

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
41(RS-6),101(RS-7),102(RS-4)		MASSAC	81	1
		ILLINOIS	CONTRACT NO. 78802	
FAU 9771/FAP 889/FAS 961/FAP 132				

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6 - 13

PROPOSED HIGHWAY PLANS

VARIOUS SECTION 41(RS-6),101(RS-7),102(RS-4) PROJECT NHPP-STP-UHHJ(692) RESURFACING MASSAC COUNTY

TRAFFIC DATA

TRAFFIC DATA US 45 MASSAC COUNTY

US 45: 10TH ST. TO DEVERS RD.

LEG A: 10TH ST./US 45 TO 5TH ST./ US 45

LEG B: 5TH ST./US 45 TO 12TH ST.

LEG C: 12th ST. TO BELGRADE RD

YEAR		LEG A	LEG B	LEG C
2019	ADT =	5,200 11.7% TRUCKS	7,800 7.1% TRUCKS	15,400 7.6% TRUCKS
2021	ADT =	5,300 11.8% TRUCKS	7,960 7.0% TRUCKS	15,710 7.6% TRUCKS
2041	ADT =	6,470 11.7% TRUCKS	9,710 7.1% TRUCKS	19,170 7.6% TRUCKS

TOWNSHIPS

METROPOLIS
JEFFERSON
WEST BROOKLYN

DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : NAD83 (2007 ADJ) ILLINOIS EAST

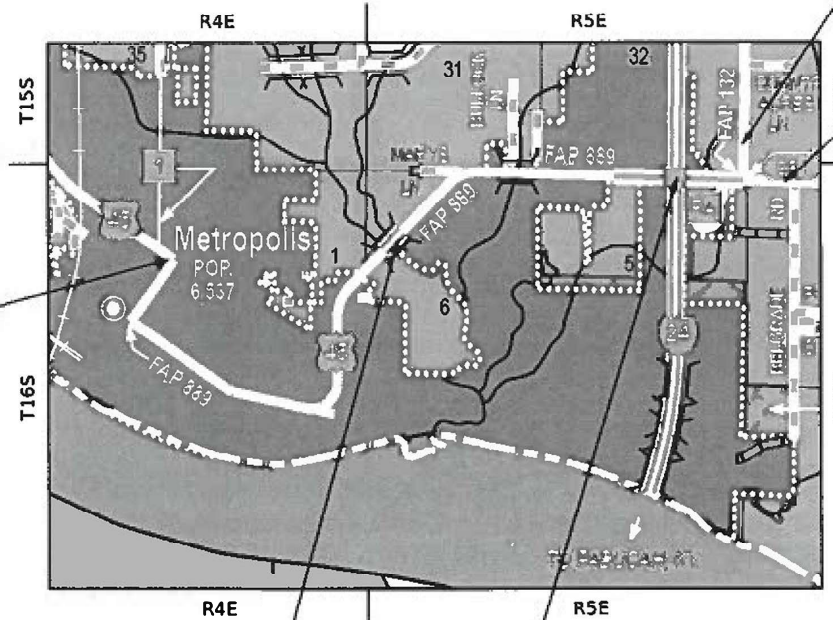
POSTED SPEED : 30,35,40,45,55 MPH

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

PROJECT ENGINEER: SUSAN POE
PROJECT DESIGNER: EHREN KIRBY

CONTRACT NO. 78802

C-99-075-20



PROPOSED IMPROVEMENT BEGINS
AT US 45 AND 10TH ST.
APPROX. STA 1138+15
AT EXISTING HMA JOINT

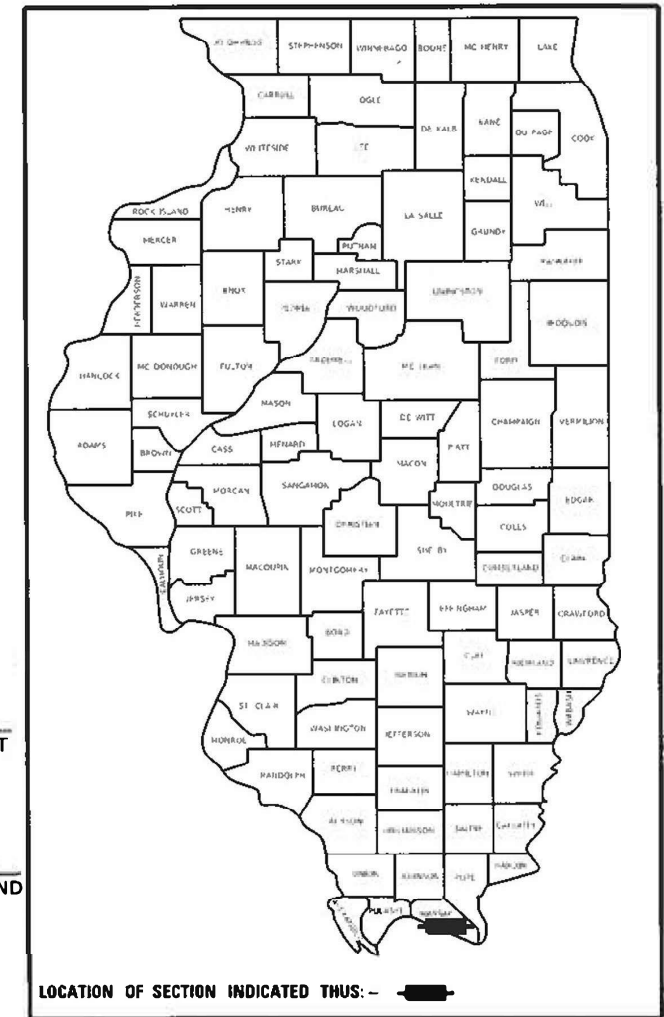
STRUCTURE OMISSION - EB SN 064-0036
STA 104+50 TO STA 107+40
STRUCTURE OMISSION - WB SN 064-0043
STA 104+27 TO STA 107+75

STRUCTURE OMISSION - SN 064-0029
STA 186+75.38 TO STA 189+41.29

PROPOSED IL 145 IMPROVEMENT ENDS
AT THE END OF EXISTING PCC PAVEMENT
APPROX. STA 212+14

PROPOSED US 45 IMPROVEMENT ENDS
JUST WEST OF BELGRADE RD AT THE END
OF EXISTING PCC PAVEMENT
APPROX. STA 18+85

LOCATION OF SECTION INDICATED THUS: -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-20-20

REGION FIVE ENGINEER

December 4, 2020

ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

GROSS LENGTH = 24678.31 FT. = 4.67 MILES
NET LENGTH = 24092.40 FT. = 4.56 MILES

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OF THE STATE OF ILLINOIS

MODEL: D:\dwg\... FILE NAME: ...

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Heil
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Conn Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Karl Nelson
DISTRICT OPERATIONS ENGINEER

Examined By: KR
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dan J. J...
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

USER NAME - greenleeem	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE - 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE - 9/28/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	2
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

*41(RS-6),101(RS-7),102(RS-4) *FAU 6771/FAP 889/FAS 961/FAP 132

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS,
4	GENERAL NOTES, COMMITMENTS, MTD CROSSING RESTRICTIONS TABLE, STATION EQUATIONS AND OMISSIONS
5	MIXTURE REQUIREMENTS
6-13	SUMMARY OF QUANTITIES
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43	METROPOLIS ADA LOCATION MAP
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76	CORRUGATED PCC MEDIAN REMOVAL DETAIL
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78-81	DISTRICT DETAILS

HIGHWAY STANDARDS

000001-08	STANDARDSYMBOLSABBREVIATIONS&PATTERNS
001001-02	AREASOFREINFREBARS
001006	DECIMALOFINCH&FOOT
420001-09	PAVEMENTJOINTS
420701-03	PAVEMENTWELDEDWIREREINFORCEMENT
421001-03	BARREINFFORCRCPVMT
421201-07	24FTCRCPVMT-WLUGSYS
424001-11	PERPENDICULARCURBRAMPS
424006-05	DIAGONALCURBRAMPS
424021-06	DEPRESSEDCORNER
442001-04	CLASSAPATCHES
442101-09	CLASSBPATCHES
442201-03	CLASSC&DPATCHES
482011-03	HMASHLDDSTRIPS(SHLDS)WRESURFORWIDEN&RESURFPROJ
604001-05	FRAM&LIDS-TYPE1
606001-07	CONCURBTYP&COMBOCONCC&G
701001-02	OFFRDOP-2L2W-15FTMINFROMEOP
701006-05	OFFRDOP-2L2W-15FTTOEOP
701101-05	OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
701106-02	OFFRDOP-MULTILN-MORETHAN15FTAWAY
701301-04	LNCLOSURE2L2W-SHORTTIMEOP
701306-04	LNCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE
701311-03	LNCLOSURE2L2W-MOVINGOPDAYONLY
701336-07	LNCLOSURE2L2W-WORKAREASINSERIES45MPHORMORE
701426-09	LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE
701427-05	LNCLOSUREMULTILN-INTERMITTANTORMOVINGOPLTORE40MPH
701601-09	URBANLNCLOSUREMULTILN1W2WWITHNONTRVSABLEMED
701602-10	URBANLNCLOSUREMULTILN2WWITHHBIDIRECTLEFTTURNLN
701606-10	URBANSINGLELNCLOSUREMULTILN2WWITHMOUNTABLEMED
701701-10	URBANLNCLOSUREMULTILNINTERSECTION
701801-06	SIDEWALKCORNERORCROSSWALKCLOSURE
701901-08	TRAFCNTRLDEVICES
720001-01	SIGNPANELMOUNTDETAILS
720006-04	SIGNPANELERECTDETAILS
780001-05	TYPICALPVMTRKINGS
781001-04	TYPICALAPPRAISEDREFLCPVMTMRKRS
805001-01	ELECSRVCINSTALLDETAILS
821101-02	LUMINAIRE WIRING IN POLE
825011-04	LIGHTINGCONTROLLERPEDESTALMOUNT240V
826001-02	NAVIGATIONOBSTRUCTIONLIGHTINGCONTROLLER240V
857001-01	STDPHASEDESIGNATIONDIAGRAMS&PHASESEQ
862001-01	UPS
873001-02	TRAFSIGNALGROUND&BOND
876001-04	PEDESTRIANPUSHBUTTONPOST
878001-11	CONCRETEFOUNDATIONDETAILS
880006-01	TRFSIGNALMOUNTDETAILS-POST&BRACKETMOUNT
886001-01	DETECTORLOOPINSTALLATIONS
886006-01	TYPICALLAYOUTSFORDETECTIONLOOPS

REV. - MS

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PROJECT: 8802\CADD\DATA\CAD\Sheets\Print\Organizer.dgn

USER NAME = fowler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F A * RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	*			**	MASSAC	81	3	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78802				
PLOT DATE = 10/21/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

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.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

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

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.

ON MULTI-LANE HIGHWAYS 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.

ON TWO-LANE HIGHWAYS THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT 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.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

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

THE RADIUS MEASUREMENTS FOUND ON THE PLAN SHEETS ARE TAKEN FROM THE FLOW-LINE OF THE PROPOSED GUTTER.

MTD CROSSING RESTRICTIONS TABLE

ROUTE (US 45) SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
		FOOT	FOOT	
SN 064-0036	STA 106+00	N/A	N/A	Emptied *
SN 064-0043	STA 106+00	N/A	N/A	Emptied *
SN 064-2003	STA 146+40	5.0'	1.3'	Emptied *
SN 064-7029	STA 169+00	5.6'	0.8	Emptied *
SN 064-0029	STA 188+05	N/A	N/A	Emptied *

*THE CONTRACTOR IS ALLOWED AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTION OF 40 TONS OVER THE STRUCTURES LISTED ABOVE. THE CONTRACTOR SHALL REFER TO BDE SPECIAL PROVISION FOR MATERIAL TRANSFER DEVICE.

STATION EQUATIONS

US 45 EQ. STA 1157+13.95 BK = STA 0+00 AH
 US 45 EQ. STA 52+15.17 BK = STA 51+51.11 AH
 US 45 EQ. STA 199+33.20 BK = STA 0+00 AH
 IL 145 EQ. STA 8+63.00 BK = STA 221+50.00 AH

OMISSIONS

US 45 EB SN 064-0036 STA 104+50 TO STA 107+40
 US 45 WB SN 064-0043 STA 104+27 TO STA 107+75
 US 45 - SN 064-0029 STA 186+75.38 TO STA 189+41.29

COMMITMENTS

NONE

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USER NAME = fowlera	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS, MTD CROSSING RESTRICTIONS TABLE, STATION EQUATIONS AND OMISSIONS		F.A. [*] RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				*	**	MASSAC	81	4	
PLOT DATE = 10/21/2020	CHECKED -	REVISED -		SCALE:		SHEET OF SHEETS		STA. TO STA.		ILLINOIS	FED. AID PROJECT
	DATE -	REVISED -								CONTRACT NO. 78802	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

HMA MIXTURE REQUIREMENTS TABLES

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90
PG:	SBS PG76-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 90 Gyration Design
(Mixture Gradation)	IL-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP
Sublot Size:	TBD

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder, N90, IL-9.5FG
PG:	SBS PG76-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 90 Gyration Design
(Mixture Gradation)	IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N30, IL-9.5L
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 30 Gyration Design
(Mixture Gradation)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

Location(s):	Class D Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 90 Gyration Design
(Mixture Gradation)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

Location(s):	Incidental HMA Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	See Special Provision
Mixture Composition:	4.0 %, 70 Gyration Design
(Mixture Gradation)	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

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USER NAME = fowler PLOT SCALE = 100.0000' / in. PLOT DATE = 10/21/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HMA MIXTURE REQUIREMENTS TABLES	SECTION **	COUNTY MASSAC	TOTAL SHEETS 81	SHEET NO. 5	CONTRACT NO. 78802
				SCALE: SHEET OF SHEETS STA. TO STA.					

SUMMARY OF QUANTITIES

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP-SMART	80% FED. 20% STATE NHS-SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP-SMART	80% FED. 20% LOCAL NHS-SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN
	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
	0005	0005	0005	0005	0005	0021	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005	0005	0005	0005	0005	0021	0005	0005
25000200	SEEDING, CLASS 2	ACRE	0.19	0.06	0.13						
25000350	SEEDING, CLASS 7	ACRE	0.19	0.06	0.13						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	6	12						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	6	12						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	6	12						
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.4	0.1	0.3						
25100630	EROSION CONTROL BLANKET	SQ YD	920	290	630						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	19	6	13						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,351		5,480	2,756	717	1,398			
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	84,298	5,223	47,202	16,155	3,855	6,841		665	4,357
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	800			518	60	222			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	651			543	108				
40600990	TEMPORARY RAMP	SQ YD	413	31	134	194	26	28			
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N90	TON	2,739			1,644	394	701			

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USER NAME = fowler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	6
CONTRACT NO. 78802				
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
				0005	0005	0005	0005	0005		0005	0005
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N90	TON	14,147	976	8,814	2,058	491	866		125	817
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	39					39			
42001300	PROTECTIVE COAT	SQ YD	417	61	107	167	82				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,504	1,424	3,080						
42400800	DETECTABLE WARNINGS	SQ FT	463	165	298						
44000100	PAVEMENT REMOVAL	SQ YD	29	3	26						
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	10,302			5,940	1,527	2,835			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	139,850	11,608	117,078					1,478	9,686
44000300	CURB REMOVAL	FOOT	187	63	124						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,421	194	254	779	194				
44000600	SIDEWALK REMOVAL	SQ FT	4,493	1,424	3,069						
44200050	WELDED WIRE REINFORCEMENT	SQ YD	626			160	466				
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	134			107	27				
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	88			68	20				

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USER NAME = fowler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	7
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN
	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
	0005	0005	0005	0005	0005		0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
				0005	0005	0005	0005	0005		0005	0005
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	2,216			1,926	290				
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	455			85		370			
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	149					149			
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	477			160		317			
44201299	DOWEL BARS 1 1/2"	EACH	1,488			280		1,208			
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	139	38	101						
44201409	CLASS C PATCHES, TYPE IV, 14 INCH	SQ YD	257	70	187						
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	8		8						
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	34		34						
44213000	PATCHING REINFORCEMENT	SQ YD	2,438			2,101	337				
44213200	SAW CUTS	FOOT	11,895			7,320	1,237	3,338			
44213204	TIE BARS 3/4"	EACH	1,878			1,446	218	214			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,900	1,900							
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	325			189	56	80			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	8
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
				0005	0005	0005	0005	0005		0005	0005
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,666		1,026	955	249	436			
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3		3						
60600605	CONCRETE CURB, TYPE B	FOOT	1,075	424	651						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	543	194	349						
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	943			749	194				
60609100	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (VARIABLE WIDTH GUTTER F	FOOT	30			30					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	522			162	360				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	8.00	0.64	5.28	1.04	0.32	0.72			
67100100	MOBILIZATION	L SUM	1.00	0.08	0.66	0.13	0.04	0.09			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00					1.00			
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.00					1.00			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1.00		1.00						
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.00			0.60	0.17	0.23			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.00	0.15	0.85						

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	9
CONTRACT NO. 78802				

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN
	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
	0005	0005	0005	0005	0005		0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	SIGNALS	PARK. LANES 0005	PARK. LANES 0005
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.00	0.25	0.25	0.25	0.25				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.00	0.50	0.50						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	70	14		28	28				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	56,589	7,106	23,860	18,672	2,851	4,100			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	18,896	2,378	7,973	6,227	951	1,367			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,568.5	428.6	729.1	338.0	36.4	36.4			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	93,617	5,846	59,167	14,899	4,861	8,844			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	505		505						
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,095		256	749		90			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	728	66	151	433	44	34			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	31					31			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,568.5	428.6	729.1	338.0	36.4	36.4			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	93,617	5,846	59,167	14,899	4,861	8,844			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	505		505						

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	10
CONTRACT NO. 78802				

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	LOCATION:						SIGNALS	PARK. LANES	PARK. LANES
				ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,095		256	749		90				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	728	66	151	433	44	34				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,529	159	1,097	146	37	90				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,529	159	1,097	146	37	90				
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	12						12			
* 81500100	GULFBOX JUNCTION	EACH	4						4			
* 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1						1			
* 86000100	MASTER CONTROLLER	EACH	1						1			
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1						1			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	198						198			
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	53						53			
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	74						74			
* 87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	10						10			
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1	EACH	1						1			

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES - CONT.			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	11
CONTRACT NO. 78802				
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP-SMART	80% FED. 20% STATE NHS-SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP-SMART	80% FED. 20% LOCAL NHS-SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN
	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
	0005	0005	0005	0005	0005	0012	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	SIGNALS 0012	PARK. LANES 0005	PARK. LANES 0005
* 87900100	DRILL EXISTING FOUNDATION	EACH	1						1		
* 87900200	DRILL EXISTING HANDHOLE	EACH	1						1		
* 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2						2		
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3						3		
* 88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2						2		
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12						12		
* 88600100	DETECTOR LOOP, TYPE I	FOOT	3,611	501	1,151	1,895	64				
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8						8		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1						1		
X0320586	FLEXIBLE DELINEATORS	EACH	10						10		
X1400236	REMOVE GROUT FROM EXISTING MAST ARM	EACH	4						4		
X1400237	INSTALL SCREEN ON EXISTING MAST ARM	EACH	4						4		
X2503100	MOWING	UNIT	384		198	93	27	66			
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	522			162	360				

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	12
CONTRACT NO. 78802				

SUMMARY OF QUANTITIES - CONT

COUNTY:	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC	MASSAC
ROUTE:	US 45	US 45	US 45	US 45	US 45/IL145	US 45	US 45	US 45
FUNDING:	80% FED. 20% STATE STP - SMART	80% FED. 20% STATE NHS - SMART	80% FED. 20% STATE NHS	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% STATE STP	80% FED. 20% LOCAL STP - SMART	80% FED. 20% LOCAL NHS - SMART
LOCATION:	URBAN	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	SIGNALS	PARK. LANES	PARK. LANES
				0005	0005	0005	0005	0005	0012	0005	0005
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	35,605	2,513	21,273	6,925	1,748	3,146			
* X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1						1		
* X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1						1		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	97,949	9,497	71,432	10,621	1,797	4,602			
Z0034105	MATERIAL TRANSFER DEVICE	TON	16,886	976	8,814	3,702	885	1,567		125	817
Ø Z0076600	TRAINEES	HOUR	500	500							
Z0038115	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1/2"	SQ YD	39,124			23,484	5,658	9,982			
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500							

* SPECIALTY ITEM

Ø 0042

REV. - MS

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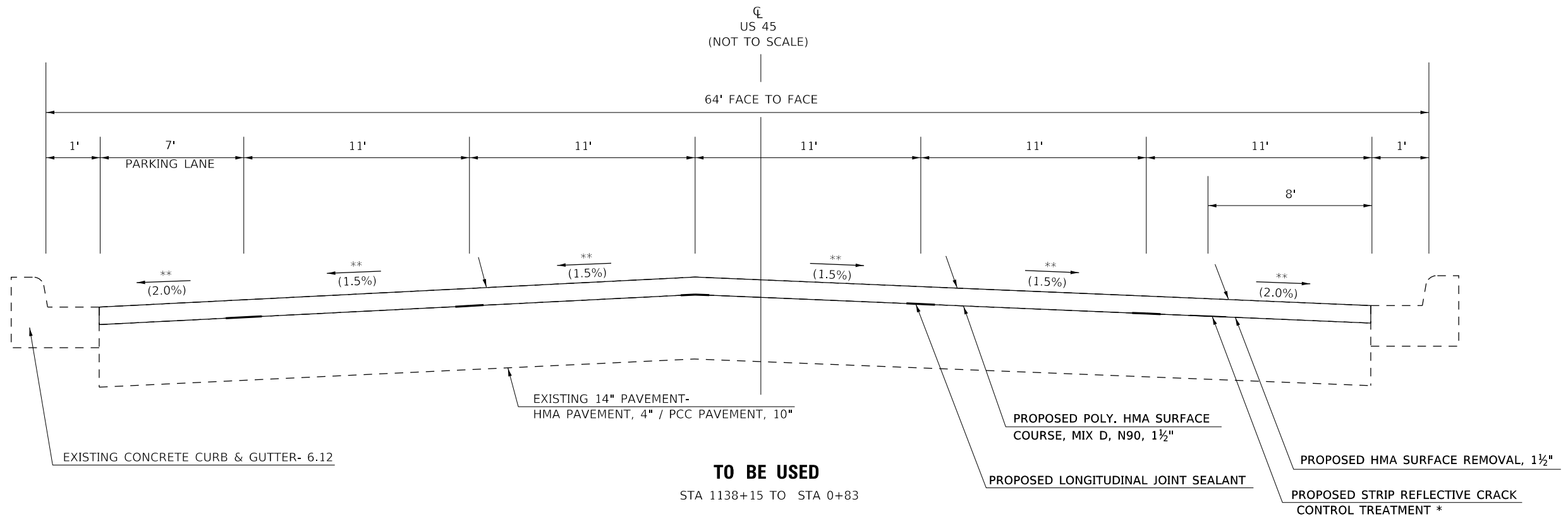
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES - CONT.

SCALE: SHEET OF SHEETS STA. TO STA.

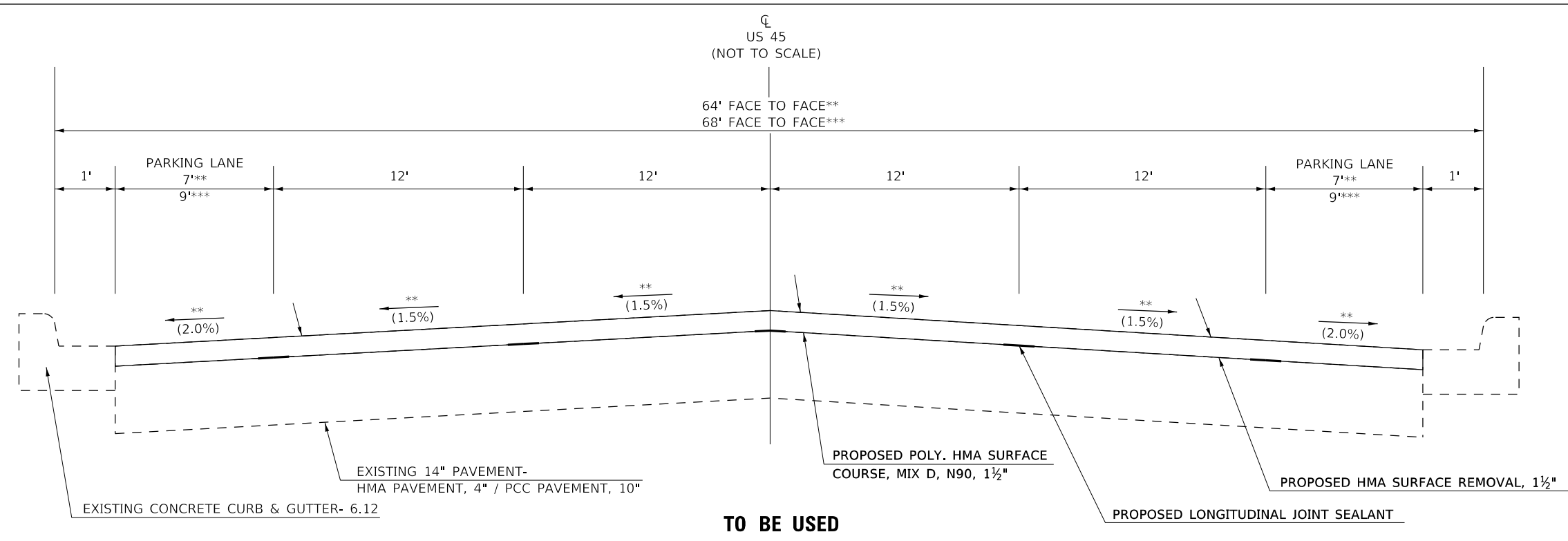
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*	**	MASSAC	81	13
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



* STRIP REFLECTIVE CRACK CONTROL TREATMENT IS TO BE USED STA 1138+15 TO STA 1149+45
 RIGHT SIDE ONLY, 8' FROM CURB LINE

**** MATCH EXISTING**



**** MATCH EXISTING**

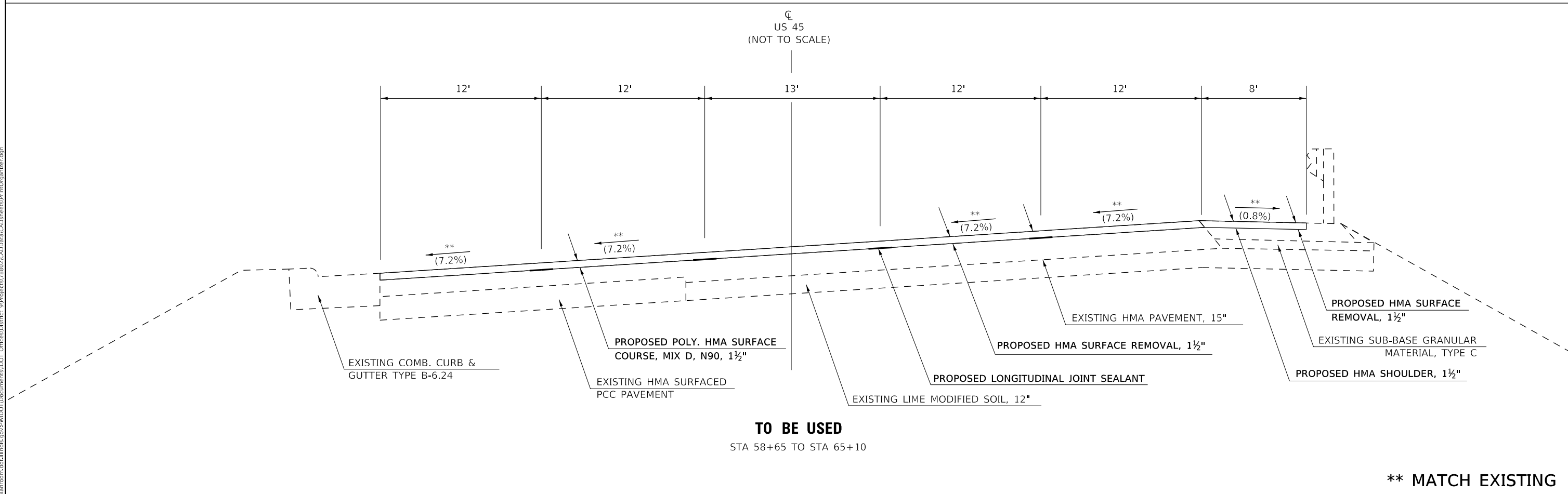
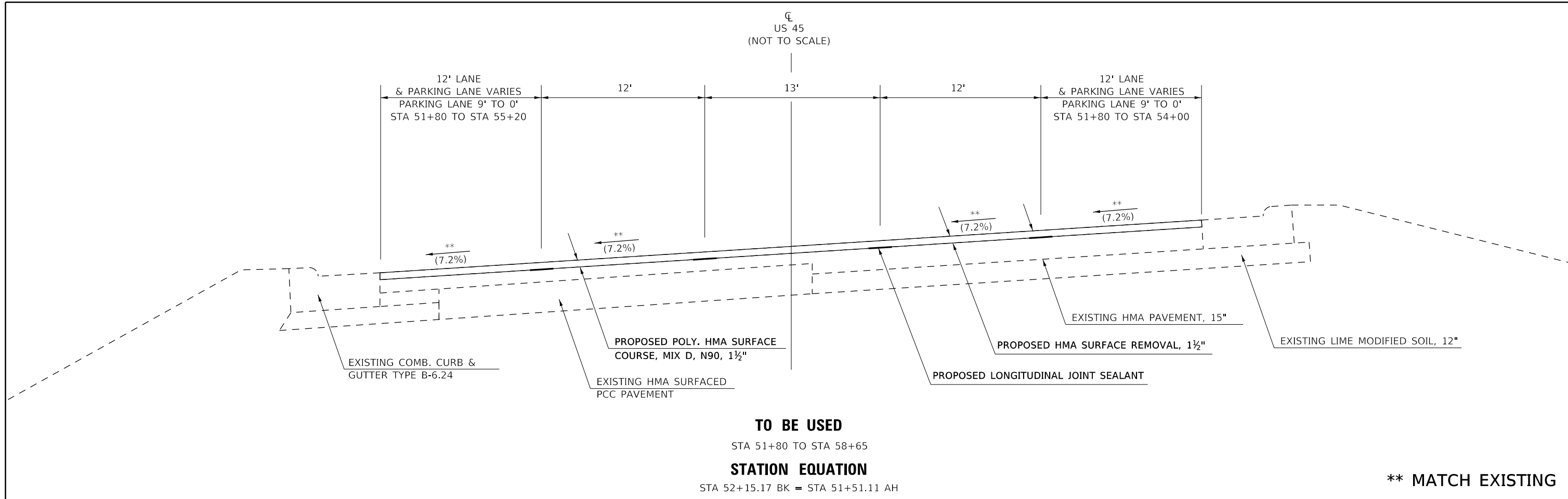
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	14
CONTRACT NO. 78802				
		ILLINOIS	FED. AID PROJECT	



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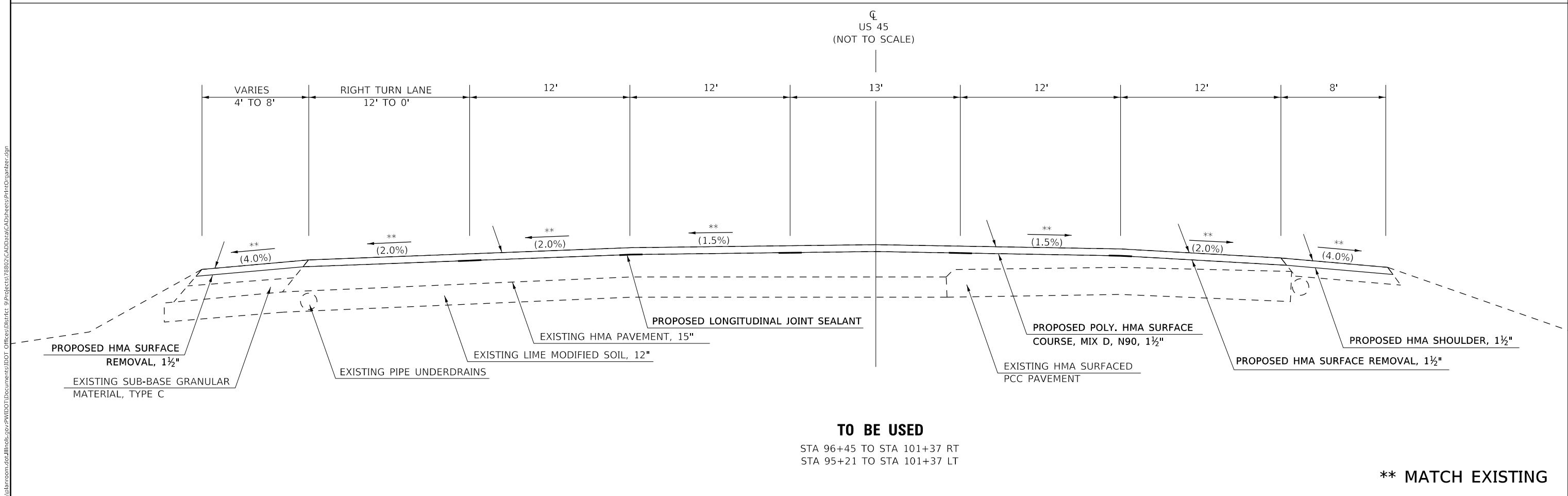
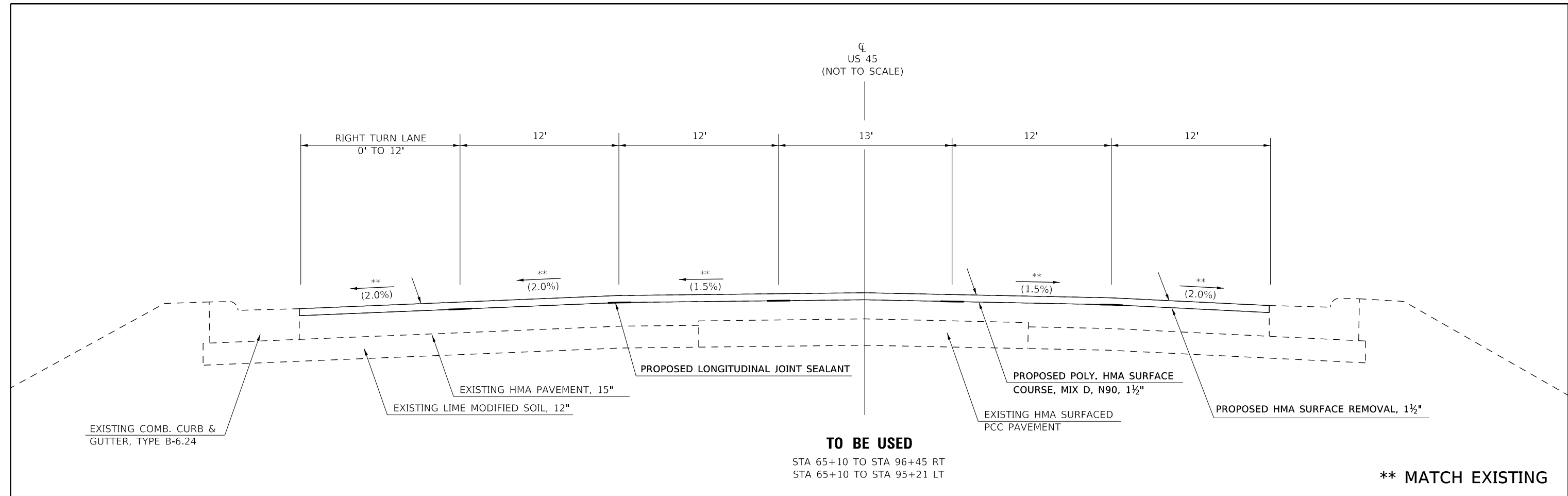
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

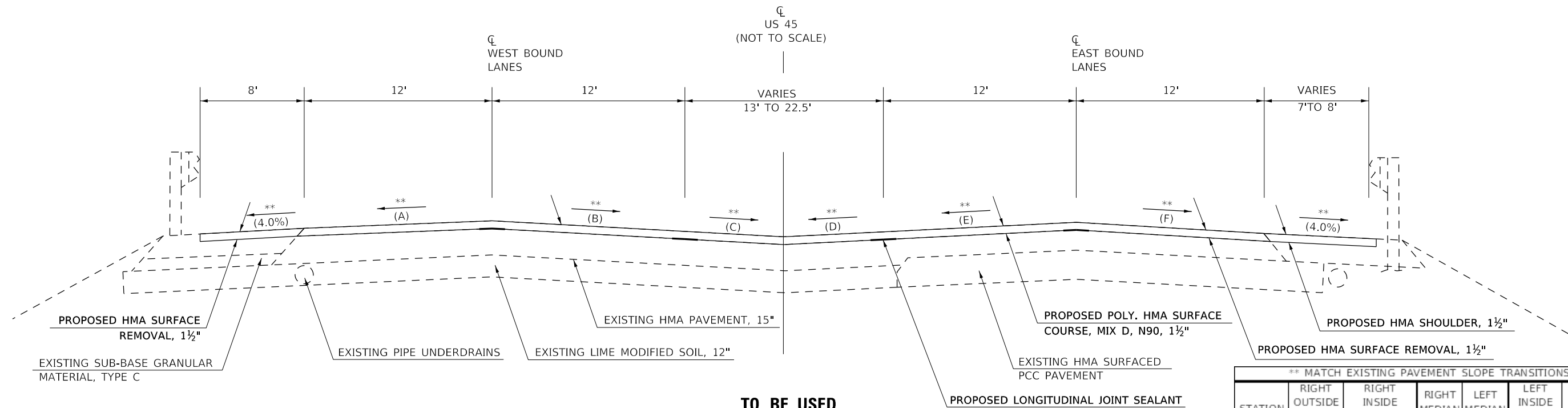
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	15
CONTRACT NO. 78802				
ILLINOIS FED. AID PROJECT				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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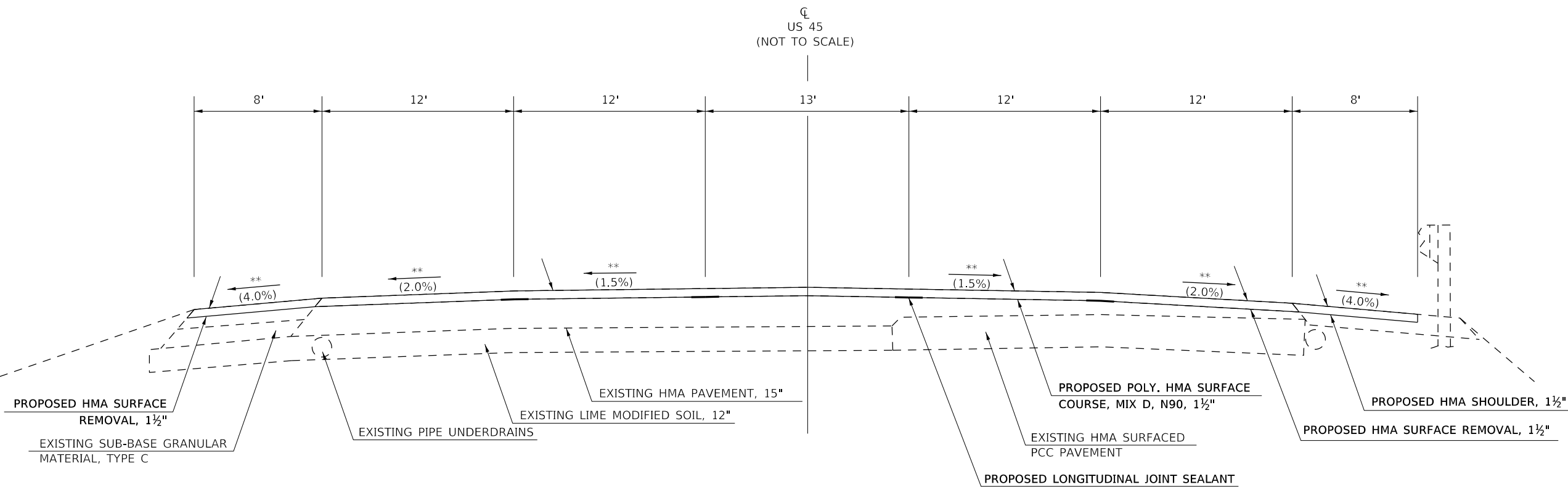


TO BE USED
 STA 101+37 TO STA 110+62

OMISSION
 EB SN 064-0036, STA 104+50 TO STA 107+40
 WB SN 064-0043, STA 104+27 TO STA 107+75

** MATCH EXISTING PAVEMENT SLOPE TRANSITIONS						
STATION	RIGHT OUTSIDE LANE SLOPE	RIGHT INSIDE LANE SLOPE	RIGHT MEDIAN SLOPE	LEFT MEDIAN SLOPE	LEFT INSIDE LANE SLOPE	LEFT OUTSIDE LANE SLOPE
	A	B	C	D	E	F
101+37	-2.00%	-1.50%	-1.50%	-1.50%	-1.50%	-2.00%
102+40	-1.79%	0%	0%	0%	0%	-1.79%
103+78	-1.50%	1.50%	1.90%	2.00%	1.50%	-1.50%
104+37	-1.50%	1.50%	2.00%	2.00%	1.50%	-1.50%
107+54	-1.50%	1.50%	2.00%	2.00%	1.50%	-1.50%
108+10	-1.50%	1.50%	1.90%	2.00%	1.50%	-1.50%
109+54	-1.79%	0%	0%	0%	0%	-1.79%
110+62	-2.00%	-1.50%	-1.50%	-1.50%	-1.50%	-2.00%

*STATIONS WERE CONVERTED FROM METRIC STATIONING AND SHALL BE USED AS REFERENCE. ENGINEER SHALL FIELD VERIFY IF SLOPE IS IN QUESTION.



