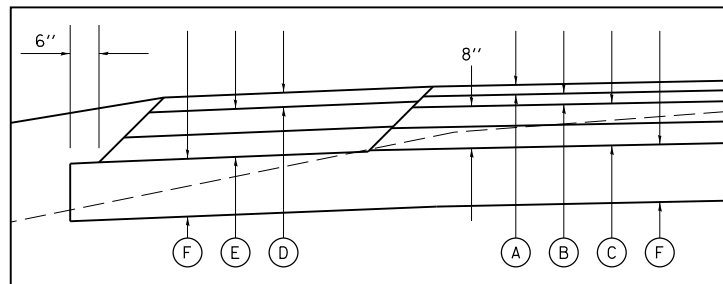
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	16
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

PAVING DETAIL FOR LANE ADDITION

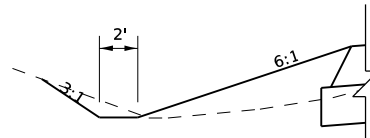


- (A) POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
  - (B) POLY. HMA BINDER COURSE, IL-19.0, N90, 2 3/4"
  - (C) HMA BINDER COURSE, IL-19.0, N90
  - (D) HOT-MIX ASPHALT SHOULDERS, IL-9.5L, 3" MAX
  - (E) HOT-MIX ASPHALT SHOULDERS, IL-19.0L
  - (F) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- \* FOR INFORMATION ONLY - NOT PAY ITEMS  
SEE MIX DESIGN TABLES FOR MORE INFORMATION

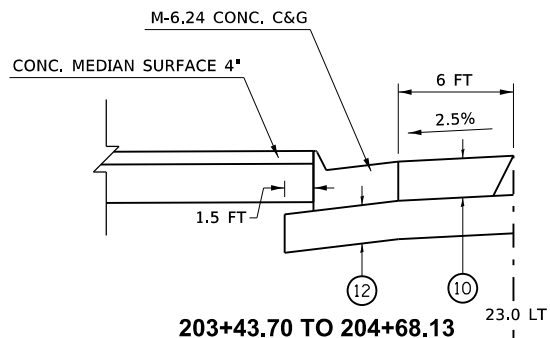
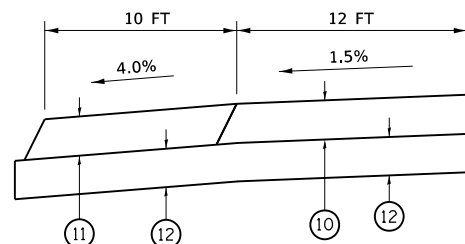
LEGEND

- (1) EXISTING PCC PAVEMENT 9" - 7" - 9"
- (2) EXISTING SUB-BASE 10" (APPROX)
- (3) EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
- (4) EXISTING SUB-BASE 4"
- (5) EXISTING HMA OVERLAY 3 3/4" (APPROX)
- (6) EXISTING HMA OVERLAY 4" (APPROX)
- (7) EXISTING PCC PAVEMENT 8"
- (8) EXISTING HMA PAVEMENT 4 1/2"
- (9) EXISTING HMA PAVEMENT 10"
- (9A) EXISTING HMA PAVEMENT 14 3/4"
- (10) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (12) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- (13) PROPOSED PCC SIDEWALK 5"
- (14) PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
- (15) PROPOSED PCC 10" JOINTED
- (16) PROPOSED PCC SHOULDERS, 10"
- (20) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- (21) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"

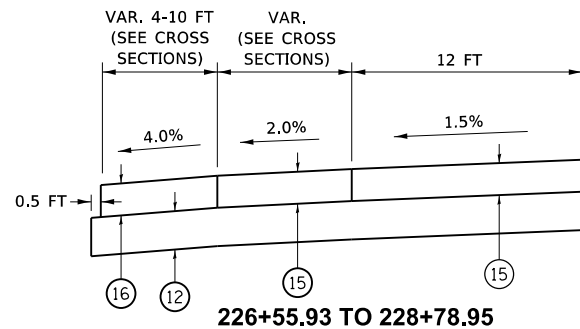
6:1 FILL SLOPE & DITCH  
226+55 TO 239+00  
243+50 TO 250+00



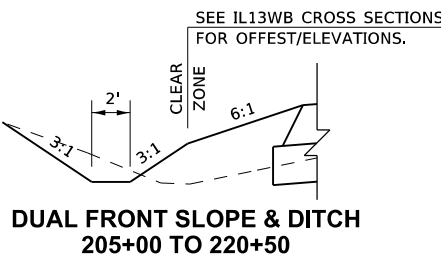
228+78.95 TO 250+00.00



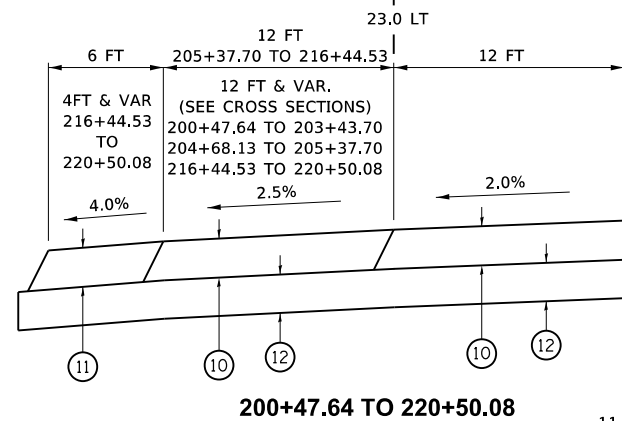
203+43.70 TO 204+68.13



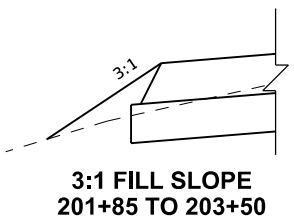
226+55.93 TO 228+78.95



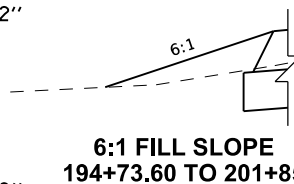
DUAL FRONT SLOPE & DITCH  
205+00 TO 220+50



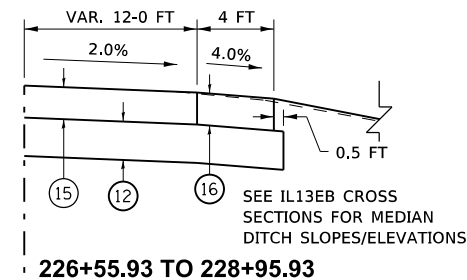
200+47.64 TO 220+50.08



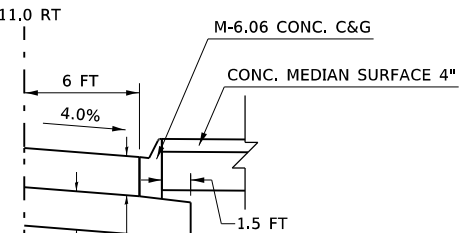
3:1 FILL SLOPE  
201+85 TO 203+50



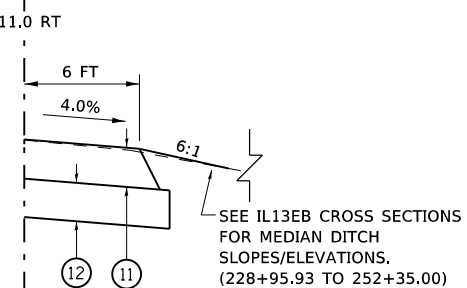
6:1 FILL SLOPE  
194+73.60 TO 201+85



226+55.93 TO 228+95.93

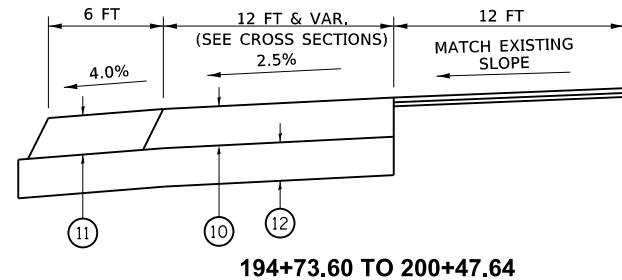


217+86.22 TO 220+50.08

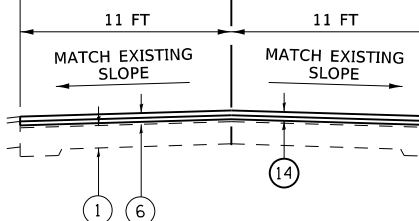


196+00.00 TO 217+86.22  
228+95.93 TO 252+35.00

IL RTE 13  
(WESTBOUND)  
LOOKING EAST



194+73.60 TO 200+47.64



194+73.60 TO 220+50.08  
226+55.93 TO 250+00.00

MODEL: TYPICALS  
FILE NAME: P:\Highway\1100\1100.dwg  
PROJECT: 1100  
DATE: 3/17/2020

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS: IL 13 WESTBOUND

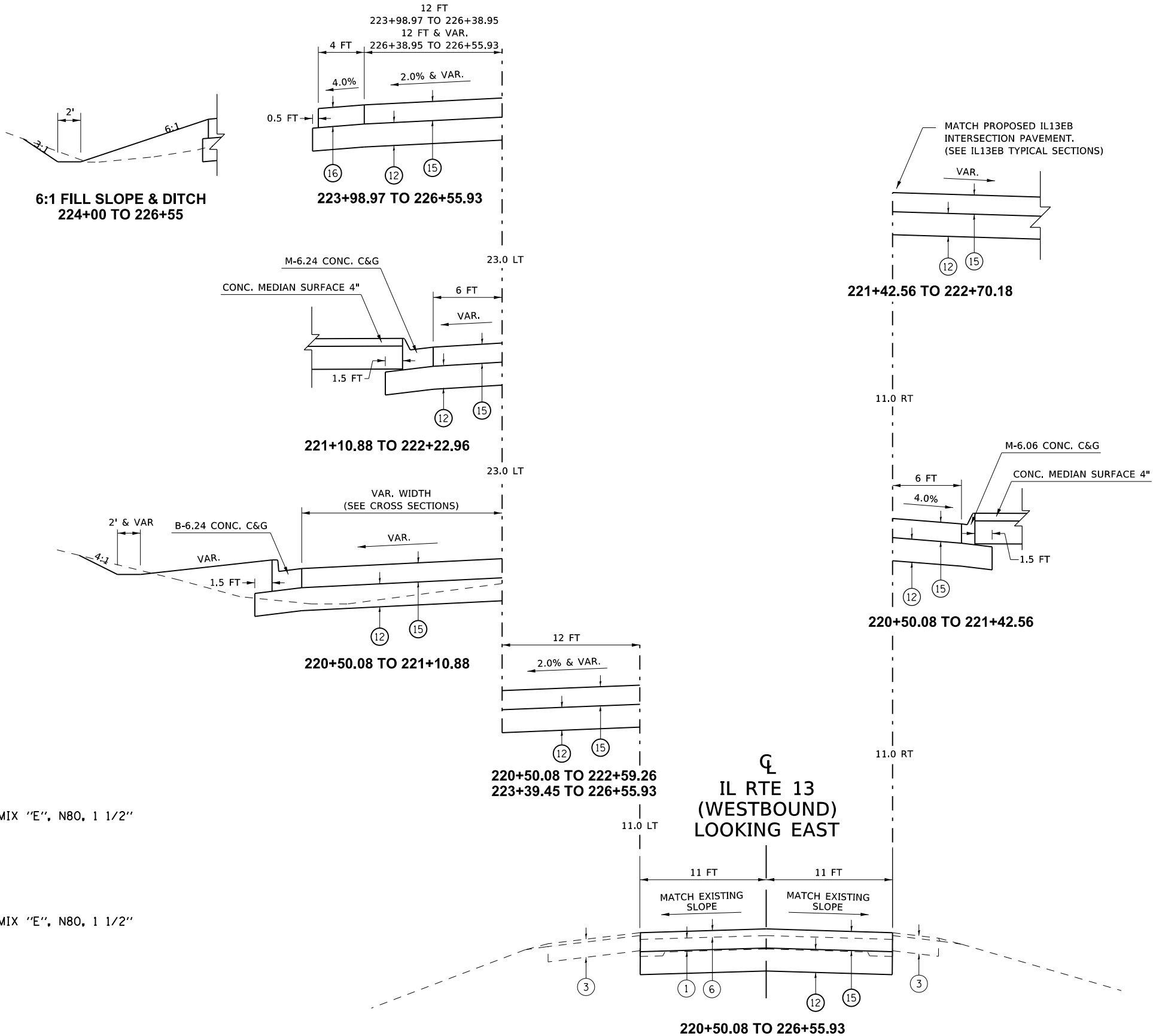
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	17
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

STRUCTURAL DESIGN TRAFFIC: Year 2027  
 PV = 29,362 SU = 1,017 MU = 1,076  
 ROAD/STREET CLASSIFICATION: Class CLASS I  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 20% S = 40% M = 40%  
 TRAFFIC FACTOR: Actual TF = 5.25 AC Type = \_\_\_\_\_  
 Minimum TF = 3.16  
 PG GRADE: Top Binder = PG76 Lower Binder = PG64  
 Surface = PG76  
 SUBGRADE SUPPORT RATING:  
 SSR = POOR (Sta. 194+73.60 to 250+00.00) IL13WB  
 SSR = POOR (Sta. 215+79.11 to 250+00.00) IL13EB

**LEGEND**

- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
- ② EXISTING SUB-BASE 10" (APPROX)
- ③ EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
- ④ EXISTING SUB-BASE 4"
- ⑤ EXISTING HMA OVERLAY 3 3/4" (APPROX)
- ⑥ EXISTING HMA OVERLAY 4" (APPROX)
- ⑦ EXISTING PCC PAVEMENT 8"
- ⑧ EXISTING HMA PAVEMENT 4 1/2"
- ⑨ EXISTING HMA PAVEMENT 10"
- ⑨A EXISTING HMA PAVEMENT 14 3/4"
- ⑩ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑬ PROPOSED PCC SIDEWALK 5"
- ⑭ PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
 PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
 PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
- ⑮ PROPOSED PCC 10" JOINTED
- ⑯ PROPOSED PCC SHOULDERS, 10"
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
 PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
 PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"



MODEL: TYPICALS  
 FILE NAME: P:\pbl\pbl\room\dat\illinois\gov\PHUDOT\Documents\IBOT\_Offices\Drawings\9\Project\13\_e\ibot\_chavane072720\CADD\Drawings\9\13\13-Typ\_Sch\_Tiles\_CrossSection.dgn  
 DATE: 3/17/2020

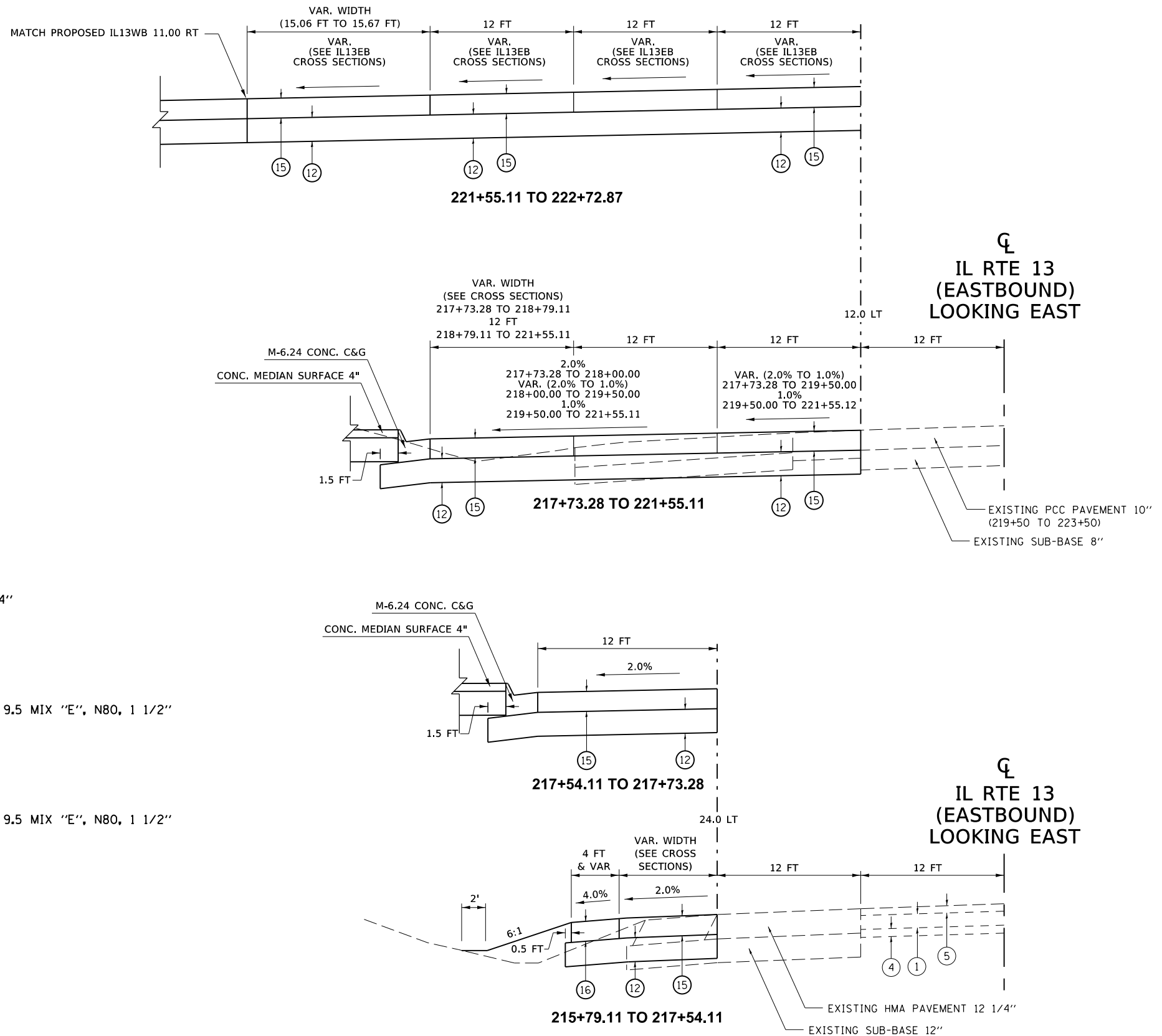
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DRAWN -	REVISOR -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICALS: IL 13 WESTBOUND**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	18
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		



**LEGEND**

- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
- ② EXISTING SUB-BASE 10" (APPROX)
- ③ EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
- ④ EXISTING SUB-BASE 4"
- ⑤ EXISTING HMA OVERLAY 3 3/4" (APPROX)
- ⑥ EXISTING HMA OVERLAY 4" (APPROX)
- ⑦ EXISTING PCC PAVEMENT 8"
- ⑧ EXISTING HMA PAVEMENT 4 1/2"
- ⑨ EXISTING HMA PAVEMENT 10"
- ⑨A EXISTING HMA PAVEMENT 14 3/4"
- ⑩ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑬ PROPOSED PCC SIDEWALK 5"
- ⑭ PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
- ⑮ PROPOSED PCC 10" JOINTED
- ⑯ PROPOSED PCC SHOULDERS, 10"
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"

MODEL: TYPICALS  
 FILE NAME: P:\pub\workroom\dat\illinois\pov\pwid\DOT\Documents\DOT - Offices\District 9\Projects\13\_qlant\_chavne072720\CADD\13\CD\Sheet\13-Typ\_Sch\_Tiles\_Crop\Elements.dgn

USER NAME = naasdp	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/17/2020	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICALS: IL 13 EASTBOUND**

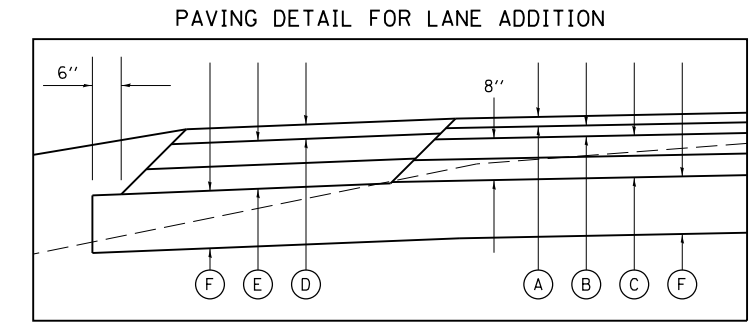
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	19
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



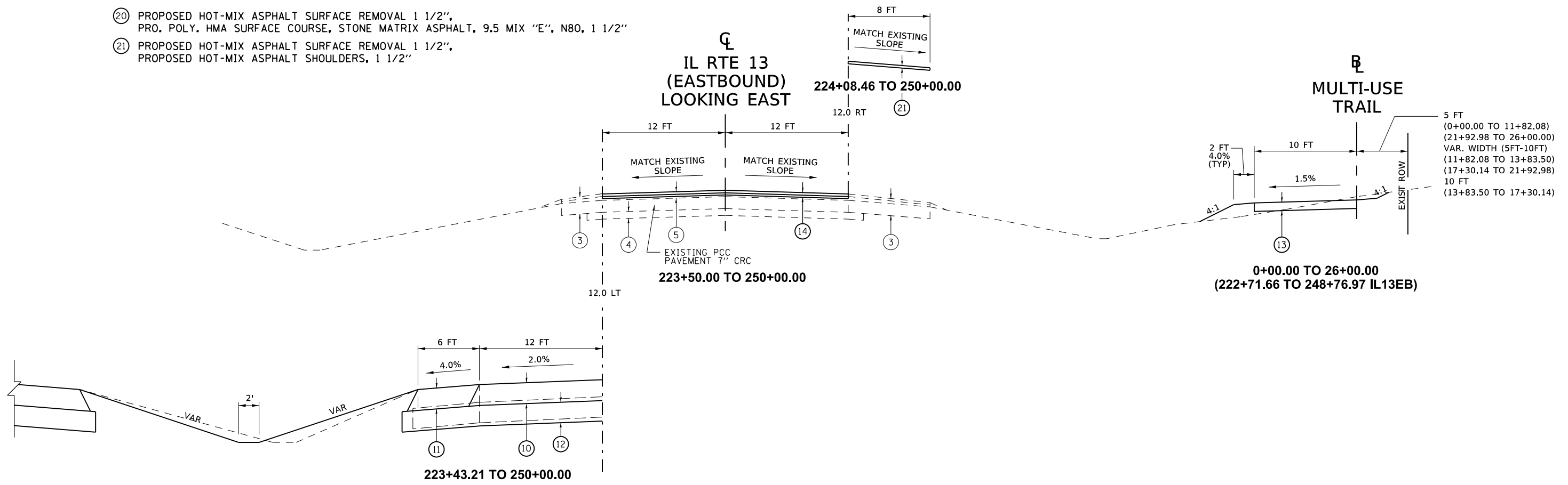
**LEGEND**

- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
- ② EXISTING SUB-BASE 10" (APPROX)
- ③ EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
- ④ EXISTING SUB-BASE 4"
- ⑤ EXISTING HMA OVERLAY 3 3/4" (APPROX)
- ⑥ EXISTING HMA OVERLAY 4" (APPROX)
- ⑦ EXISTING PCC PAVEMENT 8"
- ⑧ EXISTING HMA PAVEMENT 4 1/2"
- ⑨ EXISTING HMA PAVEMENT 10"
- ⑨A EXISTING HMA PAVEMENT 14 3/4"
- ⑩ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑬ PROPOSED PCC SIDEWALK 5"
- ⑭ PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
- ⑮ PROPOSED PCC 10" JOINTED
- ⑯ PROPOSED PCC SHOULDERS, 10"
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"



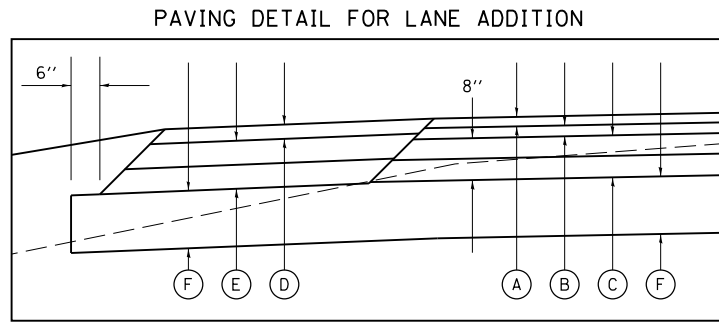
- A POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- B POLY. HMA BINDER COURSE, IL-19.0, N90, 2 3/4"
- C HMA BINDER COURSE, IL-19.0, N90
- D HOT-MIX ASPHALT SHOULDERS, IL-9.5L, 3" MAX
- E HOT-MIX ASPHALT SHOULDERS, IL-19.0L
- F PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"

\* FOR INFORMATION ONLY - NOT PAY ITEMS  
SEE MIX DESIGN TABLES FOR MORE INFORMATION



MODEL: TYPICALS  
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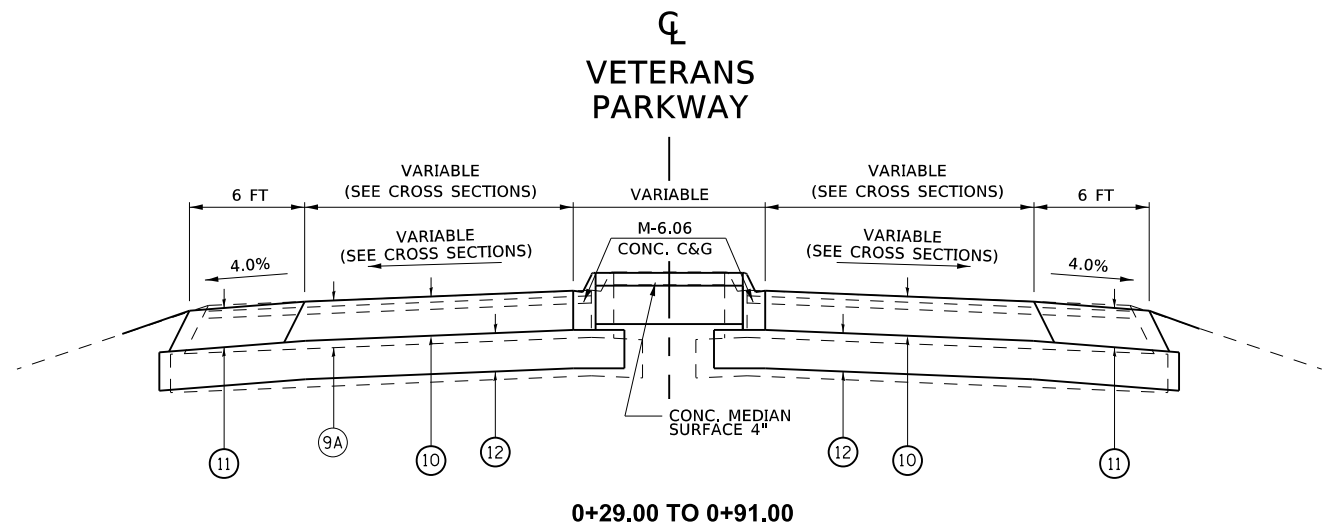
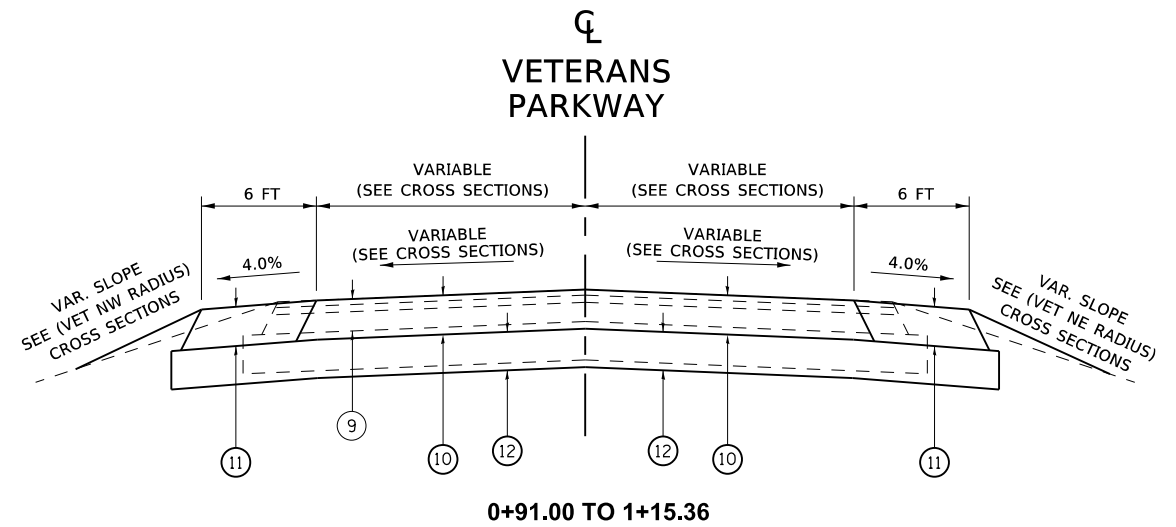
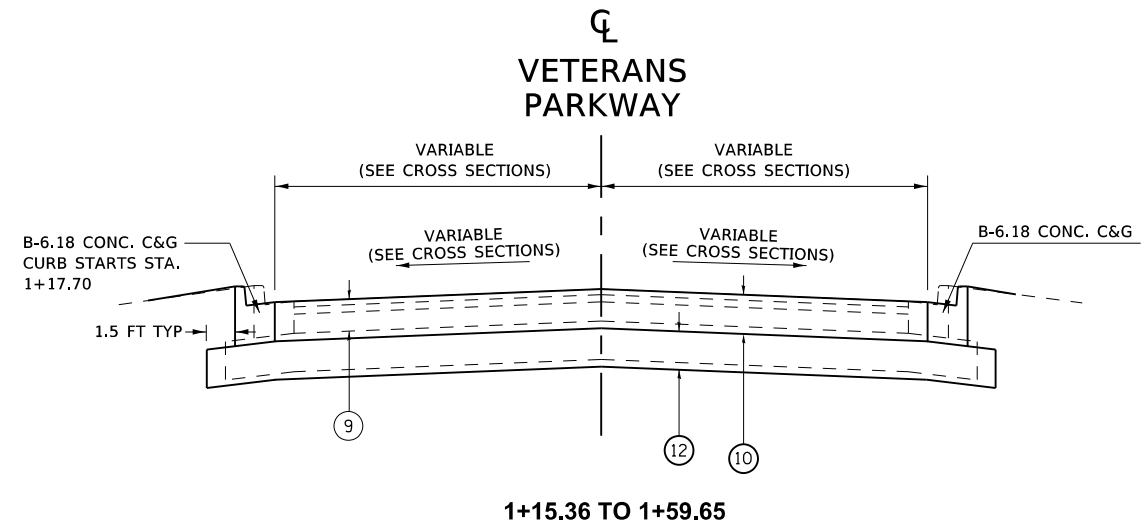
USER NAME = naasdp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICALS: IL 13 EASTBOUND / MULTI-USE PATH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIED -	331			(5-3)R-2,N-2,TS-1	JACKSON	212	20	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -			CONTRACT NO. 78709				
PLOT DATE = 3/17/2020	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT						



- (A) POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
  - (B) POLY. HMA BINDER COURSE, IL-19.0, N90, 2 3/4"
  - (C) HMA BINDER COURSE, IL-19.0, N90
  - (D) HOT-MIX ASPHALT SHOULDERS, IL-9.5L, 3" MAX
  - (E) HOT-MIX ASPHALT SHOULDERS, IL-19.0L
  - (F) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- \* FOR INFORMATION ONLY - NOT PAY ITEMS  
SEE MIX DESIGN TABLES FOR MORE INFORMATION

**LEGEND**

- (1) EXISTING PCC PAVEMENT 9" - 7" - 9"
- (2) EXISTING SUB-BASE 10" (APPROX)
- (3) EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
- (4) EXISTING SUB-BASE 4"
- (5) EXISTING HMA OVERLAY 3 3/4" (APPROX)
- (6) EXISTING HMA OVERLAY 4" (APPROX)
- (7) EXISTING PCC PAVEMENT 8"
- (8) EXISTING HMA PAVEMENT 4 1/2"
- (9) EXISTING HMA PAVEMENT 10"
- (9A) EXISTING HMA PAVEMENT 14 3/4"
- (10) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
- (11) PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (12) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- (13) PROPOSED PCC SIDEWALK 5"
- (14) PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
- (15) PROPOSED PCC 10" JOINTED
- (16) PROPOSED PCC SHOULDERS, 10"
- (20) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
- (21) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"



MODEL: TYPICALS  
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PROJECT: 9/17/2020  
OFFICE: 313  
DATE: 3/17/2020

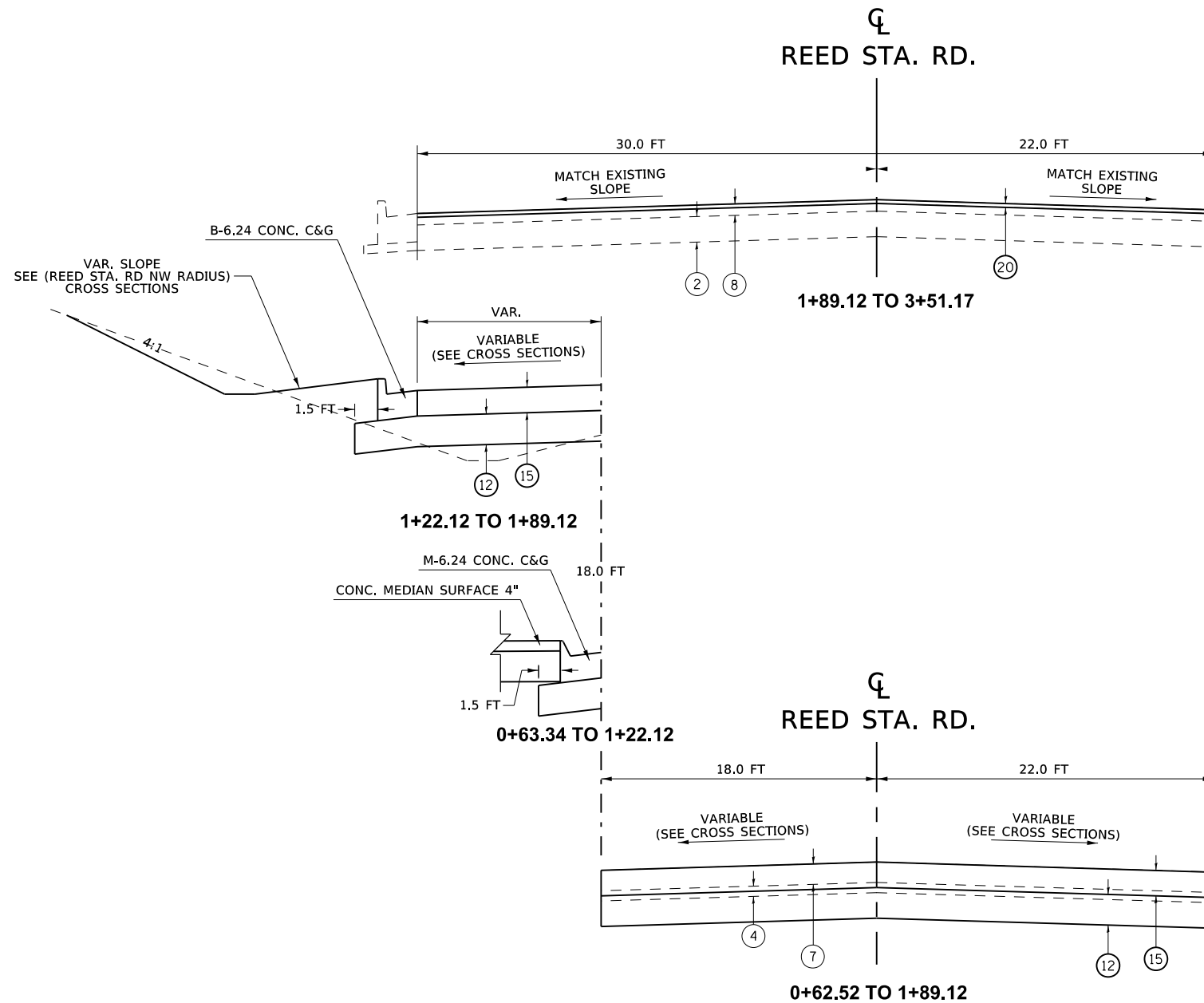
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICALS: VETERANS PARKWAY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	21
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
  - ② EXISTING SUB-BASE 10" (APPROX)
  - ③ EXISTING STABILIZED SHOULDER WITH BITUMINOUS OVERLAY
  - ④ EXISTING SUB-BASE 4"
  - ⑤ EXISTING HMA OVERLAY 3 3/4" (APPROX)
  - ⑥ EXISTING HMA OVERLAY 4" (APPROX)
  - ⑦ EXISTING PCC PAVEMENT 8"
  - ⑧ EXISTING HMA PAVEMENT 4 1/2"
  - ⑨ EXISTING HMA PAVEMENT 10"
  - ⑨A EXISTING HMA PAVEMENT 14 3/4"
  - ⑩ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/4"
  - ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
  - ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
  - ⑬ PROPOSED PCC SIDEWALK 5"
  - ⑭ PRO. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"  
PRO. POLY. HMA BINDER COURSE, IL-9.5, N90, 1 1/4"
  - ⑮ PROPOSED PCC 10" JOINTED
  - ⑯ PROPOSED PCC SHOULDERS, 10"
  - ⑳ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PRO. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5 MIX "E", N80, 1 1/2"
  - ㉑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2",  
PROPOSED HOT-MIX ASPHALT SHOULDERS, 1 1/2"

MODEL: TYPICALS  
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICALS: REED STA. ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	22
CONTRACT NO. 78709				
		ILLINOIS	FED. AID PROJECT	

### REMOVAL SCHEDULE

LOCATION STATION TO STATION	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"	PAVED SHOULDER REMOVAL	PAVEMENT REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	COMB. CURB & GUTTER REMOVAL	GUTTER REMOVAL	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 60"	REMOVING INLETS	CONCRETE HEADWALL REMOVAL	REMOVE EXISTING FLARED END SECTION	TRENCH BACKFILL	COMMENTS
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(CU YD)	
<b>IL13WB</b>																
194 + 73.60 LT TO 210 + 07.79 LT				2900												VARIABLE WIDTH QUANTITY INCLUDES REMOVAL OF VETERANS PARKWAY.
194 + 73.60 TO 200 + 47.64		2169														
194 + 73.60 LT TO 1 + 59.65 LT(VET)			462													REMOVAL QUANTITY CONTINUES ALONG VET. PARKWAY
196 + 00.00 RT TO 221 67.64 RT			1104													
200 + 47.64 TO 220 + 50.08		4895														
203 + 48.20 89.43 LT														1		60"
203 + 55.02 21.10 LT TO 204 + 59.60 20.21 LT						106										
203 + 55.02 21.10 LT TO 204 38.13 56.94 LT						93										
203 + 56.24 88.38 LT TO 205 + 16.99 63.26 LT											162.6				196	
203 + 57.03 21.05 LT TO 204 + 57.61 21.28 LT					1578											
204 38.13 56.94 LT TO 204 59.60 20.21 LT						44										
1 + 59.65 RT(VET) TO 221 + 48.37 LT			1231													REMOVAL QUANTITY BEGINS ON VET. PARKWAY AND CONTINUES ALONG IL13WB
205 + 16.99 63.26 LT														1		60"
215 + 57.06 40.82 LT													1			36"
220 + 50.08 TO 230 + 99.66				2259												
221 + 96.81 63.78 LT														1		24"
222 + 00.76 65.88 LT TO 222 + 20.22 78.04 LT									24.7						11	
222 + 21.81 78.10 LT												1				
223 + 39.50 LT TO 250 + 00.00 LT			2151													
226 + 55.93 RT TO 250 00.00 RT			1023													
226 + 55.93 TO 250 + 00.00		5730														
228 + 32.96 32.40 LT TO 228 + 64.57 32.74 LT								31.7							6	15" CMP
237 + 20.86 40.84 LT													1			24"
<b>IL13EB</b>																
215 + 79.11 LT TO 221 + 70.62 RT			302													
217 + 73.28 LT TO 222 + 72.87 LT				1369												
218 + 02.23 40.60 LT												1				VARIABLE WIDTH QUANTITY INCLUDES REMOVAL OF THE REED/IL13 INTERSECTION PVMNT. REMOVE MEDIAN INLET
223 + 43.21 LT TO 250 + 00.00 LT			1255													
223 + 50.00 TO 224 + 08.46		156														
224 + 08.46 TO 250 + 00.00		9214														
225 + 41.11 30.38 LT												1				REMOVE MEDIAN INLET
237 + 16.37 40.66 LT												1				REMOVE MEDIAN INLET
237 + 16.37 42.17 LT TO 237 + 16.37 48.22 LT									6.0							
246 + 95.06 43.66 LT												1				REMOVE MEDIAN INLET
<b>VETERANS PARKWAY</b>																
1 + 10.59 18.51 LT TO 1 + 59.65 17.64 LT						49										
1 + 10.59 20.81 RT TO 1 + 59.65 17.68 RT						49										
<b>REED STA. ROAD</b>																
0 + 45.68 50.72 LT TO 1 + 89.12 31.78 LT							148									
0 + 50.11 TO 1 + 89.12				556												
0 + 62.20 39.40 LT TO 0 + 70.51 53.00 LT							16									
1 + 12.58 34.11 LT TO 1 + 80.26 33.85 LT									67.9							
1 + 89.12 TO 3 + 51.17	972															
<b>TOTALS</b>	972	22164	7528	7085	1578	489	16	32	68	31	163	5	2	3	212	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (REMOVAL)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	23
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





### EARTHWORK SCHEDULE

LOCATION STATION TO STATION	EARTH EXCAVATION  (CU YD)	EARTH EXCAVATION TO BE USED IN EMBANKMENT (CU YD)	EMBANKMENT  (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
IL13WB				
194+00.00 TO 252+35.00	17407	14274	8657	5617
IL13EB				
215+00.00 TO 251+50.00	2672	2191	2270	-78
MULTI-USE PATH				
0+00.00 TO 26+50.00	618	507	1645	-1138
VET NW RADIUS				
0+00.00 TO 1+52.96	135	111	40	71
VET NE RADIUS				
0+53.77 TO 1+65.73	62	51	4	47
REED NW RADIUS				
0+00.00 TO 1+89.00	326	267	39	228
REED STA RD				
0+63.00 TO 1+89.12	120	98	0	98
TOTALS	21341			

18% SHRINKAGE FACTOR FOR EARTH EXCAVATION.

### LONGITUDINAL JOINT SEALANT

LOCATION STATION TO STATION	LENGTH  (FOOT)	LONGITUDINAL JOINT SEALANT				COMMENT
		LEFT (FOOT)	LEFT (FOOT)	CENTER LINE (FOOT)	RIGHT (FOOT)	
IL13WB						
194 + 73.60 TO 220 + 50.08	2576			2576		UNDER SUFACE LIFT
226 + 55.93 TO 250 + 00.00	2344			2344		UNDER SUFACE LIFT
194 + 73.60 TO 200 + 47.64	574		574			UNDER SUFACE LIFT
200 + 47.64 TO 220 + 50.08	2002		4005			UNDER SURFACE LIFT AND UNDER TOP BINDER LIFT
228 + 78.95 TO 250 + 00.00	2121		4242			UNDER SURFACE LIFT AND UNDER TOP BINDER LIFT
194 + 73.60 TO 220 + 50.08	2576	5153				UNDER SURFACE LIFT AND UNDER TOP BINDER LIFT
IL13EB						
223 + 50.00 TO 250 + 00.00	2650			2650		UNDER SUFACE LIFT
223 + 50.00 TO 250 + 00.00	2650		5300			UNDER SURFACE LIFT AND UNDER TOP BINDER LIFT
REED STA. ROAD NORTH						
1 + 89.12 TO 3 + 51.17	162		162	162	162	UNDER SUFACE LIFT
SUBTOTALS		5153	14283	7733	162	
TOTALS				27331		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (EARTHWORK, LONGITUDINAL JOINT SEALANT)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	25
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		

### SEEDING & EROSION CONTROL

LOCATION STATION TO STATION	SEEDING CLASS 1B (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	MULCH METHOD 2 (ACRE)	EROSION CONTROL BLANKET (SQ YD)	SEEDING CLASS 7 (ACRE)	INLET & PIPE PROTECTION (EACH)	PERIMETER EROSION BARRIER (FOOT)	TEMPORARY EROSION CONTROL SEEDING (POUND)	COMMENTS
IL13WB												
194+52 LT TO 201+72 LT										733		
194+52 LT TO 204+28 LT	0.50	91	91	91	1.0	1.01		0.50				
205+32 LT TO 222+38 LT							772					
195+90 RT TO 215+52 RT										1980		
195+91 RT TO 217+86 RT	0.52	94	94	94	1.0	1.04		0.52				
197+50, 36.0 RT									1			
203+55 LT TO 1+65 LT(VET PRKWAY)										123		
224+03 LT TO 250+00 LT							1142					
204+64 LT TO 222+49 LT	1.46	263	263	263	2.9	2.92		1.46				
205+27, 73.0 LT									1			
223+78 LT TO 250+21 LT	2.41	434	434	434	4.8	4.82		2.41				
236+74 LT TO 237+16 LT										43		
237+27 LT TO 237+75										49		
239+00 LT TO 240+45 LT										146		
240+59 LT TO 241+44 LT										85		
CONST. STAGE 1											216	
CONST. STAGE 2											1009	
CONST. STAGE 3											1191	
CONST. STAGE 4											43	
IL13EB												
223+41 LT TO 252+44 LT	2.08	374	374	374	4.2	4.15		2.08				
224+09, 38.0 LT									1			
215+79 LT TO 217+53 LT							77					
225+41, 39.0 LT									1			
226+58 LT TO 250+00 LT							1017					
227+00, 41.0 LT									1			
237+16, 47.0 LT									1			
246+95, 50.0 LT									1			
CONST. STAGE 1											865	
CONST. STAGE 7											13	
MULTI-USE PATH												
0+00 LT TO 26+08 LT	0.77	139	139	139	1.5	1.54		0.77				
0+00 RT TO 26+08 RT	0.28	51	51	51	0.6	0.57		0.28				
0+11, 20.0 LT												
0+39, 28.0 LT												
0+74 LT TO 17+70 LT										1784		
18+10 LT TO 21+28 LT							125					
7+00, 3.0 RT												
14+75 RT TO 16+04 RT										130		
16+10, 8.0 RT												
16+17 RT TO 17+00 RT										82		
18+98, 22.5 LT												
19+87, 21.6 LT												
21+50 LT TO 26+00 LT										450		
<b>TOTALS</b>	<b>8.03</b>	<b>1445</b>	<b>1445</b>	<b>1445</b>	<b>16.1</b>	<b>16.06</b>	<b>3134</b>	<b>8.03</b>	<b>7</b>	<b>5605</b>	<b>3336</b>	

NITROGEN, PHOSPHORUS, & POTASSIUM FERTILIZER NUTRIENTS SHALL BE APPLIED AT 90 LB/ACRE FOR BOTH CLASS 1B & CLASS 7 SEEDING.

