

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

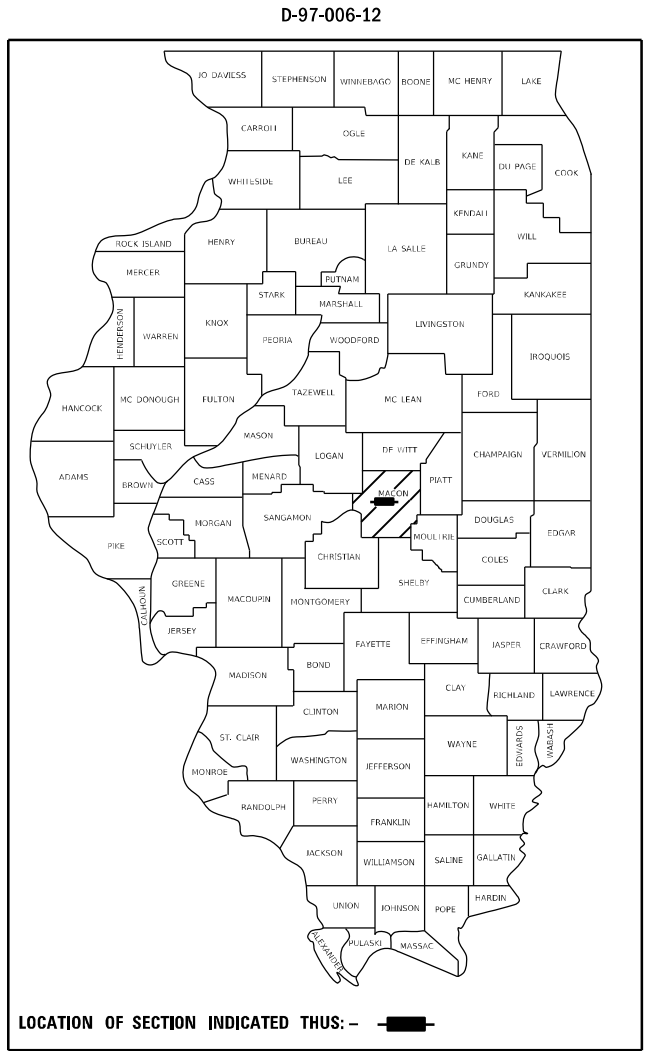
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	1
* - FAP 322A / 323		ILLINOIS	CONTRACT NO. 74544	

CURRENT TRAFFIC DATA				
	US-36	US-51	RAMP "A"	LOOP "B"
2019 ADT	5,400	4,500	750	500
P.V. %	89.8%	78.3%	85.3%	78.0%
S.U. %	3.7%	5.0%	8.0%	12.0%
M.U. %	6.5%	16.7%	6.7%	10.0%
	LOOP "C"	LOOP "D"	RAMP "E"	RAMP "F"
2019 ADT	175	700	600	175
P.V. %	84.0%	87.2%	80.0%	77.2%
S.U. %	4.6%	7.1%	11.7%	11.4%
M.U. %	11.4%	5.7%	8.3%	11.4%

# PROPOSED HIGHWAY PLANS

FAP ROUTE 322A / 323 (US 51 / US 36)  
SECTION (58-62)RS  
PROJECT NHPP-WB4Z(151)  
DESIGNED OVERLAY, BRIDGE REPAIR, RAMP REPAIR  
MACON COUNTY

C-97-009-12



**STATION EQUATIONS**

**US-36:**  
 STA. 604 + 58.92 (BK.) = STA. 604 + 59.36 (AH.) (EB)  
 STA. 404 + 55.35 (BK.) = STA. 604 + 59.36 (AH.) (WB)  
**US-51:**  
 STA. 383 + 96.31 (BK.) = STA. 752 + 00.00 (AH.)  
 STA. 765 + 86.08 (BK.) = STA. 765 + 86.08 (AH.) (NB)  
 STA. 765 + 86.08 (BK.) = STA. 865 + 86.08 (AH.) (SB)