TO BE USED
 STA 110+62 TO STA 117+04

**** MATCH EXISTING**

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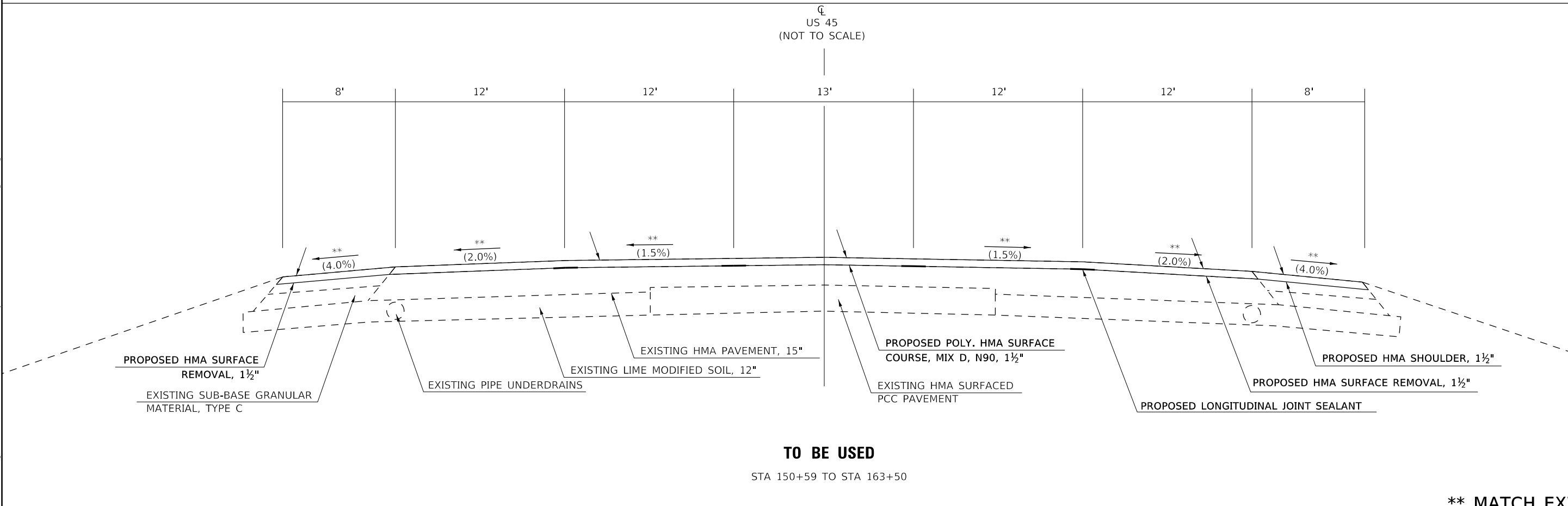
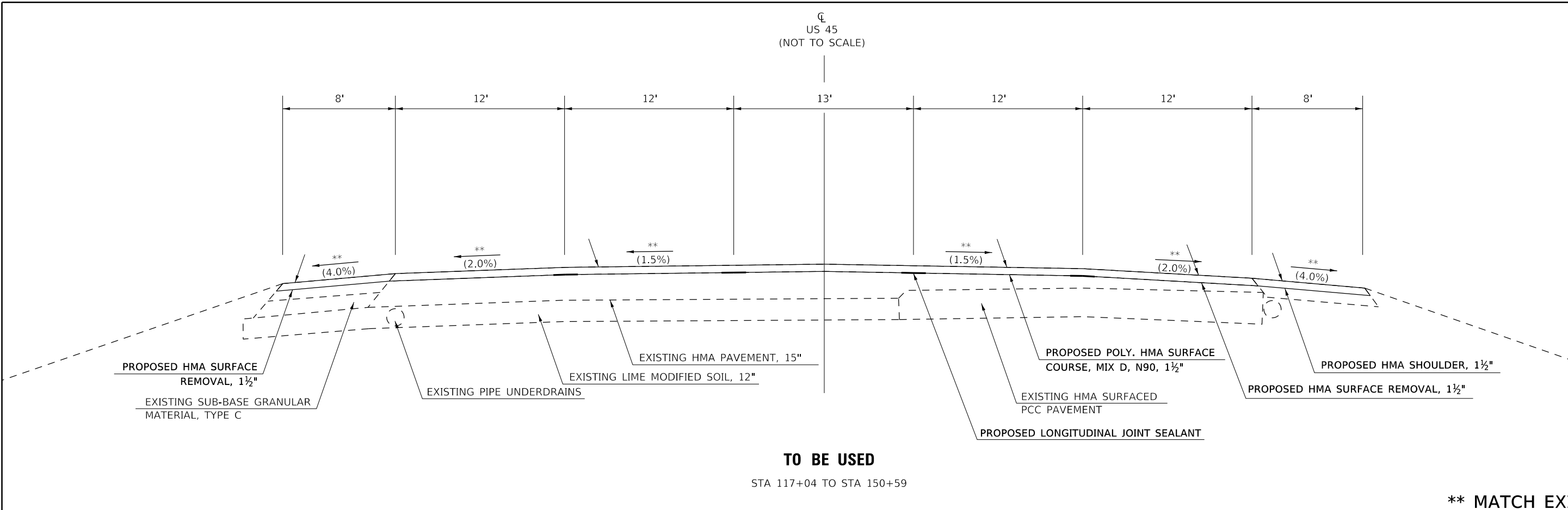
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	17
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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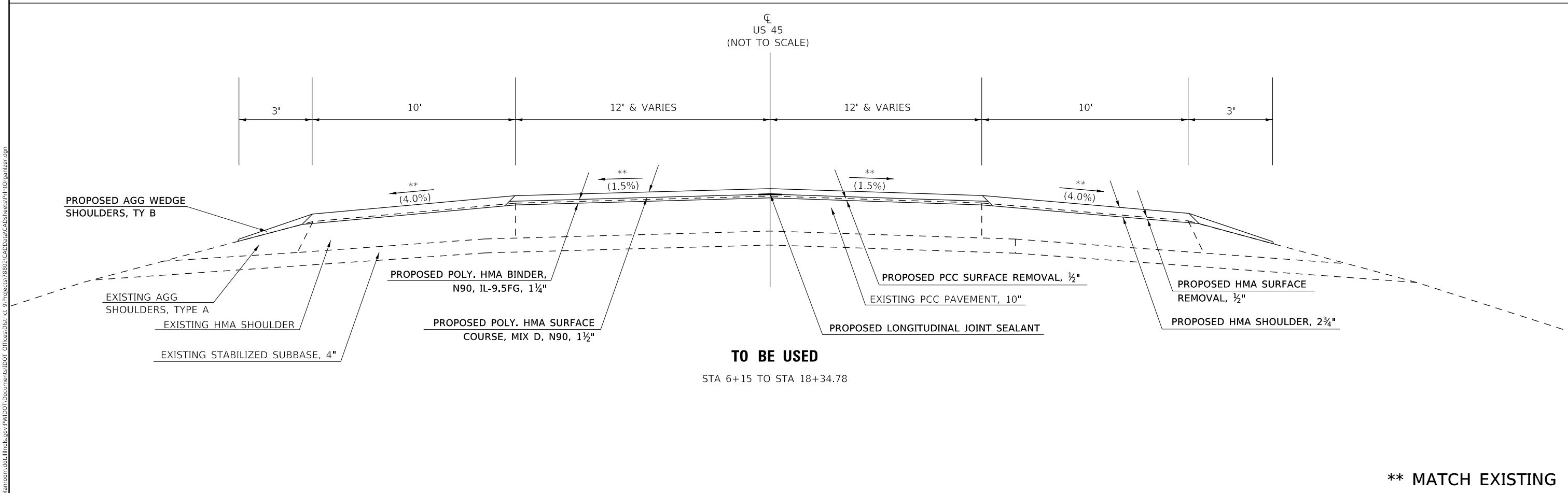
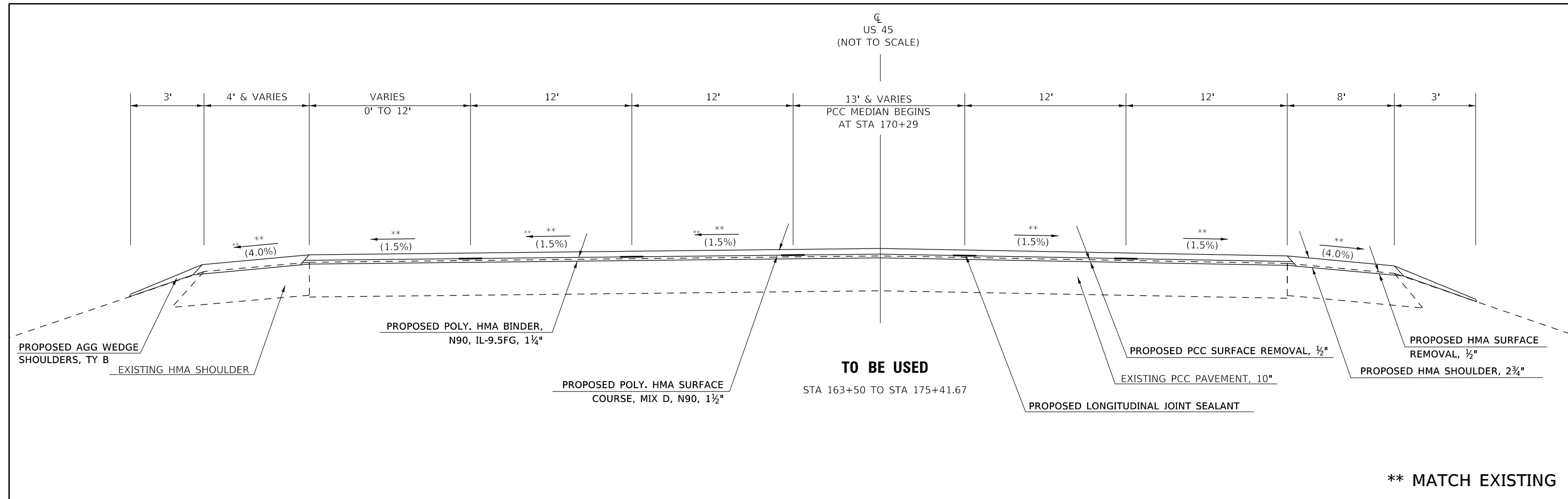
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	18
CONTRACT NO. 78802				
ILLINOIS FED. AID PROJECT			*FAU 9771/FAP 889/FAS 961/FAP 132	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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PLOT DATE = 10/21/2020	DATE -	REVISED -

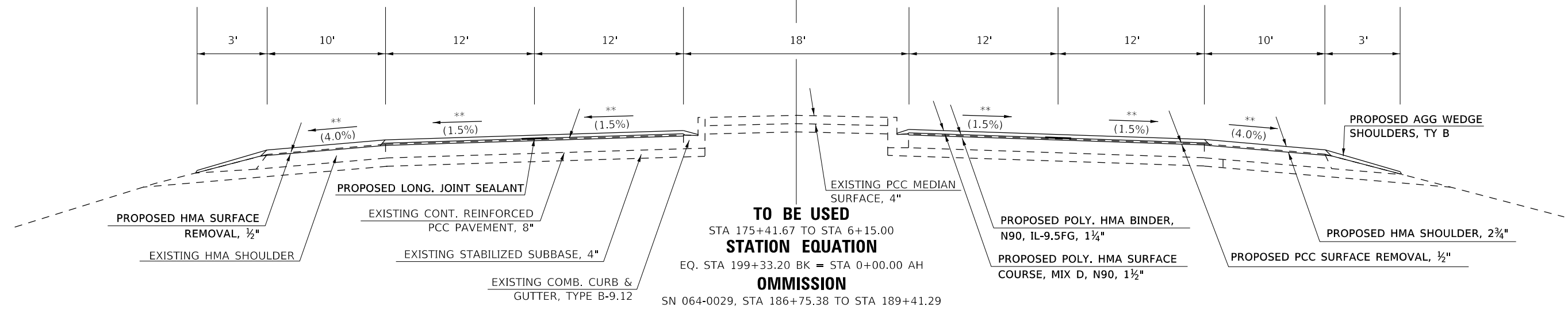
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

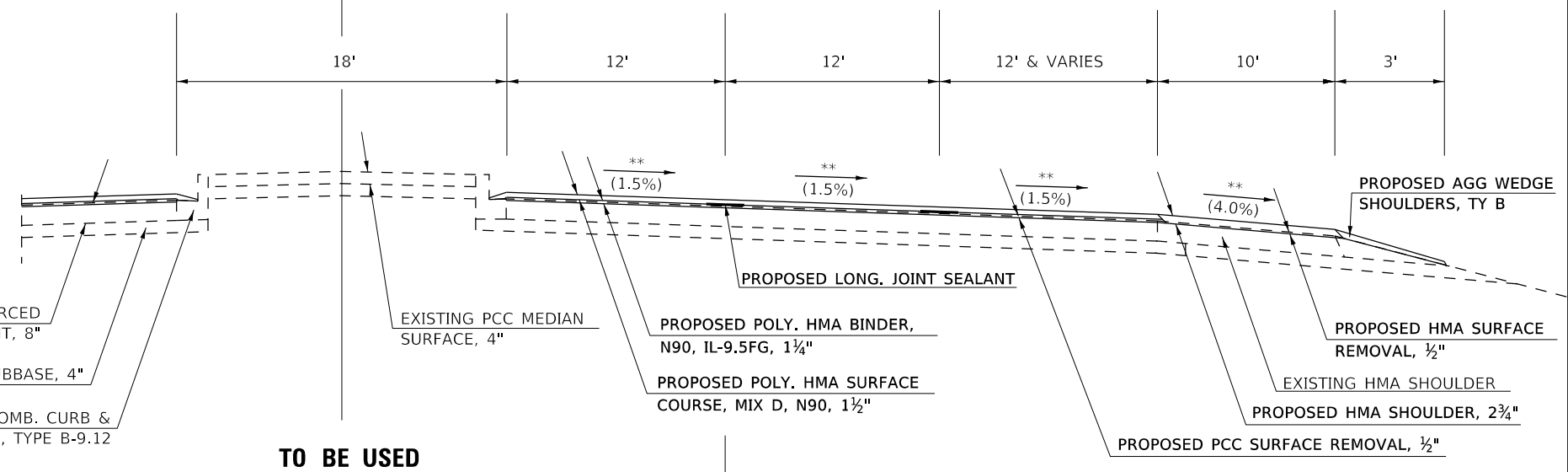
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	19
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

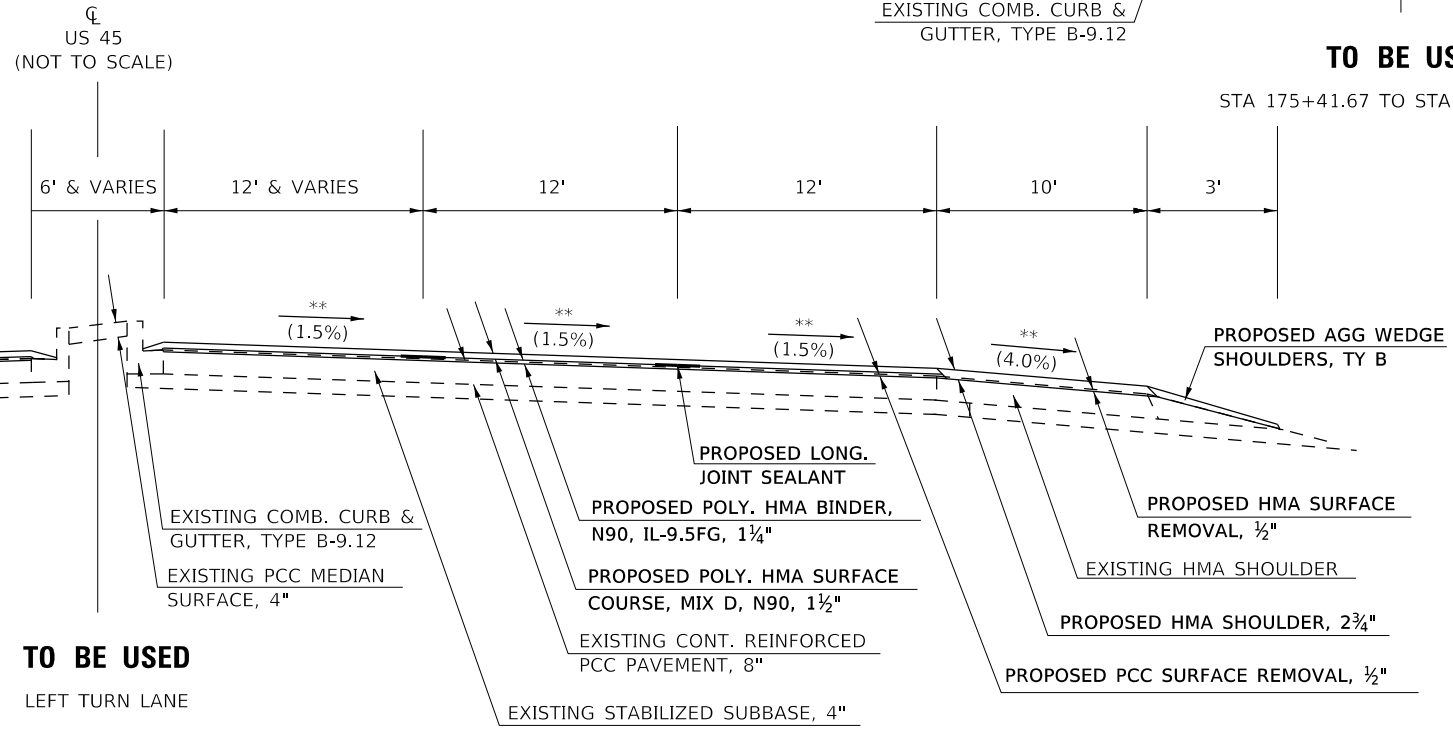
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US 45
(NOT TO SCALE)



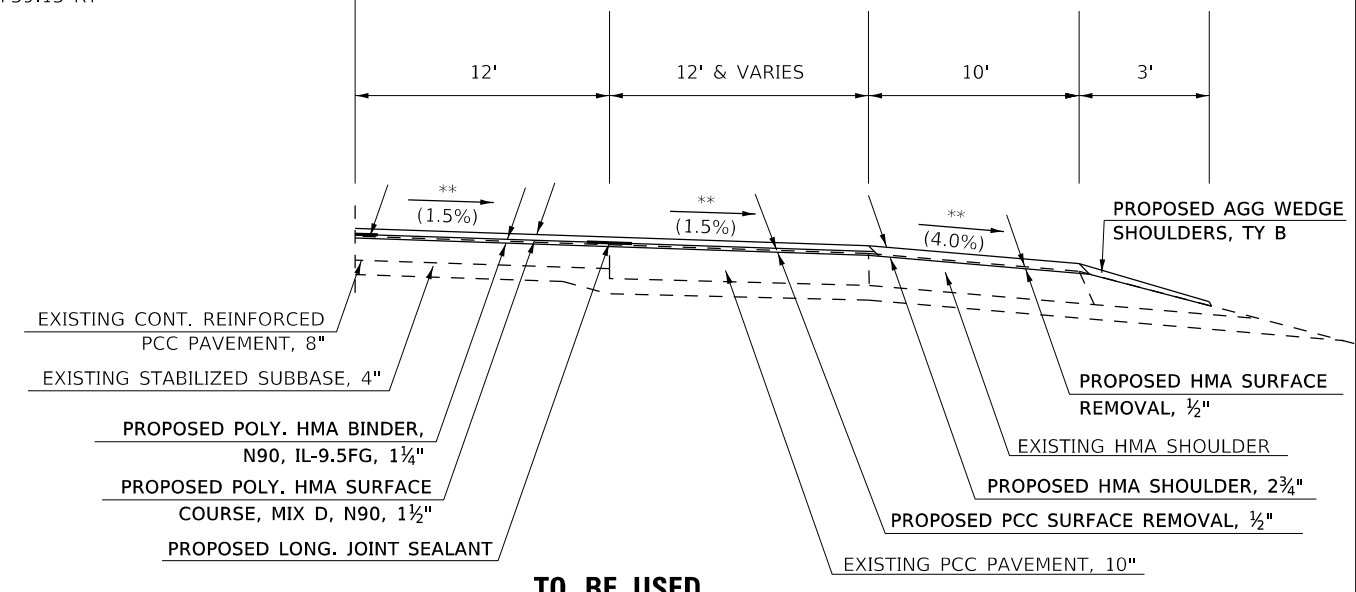
TO BE USED
STA 175+41.67 TO STA 189+41.29
STATION EQUATION
EQ. STA 199+33.20 BK = STA 0+00.00 AH
OMMISSION
SN 064-0029, STA 186+75.38 TO STA 189+41.29



TO BE USED
STA 175+41.67 TO STA 179+39.13 RT



TO BE USED
LEFT TURN LANE



TO BE USED
STA 179+39.13 TO STA 181+03.00 RT

**** MATCH EXISTING**

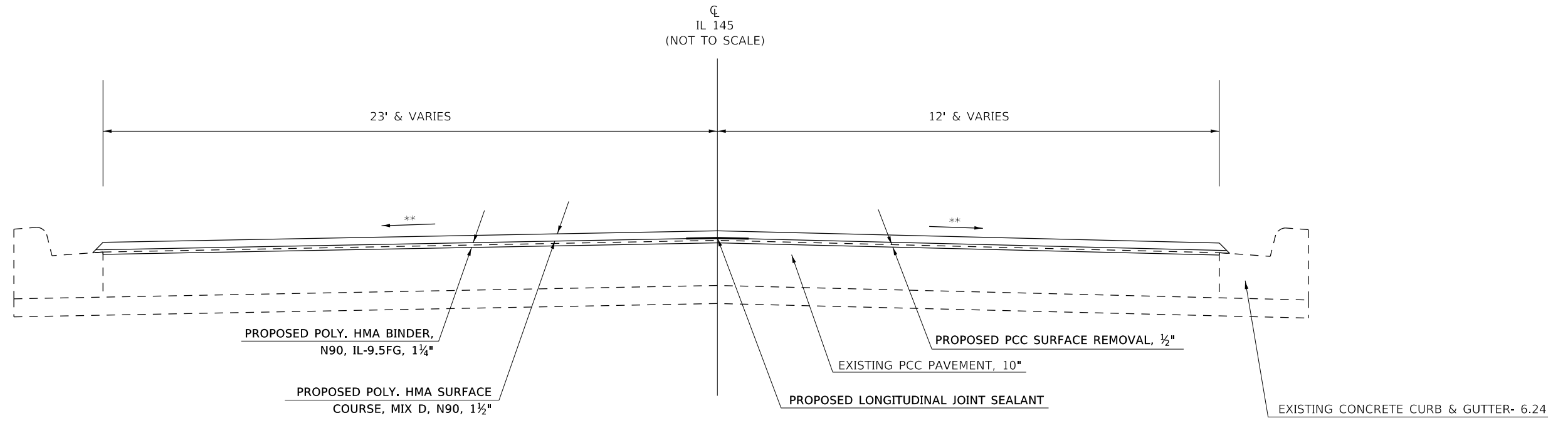
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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

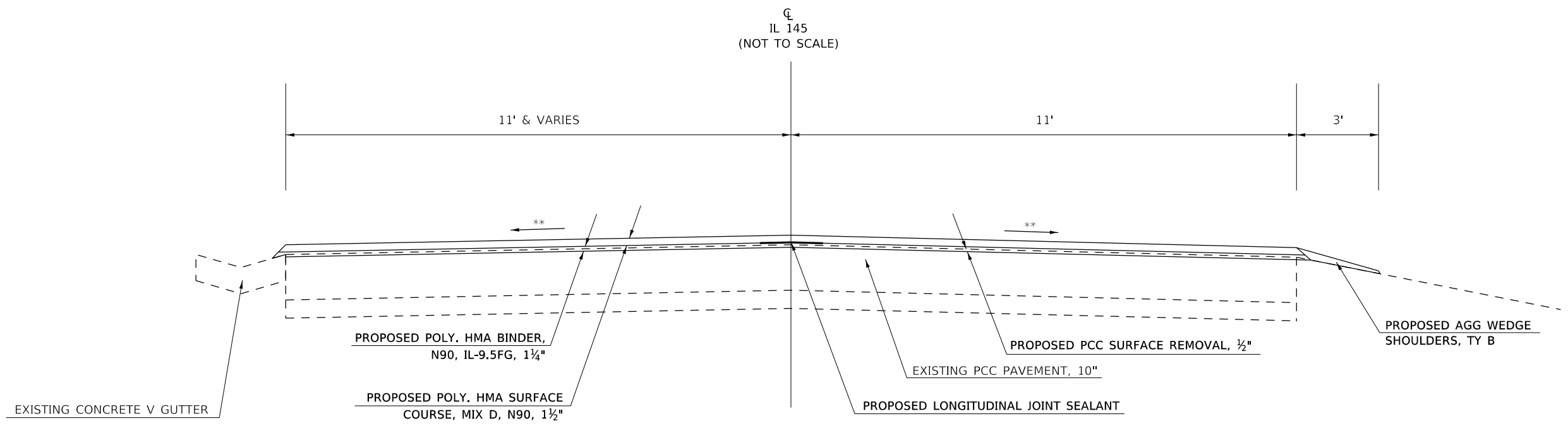
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	20
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

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TO BE USED
STA 0+30.35 TO STA 1+72

**** MATCH EXISTING**



**SECTION WITHIN
"V" GUTTER LIMITS**

TO BE USED
STA 1+72 TO STA 211+50
STATION EQUATION
EQ. STA 8+63.00 BK = STA 211+50.00 AH

**SECTION OUTSIDE
"V" GUTTER LIMITS**

**** MATCH EXISTING**

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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	21
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

PAVEMENT RESURFACING (1 OF 2)

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH	HMA SURF. REM.	HMA SURF. REM.	PCC SURF. REM.	POLY HMA SURF. CSE., MIX "D", N90	POLY HMA BINDER CSE., IL-9.5 FG, N90	POLY. BITUM. MAT. (TACK COAT)	TEMP. RAMP	LONG. JOINT SEAL.	STRIP REFL. CRACK CONT.	PCC SURF. REM.- BUTT JOINT	HMA SURF. REM.- BUTT JOINT *	REMARKS							
															FOR INFORM. PURPOSES ONLY		1/2" *	1 1/2" *	1/2"	(1 1/2")	(1 1/4")
															FT	FT	SQ YD	SQ YD	SQ YD	TON	TON
US 45																					
EQ. STA 1138+15.00		TO STA 1157+14.40			1899.40	55	11608	976		5223	31	9497	1130	SRCCT STA 1138+15 TO STA 1149+45 RIGHT SIDE 8' FROM CURB L							
EQ. STA 1157+14.40	BK =	STA 0+00.00	AH																		
US 45 & 5TH STREET INTERSECTION																					
STA 0+80.00		TO STA 51+80.00			5100.00	48	27200	2285		12240		25500		TEMP. RAMP AT WEST AND SOUTH LEG OF INT.							
STA 51+80.00		TO STA 52+15.17			35.17	48 & VARIES	188	16		84		176									
EQ. STA 52+15.17	BK =	STA 51+51.11	AH																		
STA 51+51.11		TO STA 65+10.00			1358.89	61	9211	774		4145		5996									
STA 65+10.00		TO STA 101+37.00			3627.00	61 & VARIES	25017	2102		11257		14908		INCLUDES WB RIGHT TURN LANE AT 12TH ST.							
STA 101+37.00		TO STA 110+62.00			925.00	61 & VARIES	6681	562		3006	72	3700		MIDDLE TURN LANE WIDTH VARIES GAP EB SN 064-0036, STA 104+50 TO STA 107+40 GAP WB SN 064-0043, STA 104+27 TO STA 107+75							
STA 110+62.00		TO STA 163+50.00			5288.00	61	35841	3011		16128		21152									
STA 163+50.00		TO STA 175+41.67			1191.67	61 & VARIES		8465	711	593		5145		PCC CORRUGATED MEDIAN INCLUDED IN PCC SURF. REM., 1/2" INCLUDES WB RIGHT TURN LANE AT DEVERS RD							
STA 175+41.67		TO STA 179+39.13			397.46	48 & VARIES		2530	213	178		1315		INCLUDES EB RIGHT TURN LANE FOR ON RAMP TO I-24							
STA 179+39.13		TO STA 186+75.38			736.25	48 & VARIES		4621	389	324	70	2103	214	INCLUDES WB LEFT TURN LANE FOR ON RAMP TO I-24							
GAP SN 064-0029 STA 186+75.38 TO STA 189+41.29																					
STA 189+41.29		TO STA 196+50.00			708.71	48 & VARIES		4461	375	313	70	2058	214	INCLUDES EB LEFT TURN LANE FOR ON RAMP TO I-24							
STA 196+50.00		TO STA 199+33.20			283.20	48		1511	127	106		567									
EQ. STA 199+33.20	BK =	STA 0+00.00	AH																		
STA 0+00.00		TO STA 6+15.00			615.00	48		3280	276	230		2214		1230							
STA 6+15.00		TO STA 18+40.00			1225.00	48 & VARIES		6772	569	475		4571		3090							
STA 18+40.00		TO STA 18+85.00			45.00	24	40		14		14	45	80	INCLUDES EB LEFT TURN LANE FOR ON IL 145 PCC CORRUGATED MEDIAN INCLUDED IN PCC SURF. REM., 1/2"							
PARKING LANES																					
EQ. STA 1138+15.00	LT	TO STA 1157+14.40	LT		1899.40	7	1478	125		665											
EQ. STA 1157+14.40	BK =	STA 0+00.00	AH																		
STA 0+83.00	RT	TO STA 32+70.00	RT		3187.00	7	2479	209		1115											
STA 0+83.00	LT	TO STA 32+70.00	LT		3187.00	7	2479	209		1115											
STA 32+70.00		TO STA 32+79.00			9.00	TRANS.		16	2	8				BOTH SIDES TRANSITION TO 9' PARKING LANES							
STA 32+79.00		TO STA 52+15.17	RT		1936.17	9	1937	163		871											
EQ. STA 52+15.17	BK =	STA 51+51.11	AH																		
STA 51+51.11		TO STA 54+00.00	RT		248.89	TRANS.		125	11	56				PARKING LANES TRANSITION 9' TO 0'							
STA 32+79.00		TO STA 55+40.00	LT		2261.00	9	2261	190		1017											
EQ. STA 52+15.17	BK =	STA 51+51.11	AH																		
STA 51+51.11		TO STA 55+40.00	LT		388.89	9	389	33		175											
SUBTOTALS								40	127670	31640	13406	2219	78856	319	96482	1130	0	508			

* ADDITIONAL QUANTITIES SEE SHOULDER SCHEDULE
 TEMPORARY RAMP QUANTITY INCLUDES MAINLINE AND SHOULDER WIDTH.

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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT RESURFACING
SCHEDULE (1 OF 2)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	22
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

PAVEMENT RESURFACING (2 OF 2)

LOCATION STATION TO STATION				LENGTH	ROADWAY WIDTH	HMA SURF. REM.	HMA SURF. REM.	PCC SURF. REM.	POLY HMA SURF. CSE., MIX "D", N90	POLY HMA BINDER CSE., IL- 9.5 FG, N90	POLY. BITUM. MAT. (TACK COAT)	TEMP. RAMP	LONG. JOINT SEAL.	STRIP REFL. CRACK CONT.	PCC SURF. REM. - BUTT JOINT	HMA SURF. REM. - BUTT JOINT *	REMARKS												
																		FOR INFORM. PURPOSES ONLY		1/2* *	1 1/2* *	1/2*	(1 1/2*)	(1 1/4*)					
																		FT	FT	SQ YD	SQ YD	SQ YD	TON	TON	LBS	SQ YD	FT	FT	SQ YD
IL 145																													
EQ	STA	0+30.35	TO STA	8+63.00		832.65	VARIES			3163	266		222		2135		1403												
	STA	8+63.00	BK =	STA	211+50.00	AH																							
	STA	211+50.00	TO STA	211+69.00		19.00	22			47	4		4		31		19												
	STA	211+69.00	TO STA	212+14.00		45.00	22				13			14	50		45	74											
DEVERS RD - NORTH																													
	STA	0+00.00	TO STA	0+35.00		35.00	VARIES			477	41		34		321			EXISTING MAINLINE EOP = STA 0+00											
	STA	0+35.00	TO STA	0+80.00		45.00	VARIES				35			30	139		309												
DEVERS RD - SOUTH																													
	STA	0+00.00	TO STA	0+65.00		65.00	VARIES			656	56		46		443			EXISTING MAINLINE EOP = STA 0+00											
	STA	0+65.00	TO STA	1+10.00		45.00	VARIES				27			24	105		234												
I-24 EAST OFF RAMP (RAMP D)																													
	STA	20+00.00	TO STA	19+00.00		100.00	VARIES			481	41		34		325			EXISTING MAINLINE EOP JOINT = STA 20+00											
	STA	19+00.00	TO STA	18+65.00		35.00	16			18	6				28			240:1 FEATHER TAPER SEE DETAIL											
I-24 EAST ON RAMP (RAMP C)																													
	STA	0+34.00	TO STA	1+63.00		129.00	VARIES			776	66		55		523			EXISTING MAINLINE EOP JOINT = STA 0+34											
	STA	1+63.00	TO STA	1+98.00		35.00	16			18	6				28			240:1 FEATHER TAPER SEE DETAIL											
I-24 WEST OFF RAMP (RAMP B)																													
	STA	21+73.00	TO STA	20+50.00		123.00	VARIES			554	47		39		373			EXISTING MAINLINE EOP JOINT = STA 21+73											
	STA	20+50.00	TO STA	20+15.00		35.00	16			18	6				28			240:1 FEATHER TAPER SEE DETAIL											
I-24 WEST ON RAMP (RAMP A)																													
	STA	0+33.00	TO STA	1+19.00		86.00	VARIES			391	33		28		264			EXISTING MAINLINE EOP JOINT = STA 0+34											
	STA	1+19.00	TO STA	1+54.00		35.00	16			18	6				28			240:1 FEATHER TAPER SEE DETAIL											
FORT MASSAC REST AREA ENTRANCE																													
	STA	0+00.00	TO STA	1+19.00		119.00	VARIES			335	29		24		226			EXISTING MAINLINE EOP JOINT = STA 0+00											
	STA	1+19.00	TO STA	1+64.00		45.00	16			27	9			13	36		54												
FORT MASSAC REST AREA EXIT																													
	STA	0+00.00	TO STA	0+80.00		80.00	VARIES			478	41		34		323			EXISTING MAINLINE EOP JOINT = STA 0+00											
	STA	0+80.00	TO STA	1+25.00		45.00	16			27	9			13	36		54												
SUBTOTAL						37	0	7484	741	520	5442	94	1467	0	651	74													
PROJECT TOTALS						77	127670	39124	14147	2739	84298	413	97949	1130	651	582													

* ADDITIONAL QUANTITIES SEE SHOULDER SCHEDULE
 TEMPORARY RAMP QUANTITY INCLUDES MAINLINE AND SHOULDER WIDTH.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT RESURFACING SCHEDULE (2 OF 2)			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	23
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

SHOULDER RESURFACING (1 OF 2)

LOCATION							LENGTH	HMA SHOULDER WIDTH	AGG. SHOULDER WIDTH	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL BUTT JOINT	HMA SHOULDERS	HMA SHOULDERS	BITUM. MAT. (TACK COAT)	AGG. WEDGE SHOULDER, TY. B	REMARKS
							FOR INFORMATIONAL PURPOSES ONLY			1 1/2" *	1/2"		(1 1/2")	(2 3/4")	*	*	
							FT	FT	FT	SQ YD	SQ YD	SQ YD	TON	TON	LBS	TON	
US 45																	
STA	58+65.00	RT	TO	STA	65+10.00	RT	645.00	11		789			67		355		
STA	95+21.00	LT	TO	STA	104+27.00	LT	906.00	VARIES 4 - 8		660			56		297		
STA	96+45.00	RT	TO	STA	104+50.00	RT	805.00	8		716			61		322		
GAP WB SN 064-0043 STA 104+27 TO STA 107+75																	
GAP EB SN 064-0036 STA 104+50 TO STA 107+40																	
STA	107+75.00	LT	TO	STA	163+80.00	LT	5,605.00	8		4983			419		2242		
STA	107+40.00	RT	TO	STA	164+00.00	RT	5,660.00	8		5032			423		2264		
GAP DEVERS RD INTERSECTION																	
STA	165+78.00	LT	TO	STA	186+75.38	LT	2,097.38	VARIES 4 - 10			1975			305	889	51	GAP I-24 OFF RAMP
STA	166+00.00	RT	TO	STA	174+06.00	RT	806.00	8			717			111	323	22	
STA	174+06.00	RT	TO	STA	186+76.38	RT	1,270.38	10			1206	45		193	563	30	GAP I-24 ON RAMP
GAP SN 064-009 STA 186+75.38 TO STA 189+41.29																	
STA	189+41.29	LT	TO	STA	196+50.00	LT	708.71	10			582	45		97	282	15	GAP I-24 ON RAMP
STA	189+41.29	RT	TO	STA	196+50.00	RT	708.71	10			788			122	355	19	
STA	196+50.00	LT	TO	STA	199+33.20	LT	283.20	10			315			49	142	8	
STA	196+50.00	RT	TO	STA	199+33.20	RT	283.20	10			157			25	71	4	GAP I-24 OFF RAMP
EQ. STA	199+33.20	BK	=	STA	0+00.00	AH											
STA	0+00.00	LT	TO	STA	6+15.00	LT	615.00	10			507			79	228	12	GAP IL 145
STA	0+00.00	RT	TO	STA	6+15.00	RT	615.00	10			369			57	166	9	GAP REST AREA ENTRANCE & EXIT
STA	6+15.00	LT	TO	STA	18+40.00	LT	1,225.00	10			1362			210	613	32	
STA	6+15.00	RT	TO	STA	18+40.00	RT	1,225.00	10			1362			210	613	32	
STA	18+40.00		TO	STA	18+85.00	LT	45.00	10			17	34		8	23	2	
STA	18+40.00		TO	STA	18+85.00	RT	45.00	10			17	34		8	23	2	
IL 145																	
STA	5+72.00	RT	TO	STA	8+63.00	RT	291.00									5	3' AGG WEDGE, ENT. QUANT. OMITTED
EQ. STA	8+63.00	BK	=	STA	211+50.00	AH											
STA	211+50.00	RT	TO	STA	211+69.00	RT	19.00									1	3' AGG WEDGE
STA	211+69.00	RT	TO	STA	212+14.00	RT	45.00									2	3' AGG WEDGE
SUBTOTAL										12180	9374	158	2500	9771	246		

* ADDITIONAL QUANTITIES SEE ENTRANCE SCHEDULE

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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER RESURFACING SCHEDULE (1 OF 2)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	24
CONTRACT NO. 78802				

SHOULDER RESURFACING (2 OF 2)

LOCATION							LENGTH	HMA SHOULDER WIDTH	AGG. SHOULDER WIDTH	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL	HMA SURFACE REMOVAL BUTT JOINT	HMA SHOULDERS	HMA SHOULDERS	BITUM. MAT. (TACK COAT) *	AGG. WEDGE SHOULDER, TY. B	REMARKS
							FOR INFORMATIONAL PURPOSES ONLY			1 1/2" *	1/2"		(1 1/2")	(2 3/4")	*		
							FT	FT	FT	SQ YD	SQ YD	SQ YD	TON	TON	LBS	TON	
I-24 EAST OFF RAMP (RAMP D)																	
STA	20+00.00	LT	TO	STA	19+00.00	LT	178.00	6	4				19	54	7		LENGTH MEASURED ALONG RADIUS
STA	19+00.00	LT	TO	STA	18+65.00	LT	35.00	6	4				3	6	1		240:1 FEATHER TAPER SEE DETAIL
STA	20+00.00	RT	TO	STA	19+00.00	RT	97.00	4	4				7	20	4		LENGTH MEASURED ALONG RADIUS
STA	19+00.00	RT	TO	STA	18+65.00	RT	35.00	4	4				2	4	1		240:1 FEATHER TAPER SEE DETAIL
I-24 EAST ON RAMP (RAMP C)																	
STA	0+34.00	LT	TO	STA	1+63.00	LT	132.00	4	4				10	27	5		LENGTH MEASURED ALONG RADIUS
STA	1+63.00	LT	TO	STA	1+98.00	LT	35.00	4	4				2	4	1		240:1 FEATHER TAPER SEE DETAIL
STA	0+34.00	RT	TO	STA	1+63.00	RT	198.00	6	4				21	60	7		LENGTH MEASURED ALONG RADIUS
STA	1+63.00	RT	TO	STA	1+98.00	RT	35.00	6	4				3	6	1		240:1 FEATHER TAPER SEE DETAIL
I-24 WEST OFF RAMP (RAMP B)																	
STA	21+73.00	LT	TO	STA	20+50.00	LT	190.00	6	4				20	57	7		LENGTH MEASURED ALONG RADIUS
STA	20+50.00	LT	TO	STA	20+15.00	LT	35.00	6	4				3	6	1		240:1 FEATHER TAPER SEE DETAIL
STA	21+73.00	RT	TO	STA	20+50.00	RT	125.00	4	4				9	25	5		LENGTH MEASURED ALONG RADIUS
STA	20+50.00	RT	TO	STA	20+15.00	RT	35.00	4	4				2	4	1		240:1 FEATHER TAPER SEE DETAIL
I-24 WEST ON RAMP (RAMP A)																	
STA	0+33.00	LT	TO	STA	1+19.00	LT	140.00	4	4				10	28	5		LENGTH MEASURED ALONG RADIUS
STA	1+19.00	LT	TO	STA	1+54.00	LT	35.00	4	4				2	4	1		240:1 FEATHER TAPER SEE DETAIL
STA	0+33.00	RT	TO	STA	1+19.00	RT	107.00	6	4				11	33	4		LENGTH MEASURED ALONG RADIUS
STA	1+19.00	RT	TO	STA	1+54.00	RT	35.00	6	4				3	6	1		240:1 FEATHER TAPER SEE DETAIL
FORT MASSAC REST AREA ENTRANCE																	
STA	0+00.00	RT	TO	STA	0+73.00	RT	121.00	6	3				13	37	4		LENGTH MEASURED ALONG RADIUS
STA	0+73.00	RT	TO	STA	1+18.00	RT	45.00	6	3			30	5	14	2		
FORT MASSAC REST AREA EXIT																	
STA	0+00.00	LT	TO	STA	0+80.00	LT	147.00	6	10				16	45	13		LENGTH MEASURED ALONG RADIUS
STA	0+80.00	LT	TO	STA	1+25.00	LT	45.00	6	10			30	5	14	4		
SUBTOTALS										0	851	60	166	454	75		
PROJECT TOTALS										12180	10225	218	2666	10225	321		

* ADDITIONAL QUANTITIES SEE ENTRANCE SCHEDULE

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USER NAME = fowler DESIGNED - DRAWN - PLOT SCALE = 120,0000' / in. CHECKED - PLOT DATE = 10/21/2020 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER RESURFACING SCHEDULE (2 OF 2)	F.A. RTE. * **	SECTION **	COUNTY MASSAC	TOTAL SHEETS 81	SHEET NO. 25
SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		CONTRACT NO. 78802			

PAVEMENT MARKINGS (1 OF 4)

START STATION	END STATION	NOTES	THERMOPLASTIC PAVEMENT MARKING														SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM				
			LINE- 4" WHITE				LINE- 4" YELLOW						LINE- 6"	LINE 12"								LINE- 24"			
			SOLID LT	SKIP-DASH LT	SKIP-DASH RT	SOLID RT	SOLID LT	2 WAY TURN. LN. SOLID LT	SKIP-DASH LT	SKIP-DASH RT	2 WAY TURN. LN. SOLID RT	DOUBLE SOLID	SOLID RT	WHITE	WHITE	YELLOW						WHITE			
FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	SQ FT	SQ FT	EACH	EACH					
US 45																									
1138+15		STOP BAR																	22	264	88	44			
1138+17		STOP BAR																	11	132	44	22			
1138+17	1139+67	RIGHT TURN LANE	150																	300	100	50	4	4	
1138+19	1139+67	THROUGH LANE	148																	296	99	50	4	4	
1138+17	1140+67								500											50	17	167	14	14	
1138+17	1141+00				71															58	20	24	4	4	
1139+67	1141+00			34																28	10	12	2	2	
1140+67	1141+00																			16	6	28	2	2	
1141+00	1154+75			344	344			33	9	9	33									1,104	368	1,376	106	106	
1154+75	1156+90			54	29															132	44	171	17	17	
1155+90	1157+00	THROUGH LANE	110																	220	74	37	3	3	
1155+90	1157+00	RIGHT TURN LANE	110																	220	74	37	3	3	
1156+90		STOP BAR																	11	132	44	22			
1157+00		STOP BAR																	22	264	88	44			
US 45 / 5TH ST		CROSS WALK												505						1,010	337	253			
199+54		STOP BAR (5TH ST.)																		26	312	104	52		
0+83		STOP BAR																		28	336	112	56		
0+86		STOP BAR																		11	132	44	22		
0+86	1+86	RIGHT TURN LANE					100													200	67	34	3	3	
0+86	1+86	THROUGH LANE					100													200	67	34	3	3	
0+86	3+00						54								428					132	44	161	15	15	
3+00	52+15.17			1,229	1,229										9,830					2,952	984	4,097	247	247	
EQ. STA 52+15.17 BK = STA 51+51.11 AH																									
51+51.11	52+40			23	23										178					54	18	75	7	7	
52+40	53+50	TRANS. TO TURN LANE		28	28										440					88	30	206	10	10	
53+50	58+65			129	129				515	129	129	515								416	139	516	40	40	
58+65	63+00			109	109	435			435	109	109	435								388	130	581	34	34	
63+00	65+40			60	60	240								480						164	55	280	18	18	
64+20	65+40	NB LEFT TURN LANE (7TH ST)				120														240	80	40	3	3	
65+40	66+65			32	32															52	18	22	4	4	
66+65	67+85	SB LEFT TURN LANE (7TH ST)	120																	240	80	40	3	3	
66+65	68+90			57	57									450						138	46	188	18	18	
68+90	92+00			578	578				2,310	578	578	2,310								1,848	616	2,311	174	174	
SUBTOTALS			31,463														505	40	131	12,118	4,047	11,052	738	738	

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USER NAME = fowler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE (1 OF 4)	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 120,0000 ' / in.	CHECKED -	REVISED -			**											MASSAC	81	26
PLOT DATE = 10/21/2020	DATE -	REVISED -															CONTRACT NO. 78802	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

PAVEMENT MARKINGS (2 OF 4)