### TEMP. DITCH CHECKS

LOCATION STATION TO STATION	TEMPORARY DITCH CHECKS (FOOT)
IL13WB	
201+98 LT	12
206+33 LT	12
207+76 LT	12
209+50 LT	12
211+28 LT	12
213+03 LT	12
215+95 LT	12
216+79 LT	12
217+61 LT	12
218+42 LT	12
219+23 LT	12
224+26 LT	18
225+90 LT	18
227+60 LT	18
230+35 LT	18
233+09 LT	18
236+11 LT	18
236+75 LT	18
237+21 LT	18
237+74 LT	18
238+57 LT	18
241+44 LT	12
241+83 LT	12
242+22 LT	12
242+61 LT	12
243+00 LT	12
243+48 LT	18
244+73 LT	18
246+10 LT	18
247+32 LT	18
248+08 LT	18
248+84 LT	18
249+37 LT	18
IL13EB	
215+15 LT	18
216+11 LT	18
216+93 LT	18
224+71 LT	12
229+50 LT	20
232+29 LT	20
234+79 LT	20
240+00 LT	20
243+05 LT	20
245+00 LT	20
246+03 LT	20
248+45 LT	20
MULTI-USE PATH	
19+12 LT	12
19+65 LT	14
REED NW	
2+00 RT	18
<b>TOTALS</b>	<b>768</b>

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PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (SEEDING AND EROSION CONTROL)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	26
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

**DRAINAGE (CURB & GUTTER, INLETS, & BOX CULVERTS)**

LOCATION STATION TO STATION	COMB. CONC. C&G TYPE M-6.06	COMB. CONC. C&G TYPE M-6.24	COMB. CONC. C&G TYPE B-6.18	COMB. CONC. C&G TYPE B-6.24	CONC. MEDIAN SURFACE 4"	CONC. HEAD WALL 36"	INLET SPECIAL	INLET SPECIAL NO. 1	INLET TYPE A TYPE 8 GRATE	INLET TYPE B, TYPE 6 FRAME AND GRATE	FLUSH INLET BOX FOR MEDIAN STANDARD 542546	INLET BOX TYPE 24G	CONC. COLLAR	PROT. COAT	CONC. BOX CULVERT	REINF. BARS	EXPAN. BOLTS 3/4" INCH	STONE DUMPED RIPRAP CLASS A4	STONE RIPRAP CLASS A4	FILTER FABRIC	POROUS GRAN. EMBANK.	ROCK- FILL FOUND.	COMMENTS
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(CU YD)	(SQ YD)	(CU YD)	(POUNDS)	(EACH)	(TONS)	(SQ YD)	(SQ YD)	(TON)	(TON)	
IL13WB																							
201+72.00, 83.0 LT TO 203+62.00, 92.0 LT					2802														205	205			
203+46.27, 32.82 LT TO 0+89.29, 5.53 LT (VET) TO 204+65.29, 34.34 LT																							
203+47.09, 34.94 LT TO 204+65.87, 35.98 LT		127												36									
215+44.28, 53.71 LT						1																	
217+86.22, 17.50 RT TO 221+46.27, 17.50 RT	360													43									
220+50.08, 54.28 LT TO 1+89.12 32.00 LT (REED)				241										69									
221+13.54, 33.09 LT TO 1+16.74, 23.60 LT (REED) TO 222+20.43, 32.57 LT					1971																		VETERANS PARKWAY ISLAND
221+14.79, 35.18 LT TO 1+16.69, 25.58 LT (REED)	128													15									
221+14.79, 35.18 LT TO 222+20.83, 32.05 LT		113												32									
221+98.44, 84.40 LT							1																5'X3' INSIDE
240+79.29, LT															15.7	2780	16	7			130	8	4'X5' BOX CULVERT
IL13EB																							
217+54.11, 40.01 LT TO 221+49.26, 56.51 LT		379												109									QUANT. CROSSES STA. EQ. 218+79.63(BK)=219+15.63(AH)
217+54.11, 47.00 LT TO 221+56.41, 51.72 LT					2237																		QUANT. CROSSES STA. EQ. 218+79.63(BK)=219+15.63(AH)
218+02.23, 43.74 LT									1														WITH FLAT TOP SLAB STANDARD 602601
219+75.00, 52.80 LT								1															
221+00.00, 53.12 LT								1															
225+41.13, 39.00 LT											1												
227+00.00, 41.00 LT											1												
237+16.37, 46.56 LT												1	0.44										
246+95.06, 50.18 LT																							
MULTI-USE PATH																							
7+00.00, 3.50 RT									1														
18+97.98, 22.32 LT											1												
19+37.89																							
19+87.00, 21.70 LT															23.2	4120	16		13	13	146		4'X5' BOX CULVERT
VETERANS																							
0+34.94, 98.61 LT TO 0+89.93, 5.35 LT	110													13									
0+89.93, 5.35 LT TO 0+35.98, 20.17 RT	60													7									
1+15.36, 22.40 RT TO 1+59.65, 17.50 RT			45											10									
1+17.70, 27.32 LT TO 1+59.65, 17.50 LT			43											10									
REED																							
0+65.63, 20.92 LT TO 1+16.69, 25.58 LT (REED)		55												16									
1+77.66, 32.58 LT							1						0.29										5'X2.5' INSIDE
TOTALS	658	673	88	241	7010	1	2	2	1	1	5	1	0.73	362	38.9	6900	32	7	218	218	276	8	

-ITEMS OF WORK LOCATED IN THE MEDIAN ARE SCHEDULED ACCORDING TO THE IL13EB CENTERLINE.  
 -INLET SPECIAL STA/OFFSET SCHEDULED AT FRONT AND CENTER OF INLET(FACE OF CURB), ALL OTHER INLETS STA/OFFSET AT CENTER OF INLET.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (DRAINAGE: CURB & GUTTER, INLETS, & BOX CULVERTS)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	27
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		

**DRAINAGE (STORM SEWER AND RCCP)**

LOCATION STATION TO STATION	STORM SEWER CLASS A TYPE 1 15"	STORM SEWER CLASS A TYPE 1 18"	STORM SEWER CLASS A TYPE 1 24"	PIPE CULVERTS CLASS A TYPE 1 12"	PIPE CULVERTS CLASS A TYPE 1 24"	PIPE CULVERTS CLASS A TYPE 1 30"	PIPE CULVERTS CLASS A TYPE 1 36"	PIPE CULVERTS CLASS A TYPE 1 60"	PIPE CULVERTS CLASS A TYPE 1 EQUIV. ROUND SIZE 24"	PRECAST REINF. CONC. FLARED END SECTION 12"	PRECAST REINF. CONC. FLARED END SECTION 24"	PRECAST REINF. CONC. FLARED END SECTION 30"	PRECAST REINF. CONC. FLARED END SECTION 60"	PRECAST REINF. CONC. FLARED END SECTION EQUIV. ROUND SIZE 24" (EACH)	CAST IN PLACE REIN. CONC. END SECTION 36" (EACH)	CONCRETE COLLAR  (CU YD)	CONCRETE COLLAR SPECIAL  (CU YD)	TRENCH BACKFILL  (CU YD)	COMMENTS
IL13WB																			
203+48.64, 95.54 LT													1						
203+56.83, 94.50 LT TO 205+17.47, 73.98 LT								162										72.3	
205+25.66, 72.94 LT													1						
215+44.28, 53.71 LT															1				
215+44.28, 53.71 LT TO 215+57.06, 40.82 LT								18								0.66		1.1	STANDARD 542001-06
220+50.00, 65.68 LT											1								
220+56.05, 66.43 LT TO 221+95.25, 84.45 LT			141																
221+13.54, 33.09 LT TO 1+16.74, 23.60 LT (REED) TO 222+20.43, 32.57 LT																			
221+98.15, 84.76 LT TO 222+23.50, 77.64 LT			26													0.44		4.9	
237+20.86, 40.84 LT TO 237+20.86, 68.03 LT					27											0.44			
237+20.86, 74.15 LT										1									
IL13EB																			
218+02.23, 38.91 LT TO 218+02.23, 42.03 LT		3														0.32		0.5	
218+03.32, 43.26 LT TO 219+72.51, 52.80 LT		134																	
219+77.49, 52.80 LT TO 220+97.51, 53.11 LT		120																	
225+41.13, 28.51 LT TO 225+41.13, 37.50 LT					9											0.44		0.7	
225+42.63, 39.02 LT TO 226+98.50, 41.00 LT					156														
246+95.06, 41.88 LT TO 246+95.06, 48.68 LT					7											0.44			
MULTI-USE PATH																			
0+15.96, 14.64 RT												1							
0+17.08, 8.66 RT TO 0+29.67, 20.54 LT						31													
0+35.66, 25.79 LT												1							
7+00.00, 2.75 RT TO 7+00.00, 35.76 LT				39														2.5	
7+00.00, 41.83 LT										1									
16+10.00, 1.76 RT TO 16+10.00, 13.89 LT									16										
16+10.00, 19.96 LT														1					
16+10.00, 7.83 RT														1					
18+98.96, 23.44 LT TO 19+14.42, 41.33 LT					24														
19+14.09, 40.95 LT																	0.33		ATTACH TO EXISTNG 4'X5' BOX CULVERT
19+31.41, 21.60 LT TO 19+85.53, 21.67 LT					55														
REED STA. ROAD																			
1+12.36, 57.85 LT TO 1+75.31, 34.54 LT	67																	2.1	
TOTALS	67	257	168	39	278	31	18	162	16	1	2	2	2	2	1	2.74	0.33	84	

-ITEMS OF WORK LOCATED IN THE MEDIAN ARE SCHEDULED ACCORDING TO THE IL13EB CENTERLINE.

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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (DRAINAGE: STORM SEWER AND RCCP)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	28
CONTRACT NO. 78709			ILLINOIS FED. AID PROJECT	

### PAVEMENT MARKING (HMA)

LOCATION STATION TO STATION	LENGTH  (FEET)	THERMOPLASTIC PAVEMENT MARKING															GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING LET & SYM	COMMENTS			
		LINE 4" (FOOT)																					
		LEFT OF C.L.										CENTER LINE		RIGHT OF C.L.							LINE 12"  (FOOT)	LETTERS & SYMBOLS  (SQ FT)	
		E.O.P. (LT)		24.0 LT	23.0 LT	VAR LT	18.0 LT	14.0 LT	12.0 LT SKIP DASH	11.0 LT SKIP DASH	2.0 LT	DOUBLE SOLID YELLOW	SKIP DASH WHITE	10.0 RT DOUBLE SOLID YELLOW	E.O.P. (RT)								WHITE (FOOT)
SOLID YELLOW	WHITE	SOLID YELLOW	WHITE	SOLID WHITE	SOLID WHITE	SOLID WHITE	DASH WHITE	DASH WHITE	SOLID WHITE	SOLID YELLOW	SKIP DASH WHITE	SOLID YELLOW	SOLID YELLOW	WHITE	WHITE (FOOT)								
IL13WB																							
194 + 73.60	TO	220 + 50.08	2576														2576						
194 + 73.60	TO	220 + 50.08	2576														644						
194 + 73.60	TO	220 + 50.08	2576														644						
194 + 73.60	TO	196 + 50.0	176																	SKIP DASH			
194 + 73.60	TO	202 + 83.32	810														810						
196 + 50.00	TO	205 + 05.76	856														856			SOLID			
198 + 13.01	TO	202 + 83.64	471														471			23.0 LT TO 31.32 LT			
199 + 99.50	LT																			THOURH ARROW (6')			
200 + 06.50	LT																			BIKE SYMBOL (6')			
205 + 37.70	TO	220 + 50.08	1512														1512						
205 + 50.08	TO	216 + 44.53	1094														274			SKIP DASH			
206 + 87.50	LT																			RIGHT TURN ARROW			
207 + 44.50	LT																			ONLY			
216 + 44.53	TO	220 + 50.08	406														406			SOLID			
217 + 98.84	TO	220 + 50.08	251														251			23.0 LT TO 32.86 LT			
226 + 55.93	TO	250 + 00.00	2344														2344						
228 + 78.95	TO	250 + 00.00	2121														2121						
228 + 95.93	TO	250 + 00.00	2104														2104						
218+47.96 LT TO 222+50.08 LT																							
199+80.08 LT TO 1+04.06 RT (VET) TO 204+77.54 LT																							
IL13EB																							
223 + 43.21	TO	244 + 00.00	2057	2057													2057						
244 + 00.00	TO	250 + 00.00	600	600													600			LINE TAPERS FROM 24.0 LT TO 12.0 LT			
223 + 50.00	TO	250 + 00.00	2650																				
244 + 63.00	TO	249 + 77.00																					
241 + 00.00	LT																						
244 + 00.00	LT																						
224 + 08.46	TO	250 + 00.00	2592														2592						
VETERANS																							
1 + 17.25	TO	1 + 59.65	42																				
VETERANS NW RADIUS																							
0 + 00.00	TO	2 + 08.76	209																				
0 + 36.76	TO	2 + 08.76	172																				
VETERANS NE RADIUS																							
0 + 00.00	TO	1 + 65.73	166																				
0 + 26.00	TO	1 + 26.26	100																				
REED																							
1 + 89.12	TO	3 + 51.17	162																				
1 + 89.12	TO	3 + 51.17	162																				
1 + 89.12	TO	3 + 51.17	162																				
1 + 89.12	TO	3 + 36.48	147																				
2 + 69.00	LT																						
2 + 81.00	RT																						
2 + 83.50	RT																						
3 + 25.50	LT																						
3 + 33.50	LT																						
3 + 37.50	RT																						
3 + 37.50	RT																						
3 + 40.50	LT																						
SUBTOTALS			2657	4591	600	1579	722	434	162	514	1230	162	85	1893	324	4681	2966						
TOTALS			22599															401	266.6	22599	401	183.6	

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PLOT DATE = 3/17/2020	DATE -	REVISED -

#### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES (PAVEMENT MARKING HMA)				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	29
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING (PCC)

LOCATION STATION TO STATION	LENGTH (FEET)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID										POLYUREA PAVEMENT MARKING TYPE I	MODIFIED URETHANE PAVEMENT MARKING	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	GROOVING FOR RECESSED PAVEMENT MARKING LET & SYM	PVMNT MARKING REMOVAL GRINDING	COMMENTS			
		LINE 4" (FOOT)																		LINE 12" WHITE (FOOT)	LTR. & SYMB. (SQ FT)	
		LEFT OF C.L.					CL	RIGHT OF C.L.														
		E.O.P. (LT)		18.0 LT	14.0 LT	2.0 LT		10.0 RT DOUBLE SOLID YELLOW	11.0 RT SOLID WHITE	E.O.P. (RT)												LINE 24" WHITE (FOOT)
SOLID YELLOW	SOLID WHITE	SOLID WHITE	SOLID WHITE	SOLID WHITE	SOLID YELLOW	SOLID WHITE	SOLID YELLOW	SOLID WHITE														
IL13WB																						
220 + 50.08 TO 221 + 42.56	92													92								
222 + 71.78 LT TO 223 + 98.95 LT																			170.7			
222 + 87.00 LT TO 223 + 38.00 LT																						
223 + 05.18 TO 223 + 15.18																						
223 + 17.06 23.0 LT TO 223 + 17.06 11.0 RT																						
223 + 19.05 TO 226 + 55.93	337																					
223 + 30.00 TO 228 + 78.95	549																					
223 + 33.00 LT TO 223 + 70.00 LT	37																					
225 + 47.00 LT																						
226 + 03.50 LT																						
226 + 55.93 TO 228 + 95.93	240																					
220+50.08 LT TO 1+34.82 LT (REED) TO 222+02.49 LT																						
IL13EB																						
215 + 79.11 TO 218 + 79.63	301	301																				
219 + 15.63 TO 221 + 54.12	238	238																				
219 + 22.00 LT																						
219 + 24.00 LT																						
219 + 79.00 LT																						
219 + 81.00 LT																						
221 + 54.12 48.0 LT TO 221 + 54.12 24.0 LT																						
221 + 71.66 24.0 LT TO 221 + 71.66 12.0 LT																						
MULTI-USE TRAIL																						
0 + 0.00 TO 26 + 00.00	2600																					
REED STATION ROAD																						
0 + 57.06 TO 1 + 89.12	132			132																		
0 + 72.79 14.0 LT TO 0 + 72.79 2.0 LT																						
0 + 74.79 TO 1 + 89.12	114				114	114																
0 + 89.61 2.0 LT TO 0 + 89.61 10.0 RT																						
0 + 91.61 TO 1 + 89.12	98																					
1 + 23.50 RT																						
1 + 80.08 RT																						
REED NW RADIUS																						
0 + 00.00 TO 2 + 43.22	243																					
0 + 38.71 TO 2 + 43.22	205			205																		
SUBTOTALS		539	549	337	114	114		195	337	332	243											
TOTALS							2761					223	145.6	94	650	2761	223	94	145.6	170.7		

MODEL: S00 - SCHEDULES  
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USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES (PAVEMENT MARKING PCC)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	30
CONTRACT NO. 78709			ILLINOIS FED. AID PROJECT	

**PAVEMENT MARKING (PCC) CONTINUED**

LOCATION STATION TO STATION	LENGTH  (FEET)	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - CONTRAST - LINE 7"									GROOVING FOR RECESSED PAVEMENT MARKING 8"  (FOOT)	
		LEFT OF C.L.						CENTER LINE	RT. OF C.L.			
		36 LT		24.0 LT	23.0 LT	12.0 LT SKIP DASH WHITE	11.0 LT SKIP DASH WHITE		SKIP DASH WHITE	11.0 RT		12.0 RT
		SOLID WHITE	SKIP DASH WHITE									
<b>IL13WB</b>												
220 + 50.08 TO 222 + 14.15	164						41				41	
220 + 50.08 TO 222 + 17.50	167						42				42	
220 + 50.08 TO 222 + 21.14	171				171						171	
222 + 75.00 TO 222 + 87.00	12				12						12	
223 + 19.05 TO 226 + 55.93	337						84	84	337		505	
223 + 15.00 TO 226 + 38.95	324				324						324	
<b>IL13EB</b>												
217 + 73.28 TO 218 + 79.63	106					27					27	
219 + 15.63 TO 221 + 71.65	256					64					64	
219 + 50.00 TO 221 + 71.65	222						55		222		277	
223 + 17.11 TO 223 + 43.21	26					8					8	
223 + 17.11 TO 223 + 50.00	33						8				8	
219 + 15.63 TO 221 + 71.65	256				256						256	
219 + 15.63 TO 221 + 54.12	238	238									238	
221+56.11, 36.0 LT TO 222+62.87, 23.0 LT (IL13WB)			54								54	
221 + 71.66 24.0 LT TO 221 + 71.66 12.0 LT												
SUBTOTALS		238	54	256	507	99	126	189	337	222		
TOTALS							2028				2028	

**TRAFFIC SIGNALS**

LOCATION STATION TO STATION	HANDHOLE	TRAFFIC SIGNAL POST 16 FT	SIGNAL HEAD POLYCARBONATE, LED, 1-FACE, 3-SECTION BRACKET MOUNTED	CONCRETE FOUNDATION TYPE A	STEEL COMB. MAST ARM ASSEMBLY AND POLE 48 FT	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	SIGNAL HEAD POLYCARBONATE, LED, 1-FACE, 3-SECTION MAST ARM MOUNTED	CONCRETE FOUNDATION TYPE E 36" DIA.	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	PEDESTRIAN PUSH BUTTON POST, GALVANIZED STEEL TYPE I	BICYCLE INDICATOR	COMMENTS
	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	
<b>IL13WB</b>													
221+35.38, 31.58 RT													
221+36.34, 20.72 RT	1												
221+44.44, 20.70 RT		1	1	3					1				
221+54.17, 30.15 RT													
221+82.53, 27.04 LT													
221+85.95, 41.18 LT			1		1	1	3	13	4				
222+01.69, 43.40 LT													
222+01.87, 50.15 LT	1												
222+19.66, 41.97 LT											1	1	
(IL13 / REED STA. RD.) INTERSECTION									7				INSTALL ON EXISTING SIGNAL HEADS
(IL13 / REED STA. RD.) NW QUADRANT										1			
<b>TOTALS</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>1</b>	

- SEE PROPOSED TRAFFIC SIGNAL SHEET FOR CONDUIT AND WIRE LENGTHS

MODEL 500 - SCHEDULES  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (PAVMENT MARKING PCC CONT, TRAFFIC SIGNALS)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	31
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		

## STAGING PAVEMENT MARKING

	LOCATION STATION TO STATION	LENGTH (FEET)	WET REFLECTIVE TYPE III TEMPORARY TAPE 4"					PVMNT MARKING REMOVAL GRINDING (SQ FT)	COMMENTS	
			LEFT			STAGING CENTER LINE SOLID + (FOOT)	RIGHT			
			SOLID (FOOT)	SOLID (FOOT)	SOLID (FOOT)		SOLID (FOOT)			SOLID (FOOT)
IL13WB	STAGE 1									
	192 + 17 TO 258 + 35	6618				6618		4963	REMOVE THE EXISTING PAVEMENT MARKINGS	
	192 + 17 TO 225 + 00	3283					3283			
	192 + 17 TO 201 + 41	924			924					
	202 + 35 TO 221 + 87	1952			1952					
	222 + 05 TO 222 + 19	14			14					
	222 + 61 TO 226 + 00	339			339					
	223 + 50 TO 258 + 35	3485		3485						
	225 + 17 TO 258 + 35	3318					3318			
	STAGE 2									
	190 + 67 TO 221 + 00	3033				3033	3033			
	190 + 67 TO 221 + 87	3120			3120					
	STAGE 3									
	223 + 21 TO 254 + 33	3112			3112	3112	3112			
	STAGE 4									
	STAGE 5									
	207 + 00 TO 217 + 00	1000	1000						STAGE 3 PAVEMENT MARKING WILL REMAIN IN PLACE AND BE USED DURING STAGE 4 STAGE 4 PAVEMENT MARKING WILL REMAIN IN PLACE AND BE USED DURING STAGE 5 LANE MERGE STRIPE	
	STAGE 6									
	215 + 84 TO 250 + 00	3416			3416				PAVEMENT MARKING TAPERS ACROSS CENTERLINE FOR LANE MERGE AS SHOWN ON THE STAGE 6 PAVEMENT MARKING SHEET	
	215 + 84 TO 226 + 50	1066		1066						
224 + 00 TO 226 + 50	250	250								
+ TO +	0									
STAGE 7										
212 + 83 TO 221 + 67	884			884						
222 + 70 TO 241 + 66	1896					1896				
226 + 50 TO 250 + 00	2350							PAVEMENT MARKING TAPERS ACROSS CENTERLINE FOR LANE MERGE AS SHOWN ON THE STAGE 7 PAVEMENT MARKING SHEET		
STAGE 8										
192 + 17 TO 258 + 35	6618							STAGE 7 PAVEMENT MARKING WILL REMAIN IN PLACE AND BE USED DURING STAGE 5		
IL13EB	STAGE 1									
	218 + 00 TO 218 + 79.63	80			80	80			STA. EQ. 218+79.63(BK)=219+15.63(AH)	
	219 + 15.63 TO 221 + 66	250			250	250				
	218 + 00 TO 218 + 79.63	80				80	60		REMOVE THE EXISTING PAVEMENT MARKINGS, STA. EQ. 218+79.63(BK)=219+15.63(AH)	
	219 + 15.63 TO 221 + 82	266				266	200		REMOVE THE EXISTING PAVEMENT MARKINGS	
	219 + 17 TO 221 + 26	209					209			
	218 + 00 TO 218 + 79.63	80							STA. EQ. 218+79.63(BK)=219+15.63(AH)	
	219 + 15.63 TO 255 + 50	3634								
	222 + 36 TO 222 + 72	36					36			
	223 + 18 TO 255 + 50	3232			3232		3232	2424	REMOVE THE EXISTING PAVEMENT MARKINGS	
	223 + 43 TO 255 + 50	3207				3207				
	STAGE 7									
	214 + 50 TO 218 + 79.63	430			430	430				
	219 + 15.63 TO 221 + 55	239			239	239				
	218 + 26 TO 218 + 79.63	54				54			STA. EQ. 218+79.63(BK)=219+15.63(AH)	
	219 + 15.63 TO 221 + 55	239					239			
	222 + 35 TO 225 + 50	315					315			
	222 + 35 TO 222 + 74	39					39			
	222 + 73 TO 225 + 50	277			277					
	223 + 18 TO 225 + 50	232					232			
STAGE 8										
214 + 50 TO 218 + 79.63	430			430	430			STA. EQ. 218+79.63(BK)=219+15.63(AH)		
219 + 15.63 TO 225 + 50	634			634	634					
218 + 26 TO 218 + 79.63	54				54			STA. EQ. 218+79.63(BK)=219+15.63(AH)		
219 + 15.63 TO 222 + 74	358					358				
223 + 18 TO 225 + 50	232					232				
214 + 50 TO 255 + 50	4100									
REED N.	STAGE 4									
	0 + 42.8 TO 3 + 45	302		302				403	REMOVE THE EXISTING PAVEMENT MARKINGS	
	0 + 46.4 TO 3 + 10	264			264					
	0 + 50 TO 3 + 10	260				260				
	0 + 53.7 TO 3 + 10	256					256			
STAGE 5										
2 + 53 TO 3 + 10	57									
REED S.	STAGE 5									
	2 + 00 TO 2 + 94	94			94	94				
	+ TO +	0								
	1 + 19 TO 1 + 65	46			46					
	+ TO +	0								
STAGE 7										
1 + 19 TO 1 + 65	46									
STAGE 8										
1 + 19 TO 1 + 65	46			46						
SUBTOTALS			1250	4853	19783	18702	17824	2105		
TOTALS						64517		8049		

- PAVEMENT MARKINGS SHOWN AS BEING USED ON OTHER STAGES MAY REQUIRE ADJUSTMENTS TO LANE TAPERS AS DIRECTED BY THE ENGINEER. (SEESTAGING TYPICALS)

MODEL: SDO\_SCHEDULES  
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES (STAGING PAVEMENT MARKING)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	32
CONTRACT NO. 78709				
		ILLINOIS	FED. AID PROJECT	





MODEL: CURVE DATA  
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**IL13WB**

EXIST. CURVE 13WB\_1\_5  
 PI STA. = 158+67.93  
 $\Delta = 22^\circ 26' 32''$  (RT)  
 $D = 1^\circ 29' 54''$   
 $R = 3,823.93'$   
 $T = 758.62'$   
 $L = 1,497.79'$   
 $E = 74.52'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 151+09.31  
 P.T. STA. = 166+07.10

EXIST. CURVE 13WB\_1\_8  
 PI STA. = 246+18.31  
 $\Delta = 17^\circ 17' 13''$  (RT)  
 $D = 0^\circ 19' 59''$   
 $R = 17,196.23'$   
 $T = 2,614.02'$   
 $L = 5,188.32'$   
 $E = 197.55'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 220+04.29  
 P.T. STA. = 271+92.61

**IL13EB**

EXIST. CURVE 13EB\_1\_5  
 PI STA. = 158+23.81  
 $\Delta = 22^\circ 27' 48''$  (RT)  
 $D = 1^\circ 10' 04''$   
 $R = 4,906.95'$   
 $T = 974.42'$   
 $L = 1,923.82'$   
 $E = 95.81'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 148+49.39  
 P.T. STA. = 167+73.20

EXIST. CURVE 13EB\_1\_8  
 PI STA. = 245+25.56  
 $\Delta = 17^\circ 17' 13''$  (RT)  
 $D = 0^\circ 20' 01''$   
 $R = 17,169.30'$   
 $T = 2,609.93'$   
 $L = 5,180.20'$   
 $E = 197.24'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 219+15.63  
 P.T. STA. = 270+95.83

**SWEETS DR.**

EXIST. CURVE SWEETS\_DR\_7  
 PI STA. = 48+02.85  
 $\Delta = 17^\circ 31' 09''$  (RT)  
 $D = 8^\circ 51' 34''$   
 $R = 646.71'$   
 $T = 99.65'$   
 $L = 197.74'$   
 $E = 7.63'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 47+03.20  
 P.T. STA. = 49+00.94

**VET NW RADIUS**

EXIST. CURVE VET\_RAD\_NW\_1  
 PI STA. = 0+68.18  
 $\Delta = 68^\circ 34' 19''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 68.18'$   
 $L = 119.68'$   
 $E = 21.03'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+00.00  
 P.T. STA. = 1+19.68

EXIST. CURVE VET\_RAD\_NW\_2  
 PI STA. = 1+64.70  
 $\Delta = 20^\circ 24' 54''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 45.02'$   
 $L = 89.08'$   
 $E = 4.02'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 1+19.68  
 P.T. STA. = 2+08.76

**VET NE RADIUS**

EXIST. CURVE VET\_RAD\_NE\_2  
 PI STA. = 1+26.43  
 $\Delta = 18^\circ 10' 03''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 39.97'$   
 $L = 79.27'$   
 $E = 3.18'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+86.46  
 P.T. STA. = 1+65.73

EXIST. CURVE VET\_RAD\_NE\_1  
 PI STA. = 0+49.72  
 $\Delta = 70^\circ 46' 13''$  (RT)  
 $D = 81^\circ 51' 04''$   
 $R = 70.00'$   
 $T = 49.72'$   
 $L = 86.46'$   
 $E = 15.86'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+00.00  
 P.T. STA. = 0+86.46

**REED NW RADIUS**

EXIST. CURVE REED\_RAD\_NW\_1  
 PI STA. = 0+98.30  
 $\Delta = 70^\circ 09' 03''$  (RT)  
 $D = 40^\circ 55' 32''$   
 $R = 140.00'$   
 $T = 98.30'$   
 $L = 171.41'$   
 $E = 31.07'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+00.00  
 P.T. STA. = 1+71.41

**BIKEPATH\_H**

PROP. CURVE BIKEPATH\_H\_3  
 PI STA. = 0+32.26  
 $\Delta = 44^\circ 28' 23''$  (LT)  
 $D = 114^\circ 35' 30''$   
 $R = 50.00'$   
 $T = 20.44'$   
 $L = 38.81'$   
 $E = 4.02'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+11.82  
 P.T. STA. = 0+50.63

PROP. CURVE BIKEPATH\_H\_4  
 PI STA. = 6+16.57  
 $\Delta = 3^\circ 48' 27''$  (RT)  
 $D = 0^\circ 20' 11''$   
 $R = 17,026.23'$   
 $T = 565.93'$   
 $L = 1,131.45'$   
 $E = 9.40'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 0+50.63  
 P.T. STA. = 11+82.08

PROP. CURVE BIKEPATH\_H\_5  
 PI STA. = 12+26.53  
 $\Delta = 2^\circ 32' 47''$  (LT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 44.45'$   
 $L = 88.88'$   
 $E = 0.49'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 11+82.08  
 P.T. STA. = 12+70.97

PROP. CURVE BIKEPATH\_H\_6  
 PI STA. = 13+27.25  
 $\Delta = 3^\circ 13' 25''$  (RT)  
 $D = 2^\circ 51' 53''$   
 $R = 2,000.00'$   
 $T = 56.28'$   
 $L = 112.53'$   
 $E = 0.79'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 12+70.97  
 P.T. STA. = 13+83.50

PROP. CURVE BIKEPATH\_H\_7  
 PI STA. = 15+56.82  
 $\Delta = 1^\circ 09' 59''$  (RT)  
 $D = 0^\circ 20' 11''$   
 $R = 17,026.23'$   
 $T = 173.33'$   
 $L = 346.64'$   
 $E = 0.88'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 13+83.50  
 P.T. STA. = 17+30.14

PROP. CURVE BIKEPATH\_H\_8  
 PI STA. = 17+63.60  
 $\Delta = 2^\circ 56' 56''$  (LT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 33.46'$   
 $L = 66.91'$   
 $E = 0.43'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 17+30.14  
 P.T. STA. = 17+97.05

PROP. CURVE BIKEPATH\_H\_11  
 PI STA. = 18+84.14  
 $\Delta = 3^\circ 36' 13''$  (RT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 40.90'$   
 $L = 81.77'$   
 $E = 0.64'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 18+43.24  
 P.T. STA. = 19+25.01

PROP. CURVE BIKEPATH\_H\_12  
 PI STA. = 19+34.19  
 $\Delta = 0^\circ 03' 42''$  (RT)  
 $D = 0^\circ 20' 11''$   
 $R = 17,038.07'$   
 $T = 9.18'$   
 $L = 18.37'$   
 $E = 0.00'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 19+25.01  
 P.T. STA. = 19+43.38

PROP. CURVE BIKEPATH\_H\_13  
 PI STA. = 20+06.34  
 $\Delta = 5^\circ 32' 44''$  (RT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 62.96'$   
 $L = 125.83'$   
 $E = 1.52'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 19+43.38  
 P.T. STA. = 20+69.20

PROP. CURVE BIKEPATH\_H\_16  
 PI STA. = 21+39.60  
 $\Delta = 4^\circ 42' 26''$  (LT)  
 $D = 4^\circ 24' 27''$   
 $R = 1,300.00'$   
 $T = 53.43'$   
 $L = 106.81'$   
 $E = 1.10'$   
 $e = \text{---}$   
 T.R. =       
 S.E. RUN =       
 P.C. STA. = 20+86.17  
 P.T. STA. = 21+92.98

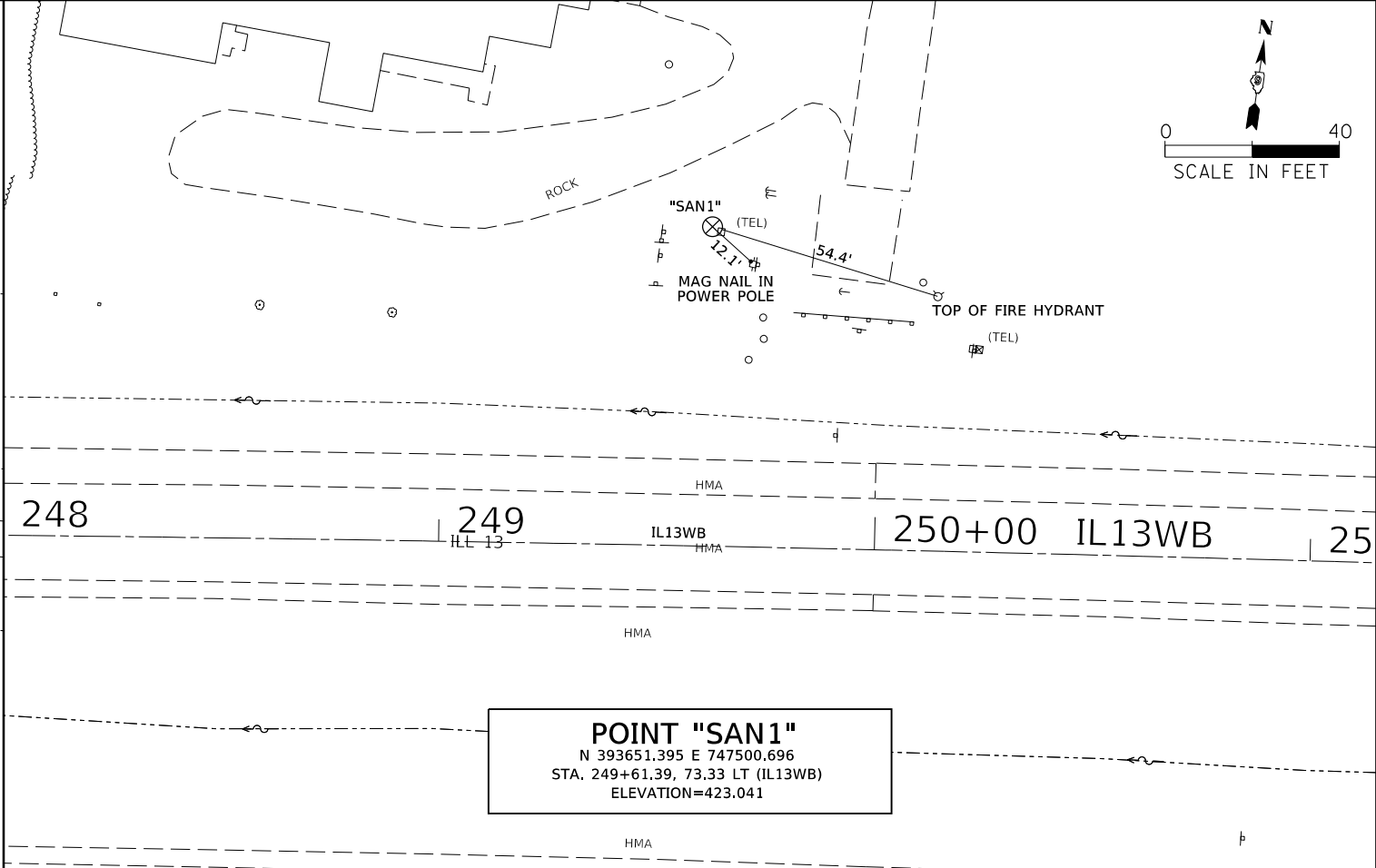
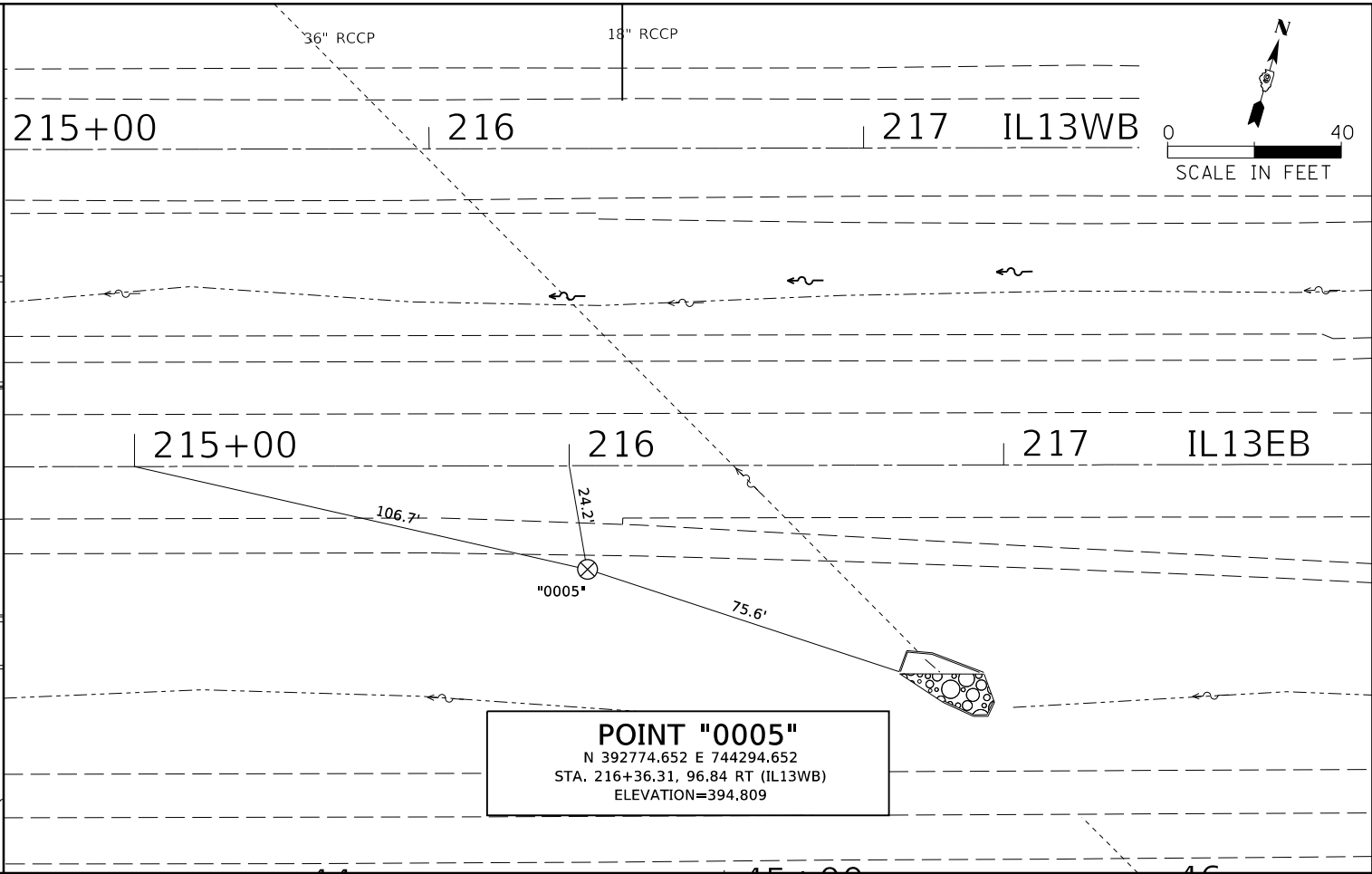
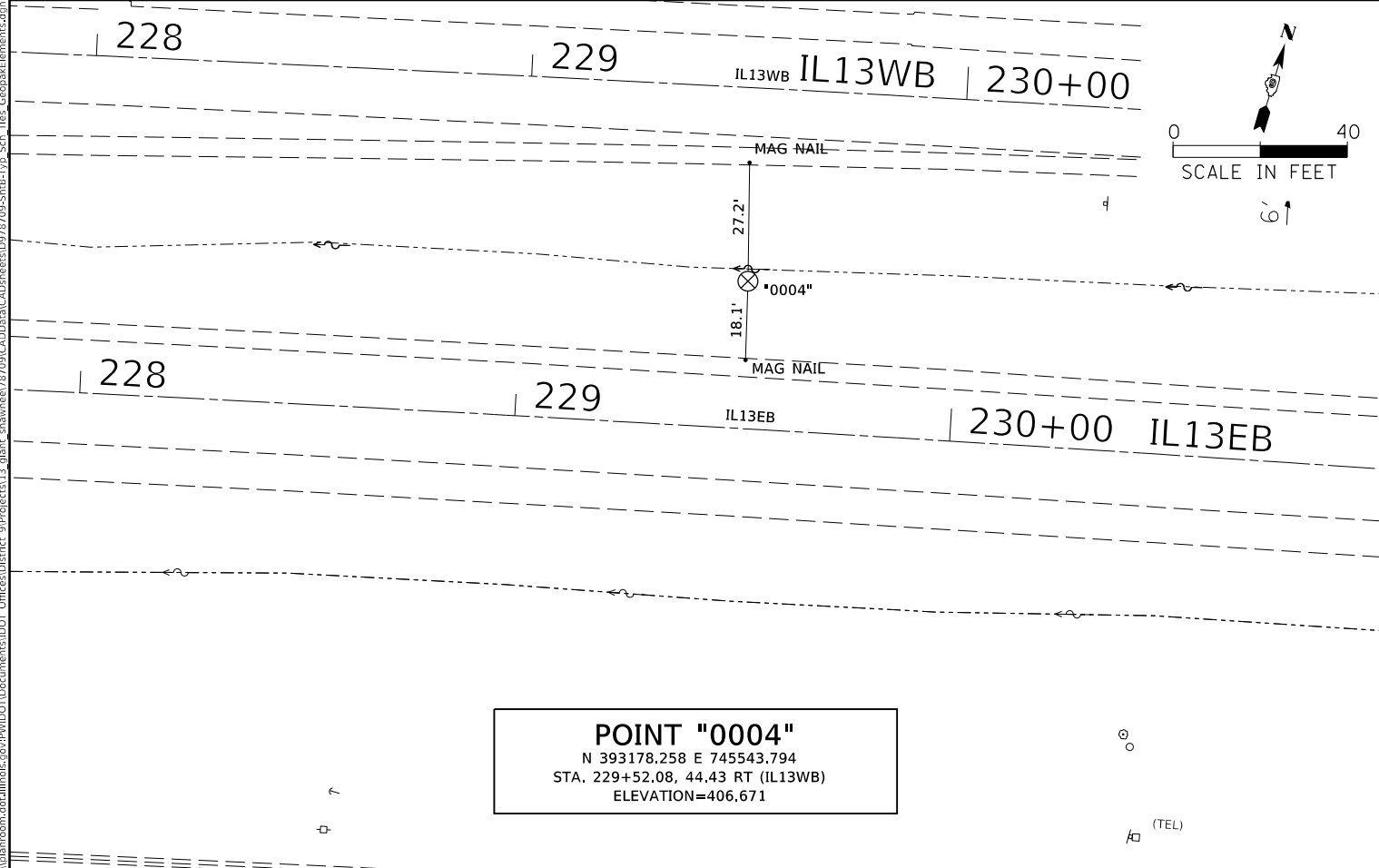
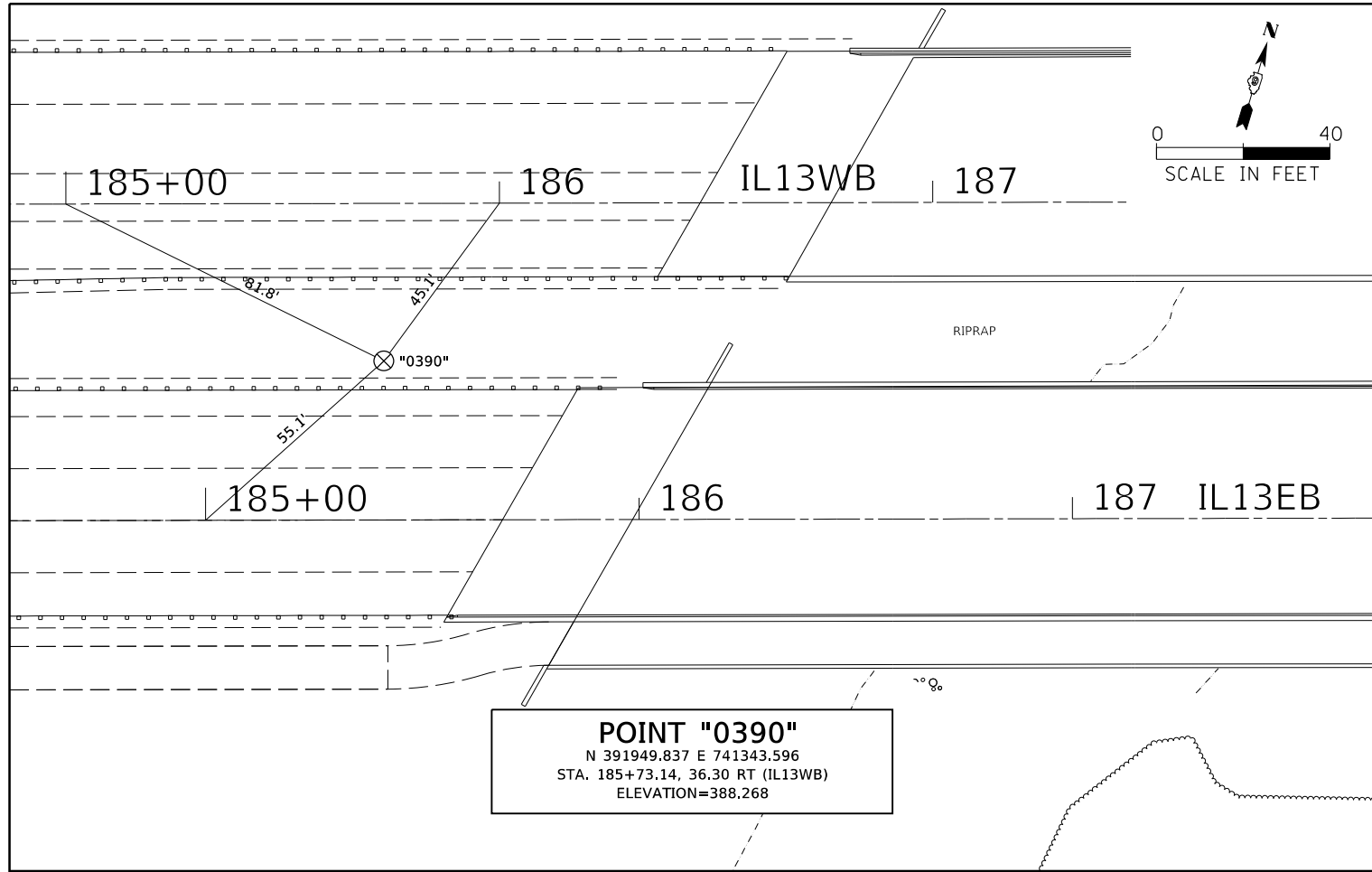
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DRAWN -	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CURVE DATA**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78709	