**BRIDGE OMISSIONS**

**US-36:**  
 STA. 586 + 10.47 - STA. 591 + 35.00 (EB)  
 STA. 386 + 34.57 - STA. 392 + 19.00 (WB)

F.A.P ROUTE 322A (US-51)  
SECTION (58-62)RS  
ENDS STATION 898 + 95.18  
SOUTHBOUND

SLOPEWALL REPAIR  
S.N. 058-0067  
US-51 SB

SLOPEWALL REPAIR  
S.N. 058-0066  
US-36 WB

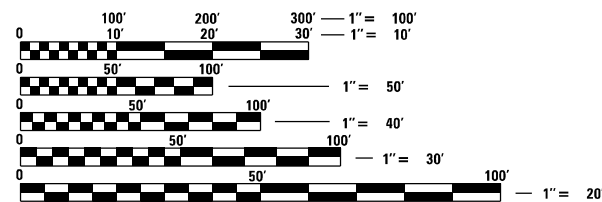
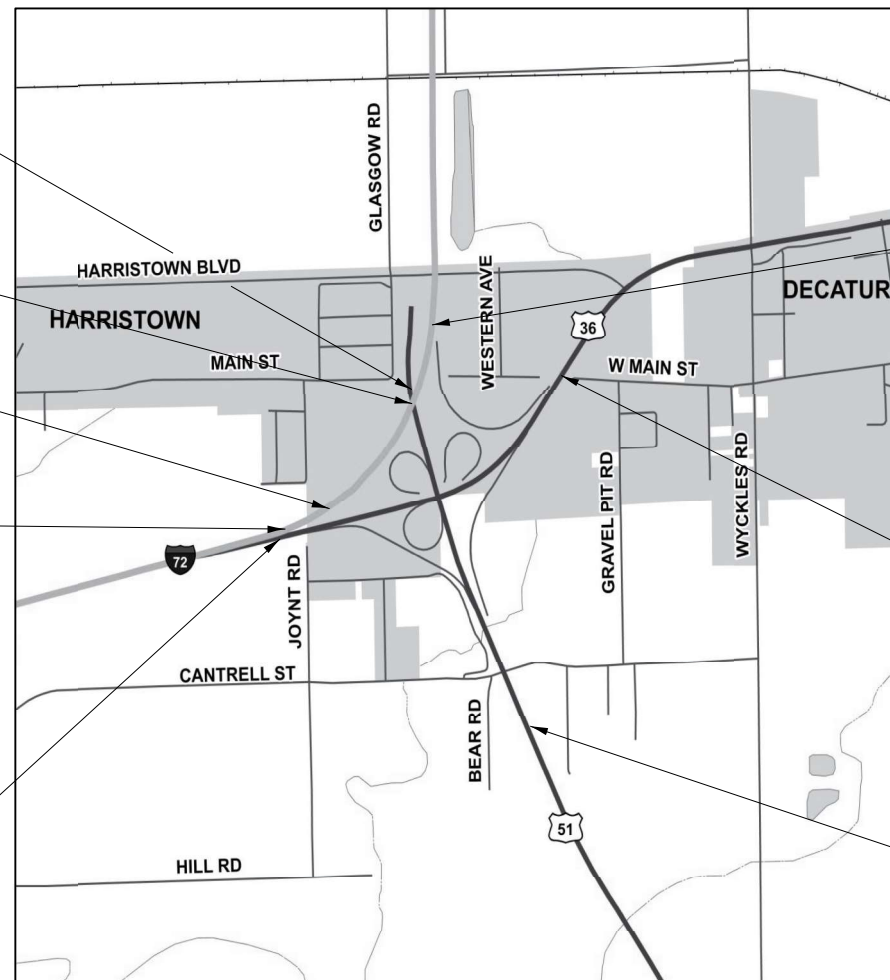
F.A.P ROUTE 323 (US-36)  
SECTION (58-62)RS  
BEGINS STATION 367 + 64.42  
WESTBOUND

F.A.P ROUTE 323 (US-36)  
SECTION (58-62)RS  
BEGINS STATION 557 + 93.79  
EASTBOUND

F.A.P ROUTE 322A (US-51)  
SECTION (58-62)RS  
ENDS STATION 803 + 75.89  
NORTHBOUND

F.A.P ROUTE 323 (US-36)  
SECTION (58-62)RS  
ENDS STATION 617 + 50.00  
EASTBOUND & WESTBOUND

F.A.P ROUTE 322A (US-51)  
SECTION (58-62)RS  
BEGINS STATION 366 + 27.50  
NORTHBOUND & SOUTHBOUND



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

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

PROJECT ENGINEER BRIAN LEWIS  
PROJECT MANAGER BENJAMIN DETERS

CONTRACT NO. 74544

GROSS LENGTH = 24,346.04 FT. = 4.611 MILE  
NET LENGTH = 23,184.44 FT. = 4.391 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 10 20 20