START STATION	END STATION	NOTES	THERMOPLASTIC PAVEMENT MARKING														SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM				
			LINE- 4" WHITE				LINE- 4" YELLOW							LINE- 6"	LINE 12"							LINE- 24"			
			SOLID LT	SKIP-DASH LT	SKIP-DASH RT	SOLID RT	SOLID LT	2 WAY TURN. LN. SOLID LT	SKIP-DASH LT	SKIP-DASH RT	2 WAY TURN. LN. SOLID RT	DOUBLE SOLID	SOLID RT	WHITE	WHITE	YELLOW						WHITE			
			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT						FT			
US 45																									
92+00	94+18			55	55											436						132			
93+00	94+18	NB LEFT TURN LANE (12TH ST)																				236			
94+18		STOP BAR (NB LEFT TURN)																				13			
94+63		STOP BAR (NB THROUGH)																				24			
95+25		STOP BAR (SB RIGHT TURN)																				12			
95+40		STOP BAR (SB THROUGH)																				24			
95+65		STOP BAR (SB LEFT TURN)																				13			
95+25	97+20	SB RIGHT TURN (12TH ST)	195																			390			
95+40	97+20	SB THROUGH (12TH ST)	180																			360			
95+65	96+77	SB LT. TURN LN. (12TH ST)	112																			224			
95+65	97+20			39	39											310						96			
97+20	98+00		80	20	20	80										160						56			
98+00	100+50		250	63	63	250			250	63	63	250										240			
100+50	102+40	HATCH MIDDLE TURN LN. (45 DEGREE DIAGONALS AT 30' O.C.)	190	48	48	190										760			108			184			
102+40	104+27	GAP WB SN 064-0043	187	47																		70			
102+40	104+50	GAP EB SN 064-0036			53	210	210															78			
107+75	109+65		190	48																		190			
107+40	109+65				57	225	225															82			
109+65	111+45	HATCH MIDDLE TURN LN. (45 DEGREE DIAGONALS AT 30' O.C.)	180	45	45	180										720			108			176			
111+45	161+10		4,965	1,242	1,242	4,965			4,965	1,242	1,242	4,965										4,772			
161+10	164+20		280	78	78	280										620						238			
164+20		STOP BAR (EB LEFT TURN)																				13			
164+34		STOP BAR (EB THROUGH)																				24			
164+34		STOP BAR (EB RIGHT TURN)																				18			
165+15		STOP BAR (WB RIGHT TURN)																				25			
165+15		STOP BAR (WB THROUGH)																				24			
165+25		STOP BAR (WB LEFT TURN)																				13			
165+15	167+50	WB RIGHT TURN	235																			705			
165+15	167+30	WB LEFT TURN	215																			645			
165+15	167+60		215	62	62	215										490						285			
167+60	171+90	HATCH MIDDLE LANE (45 DEGREE DIAGONALS AT 20' O.C.)	430	108	108	430										1,720			220			495			
171+90	175+77		387	97	97	387	387															447			
SUBTOTALS			39,582														0	436		203	13,119	4,378	14,042	596	596

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USER NAME = fowler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 120,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
SCHEDULE (2 OF 4)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	27
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

PAVEMENT MARKINGS (3 OF 4)

START STATION	END STATION	NOTES	THERMOPLASTIC PAVEMENT MARKING														SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM	
			LINE- 4" WHITE				LINE- 4" YELLOW							LINE- 6"	LINE 12"							LINE- 24"
			SOLID LT	SKIP-DASH LT	SKIP-DASH RT	SOLID RT	SOLID LT	2 WAY TURN. LN. SOLID LT	SKIP-DASH LT	SKIP-DASH RT	2 WAY TURN. LN. SOLID RT	DOUBLE SOLID	SOLID RT	WHITE	WHITE	YELLOW						WHITE
			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT						FT
US 45																						
175+77	179+49	EB RIGHT TURN FOR I-24				372												1,116	372	124		
177+82	180+48	EDGE LINE THROUGH LANE				266												798	266	89	7	7
175+77	180+48		471	118	118													402	134	236	12	12
180+48		STOP BAR (EB THROUGH)														24		432	144	48		
180+92	186+75		583	146	146	583												354	118	486	16	16
181+62		STOP BAR (WB THROUGH)														24		432	144	48		
181+92		STOP BAR (WB LT. TURN I-24)														12		216	72	24		
181+62	184+27	EDGE LINE LT. TURN I-24	265															795	265	89	7	7
181+92	186+75					483						483								322		
GAP SN 064-0029 STA 186+75.38 TO STA 189+41.29																						
189+41	195+01		560	140	140	560												474	158	467	14	14
189+41	194+51					510						510								340		
191+97	194+72	EDGE LINE LT. TURN LANE I-24				275												825	275	92	7	7
194+51		STOPBAR (EB LEFT TURN I-24)													12			216	72	24		
194+72		STOP BAR (EB THROUGH)													12			216	72	24		
194+82		STOP BAR (EB THROUGH)													12			216	72	24		
195+36		STOP BAR (WB THROUGH)													12			216	72	24		
195+50		STOP BAR (WB THROUGH)													12			216	72	24		
195+36	199+33		397	100	100	397	397					397						336	112	596	10	10
EQ. STA 199+33.20 BK = STA 0+00 AH																						
0+00	1+00		100	25	25													72	24	50	4	4
1+00	5+26		426	107	107	426	426					426						366	122	640	12	12
2+84	5+64	EDGE LINE, LEFT TURN IL 145				280												840	280	94	7	7
5+26	6+20			24	24	94												72	24	48	4	4
6+20	7+70		150	38	38	150	150					150						126	42	226		
7+70	13+25	WB MERGES TO ONE LANE	555	139		1,110	555					555						474	158	972	63	63
11+00	13+20	HATCH MIDDLE MERGE (45 DEGREE DIAGONALS AT 20' O.C.)													90					90		
13+25	18+85		560			635	560										140	1,626	542	632	7	7
IL 145																						
0+40		STOP BAR (THROUGH / LEFT)													12			216	72	24		
0+44		STOP BAR (RIGHT TURN)													22			264	88	44		
0+40	3+05	RIGHT TURN	265															795	265	89	7	7
0+40	1+57											234						36	12	78	2	2
1+57	3+77					220						440						66	22	220	3	3
3+77	8+63		486			486						972						147	49	648	7	7
EQ. STA 8+63 BK = STA 211+50 AH																						
211+50	212+14		64			64						128						21	7	86	1	1
SUBTOTALS																						
			19,851										0	90	154	12,381	4,127	7,022	190	190		

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USER NAME = fowler	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 120,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
SCHEDULE (3 OF 4)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	28
CONTRACT NO. 78802				

PAVEMENT MARKINGS (4 OF 4)

START STATION	END STATION	NOTES	THERMOPLASTIC PAVEMENT MARKING														SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM	RAISED REFL PVMT MARK	RAISED REFL PVMT MARK REM		
			LINE- 4" WHITE				LINE- 4" YELLOW								LINE- 6"	LINE 12"						LINE- 24"	
			SOLID LT	SKIP-DASH LT	SKIP-DASH RT	SOLID RT	SOLID LT	2 WAY TURN. LN. SOLID LT	SKIP-DASH LT	SKIP-DASH RT	2 WAY TURN. LN. SOLID RT	DOUBLE SOLID	SOLID RT	WHITE	WHITE	YELLOW						WHITE	
			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT						FT	
DEVERS RD (NORTH)																							
		STA 0+00 = MAINLINE EOP																					
0+10		STOP BAR (THROUGH)													12			216	72	24			
0+10		STOP BAR (RIGHT TURN)													20			360	120	40			
0+25		STOP BAR (LEFT TURN)													12			216	72	24			
0+25	0+80									110							18	6	37	1	1		
0+25	0+80	RIGHT TURN EDGELINE	55														165	55	19	2	2		
0+00		ISLAND (THROUGH & RIGHT)														150							
DEVERS RD (SOUTH)																							
		STA 0+00 = MAINLINE EOP																					
0+08		STOP BAR (THROUGH)													12			216	72	24			
0+08		STOP BAR (RIGHT TURN)													20			360	120	40			
0+25		STOP BAR (LEFT TURN)													12			216	72	24			
0+25	1+10									170							27	9	57	2	2		
0+25	0+85	THROUGH EDGELINE	60														180	60	20				
0+00		ISLAND (THROUGH & RIGHT)														170							
I-24 EAST OFF RAMP (RAMP D)																							
		STA 20+00 = MAINLINE EOP																					
	19+84	STOP BAR (THROUGH / LEFT)													18			324	108	36			
	19+95	STOP BAR (RIGHT TURN)													18			324	108	36			
	19+85	ISLAND	147												100					149			
20+00	18+65		213														49	17	115				
I-24 EAST ON RAMP (RAMP C)																							
		STA 0+33 = MAINLINE EOP																					
0+75		STOP BAR (EB RIGHT TURN)													18			324	108	36			
0+34	1+98						233	160									20	7	131				
I-24 WEST OFF RAMP (RAMP B)																							
		STA 21+73 = MAINLINE EOP																					
21+65		STOPBAR (THROUGH / LEFT)													18			324	108	36			
21+61		STOPBAR (RIGHT TURN)													18			324	108	36			
21+73		ISLAND	156													109				161			
21+73	20+15		225														48	16	129				
I-24 WEST ON RAMP (RAMP A)																							
		STA 0+33 = MAINLINE EOP																					
0+46		STOP BAR (WB RIGHT TURN)													18			324	108	36			
0+33	1+54						175	142									48	16	106				
FORT MASSAC REST AREA ENTRANCE																							
		STA 0+00 = MAINLINE EOP																					
0+00	1+18						166										20	7	56				
0+09	1+18							109											37				
FORT MASSAC REST AREA EXIT																							
		STA 0+00 = MAINLINE EOP																					
0+09		STOP BAR (THROUGH / LEFT)													22			396	132	44			
0+09		STOP BAR (RIGHT TURN)													22			396	132	44			
0+09	1+25																		39				
0+00	1+25		192														24	8	64				
SUBTOTALS								2,721						0	529	240	4,919	1,641	1,920	5	5		
PROJECT TOTALS								93.617						505	1,095	728	42,537	14,193	34,036	1,529	1,529		

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USER NAME = fowlera	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 120,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE (4 OF 4)				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	29
CONTRACT NO. 78802				

LETTERS AND SYMBOLS (1 OF 2)

STATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS								SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM
	WHITE										
	ARROW				2 ARROW COMB.	ONLY					
	SQ FT				SQ FT	SQ FT					
	LEFT	THROUGH	RIGHT	BI-DIRECT. TURN LANE	LEFT & THROUGH	LEFT	THROUGH	RIGHT			
US 45											
1139+29	15.6	11.5	15.6						410	137	42.7
1139+57						20.8	20.8	20.8	576	192	62.4
1142+22				15.6					137	46	15.6
1142+45				15.6					137	46	15.6
1144+79				15.6					137	46	15.6
1145+02				15.6					137	46	15.6
1146+18				15.6					137	46	15.6
1146+41				15.6					137	46	15.6
1148+75				15.6					137	46	15.6
1148+98				15.6					137	46	15.6
1150+14				15.6					137	46	15.6
1150+37				15.6					137	46	15.6
1152+72				15.6					137	46	15.6
1152+95				15.6					137	46	15.6
1154+10				15.6					137	46	15.6
1154+33				15.6					137	46	15.6
1156+00						20.8	20.8	20.8	576	192	62.4
1156+28	15.6	11.5	15.6						410	137	42.7
US 45 / 5TH ST.											
1+40	15.6	11.5	15.6						410	137	42.7
1+68						20.8	20.8	20.8	576	192	62.4
59+05				15.6					137	46	15.6
59+28				15.6					137	46	15.6
61+42				15.6					137	46	15.6
61+65				15.6					137	46	15.6
64+40						20.8			192	64	20.8
64+78	15.6								137	46	15.6
67+23	15.6								137	46	15.6
67+61						20.8			192.0	64.0	20.8
73+61				15.6					137.0	46.0	15.6
73+84				15.6					137.0	46.0	15.6
80+00				15.6					137.0	46.0	15.6
80+23				15.6					137.0	46.0	15.6
85+00				15.6					137.0	46.0	15.6
85+23				15.6					137.0	46.0	15.6
90+05				15.6					137.0	46.0	15.6
90+28				15.6					137.0	46.0	15.6
93+12						20.8			192.0	64.0	20.8
93+50	15.6								137.0	46.0	15.6
96+22	15.6								137.0	46.0	15.6
96+60						20.8			192.0	64.0	20.8
96+60			15.6						137.0	46.0	15.6
96+98								20.8	192.0	64.0	20.8
SUBTOTALS	902.9								8,165	2,733	903

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USER NAME = fowler DRAWN - PLOT SCALE = 100.0000' / in. PLOT DATE = 10/21/2020	DESIGNED - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LETTERS AND SYMBOLS SCHEDULE (1 OF 2)	SECTION ** COUNTY MASSAC CONTRACT NO. 78802	TOTAL SHEETS 81 SHEET NO. 30
			SCALE:	SHEET OF SHEETS	STA. TO STA.	

LETTERS AND SYMBOLS (2 OF 2)

STATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS								SHORT TERM PVMT MARK	SHORT TERM PVMT MARK REM	TEMP PVMT MARK REM
	WHITE										
	ARROW				2 ARROW COMB.	ONLY					
	SQ FT				SQ FT	SQ FT					
	LEFT	THROUGH	RIGHT	BI-DIRECT. TURN LANE	LEFT & THROUGH	LEFT	THROUGH	RIGHT	FT	SQ FT	SQ FT
US 45											
113+55				15.6					137.0	46.0	15.6
113+93				15.6					137.0	46.0	15.6
125+43				15.6					137.0	46.0	15.6
125+63				15.6					137.0	46.0	15.6
131+18				15.6					137.0	46.0	15.6
131+41				15.6					137.0	46.0	15.6
140+59				15.6					137.0	46.0	15.6
140+82				15.6					137.0	46.0	15.6
148+04				15.6					137.0	46.0	15.6
148+27				15.6					137.0	46.0	15.6
152+70				15.6					137.0	46.0	15.6
152+93				15.6					137.0	46.0	15.6
159+87				15.6					137.0	46.0	15.6
160+10				15.6					137.0	46.0	15.6
162+42								20.8	192.0	64.0	20.8
162+80	15.6								137.0	46.0	15.6
166+80	15.6								137.0	46.0	15.6
167+10								20.8	192.0	64.0	20.8
167+10				15.6					137.0	46.0	15.6
167+40								20.8	192.0	64.0	20.8
177+80								20.8	192.0	64.0	20.8
178+10				15.6					137.0	46.0	15.6
183+45	15.6								137.0	46.0	15.6
186+75								20.8	192.0	64.0	20.8
192+30								20.8	192.0	64.0	20.8
192+60	15.6								137.0	46.0	15.6
3+29								20.8	192.0	64.0	20.8
3+57	15.6								137.0	46.0	15.6
DEVERS RD NORTH											
0+40	15.6								48.0	16.0	15.6
0+68								20.8	192.0	64.0	20.8
DEVERS RD SOUTH											
0+40	15.6								137.0	46.0	15.6
0+68								20.8	192.0	64.0	20.8
I-24 EAST OFF RAMP											
19+50				15.6					384.0	128.0	41.6
I-24 WEST OFF RAMP											
21+08				15.6					384.0	128.0	41.6
IL 145											
2+10	15.6								137.0	46.0	15.6
2+38								20.8	192.0	64.0	20.8
SUBTOTALS					665.6				5,887	1,970	666
PROJECT TOTALS					1,568.5				14,052	4,703	1,569

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USER NAME = fowlera	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LETTERS AND SYMBOLS
SCHEDULE (2 OF 2)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	31
			CONTRACT NO. 78802	
		ILLINOIS	FED. AID PROJECT	

CLASS C & D PATCHING SCHEDULE

LOCATION				NUMBER OF PATCHES	WIDTH	LENGTH	AREA	CLASS C PATCHES, TY. II, 14"	CLASS C PATCHES, TY. IV, 14"	CLASS D PATCHES, TY. II, 15"	CLASS D PATCHES, TY. IV, 15"	REMARKS
					FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD		
STA 1137+21	TO	STA 51+80		8	12	4	42.67	42.67				US 45 LIMITS FOR CLASS C PATCHING US 45 / 10TH ST TO EXISTING BUTT JOINT AT STA 51+80 NEAR YASODA ST
				6	12	5	40.00	40.00				
				4	12	6	32.00	32.00				
				1	12	8	10.67	10.67				
				1	12	10	13.33	13.33				
				2	12	20	53.33		53.33			
				1	12	50	66.67		66.67			
				1	12	60	80.00		80.00			
				1	6	45	30.00		30.00			
1	6	40	26.67		26.67							
STA 51+80	TO	STA 163+50		1	12	6	8.00		8.00		US 45 LIMITS FOR CLASS D PATCHING EXISTING BUTT JOINT AT STA 51+80 NEAR YASODA ST TO END OF HMA PAVEMENT AT US 45 / DEVERS RD	
				1	12	25	33.33			33.33		
PROJECT TOTALS								139	257	8	34	

CLASS A PATCHING SCHEDULE

LOCATION				NUMBER OF PATCHES	WIDTH	LENGTH	AREA	CLASS A PATCHES, TY. II, 10"	CLASS A PATCHES, TY. III, 10"	CLASS A PATCHES, TY. IV, 10"	SAW CUTS *	TIE BARS 3/4" *	PATCHING REINF.	REMARKS
					FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	SQ YD	
STA 175+41.67	TO	STA 186+75.38		1	12	8	10.67	10.67			72		10.67	US 45 PATCHING LIMITS STA 175+41.67 TO WEST END OF I -24 OVERPASS
				4	12	10	53.33	53.33			312		53.33	
				1	12	15	20.00		20.00		93		20.00	
				1	12	25	33.33			33.33	123	26	33.33	
				2	12	28	74.67			74.67	264	56	74.67	
				1	12	30	40.00			40.00	138	30	40.00	
				5	12	50	333.33			333.33	990	250	333.33	
				6	12	80	640.00			640.00	1728	360	640.00	
				1	12	275	366.67			366.67	873	276	366.67	
STA 189+41.29	TO	STA 6+15		4	12	6	32.00	32.00			264		32.00	US 45 PATCHING LIMITS EAST END OF I -24 OVERPASS TO JUST EAST OF US 45 / IL 145 INT.
				1	12	8	10.67	10.67			72		10.67	
				2	12	10	26.67	26.67			156		26.67	
				3	12	12	48.00		48.00		252		48.00	
				1	12	15	20.00		20.00		93		20.00	
				3	12	20	80.00			80.00	324	60.00	80.00	
				2	12	25	66.67			66.67	246	52.00	66.67	
				1	14	26	40.44			40.44	134	26.00	40.44	
				2	12	35	93.33			93.33	306	72.00	93.33	
				3	12	40	160.00			160.00	504	120.00	160.00	
				1	12	70	93.33			93.33	258	70.00	93.33	
				1	12	145	193.33			193.33	483	146.00	193.33	
PROJECT TOTALS							134	88	2216	7685	1544	2438		

* ADDITIONAL QUANTITIES SEE CLASS B PATCHING SCHEDULE

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USER NAME = fowler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS C & D AND CLASS A PATCHING SCHEDULE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -						*	**	MASSAC	81	32	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 78802					
PLOT DATE = 10/21/2020	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.	TO

CLASS B PATCHING SCHEDULE

LOCATION				NUMBER OF PATCHES	WIDTH	LENGTH	AREA	CLASS B PATCHES, TY. II, 10"	CLASS B PATCHES, TY. III, 10"	CLASS B PATCHES, TY. IV, 10"	SAW CUTS *	DOWEL BARS 1 1/2"	TIE BARS 3/4" *	WELDED WIRE REINF.	REMARKS	
					FOOT	FOOT	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	SQ YD			
STA 163+50	TO	STA 175+41.67		4	12	6	32.00	32.00			192	80			US 45 LIMITS FOR CLASS B PATCHING EXISTING PCC PAVEMENT AT DEVERS RD TO STA 175+41.67	
				5	12	8	53.33	53.33			260	100				
				4	12	20	106.67		106.67	304	80	80	107			
				1	12	40	53.33		53.33	116	20	40	53			
STA 6+15	TO	STA 18+40		22	12	6	176.00	176.00			1056	440			US 45 LIMITS FOR CLASS B PATCHING JUST EAST OF IL 145 ON US 45 AT STA 6+15 TO STA 18+40 END OF EXISTING PCC PAVEMENT NEAR BELGRADE RD	
				1	12	7	9.33	9.33			50	20				
				3	12	8	32.00	32.00			156	60				
				1	12	15	20.00		20.00	66	20		20			
				2	15	7	23.33	23.33			118	52				
				1	14	6	9.33	9.33			54	24				
				1	16	6	10.67	11			60	28				
				1	17	6	11.33	11.33			63	30				
STA 0+30.35	TO	STA 211+69		6	12	6	48.00	48.00			288	120			IL 145 LIMITS FOR CLASS B PATCHING US 45 / IL 145 INT. STA 0+30.35 CONTINUE NORTH TO END OF EXISTING PCC PAVEMENT AT STA 211+69	
				1	12	8	10.67	10.67			52	20				
				2	12	10	26.67	26.67			112	40				
				1	12	12	16.00		16.00	60	20		16.00			
				1	12	14	18.67		18.67	64	20		18.67			
				2	12	15	40.00		40.00	132	40		40.00			
				1	12	16	21.33		21.33	68	20		21.33			
				1	12	20	26.67		26.67	76	20	20	26.67			
				1	12	24	32.00		32.00	84	20	24	32.00			
				1	12	25	33.33		33.33	86	20	26	33.33			
				1	12	35	46.67		46.67	106	20	36	46.67			
				1	12	52	69.33		69.33	140	20	52	69.33			
				1	12	55	73.33		73.33	146	20	56	73.33			
				1	17	8	15.11		15.11	67	30		15.11			
1	20	8	17.78		17.78	76	36		17.78							
1	20	16	35.56		35.56	92	36		35.56							
PROJECT TOTALS							455	149	477	4210	1488	334	626			

* ADDITIONAL QUANTITIES SEE CLASS A PATCHING SCHEDULE

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USER NAME = fowler DESIGNED - DRAWN - PLOT SCALE = 100,0000' / in. CHECKED - PLOT DATE = 10/21/2020 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING SCHEDULE	F.A.* RTE. SECTION COUNTY MASSAC CONTRACT NO. 78802	TOTAL SHEETS 81 SHEET NO. 33
SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT **41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132		

DETECTOR LOOP SCHEDULE

LOCATION		NUMBER OF LOOPS CONNECTED IN SERIES	SIZE	ADDITIONAL SAWCUT LENGTH	LOOP AMOUNT	DETECTOR LOOP, TY. 1	REMARKS
			FT X FT	FT	FT	FT	
US 45							
1155+30	RT. THROUGH, & LT. LANE	3	5' X 5'	27	20	87	NORTH OF INT.
1157+00	RT. TURN LANE	2	6' X 6'	12	24	60	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
1156+75	RT. TURN LANE	2	6' X 6'	12	24	60	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
1157+00	THROUGH LANE	2	6' X 6'	20	24	68	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
1156+75	THROUGH LANE	2	6' X 6'	20	24	68	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
1156+70	LT. TURN LANE	2	6' X 6'	32	24	80	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
1156+95	LT. TURN LANE	2	6' X 6'	30	24	78	NORTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
US 45 - FERRY ST. / 5TH ST. INT.							
99+65	THROUGH / RT. TURN LANE	2	6' X 6'	25	24	73	WEST LEG - US 45 - FERRY ST. / 5TH ST. INT.
199+59	THROUGH / RT. TURN LANE	2	6' X 6'	14	24	62	SOUTH LEG - US 45 - FERRY ST. / 5TH ST. INT.
0+83	RT. TURN LANE	2	6' X 6'	12	24	60	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
1+08	RT. TURN LANE	2	6' X 6'	11	24	59	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
0+83	THROUGH LANE	2	6' X 6'	20	24	68	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
1+08	THROUGH LANE	2	6' X 6'	20	24	68	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
0+86	LT. TURN LANE	2	6' X 6'	30	24	78	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
1+11	LT. TURN LANE	2	6' X 6'	34	24	82	EAST LEG - US 45 - FERRY ST. / 5TH ST. INT.
2+20	LT. TURN LANE	1	5' X 5'	25	20	45	EAST OF INTERSECTION
2+70	THROUGH & LEFT TURN	2	5' X 5'	14	20	54	EAST OF INTERSECTION
91+70	EB THROUGH LANE	2	5' X 5'	18	20	58	EB APPROCHING US 45 / 12TH ST INT.
94+00	EB LEFT TURN LANE	4	6' X 6'	53	24	149	US 45 / 12TH ST INTERSECTION
95+70	WB LEFT TURN LANE	4	6' X 6'	64	24	160	US 45 / 12TH ST INTERSECTION
97+30	WB THROUGH LANES	2	5' X 5'	25	20	65	WB APPROCHING US 45 / 12TH ST INT.
161+50	EB THROUGH LANE	2	5' X 5'	30	20	70	EB APPROCHING US 45 / DEVERS RD. INT.
DEVERS RD - NORTH							
EOP = STA 0+00							
0+10	SB THROUGH LANE	4	6' X 6'	43	24	139	US 45 / DEVERS RD. INT.
0+20	LEFT TURN LANE	4	6' X 6'	44	24	140	US 45 / DEVERS RD. INT.
0+05	RIGHT TURN LANE	2	6' X 15'	11	42	95	US 45 / DEVERS RD. INT.
DEVERS RD - SOUTH							
EOP = STA 0+00							
0+05	NB THROUGH LANE	1	6' X 17'	6	46	52	US 45 / DEVERS RD. INT.
0+28	NB THROUGH LANE	1	6' X 23'	24	58	82	US 45 / DEVERS RD. INT.
0+20	LEFT TURN LANE	4	6' X 6'	60	24	156	US 45 / DEVERS RD. INT.
0+08	RIGHT TURN LANE	2	6' X 15'	9	42	93	US 45 / DEVERS RD. INT.
US 45							
167+80	WB THROUGH LANES	2	5' X 5'	30	20	70	WB APPROCHING US 45 / DEVERS RD. INT.
177+68	EB THROUGH LANES	2	5' X 5'	40	20	80	EB APPROCHING US 45 / I-24 EB . INT.
I-24 EB OFF RAMP							
STA 20+00 = MAINLINE EOP							
19+83	THROUGH & LEFT	4	6' X 6'	37	24	133	US 45 / I-24 EB . INT.
19+75	RIGHT TURN LANE	2	6' X 12'	16	36	88	US 45 / I-24 EB . INT.
US 45							
182+00	LEFT TURN LANE	4	6' X 6'	62	24	158	WB APPROCHING US 45 / I-24 EB INT.
189+88	LEFT TURN LANE	1	5' X 5'	40	20	60	WB APPROCHING US 45 / I-24 EB INT.
189+86	THROUGH LANES	2	5' X 5'	28	20	68	WB APPROCHING US 45 / I-24 EB INT.
192+35	THROUGH LANES	2	5' X 5'	24	20	64	EB APPROCHING US 45 / I-24 WB INT.
192+82	LEFT TURN LANE	1	5' X 5'	36	20	56	EB APPROCHING US 45 / I-24 WB INT.
194+26	LEFT TURN LANE	4	6' X 6'	54	24	150	US 45 / I-24 WB INT.
I-24 WB OFF RAMP							
STA 21+73 = MAINLINE EOP							
21+61	THROUGH & LEFT	4	6' X 6'	27	24	123	US 45 / I-24 WB INT.
21+55	RIGHT TURN LANE	2	6' X 12'	16	36	88	US 45 / I-24 WB INT.
US 45							
197+67.00	THROUGH LANES	2	5' X 5'	24	20	64	WB APPROCHING US 45 / I-24 WB INT.
PROJECT TOTALS						3611	

EXISTING DETECTOR LOOPS IN THE HMA PAVEMENT WERE PLACED BEFORE THE EXISITING HMA SURFACE LIFT. THE PROPOSED QUANTITIES ARE INCLUDED IN THE SCHEDULE IN THE EVENT THAT THE EXSITING LOOPS ARE DAMAGED DURING THE PROPOSED HMA SURFACE REMOVAL OPERATION.

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PLOT DATE: 10/21/2020

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PLOT SCALE = 120,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	34
CONTRACT NO. 78802				

ENTRANCE SCHEDULE

LOCATION	ENTRANCE TYPE	EXIST. SURFACE	EOP WIDTH	WIDTH AT	WIDTH AT PROP.	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (TACK COAT)	AGG. WEDGE SHOULDER, TY. B	COMMENTS	
				EDGE OF HMA SHOULDER	4' TAPER (FROM EOP/EOS)			*	*		
				FOR INFORMATIONAL PURPOSE ONLY					TON		LBS
			FT	FT	SQ YD						
US 45											
5+86 RT	CE	HMA	112	112	112	50	7	23			
8+00 RT	CE	HMA	54	54	48	23	3	11			
14+40 LT	PE	HMA	118	118	112	52	7	24			
18+60 LT	PE	HMA	25	25	15	9	2	5		PORTION OF P.E. IN BUTT JOINT TRANSITION	
IL 145											
1+56 RT	PE	AGG	24		22	11	2	5	1		
3+25 LT	PE	PCC	150		120	60	8	27			
5+68 RT	PE	HMA	30		24	12	2	6			
6+75 RT	PE	AGG	32		32	15	2	7	1		
7+83 LT	PE	AGG	50		36	20	3	9	1		
7+99 RT	PE	AGG	44		44	20	3	9	1		
PROJECT TOTALS								39	126	4	

* ADDITIONAL QUANTITIES, SEE SHOULDER SCHEDULE

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USER NAME = fowlera	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	35
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4)

*FAU 9771/FAP 889/FAS 961/FAP 132

CURB & GUTTER / MEDIAN REPAIR

LOCATION (APPROX STA)	COMB. C&G REMOVAL *		COMB. CC&G, TYPE B-9.12	COMB. CC&G, TYPE M-6.06 (VAR. WIDTH GUTTER FLAG)	MEDIAN REMOVAL	CONCRETE MEDIAN SURFACE, 4 INCH	PROT. COAT *	REMARKS
	FT	FT	FT	SQ FT	SQ FT	SQ YD		
US 45								
STA 169+81					42	42	5	LENGTH = 14' WIDTH =3'
STA 169+81	LT.	20	20				4	
STA 170+50	LT.	6	6				2	
STA 170+75	RT.	6	6				2	
STA 174+35	LT.	25	25				5	
STA 175+30	LT.	40	40				8	
STA 176+18	RT.	5	5				1	
STA 177+00	RT.	5	5				1	
STA 178+10	LT.	200	200				36	
STA 178+70	LT.	4	4				1	
STA 179+20	LT.	30	30				6	
STA 179+60	LT.	16	16				3	
STA 180+70		8		8	12	12	3	ISLAND-I-24 EB OFF RAMP
STA 183+35	LT.	6	6				2	
STA 183+85	RT.	12	12				3	
STA 183+85	LT.	8	8				2	
STA 186+00	LT.	14	14				3	
STA 191+70	RT.	8	8				2	
STA 191+90	LT.	325	325				58	
STA 191+95					18	18	2	LENGTH = 6' WIDTH =3'
STA 192+50					24	24	3	LENGTH = 8' WIDTH =3'
STA 192+80	RT.	4	4				1	
STA 194+25					30	30	4	LENGTH = 10' WIDTH =3'
STA 195+21		22		22	36	36	7	ISLAND-I-24 WB OFF RAMP
STA 195+50	LT.	15	15				3	
STA 196+85	RT.	8	8				2	
STA 197+48	RT.	4	4				1	
STA 197+70	RT.	8	8				2	
STA 198+00	LT.	25	25				5	
STA 198+30	RT.	40	40				8	
STA 198+42	LT.	10	10				2	
STA 198+60	LT.	17	17				3	
STA EQ. STA 199+33.20 BK = STA 0+00 AH								
STA 1+00	RT.	8	8				2	
STA 1+30	LT.	6	6				2	
STA 2+60					352	352	40	LENGTH = 176' WIDTH =2'
STA 2+60	RT.	25	25				5	
STA 3+30	LT.	25	25				5	
STA 3+50	RT.	10	10				2	
STA 5+20					8	8	1	MEDIAN NOSE
STA 5+20	RT.	4	4				1	
STA 5+20	LT.	4	4				1	
PROJECT TOTALS		973	943	30	522	522	249	

* ADDITIONAL QUANTITIES SEE CURB RAMP SCHEDULE

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USER NAME = poesi DRAWN - PLOT SCALE = 100.0000' / in. PLOT DATE = 10/21/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB & GUTTER /MEDIAN REPAIR SCHEDULE	F.A. RTE. SECTION COUNTY MASSAC	TOTAL SHEETS 81	SHEET NO. 36
SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT CONTRACT NO. 78802			

CURB RAMP SCHEDULE

LOCATION METROPOLIS, IL	CURB REMOVAL	COMB C&G REMOVAL *	PAVEMENT REMOVAL	SIDEWALK REMOVAL	CONC CURB, TY B	COMB CC&G TY B- 6.12	PROT. COAT *	INLETS TO BE RECONS. WITH NEW TY 1 FRAME CLOSED LID	PCC SIDEWALK 5"	DETECTABLE WARNING	COMMENTS
	FT	FOOT	SQ YD	SQ FT	FOOT	FOOT	SQ YD	EACH	SQ FT	SQ FT	
US 45											
LOCATION 1 (US 45 & 9TH ST)											
SW QUADRANT	4.9	22.7	1.4	150.4	64.7	22.7	8		150.7	16.0	
LOCATION 2 (US 45 & 8TH ST)											
NE QUADRANT	27.5	21.7	1.3	129.3	39.1	21.7	6		132.9	18.0	
LOCATION 3 (US 45 & 7TH ST)											
SE QUADRANT		39.9		316.1	62.3	39.9	11		285.1	19.3	
SW QUADRANT		18.8		112.2	24.0	18.8	5		100.4	19.7	
LOCATION 4 (US 45 & 6TH ST)											
NW QUADRANT	6.5	20.6		157.9	51.4	20.6	7		165.3	27.9	
NE QUADRANT		24.0		209.5	55.2	24.0	8		229.7	20.0	
SE QUADRANT		23.9		186.7	60.8	23.9	8		198.9	20.0	
SW QUADRANT	23.4	22.0		161.1	66.5	22.0	8		161.0	23.3	
LOCATION 5 (US 45 & 5TH ST)											
NW QUADRANT		29.9	0.9	235.3	66.6	29.9	9		216.0	16.2	
NE QUADRANT		15.9	0.6	252.3	9.5	15.9	4		239.3	10.0	
SE QUADRANT		34.8	0.8	228.8	23.5	34.8	8		221.1	30.3	
SW QUADRANT		22.5	3.5	114.5	19.2	25.0	6		125.8	18.0	
LOCATION 6 (US 45 & GIRARD ST)											
NW QUADRANT	19.4		2.5	187.4	31.1	19.4	6	1	175.8	13.2	
NE QUADRANT	29.3		3.1	205.8	51.7	23.9	8	1	218.0	15.8	
SE QUADRANT	2.4	18.7		191.8	43.8	18.7	6		205.2	18.9	
SW QUADRANT	3.8	18.2		149.0	51.9	18.2	7		137.1	20.3	
LOCATION 7 (US 45 & CATHERINE ST)											
NW QUADRANT	25.9		2.2	274.7	75.1	20.0	8		256.1	23.3	
NE QUADRANT	27.9		4.8	193.8	37.9	29.2	8	1	208.3	18.0	
SE QUADRANT	0.0	20.4		392.7	50.5	20.4	7		386.1	28.4	
SW QUADRANT	5.2	19.1		162.4	39.8	19.1	6		177.1	22.3	
LOCATION 8 (US 45 & OPHIA ST)											
NW QUADRANT	6.1	16.3	0.6	208.7	58.5	16.3	7		204.4	8.0	
SW QUADRANT	2.1	18.4		93.6	31.8	18.4	6		90.5	16.7	
LOCATION 9 (US 45 & SCOTT ST)											
NW QUADRANT		20.2	6.2	82.8	21.6	20.2	5		122.5	18.7	
SW QUADRANT	2.1	19.8	0.9	95.4	38.2	19.8	6		96.6	20.1	
PROJECT TOTALS	187	448	29	4493	1075	543	168	3	4504	463	

* ADDITIONAL QUANTITIES SEE CURB & GUTTER / MEDIAN REPAIR SCHEDULE

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USER NAME = fowlera	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB RAMP SCHEDULE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		**						MASSAC	81	37
PLOT DATE = 10/21/2020	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT			CONTRACT NO. 78802		

SEEDING SCHEDULE

LOCATION	CLASS 2 SEEDING	NITROGEN FERTILIZER	PHOSPHORUS FERTILIZER	POTASSIUM FERTILIZER	AG GROUND LIMESTONE	EROSION CONTROL BLANKET	CLASS 7 SEEDING	TEMP EROSION CONTROL SEEDING
METROPOLIS, IL	ACRE	POUND	POUND	POUND	TON	SQ YD	ACRE	POUND
US 45								
LOCATION 1 (US 45 & 9TH ST)								
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 2 (US 45 & 8TH ST)								
NE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 3 (US 45 & 7TH ST)								
SE QUADRANT								
SW QUADRANT								
LOCATION 4 (US 45 & 6TH ST)								
NW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
NE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 5 (US 45 & 5TH ST)								
NW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
NE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SE QUADRANT								
SW QUADRANT								
LOCATION 6 (US 45 & GIRARD ST)								
NW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
NE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 7 (US 45 & CATHERINE ST)								
NW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
NE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SE QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 8 (US 45 & OPHIA ST)								
NW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
LOCATION 9 (US 45 & SCOTT ST)								
NW QUADRANT								
SW QUADRANT	0.01	0.9	0.9	0.9	0.02	48.4	0.01	1.0
PROJECT TOTALS	0.19	18	18	18	0.4	920	0.19	19

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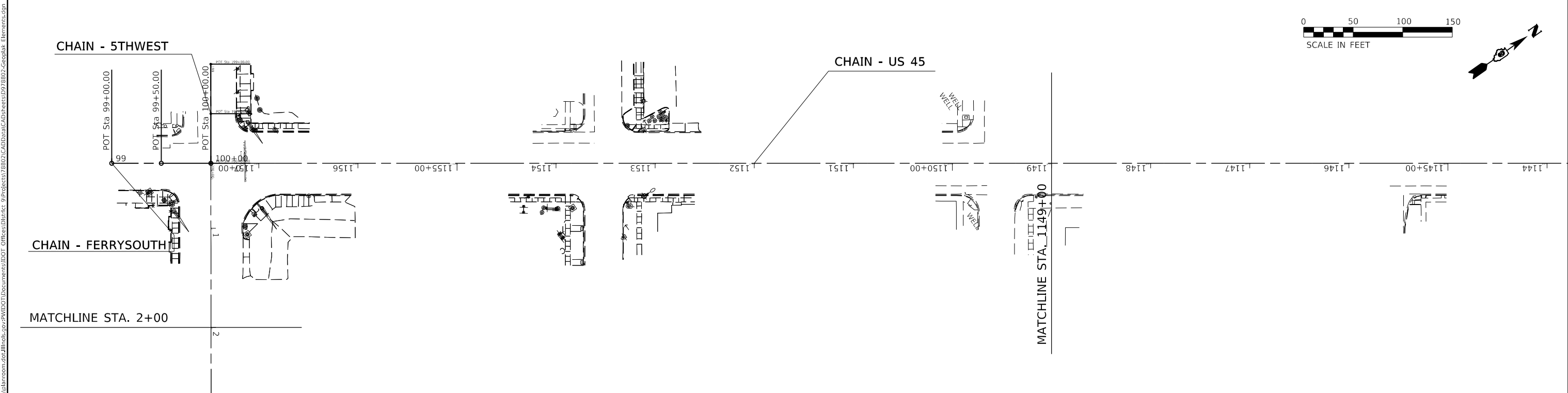
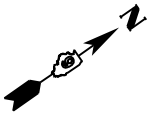
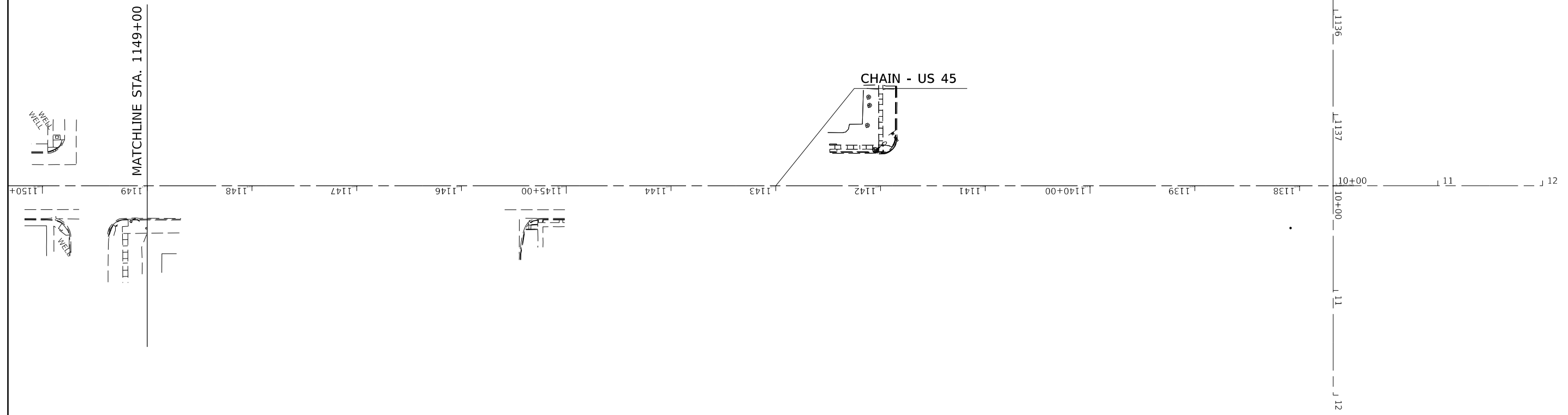
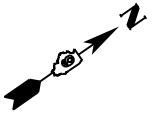
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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEEDING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	38
CONTRACT NO. 78802				



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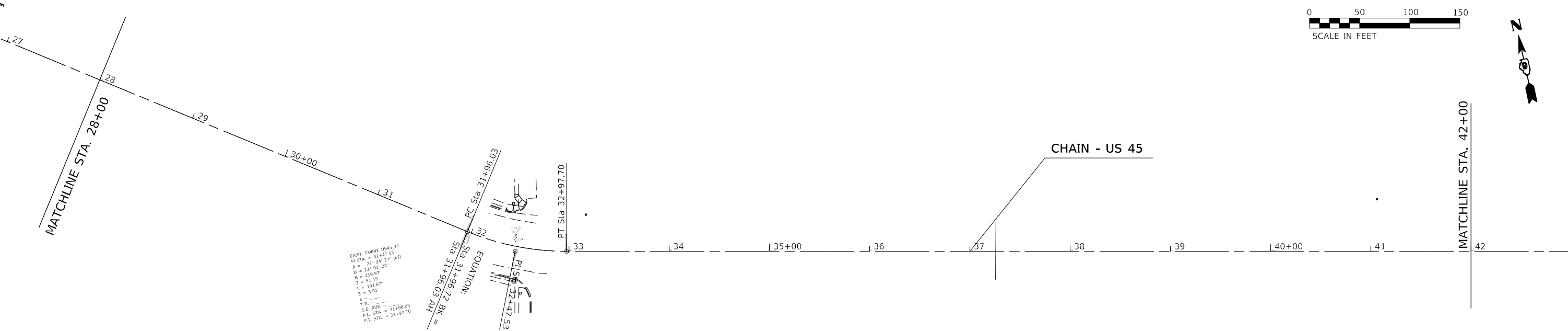
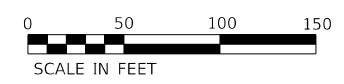
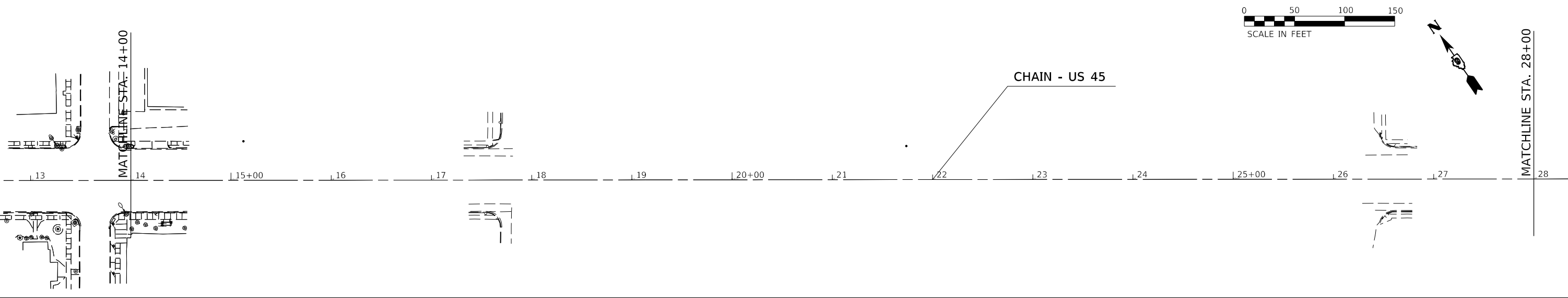
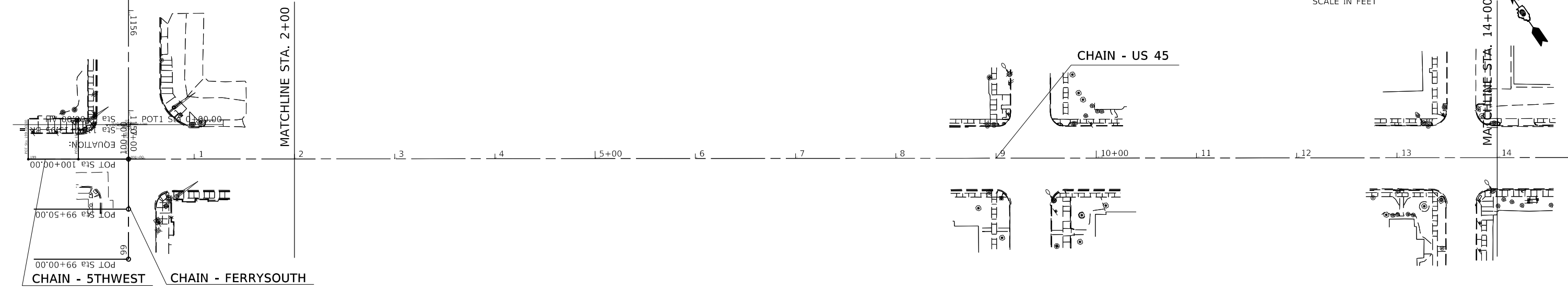
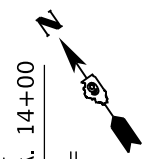
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	39
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