MODEL TIE POINTS  
FILE NAME: P:\Illinois\DOT\Projects\13\_albert\_chavane\072720\CADD\Drawings\DOT\Office\Drawings\9\Projects\13\_albert\_chavane\072720\CADD\Drawings\DOT\Office\Drawings\9\Projects\13\_albert\_chavane\072720\Sheet\Tie Points\_CorridorElements.dwg

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

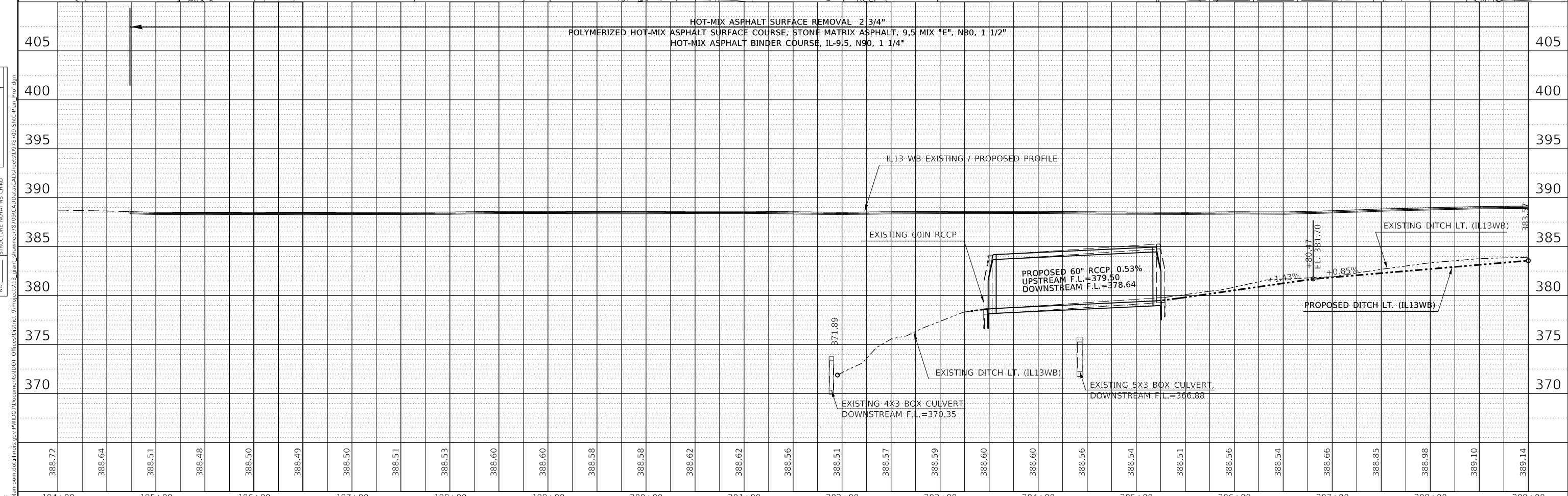
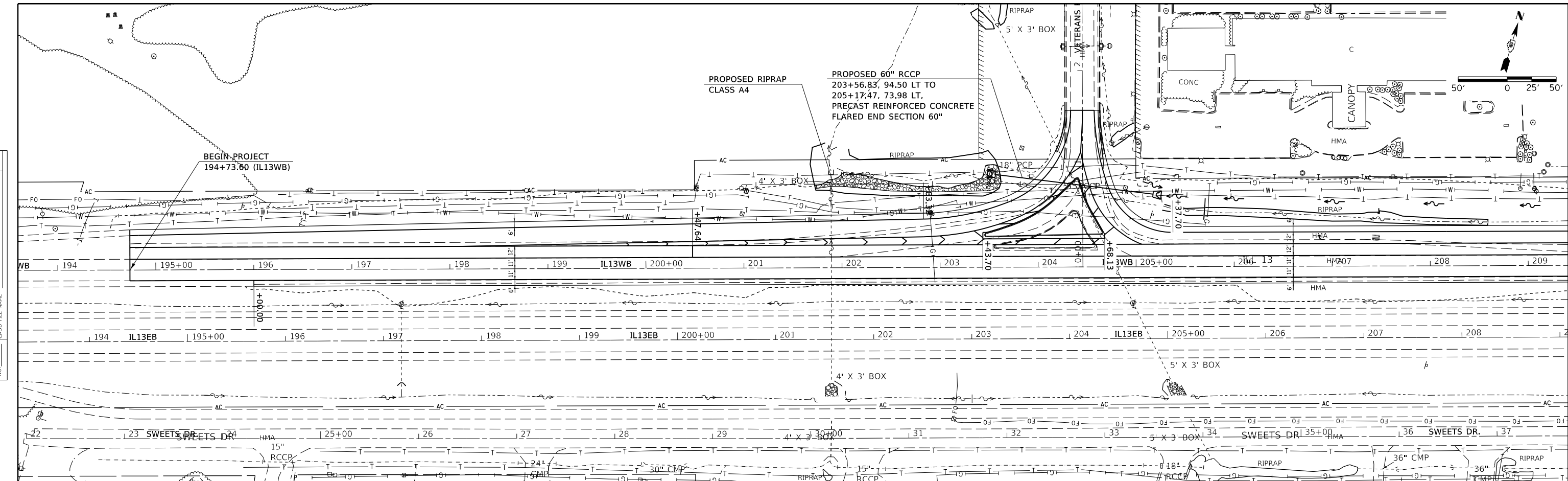
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	35
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

PLAN	NO.
BY	DATE
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATION	
FILE NAME	

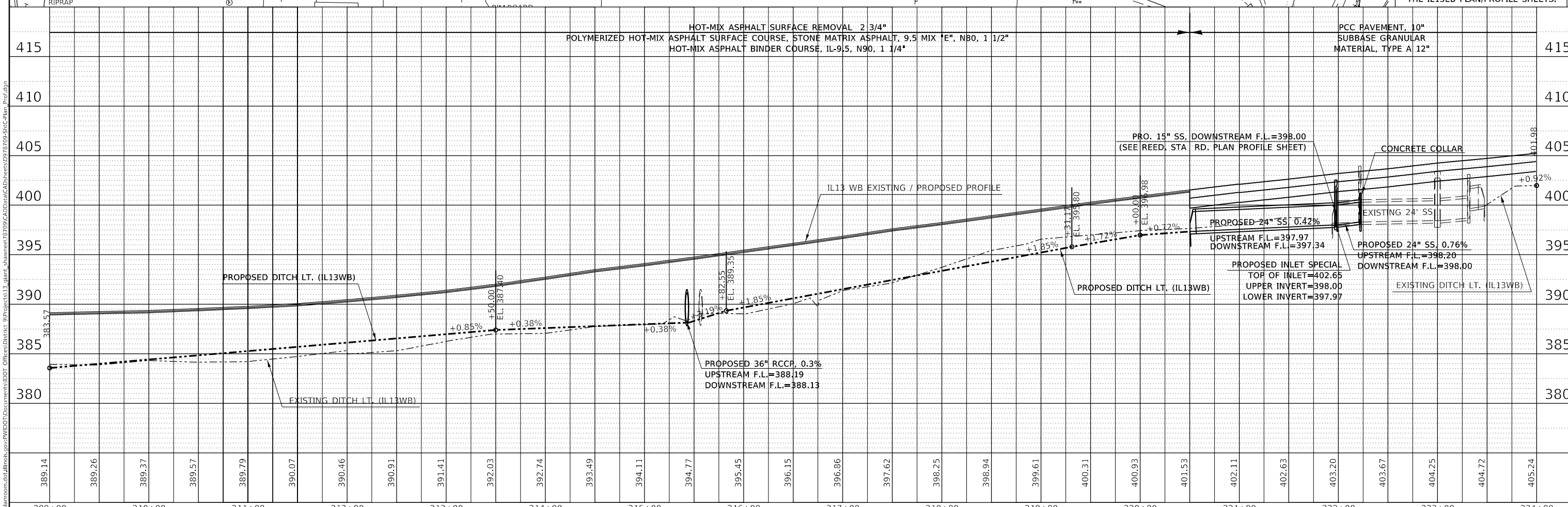
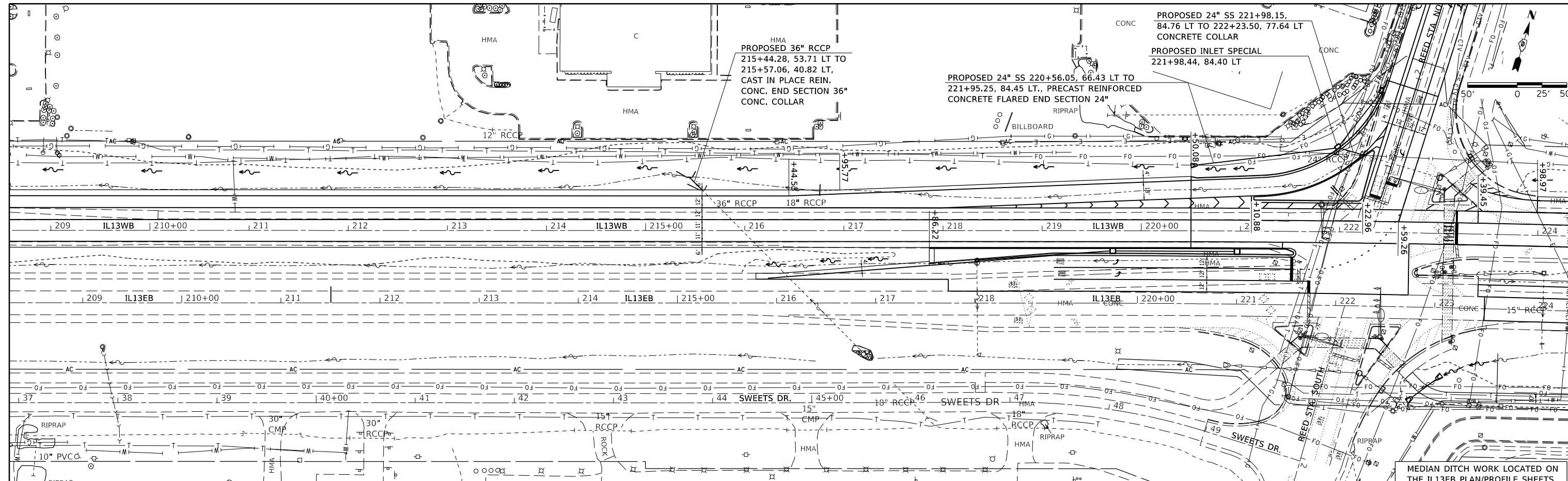
PROFILE	NO.
BY	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
FILE NAME	



388.72	388.64	388.51	388.48	388.50	388.49	388.50	388.51	388.53	388.60	388.60	388.58	388.58	388.62	388.62	388.56	388.51	388.57	388.59	388.60	388.60	388.56	388.54	388.51	388.56	388.54	388.66	388.85	388.98	389.10	389.14								
194+00	195+00	196+00	197+00	198+00	199+00	200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00																							
USER NAME = naasdp				DESIGNED -				REVISED -				<table border="1"> <tr><td colspan="4">STATE OF ILLINOIS</td></tr> <tr><td colspan="4">DEPARTMENT OF TRANSPORTATION</td></tr> <tr><td colspan="4">IL13 WESTBOUND</td></tr> <tr><td colspan="4">SCALE: SHEET OF SHEETS STA. TO STA.</td></tr> </table>											STATE OF ILLINOIS				DEPARTMENT OF TRANSPORTATION				IL13 WESTBOUND				SCALE: SHEET OF SHEETS STA. TO STA.			
STATE OF ILLINOIS																																						
DEPARTMENT OF TRANSPORTATION																																						
IL13 WESTBOUND																																						
SCALE: SHEET OF SHEETS STA. TO STA.																																						
DRAWN -				REVISED -				F.A.P. RTE. 331				SECTION (5-3)R-2,N-2,TS-1				COUNTY JACKSON				TOTAL SHEETS 212				SHEET NO. 36														
PLOT SCALE = 100,0000' / in.				CHECKED -				REVISED -				CONTRACT NO. 78709				ILLINOIS FED. AID PROJECT																						
PLOT DATE = 3/17/2020				DATE -				REVISED -																														

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	FILE NAME

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATION



MODEL: 50 SCALE
FILE NAME: p:\vll\room\da\illinois.gov\p\WIDOT\Documents\DOT - Offices\District 9\projects\13 glant-shawnee\78789\CAD\Drawings\Drawings\978789-sh1c-plan_Profile.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

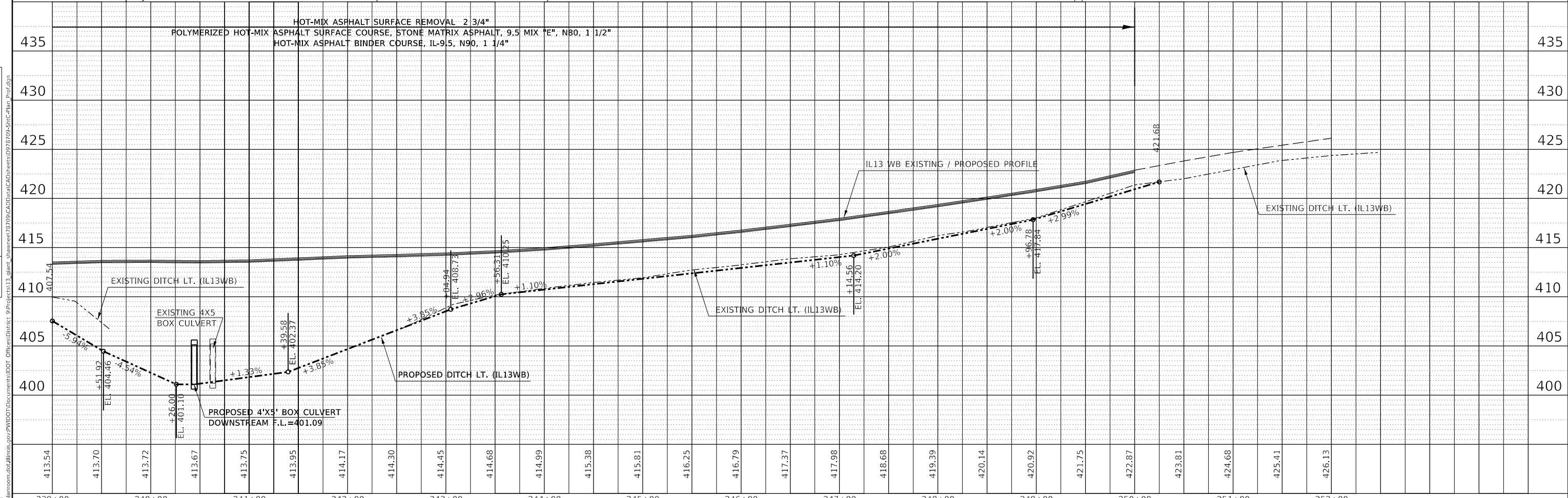
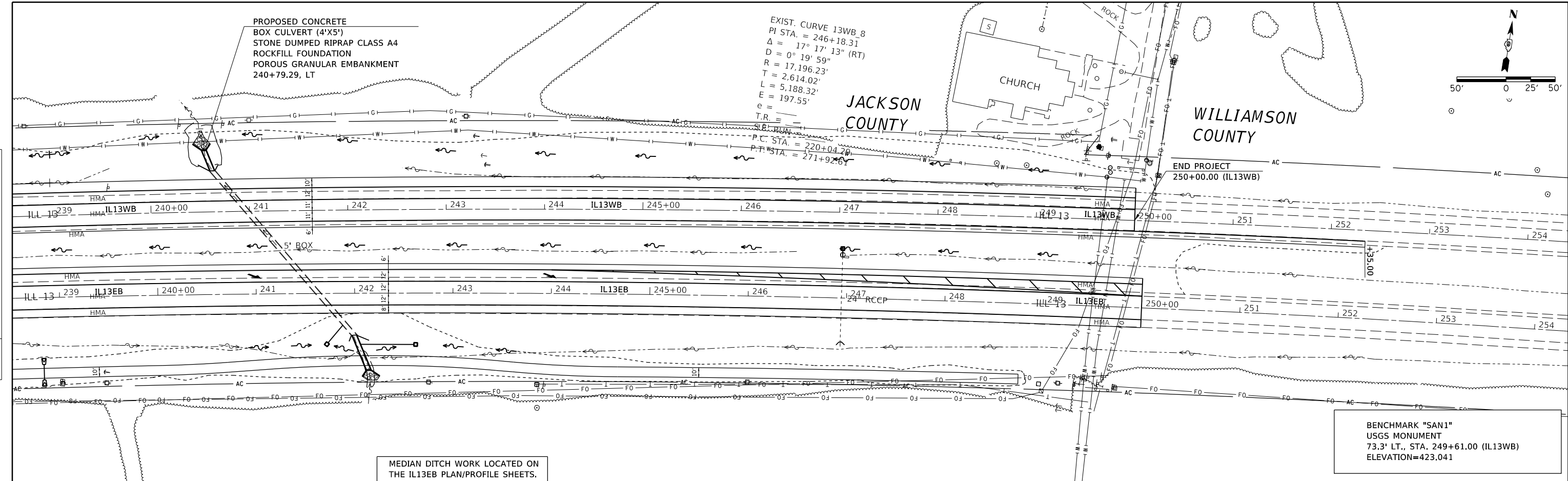
<b>IL13 WESTBOUND</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 37
ILLINOIS FED. AID PROJECT				CONTRACT NO. 78709



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	



413.54	413.70	413.72	413.67	413.75	413.95	414.17	414.30	414.45	414.68	414.99	415.38	415.81	416.25	416.79	417.37	417.98	418.68	419.39	420.14	420.92	421.75	422.87	423.81	424.68	425.41	426.13	
239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+00	250+00	251+00	252+00														

USER NAME = naasdp	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

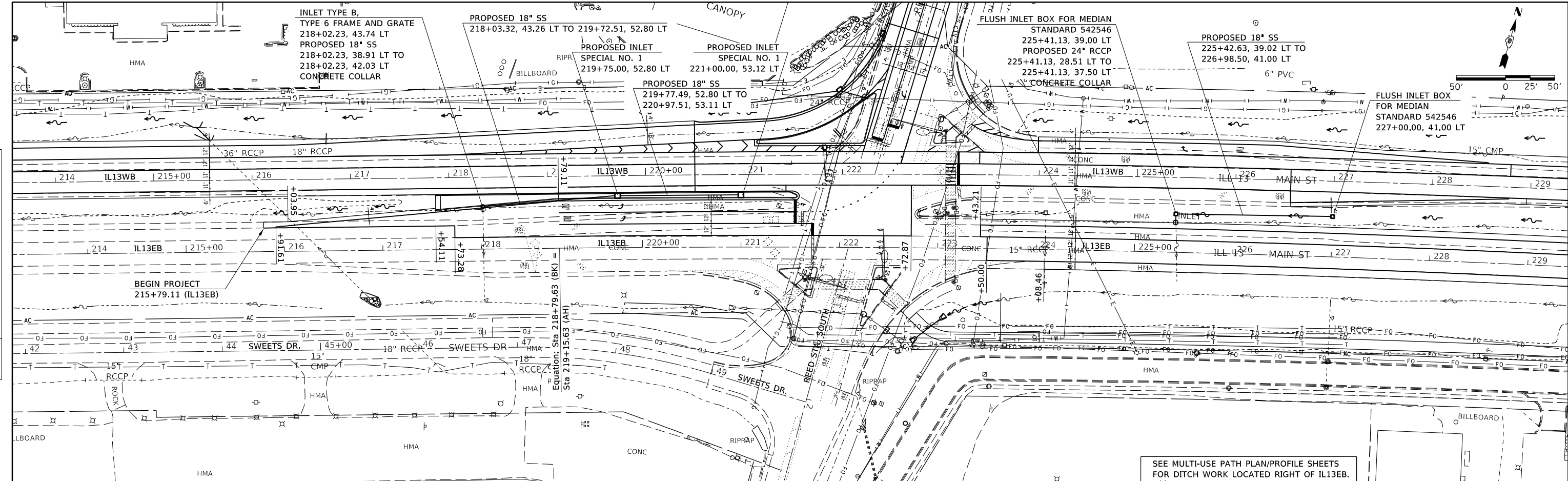
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL13 WESTBOUND	
SCALE:	SHEET OF SHEETS STA. TO STA.

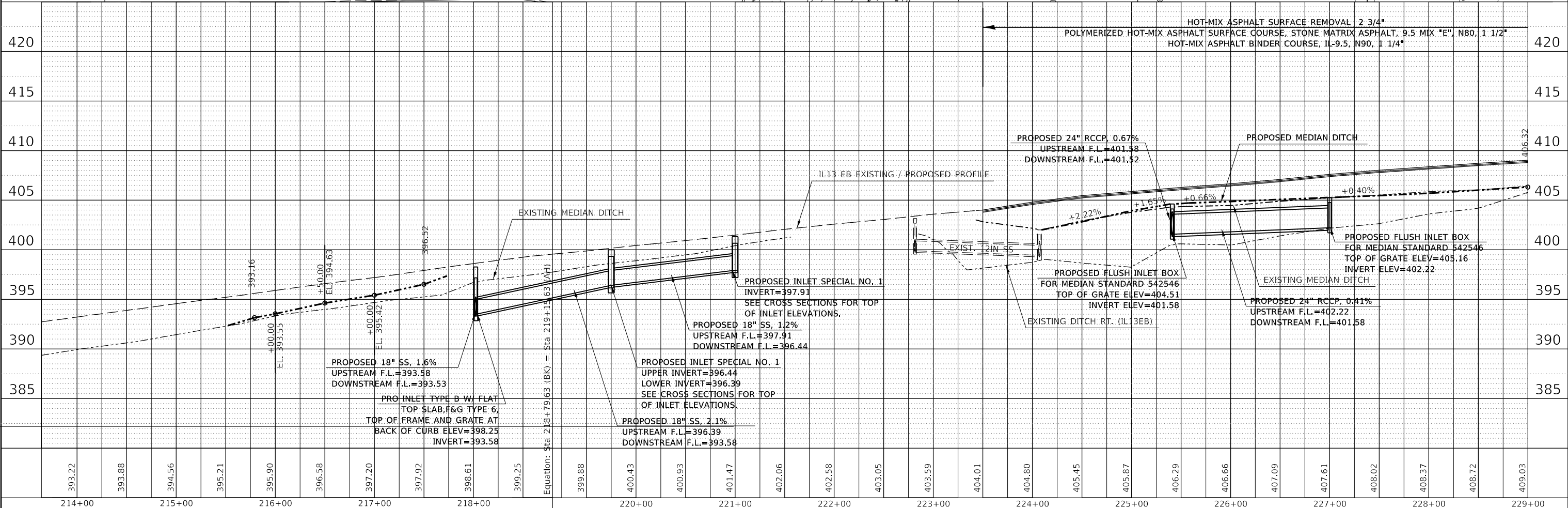
F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 39
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NOTATION	
	NO.	

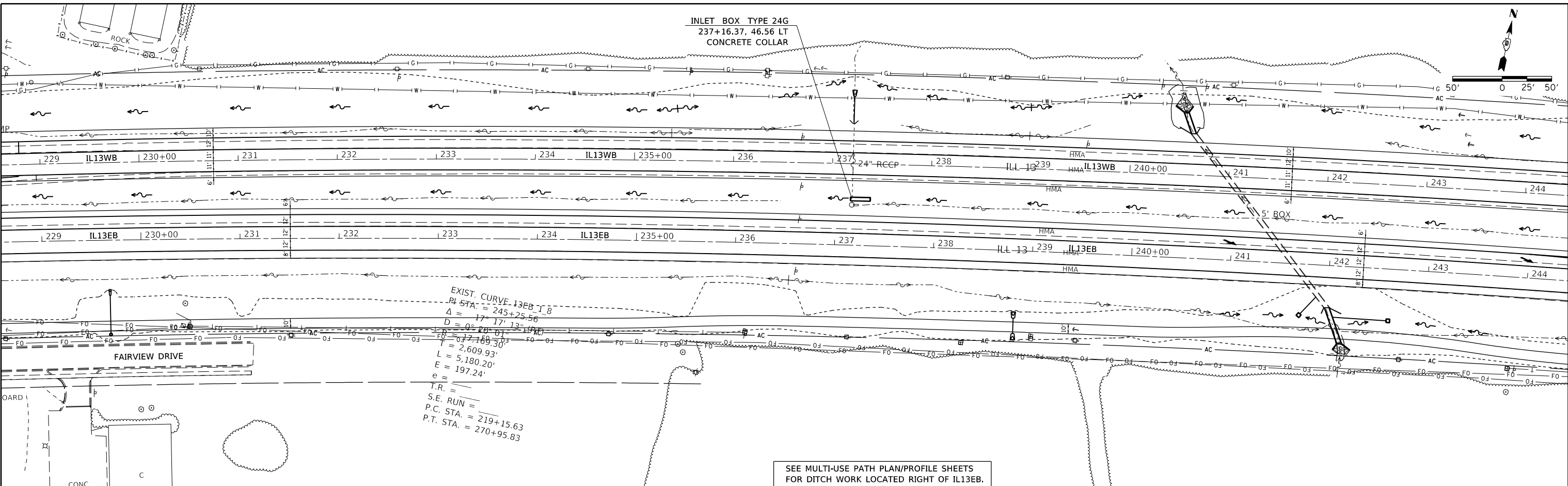


SEE MULTI-USE PATH PLAN/PROFILE SHEETS FOR DITCH WORK LOCATED RIGHT OF IL13EB.



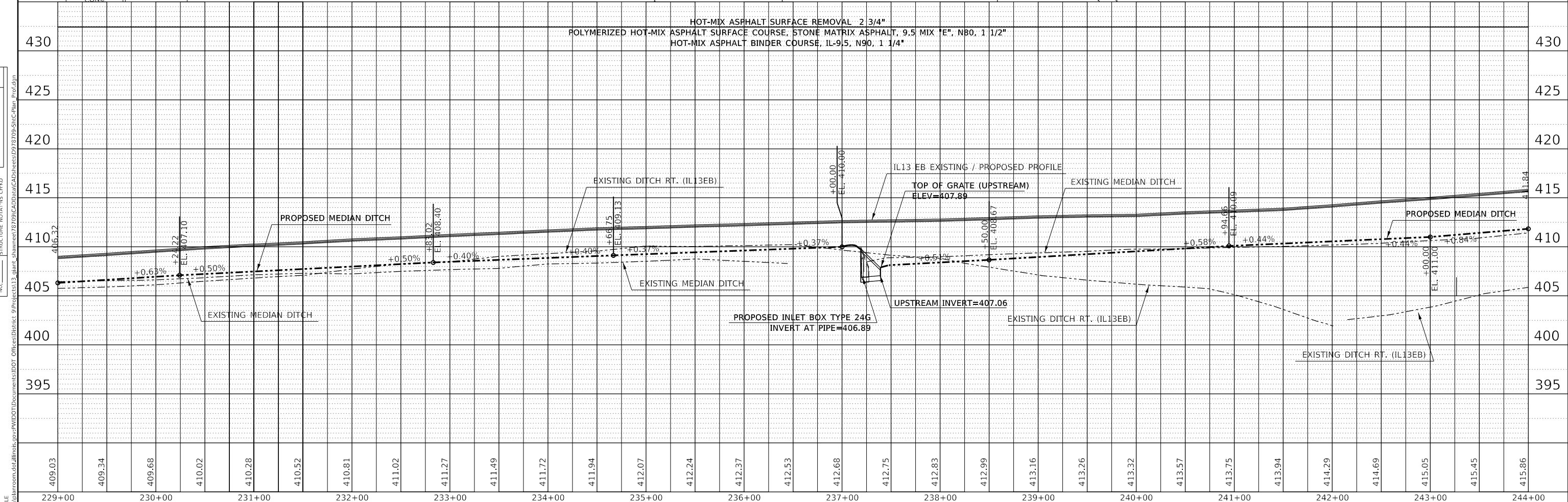
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214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00	222+00	223+00	224+00	225+00	226+00	227+00	228+00	229+00																
USER NAME = naasdp DESIGNED - DRAWN - PLOT SCALE = 100,0000' / in. CHECKED - PLOT DATE = 3/17/2020 DATE -										DESIGNED - REVISED - CHECKED - REVISED - DATE -										<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>						<b>IL13 EASTBOUND</b>				F.A.P. RTE. 331 SECTION (5-3)R-2-N-2-TS-1 COUNTY JACKSON TOTAL SHEETS 212 CONTRACT NO. 78709	
SCALE:										SHEET OF SHEETS STA. TO STA.										ILLINOIS FED. AID PROJECT											





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

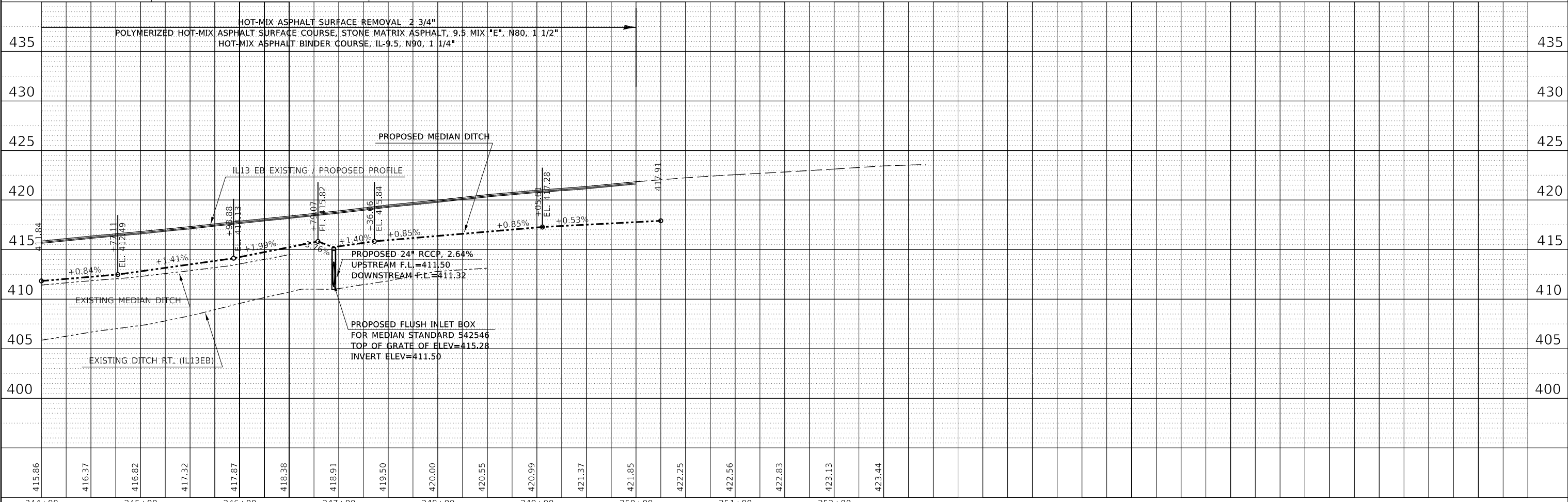
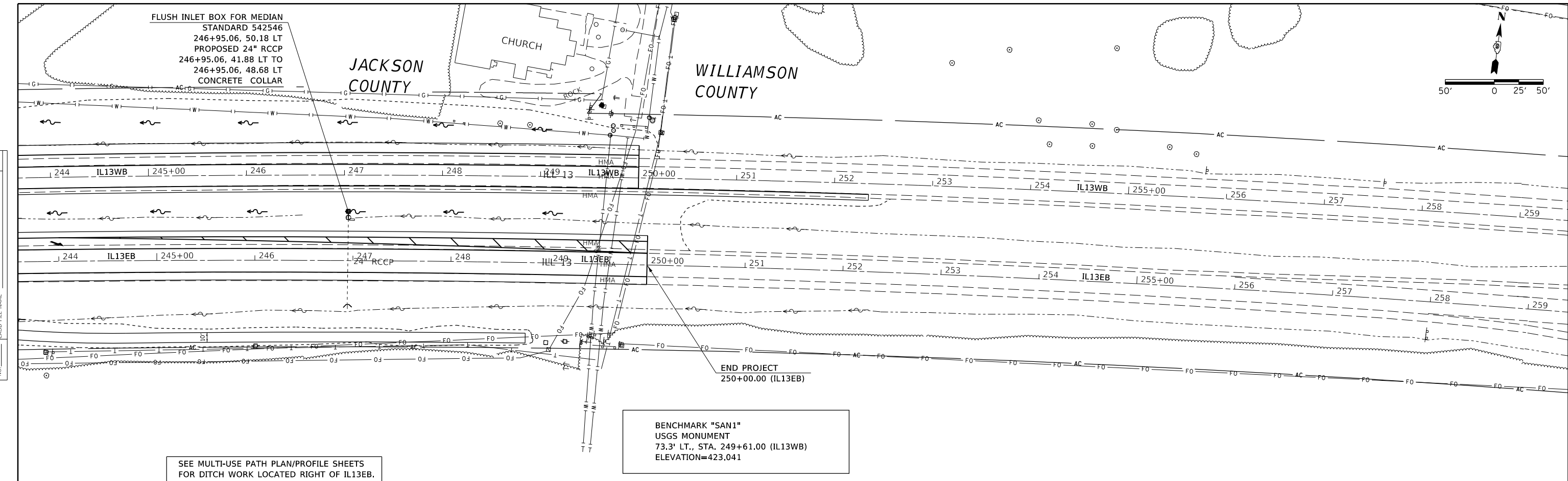
PROFILE	
SURVEYED	DATE
PLOTTED	BY
GRADES	CHECKED
STRUCTURE	NOTED
NOTE BOOK NO.	
CADD FILE NAME	



MODEL: 50 SCALE	USER NAME = naasdp	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL13 EASTBOUND			F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 41
FILE NAME: p:\p11\m00m\da\illinois\gov\p11\DOT\Documents\DOT Offices\District 9\Projects\113\glant\sharree\78709\CA\Plan\CA\shc\shc\Plan_Profile.dgn	PLOT SCALE = 100,0000' / in.	DRAWN -	REvised -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 78709	
	PLOT DATE = 3/17/2020	CHECKED -	REvised -								ILLINOIS FED. AID PROJECT	
		DATE -	REvised -									

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



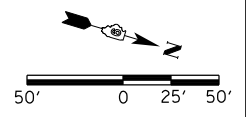
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244+00	245+00	246+00	247+00	248+00	249+00	250+00	251+00	252+00									

USER NAME = naasdp	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

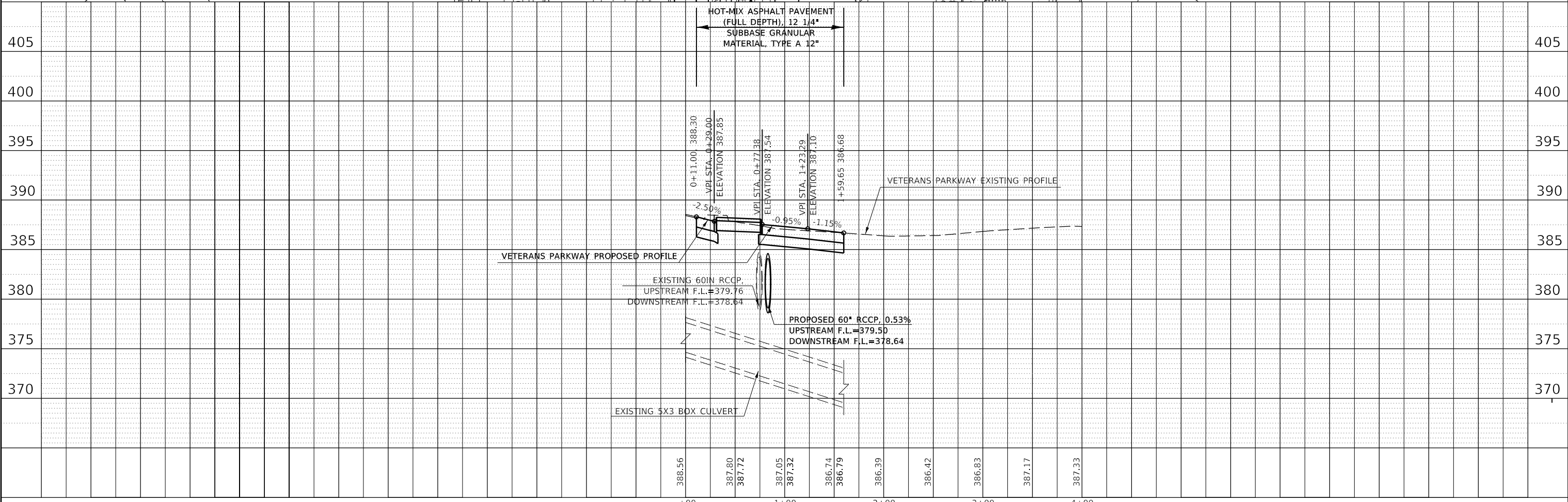
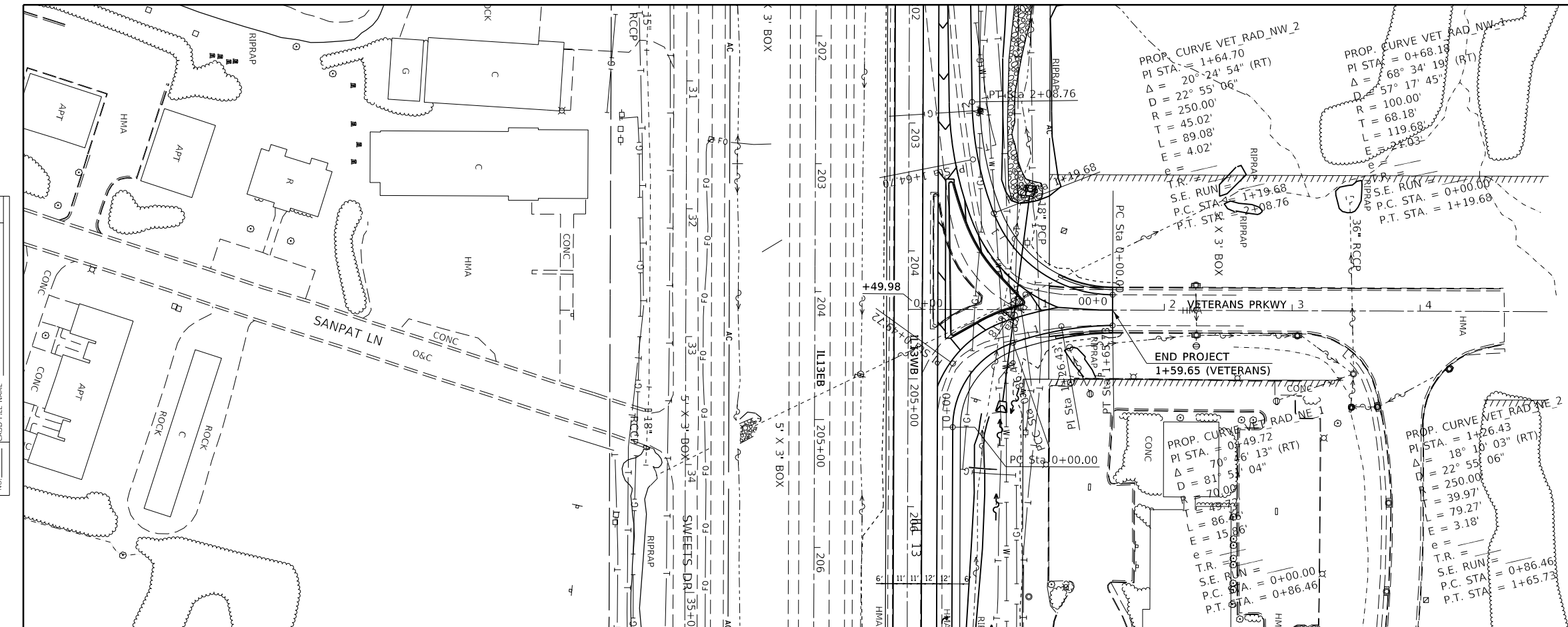
<b>IL13 EASTBOUND</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 42
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



DATE	BY	SURVEYED	ALIGNED	CHECKED	FILE NAME
		PLOTTED	CHECKED		
		NOTE BOOK NO.			