*[Signature]* REGIONAL ENGINEER  
January 29, 2021

*[Signature]* ENGINEER OF DESIGN AND ENVIRONMENT  
January 29, 2021

*[Signature]* 13  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

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12 - 30	SCHEDULE OF QUANTITIES
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67	MISCELLANEOUS DETAILS
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74	PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING (DISTRICT 7 DETAIL NO. X4421000)

# HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 09	PAVEMENT JOINTS
482011 - 03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001 - 05	PCC SHOULDER
542401 - 04	METAL FLARED END SECTIONS FOR PIPE CULVERTS
602301 - 04	INLET - TYPE A
604066 - 02	FRAME AND LID TYPE 15
606001 - 07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001 - 12	STEEL PLATE BEAM GUARDRAIL
630301 - 09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642001 - 02	SHOULDER RUMBLE STRIPS, 16 IN.
642006 - 01	SHOULDER RUMBLE STRIPS, 8 IN.
667101 - 02	PERMANENT SURVEY MARKERS
701101 - 05	OFF-RD OPERATIONS, MULTILANE, 15' TO 2" FROM PAVEMENT EDGE
701106 - 02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400 - 10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406 - 12	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421 - 08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422 - 10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701451 - 05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456 - 05	PARTIAL RAMP CLOSURE FREEWAY/EXPRESSWAY
701901 - 08	TRAFFIC CONTROL DEVICES
725001 - 01	OBJECT AND TERMINAL MARKERS
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782006 - 01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

REV. - MS

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USER NAME = steffenmk PLOT SCALE = 100.0000' / in. PLOT DATE = 12/10/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED + REVISED +	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEETS - US-36</b>	F.A.P. RTE. * SECTION (58-62)RS COUNTY MACON TOTAL SHEETS 74 SHEET NO. 2 * - FAP 322A / FAP 323 CONTRACT NO. 74544 ILLINOIS FED. AID PROJECT
			SCALE:	SHEET 5 OF 5 SHEETS	STA. TO STA.

# GENERAL NOTES

THE WORK INCLUDED IN SECTION (58-62)BR CONSISTS OF SHOULDER REMOVAL AND REPLACEMENT, PAVEMENT PATCHING, SLOPE WALL REPAIR, RESURFACING WITH HMA, AGGREGATE SHOULDERS, PIPE DRAIN REPLACEMENT, GUARDRAIL, PAVEMENT MARKINGS, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT BEGINS AT I-72 AND EXTENDS WEST TO 0.2 MILES WEST OF HARRISTOWN BLVD ALONG US-36. THE PROJECT IS ALSO BEGINS AT I-72 AND EXTENDS SOUTH TO 0.3 MI SOUTH OF CONTRELL ROAD WEST OF DECATUR. THE PROJECT ALSO INCLUDES RESURFACING OF THE RAMPS AT THE INTERCHANGE.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS AS SHOWN IN STANDARD 781001.

THE SAWCUT REQUIRED FOR THE PAVED SHOULDER REMOVAL SHALL BE INCLUDED IN THE COST OF PAVED SHOULDER REMOVAL AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. ANY EXCAVATION NECESSARY FOR CONSTRUCTION OF THE HMA SHOULDERS, 8" AND PCC SHOULDERS, 8" SHALL BE INCLUDED IN THE COST OF THE PAY ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

THE QUANTITIES FOR PAVEMENT PATCHING ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE ADDITIONAL DROPOFF QUANTITY AT THE EDGE OF PAVEMENT FOR HOT-MIX ASPHALT SHOULDERS IS AN ESTIMATE AND IS SUBJECT TO FIELD VARIATIONS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	SBS PG 70-22	4.0% @ N=90	IL-9.5	MIXTURE D	PFP
POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90	SBS PG 70-22	4.0% @ N=90	IL-9.5FG	N/A	PFP
HOT-MIX ASPHALT SHOULDERS, 3 3/4" (TOP LIFT)	PG 64-22	4.0% @ N=70	IL-9.5	MIXTURE C	QC/QA
HOT-MIX ASPHALT SHOULDERS, 3 3/4" (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL-9.5FG	N/A	QC/QA
HOT-MIX ASPHALT SHOULDERS, 8" (TOP LIFT)	PG 64-22	4.0% @ N=70	IL-9.5	MIXTURE C	QC/QA
HOT-MIX ASPHALT SHOULDERS, 8" (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL-19.0	N/A	QC/QA