EXIST. CURVE US45_11
 PI STA = 32+47.53
 A = 22° 24' 27" (L3)
 D = 22' 02' 22"
 R = 259.97
 T = 53.49'
 L = 103.67'
 E = 5.00'
 TR = -
 S.E. RUN =
 P.C. STA = 32+96.03
 P.T. STA = 32+97.70

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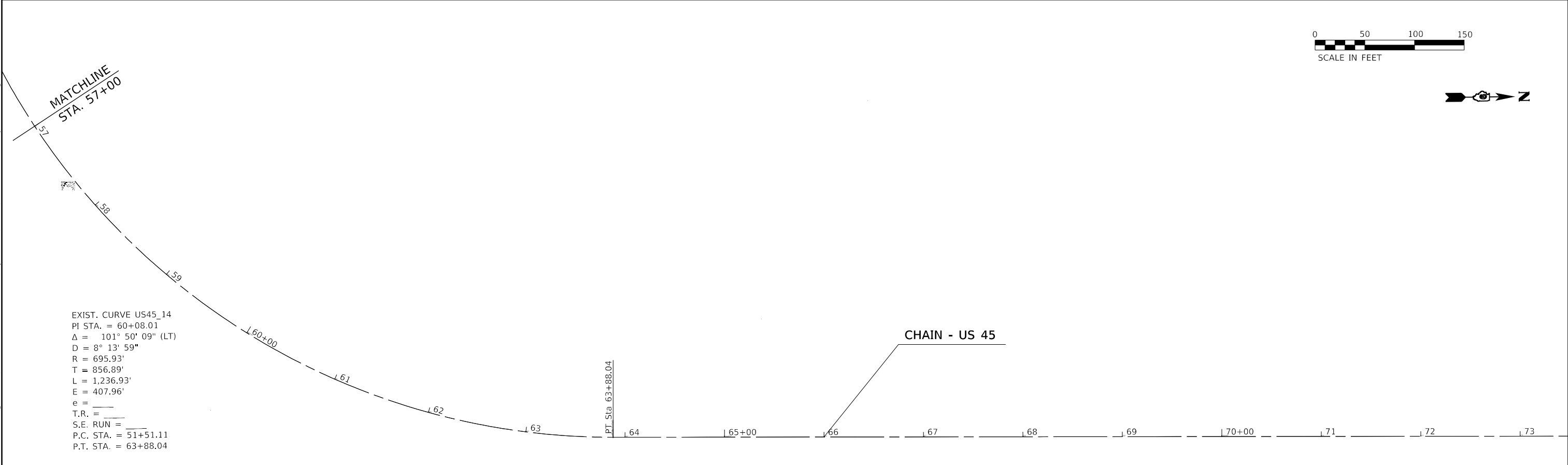
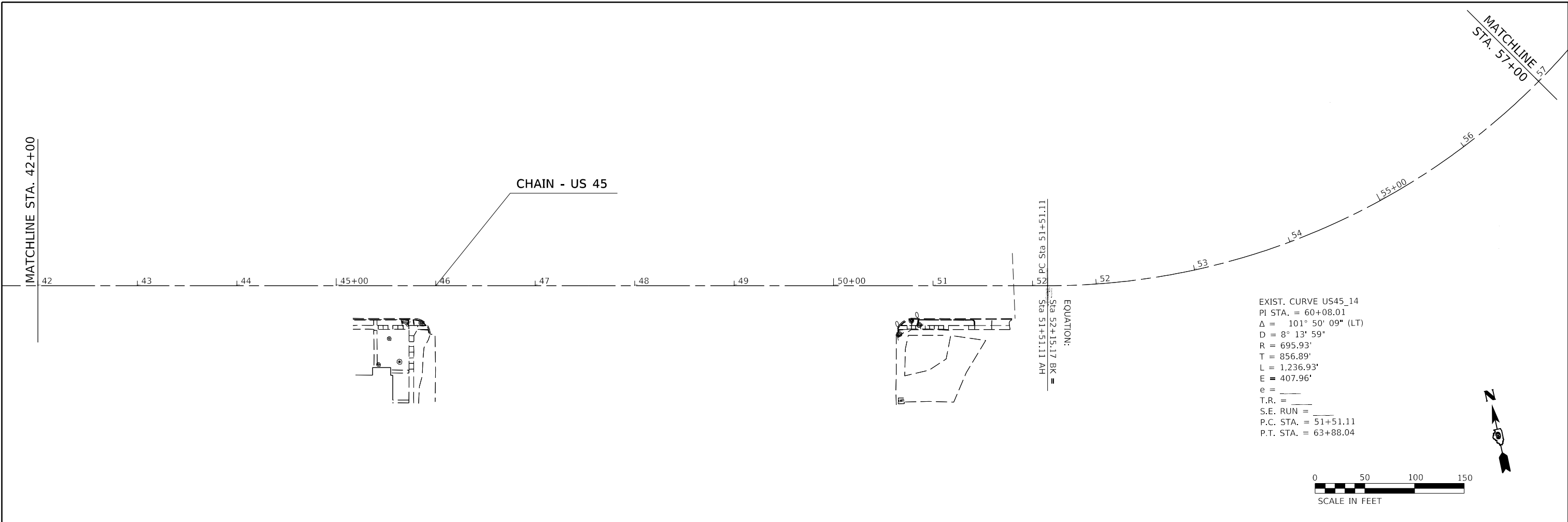
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GEOPAK ELEMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	40
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) **FAU 9771/FAP 889/FAS 961/FAP 132



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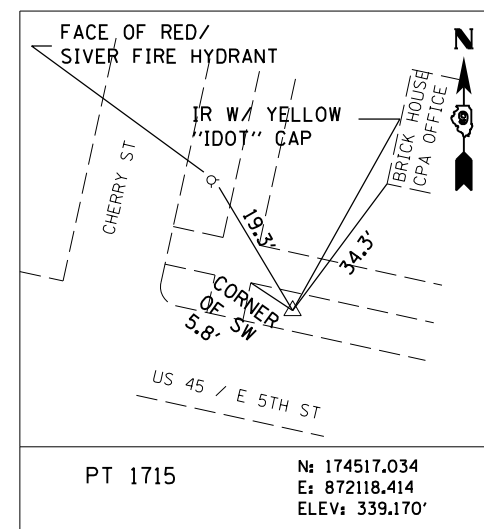
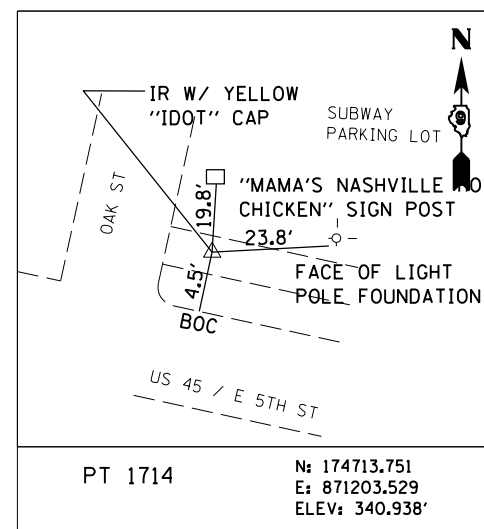
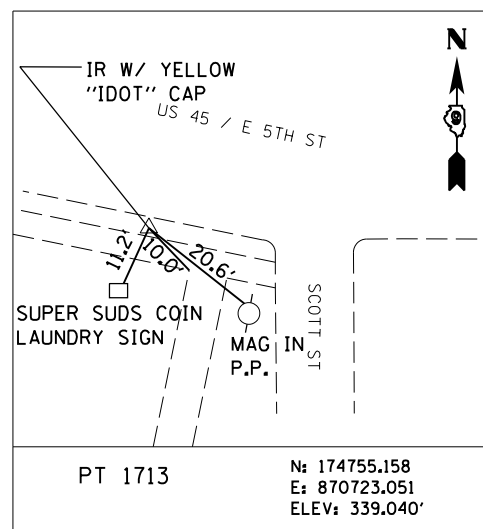
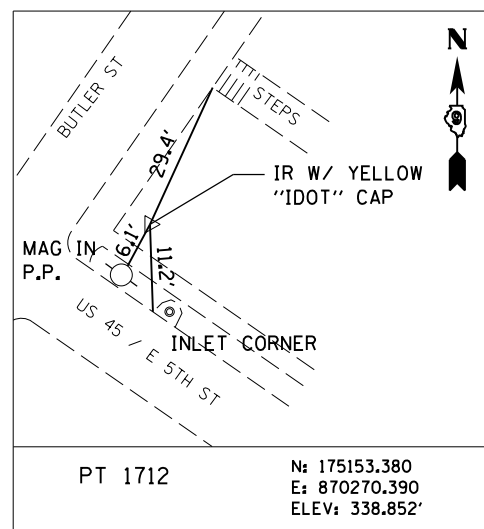
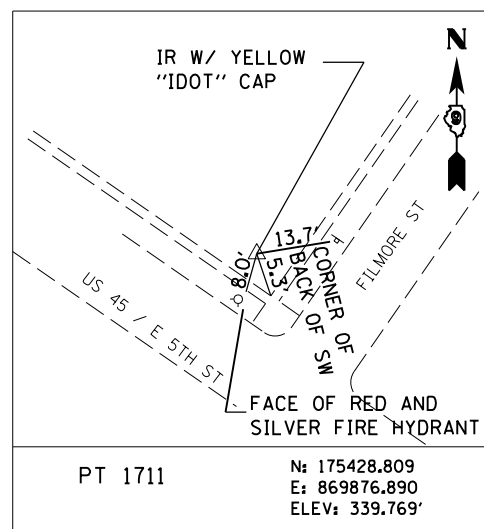
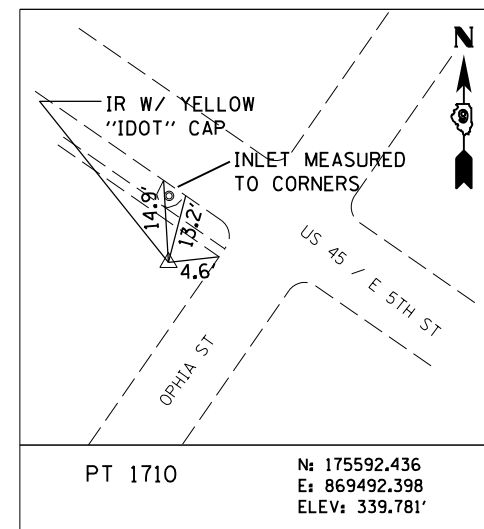
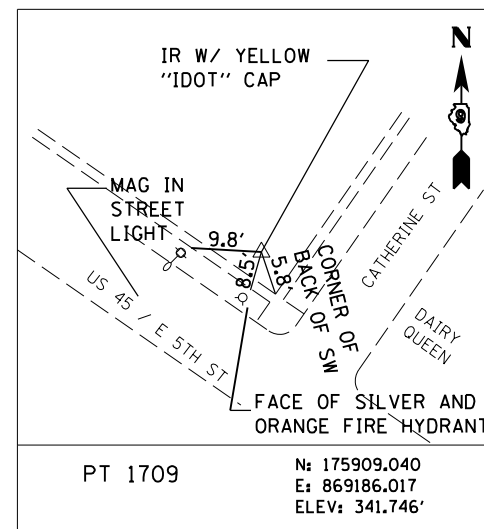
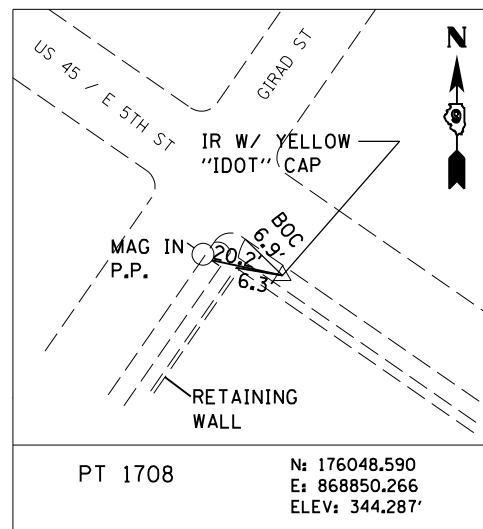
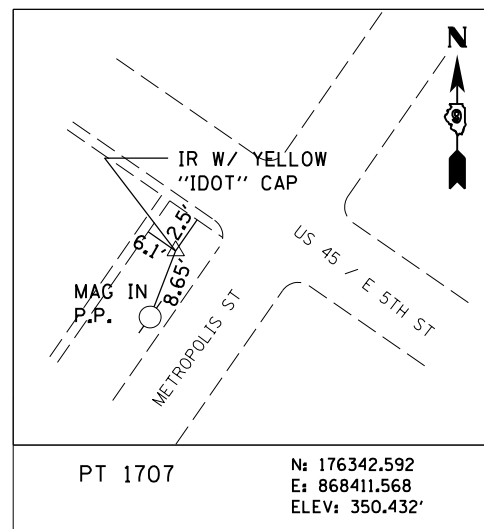
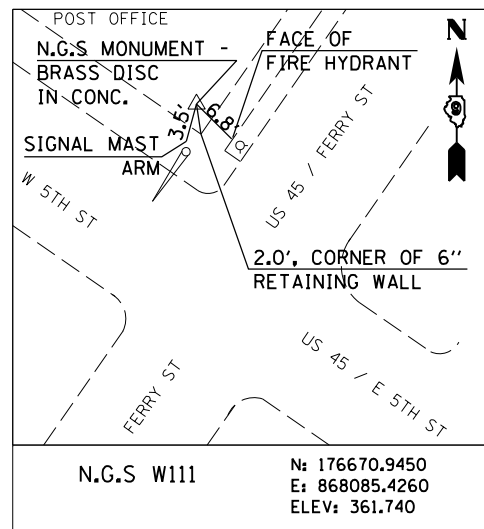
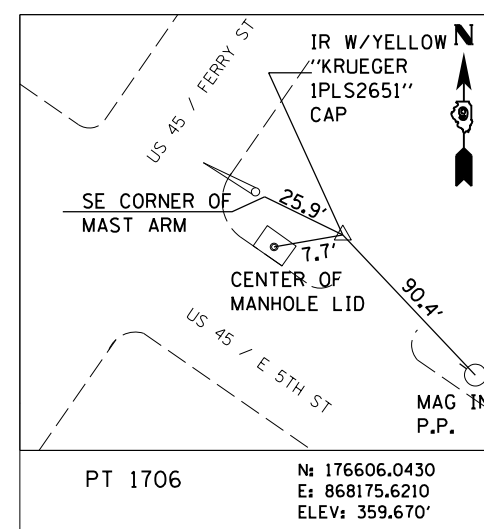
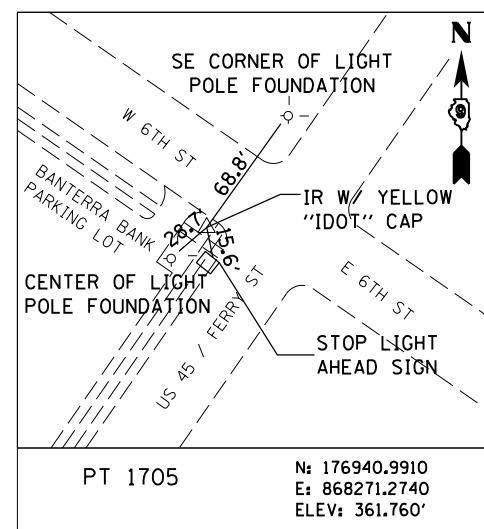
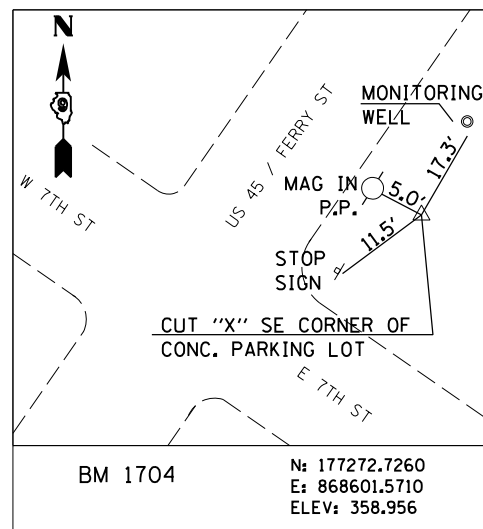
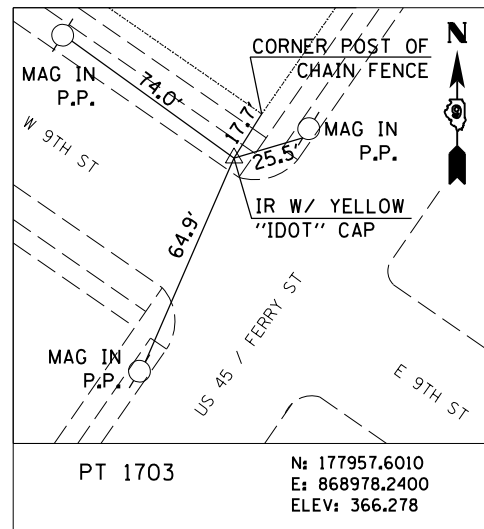
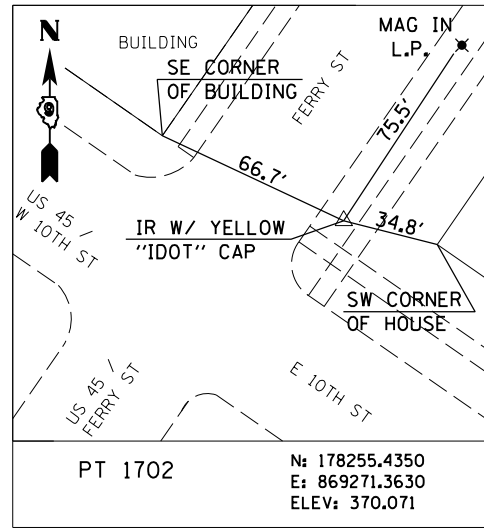
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PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	41
CONTRACT NO. 78802				
ILLINOIS FED. AID PROJECT				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



Note:
 Horizontal Coordinate Values: Illinois State Plane - East Zone
 Horizontal Datum: NAD 83 (2007 Adjustment)
 Vertical Datum: NAVD 1988

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 OFFICE: IDOT
 DATE: 10/21/2020

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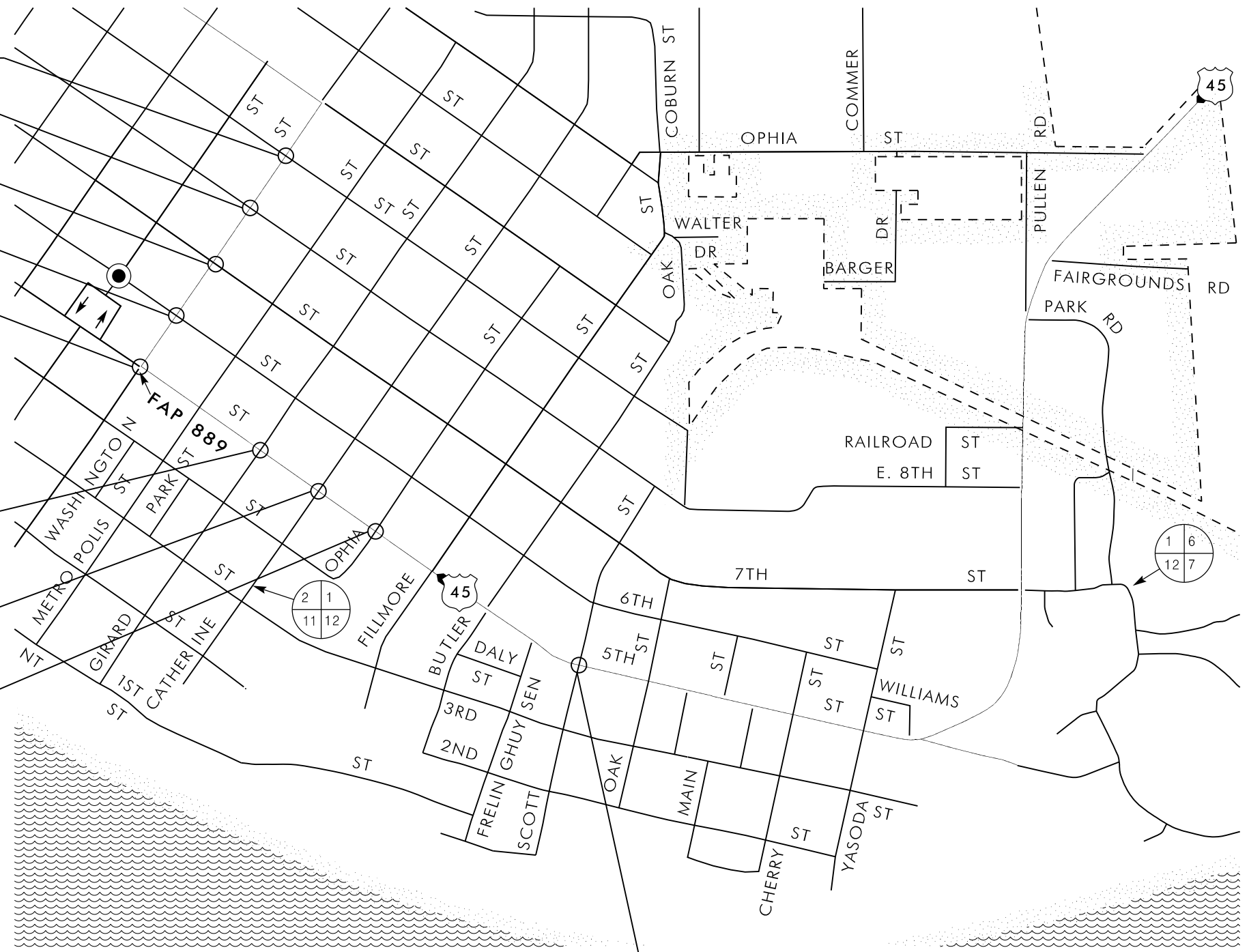
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CONTROL POINTS: HORIZONTAL AND VERTICAL TIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	42
CONTRACT NO. 78802				

ILLINOIS FED. AID PROJECT
 **41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

- LOCATION 1 :
(US 45 & 9TH STREET)
- LOCATION 2 :
(US 45 & 8TH STREET)
- LOCATION 3 :
(US 45 & 7TH STREET)
- LOCATION 4 :
(US 45 & 6TH STREET)
- LOCATION 5 :
(US 45 & 5TH STREET)
- LOCATION 6 :
(US 45 & GIRARD STREET)
- LOCATION 7 :
(US 45 & CATHERINE STREET)
- LOCATION 8 :
(US 45 & OPHIA STREET)



LOCATION 9 :
(US 45 & SCOTT STREET)

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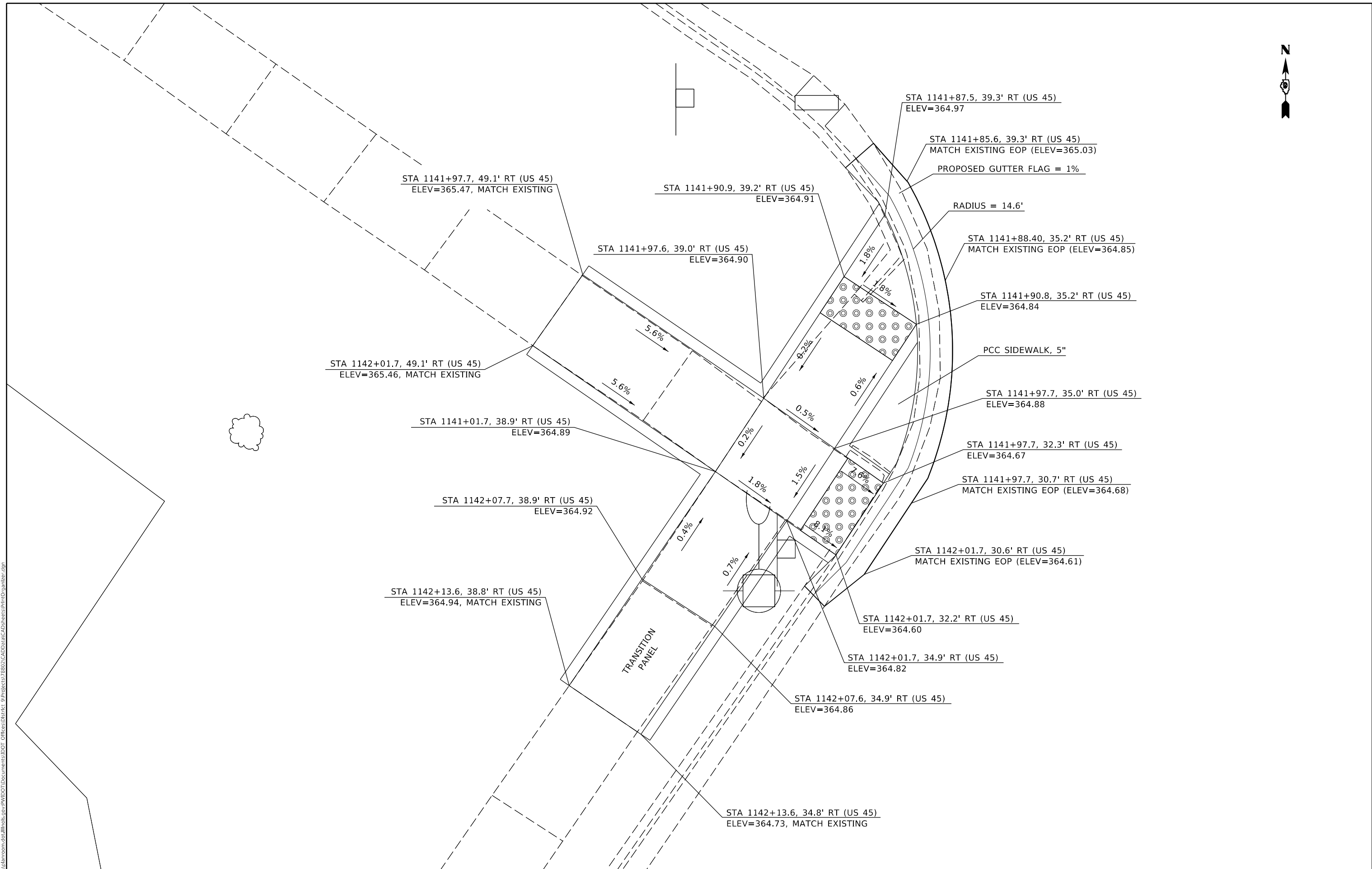
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**METROPOLIS ADA
LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	43
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



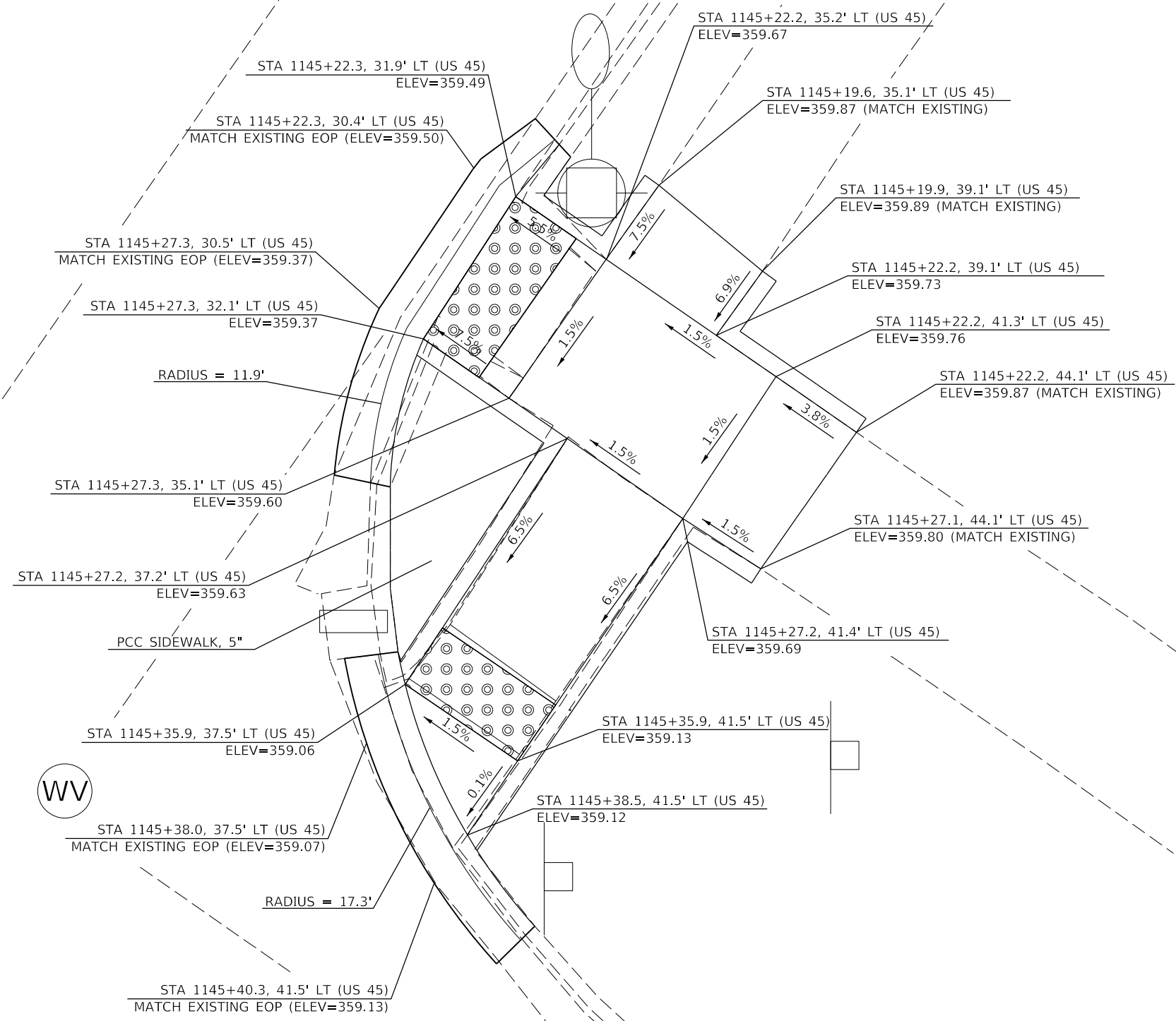
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PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 1
9TH ST SW QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	44
CONTRACT NO. 78802				



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PLOT DATE = 10/21/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 2			
8TH ST NE QUADRANT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	45
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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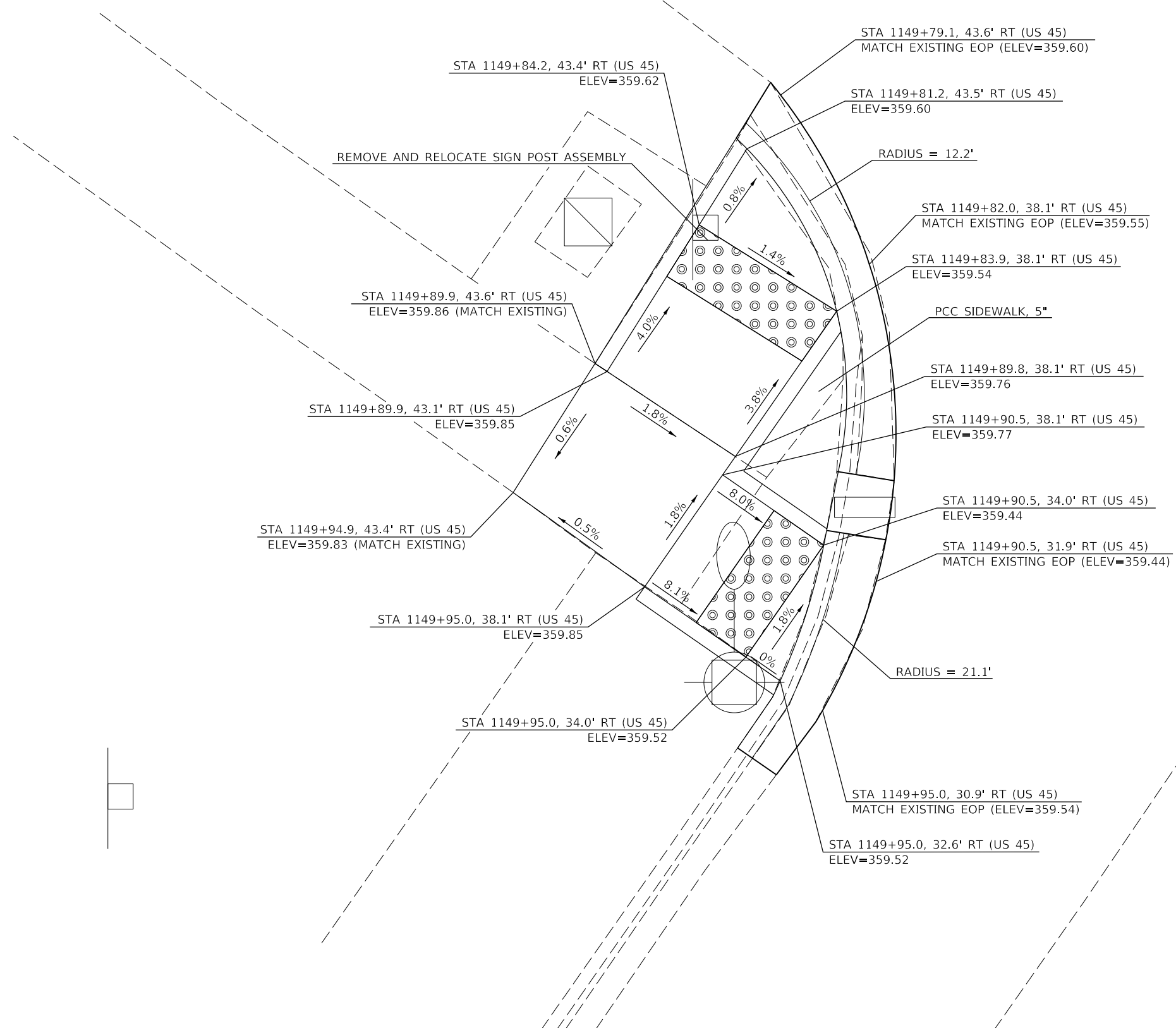
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 3
7TH ST SE QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	46
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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PLOT DATE = 10/21/2020	DATE -	REVISED -

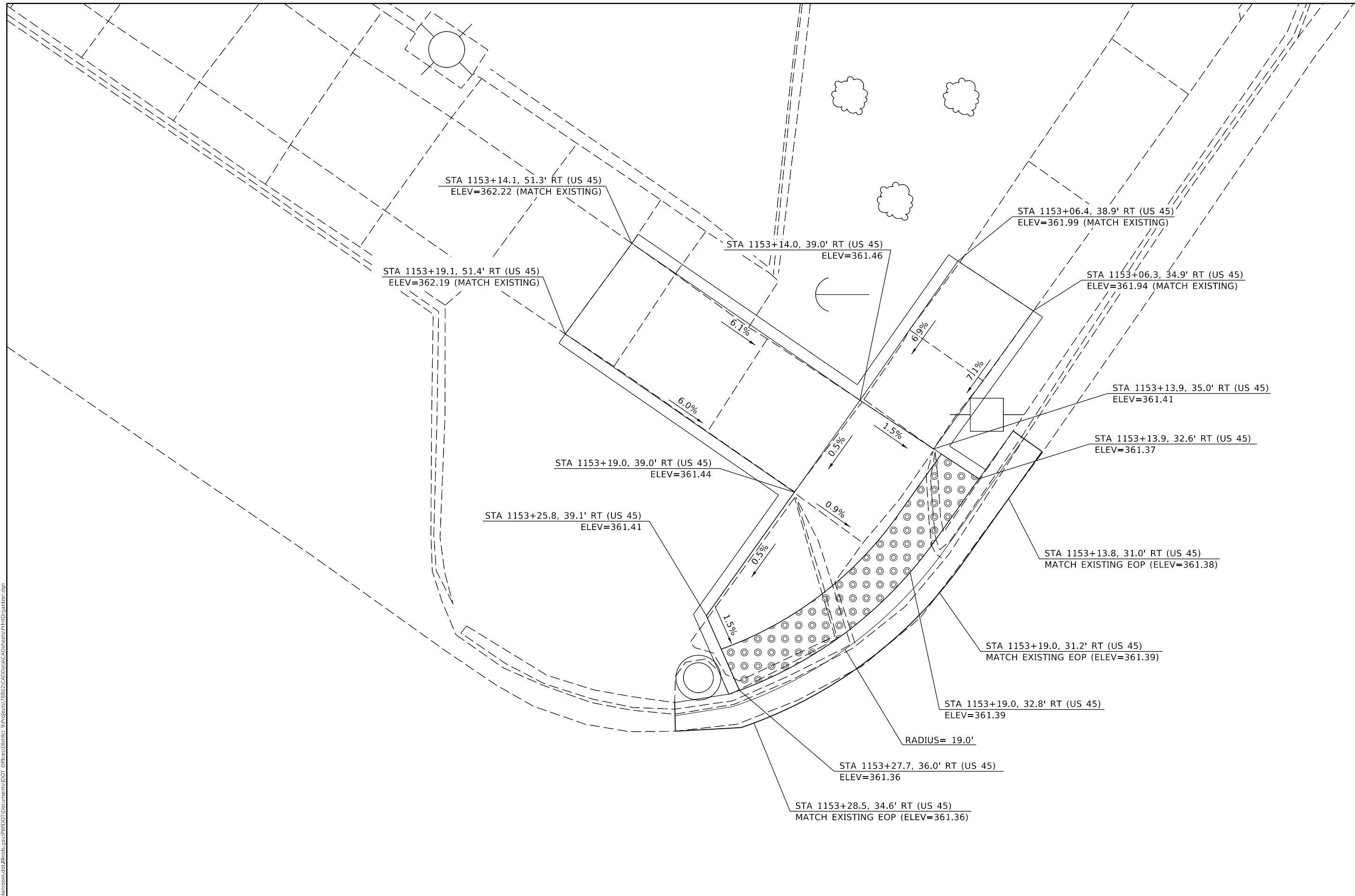
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 3
7TH ST SW QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

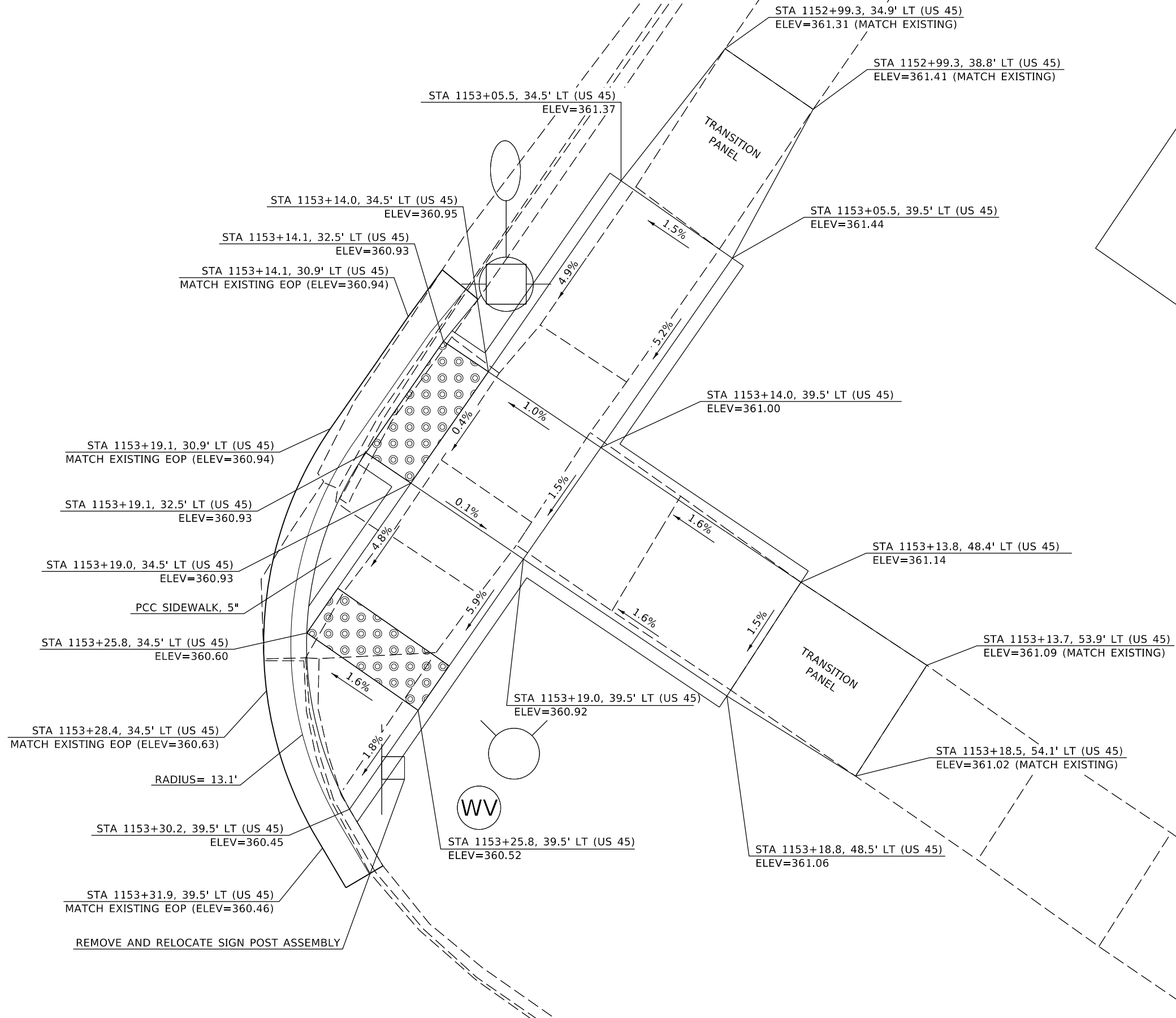
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	47
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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SCALE:				SHEET OF SHEETS				STA. TO STA.				ILLINOIS FED. AID PROJECT		**41(RS-6),101(RS-7),102(RS-4)		*FAU 9771/FAP 889/FAS 961/FAP 132	