DATE	BY	SURVEYED	GRADES	CHECKED	NOTATION
		PLOTTED	CHECKED		
		NOTE BOOK NO.			

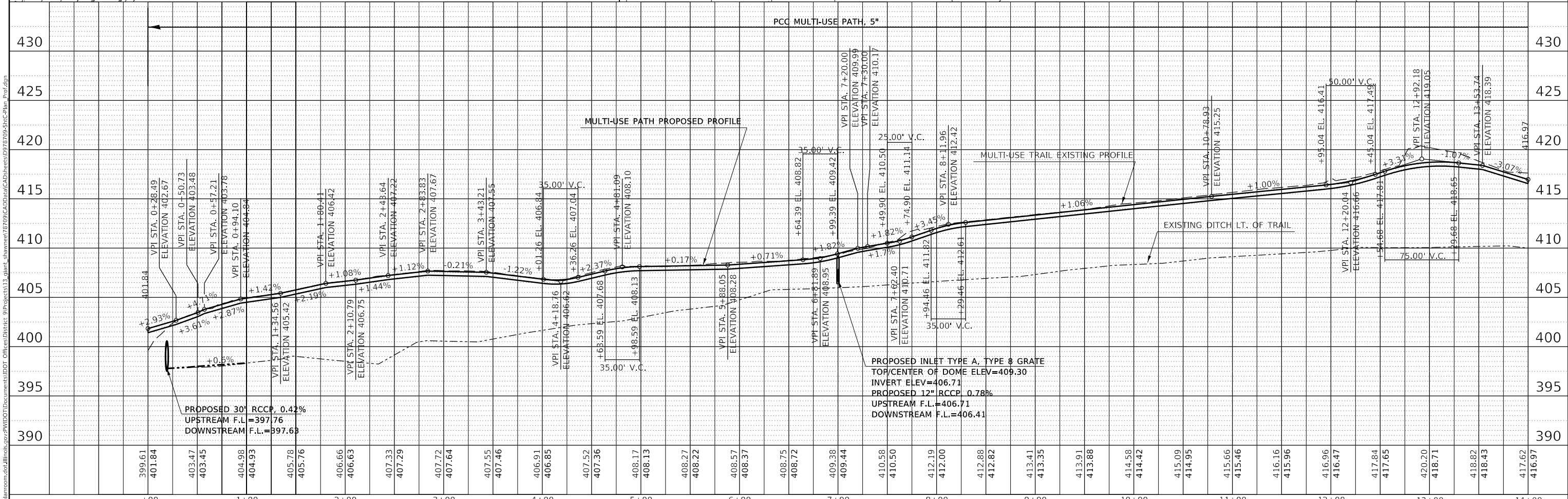
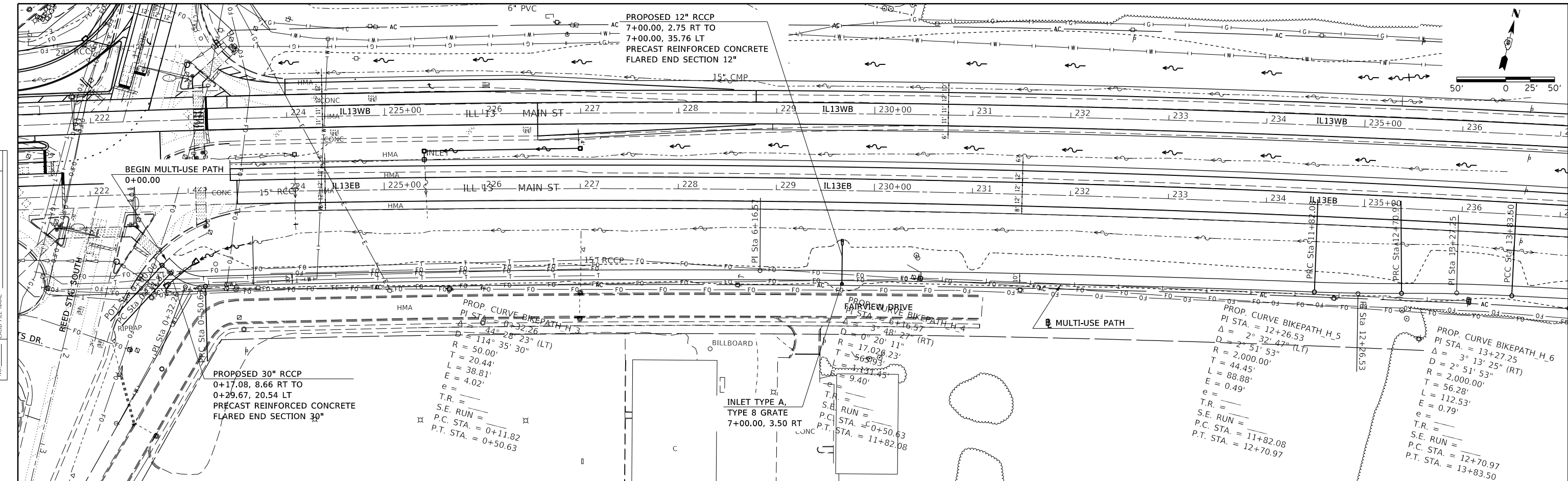


MODEL: 50 SCALE	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				VETERANS PARKWAY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME: p:\p1\p1room.dwg	PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -									331	(5-3)R-2,N-2,TS-1	JACKSON	212	43
	PLOT DATE = 3/17/2020	CHECKED -	REVISED -	SCALE:				SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 78709		
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
	NO.
	FILE NAME
	NO.

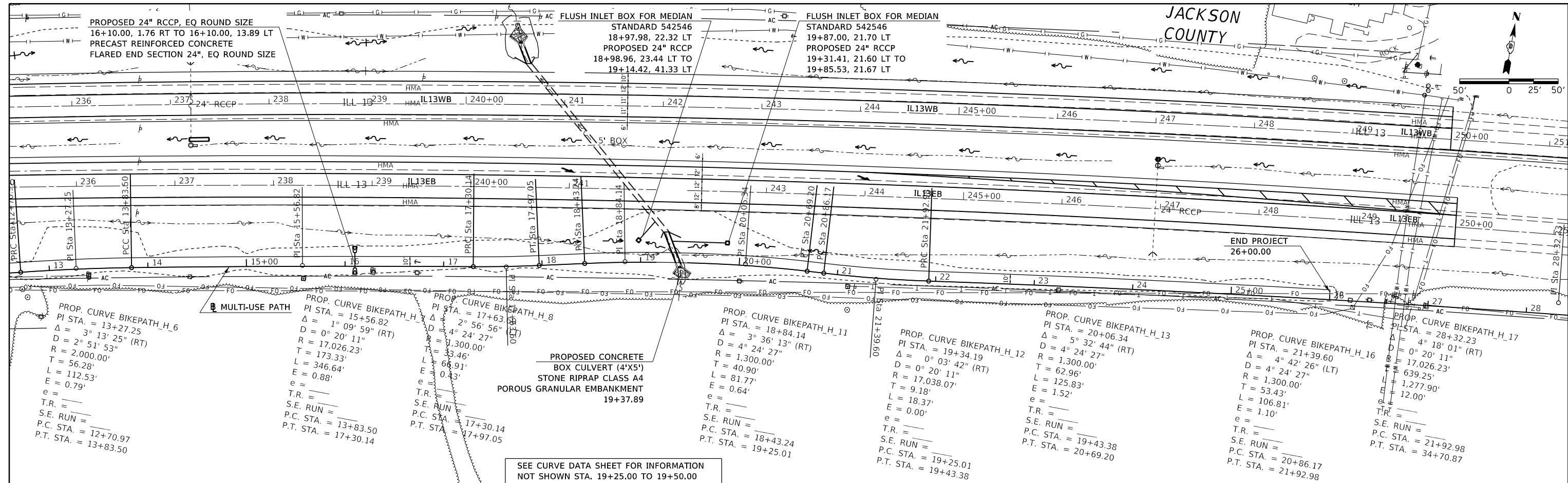
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	FILE NAME
	NO.



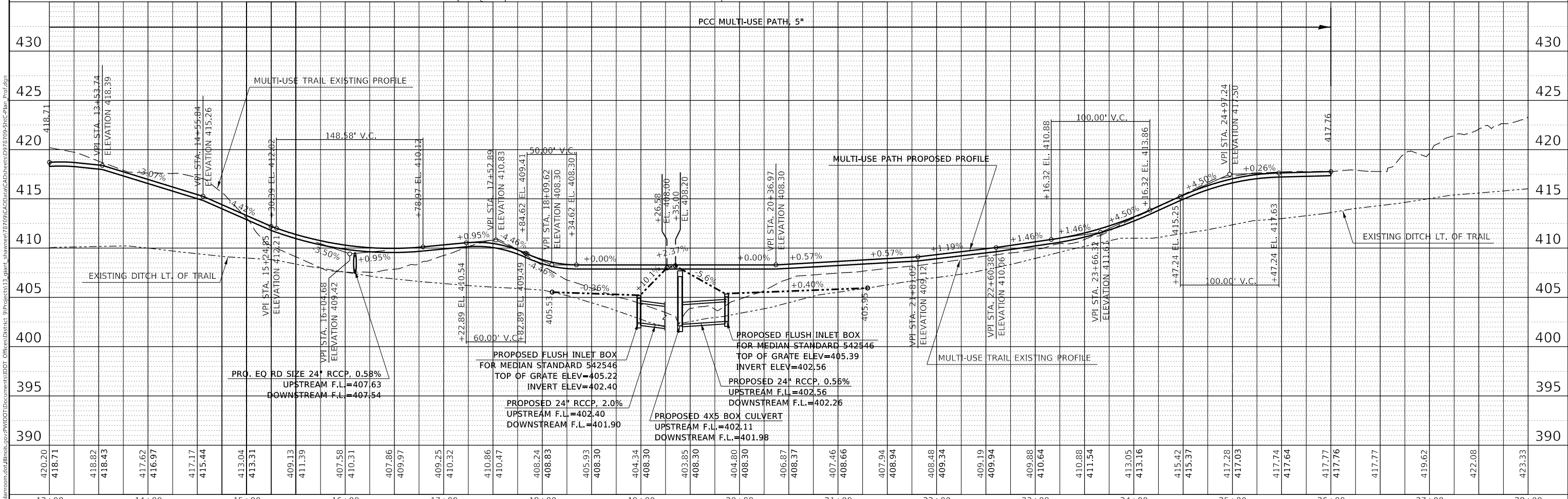
MODEL 50 SCALE	USER NAME = naasdp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-USE PATH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE NAME: p:\illinois\proj\110100\110100.dwg	PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -			331	(5-3)R-2,N-2,TS-1	JACKSON	212	45	
	PLOT DATE = 3/17/2020	CHECKED -	REVISED -			CONTRACT NO. 78709					
		DATE -	REVISED -			ILLINOIS	FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NOTE BOOK NO.	
FILE NAME	



DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
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NOTE BOOK NO.	
FILE NAME	

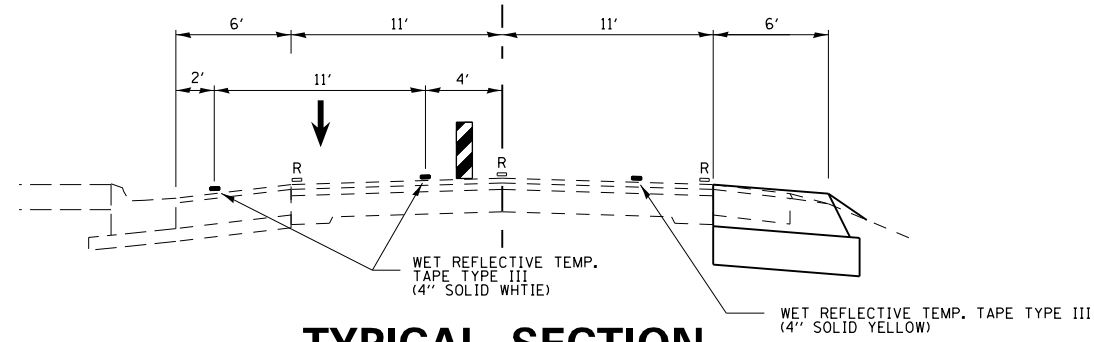


SEE CURVE DATA SHEET FOR INFORMATION NOT SHOWN STA. 19+25.00 TO 19+50.00

MODEL: 50 SCALE	USER NAME = naasdp	DESIGNED -	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>MULTI-USE PATH</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE NAME: p:\jackson\mtd\illinois\gov\WIDOT\Documents\DOT - Offices\District 9\Projects\13\glant\sharwood\1799\CAD\Plan\40\sharwood\1799\shc\Plan_Profile.dgn	PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -			331	(5-3)R-2,N-2,TS-1	JACKSON	212	46	
	PLOT DATE = 3/17/2020	CHECKED -	REVISED -			CONTRACT NO. 78709					
		DATE -	REVISED -			ILLINOIS	FED. AID PROJECT				

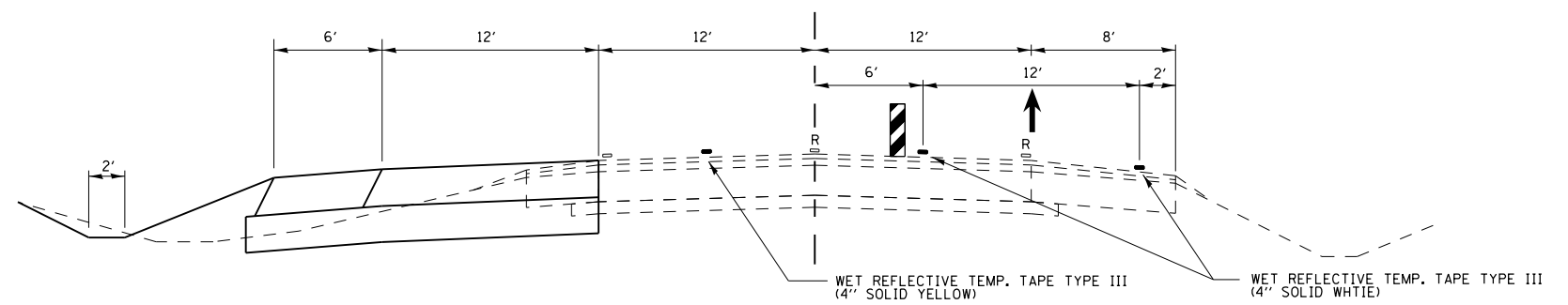
**NIGHT WORK**  
7:00PM TO 7:00 AM

IL RTE 13  
(WESTBOUND)  
LOOKING EAST



**TYPICAL SECTION  
STAGE 1  
(195 + 50 TO 288 + 00)**

IL RTE 13  
(EASTBOUND)  
LOOKING EAST



**TYPICAL SECTION  
STAGE 1**

**STAGE 1:**

CONSTRUCT THE INSIDE WESTBOUND AND EASTBOUND SHOULDERS, AND THE INSIDE EASTBOUND LANE ADDITION AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

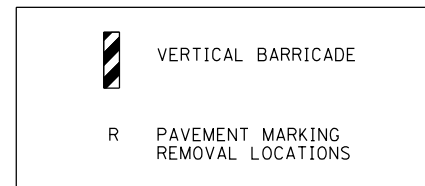
**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

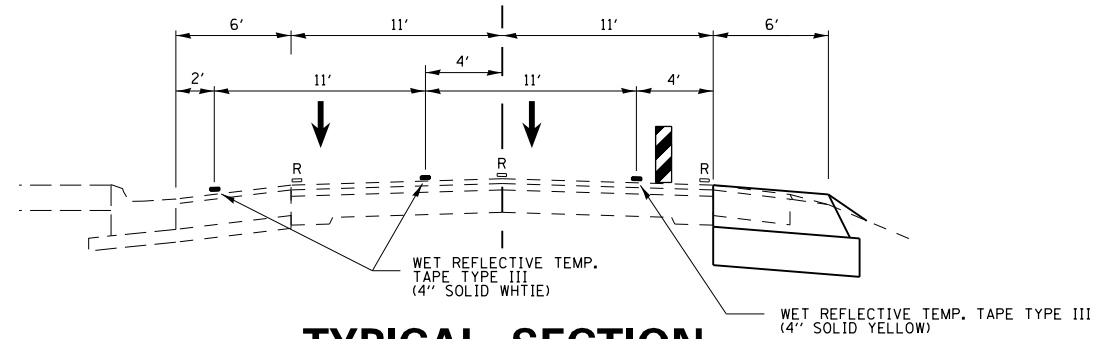
TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.



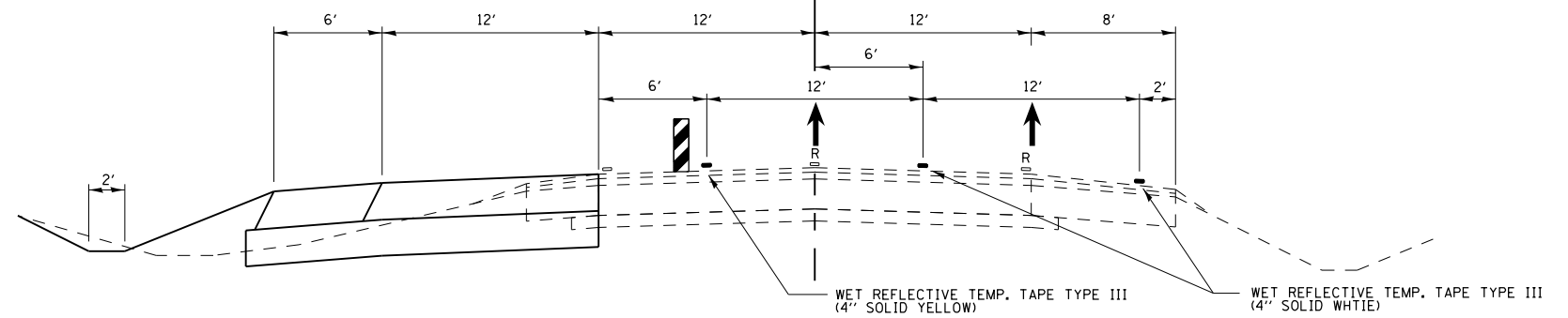
**DAYTIME WORK**  
7:00AM TO 7:00 PM

IL RTE 13  
(WESTBOUND)  
LOOKING EAST



**TYPICAL SECTION  
STAGE 1  
(195 + 50 TO 288 + 00)**

IL RTE 13  
(EASTBOUND)  
LOOKING EAST



**TYPICAL SECTION  
STAGE 1**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 1**

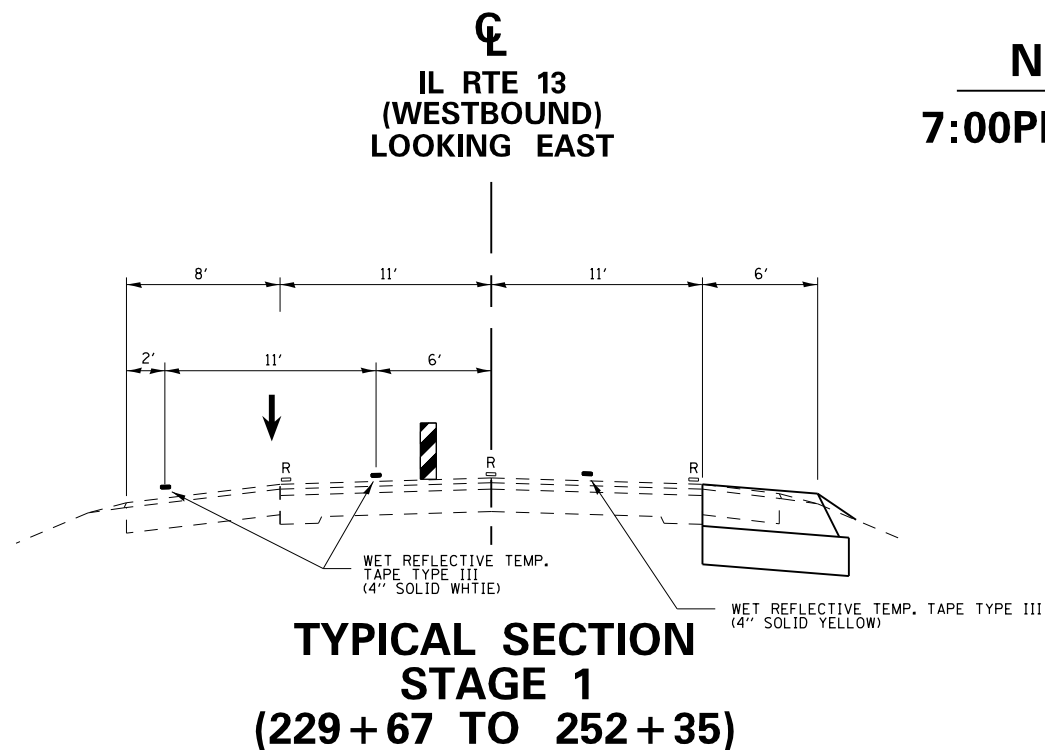
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	47
CONTRACT NO. 78709				
SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: TYPICALS  
FILE NAME: P:\p1\lanscom.dwg  
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DATE: 3/17/2020  
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CHECKED: naasdp  
DATE: 3/17/2020



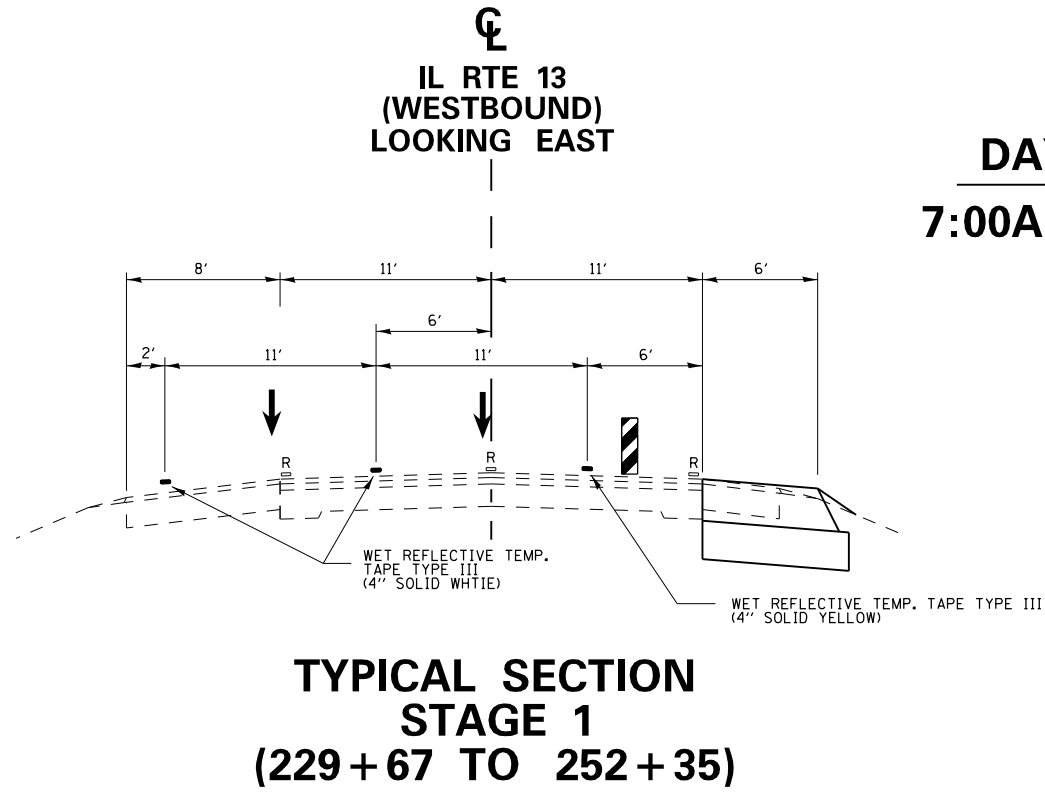
**NIGHT WORK**  
7:00PM TO 7:00 AM



**STAGE 1:**  
CONSTRUCT THE INSIDE WESTBOUND AND EASTBOUND SHOULDERS AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

**NOTES:**  
SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.  
REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.  
TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.  
SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.

**DAYTIME WORK**  
7:00AM TO 7:00 PM

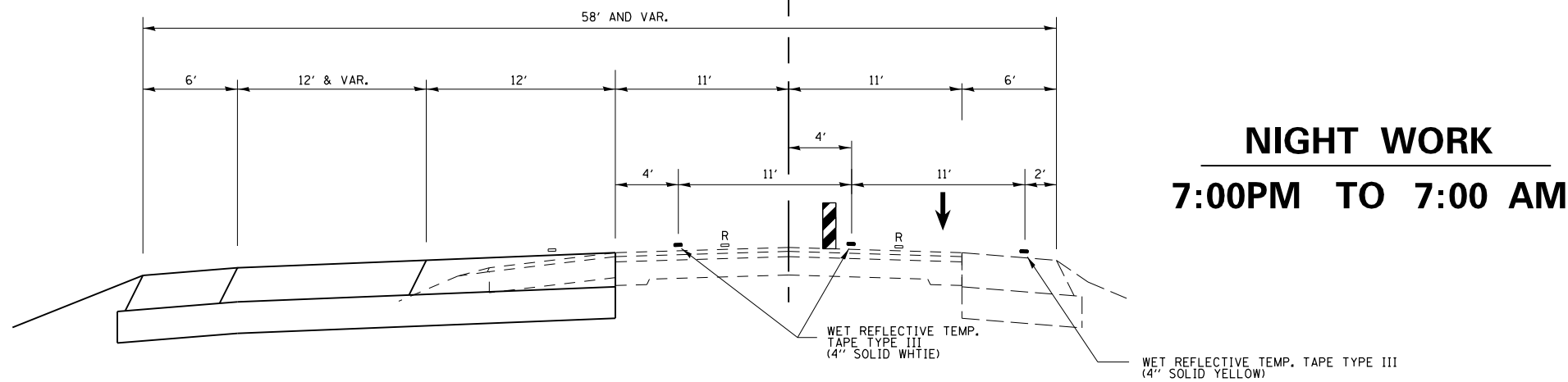


MODEL: TYPICALS  
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USER NAME = naasdp DRAWN - PLOT SCALE = 10.0000' / in. PLOT DATE = 3/17/2020	DESIGNED - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING TYPICALS: STAGE 1</b>			F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 48
				SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



IL RTE 13  
(WESTBOUND)  
LOOKING EAST

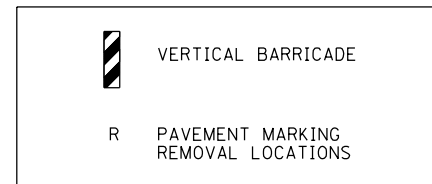


**NIGHT WORK**  
**7:00PM TO 7:00 AM**

**TYPICAL SECTION  
STAGE 2**

**STAGE 2:**

COMPLETE THE WESTBOUND LANE ADDITION, TURN LANES, OUTSIDE SHOULDER, AND PROPOSED WORK AT VETERANS PARKWAY AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.



**NOTES:**

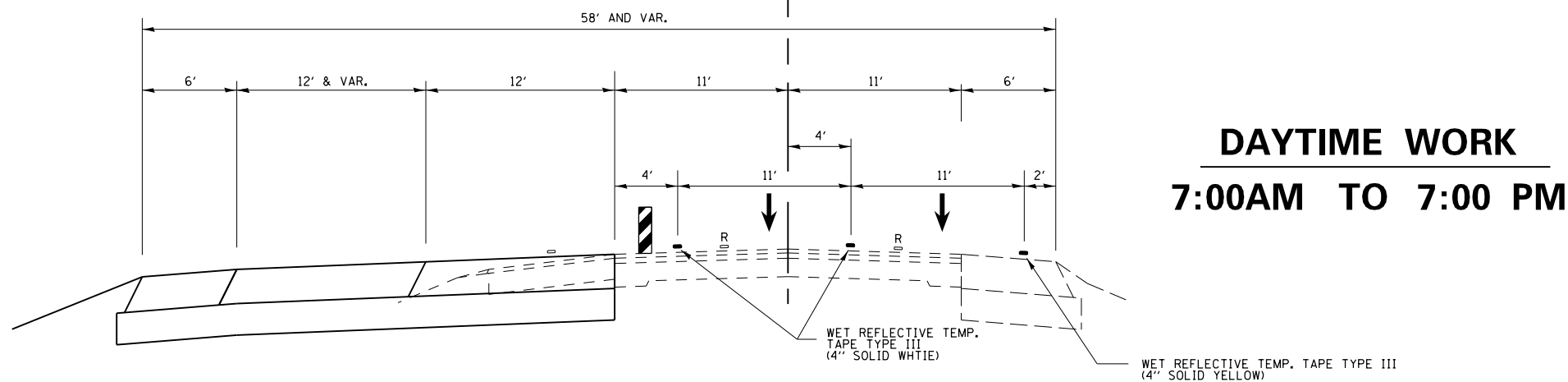
SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.

IL RTE 13  
(WESTBOUND)  
LOOKING EAST



**DAYTIME WORK**  
**7:00AM TO 7:00 PM**

**TYPICAL SECTION  
STAGE 2**

MODEL: TYPICALS  
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PROJECT: 13\_01bnt\_chavne072720\CADD\Drawings\DOT\Office\Drawings\9\Project\13\_01bnt\_chavne072720\CADD\Drawings\DOT\Office\Drawings\9\Project\13\_01bnt\_chavne072720\Sheet\Typ\_Sch\_Tlas\_CeopakElements.dgn

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PLOT DATE = 3/17/2020	DATE -	REVISED -

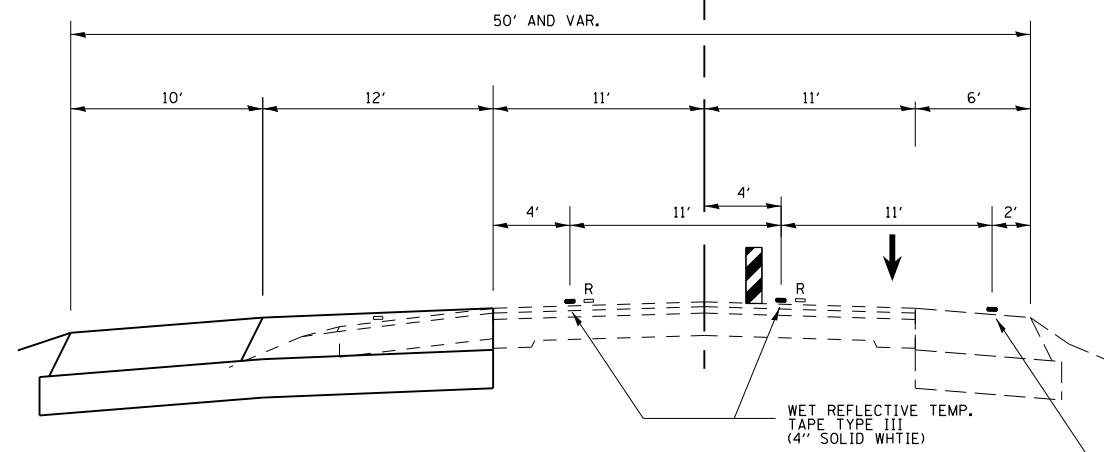
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGING TYPICALS: STAGE 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	49
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

IL RTE 13  
(WESTBOUND)  
LOOKING EAST



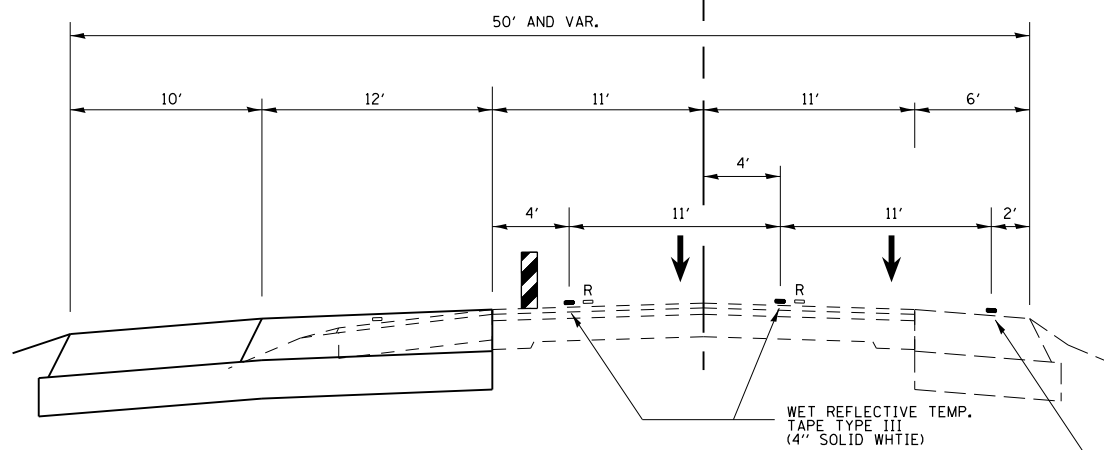
TYPICAL SECTION  
STAGE 3

**NIGHT WORK**  
**7:00PM TO 7:00 AM**

WET REFLECTIVE TEMP. TAPE TYPE III  
(4" SOLID YELLOW)  
WILL REMAIN IN PLACE AND  
USED DURING STAGE 4



IL RTE 13  
(WESTBOUND)  
LOOKING EAST



TYPICAL SECTION  
STAGE 3

**DAYTIME WORK**  
**7:00AM TO 7:00 PM**

WET REFLECTIVE TEMP. TAPE TYPE III  
(4" SOLID YELLOW)  
WILL REMAIN IN PLACE AND  
USED DURING STAGE 4

**STAGE 3:**

COMPLETE THE WESTBOUND LANE ADDITION, TURN LANE, AND OUTSIDE SHOULDER AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.

MODEL: TYPICALS  
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PROJECT: 13\_albert\_chavira\727209\CADD\13\CA\Sheet\0975209\_ShtR-3.dwg  
DATE: 3/17/2020

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

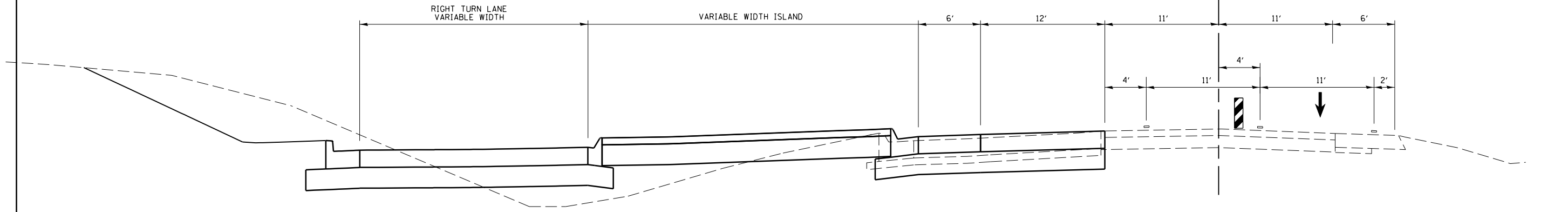
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGING TYPICALS: STAGE 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	50
				CONTRACT NO. 78709
		ILLINOIS	FED. AID PROJECT	

CL  
**IL RTE 13  
(WESTBOUND)  
LOOKING EAST**



**NIGHT WORK  
7:00PM TO 7:00 AM**      **TYPICAL SECTION  
STAGE 4**


**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.

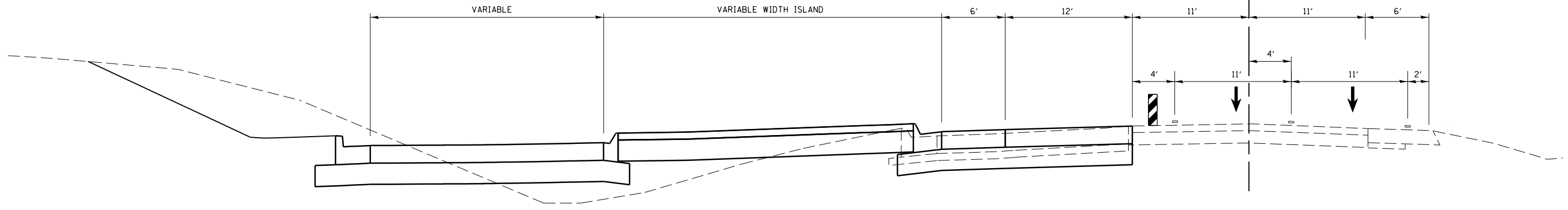
 VERTICAL BARRICADE

R PAVEMENT MARKING REMOVAL LOCATIONS

**STAGE 4:**

COMPLETE THE PROPOSED WORK IN THE NORTHWEST QUADRANT OF THE IL13WB/REED STA. INTERSECTION AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

CL  
**IL RTE 13  
(WESTBOUND)  
LOOKING EAST**



**DAYTIME WORK  
7:00AM TO 7:00 PM**      **TYPICAL SECTION  
STAGE 4**

MODEL TYPICALS  
FILE NAME: P:\upturnroom.dwg  
PROJECT: 9\Projects\13\_albnt\_chavone\72729\CADD\13\13\Reed\13\13\_Sch\_T13s\_CtopskElements.dgn

USER NAME = naasd DRAWN - PLOT SCALE = 10.0000 ' / in. PLOT DATE = 3/17/2020	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING TYPICALS: STAGE 4</b> SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					331	(5-3)R-2,N-2,TS-1	JACKSON	212	51
	CHECKED -	REVISED -					CONTRACT NO. 78709				
	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

**STAGE 4:**

COMPLETE THE PROPOSED WORK IN THE NORTHWEST QUADRANT OF THE IL13WB/REED STA. INTERSECTION AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

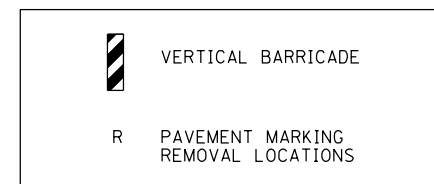
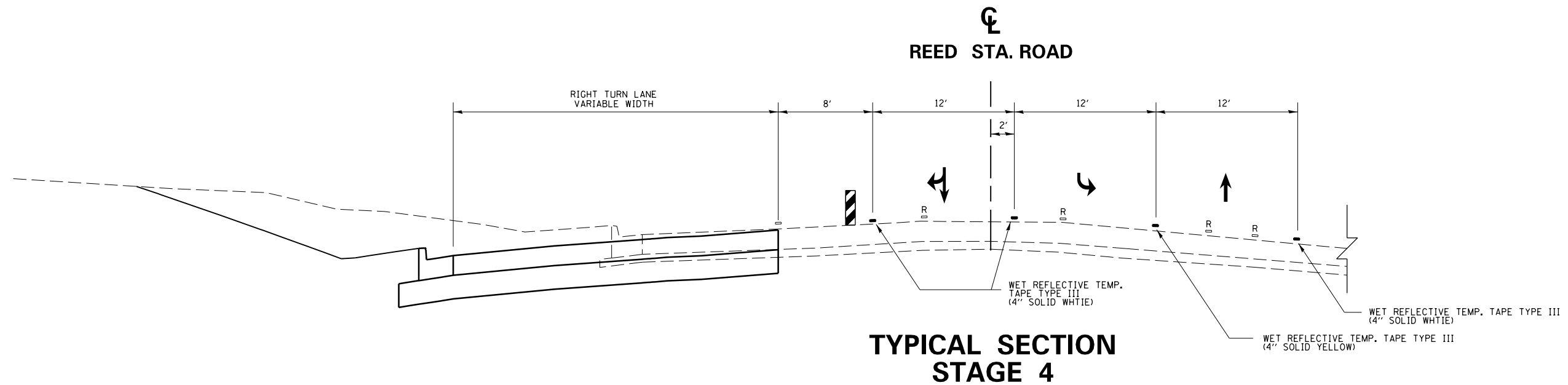
**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.



MODEL: TYPICALS  
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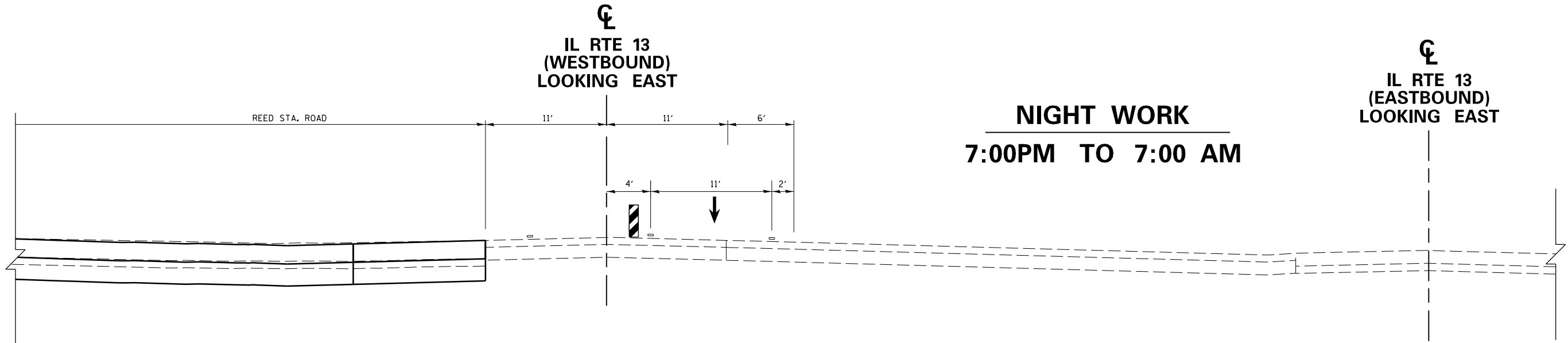
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 4**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	52
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION  
STAGE 5**

**STAGE 5:**

COMPLETE THE PROPOSED WORK ON NORTH REED STA. ROAD AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

	VERTICAL BARRICADE
R	PAVEMENT MARKING REMOVAL LOCATIONS

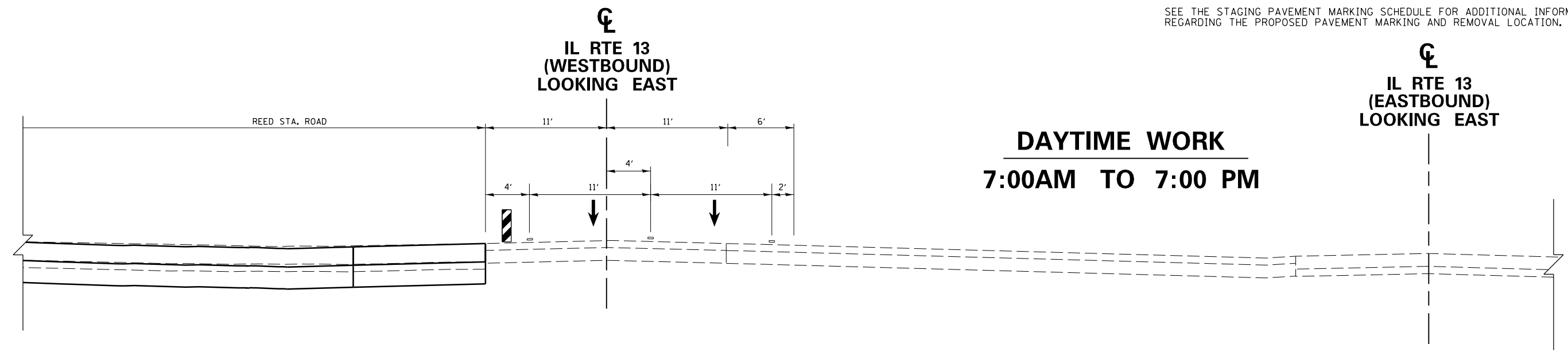
**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.