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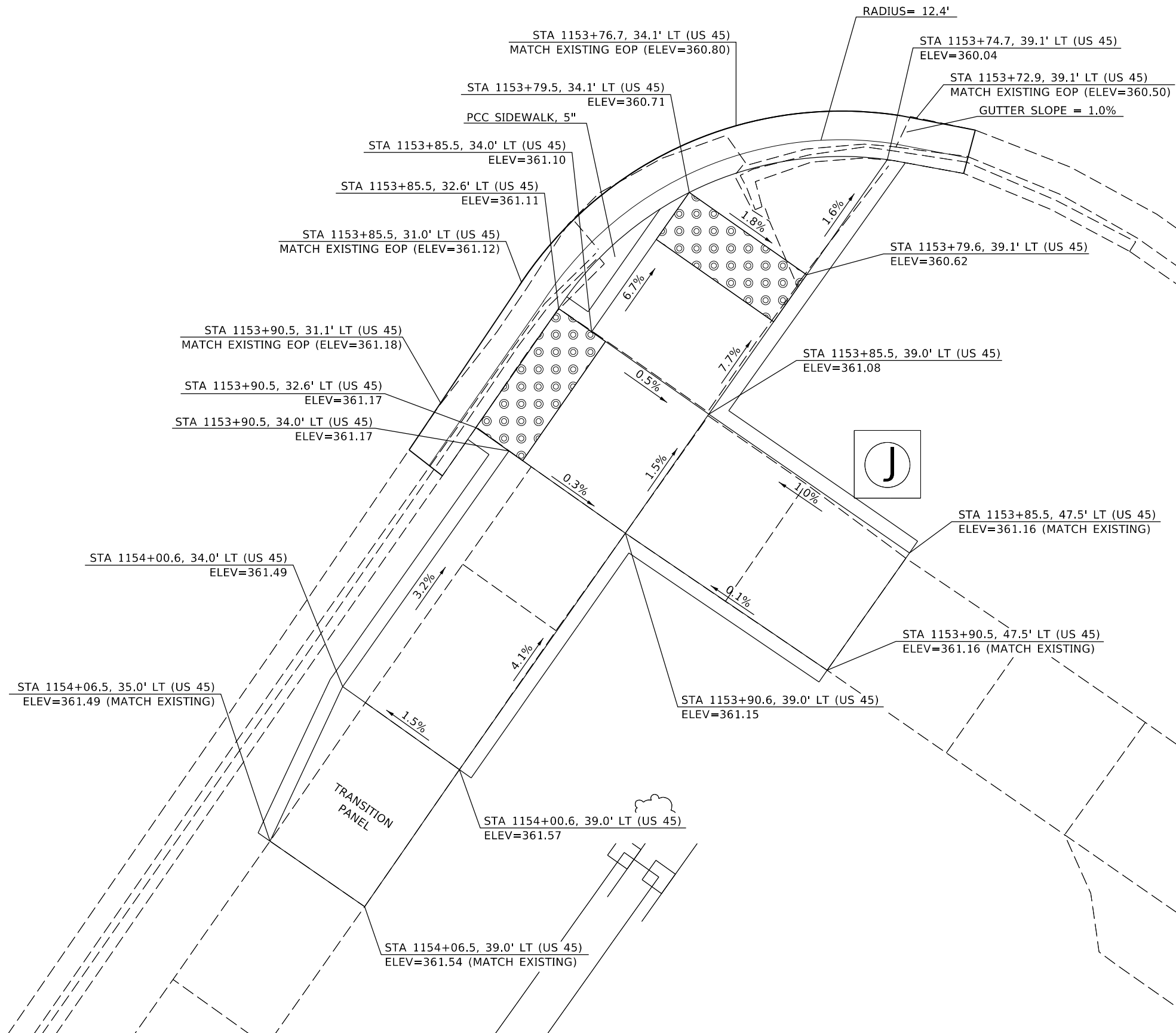
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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAIL - LOCATION 4
 6TH ST NE QUADRANT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	49
CONTRACT NO. 78802				



MODEL: Default
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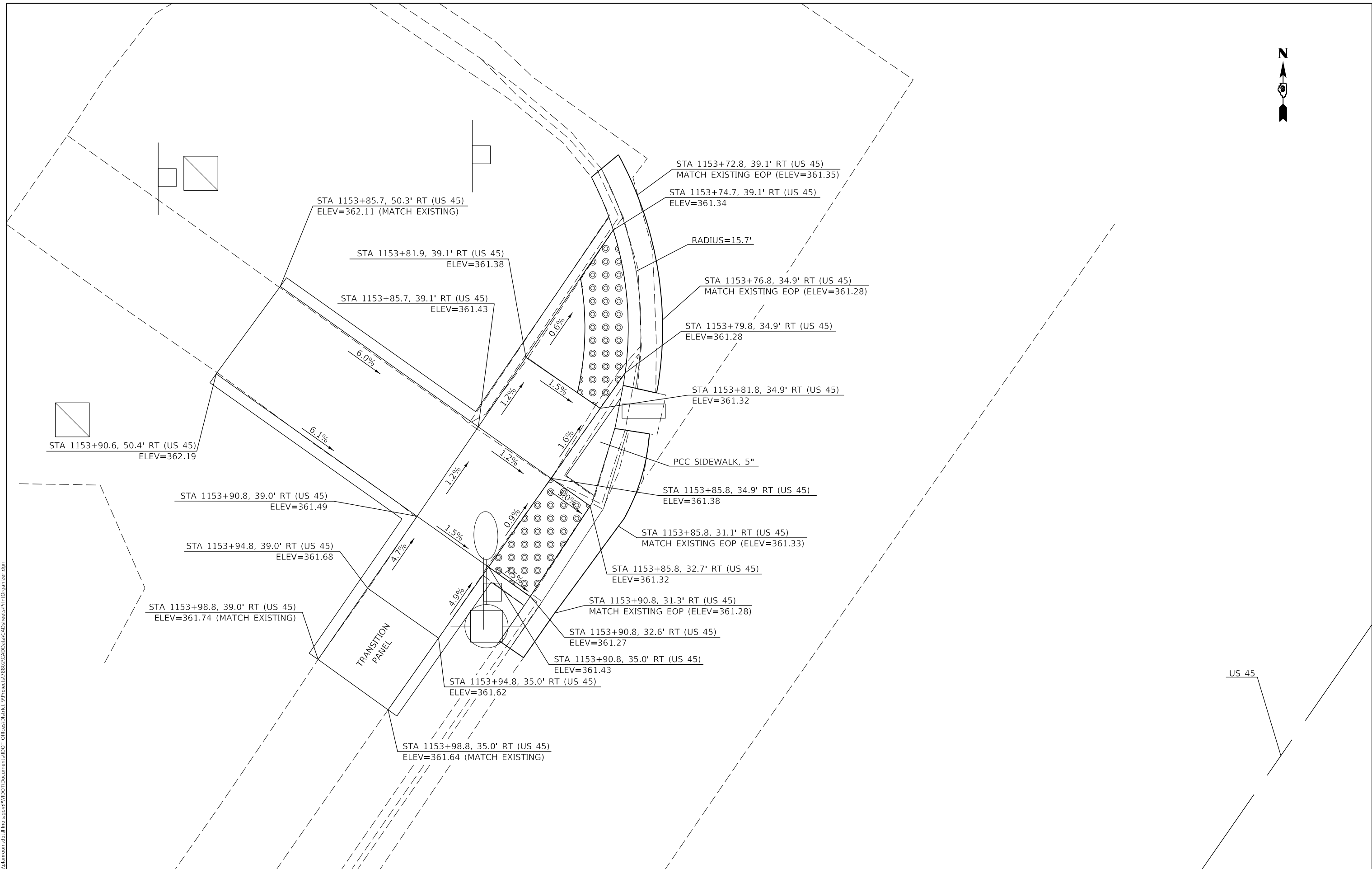
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PLOT DATE = 10/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAIL - LOCATION 4
 6TH ST SE QUADRANT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	50
CONTRACT NO. 78802				



US 45

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PLOT DATE = 10/21/2020	DATE -	REVISED -

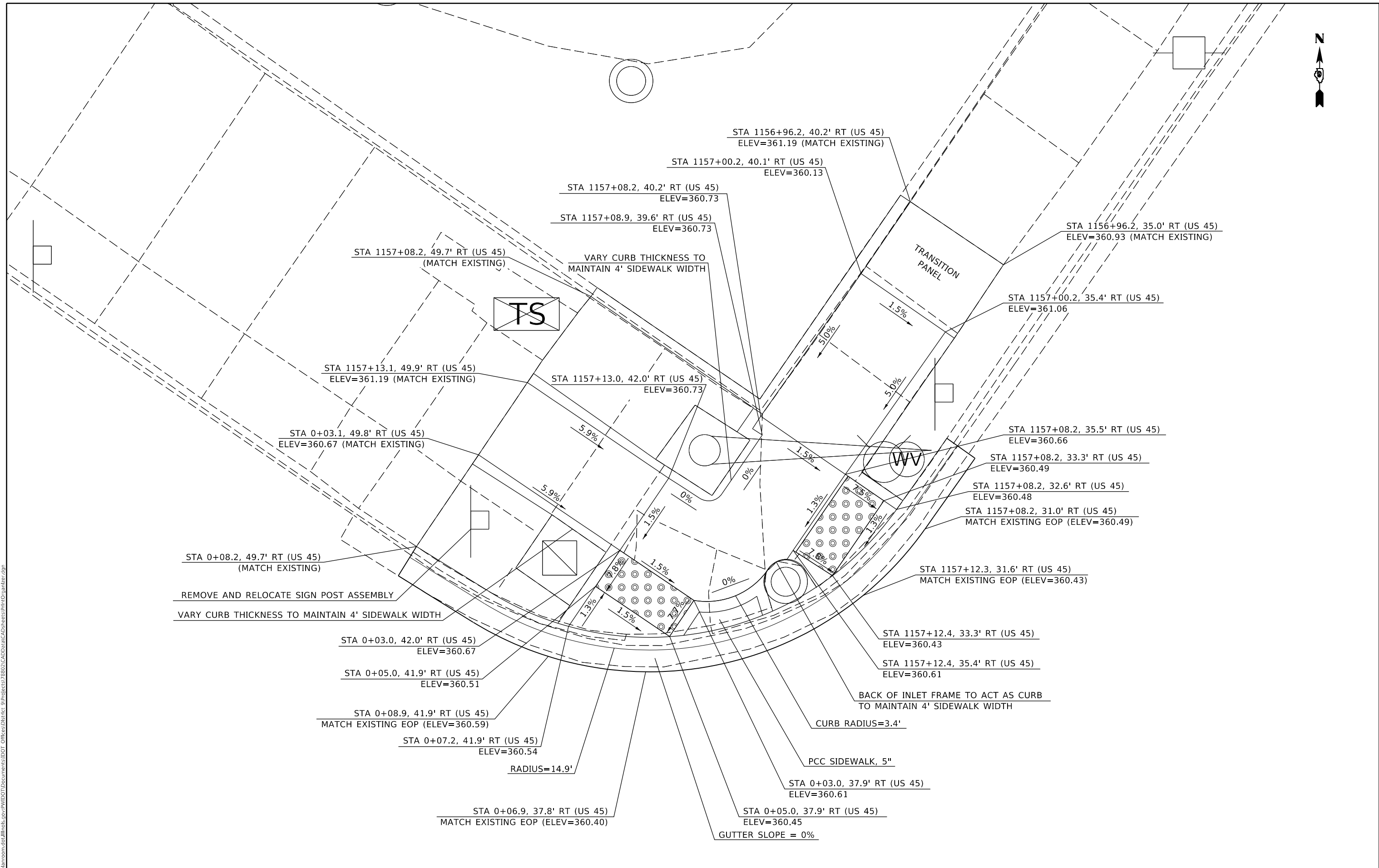
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 4
6TH ST NE QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	49
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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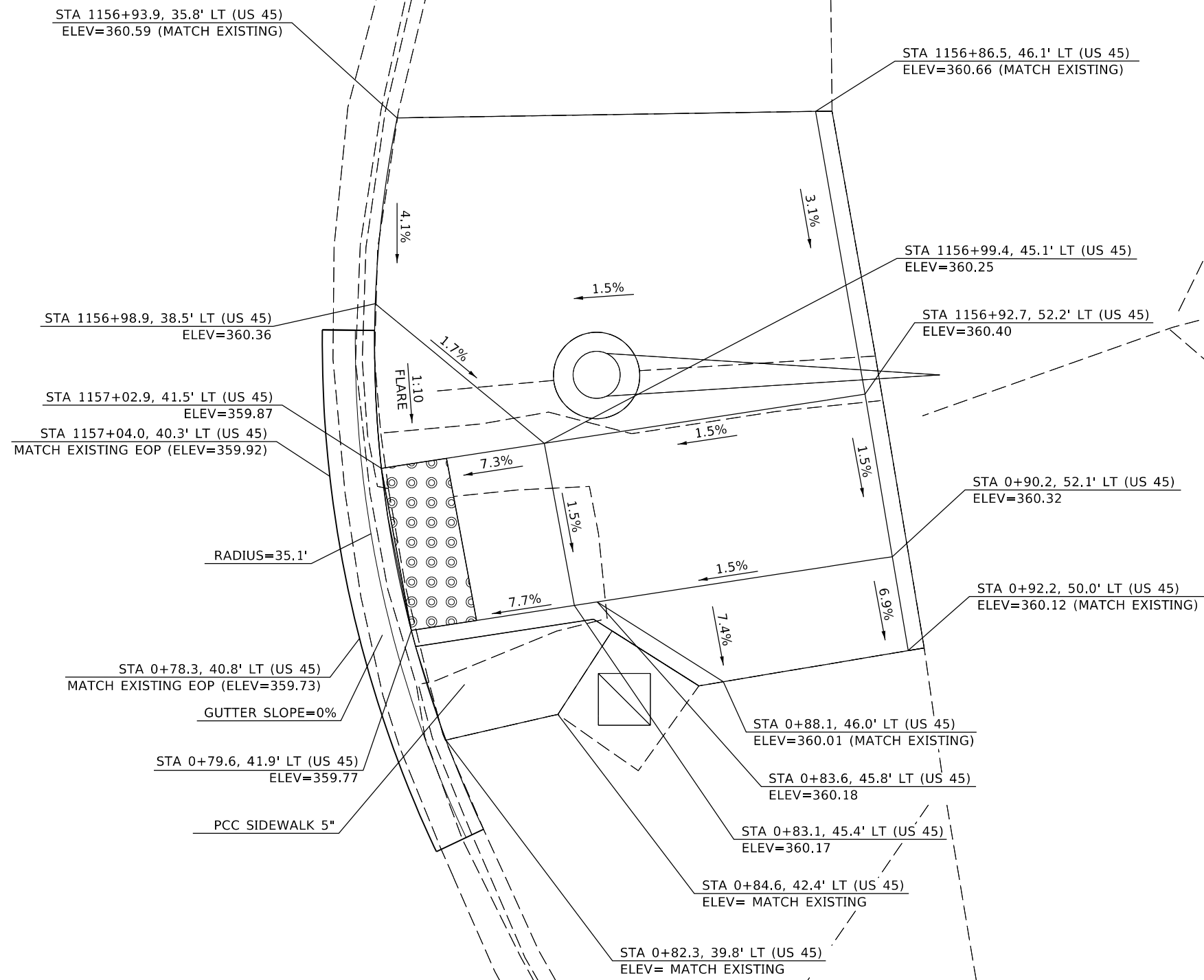
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 5
5TH ST NW QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	52
CONTRACT NO. 78802				

SCALE: SHEET OF SHEETS STA. TO STA.

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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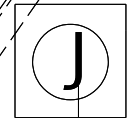
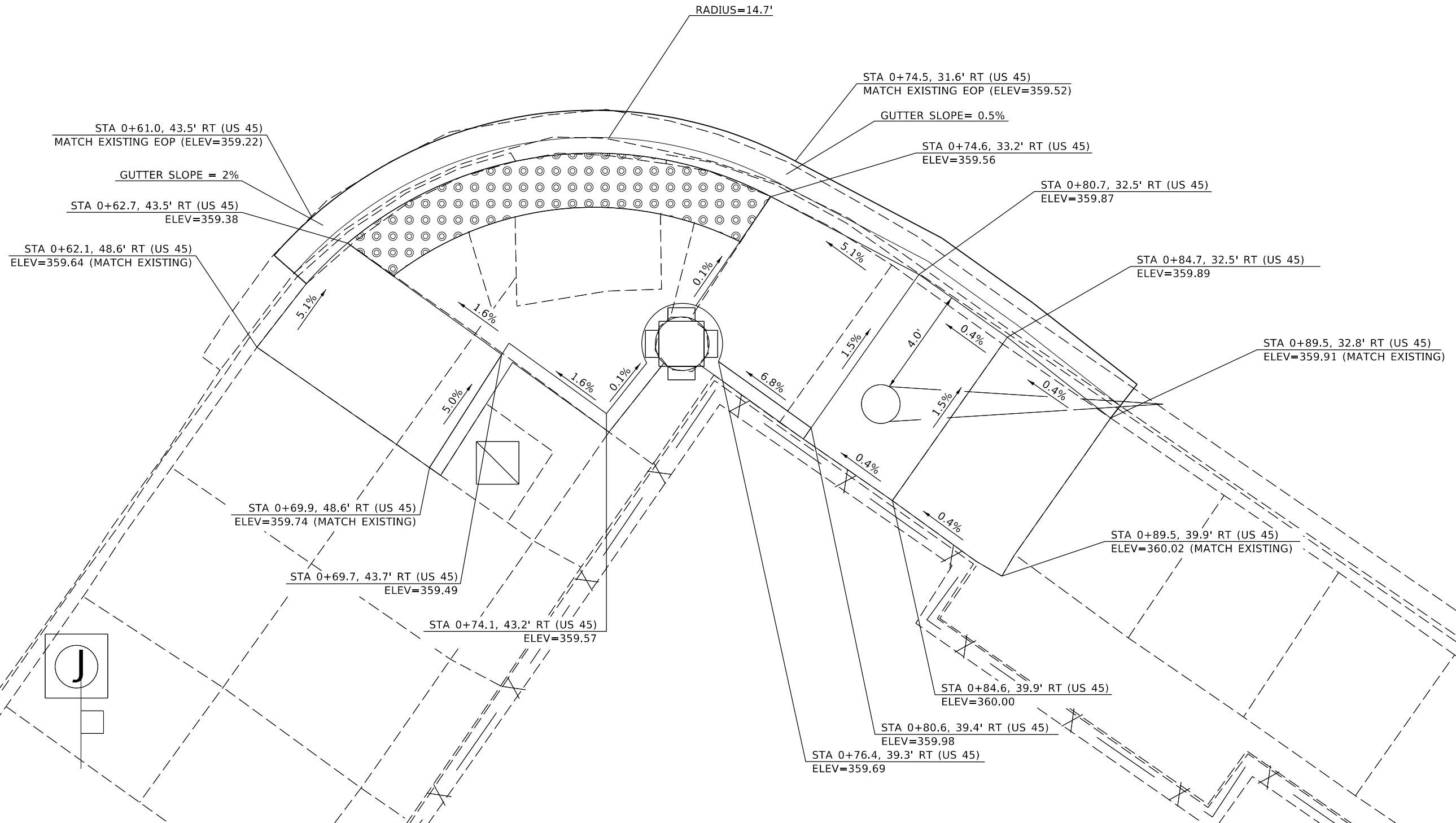
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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ADA DETAIL - LOCATION 5
5TH ST NE QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	53
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 5
5TH ST SE QUADRANT

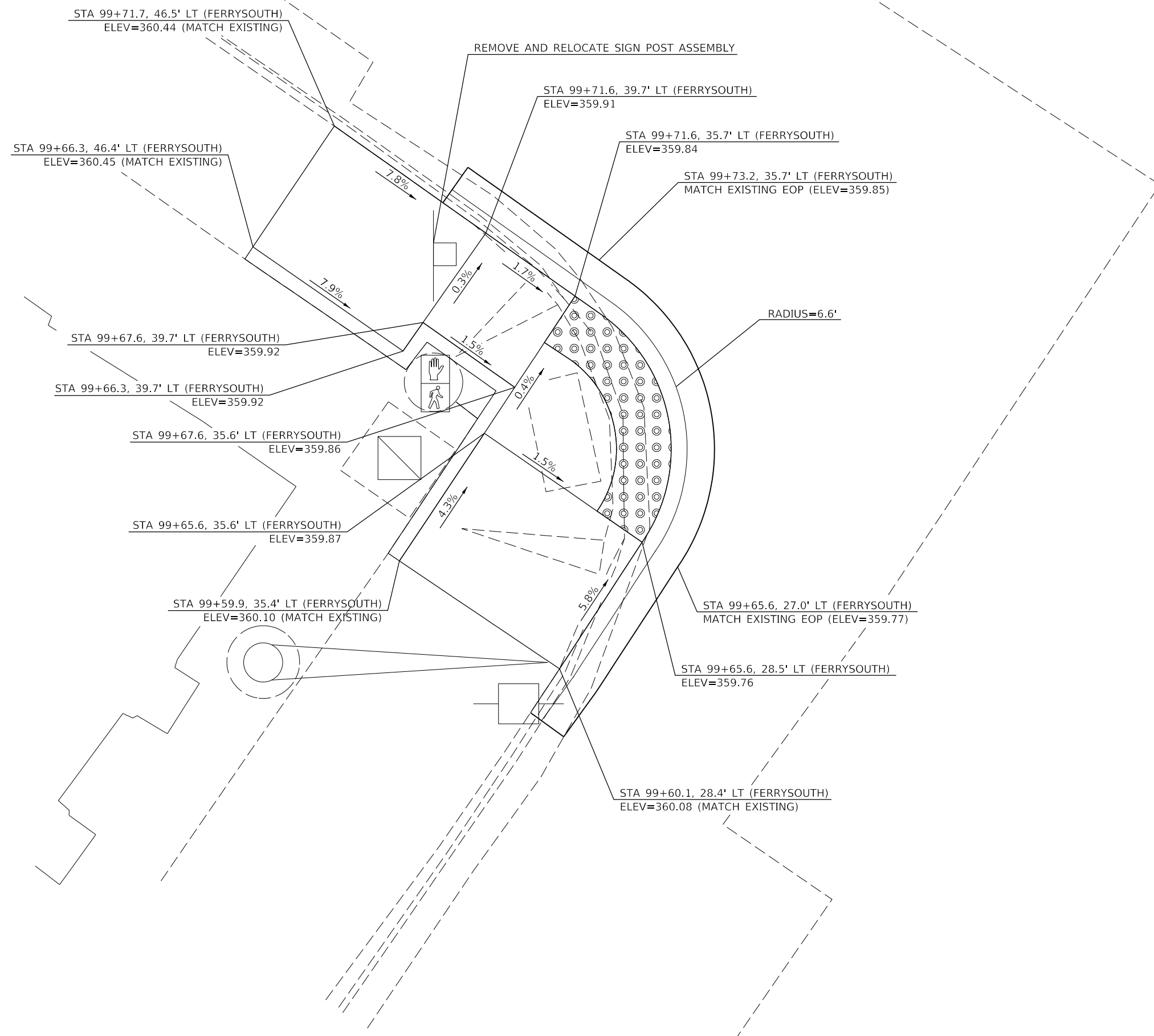
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	54
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



5THWEST



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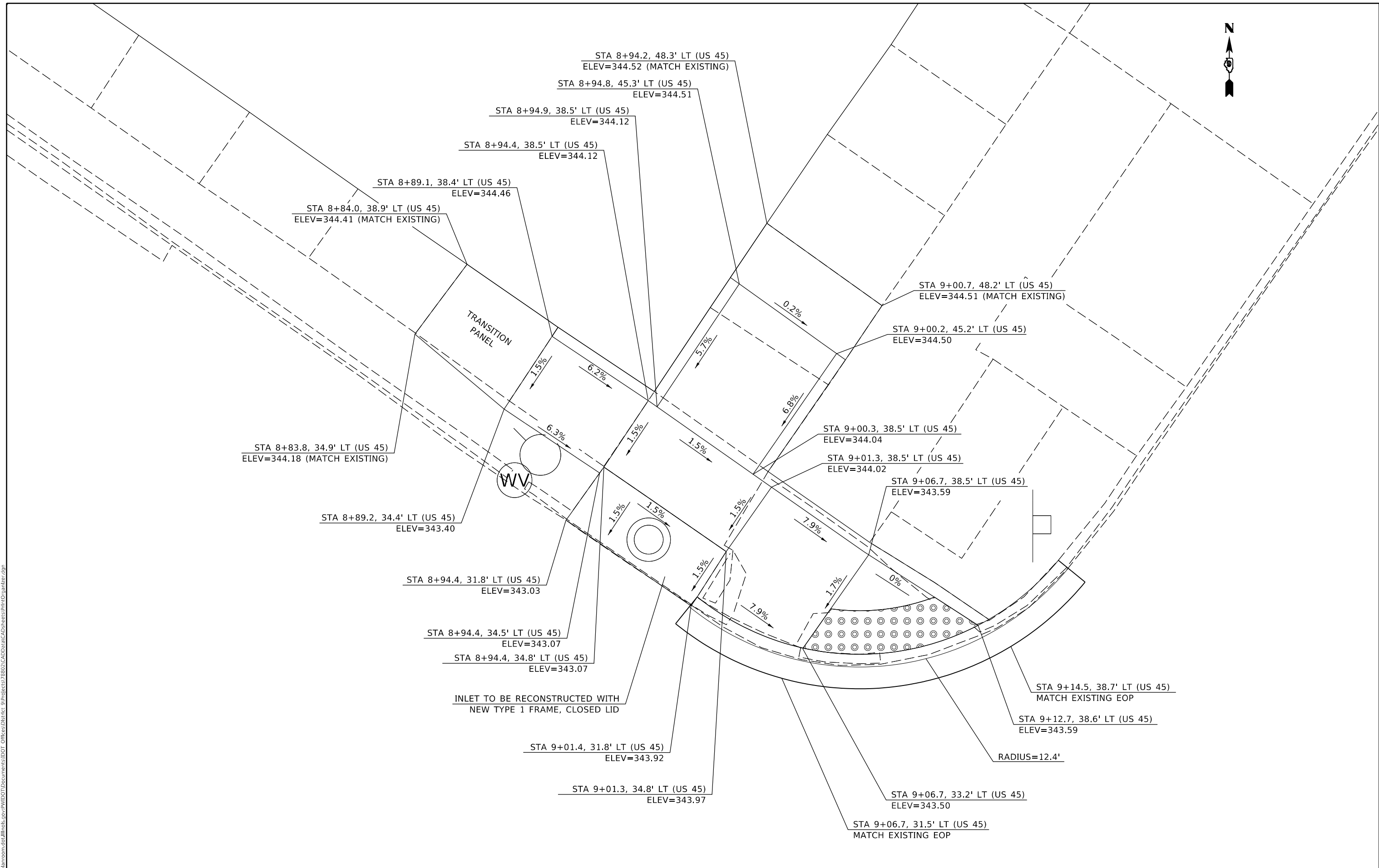
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 5
5TH ST SW QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	55
CONTRACT NO. 78802				
		ILLINOIS	FED. AID PROJECT	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



STA 8+83.8, 34.9' LT (US 45)
ELEV=344.18 (MATCH EXISTING)

STA 8+84.0, 38.9' LT (US 45)
ELEV=344.41 (MATCH EXISTING)

STA 8+89.1, 38.4' LT (US 45)
ELEV=344.46

STA 8+94.4, 38.5' LT (US 45)
ELEV=344.12

STA 8+94.9, 38.5' LT (US 45)
ELEV=344.12

STA 8+94.8, 45.3' LT (US 45)
ELEV=344.51

STA 8+94.2, 48.3' LT (US 45)
ELEV=344.52 (MATCH EXISTING)

STA 8+89.2, 34.4' LT (US 45)
ELEV=343.40

STA 8+94.4, 31.8' LT (US 45)
ELEV=343.03

STA 8+94.4, 34.5' LT (US 45)
ELEV=343.07

STA 8+94.4, 34.8' LT (US 45)
ELEV=343.07

INLET TO BE RECONSTRUCTED WITH
NEW TYPE 1 FRAME, CLOSED LID

STA 9+01.4, 31.8' LT (US 45)
ELEV=343.92

STA 9+01.3, 34.8' LT (US 45)
ELEV=343.97

STA 9+00.3, 38.5' LT (US 45)
ELEV=344.04

STA 9+01.3, 38.5' LT (US 45)
ELEV=344.02

STA 9+06.7, 38.5' LT (US 45)
ELEV=343.59

STA 9+06.7, 33.2' LT (US 45)
ELEV=343.50

STA 9+06.7, 31.5' LT (US 45)
MATCH EXISTING EOP

STA 9+00.7, 48.2' LT (US 45)
ELEV=344.51 (MATCH EXISTING)

STA 9+00.2, 45.2' LT (US 45)
ELEV=344.50

STA 9+14.5, 38.7' LT (US 45)
MATCH EXISTING EOP

STA 9+12.7, 38.6' LT (US 45)
ELEV=343.59

RADIUS=12.4'

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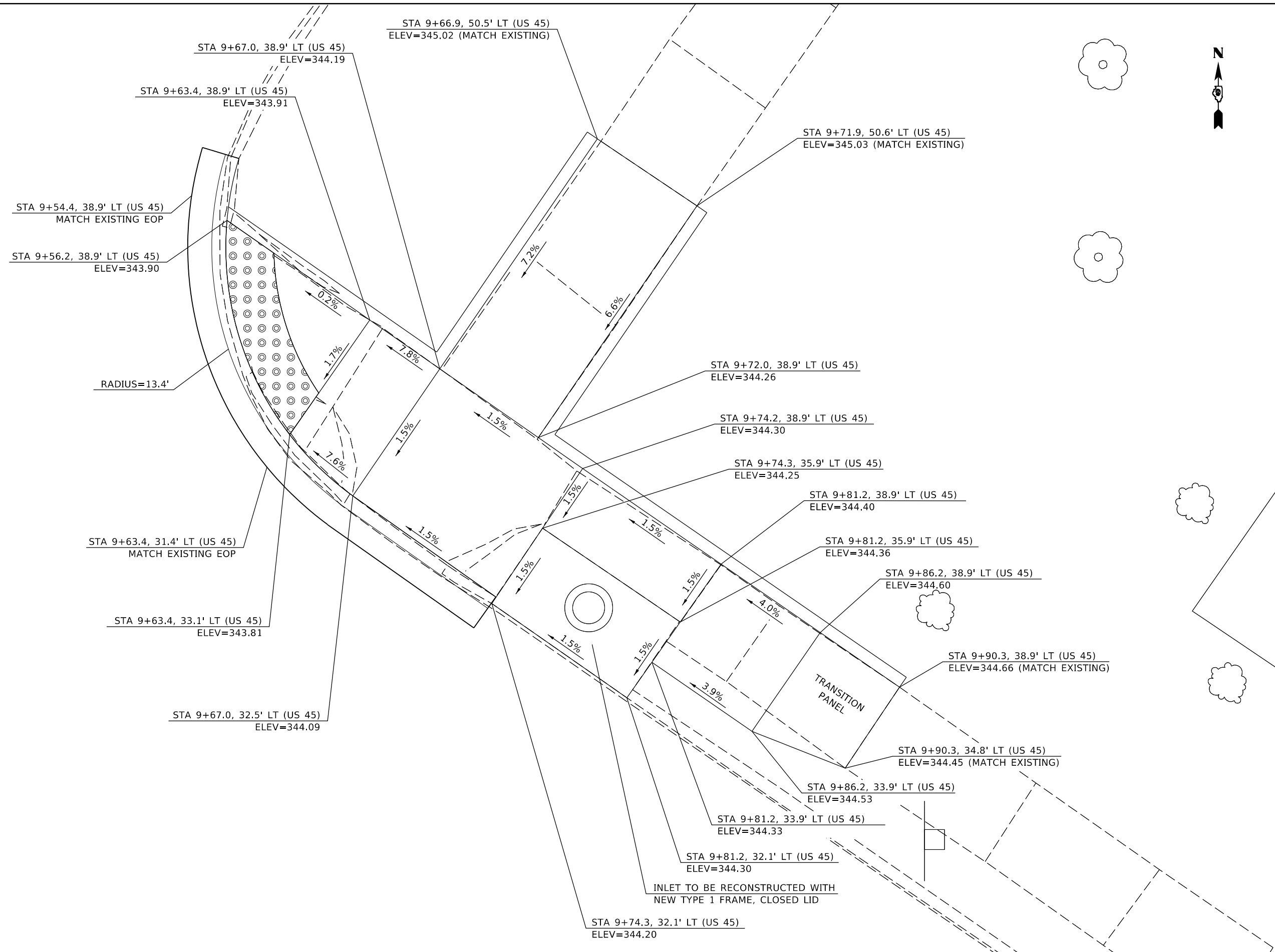
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 6
GIRARD ST NW QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	56
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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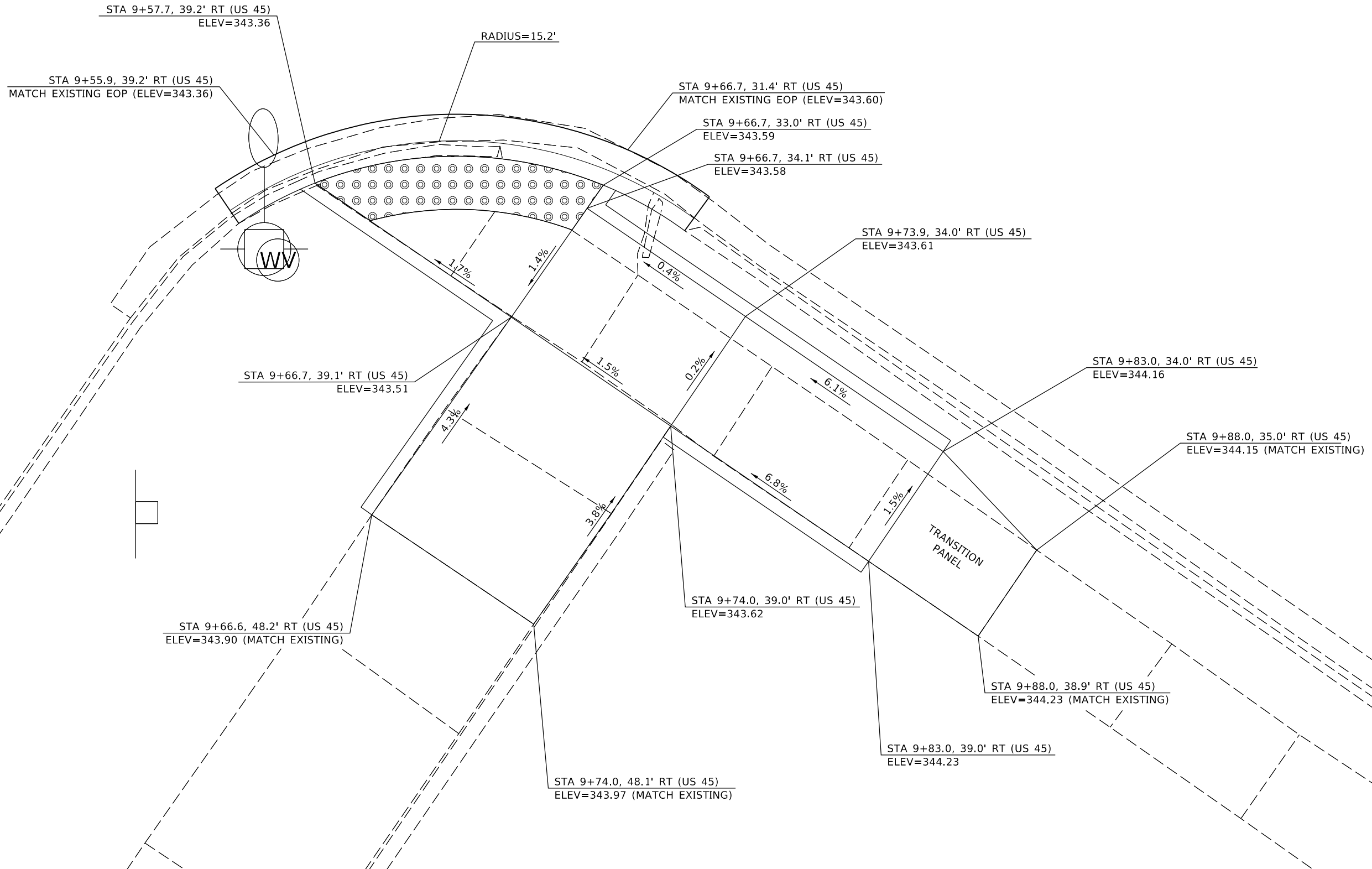
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAIL - LOCATION 6
GIRARD ST NE QUADRANT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	57
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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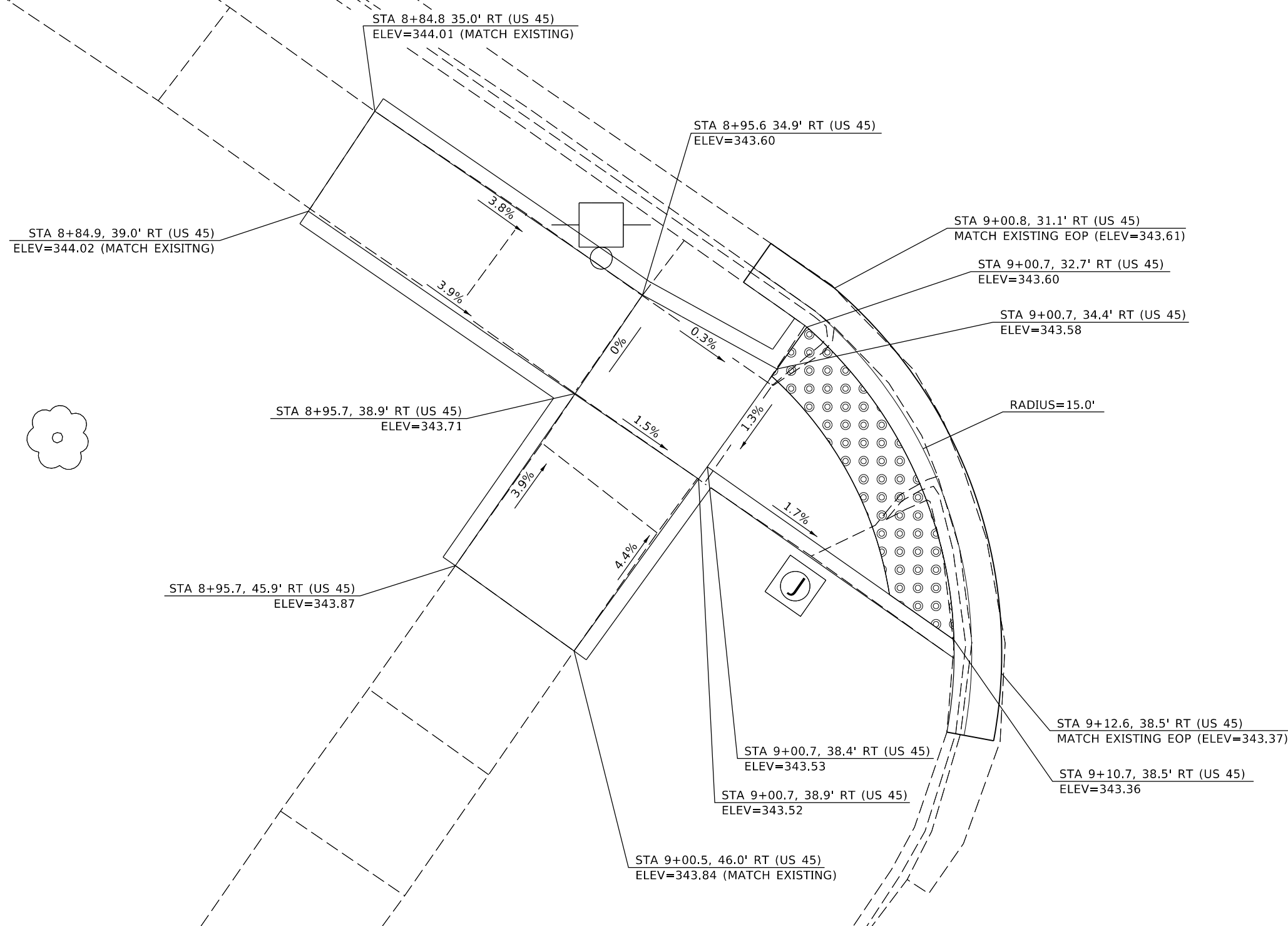
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PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 6			
GIRARD ST SE QUADRANT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	58
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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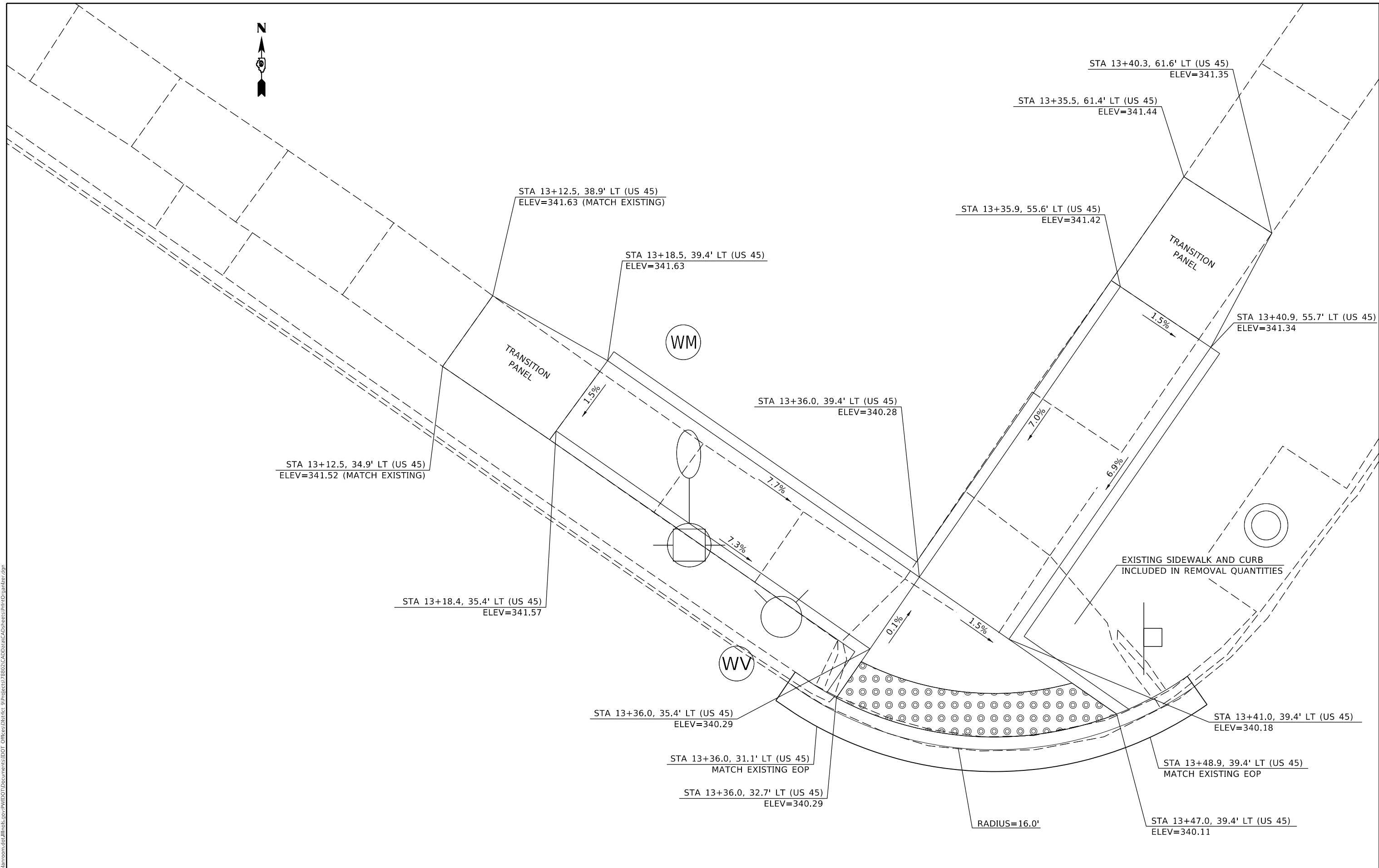
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 6
GIRARD ST SW QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	59
CONTRACT NO. 78802				

SCALE: SHEET OF SHEETS STA. TO STA.