**TYPICAL SECTION  
STAGE 5**

MODEL: TYPICALS  
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 5**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78709	

**STAGE 5:**

COMPLETE THE PROPOSED WORK ON NORTH REED STA. ROAD AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

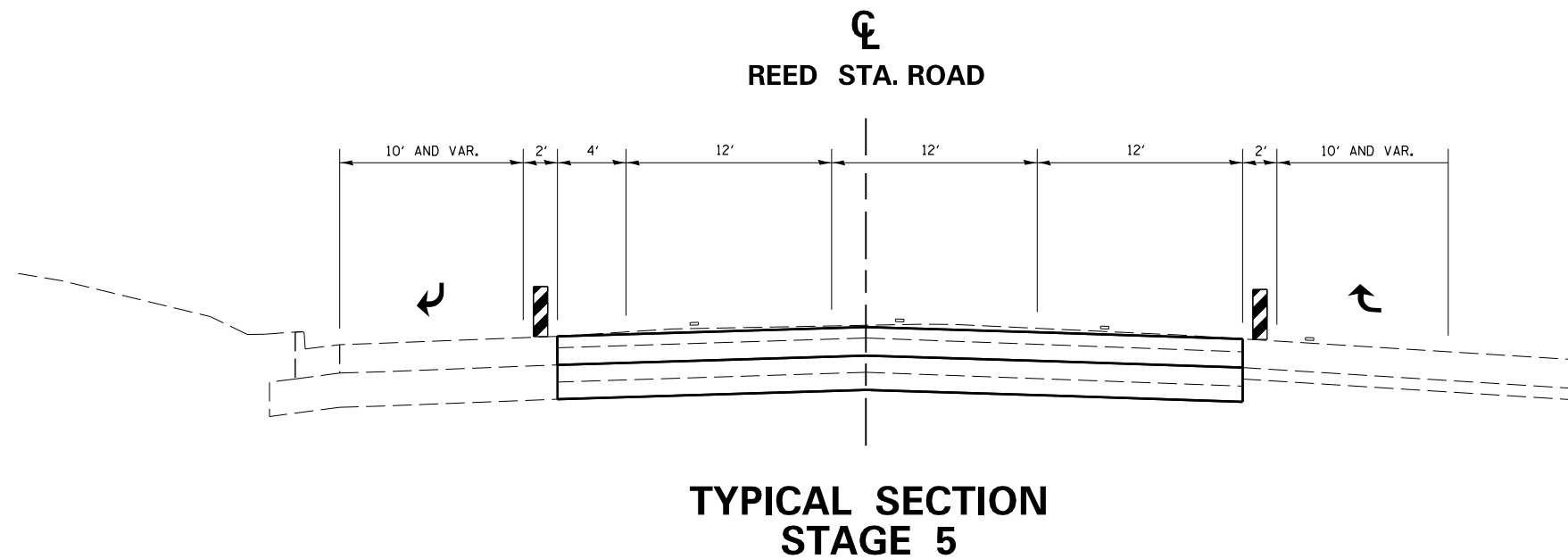
**NOTES:**


SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.



	VERTICAL BARRICADE
R	PAVEMENT MARKING REMOVAL LOCATIONS

MODEL: TYPICALS  
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 5**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	54
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		

**STAGE 6:**

COMPLETE THE WESTBOUND THROUGH LANE AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

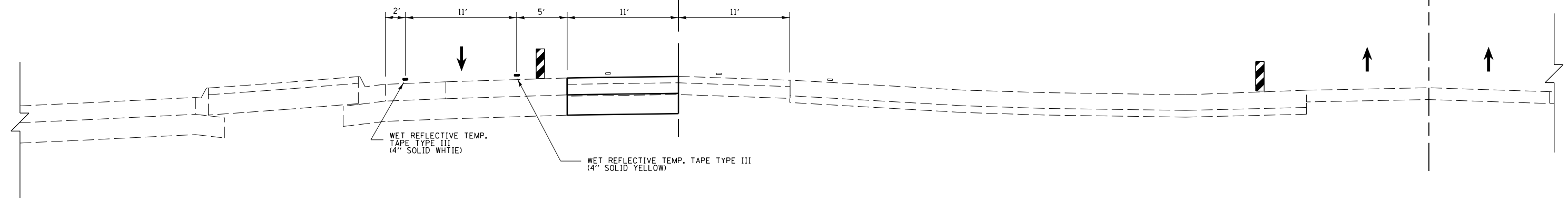
REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.


SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.


**IL RTE 13  
(WESTBOUND)  
LOOKING EAST**

**IL RTE 13  
(EASTBOUND)  
LOOKING EAST**



**TYPICAL SECTION  
STAGE 6**

 VERTICAL BARRICADE

 PAVEMENT MARKING REMOVAL LOCATIONS

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 6**

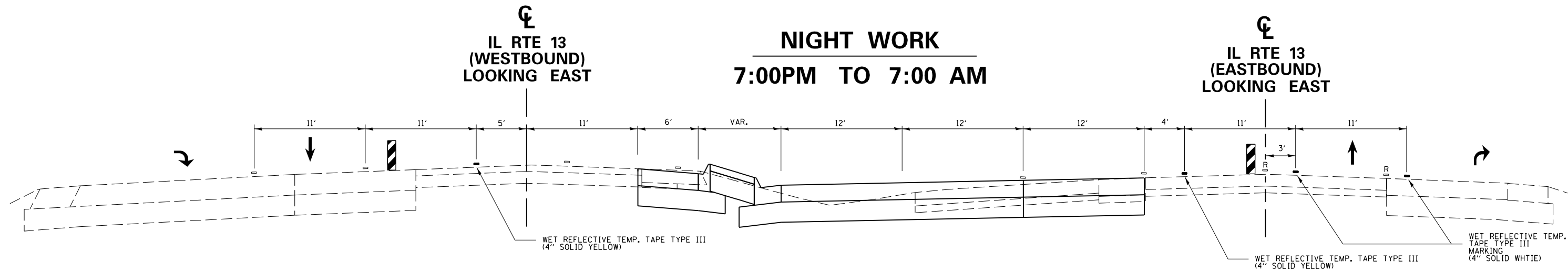
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	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	55
CONTRACT NO. 78709				
ILLINOIS		FED. AID PROJECT		

MODEL: TYPICALS  
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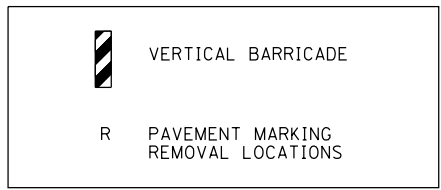
## NIGHT WORK 7:00PM TO 7:00 AM



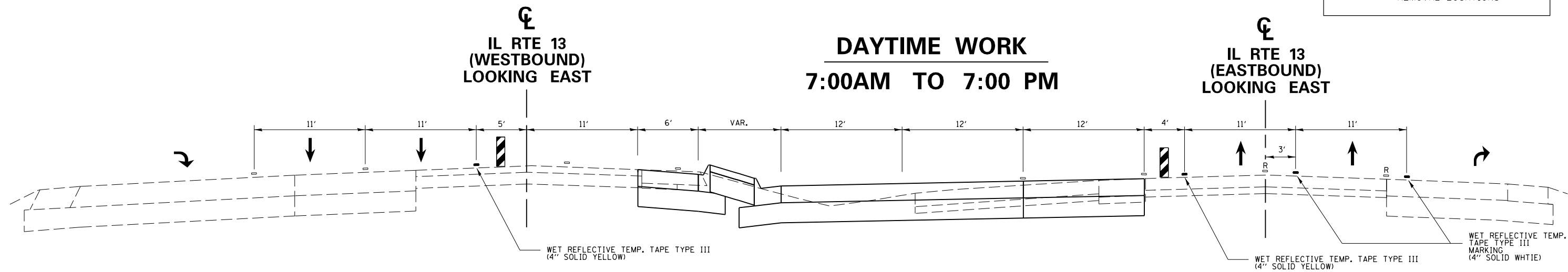
**STAGE 7:**  
 COMPLETE THE EASTBOUND LEFT TURN LANES, EASTBOUND THROUGH LANE, AND WESTBOUND THROUGH LANE AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

**NOTES:**  
 SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.  
 REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.  
 TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.  
 SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.

**TYPICAL SECTION  
 STAGE 7  
 (215 + 79.11 TO 221 + 00.00)**



## DAYTIME WORK 7:00AM TO 7:00 PM



**TYPICAL SECTION  
 STAGE 7  
 (215 + 79.11 TO 221 + 00.00)**

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 7**

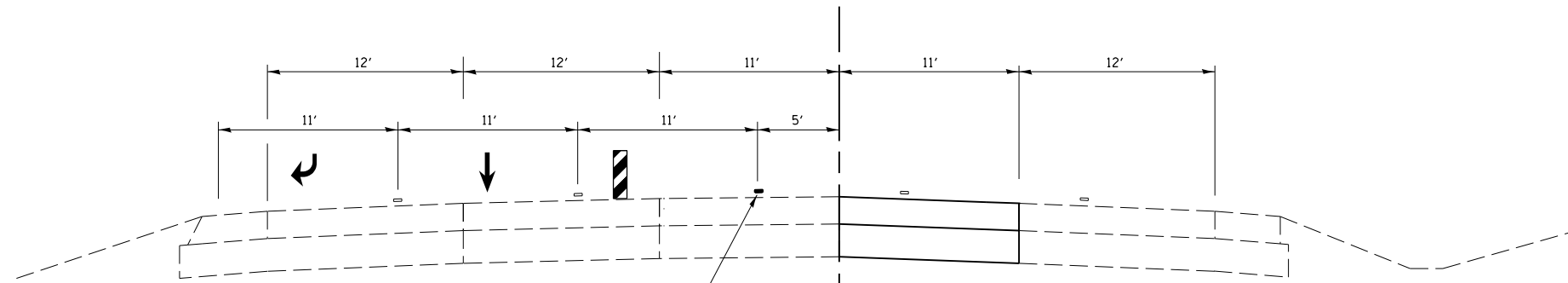
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	56
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



IL RTE 13  
(WESTBOUND)  
LOOKING EAST

**NIGHT WORK**  
7:00PM TO 7:00 AM



WET REFLECTIVE TEMP. TAPE TYPE III  
(4" SOLID YELLOW)

**TYPICAL SECTION  
STAGE 7  
(223 + 50.00 TO 226 + 55.93)**

**STAGE 7:**

COMPLETE THE EASTBOUND LEFT TURN LANES, EASTBOUND THROUGH LANE, AND WESTBOUND THROUGH LANE AS SHOWN ON THE CONSTRUCTION STAGING LAYOUT SHEETS.

**NOTES:**

SEE THE STAGING PAVEMENT MARKING SHEETS FOR MERGE, TURN LANE, AND TAPER INFORMATION.

REFER TO DROP-OFF ALLOWANCE DAYS SPECIAL PROVISION.

TRAFFIC CONTROL WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION SPECIAL.

SEE THE STAGING PAVEMENT MARKING SCHEDULE FOR ADDITIONAL INFORMATION REGARDING THE PROPOSED PAVEMENT MARKING AND REMOVAL LOCATION.



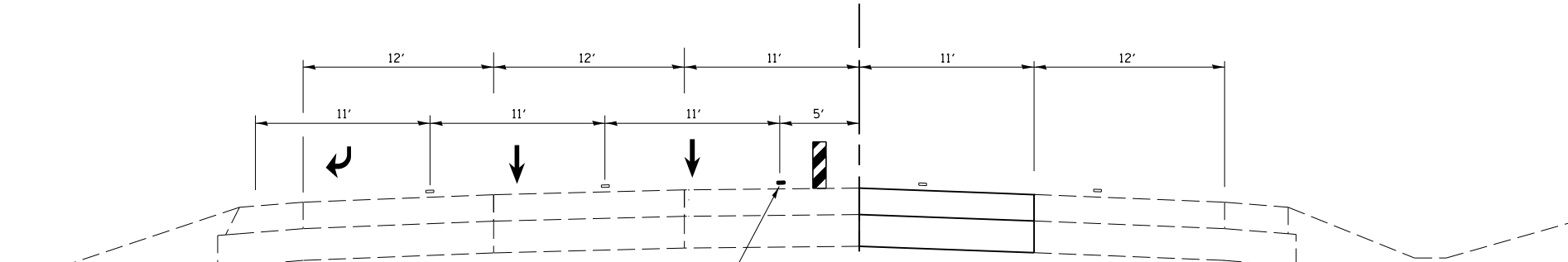
VERTICAL BARRICADE

R

PAVEMENT MARKING  
REMOVAL LOCATIONS

IL RTE 13  
(WESTBOUND)  
LOOKING EAST

**DAYTIME WORK**  
7:00AM TO 7:00 PM



WET REFLECTIVE TEMP. TAPE TYPE III  
(4" SOLID YELLOW)

**TYPICAL SECTION  
STAGE 7  
(223 + 50.00 TO 226 + 55.93)**

MODEL: TYPICALS  
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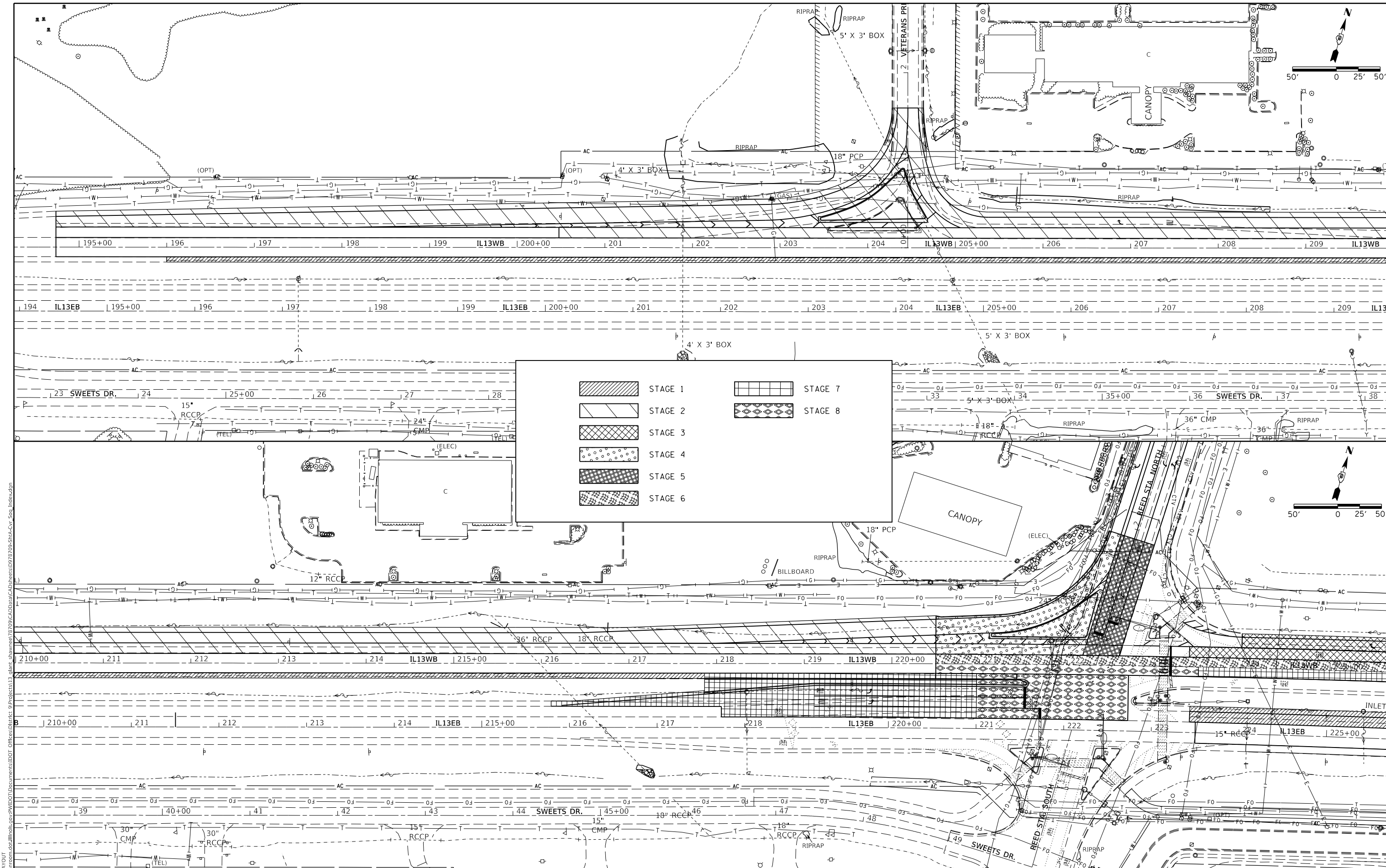
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING TYPICALS: STAGE 7**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	57
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





- |  |         |  |         |
|--|---------|--|---------|
|  | STAGE 1 |  | STAGE 7 |
|  | STAGE 2 |  | STAGE 8 |
|  | STAGE 3 |  |         |
|  | STAGE 4 |  |         |
|  | STAGE 5 |  |         |
|  | STAGE 6 |  |         |

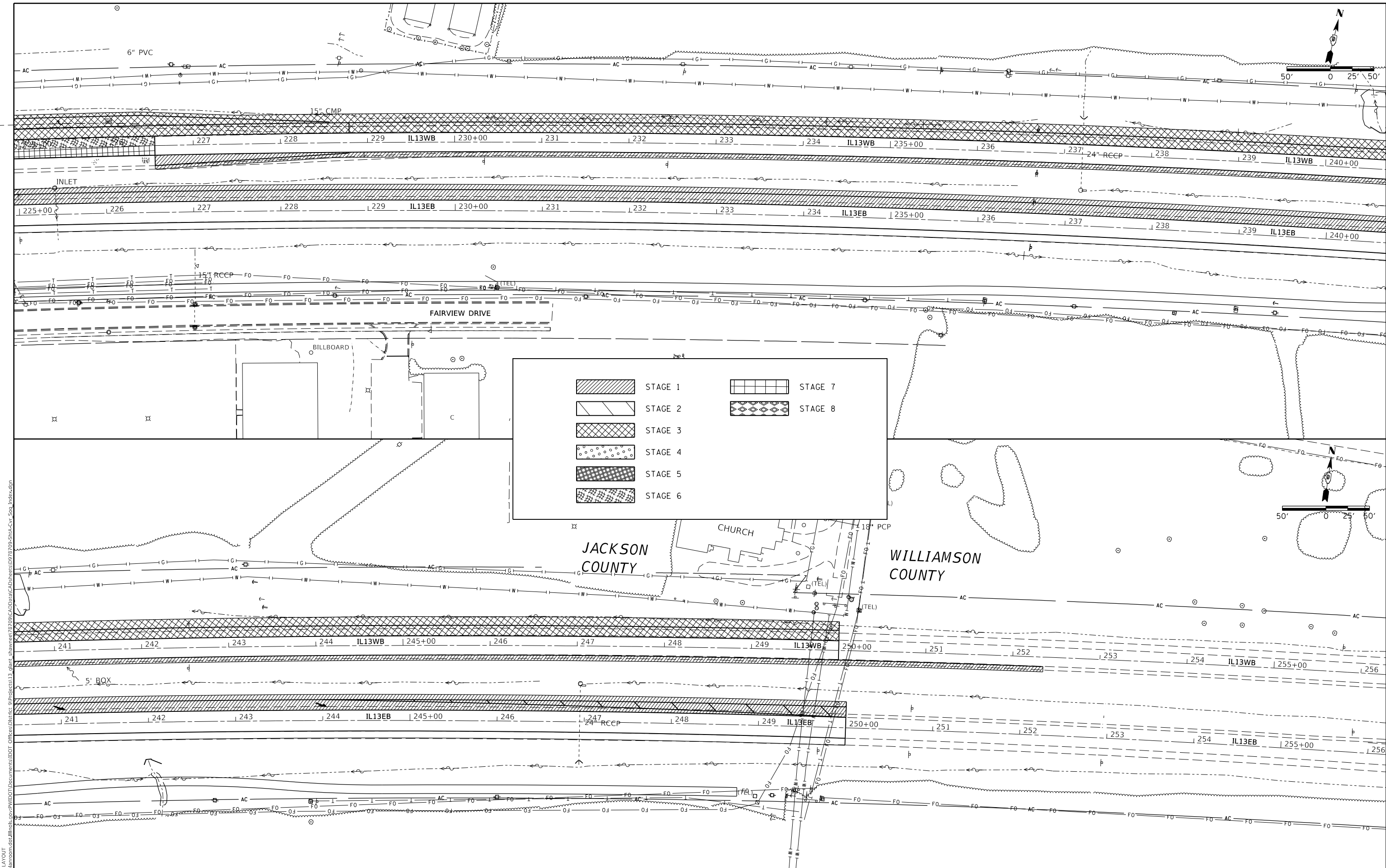
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PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION STAGING LAYOUT</b>				
SCALE:	SHEET	OF	SHEETS	STA.
				TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	59
			CONTRACT NO. 78709	
		ILLINOIS FED. AID PROJECT		



	STAGE 1		STAGE 7
	STAGE 2		STAGE 8
	STAGE 3		
	STAGE 4		
	STAGE 5		
	STAGE 6		

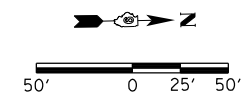
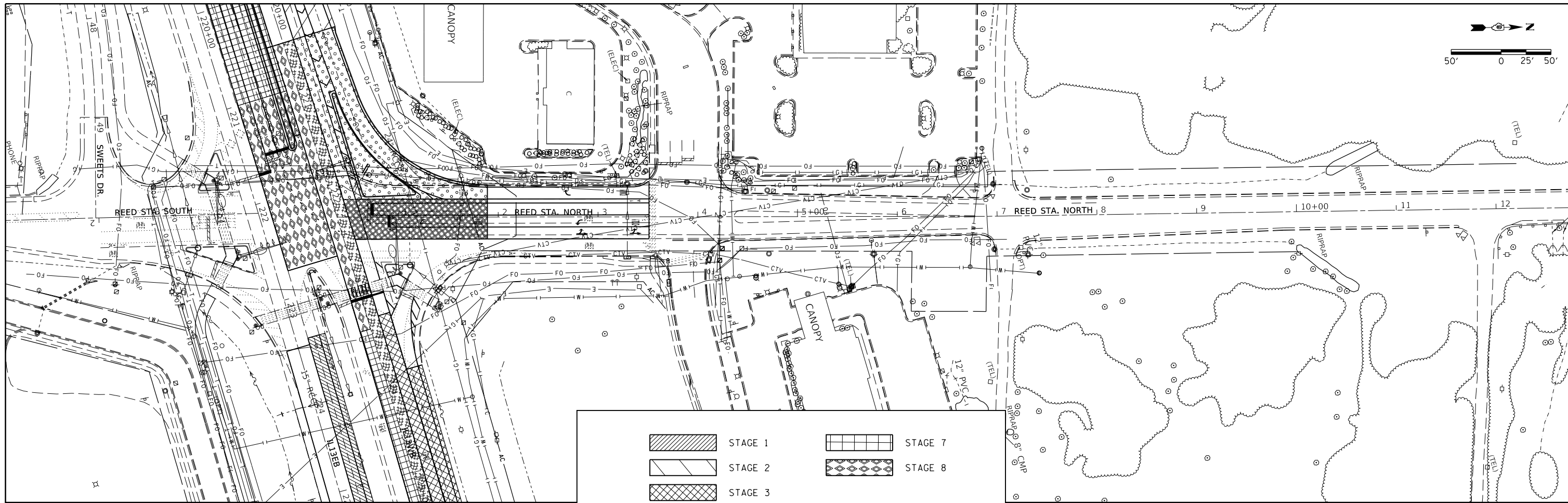
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USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION STAGING LAYOUT</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	60
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



	STAGE 1		STAGE 7
	STAGE 2		STAGE 8
	STAGE 3		
	STAGE 4		
	STAGE 5		
	STAGE 6		

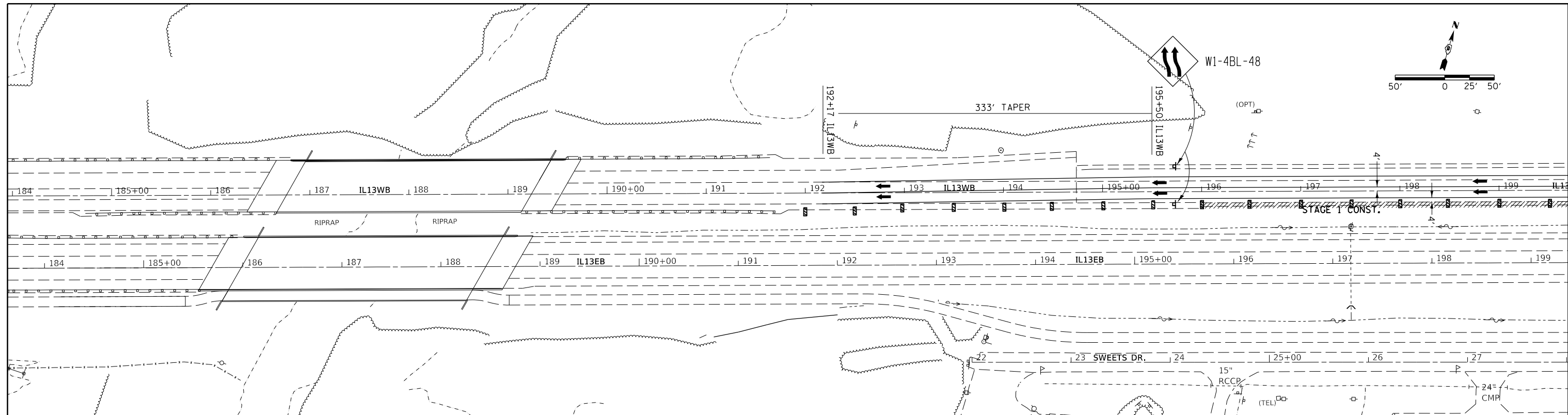
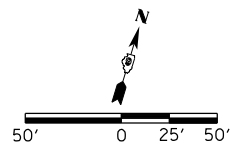
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USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION STAGING LAYOUT</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	61
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

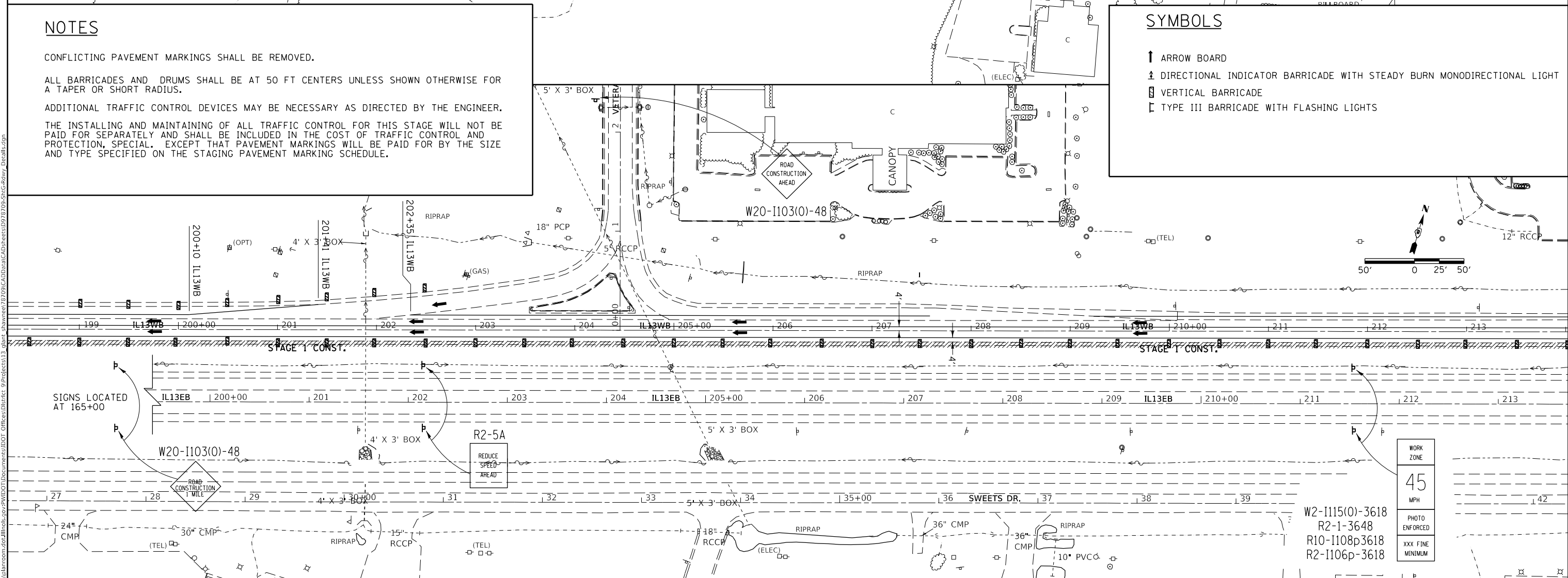
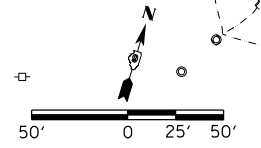
ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

THE INSTALLING AND MAINTAINING OF ALL TRAFFIC CONTROL FOR THIS STAGE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL. EXCEPT THAT PAVEMENT MARKINGS WILL BE PAID FOR BY THE SIZE AND TYPE SPECIFIED ON THE STAGING PAVEMENT MARKING SCHEDULE.

**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊞ VERTICAL BARRICADE
- ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS



MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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WORK ZONE
45
MPH
PHOTO ENFORCED
XXX FINE MINIMUM

W2-1115(0)-3618  
 R2-1-3648  
 R10-1108p3618  
 R2-1106p-3618

USER NAME = naasdp	DESIGNED -	REVISED -
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PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

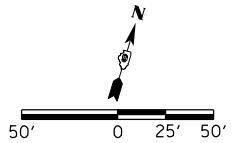
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	62
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





W1-4BR-48



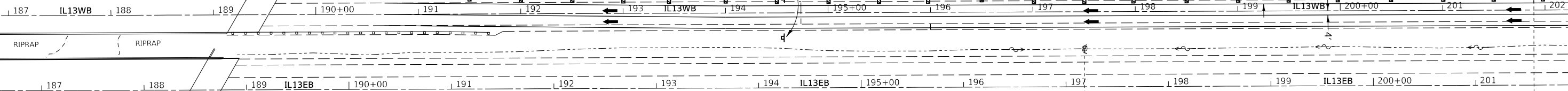
333' TAPER

190+67 IL13WB

194+00 IL13WB

STAGE 2 CONST.

STAGE 2 CONST.



**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

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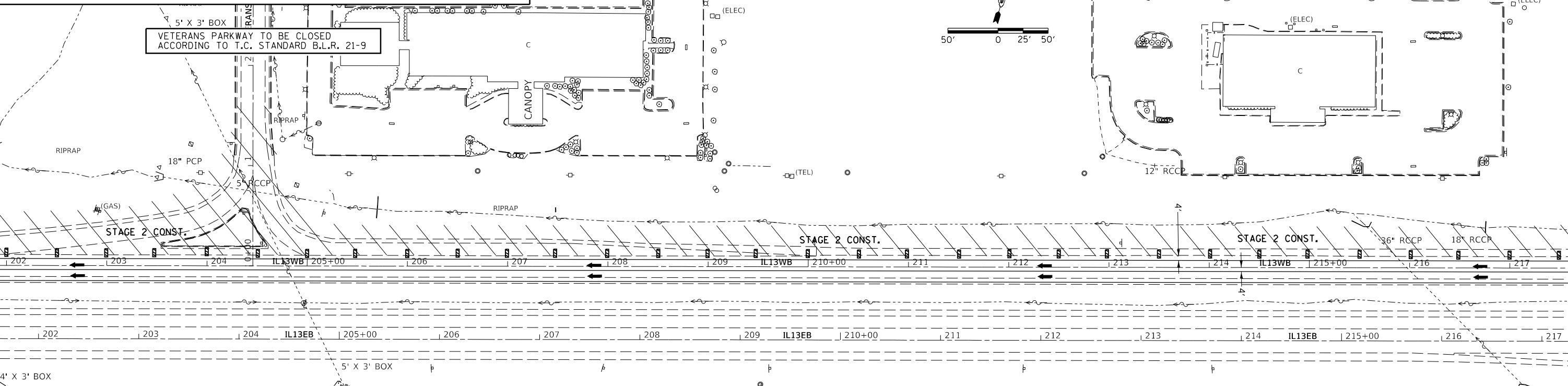
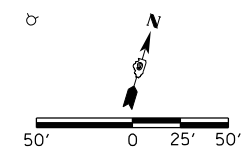
**SYMBOLS**

- ↑ ARROW BOARD
- ⚡ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▣ VERTICAL BARRICADE
- ⌌ TYPE III BARRICADE WITH FLASHING LIGHTS

VETERANS PARKWAY TO BE CLOSED ACCORDING TO T.C. STANDARD B.L.R. 21-9

CANOPY

23 SWEETS DR.



MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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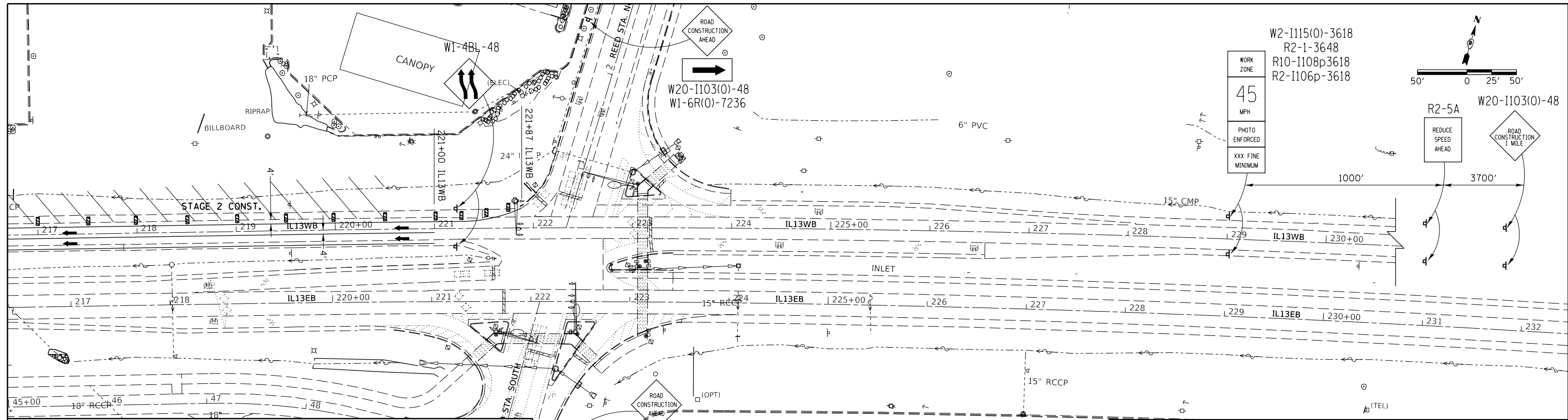
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	64
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

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**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊞ VERTICAL BARRICADE
- ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

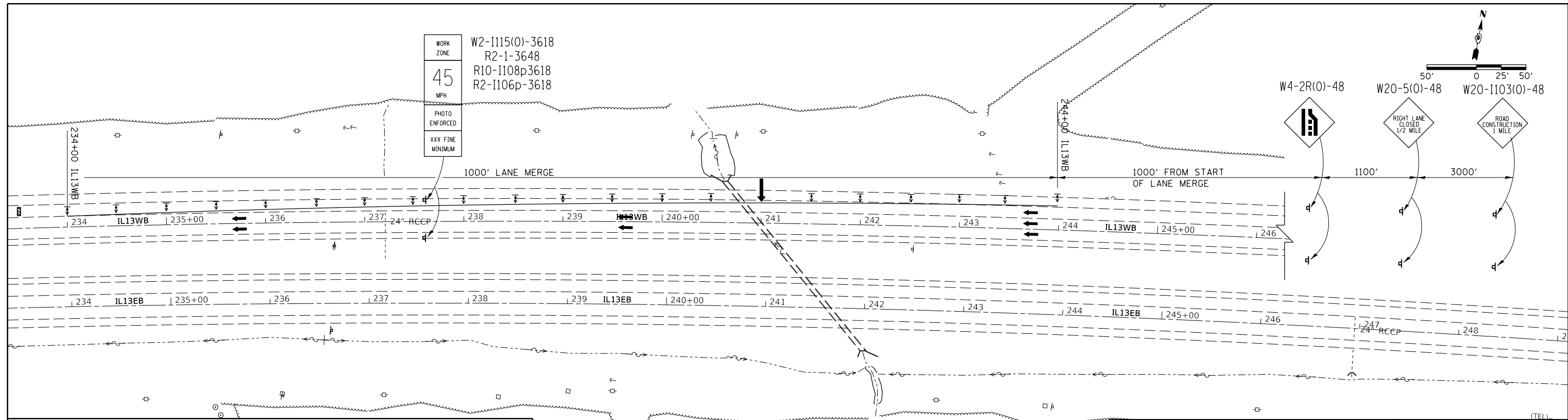
**STAGE 2 PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	65
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				







WORK ZONE  
 W2-I115(0)-3618  
 R2-1-3648  
 R10-I108p3618  
 R2-I106p-3618

45  
 MPH

PHOTO ENFORCED  
 XXX FINE  
 MINIMUM

W4-2R(0)-48  
 W20-5(0)-48  
 W20-I103(0)-48

**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

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**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⊞ VERTICAL BARRICADE
- ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL STAGING PAVMT MKY SHEETS (60 SCALE)  
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PLOT DATE = 3/17/2020	DATE -	REVISED -

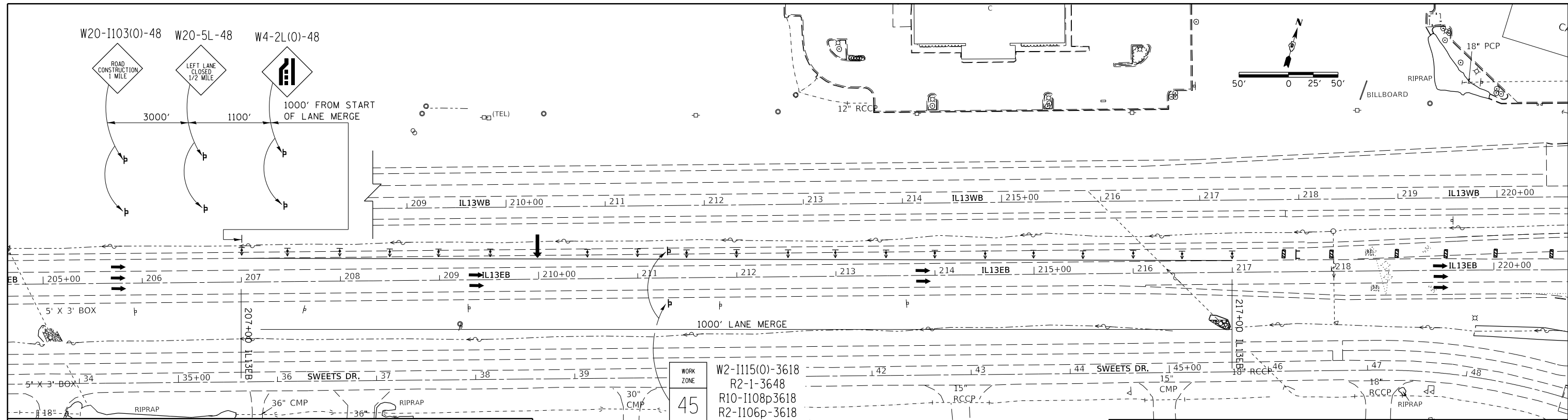
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGING 4 PVMNT MARRK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	68
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

MODEL STAGING PVMNT MKR SHEETS (60 SCALE)  
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**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.  
 ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.  
 ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.  
 THE INSTALLING AND MAINTAINING OF ALL TRAFFIC CONTROL FOR THIS STAGE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL. EXCEPT THAT PAVEMENT MARKINGS WILL BE PAID FOR BY THE SIZE AND TYPE SPECIFIED ON THE STAGING PAVEMENT MARKING SCHEDULE.

**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▣ VERTICAL BARRICADE
- ▤ TYPE III BARRICADE WITH FLASHING LIGHTS

WORK ZONE  
 45  
 MPH  
 PHOTO ENFORCED  
 XXX FINE MINIMUM

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STAGING 5 PVMNT MARRK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	69
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

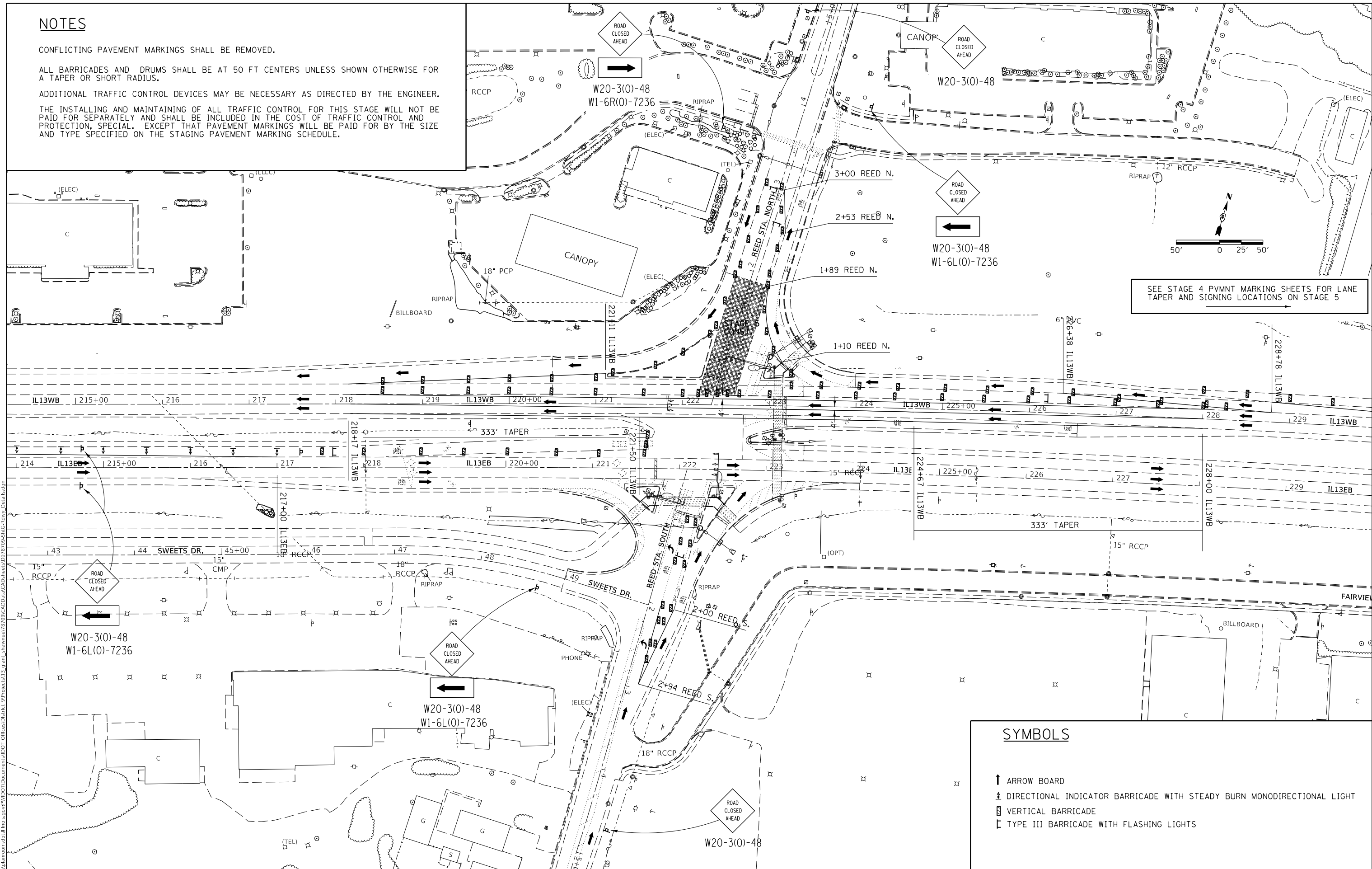
# NOTES

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

THE INSTALLING AND MAINTAINING OF ALL TRAFFIC CONTROL FOR THIS STAGE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL. EXCEPT THAT PAVEMENT MARKINGS WILL BE PAID FOR BY THE SIZE AND TYPE SPECIFIED ON THE STAGING PAVEMENT MARKING SCHEDULE.



SEE STAGE 4 PVMNT MARKING SHEETS FOR LANE TAPER AND SIGNING LOCATIONS ON STAGE 5

# SYMBOLS

- ↑ ARROW BOARD
- ⚡ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▮ VERTICAL BARRICADE
- ⌜ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL STAGING PAVMT MARR SHEETS (60 SCALE)  
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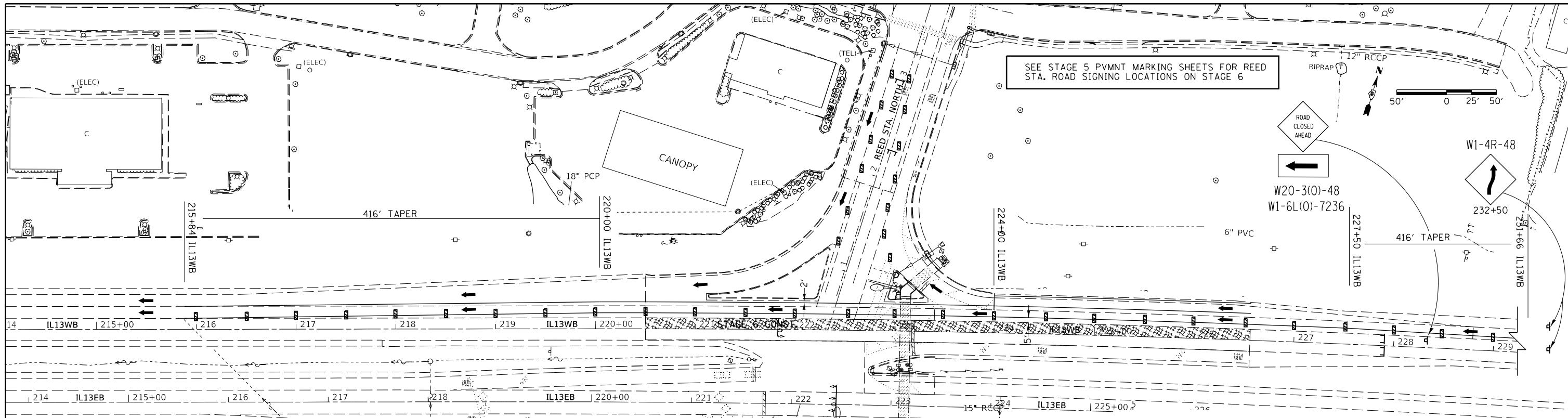
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## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

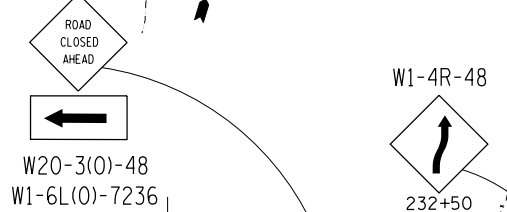
### STAGING 5 PVMNT MARRK

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	70
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



SEE STAGE 5 PVMNT MARKING SHEETS FOR REED STA. ROAD SIGNING LOCATIONS ON STAGE 6



**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED TO THE SATISFACTION OF THE ENGINEER.

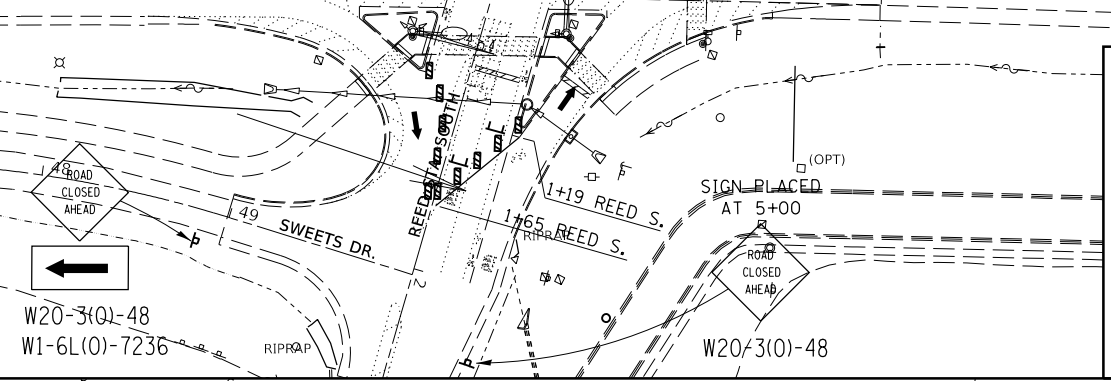
ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

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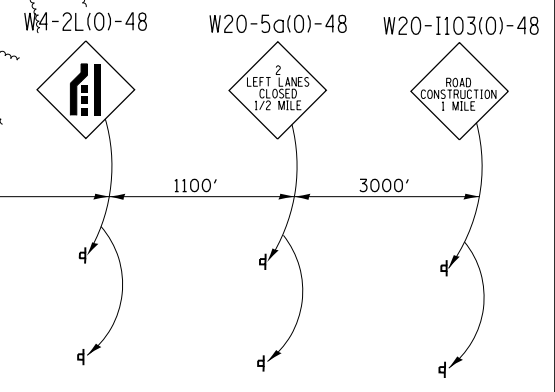
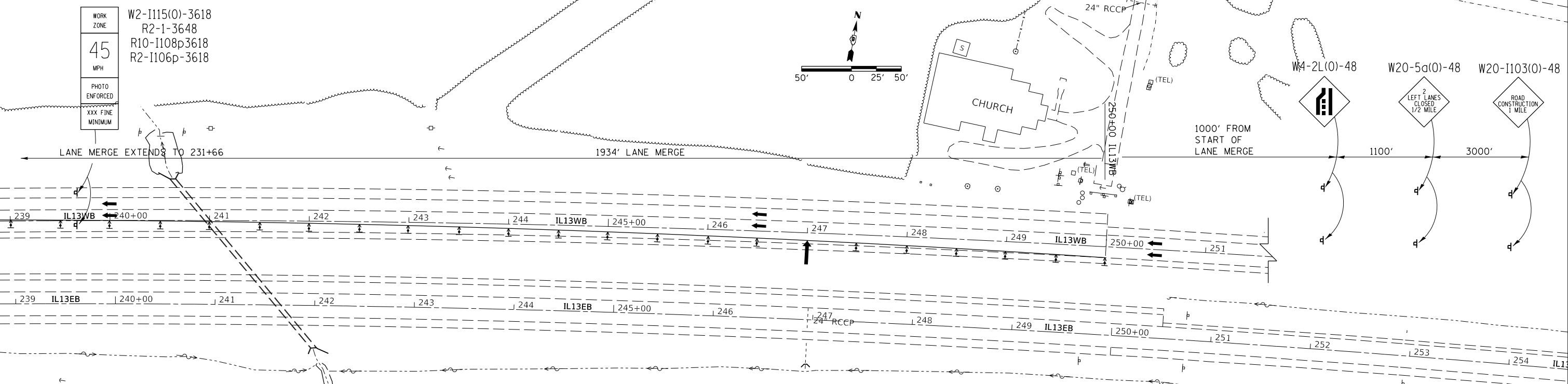
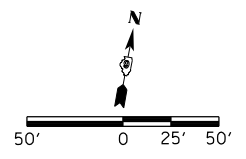
**SYMBOLS**

- ↑ ARROW BOARD
- ⚡ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▤ VERTICAL BARRICADE
- ▤ TYPE III BARRICADE WITH FLASHING LIGHTS



WORK ZONE  
45 MPH  
PHOTO ENFORCED  
XXX FINE MINIMUM

W2-I115(0)-3618  
R2-1-3648  
R10-I108p3618  
R2-I106p-3618



MODEL STAGING PVMNT MKS SHEETS (60 SCALE)  
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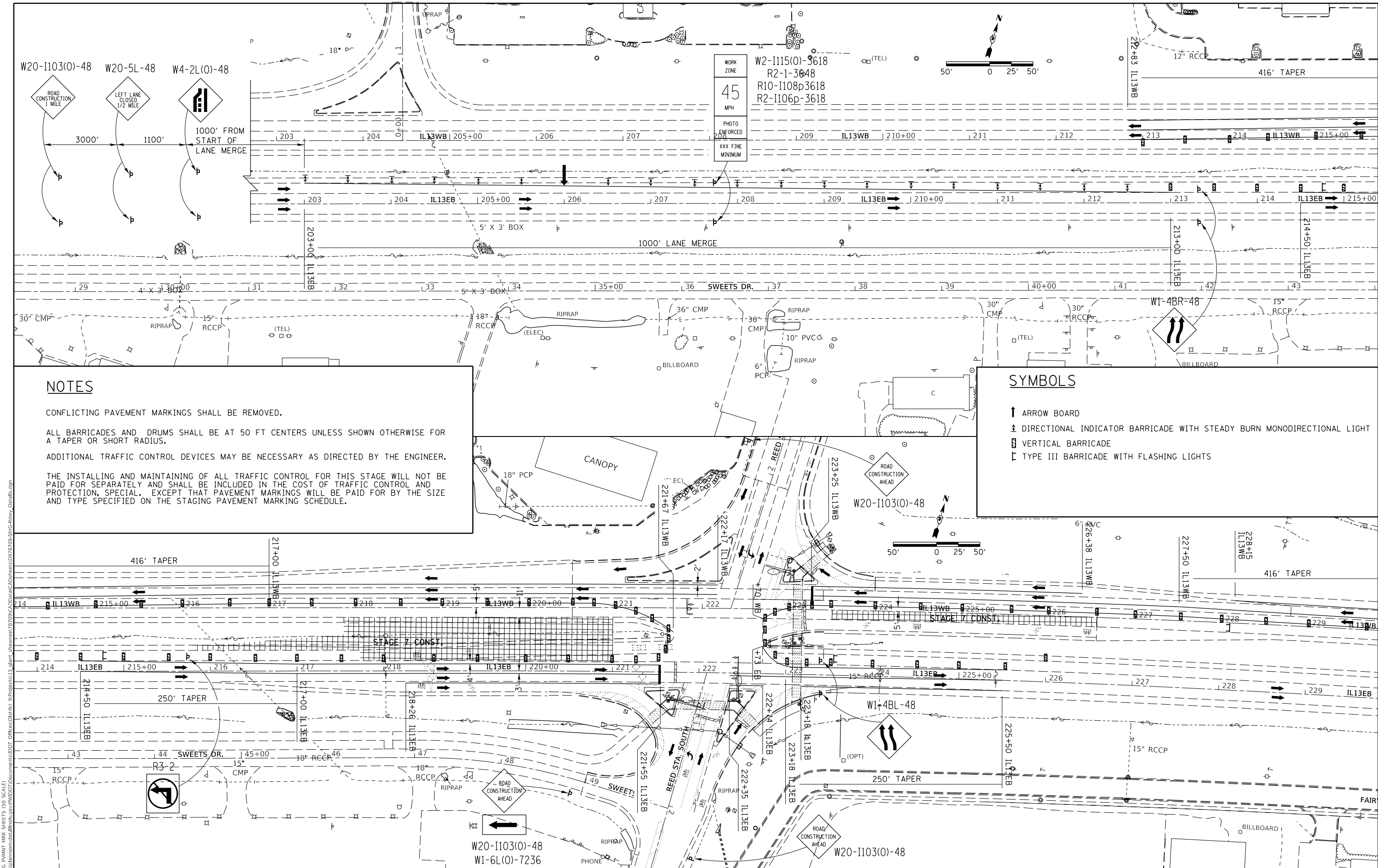
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DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGING 6 PVMNT MARRK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (5-3)R-2,N-2,TS-1	COUNTY JACKSON	TOTAL SHEETS 212	SHEET NO. 71
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

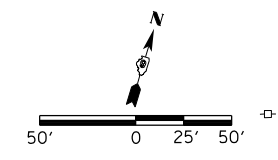
ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

THE INSTALLING AND MAINTAINING OF ALL TRAFFIC CONTROL FOR THIS STAGE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL. EXCEPT THAT PAVEMENT MARKINGS WILL BE PAID FOR BY THE SIZE AND TYPE SPECIFIED ON THE STAGING PAVEMENT MARKING SCHEDULE.

**SYMBOLS**

- ↑ ARROW BOARD
- ↕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▮ VERTICAL BARRICADE
- ⊓ TYPE III BARRICADE WITH FLASHING LIGHTS

WORK ZONE  
 45 MPH  
 PHOTO ENFORCED  
 208 XXX FINE MINIMUM



USER NAME	= naasdp
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DRAWN	-
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PLLOT DATE	= 3/17/2020

DESIGNED	-
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CHECKED	-
REVISD	-
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REVISD	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

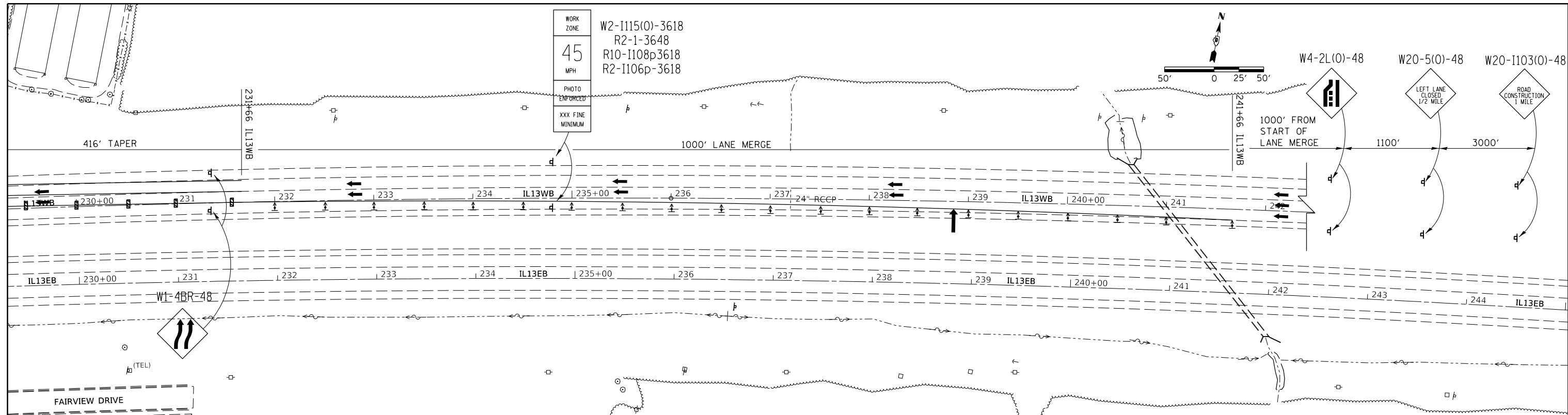
**STAGE 7 PVMNT MARRK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	72
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

ALL BARRICADES AND DRUMS SHALL BE AT 50 FT CENTERS UNLESS SHOWN OTHERWISE FOR A TAPER OR SHORT RADIUS.

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**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▣ VERTICAL BARRICADE
- ⊔ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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	DATE -	REVISED -

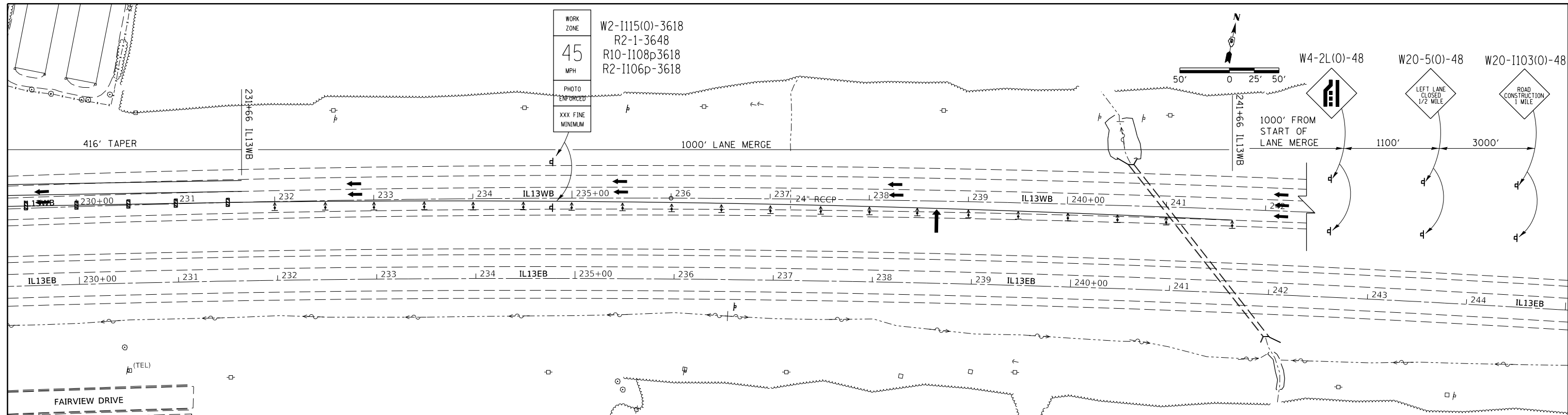
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 7 PVMNT MARRK**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	73
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





WORK ZONE  
 45 MPH  
 PHOTO ENFORCED  
 XXX FINE MINIMUM

W2-I115(0)-3618  
 R2-1-3648  
 R10-I108p3618  
 R2-I106p-3618

**NOTES**

CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

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**SYMBOLS**

- ↑ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ▣ VERTICAL BARRICADE
- ⊔ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL STAGING PAVEMENT MARK SHEETS (60 SCALE)  
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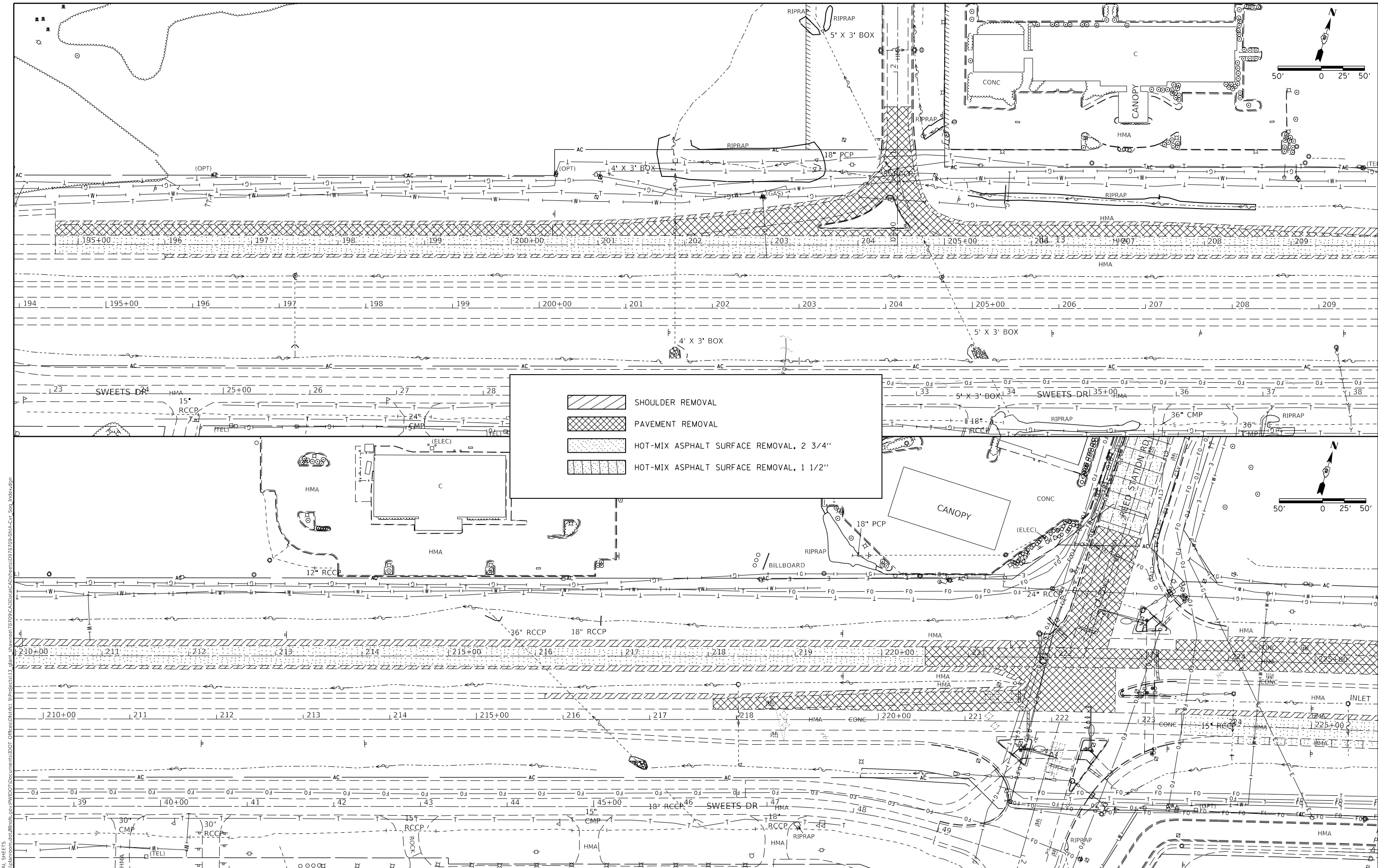
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	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 8 PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	75
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



MODEL: REMOVAL SHEETS  
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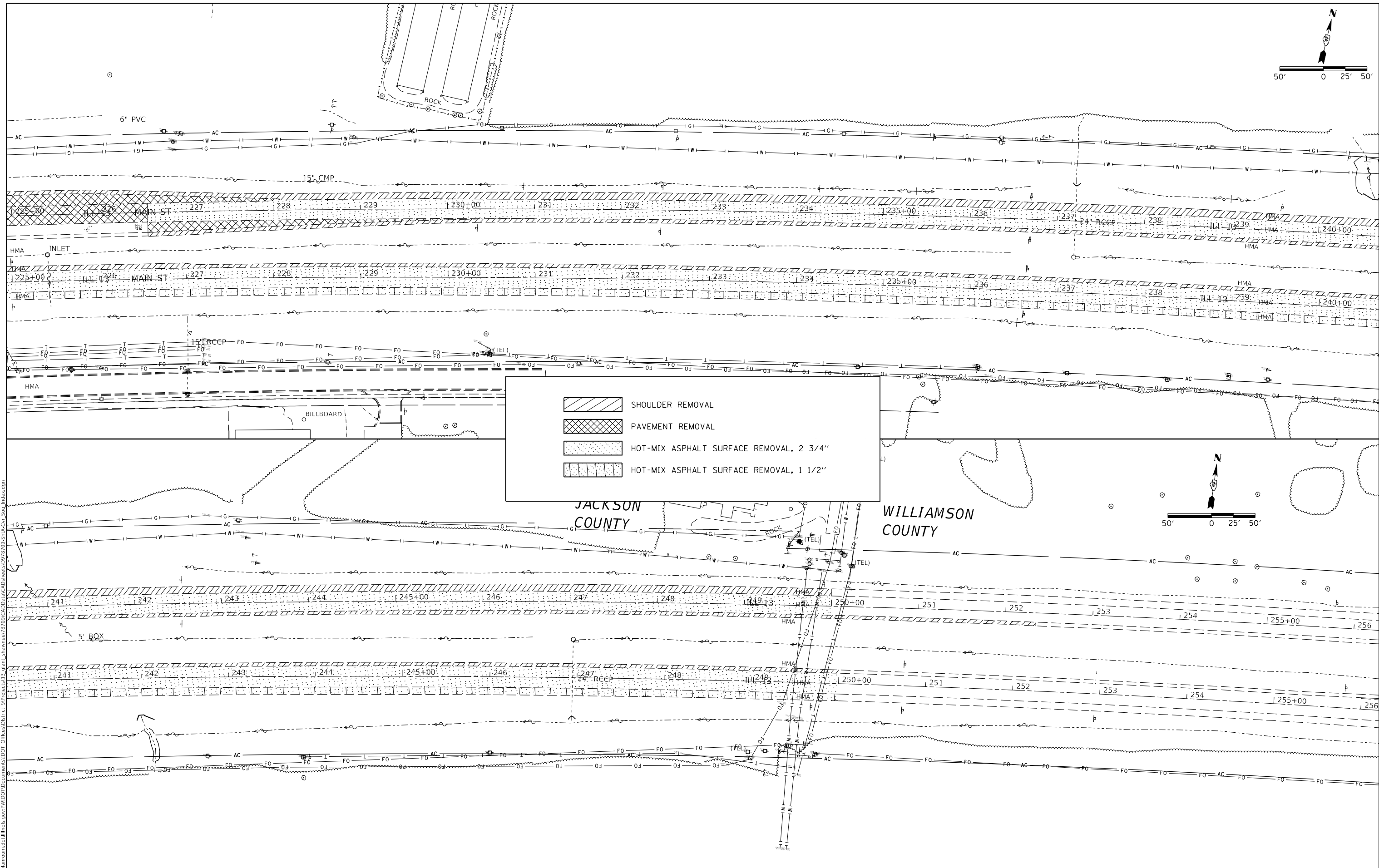
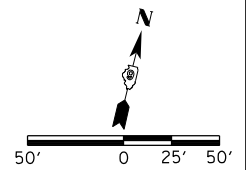
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

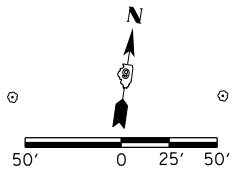
SCALE:		SHEET		OF SHEETS		STA.	TO STA.

**REMOVAL SHEET**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	76
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 78709				



	SHOULDER REMOVAL
	PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"



MODEL: REMOVAL SHEETS  
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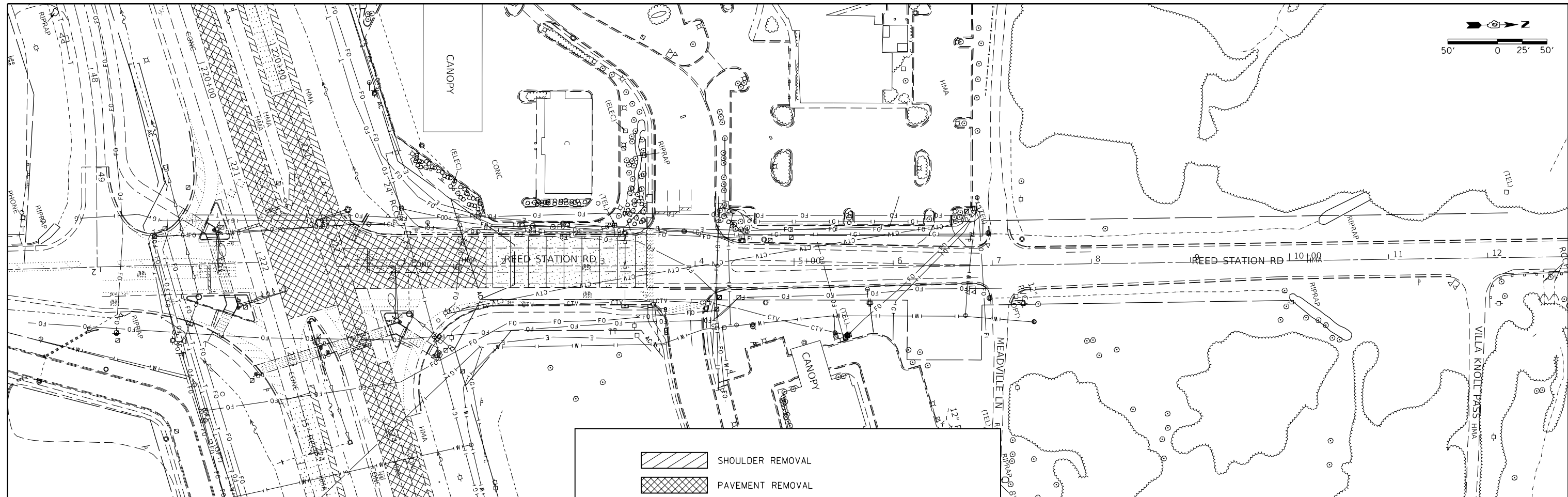
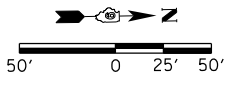
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	DRAWN -	REVISED -
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEET**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	77
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



	SHOULDER REMOVAL
	PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

MODEL: REMOVAL SHEETS  
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USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

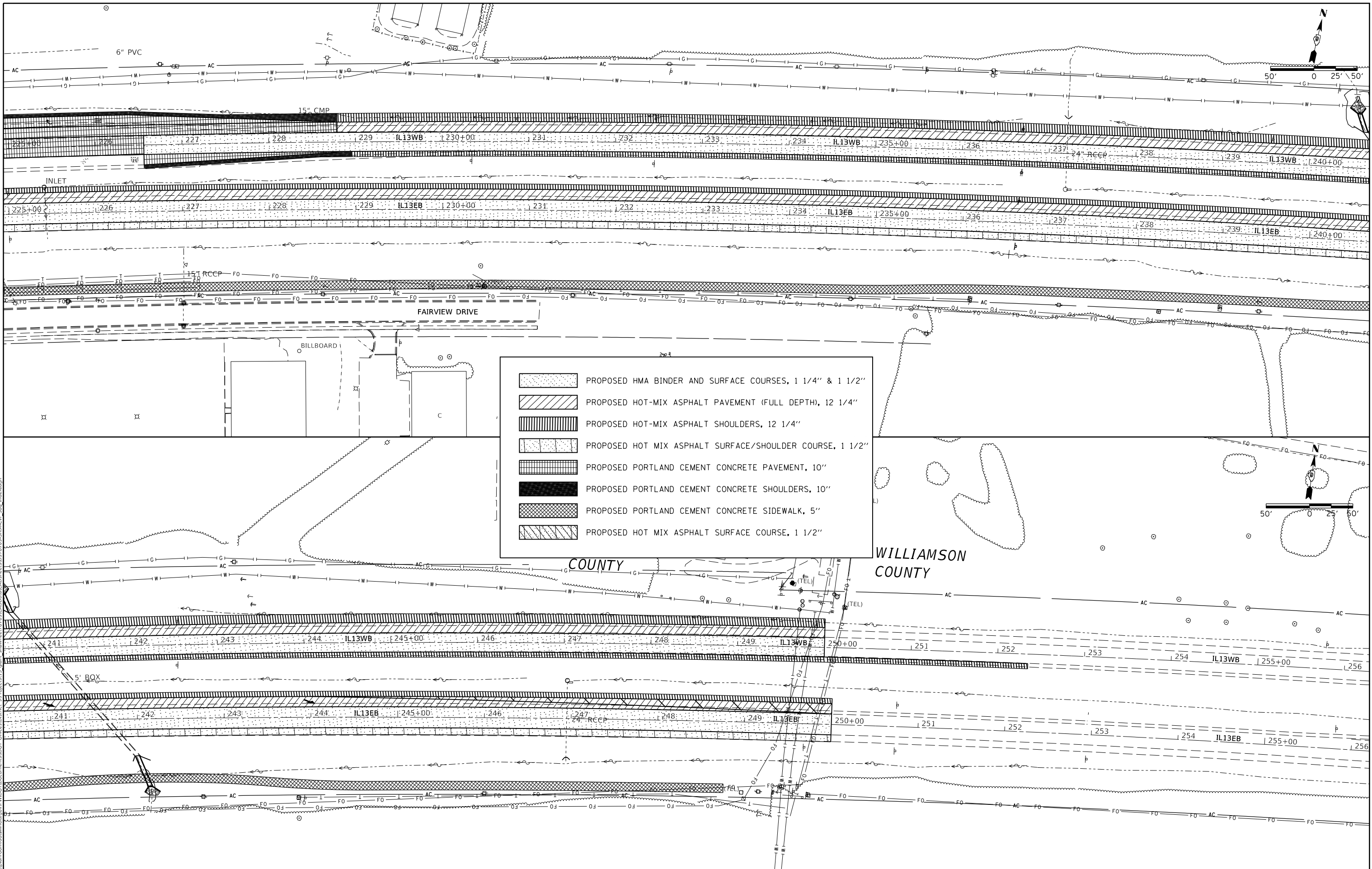
**REMOVAL SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	78
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				







MODEL: CONSTRUCTION SHEETS  
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DRAWN	-	REVISED	-	REVISED	-
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PLOT DATE	= 3/17/2020	DATE	-	REVISED	-

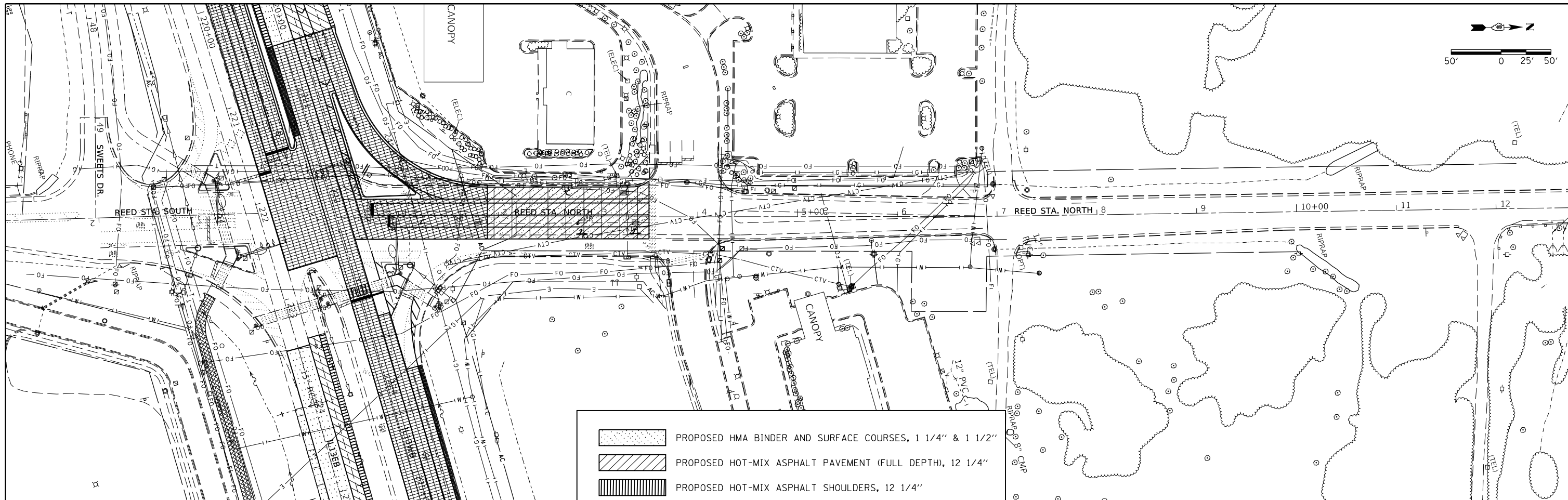
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	80
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





	PROPOSED HMA BINDER AND SURFACE COURSES, 1 1/4" & 1 1/2"
	PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 1/4"
	PROPOSED HOT-MIX ASPHALT SHOULDERS, 12 1/4"
	PROPOSED HOT MIX ASPHALT SURFACE/SHOULDER COURSE, 1 1/2"
	PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 10"
	PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS, 10"
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	PROPOSED HOT MIX ASPHALT SURFACE COURSE, 1 1/2"

MODEL CONSTRUCTION SHEETS  
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USER NAME = naasdp	DESIGNED -	REVISED -
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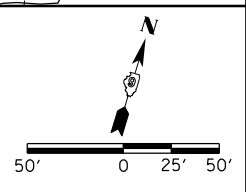
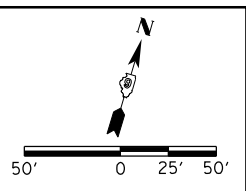
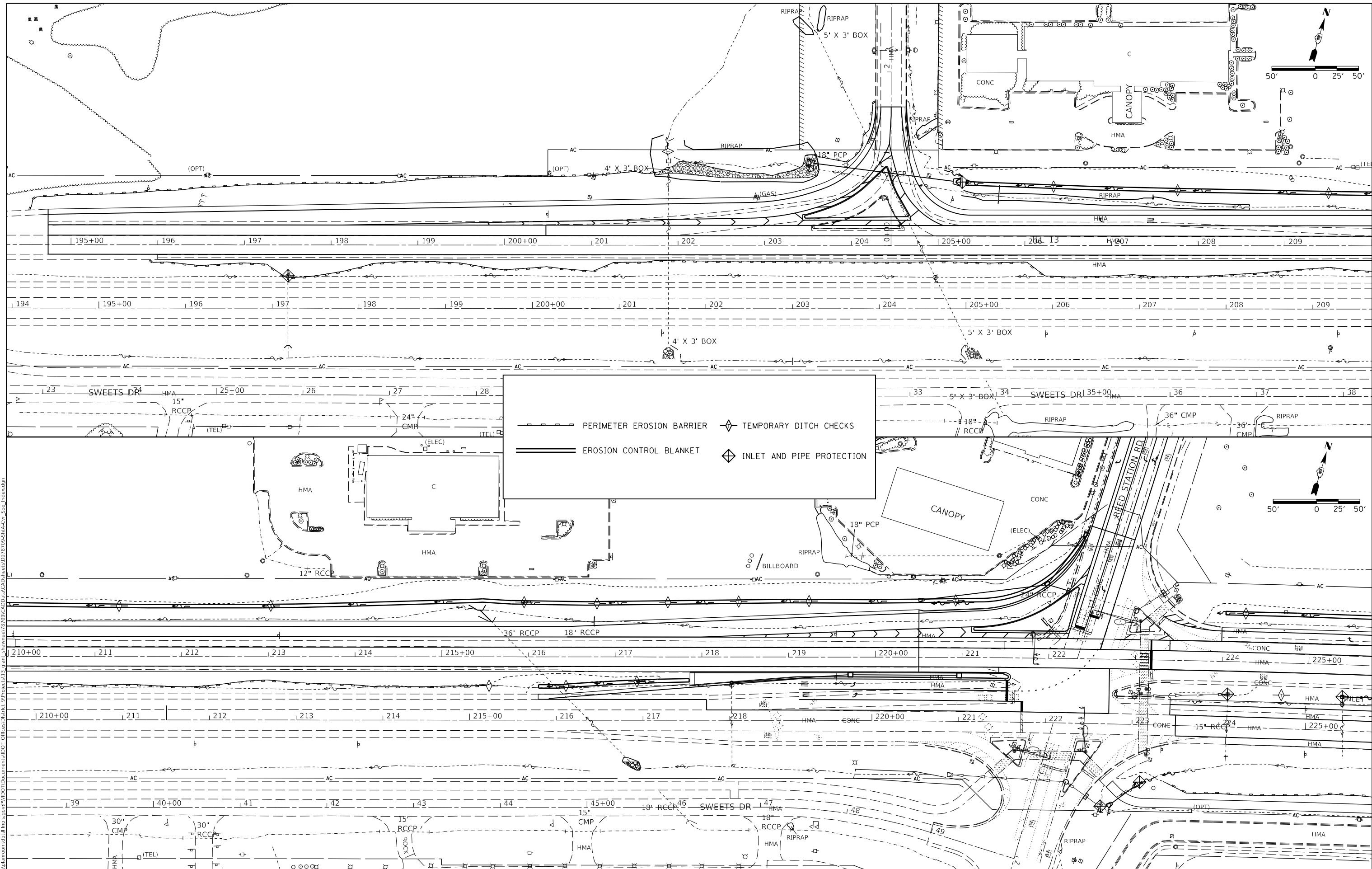
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	81
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 3/17/2020	DATE -	REVISED -

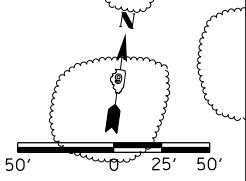
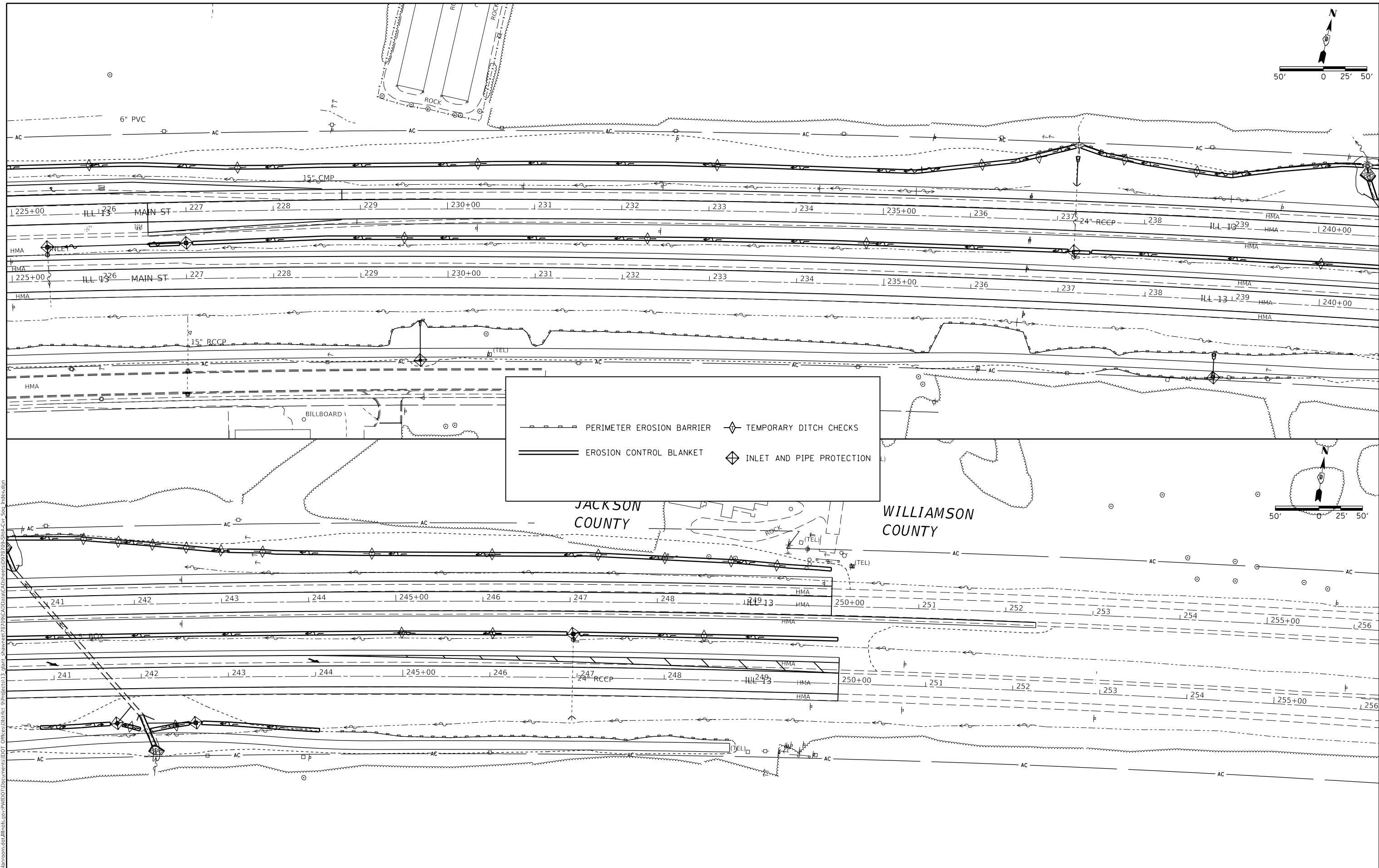
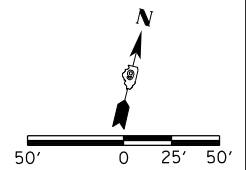
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	82
CONTRACT NO. 78709				

ILLINOIS FED. AID PROJECT



	PERIMETER EROSION BARRIER		TEMPORARY DITCH CHECKS
	EROSION CONTROL BLANKET		INLET AND PIPE PROTECTION

JACKSON COUNTY      WILLIAMSON COUNTY

MODEL: EROSION CONTROL - SHEETS  
 FILE: \\blm\omaha\blm\proj\911\DOT\Documents\DOT - Office\Director - Projects\13 - abart - chawee\727209\CADD\DWG\CAD\Sheet\911\911-209-SHA-Cur\_Seg\_Index.dwg

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEET**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