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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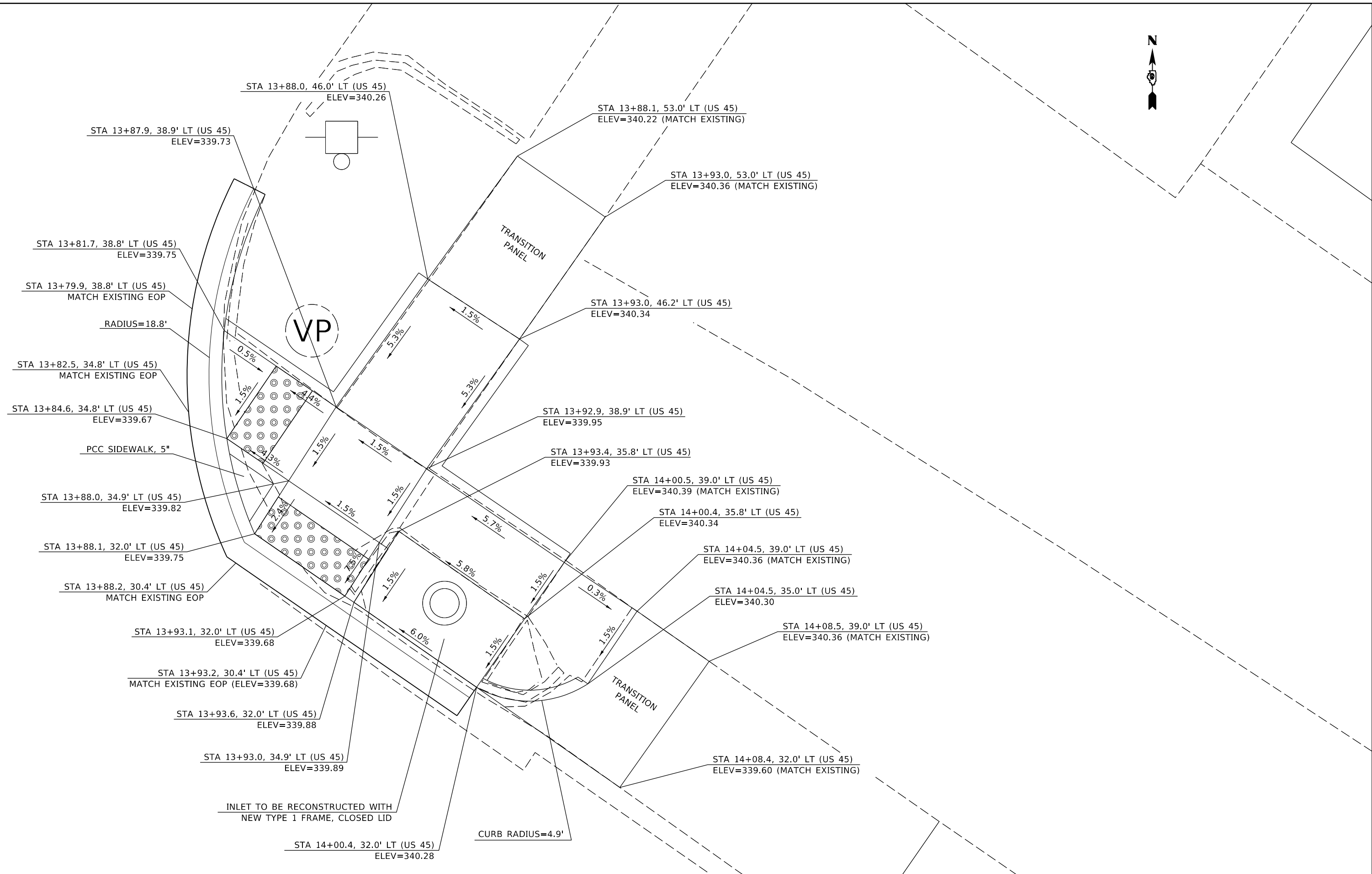
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 7
CATHERINE ST NW QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	60
CONTRACT NO. 78802				

SCALE: SHEET OF SHEETS STA. TO STA.

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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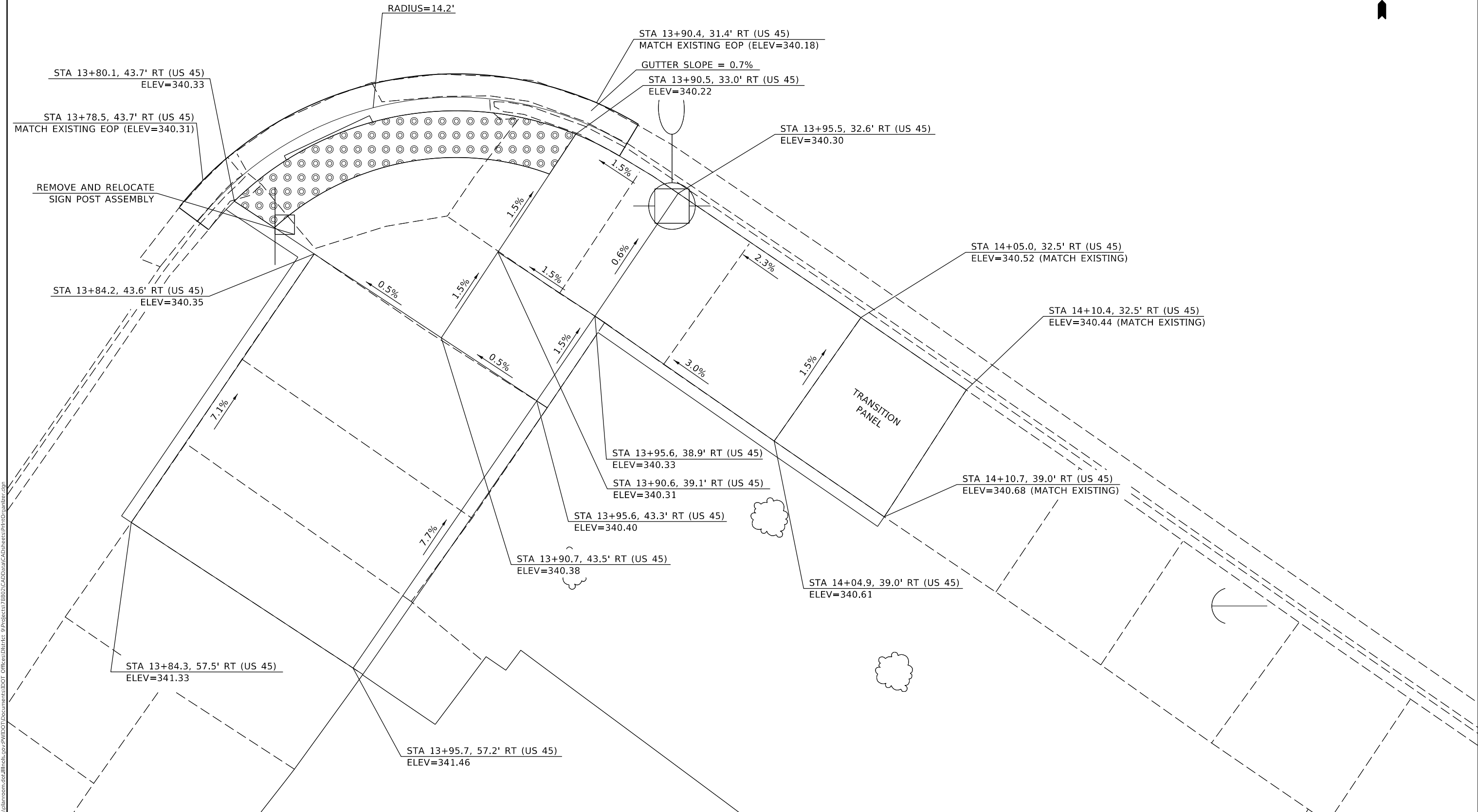
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 7
CATHERINE ST NE QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	61
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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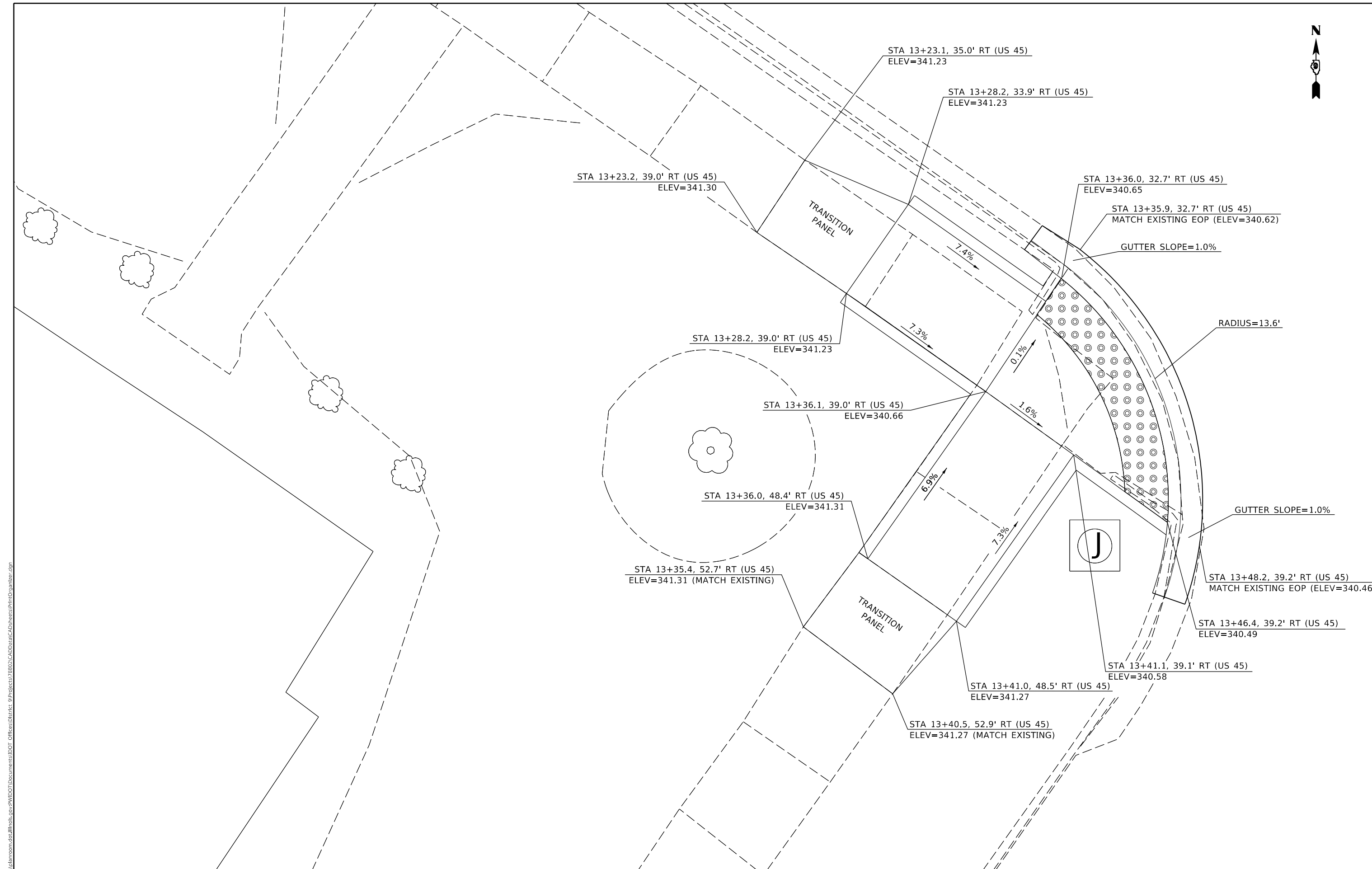
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 7
CATHERINE ST SE QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	62
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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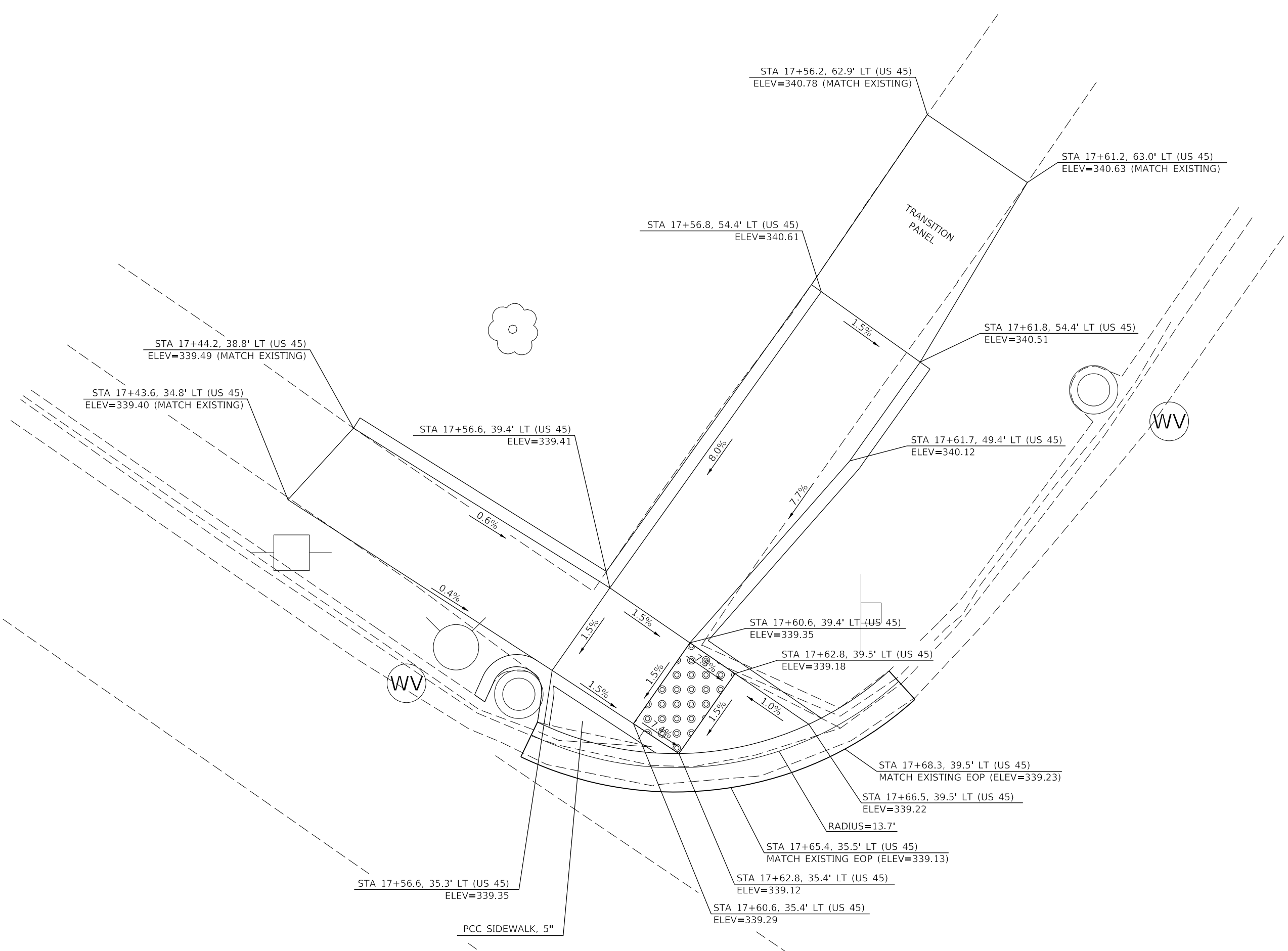
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PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL - LOCATION 7
CATHERINE ST SW QUADRANT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	63
CONTRACT NO. 78802				

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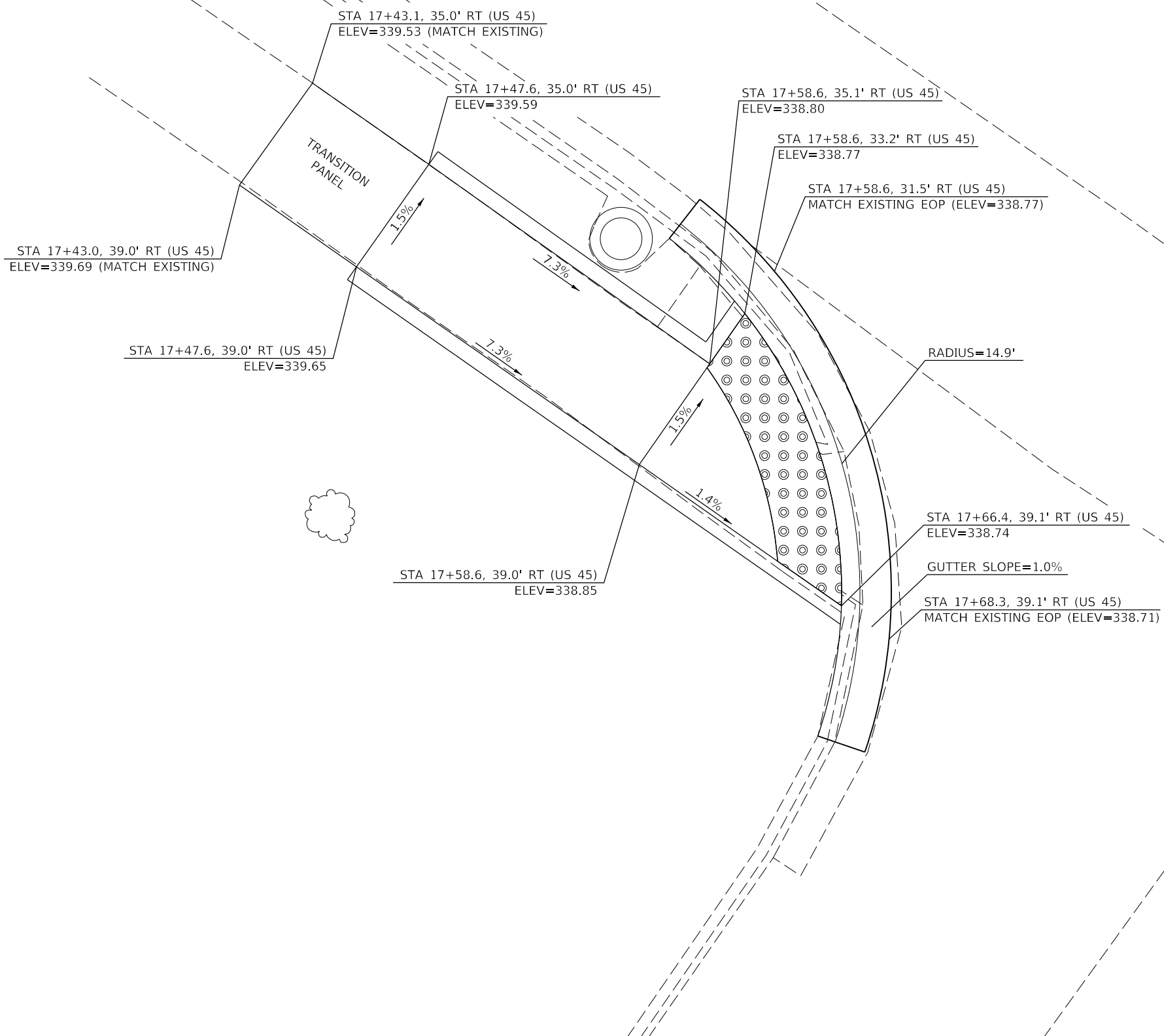
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAIL - LOCATION 8
 OPHIA ST NW QUADRANT**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	64
CONTRACT NO. 78802				

SCALE: SHEET OF SHEETS STA. TO STA.

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132



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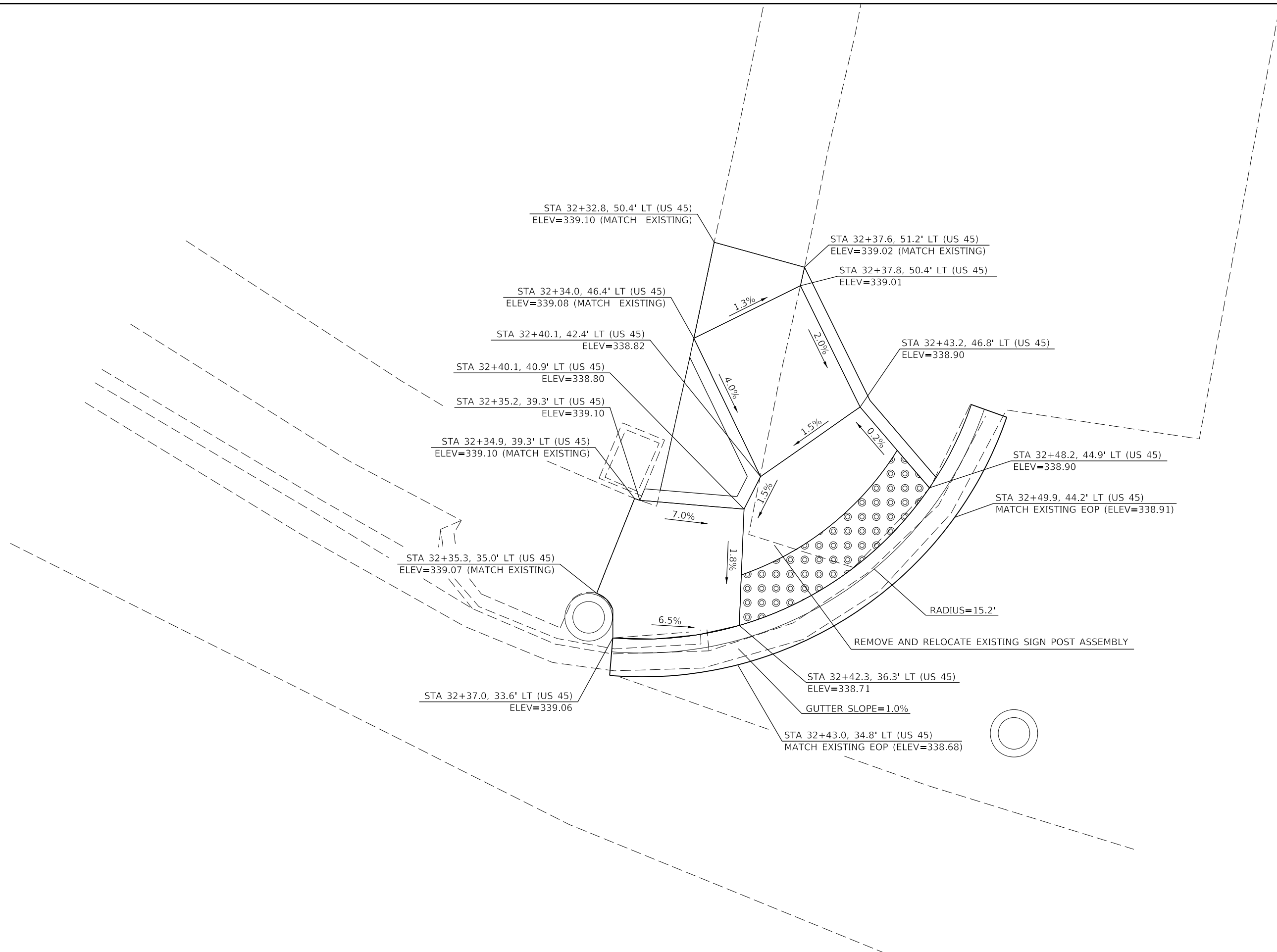
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA DETAIL - LOCATION 8			
OPHIA ST SW QUADRANT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	65
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

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PLOT DATE = 10/21/2020	DATE -	REVISED -

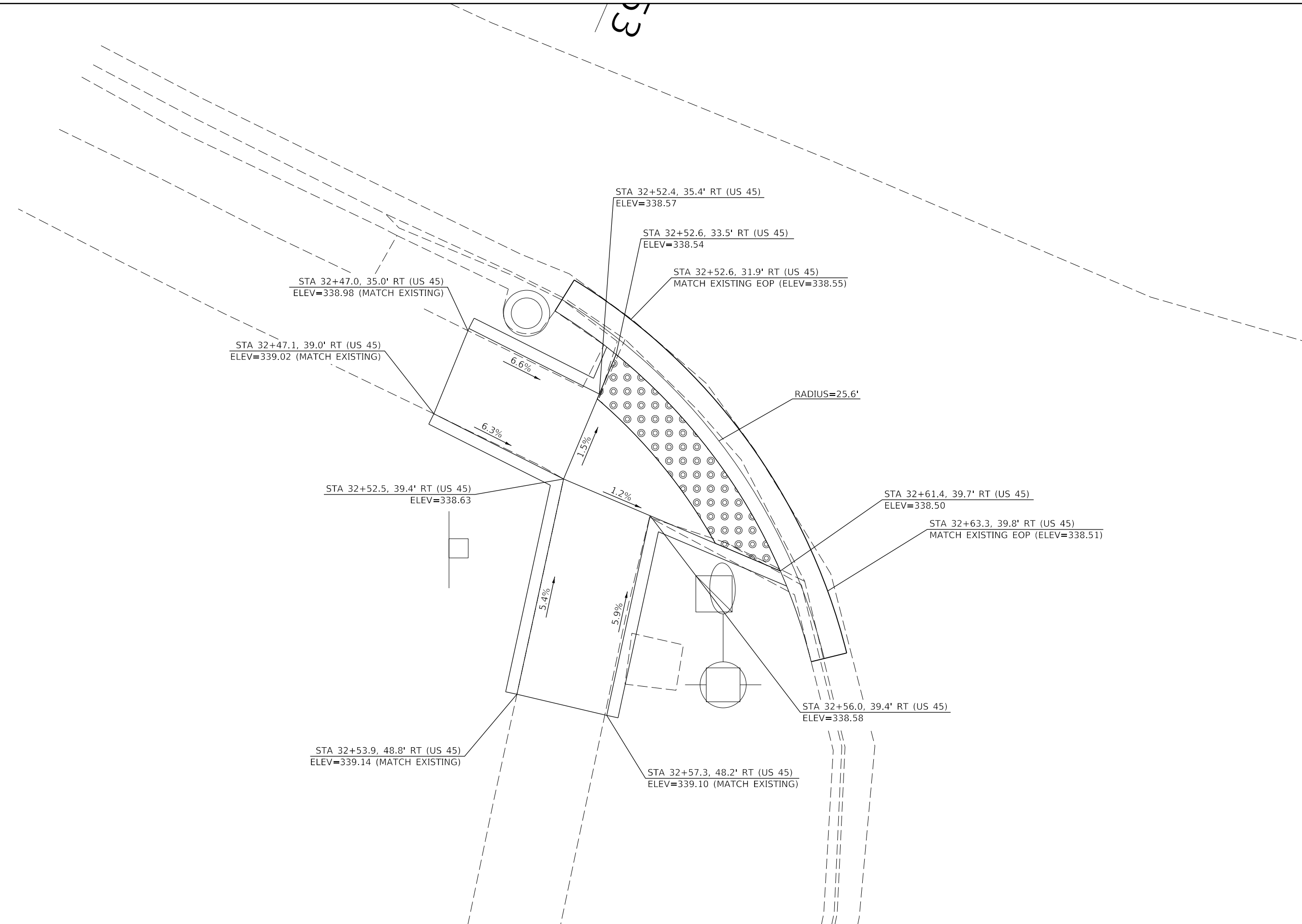
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAIL - LOCATION 9
 SCOTT ST NW QUADRANT**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	66
CONTRACT NO. 78802				
SCALE:		SHEET OF SHEETS	STA. TO STA.	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

3



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PLOT DATE = 10/21/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

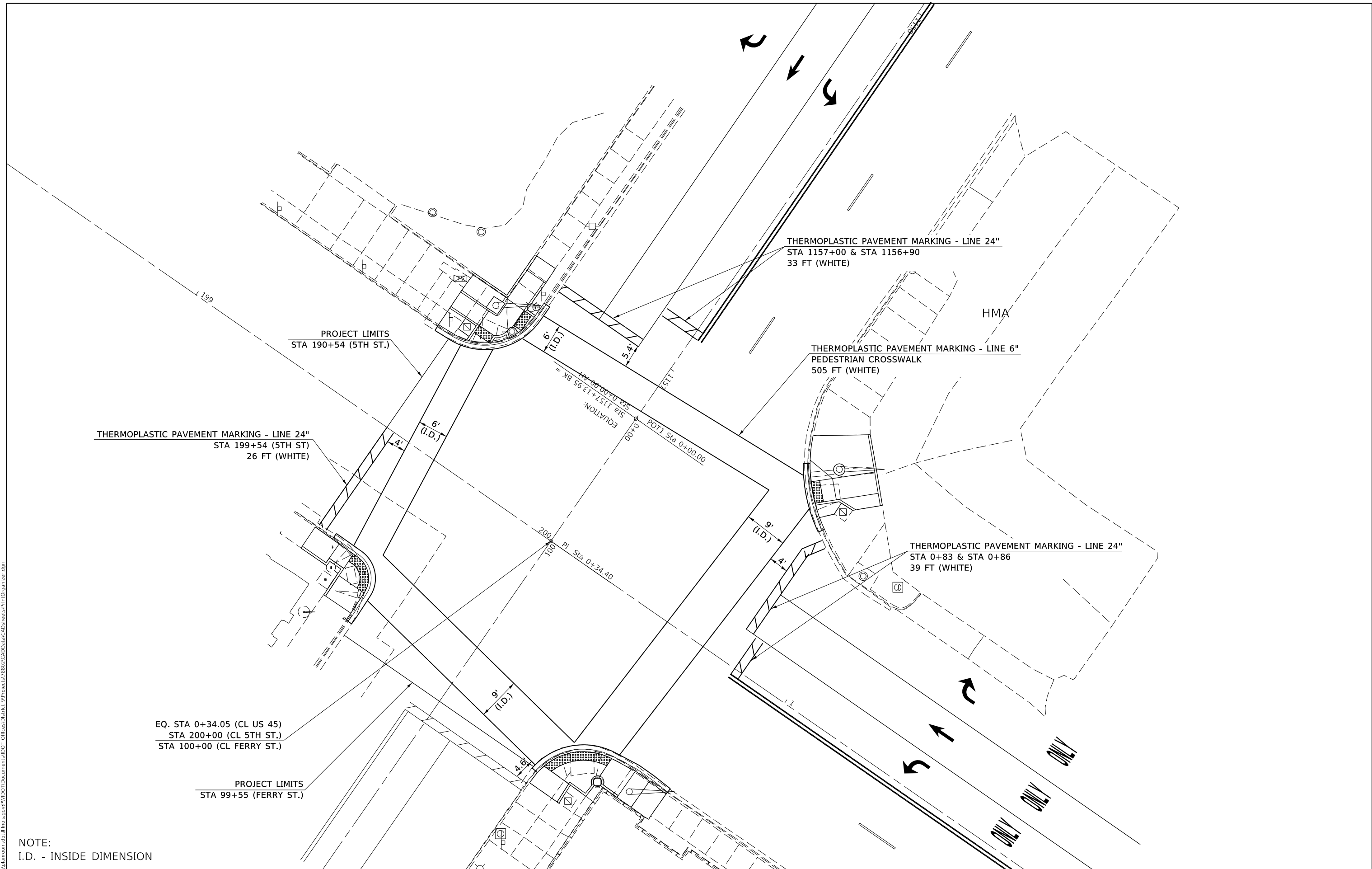
ADA DETAIL - LOCATION 9
SCOTT ST SW QUADRANT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	67
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4)
 *FAU 9771/FAP 889/FAS 961/FAP 132

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NOTE:
I.D. - INSIDE DIMENSION

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION













RESURFACING LIMITS / PEDESTRIAN PAVEMENT MARKING DETAIL
US 45 - 5TH ST. & FERRY ST INT.


SCALE: SHEET OF SHEETS STA. TO STA.




F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	68
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132












EXISTING TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

-  EXISTING CABLE NUMBER
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-  SIGNAL SECTION - SOLID RED
-  SIGNAL SECTION - SOLID YELLOW
-  SIGNAL SECTION - SOLID GREEN
-  SIGNAL SECTION - LEFT TURN RED
-  SIGNAL SECTION - LEFT TURN YELLOW
-  SIGNAL SECTION - LEFT TURN GREEN
-  SIGNAL SECTION - RIGHT TURN YELLOW
-  SIGNAL SECTION - RIGHT TURN GREEN
-  WALK/DON'T WALK SECTION
PEDESTRIAN SIGNAL HEAD
-  TRAFFIC SIGNAL BACKPLATE
-  TRAFFIC DETECTOR LOOP
SIGNAL PHASE

-  EXISTING UNDERGROUND CONDUIT
- EX-MA EXISTING MAST ARM
- EX-HH EXISTING HANDHOLE
- EX-SP EXISTING SIGNAL POLE
- EX-GJ EXISTING GULF JUNCTION BOX
- EX-MP EXISTING MAST POLE
- EX-PP EXISTING PEDESTRIAN PUSH BUTTON POST

-  SINGLE LUMINAIRE NUMBER INDICATED ON
DRAWING DENOTES FIXTURE NUMBER
-  EXISTING SIGNAL POST
-  TERMINAL BLOCK

PROPOSED TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

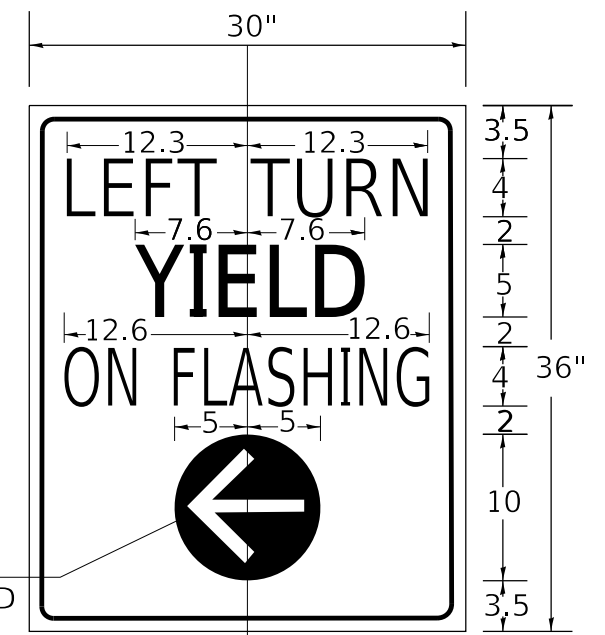
-  PROPOSED CABLE NUMBER
*=CABLE NUMBER
-  SIGNAL SECTION - SOLID RED
-  SIGNAL SECTION - SOLID YELLOW
-  SIGNAL SECTION - SOLID GREEN
-  SIGNAL SECTION - LEFT TURN RED
-  SIGNAL SECTION - LEFT TURN FLASHING YELLOW
-  SIGNAL SECTION - LEFT TURN YELLOW
-  SIGNAL SECTION - LEFT TURN GREEN
-  WALK/DON'T WALK SECTION
PEDESTRIAN SIGNAL HEAD
-  TRAFFIC SIGNAL BACKPLATE
-  PROPOSED UNDERGROUND CONDUIT

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
2. ALL REMOVAL TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
3. THE REMOVAL OF SIGN AND SIGN ASSEMBLIES ATTACHED TO EXISTING MAST ARM AND SIGNAL POLES ARE TO BE CONSIDERED INCIDENTAL TO "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" AND WILL NOT BE PAID FOR SEPARATELY.

PROPOSED TRAFFIC SIGNAL NOTES

1. ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN THE POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
2. CONDUIT SPLICES MADE AT PROPOSED LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO "UNDERGROUND CONDUIT, TYPE, SIZE." IT WILL NOT BE PAID SEPARATELY.
3. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.



YELLOW ARROW
ON BLACK BACKGROUND
















LT YIELD ON FYA

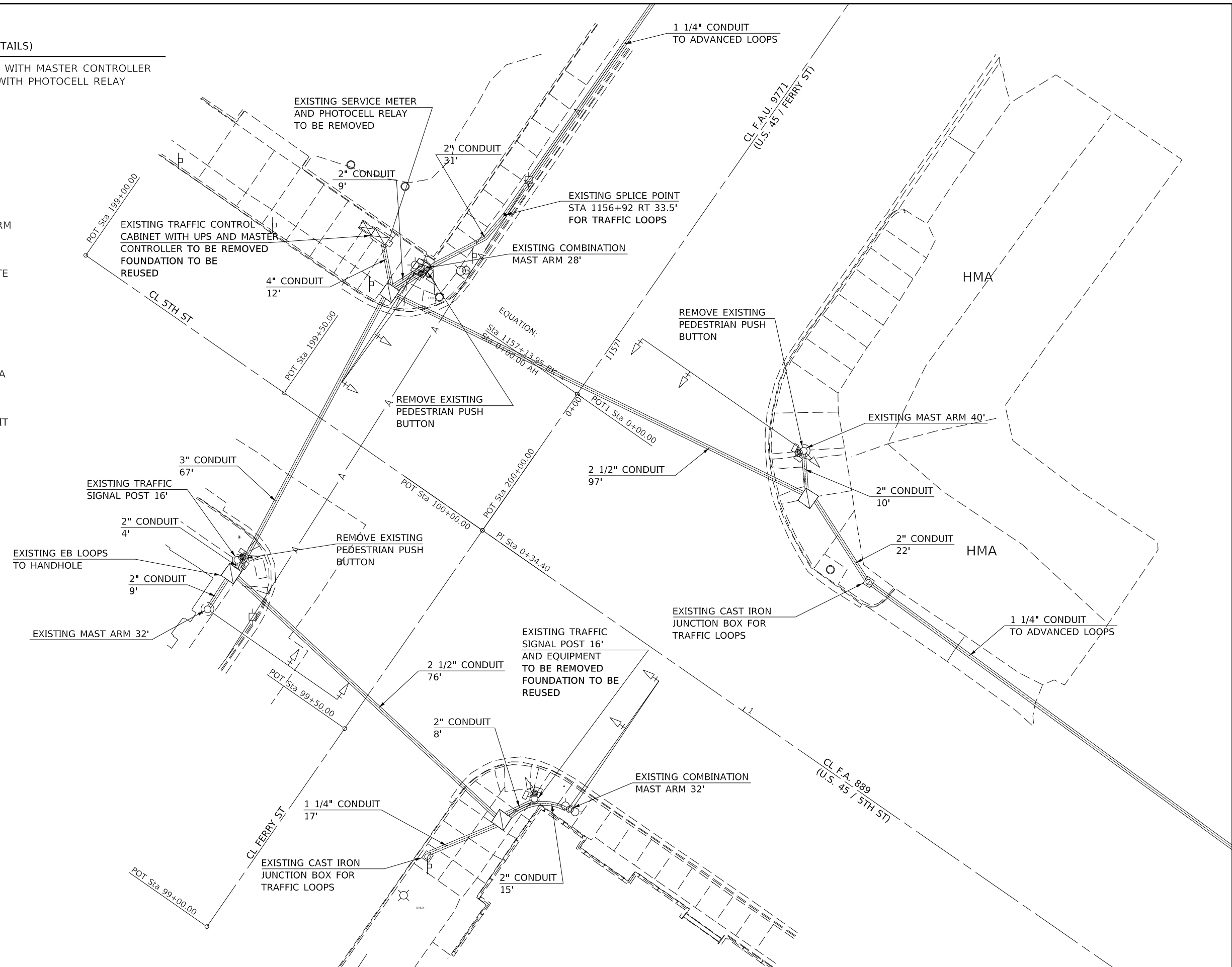
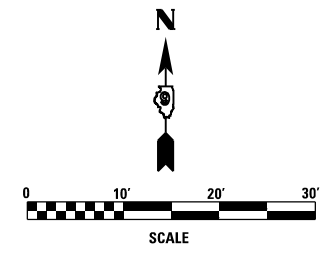
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SIGN LETTERING: BLACK
SIGN SHEETING: AP
SIGN NAME: LT TURN YIELD ON FYA

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PLOT SCALE: = 20.0000 "/>

	USER NAME = fowlera	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL LEGEND, DETAIL, AND NOTES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									81	69
	PLOT SCALE = 20.0000 "/> <td>CHECKED -</td> <td>REVISED -</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2" style="text-align: center;">CONTRACT NO. 78802</td>	CHECKED -	REVISED -									CONTRACT NO. 78802	
	PLOT DATE = 10/21/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

EXISTING TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

-  TRAFFIC SIGNAL CONTROLLER WITH MASTER CONTROLLER AND LIGHTING CONTROLLER WITH PHOTOCELL RELAY
-  HANDHOLE
-  TRAFFIC JUNCTION BOX
-  CONDUIT SPLICE
-  SIGNAL POST
-  STEEL MAST ARM
-  STEEL COMBINATION MAST ARM
-  SIGNAL HEAD
-  SIGNAL HEAD WITH BACKPLATE
-  PEDESTRIAN PUSH BUTTON
-  PEDESTRIAN SIGNAL HEAD
-  TENON LUMINAIRE
-  RADIO TRANSCIVER ANTENNA
-  SERVICE INSTALLATION
-  INTERMEDIATE METAL CONDUIT



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





STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

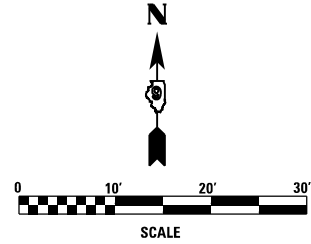
EXISTING TRAFFIC SIGNALS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	70
CONTRACT NO. 78802				
ILLINOIS		FED. AID PROJECT		

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

PROPOSED TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

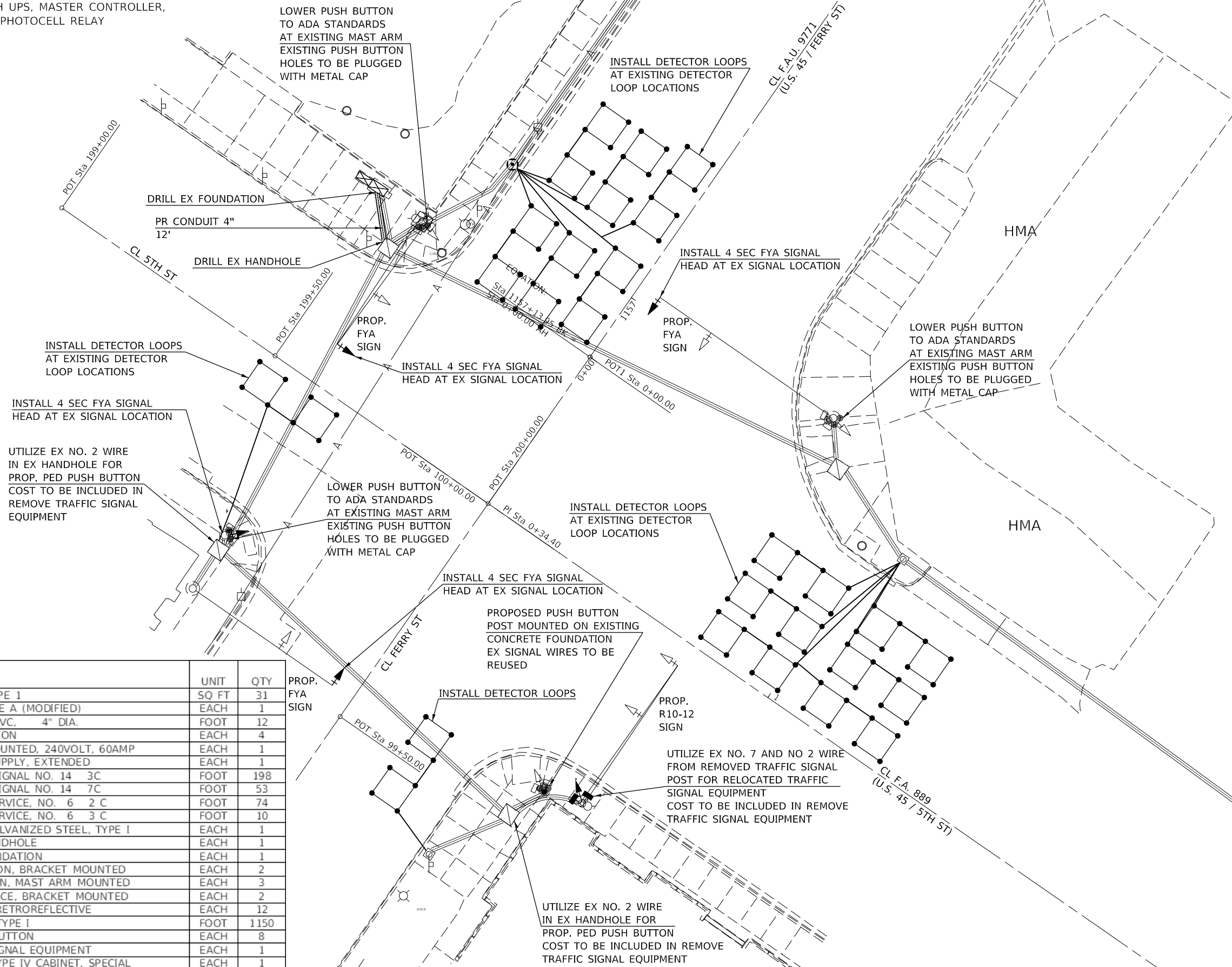
-  TRAFFIC SIGNAL CONTROLLER WITH UPS, MASTER CONTROLLER, AND LIGHTING CONTROLLER WITH PHOTOCELL RELAY
-  PEDESTRIAN PUSH BUTTON POST
-  SIGNAL HEAD WITH BACKPLATE
-  PEDESTRIAN PUSH BUTTON
-  PEDESTRIAN SIGNAL HEAD
-  GULFBOX JUNCTION



GULFBOX JUNCTION LOCATIONS

STATION	OFFSET
1156+92	33.5' RT
1155+30	33' RT
2+20	34' LT
2+70	34' LT

GULFBOX JUNCTIONS TO BE INSTALLED AT EXISTING SPLICE POINTS AND MATCH EXISTING FINISH GRADES



ITEM NO	ITEM	UNIT	QTY
72000100	SIGN PANEL - TYPE 1	SQ FT	31
X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	12
81500100	GULFBOX JUNCTION	EACH	4
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	198
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	53
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	74
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	10
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
87900100	DRILL EXISTING FOUNDATION	EACH	1
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
88600100	DETECTOR LOOP, TYPE I	FOOT	1150
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1