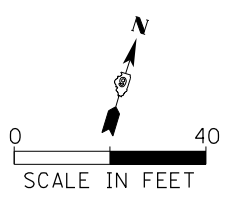
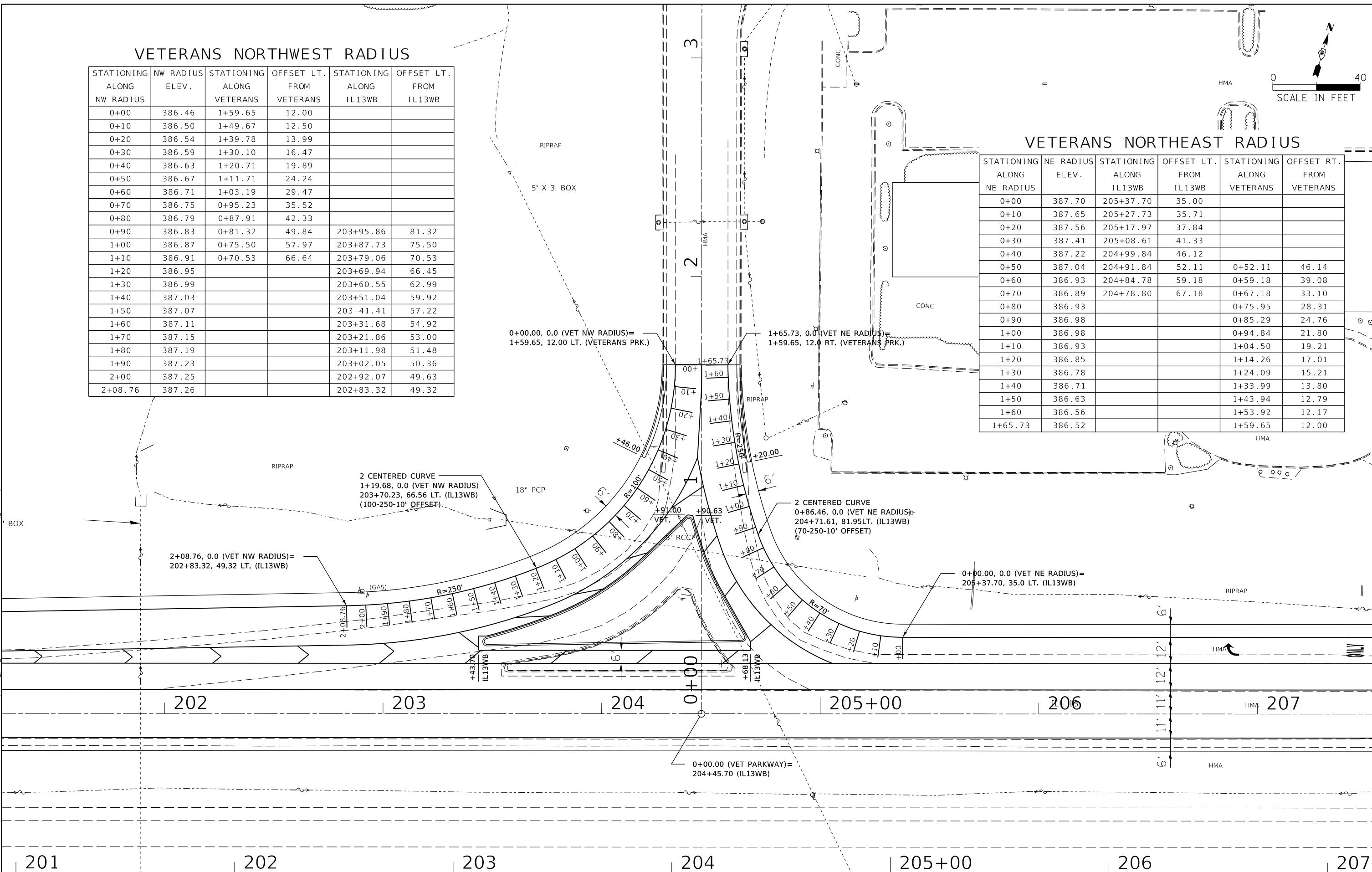
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	83
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

VETERANS NORTHWEST RADIUS

STATIONING ALONG NW RADIUS	NW RADIUS ELEV.	STATIONING ALONG VETERANS	OFFSET LT. FROM VETERANS	STATIONING ALONG IL13WB	OFFSET LT. FROM IL13WB
0+00	386.46	1+59.65	12.00		
0+10	386.50	1+49.67	12.50		
0+20	386.54	1+39.78	13.99		
0+30	386.59	1+30.10	16.47		
0+40	386.63	1+20.71	19.89		
0+50	386.67	1+11.71	24.24		
0+60	386.71	1+03.19	29.47		
0+70	386.75	0+95.23	35.52		
0+80	386.79	0+87.91	42.33		
0+90	386.83	0+81.32	49.84	203+95.86	81.32
1+00	386.87	0+75.50	57.97	203+87.73	75.50
1+10	386.91	0+70.53	66.64	203+79.06	70.53
1+20	386.95			203+69.94	66.45
1+30	386.99			203+60.55	62.99
1+40	387.03			203+51.04	59.92
1+50	387.07			203+41.41	57.22
1+60	387.11			203+31.68	54.92
1+70	387.15			203+21.86	53.00
1+80	387.19			203+11.98	51.48
1+90	387.23			203+02.05	50.36
2+00	387.25			202+92.07	49.63
2+08.76	387.26			202+83.32	49.32

VETERANS NORTHEAST RADIUS

STATIONING ALONG NE RADIUS	NE RADIUS ELEV.	STATIONING ALONG IL13WB	OFFSET LT. FROM IL13WB	STATIONING ALONG VETERANS	OFFSET RT. FROM VETERANS
0+00	387.70	205+37.70	35.00		
0+10	387.65	205+27.73	35.71		
0+20	387.56	205+17.97	37.84		
0+30	387.41	205+08.61	41.33		
0+40	387.22	204+99.84	46.12		
0+50	387.04	204+91.84	52.11	0+52.11	46.14
0+60	386.93	204+84.78	59.18	0+59.18	39.08
0+70	386.89	204+78.80	67.18	0+67.18	33.10
0+80	386.93			0+75.95	28.31
0+90	386.98			0+85.29	24.76
1+00	386.98			0+94.84	21.80
1+10	386.93			1+04.50	19.21
1+20	386.85			1+14.26	17.01
1+30	386.78			1+24.09	15.21
1+40	386.71			1+33.99	13.80
1+50	386.63			1+43.94	12.79
1+60	386.56			1+53.92	12.17
1+65.73	386.52			1+59.65	12.00



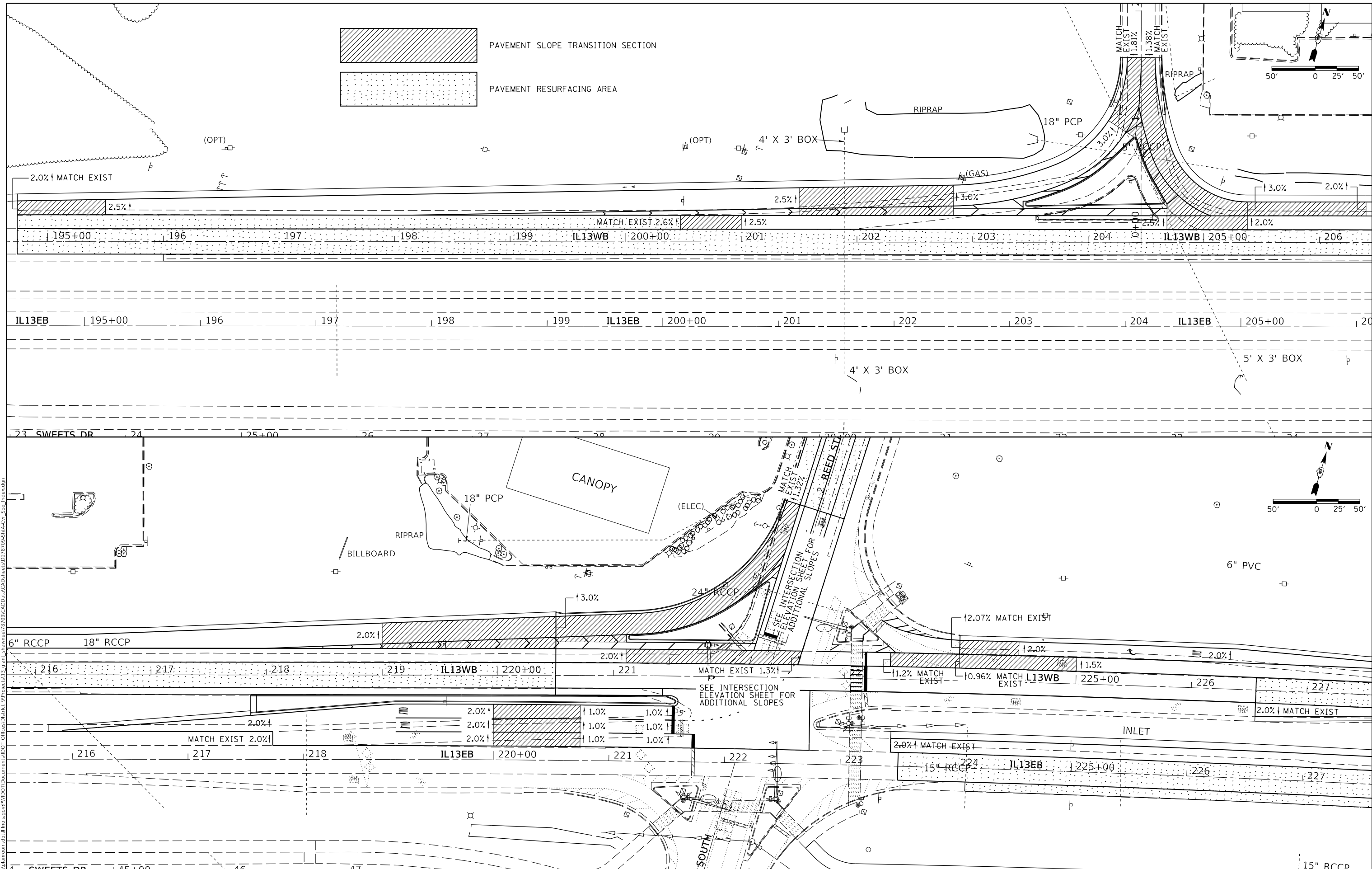
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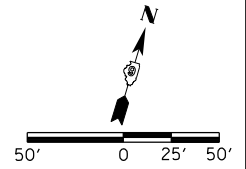
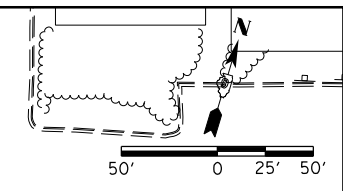








 PAVEMENT SLOPE TRANSITION SECTION  
 PAVEMENT RESURFACING AREA



MODEL: PAVINT\_SLOPES  
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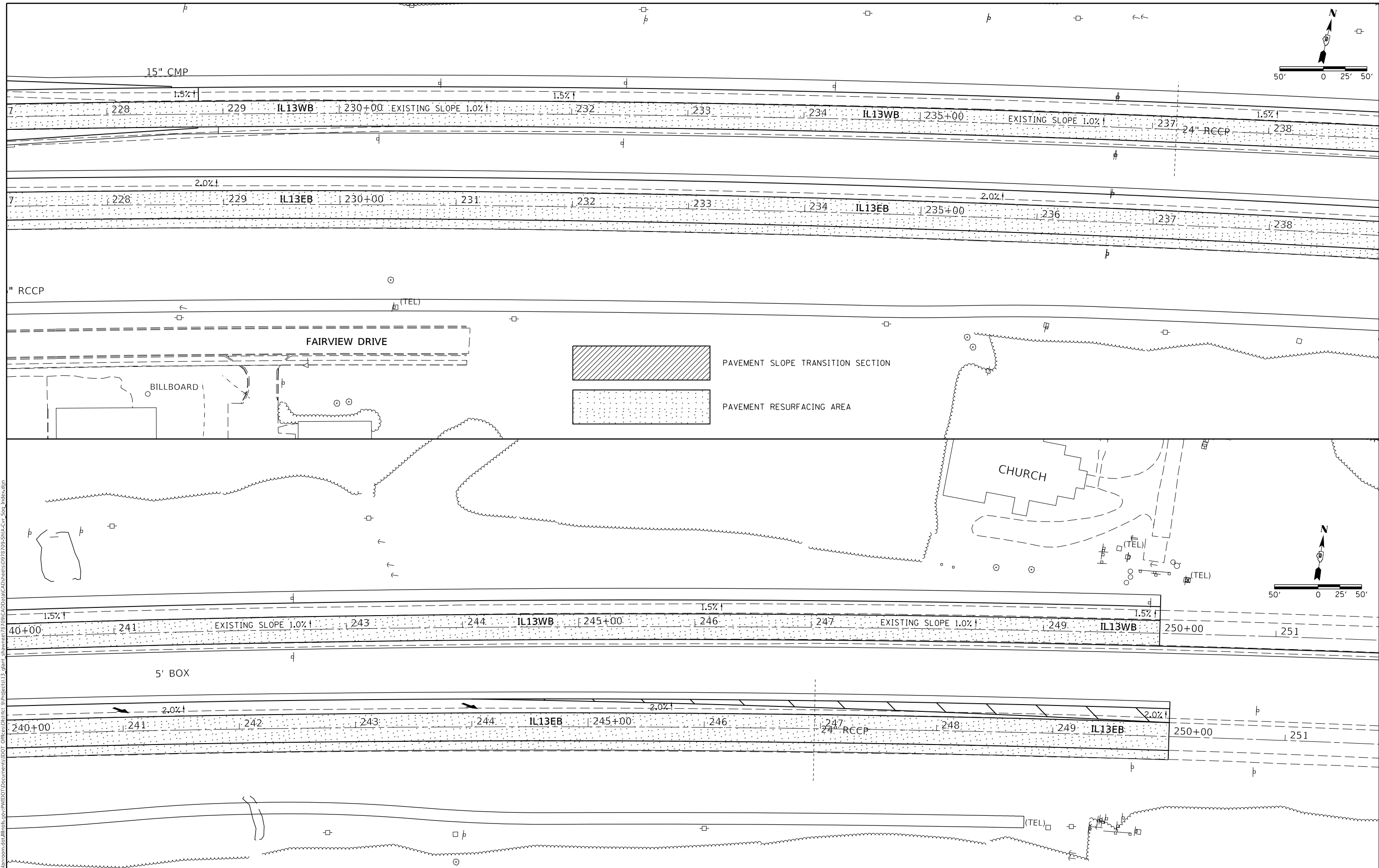
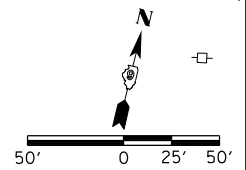
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PLOT DATE	= 3/17/2020	DATE	-	REVISION	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PAVEMENT CROSS SLOPE TRANSITION LAYOUT					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	88
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				





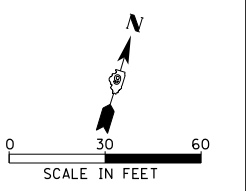
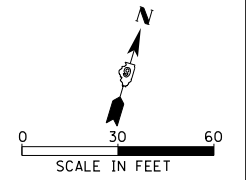
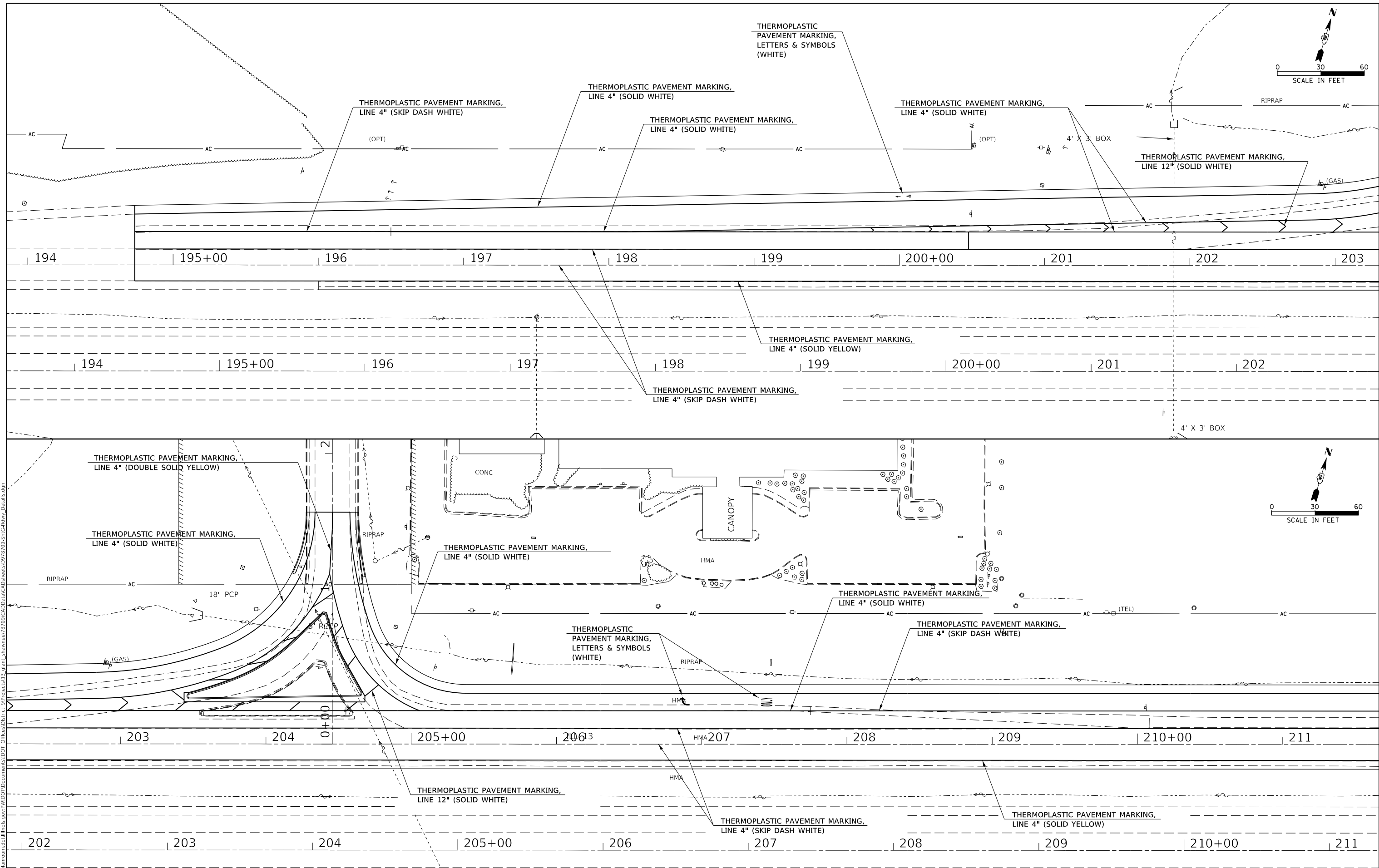
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT CROSS SLOPE TRANSITION LAYOUT</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	89
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



MODEL: PAVEMENT MARKING SHEET (D0 - SCALE)  
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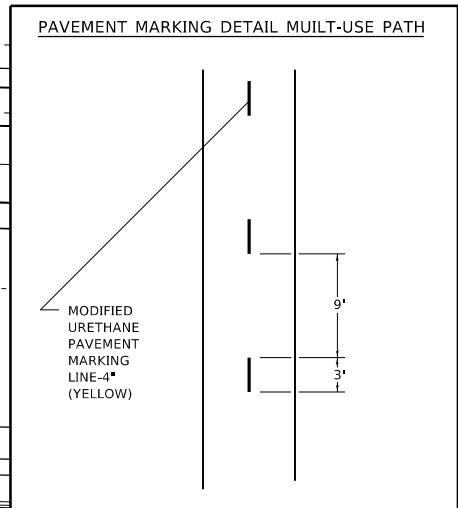
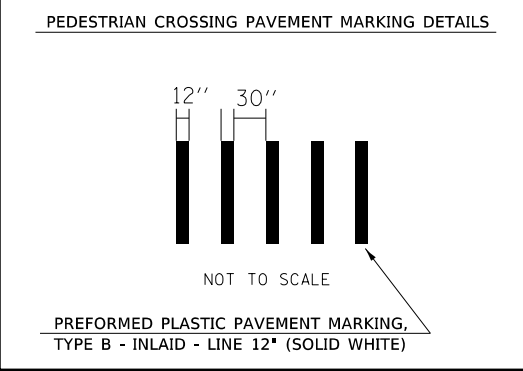
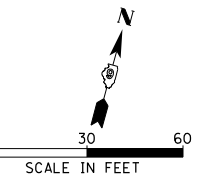
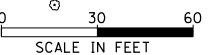
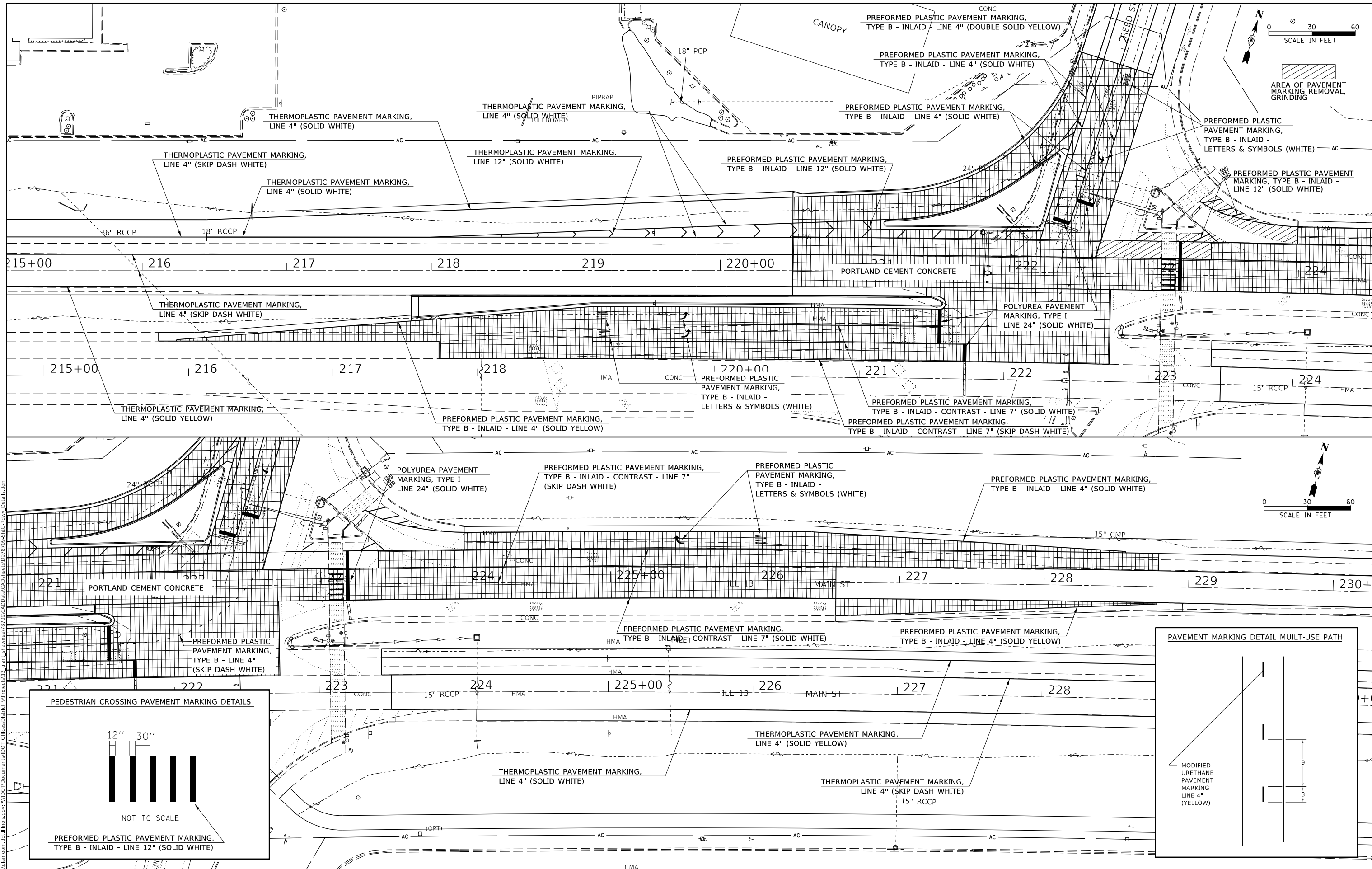
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE:      SHEET    OF    SHEETS    STA.                TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	90
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				



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DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

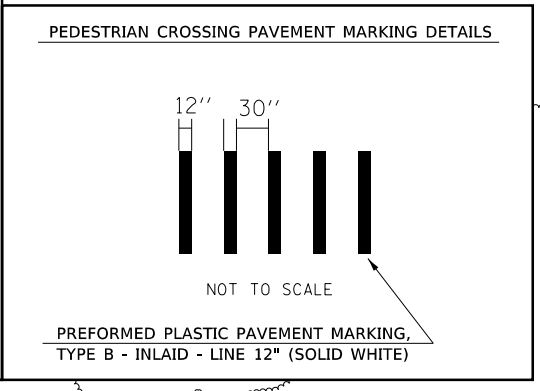
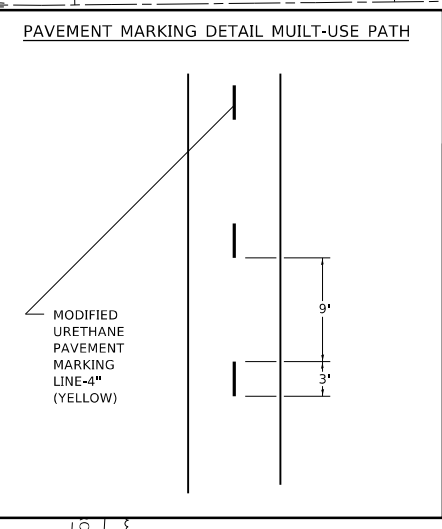
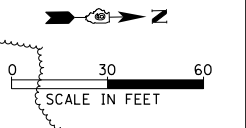
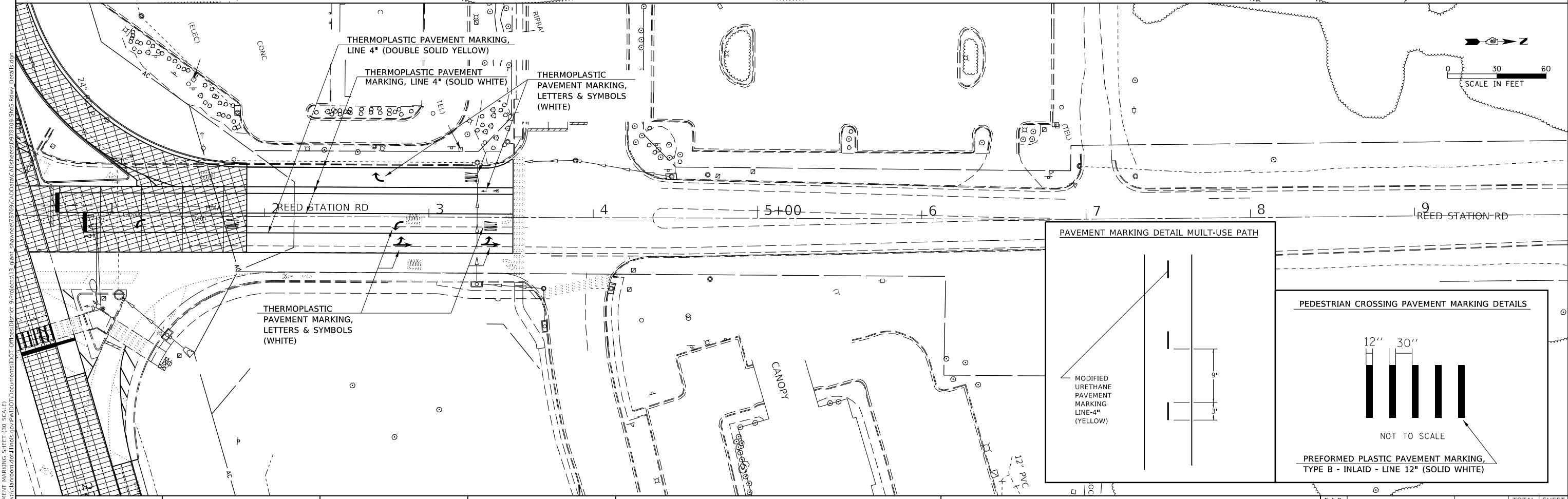
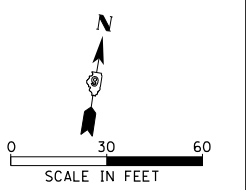
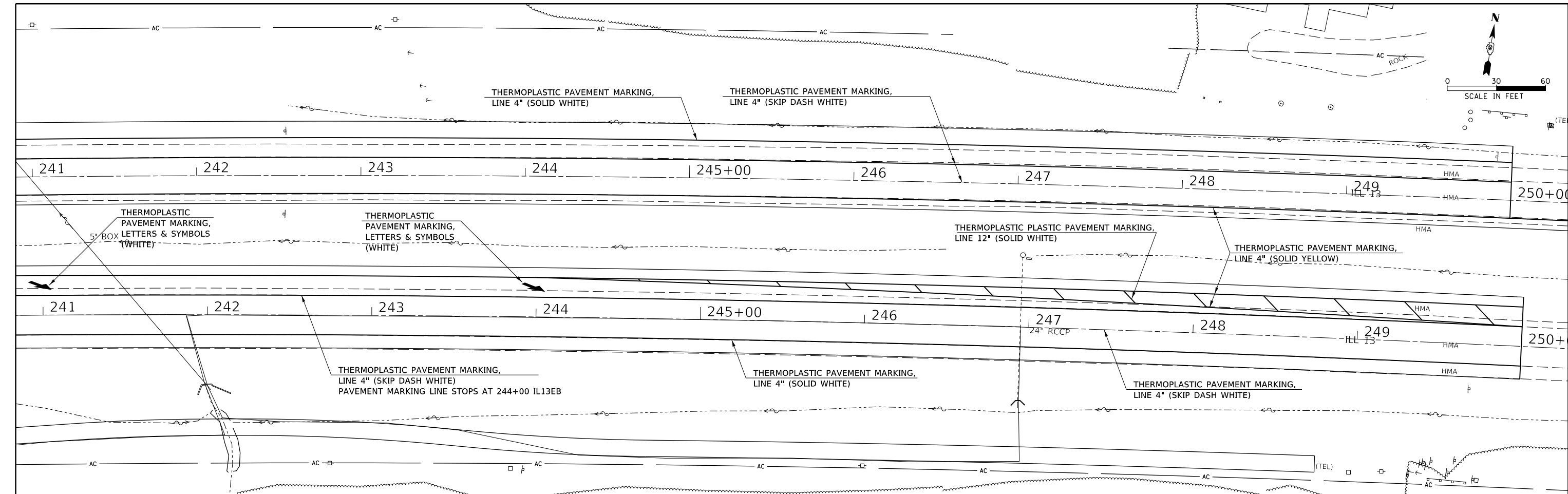
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	91
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

MODEL: PAVEMENT MARKING SHEET (00 - SCALE)  
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MODEL PAVEMENT MARKING SHEET (30" SCALE)  
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	DRAWN -	REVISED -
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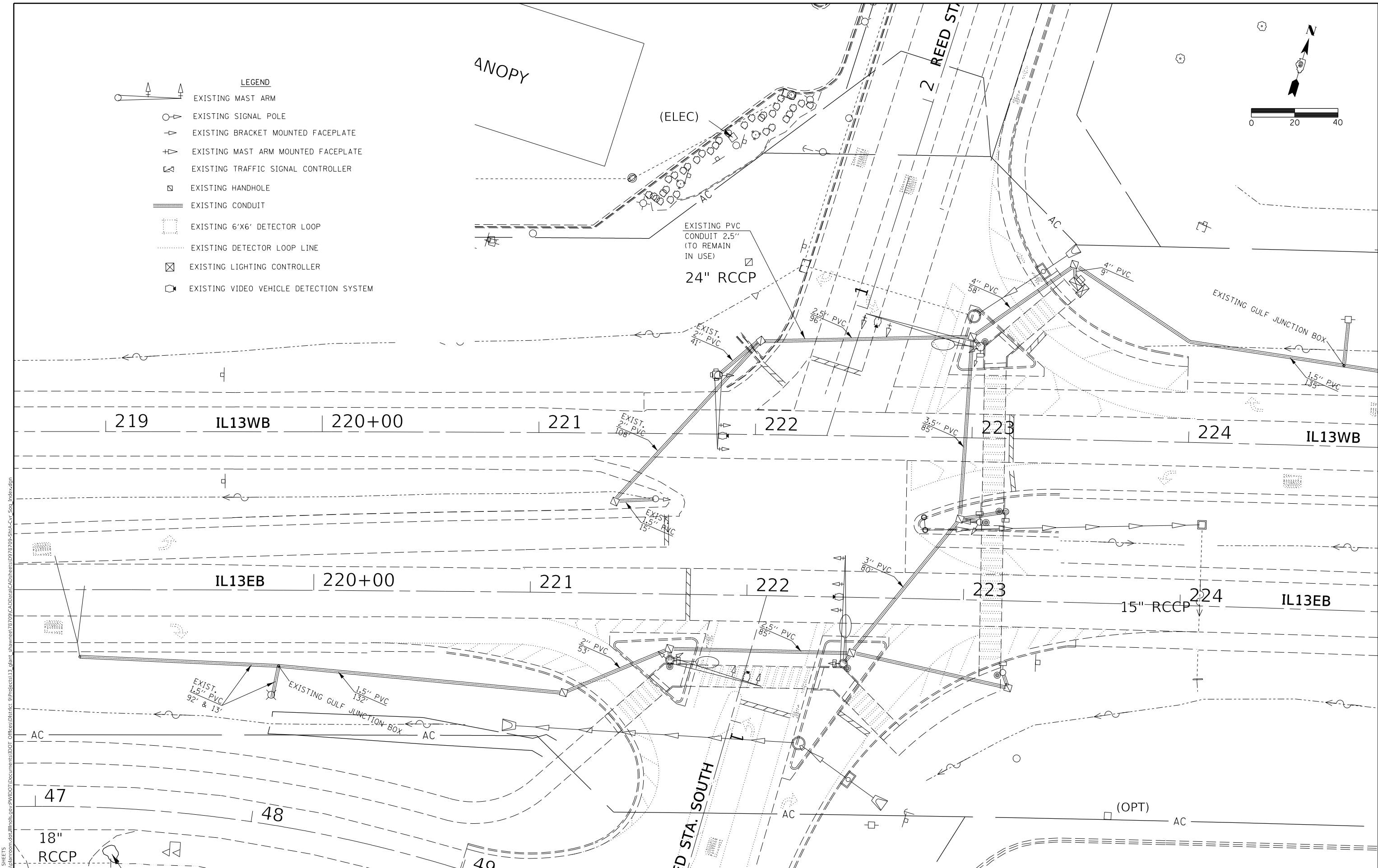
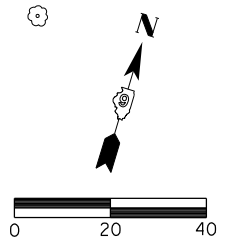
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	92
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- EXISTING MAST ARM
  - EXISTING SIGNAL POLE
  - EXISTING BRACKET MOUNTED FACEPLATE
  - EXISTING MAST ARM MOUNTED FACEPLATE
  - EXISTING TRAFFIC SIGNAL CONTROLLER
  - EXISTING HANDHOLE
  - EXISTING CONDUIT
  - EXISTING 6'x6' DETECTOR LOOP
  - EXISTING DETECTOR LOOP LINE
  - EXISTING LIGHTING CONTROLLER
  - EXISTING VIDEO VEHICLE DETECTION SYSTEM



MODEL SIGNAL SHEETS  
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PLOT DATE = 3/17/2020	DATE -	REVISED -

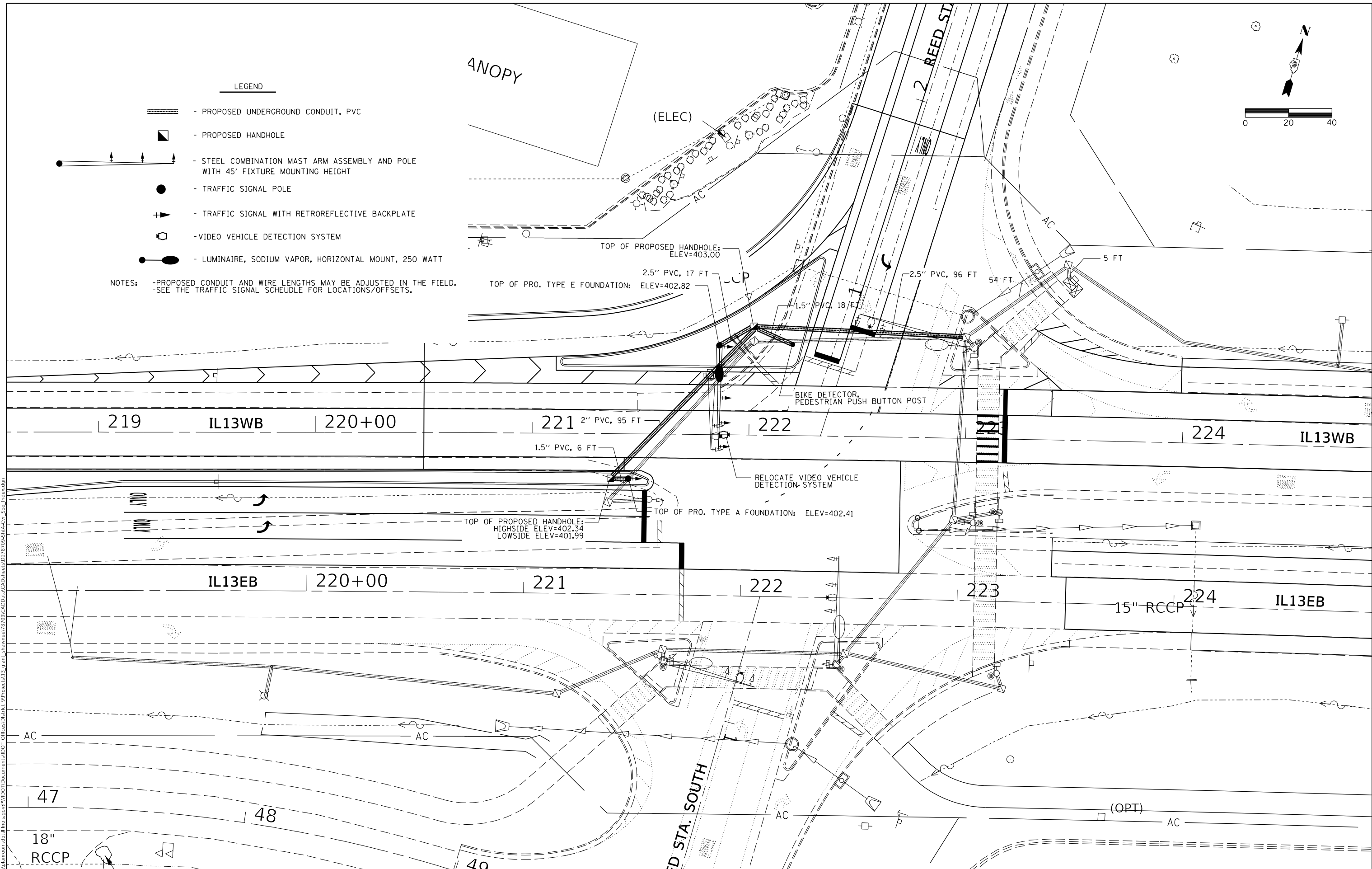
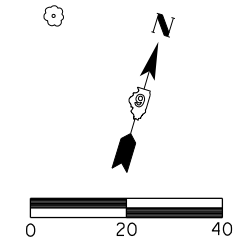
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TRAFFIC SIGNALS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	93
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

- LEGEND**
- PROPOSED UNDERGROUND CONDUIT, PVC
  - PROPOSED HANDHOLE
  - STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH 45° FIXTURE MOUNTING HEIGHT
  - TRAFFIC SIGNAL POLE
  - TRAFFIC SIGNAL WITH RETROREFLECTIVE BACKPLATE
  - VIDEO VEHICLE DETECTION SYSTEM
  - LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT

**NOTES:** -PROPOSED CONDUIT AND WIRE LENGTHS MAY BE ADJUSTED IN THE FIELD.  
 -SEE THE TRAFFIC SIGNAL SCHEDULE FOR LOCATIONS/OFFSETS.



MODEL SIGNAL SHEETS  
 FILE NAME: p:\mtdm\pdm\at\links\pvc\p\ddot\Documents\DOT Offices\District 9\Projects\13\_albert\_chakane\727209\CADD\3d\CAD\Sheet\0727209\_ShtA\_Cur\_Seg\_Index.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNALS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	94
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

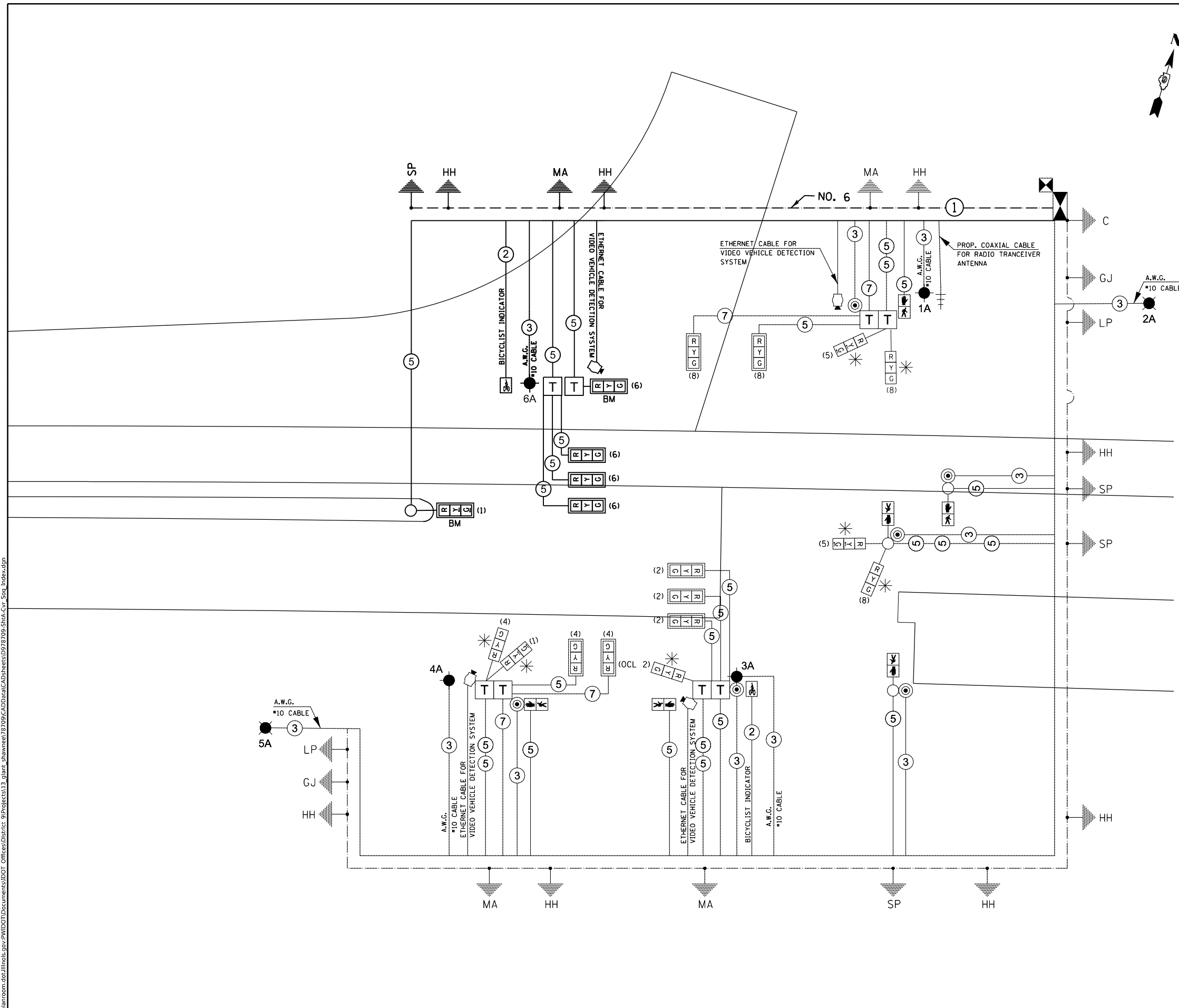


**NOTES**

ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.  
 ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.  
 ALL SIGNAL LENSES SHALL BE 12 INCHES.  
 THE EXISTING VIDEO VEHICLE DETECTION SYSTEM LOCATED IN THE NW QUADRANT IS TO BE RELOCATED ON THE PROPOSED NW QUADRANT TRAFFIC SIGNAL.

**LEGEND**

- SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, MAST ARM MOUNTED (W/ TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE)
- (TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE) TO BE INSTALLED ON EXISTING TRAFFIC SIGNAL.
- SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED (W/ TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE)
- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- CYCLIST INDICATOR
- MOTION AND DETECTION SENSOR TO BE PAID FOR AS RADAR VEHICLE DETECTION SYSTEM
- TERMINAL BLOCK (SEE SPECIAL PROVISIONS).
- SINGLE LUMINAIRE, NUMBER INDICATED ON DRAWING DENOTES FIXTURE NUMBER
- 12" TRAFFIC SIGNAL SECTION, LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- NUMBER IN PARENTHESIS INDICATES PHASE
- MA - MAST ARM
- HH - HANDHOLE
- SP - SIGNAL POLE
- LP - LIGHT POLE
- GJ - GULF JUNCTION BOX



MODEL: SIGNAL SHEETS  
 FILE NAME: P:\p\shimomama.datal\links\gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\13\_giant\_chawnee\72709\CADD\Drawings\Drawings\72709\_ShrdA\_Cur\_Seg\_Index.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>WIRING DIAGRAM</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		331	(5-3)R-2,N-2,TS-1	JACKSON	212	95
SCALE:		SHEET OF SHEETS		STA.	TO STA.	

CONTRACT NO. 78709	
ILLINOIS	FED. AID PROJECT

# WIRING DIAGRAM FOR LIGHTING



## NOTES:

- FOR SIZE AND TYPE OF CABLE USED FOR LIGHTING INSTALLATION SEE CABLE DIAGRAM SHEET.

## LEGEND FOR WIRING DIAGRAM

**HH** INDICATES PROPOSED TRAFFIC SIGNAL HANDHOLE.

**NOTE:** THE SIGNAL CONDUIT SYSTEM SHALL BE UTILIZED TO INSTALL WIRING FOR ALL THE PROPOSED LIGHTING SYSTEM. A LIGHTING CONDUIT SHALL BE INSTALLED BETWEEN THE LIGHTING CONTROLLER AND THE TRAFFIC SIGNAL CONTROLLER. THIS SHALL BE COVERED UNDER PAY ITEM "87301815 - ELECTRIC CABLE IN CONDUIT SERVICE NO. 6 3C"

**1** NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM.

**●** INDICATES PROPOSED GROUND AT LIGHT POLE AND CONTROL INSTALLATION.

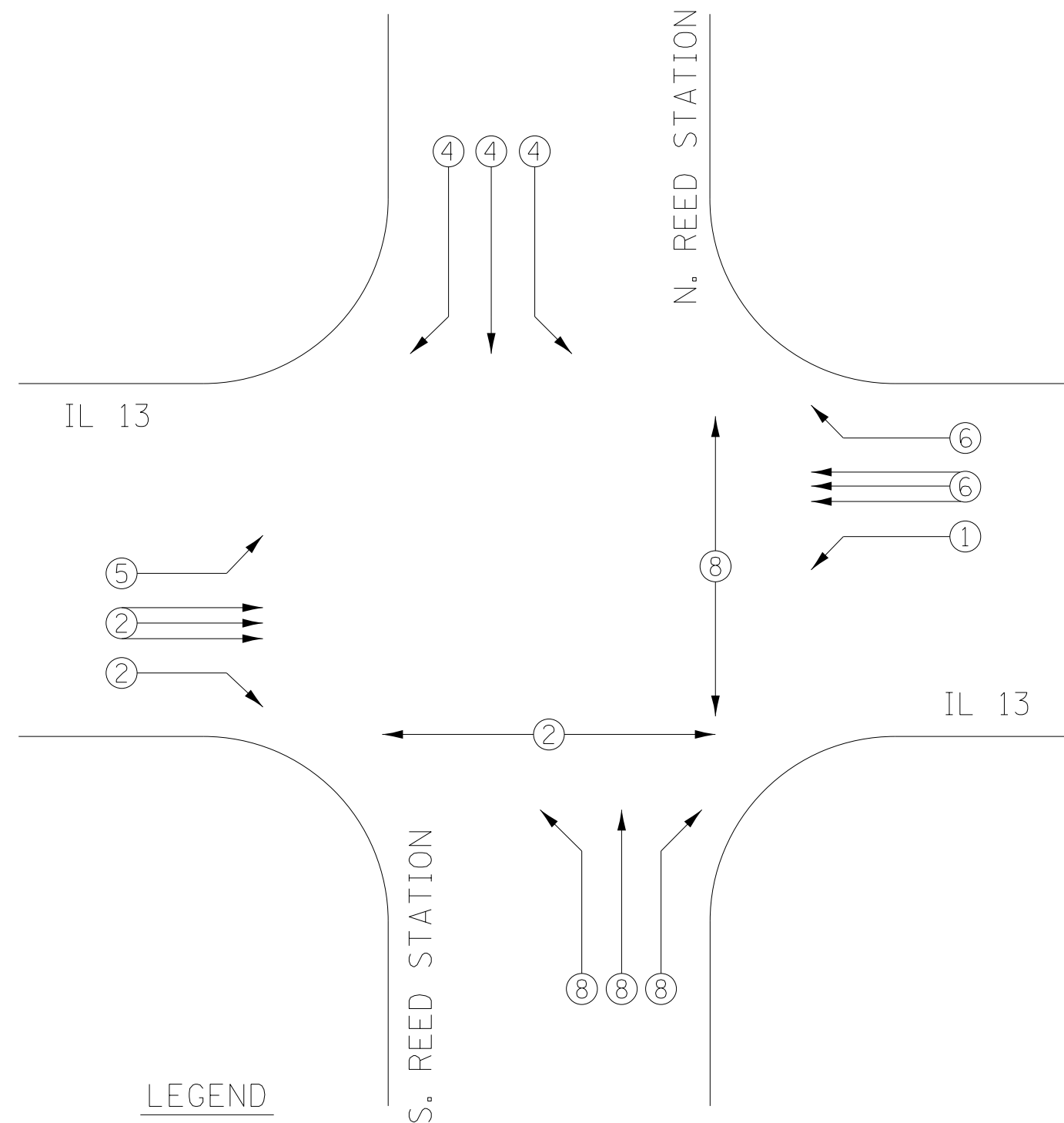
**⏏** INDICATES CONTINUOUS GROUND FROM CONTROL INSTALLATION.

### REVISIONS

DRAWN	7-27-93
REVISED	5-14-02
RESIZED	5-8-08

STD. 9-59

# PHASE DESIGNATION DIAGRAM IL 13 & REED STATION RD.



## 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 SIGNAL SHEETS  
FILE NAME: p:\highway\mtda\illinois\pww\dot\Documents\DOT\_Offices\Illinois\9\Projects\13\_alburt\_chawneer\727209\CADD\Drawings\Sheet\13\_Sig\_Index.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### PHASE DESIGNATION DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78709	



**ILLINOIS DEPARTMENT OF TRANSPORTATION  
LUMINAIRE PERFORMANCE TABLE**  
LED replacement for 250W HPS Horizontal Mount luminaire

**GIVEN CONDITIONS**

<b>ROADWAY DATA</b>	Lane Width	12 ft
	Number of Lanes (In One Direction Only)	3
	Median Width	0 ft
	I.E.S. Surface Classification	R3
	Q-Zero Value	.07
<b>LIGHT POLE DATA</b>	Mounting Height	45 ft
	Luminaire Overhang From Edge of Pavement (White Line)	0 ft
<b>LUMINAIRE DATA</b>	Luminaire Type	LED
	I.E.S. Vertical Distribution	Medium
	BUG Rating	U = 0
	I.E.S. Lateral Distribution	Type II or III
	Total Light Loss Factor	0.684
<b>LAYOUT DATA</b>	Spacing	160 ft
	Configuration	One Sided

**NOTES:**

- Total light loss factor is the product of "Lumen Depreciation" (LLD) = 0.90, "Dirt Depreciation" (LDF) = 0.80, and "Equipment factors" (EF) = 0.95.

**PERFORMANCE REQUIREMENTS**

**NOTE:** These performance requirements shall be the acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

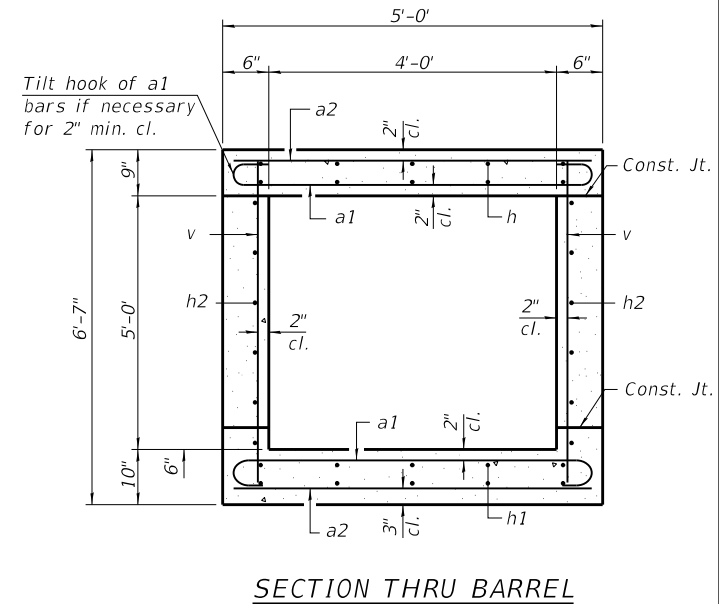
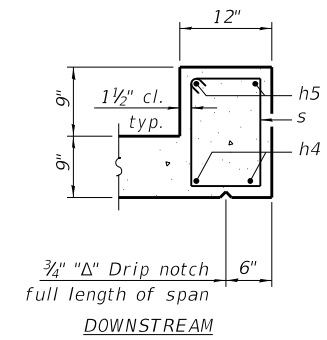
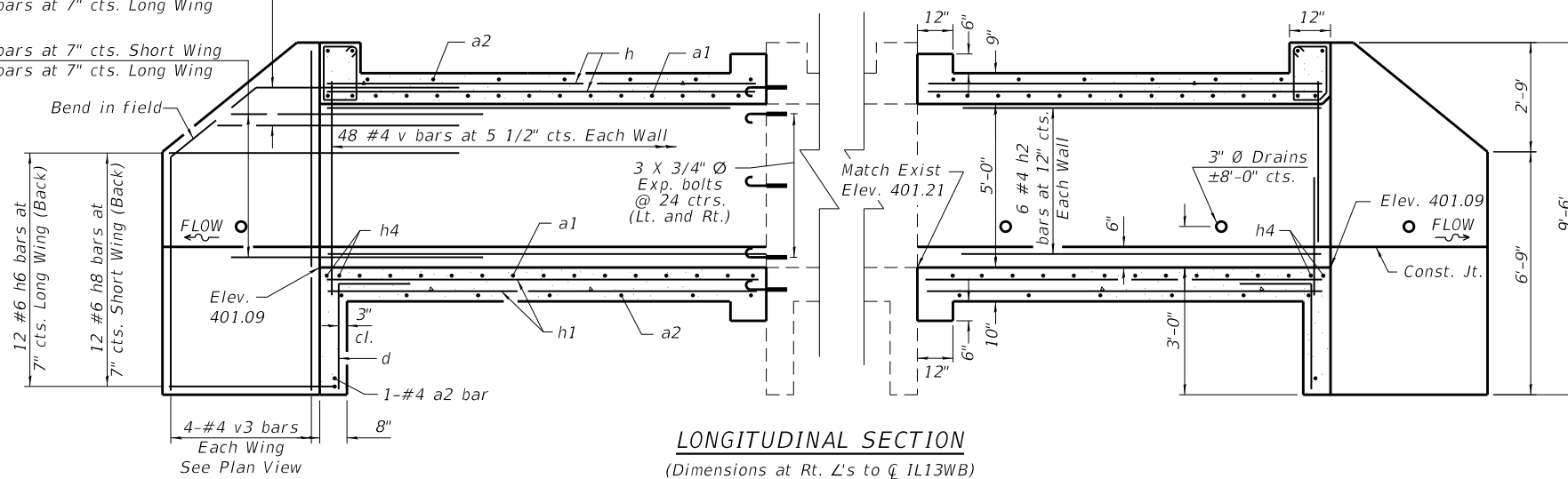
<b>ILLUMINANCE</b>	Average Illuminance, $E_{AVE}$	<u>0.9 fc to 1.4 fc</u>
	Uniformity Ratio, $E_{AVE}/E_{MIN}$	<u><math>\leq 3.0:1</math></u>
<b>LUMINANCE</b>	Average Luminance, $L_{AVE}$	<u>0.6 cd/m<sup>2</sup> to 0.9 cd/m<sup>2</sup></u>
	Uniformity Ratio, $L_{AVE}/L_{MIN}$	<u><math>\leq 3.5:1</math></u>
	Uniformity Ratio, $L_{MAX}/L_{MIN}$	<u><math>\leq 6.0:1</math></u>
	Max. Veiling Luminance Ratio, $L_v/L_{AVE}$	<u><math>\leq 0.3:1</math></u>

MODEL: SIGNAL SHEETS  
FILE NAME: P:\bhammond\dm\illinois\pwr\DOT\Documents\DOT\_Offices\District 9\Projects\13\_albnt\_chawnee\72729\CADD\Drawings\CD\Sheet\0972729-SubA-Cur\_Seg\_Index.dgn

USER NAME = naasdp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LUMINAIRE PERFORMANCE TABLE</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -				331	(5-3)R-2,N-2,TS-1	JACKSON	212	96A	
PLOT DATE = 3/17/2020	CHECKED -	REVISED -		SCALE:		SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
DATE -	DATE -	REVISED -		CONTRACT NO. 78709							

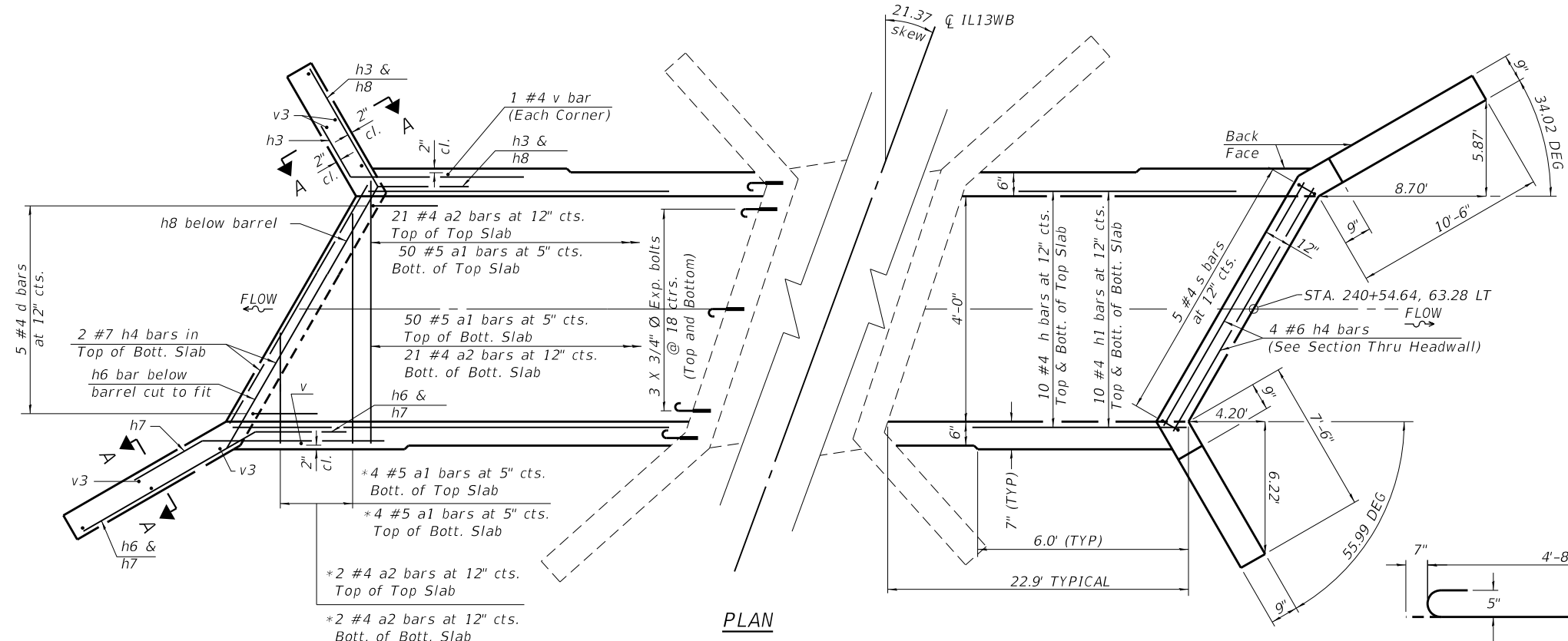
(Back)  
 3 #6 h3 bars at 7" cts. Short Wing  
 3 #6 h7 bars at 7" cts. Long Wing

(Front)  
 9 #6 h3 bars at 7" cts. Short Wing  
 9 #6 h7 bars at 7" cts. Long Wing



LONGITUDINAL SECTION  
 (Dimensions at Rt. L's to CL13WB)

SECTION THRU BARREL



PLAN

SECTION A-A

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	108	#5	5'-10"	
a2	46	#4	4'-8"	
d	5	#4	4'-5"	
h	10	#4	22'-7"	
h1	10	#4	22'-7"	
h2	12	#4	22'-7"	
h3	12	#6	8'-0"	
h4	4	#7	5'-0"	
h5	2	#6	5'-0"	
h6	12	#6	13'-9"	
h7	12	#6	8'-0"	
h8	12	#6	10'-5"	
s	5	#4	4'-9"	
v	98	#4	6'-2"	
v3	8	#4	9'-2"	
			Cu. Yd.	15.7
			Pound	2780
			Each	16

\*"a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

Notes:  
 All station and offsets given are according to the IL13WB CL.  
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.  
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



Expires 11-30-2020

5/5/2020

TSA-SB-HC-RS 2-17-2017

USER NAME = naasdp	DESIGNED -	REVISED -
PLOT SCALE = 0.1739' / in.	DRAWN -	REVISED -
PLOT DATE = 4/30/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

4X5 CULVERT DETAILS  
 STA. 240 + 79.29, SKEW 21.37 RA (IL13WB)

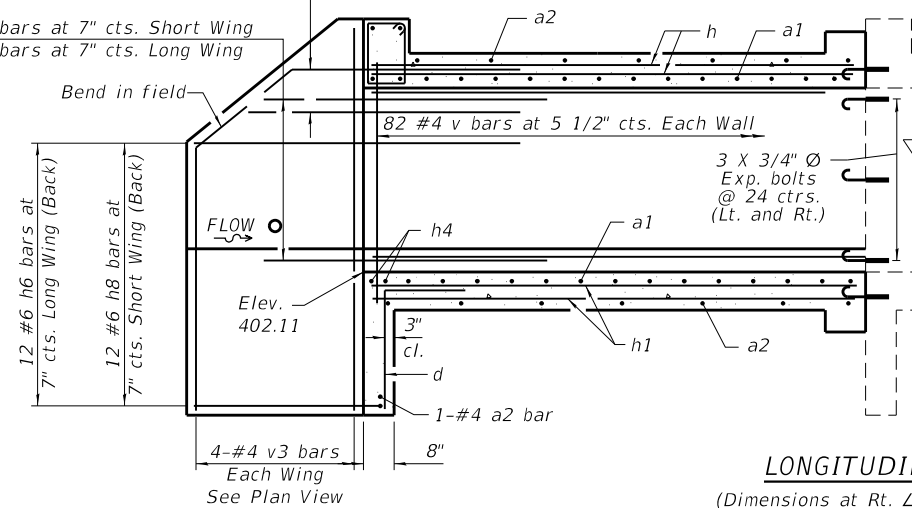
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78709	

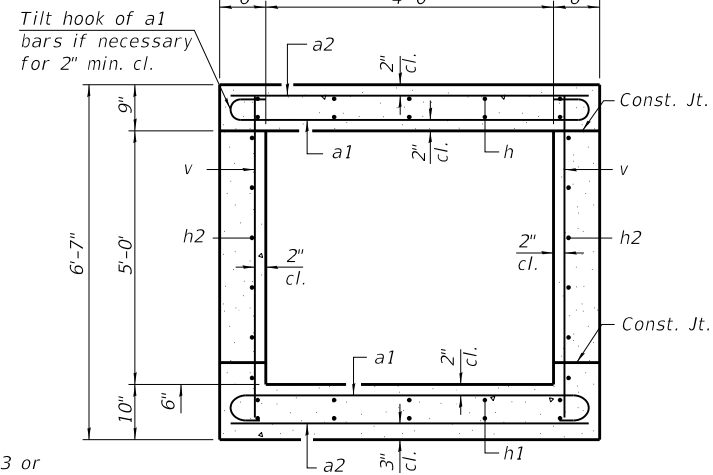
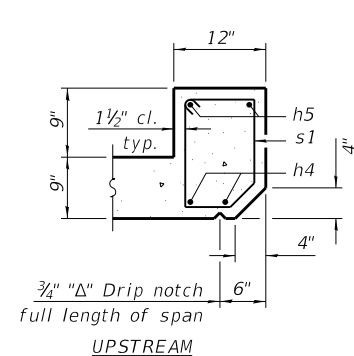
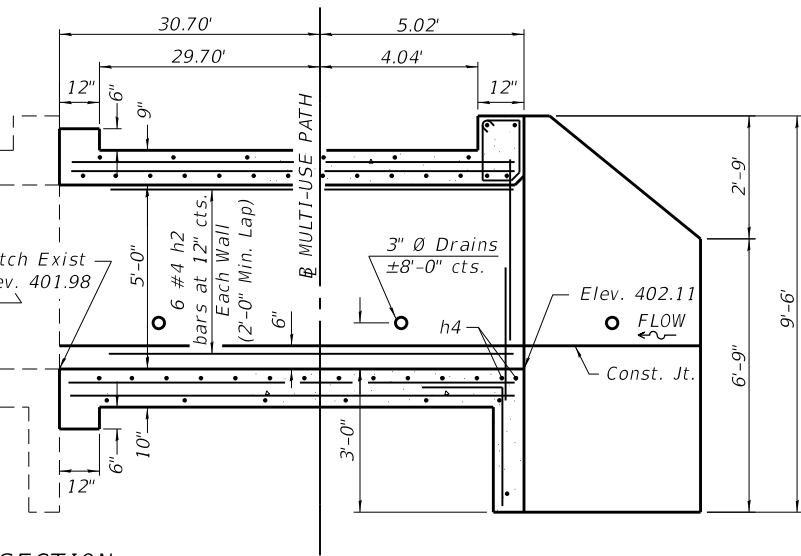
MODEL: Default  
 FILE: tsasbhc\_rsd.dwg  
 PROJECT: 13  
 OFFICE: Springfield  
 DATE: 4/30/2020

(Back)  
 3 #6 h3 bars at 7" cts. Short Wing  
 3 #6 h7 bars at 7" cts. Long Wing

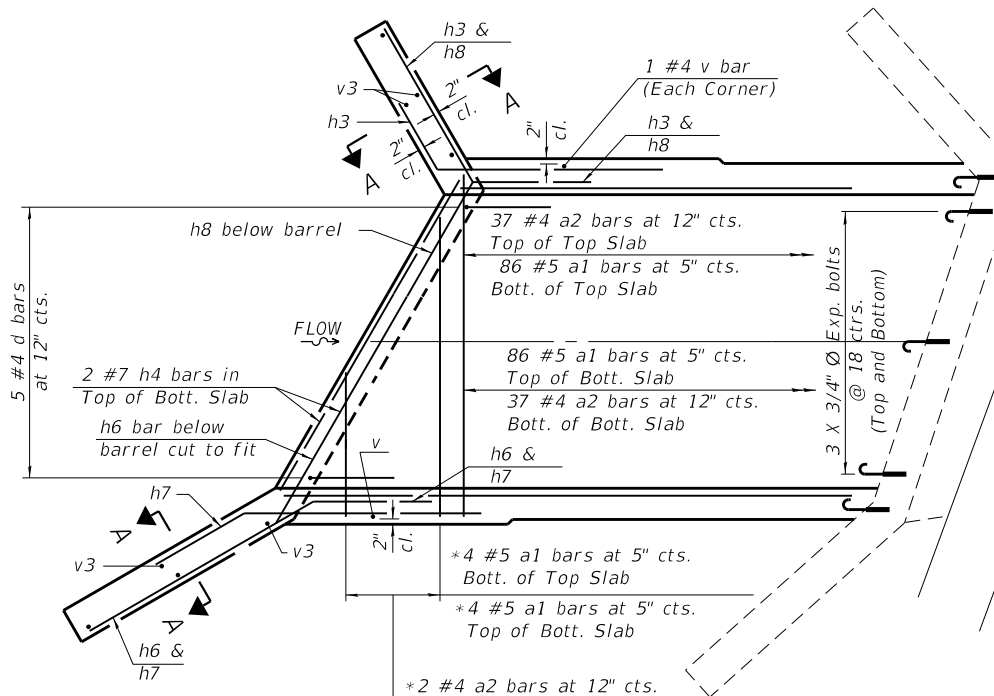
(Front)  
 9 #6 h3 bars at 7" cts. Short Wing  
 9 #6 h7 bars at 7" cts. Long Wing



**LONGITUDINAL SECTION**  
 (Dimensions at Rt. L's to Multi-Use Path)



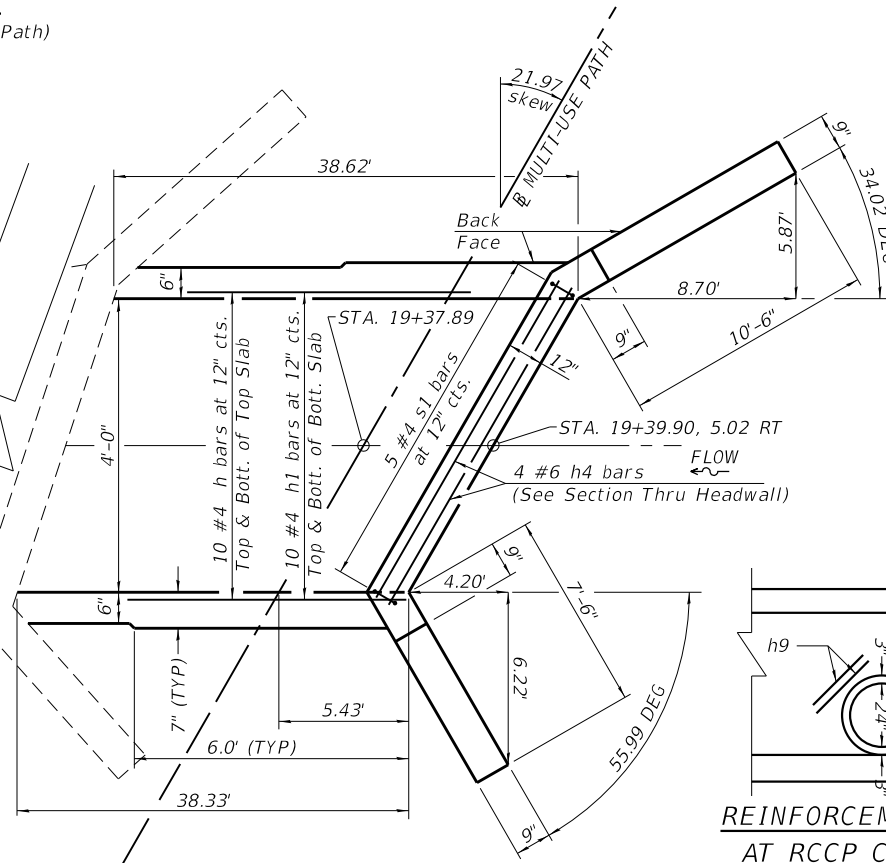
**SECTION THRU BARREL**



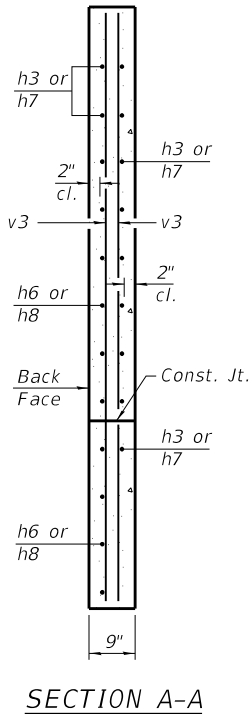
\*"a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

\*2 #4 a2 bars at 12" cts. Top of Top Slab  
 \*2 #4 a2 bars at 12" cts. Bott. of Bott. Slab

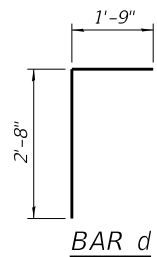
**PLAN**



**REINFORCEMENT DETAIL AT RCCP CONNECTION**



**SECTION A-A**



**BAR d**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a1	180	#5	5'-10"	
a2	78	#4	4'-8"	
d	5	#4	4'-5"	
h	20	#4	20'-0"	
h1	20	#4	20'-0"	
h2	24	#4	20'-0"	
h3	12	#6	8'-0"	
h4	4	#7	5'-0"	
h5	2	#6	5'-0"	
h6	12	#6	13'-9"	
h7	12	#6	8'-0"	
h8	12	#6	10'-5"	
h9	4	#4	2'-7"	
s1	5	#4	4'-7"	
v	166	#4	6'-2"	
v3	8	#4	9'-2"	
Concrete Box Culverts		Cu. Yd.	23.2	
Reinforcement Bars		Pound	4120	
3/4" Expansion Bolts		Each	16	

**Notes:**

All station and offsets given are according to the Multiuse Path. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls. Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



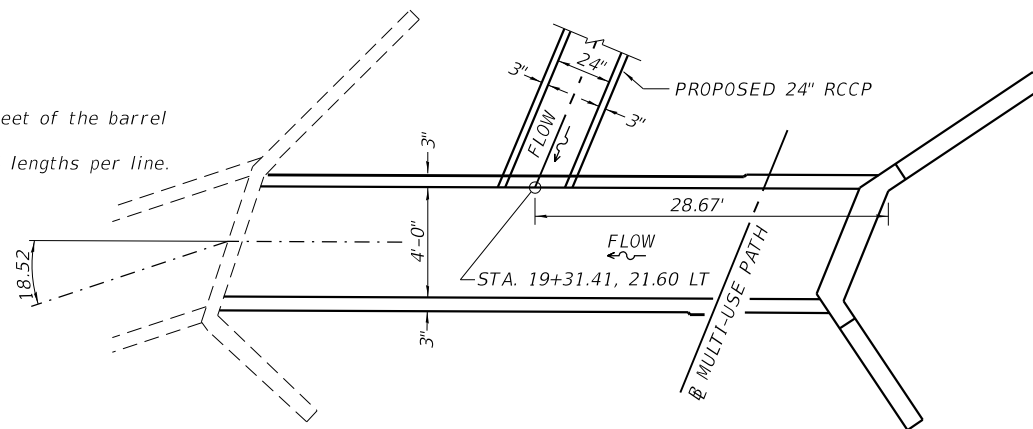
Expires 11-30-2020

*David Carl Puzyr*

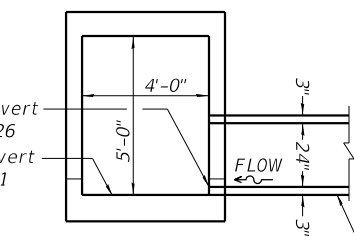
5/5/2020

2-17-2017

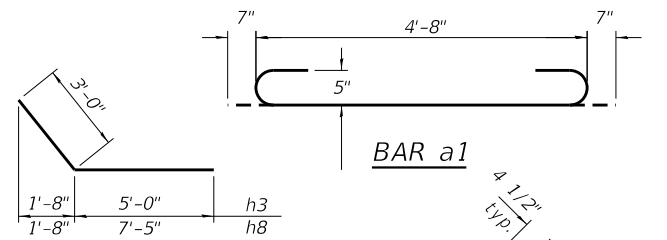
TSA-SB-HC-RS



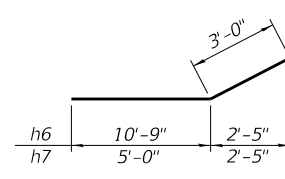
24" RCCP Invert ELEV.=402.26  
 4x5 Box Culvert Invert 402.01



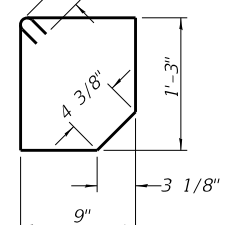
**SECTION THRU BARREL AT RCCP CONNECTION**



**BARS h3 & h8**



**BARS h6 & h7**



**BAR s1**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

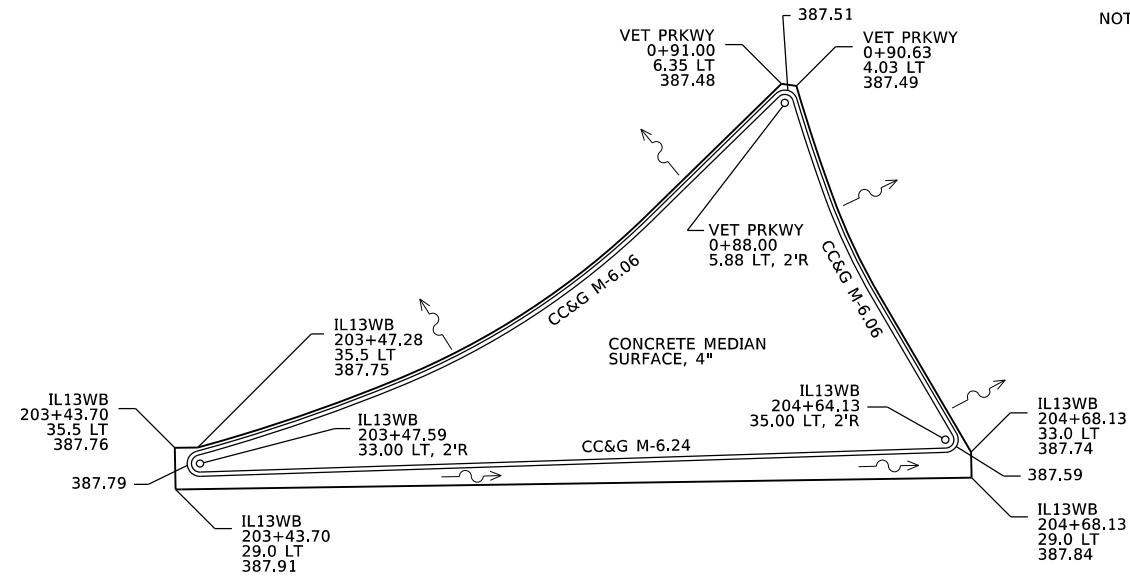
**4X5 CULVERT DETAILS**  
 STA. 19+37.89, SKEW 21.97 RA (MULTI-USE PATH)

SCALE: SHEET OF SHEETS STA. TO STA.

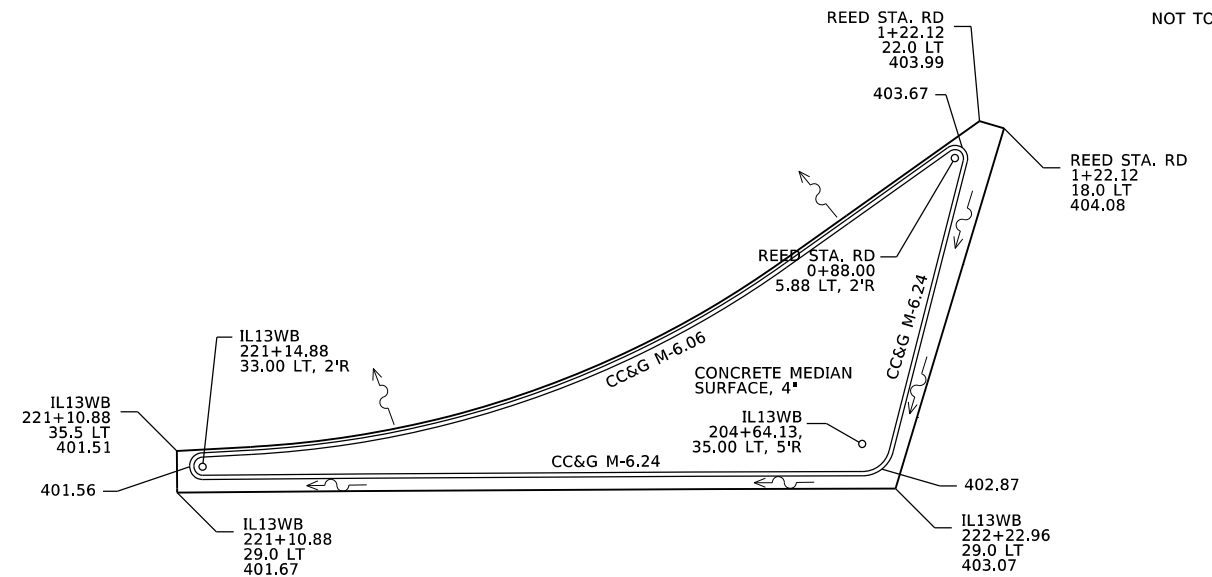
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	98

CONTRACT NO. 78709  
 ILLINOIS FED. AID PROJECT

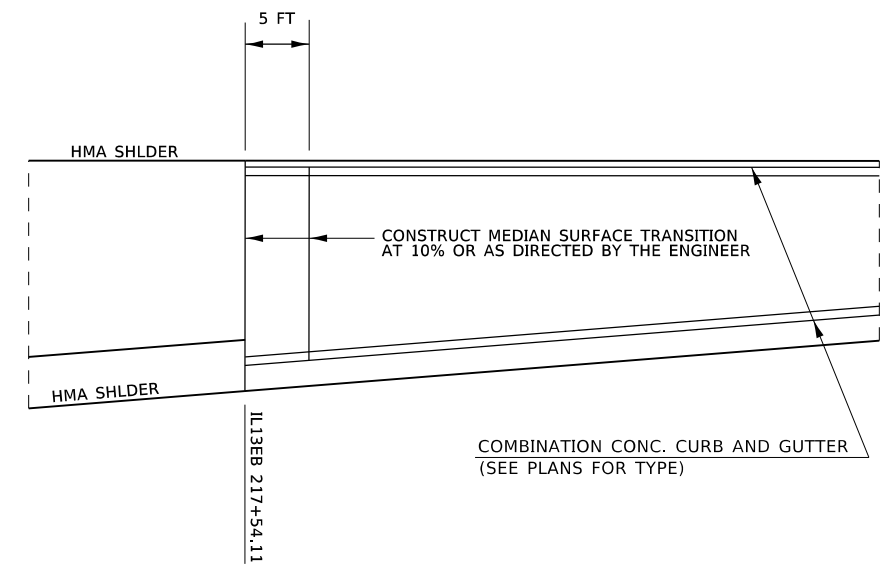
MODEL: Default  
 FILE: tsasbhc.dwg  
 PROJECT: 13. albert\_chavanne07272019/CADD/Struct/CD/Project/D9787209-SBH-Structure.dgn



ISLAND DETAILS  
IL13WB / VETERANS PRKWB.



ISLAND DETAILS  
IL13WB / REED STA. ROAD



MEDIAN SURFACE TRANSITION

MODEL ISLAND DETAILS  
FILE NAME: P:\pub\mcomada\at\links\pww\DOT\Documents\DOT\_Offices\Detail\9\Projects\13\_albnt\_chavne\072720\CADD\Detail\CAD\Sheets\072720-Sht-C-Road\_Detail.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 30.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

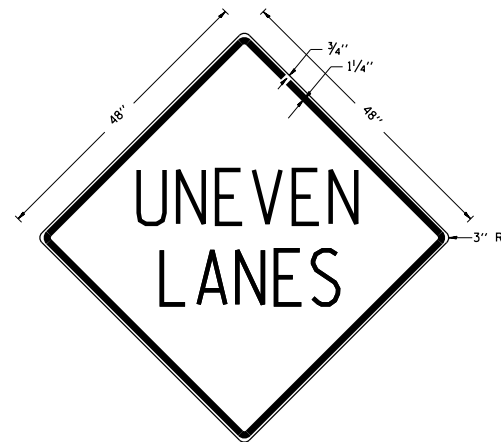
ISLAND DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	99
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				

## UNEVEN LANES SIGN

W8-11 (48" x 48")



**COLORS:**

LEGEND AND BORDER - BLACK NON-REFLECTORIZED  
BACKGROUND - ORANGE REFLECTORIZED

**NOTE:** PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLD MILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

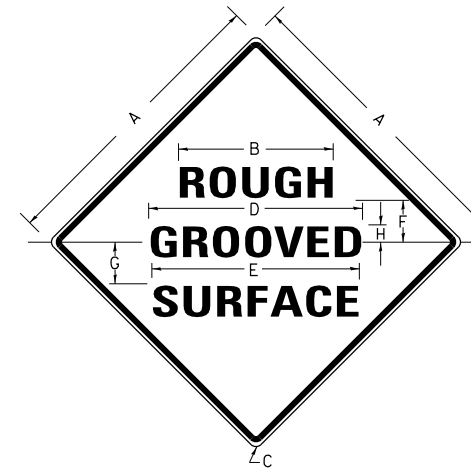
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

## ILLINOIS STANDARD



**COLORS:**

LEGEND AND BORDER- BLACK NON-REFLECTORIZED  
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

**NOTES:**

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLD MILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLD MILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

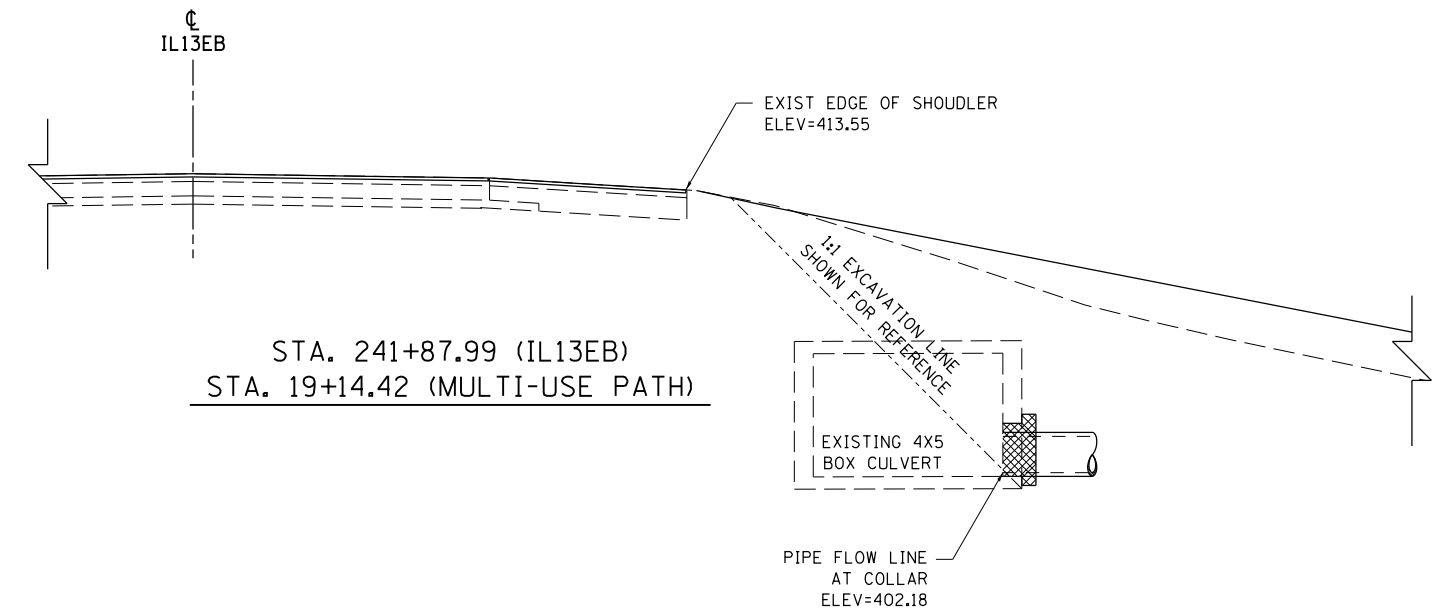
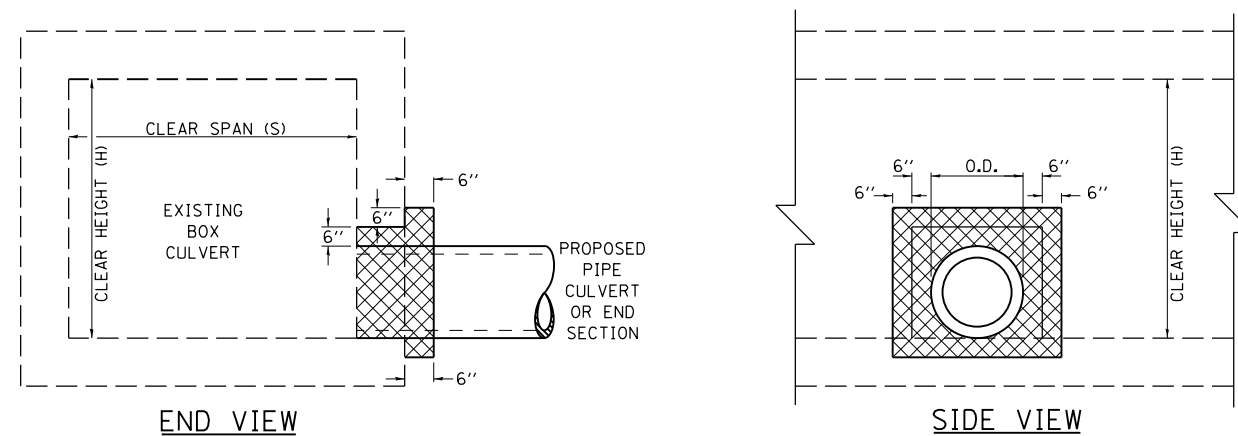
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

## CONCRETE COLLAR SPECIAL

PIPE TO EXISTING BOX CULVERT



THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR SPECIAL**, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING BOX CULVERT SIDEWALL AS SHOWN.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



MODEL DETAIL SHEETS (20 SCALE)  
FILE NAME: p:\pub\mason\mason\p\w\DOT\Documents\DOT - Office\Detail\9\Project\13\_01\ant\_chawne072720\CAD\Detail\CAD\Sheet\09727209-Spec-Rdwy\_Detail1.dgn

USER NAME = naasdp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEETS: UNEVEN LANE SIGN,  
ROUGH GROOVED SURFACE SIGN, CONCRETE COLLAR SPECIAL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-3)R-2,N-2,TS-1	JACKSON	212	100
CONTRACT NO. 78709				
ILLINOIS FED. AID PROJECT				