PROP. FYA SIGN

PROP. R10-12 SIGN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS

USER NAME = fowlera	DESIGNED -	REVISED -
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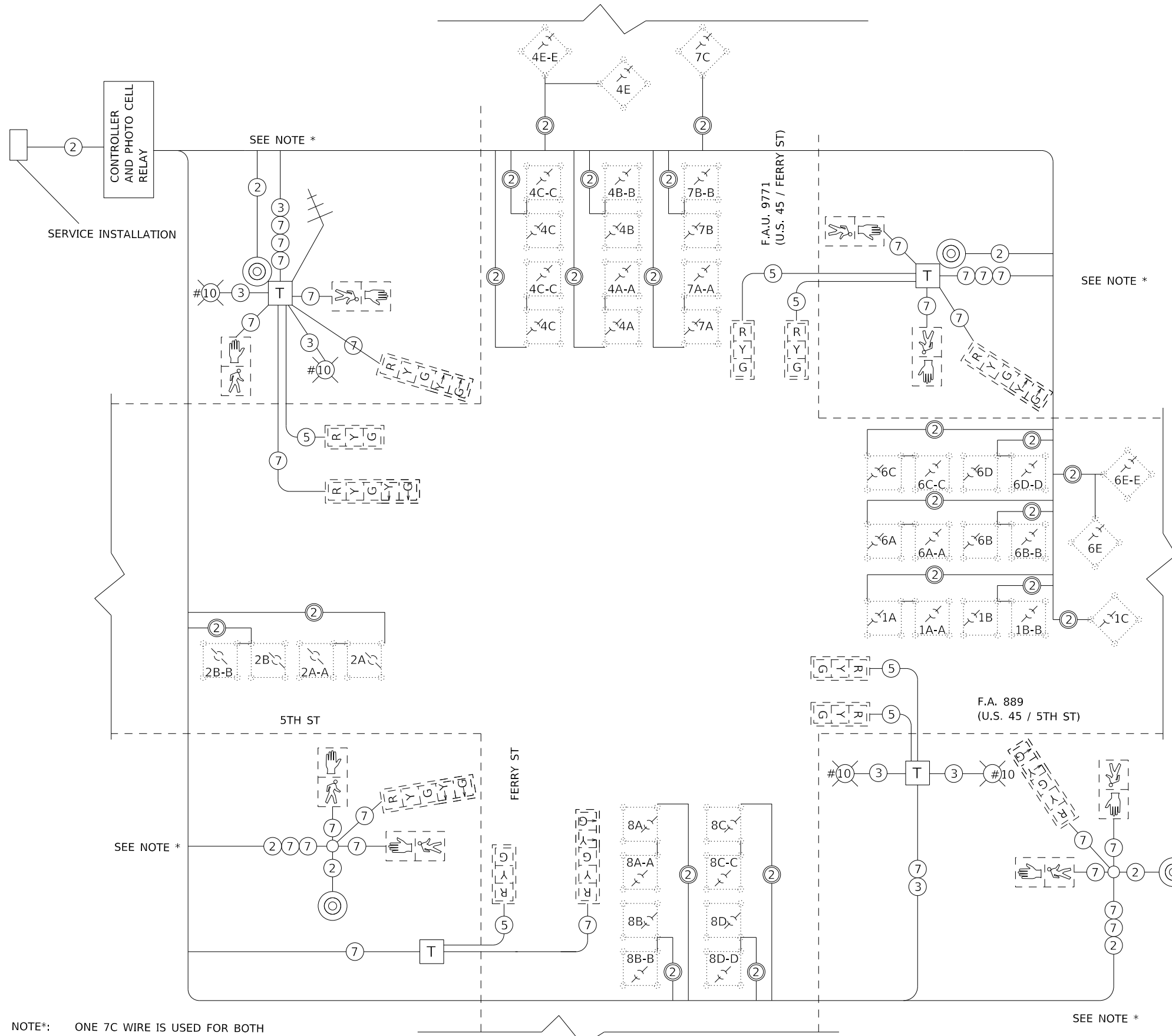
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	**	MASSAC	81	71
CONTRACT NO. 78802				

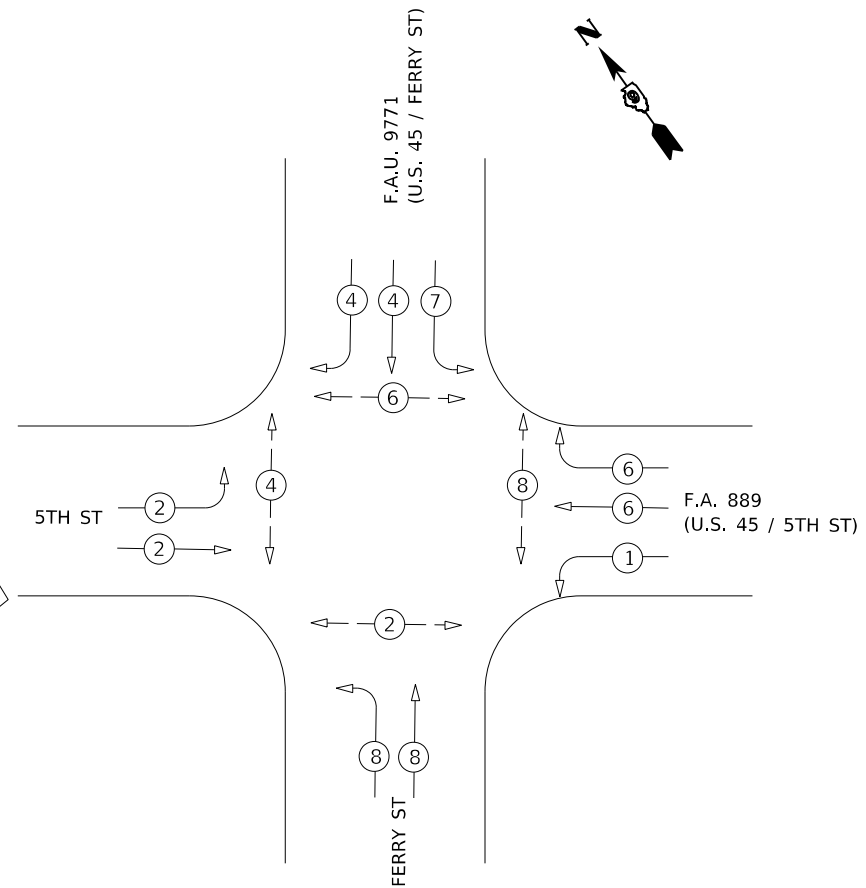
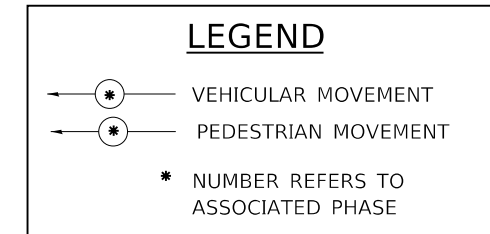
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EXISTING WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM

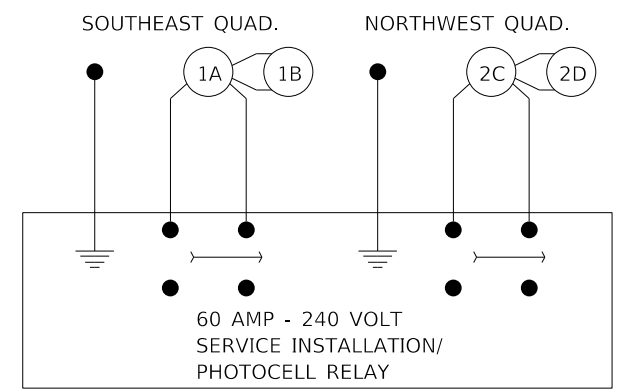


NOTE*: ONE 7C WIRE IS USED FOR BOTH PEDESTRIAN SIGNAL HEADS



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

LUMINAIRE WIRING DIAGRAM



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PROJECT: 78802 - ILLINOIS STATE DEPARTMENT OF TRANSPORTATION - 5TH AND FERRY ST. TRAFFIC SIGNALS

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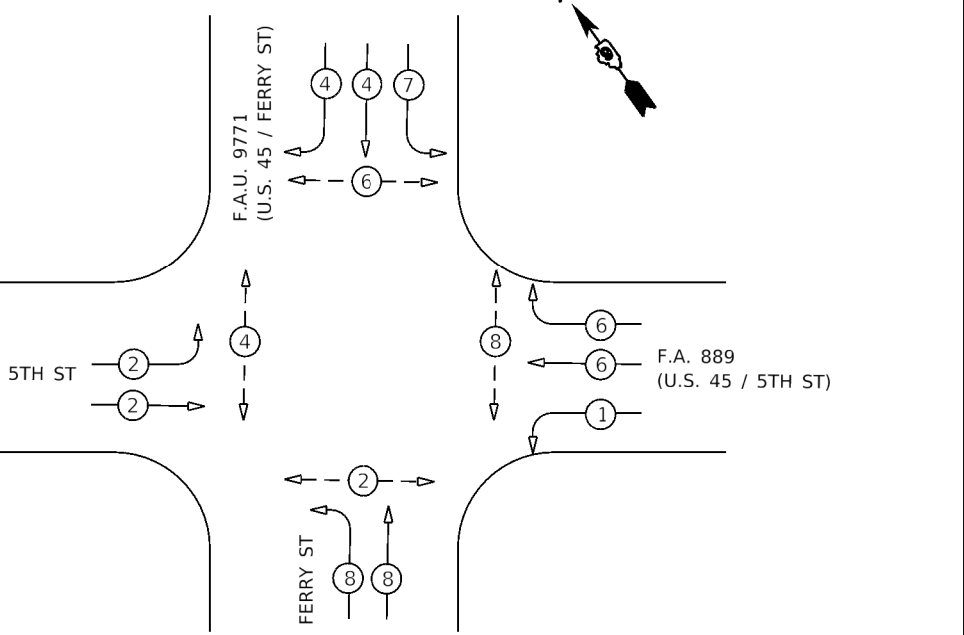
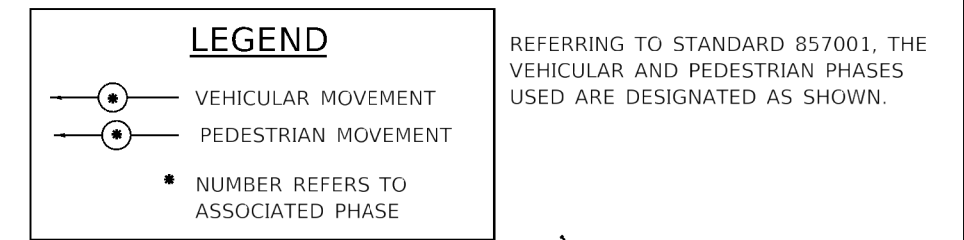
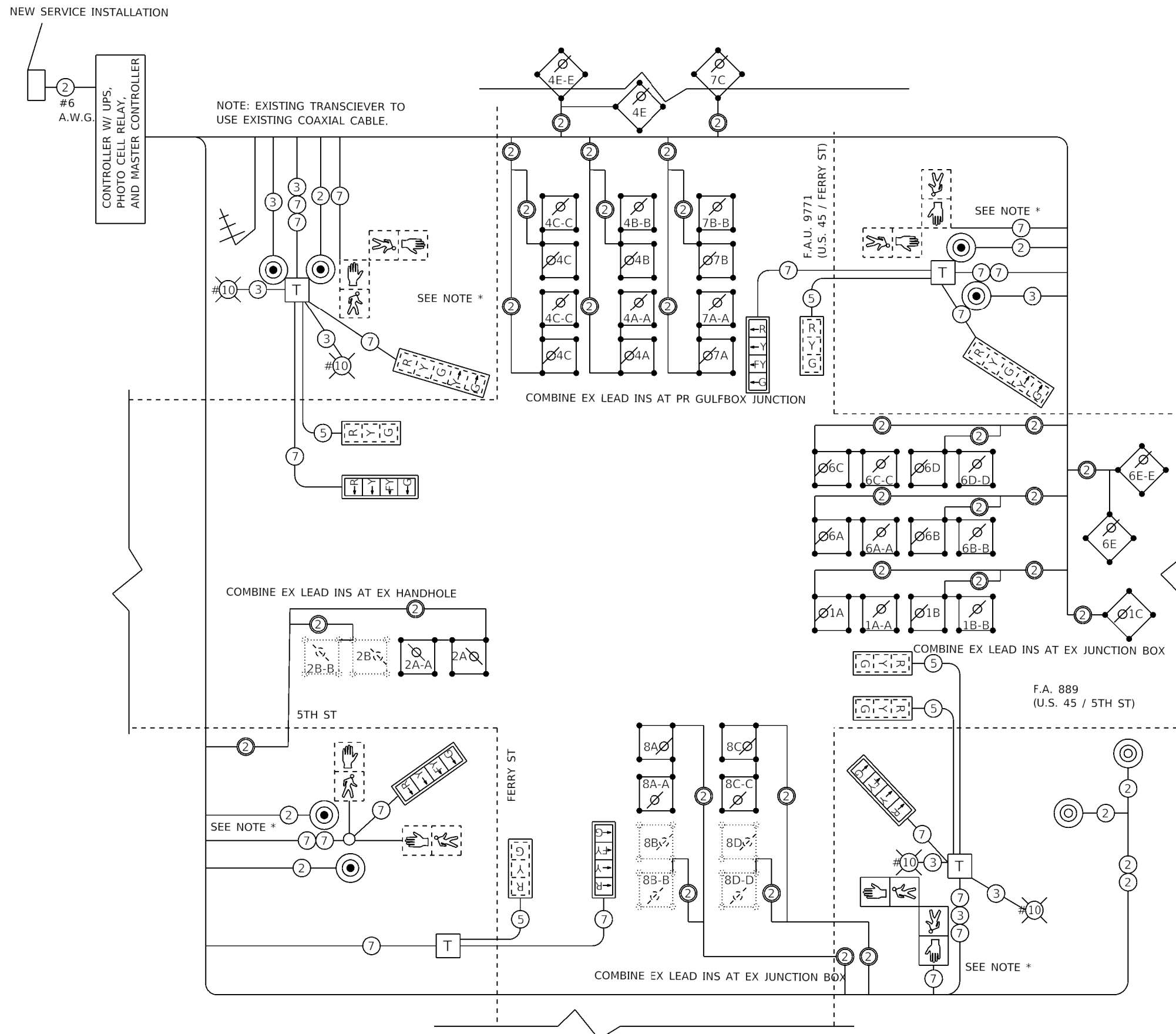
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL SCHEMATIC		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5TH AND FERRY ST			**	MASSAC	81	72
SCALE:		SHEET OF SHEETS		STA.	TO STA.	

ILLINOIS	FED. AID PROJECT
**41(RS-6),101(RS-7),102(RS-4)	*FAU 9771/FAP 889/FAS 961/FAP 132

PROPOSED WIRING DIAGRAM FOR TRAFFIC SIGNALS

PHASE DESIGNATION DIAGRAM



NOTE*: ONE 7C WIRE IS USED FOR BOTH PEDESTRIAN SIGNAL HEADS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

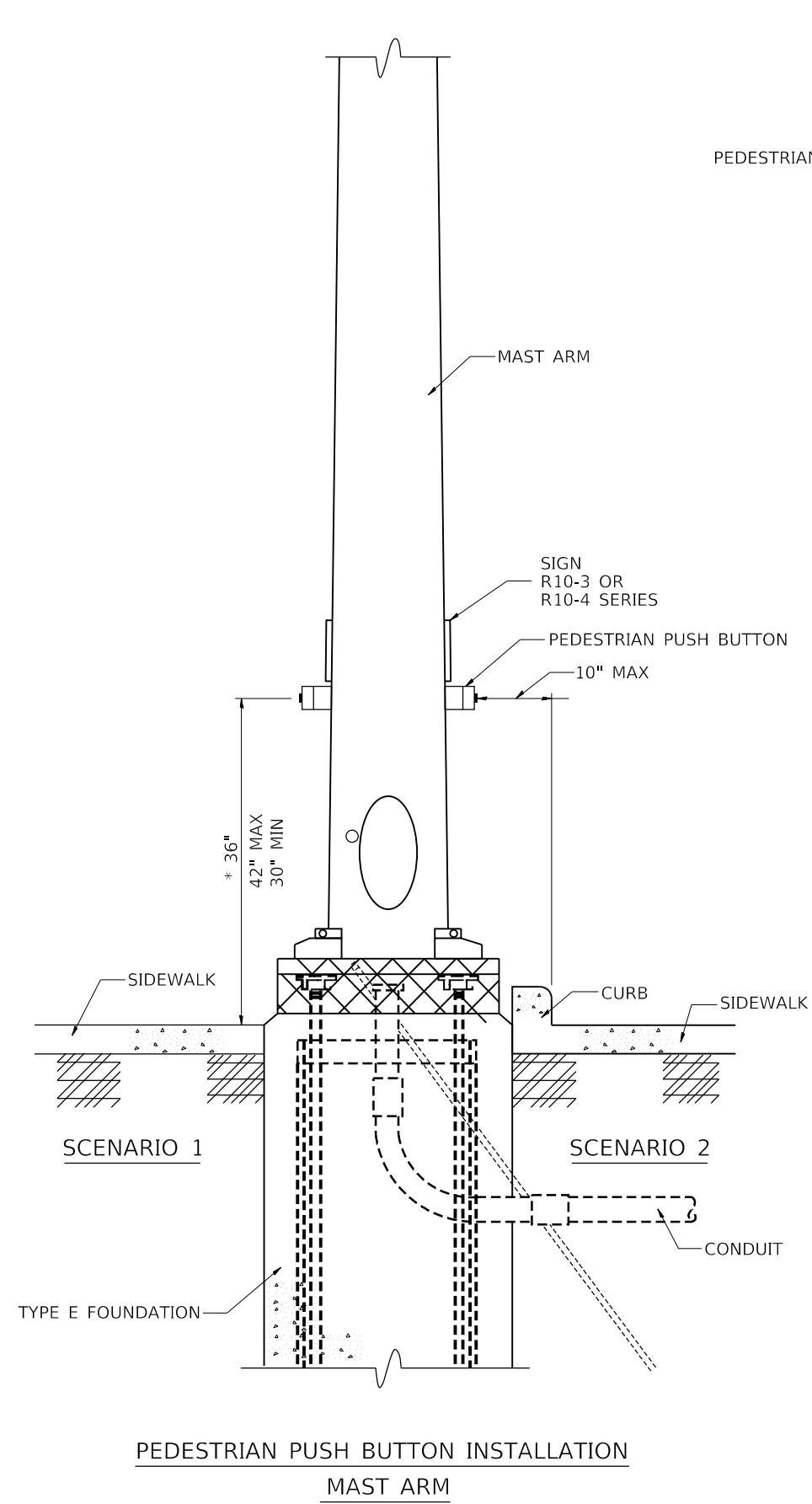
PROPOSED TRAFFIC SIGNAL SCHEMATIC	
5TH AND FERRY ST	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	73
CONTRACT NO. 78802				

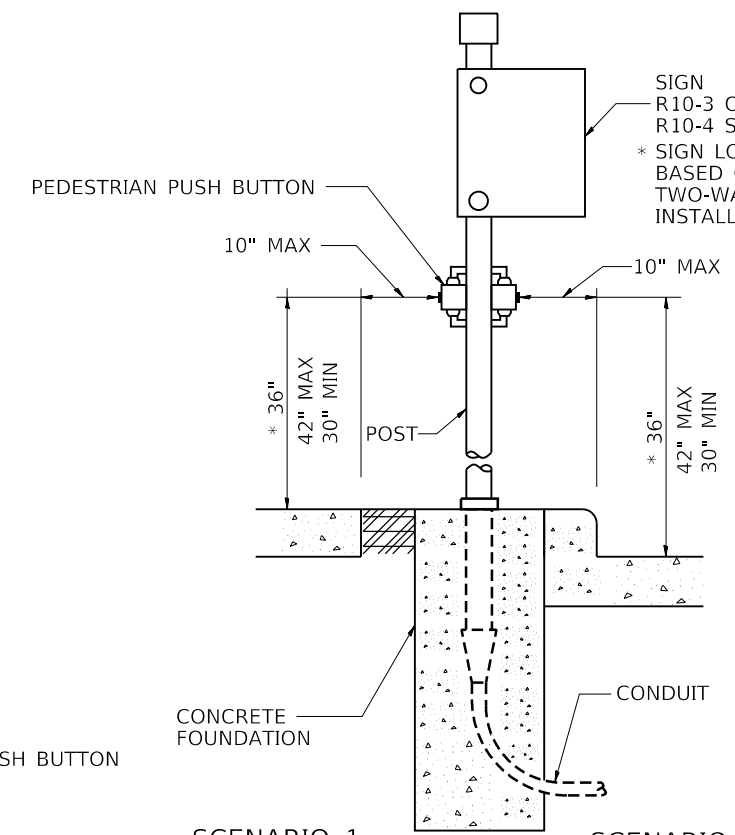
**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FA5 961/FAP 132

GENERAL NOTES

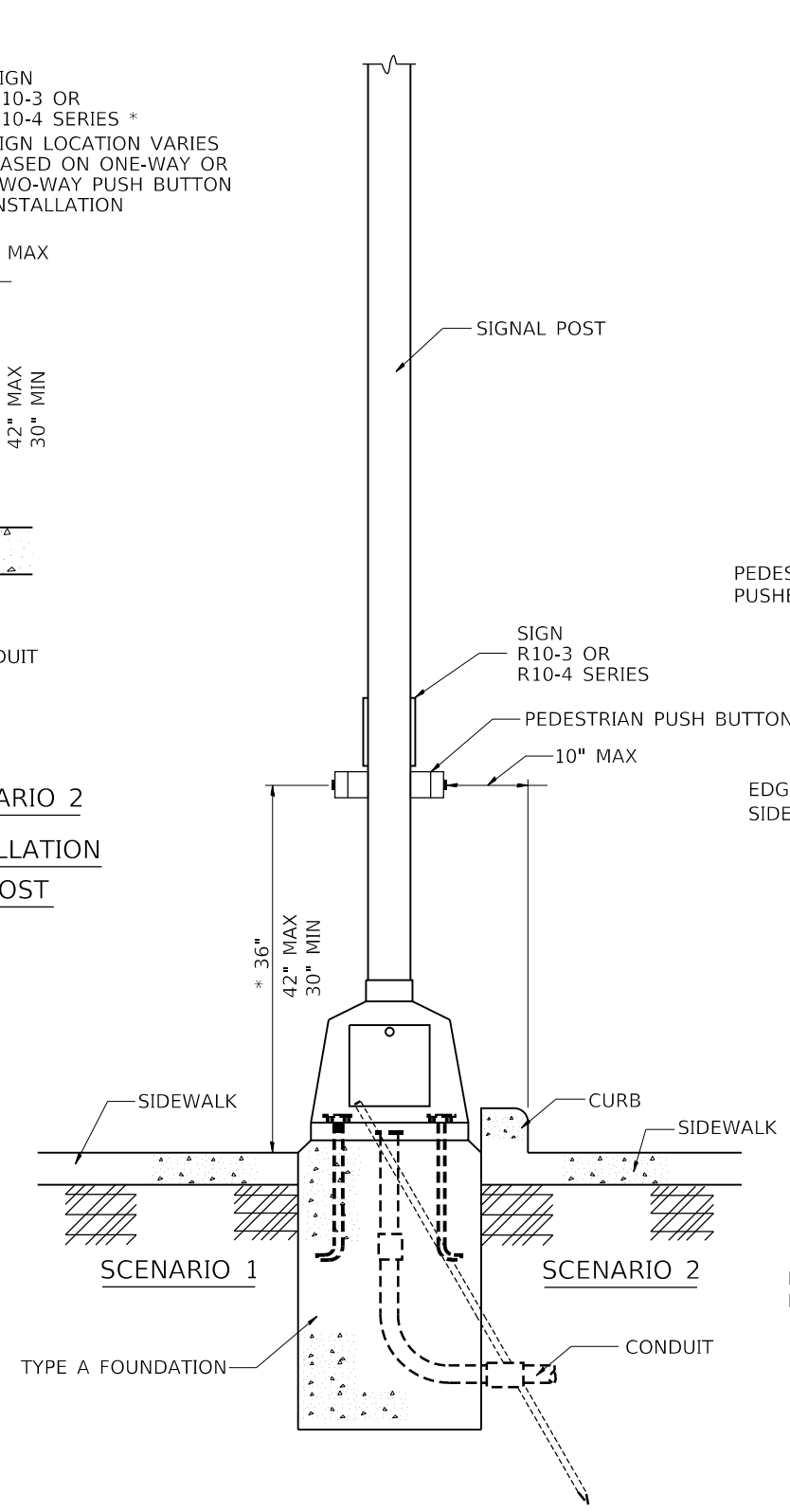
1. PREFERRED MOUNTING HEIGHT OF THE PUSHBUTTON SHALL BE APPROXIMATELY 3 FEET, THE HEIGHT SHALL BE MAXIMUM OF 3.5 FEET AND MINIMUM OF 2.5 FEET ABOVE SIDEWALK.
2. REACH OF THE PUSHBUTTON SHALL BE A MAXIMUM OF 10 INCHES FROM THE EDGE OF SIDEWALK.
3. PUSHBUTTON SHALL BE UNOBSTRUCTED AND ADJACENT TO ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR.
4. IN ANY CASE THE 10 INCH MAXIMUM DISTANCE IS NOT ACHIEVED, MODULAR EXTENSION BRACKETS SHALL BE INSTALLED. THE COST AND LABOR OF INSTALLING EXTENSION BRACKET SHALL BE INCLUDED IN THE COST OF "PEDESTRIAN PUSH-BUTTON". THE LENGTH OF THE MODULAR EXTENSION BRACKET IS NOT TO EXCEED 1'-6".
5. THE PUSHBUTTON FACE SHOULD BE PARALLEL TO THE CROSSWALK IT CONTROLS.



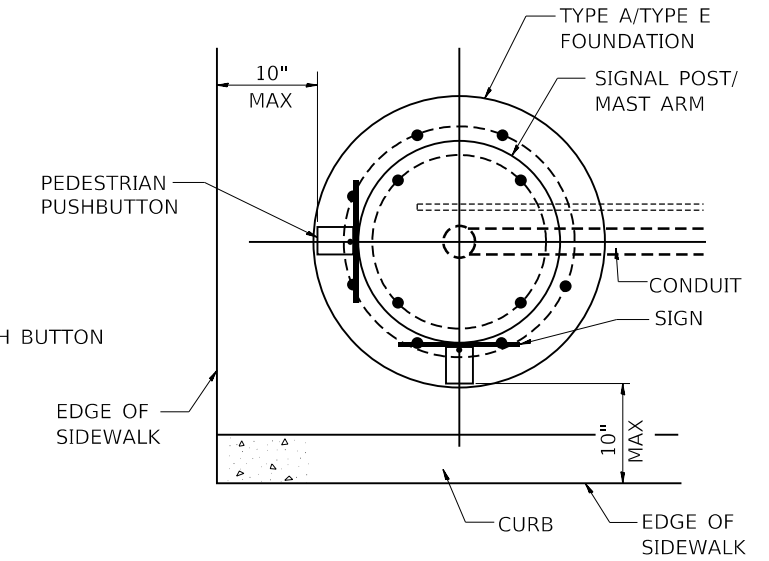
PEDESTRIAN PUSH BUTTON INSTALLATION MAST ARM



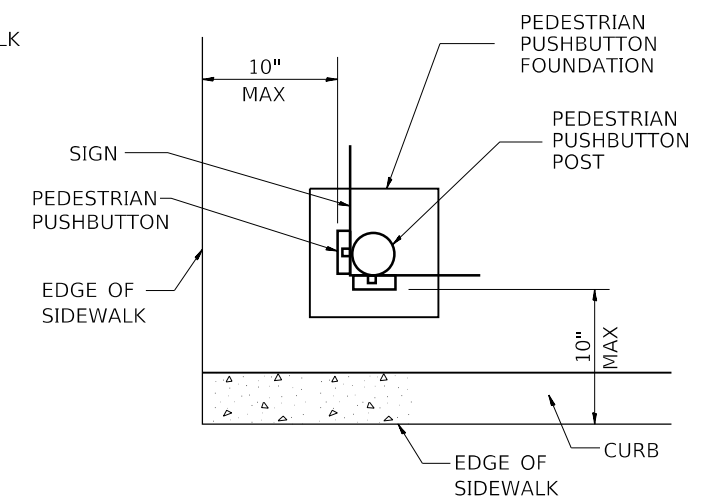
SCENARIO 1 SCENARIO 2 PEDESTRIAN PUSH BUTTON INSTALLATION PEDESTRIAN PUSH BUTTON POST



PEDESTRIAN PUSH BUTTON INSTALLATION SIGNAL POST



PEDESTRIAN PUSH BUTTON INSTALLATION TOP VIEW



PEDESTRIAN PUSH BUTTON INSTALLATION PEDESTRIAN PUSH BUTTON POST TOP VIEW

* 36" PREFERRED NOT TO SCALE





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



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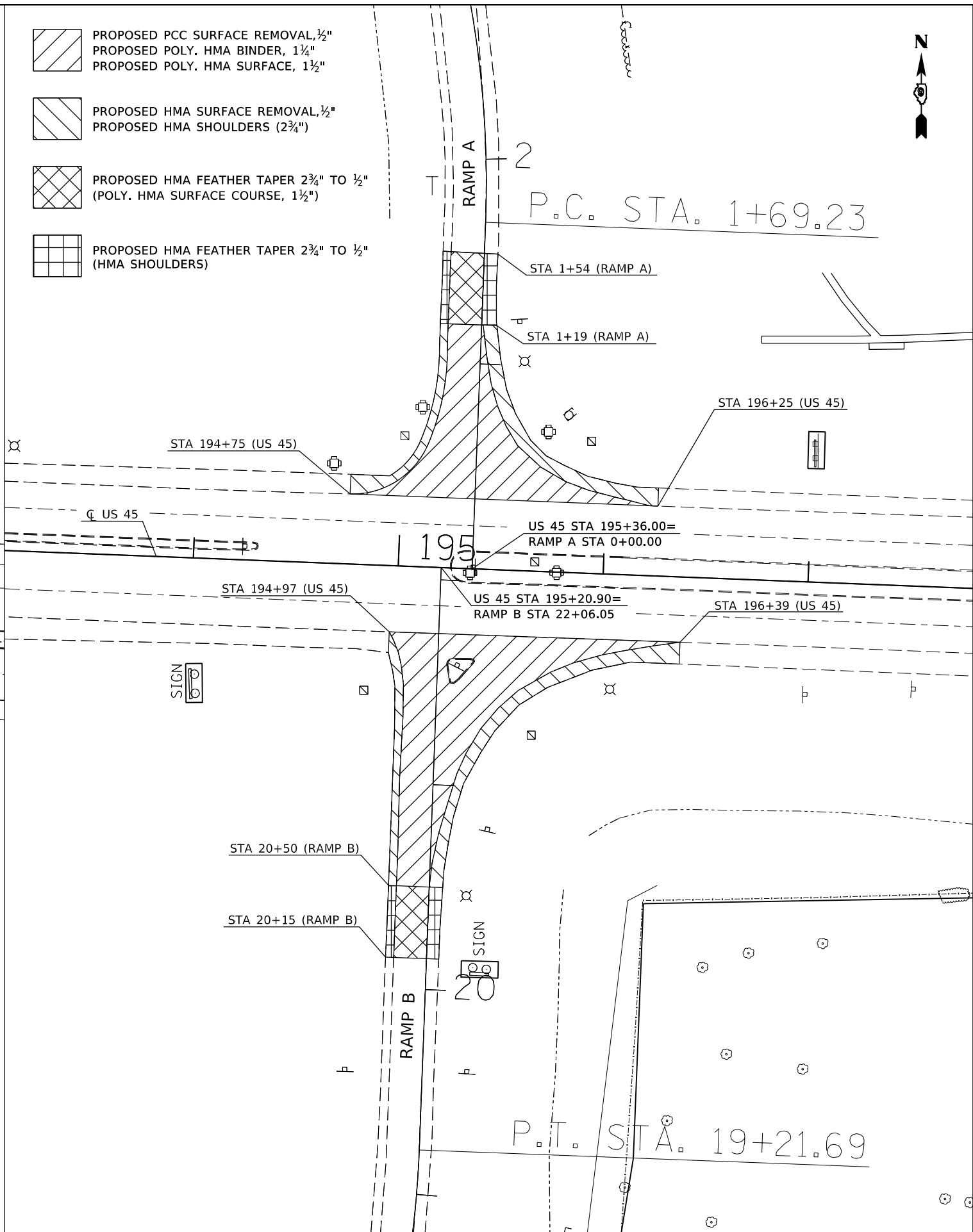
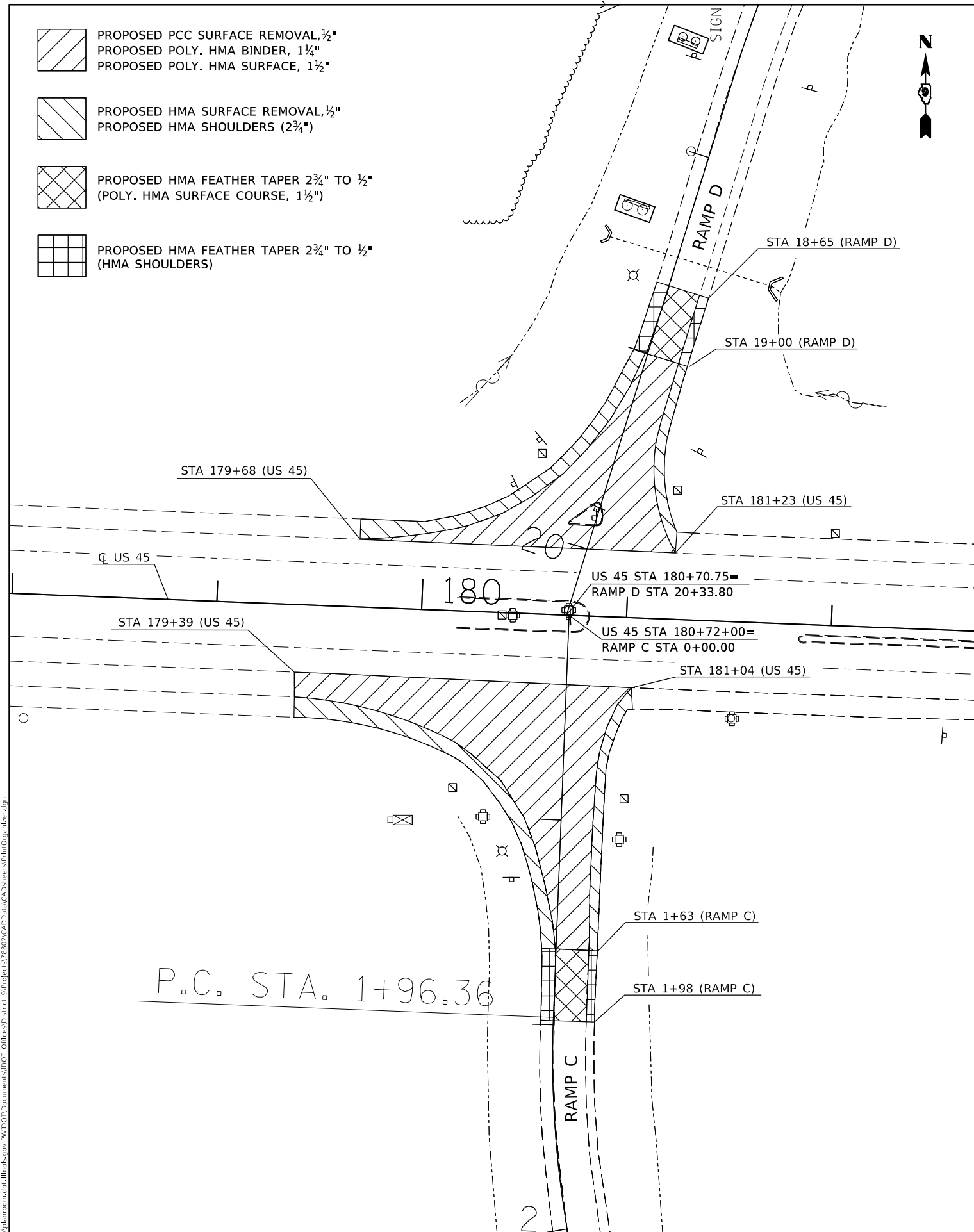
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	74
CONTRACT NO. 78802				

-  PROPOSED PCC SURFACE REMOVAL, 1/2"
PROPOSED POLY. HMA BINDER, 1 1/4"
PROPOSED POLY. HMA SURFACE, 1 1/2"
-  PROPOSED HMA SURFACE REMOVAL, 1/2"
PROPOSED HMA SHOULDERS (2 3/4")
-  PROPOSED HMA FEATHER TAPER 2 3/4" TO 1/2"
(POLY. HMA SURFACE COURSE, 1 1/2")
-  PROPOSED HMA FEATHER TAPER 2 3/4" TO 1/2"
(HMA SHOULDERS)

-  PROPOSED PCC SURFACE REMOVAL, 1/2"
PROPOSED POLY. HMA BINDER, 1 1/4"
PROPOSED POLY. HMA SURFACE, 1 1/2"
-  PROPOSED HMA SURFACE REMOVAL, 1/2"
PROPOSED HMA SHOULDERS (2 3/4")
-  PROPOSED HMA FEATHER TAPER 2 3/4" TO 1/2"
(POLY. HMA SURFACE COURSE, 1 1/2")
-  PROPOSED HMA FEATHER TAPER 2 3/4" TO 1/2"
(HMA SHOULDERS)



MODEL: Default
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P.C. STA. 1+96.36

P.C. STA. 1+69.23

P.T. STA. 19+21.69

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

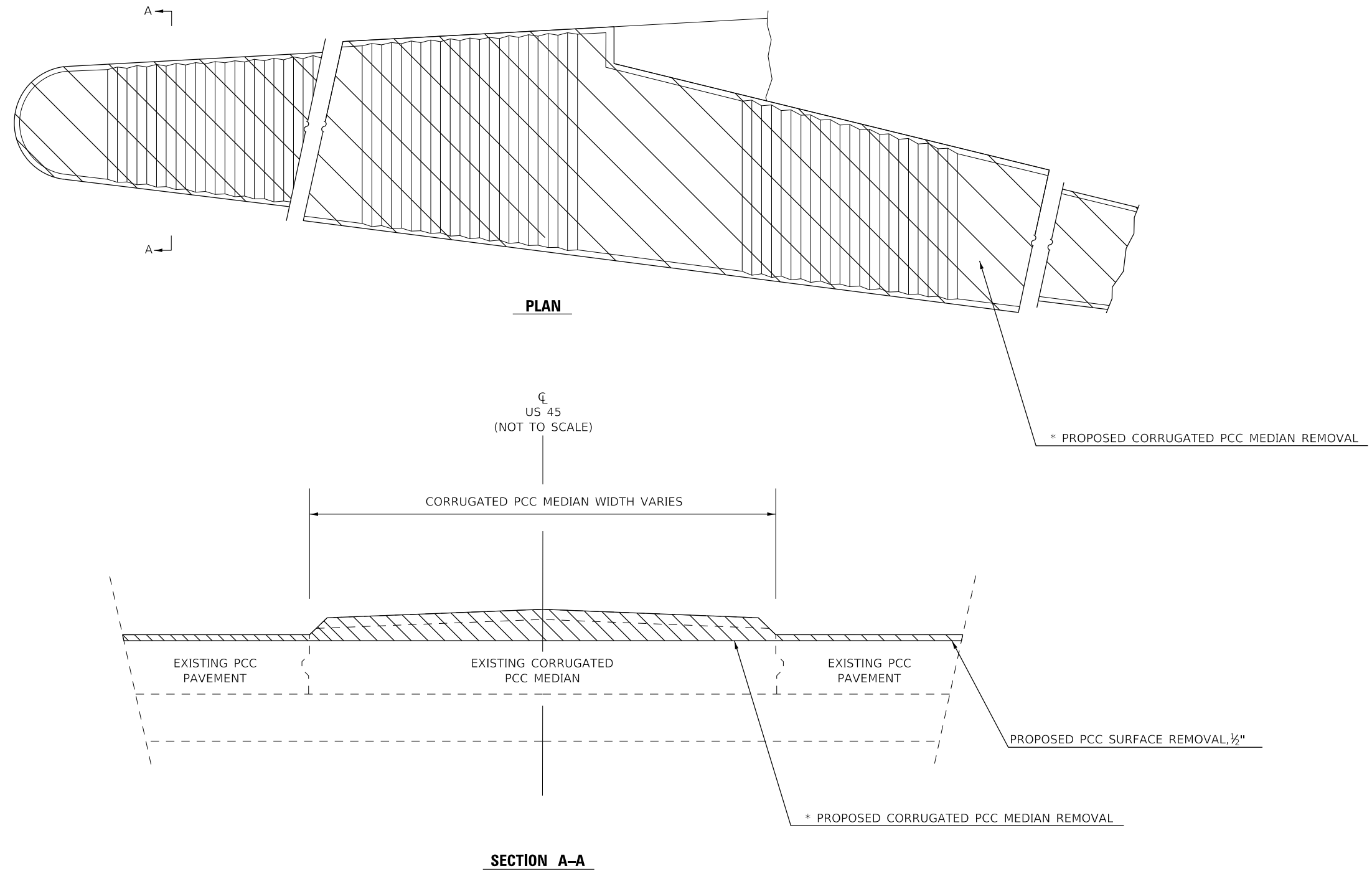
I-24 RAMPS - RESURFACING LIMITS

USER NAME = fowlera	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
									ILLINOIS	81	75
										CONTRACT NO. 78802	
										**41(RS-6),101(RS-7),102(RS-4)	
										*FAU 9771/FAP 889/FAS 961/FAP 132	

CORRUGATED PCC MEDIAN REMOVAL DETAIL

STA 170+29 TO STA 172+95
STA 10+55 TO STA 13+21



NOTE

* THE EXISTING CORRUGATED PCC MEDIAN SHALL BE MILLED OFF TO MATCH THE PROPOSED MILLED MAINLINE PAVEMENT. THIS WORK SHALL BE INCLUDED IN THE COST OF PCC SURFACE REMOVAL, 1/2" AND INCLUDES ALL MATERIALS, MACHINERY, METHODS, AND LABOR REQUIRED TO PERFORM THIS WORK.

MODEL: Default
FILE: \\nas01c.psu.edu\pub\baronson.d\all\ink.spc\PI\DOT\Documents\DOT_Offices\Illinois\9\Projects\78802\CADD\Drawings\Print\Drawings.dgn

USER NAME = fowlera	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -

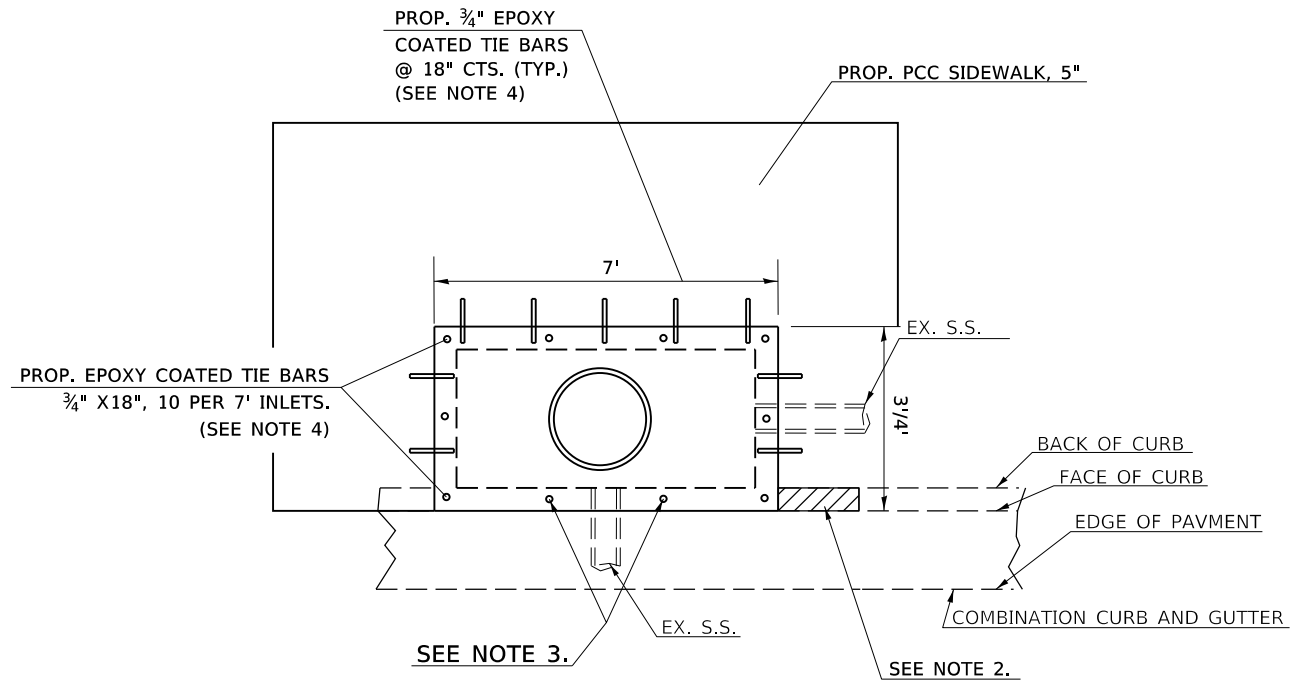
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CORRUGATED PCC MEDIAN REMOVAL DETAIL

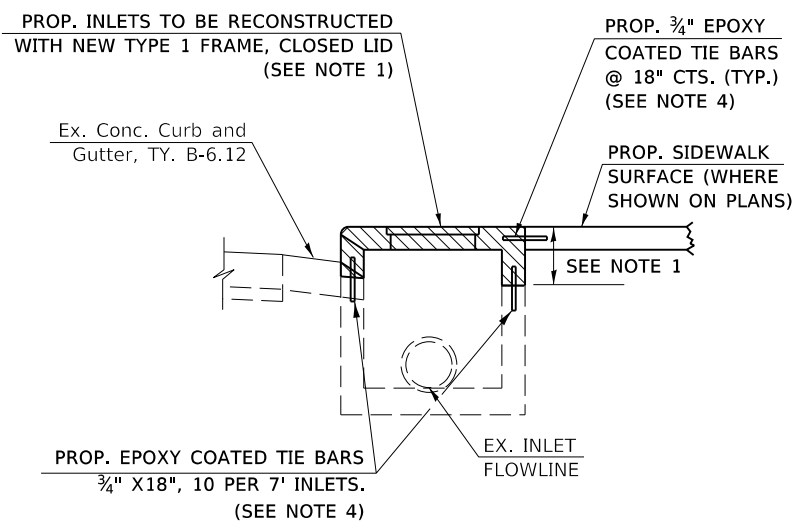
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MASSAC	81	76
CONTRACT NO. 78802				

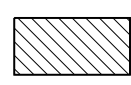
**DETAIL OF INLETS TO BE
RECONSTRUCTED WITH NEW TYPE 1
FRAME, CLOSED LID**



**PROP. RECONSTRUCTED
INLET DETAIL**
(STA 8+98.0, 31.9' LT, 7' X 3')
(STA 9+77.7, 31.9' LT, 7' X 4')
(STA 13+97.0, 31.9' LT, 7' X 4')



**PROP. RECONSTRUCTED INLET
SIDE VIEW DETAIL**



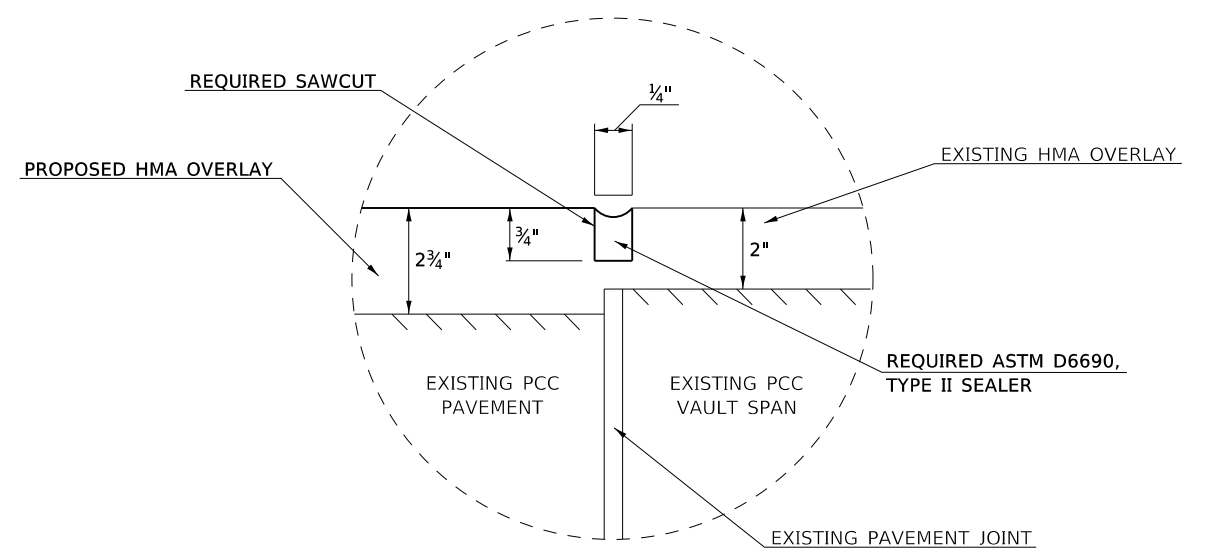
LEGEND

EX. INLET AND CONC. CURB & GUTTER TO BE REMOVED. (INCLUDED IN COST OF PROP. INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID)

NOTES

- NOTE 1. 15" FROM THE TOP OF THE INLET DOWN SHALL BE REMOVED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- NOTE 2. LIMITS OF CURB AND GUTTER REMOVAL AND NEW COMB. CONC. CURB AND GUTTER NEAR INLETS TO BE DETERMINED BY THE ENGINEER UNLESS OTHERWISE NOTED IN PLANS. SHALL BE INCLUDED IN COST OF INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID.
- NOTE 3. PROP. TIE BAR LOCATIONS TO BE ADJUSTED DEPENDING ON INLET OPENING.
- NOTE 4. PROP. 3/4" EPOXY COATED TIE BARS SHALL BE INCLUDED IN THE COST OF INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID. PROVIDE 1 1/2" CLEARANCE TYP. ALL REINFORCEMENT

**DETAIL OF SAWCUT AND
JOINT SEALER**



PROP. SAWCUT AND JOINT SEALER DETAIL
(SEE BUTT JOINT WITH MILLING - SN 064-0029 FOR LOCATIONS)

NOTES

1. THIS WORK SHALL BE INCLUDED IN THE COST OF POLY. HOT-MIX ASPHALT SURFACE COARSE, MIX D, N90, 1 1/2" AND INCLUDES ALL MATERIALS, MACHINERY, METHODS, AND LABOR REQUIRED TO PERFORM THIS WORK.
2. SAW CUTTING SHALL BE CENTERED OVER THE EXISTING PCC TRANVERSE JOINT.
3. THE HOT-POURED JOINT SEALER SHALL BE PLACED ACCORDING TO ARTICLE 420.12 AND SHALL BE SUPPLIED ACCORDING TO ASTM D 6690, TYPE II AND ARTICLE 1050.02.

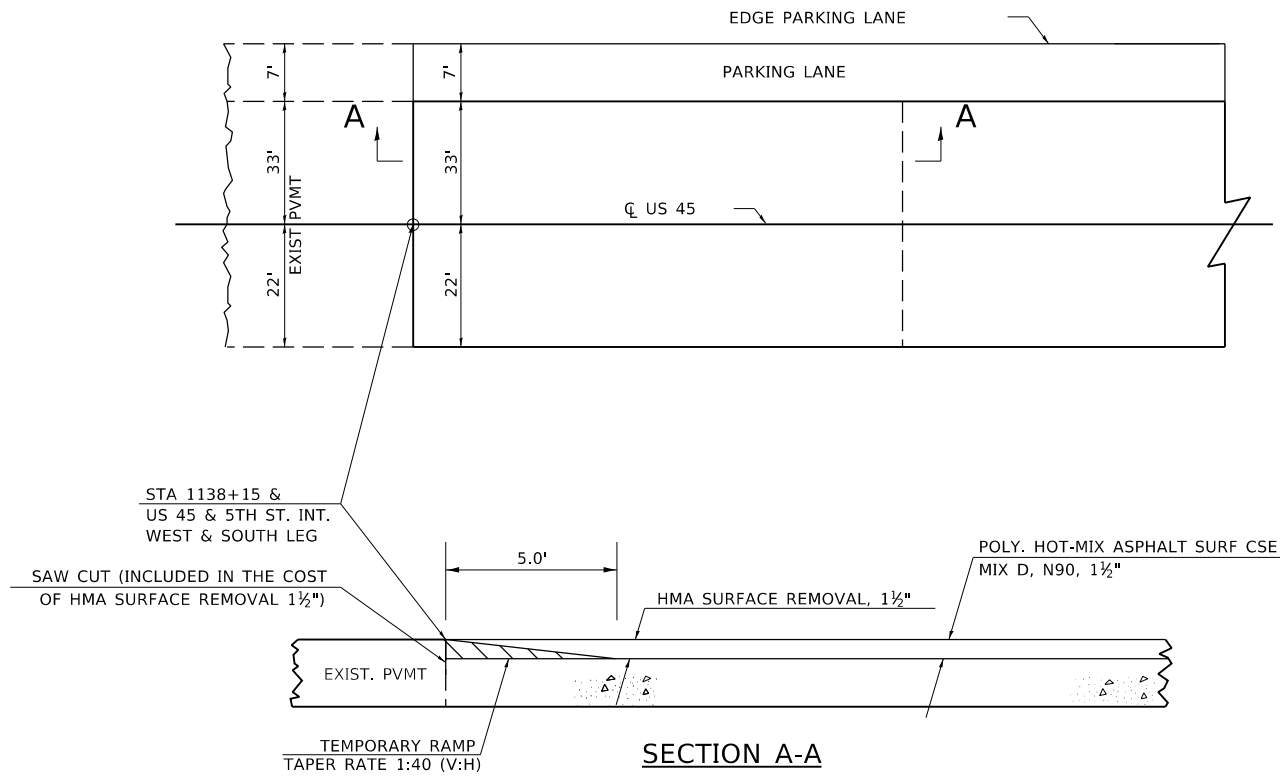
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USER NAME = fowlera	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

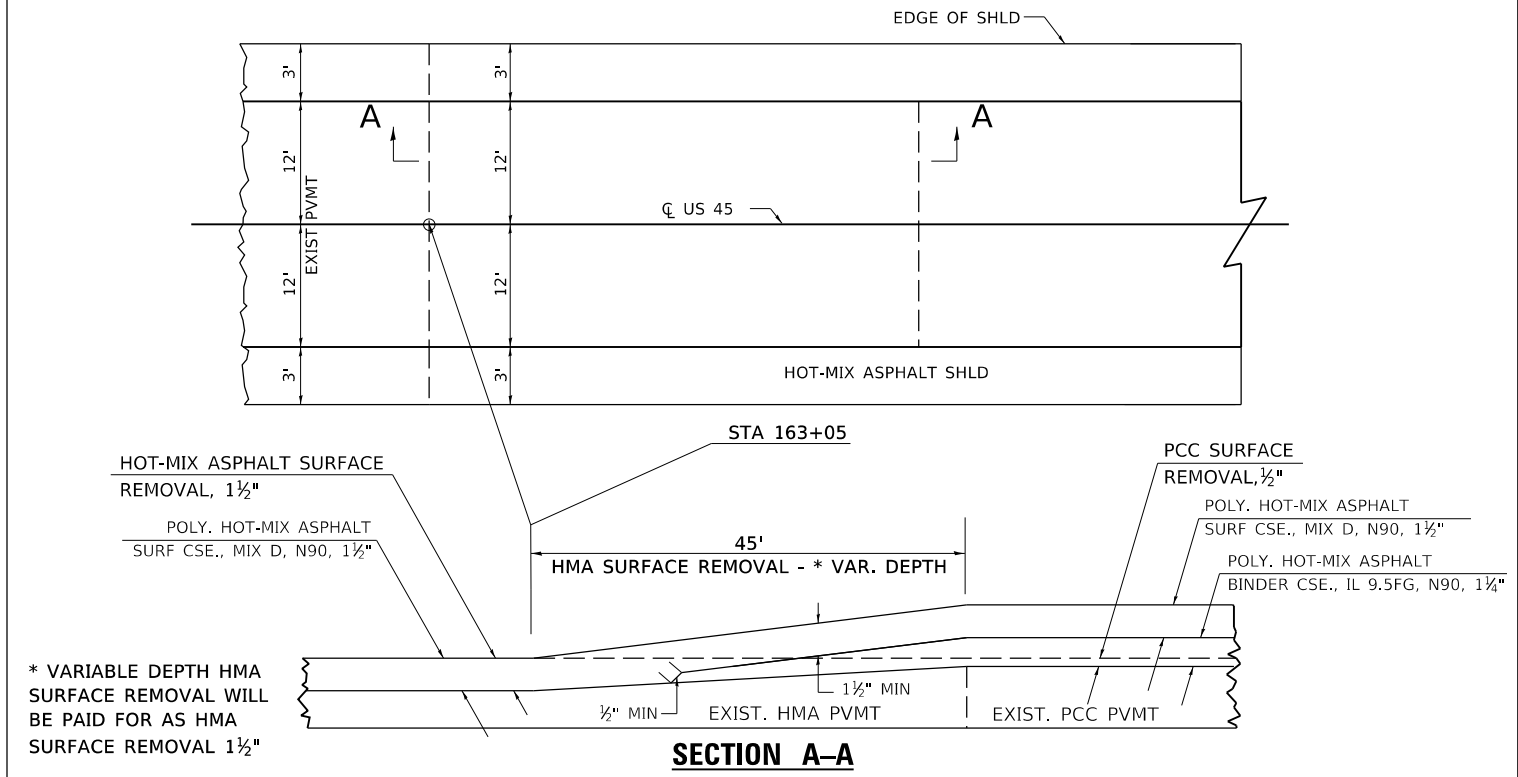
DETAILS: INLETS TO BE RECONS. WITH NEW TYPE 1 FRAME CLOSED LID SAWCUT AND JOINT SEALER				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				*	**	MASSAC	81	77
				CONTRACT NO. 78802				
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

INLAY DETAIL



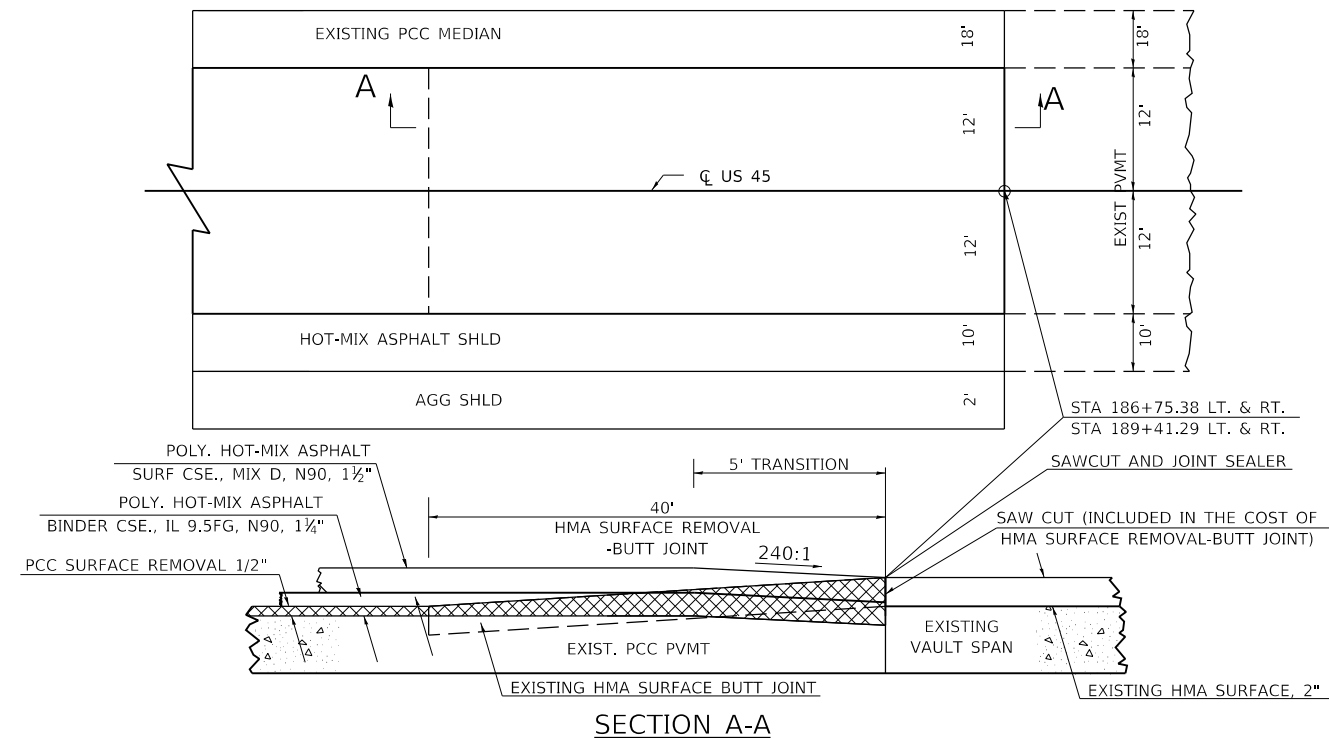
TRANSITION DETAIL

STA 163+05 TO STA 163+50

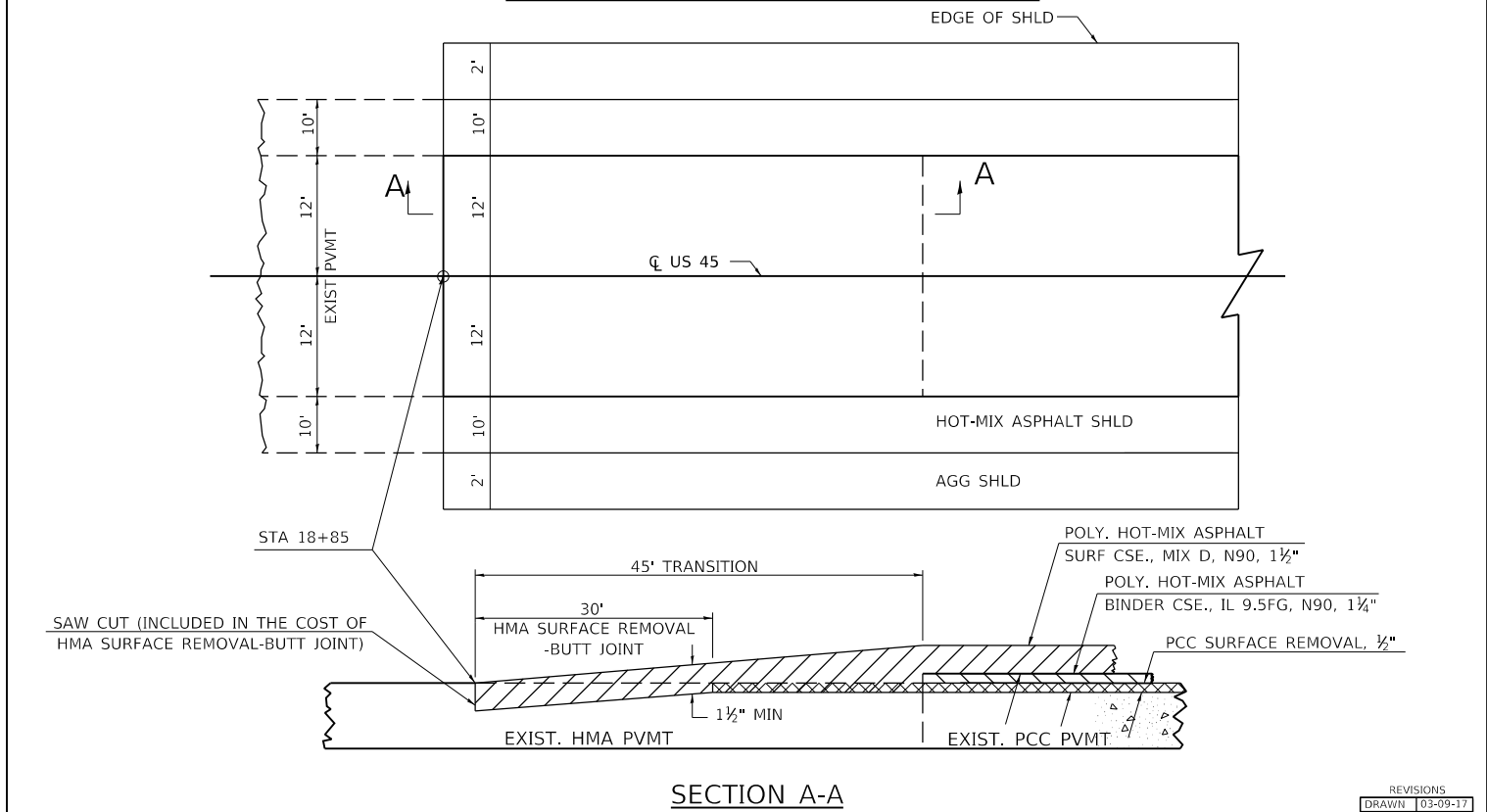


BUTT JOINT WITH MILLING

SN 064-0029



BUTT JOINT WITH MILLING



* THE REMOVAL OF THE EXISTING HMA BUTT-JOINT WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL- BUTT-JOINT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS:
INLAY, TRANSITION, AND BUTT JOINT

USER NAME = fowlera	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	78
CONTRACT NO. 78802				

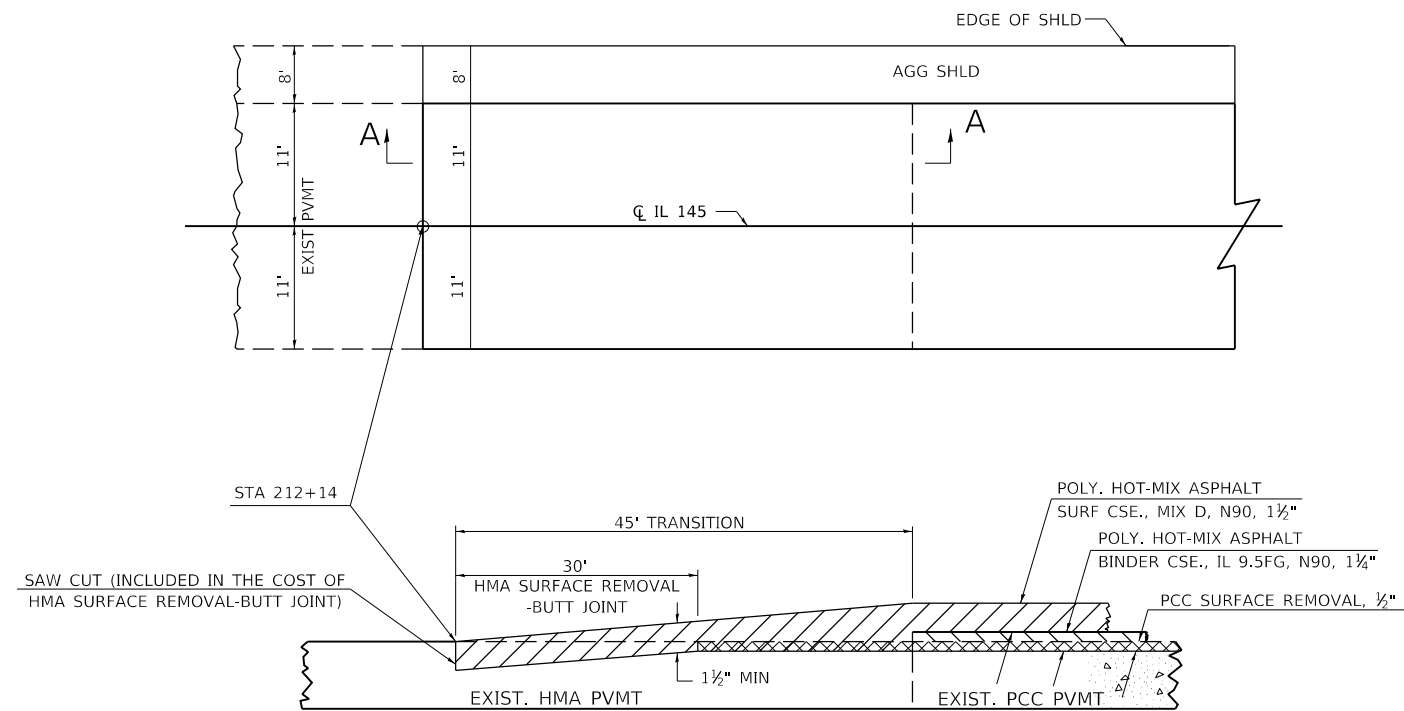
REVISIONS
DRAWN 103-09-17
REVISED 102-18-20
REVISED
REVISED

STD. 9-118

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

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BUTT JOINT WITH MILLING

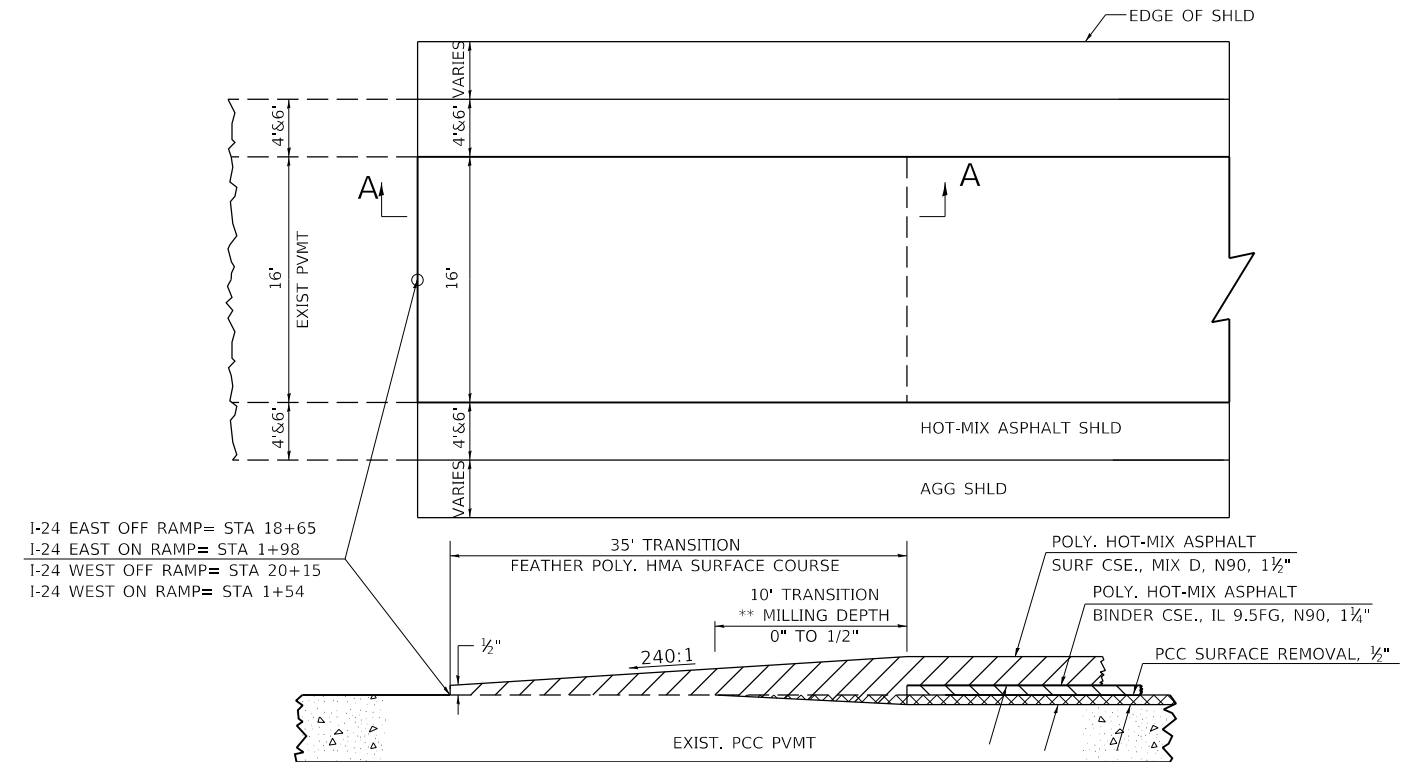


SECTION A-A

REVISIONS	
DRAWN	03-09-17
REVISED	02-18-20
REVISED	
REVISED	

STD. 9-118

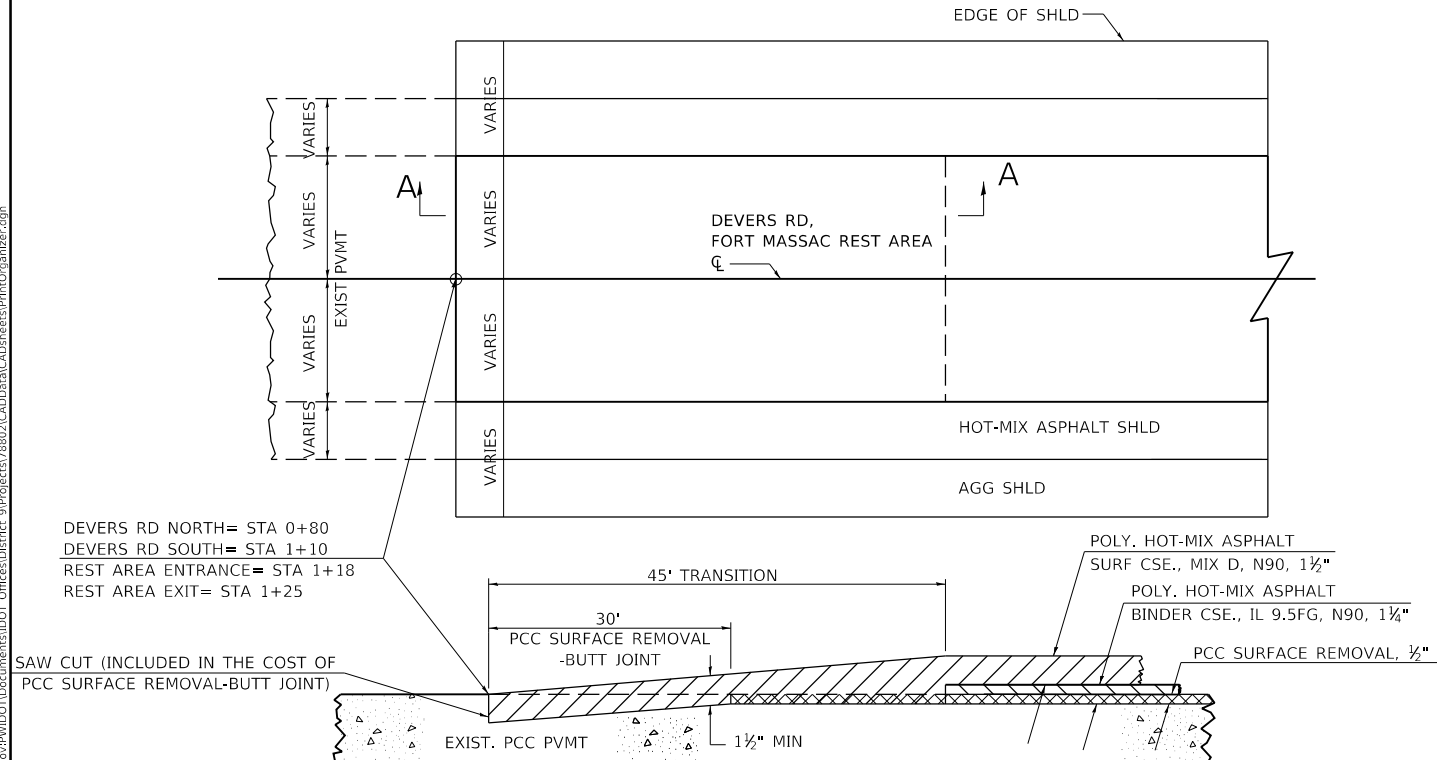
240:1 FEATHER TAPER / MILLING TRANSITION AT I-24 RAMPS



SECTION A-A

* THE 240:1 FEATHER TAPER SHALL BE INCLUDED IN THE COST OF POLY. HOT-MIX ASPHALT SURF CSE., MIX D, N90, 1 1/2"
 ** THE 240:1 MILLING TRANSITION SHALL BE INCLUDED IN THE COST OF PCC SURFACE REMOVAL, 1/2"

BUTT JOINT WITH MILLING



SECTION A-A

MODEL: Default
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 PROJECT: 78802_CADD\Drawings\DOT_Offices\Drawings\9-Projects\78802_CADD\Drawings\Print\Drawings\baronm.dwg
 DEVER RD NORTH= STA 0+80
 DEVER RD SOUTH= STA 1+10
 REST AREA ENTRANCE= STA 1+18
 REST AREA EXIT= STA 1+25
 PLOT SCALE = 100,0000 ' / in.
 PLOT DATE = 10/21/2020

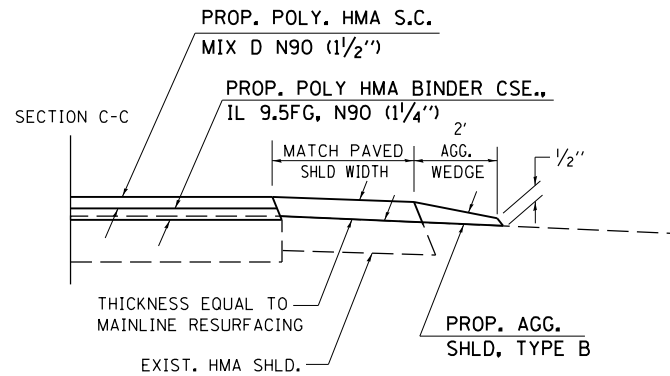
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS:		F.A. [*] RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BUTT JOINT, 240:1 FEATHER TAPER			**	MASSAC	81	79
SCALE:		SHEET OF SHEETS		STA.	TO STA.	
				ILLINOIS	FED. AID PROJECT	

**41(RS-6),101(RS-7),102(RS-4) *FAU 9771/FAP 889/FAS 961/FAP 132

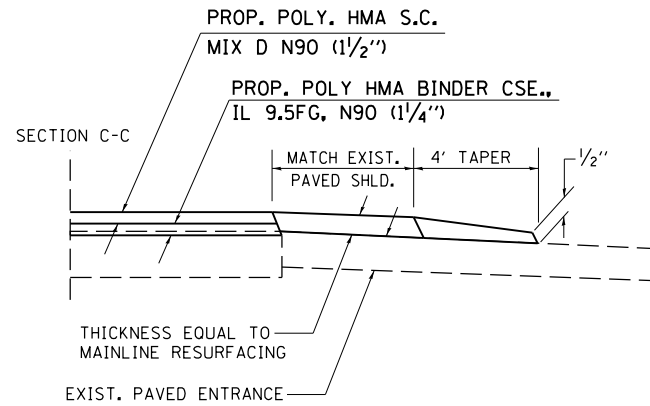
SIDEROAD AND ENTRANCE

AGG. PRIVATE OR COMMERCIAL ENTRANCE (HMA SHLD.)



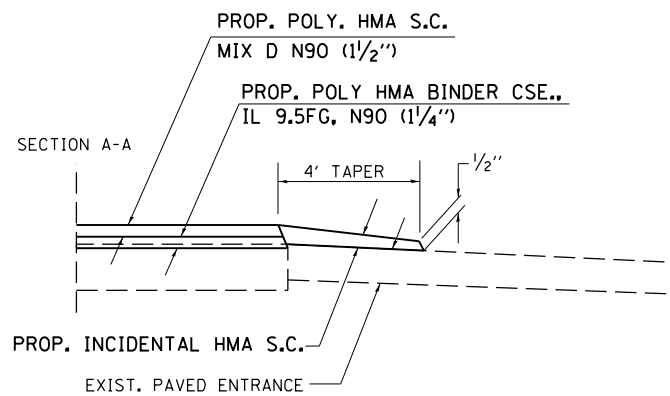
SECTION A-A

HMA, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE (HMA SHLD.)



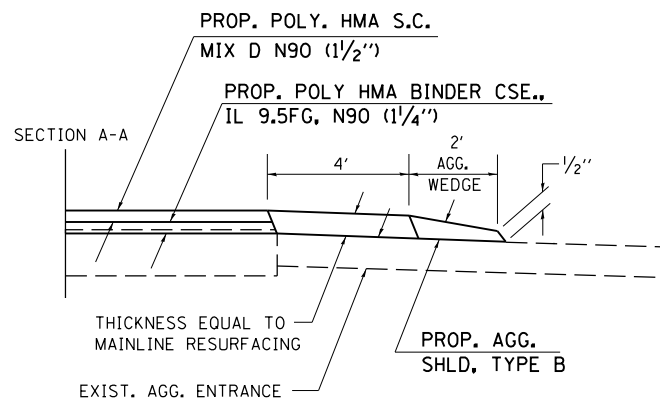
SECTION A-A

HMA, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE

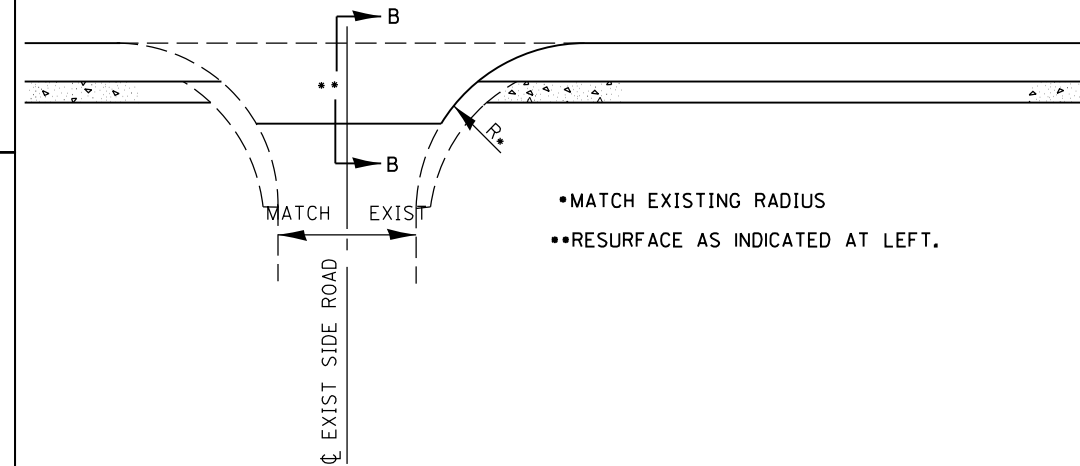
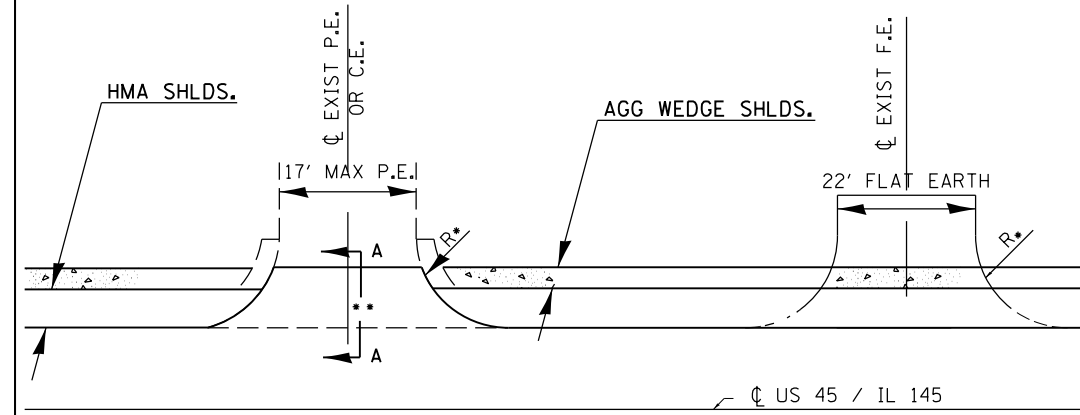


SECTION A-A

AGG. PRIVATE OR COMMERCIAL ENTRANCE



SECTION A-A



ENTRANCE SCHEDULE

TYPE	NUMBER OF ENTRANCES
P.E.	8
C.E.	2

US 45 TO BE USED

STA 163+50 TO STA 18+85

STATION EQUATIONS

STA 199+33.20 BK = STA 0+00 AH

IL 145 TO BE USED

STA 0+30.35 TO STA 212+14

STATION EQUATIONS

STA 8+63.00 BK = STA 211+50.00 AH

NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

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USER NAME = fowlera	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 10/21/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

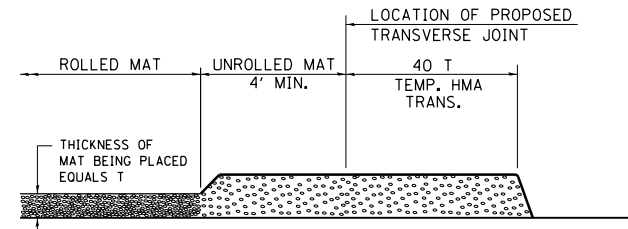
SIDEROAD AND ENTRANCE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MASSAC	81	80
CONTRACT NO. 78802				
ILLINOIS FED. AID PROJECT				

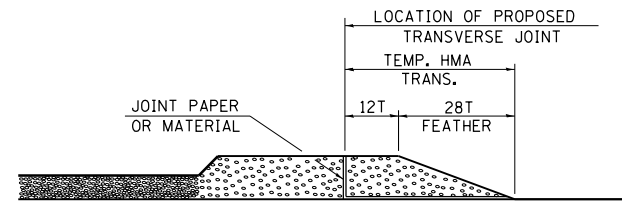
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

ILLINOIS STANDARD



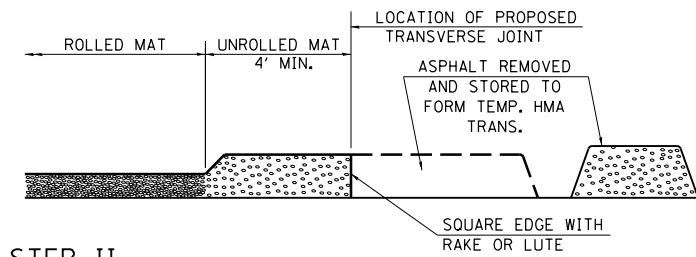
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



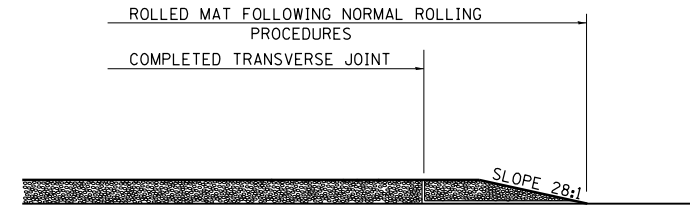
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

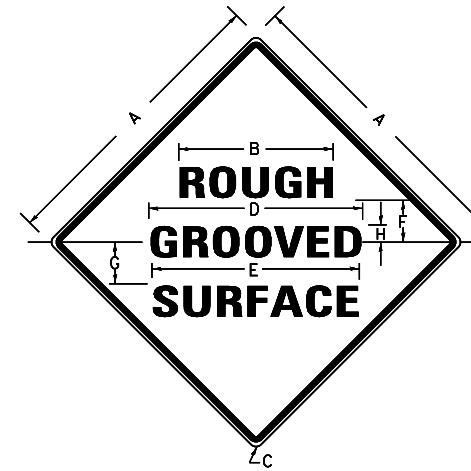


STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13



NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, 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 COLDMILLED 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.

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

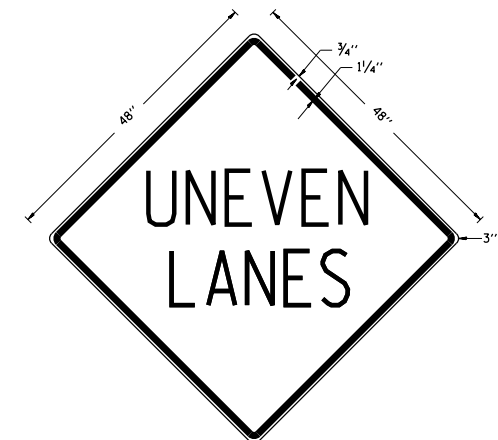
REVISIONS

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

STD. 9-39

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 COLDMILLED 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	
RESIZED	
REVIEWED	5-17-13

STD. 9-41

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMP. HMA TRANSITIONS, ROUGH GROOVED SURFACE SIGN,
AND UNEVEN LANE SIGN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	MASSAC	81	81
CONTRACT NO. 78802				

**41(RS-6),101(RS-7),102(RS-4)

*FAU 9771/FAP 889/FAS 961/FAP 132

USER NAME = fowlera	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/21/2020	DATE -	REVISED -