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

HOT-MIX ASPHALT	112 LBS./SQ. YD/INCH
AGGREGATE SHOULDERS & AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
SUBBASE GRANULAR MATERIAL	2.0 TONS/CU YD

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<b>USER NAME</b> = steffemk	<b>DESIGNED</b> -	<b>REVISED</b> -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>PLAN SHEETS - US-36</b>				<b>F.A.P. RTE.</b>	<b>SECTION</b>	<b>COUNTY</b>	<b>TOTAL SHEETS</b>	<b>SHEET NO.</b>
	<b>DRAWN</b> -	<b>REVISED</b> -							*	(58-62)RS	MACON	74	3
<b>PLOT SCALE</b> = 100.0000' / in.	<b>CHECKED</b> -	<b>REVISED</b> -			* - FAP 322A / FAP 323		CONTRACT NO. 74544						
<b>PLOT DATE</b> = 12/10/2020	<b>DATE</b> -	<b>REVISED</b> -			SCALE:	SHEET 5 OF 5 SHEETS	STA.	TO STA.			ILLINOIS	FED. AID PROJECT	

80% FED  
20% STATE  
URBAN

80% FED  
20% STATE  
URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	97	97		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	133	72	61	
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	150	150		
28000400	PERIMETER EROSION BARRIER	FOOT	125	125		
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	263	142	121	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	57	57		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	97883	97883		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3971	3971		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	1200	1200		
40600990	TEMPORARY RAMP	SQ YD	929	929		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	9126	9126		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	10367	10367		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
44004250	PAVED SHOULDER REMOVAL	SQ YD	1289	1289		
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SQ YD	418	418		
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SQ YD	346	346		
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	2797	2797		
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	9	9		
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	177	177		
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	75	75		
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	4367	4367		
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	1380	1380		
44213000	PATCHING REINFORCEMENT	SQ YD	3560	3560		
44213200	SAW CUTS	FOOT	9894	9894		
44213204	TIE BARS 3/4"	EACH	618	618		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1821	1821		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	11664	11664		

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REV. - MS

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PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	4
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

80% FED  
20% STATE  
URBAN

80% FED  
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URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	1128	1128		* 63000003
50104650	SLOPE WALL REMOVAL	SQ YD	791		427	364
50300300	PROTECTIVE COAT	SQ YD	791		427	364
51100300	SLOPE WALL 6 INCH	SQ YD	791		427	364
54213447	END SECTIONS 12"	EACH	6	6		
60100945	PIPE DRAINS 12"	FOOT	460	460		
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	6	6		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5		
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1		
60500060	REMOVING INLETS	EACH	6	6		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1450	1450		
61000050	CONCRETE THRUST BLOCKS	EACH	6	6		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1339	1339		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1688	1688		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6		
63200310	GUARDRAIL REMOVAL	FOOT	2780	2780		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	23564	23564		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	15207	15207		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	21	21		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	8	8		
67100100	MOBILIZATION	L SUM	1	1		
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2	2		
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		

\* SPECIALTY ITEM

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ILLINOIS FED. AID PROJECT

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	5
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

80% FED  
20% STATE  
URBAN

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URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701422					
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	12	12		
	701411					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701406					
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701401					
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701451					
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701456					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	13000	13000		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6099	6099		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2033	2033		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	75277	75277		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	8385	8385		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	73348	73348		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7549	7549		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1929	1929		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	837	837		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	968	968		
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	34	34		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	49	49		
X0323586	PIPE DRAIN REMOVAL	FOOT	460	460		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	43229	43229		
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.25	0.25		

\* SPECIALTY ITEM

REV. - MS

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PLOT DATE = 12/10/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	6
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005	0013 058-0066	0013 058-0067
X4405030	LONGITUDINAL PARTIAL DEPTH REMOVAL 3"	FOOT	36953	36953		
X5041800	CONCRETE ANCHORS	EACH	44	44		
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	128	128		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7010410	SPEED DISPLAY TRAILER	CAL MO	16	16		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	75277	75277		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	8385	8385		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	22826	22826		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	21	21		
Z0051400	REMOVING AND RESETTING POSTS	EACH	16	16		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT				

\* SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

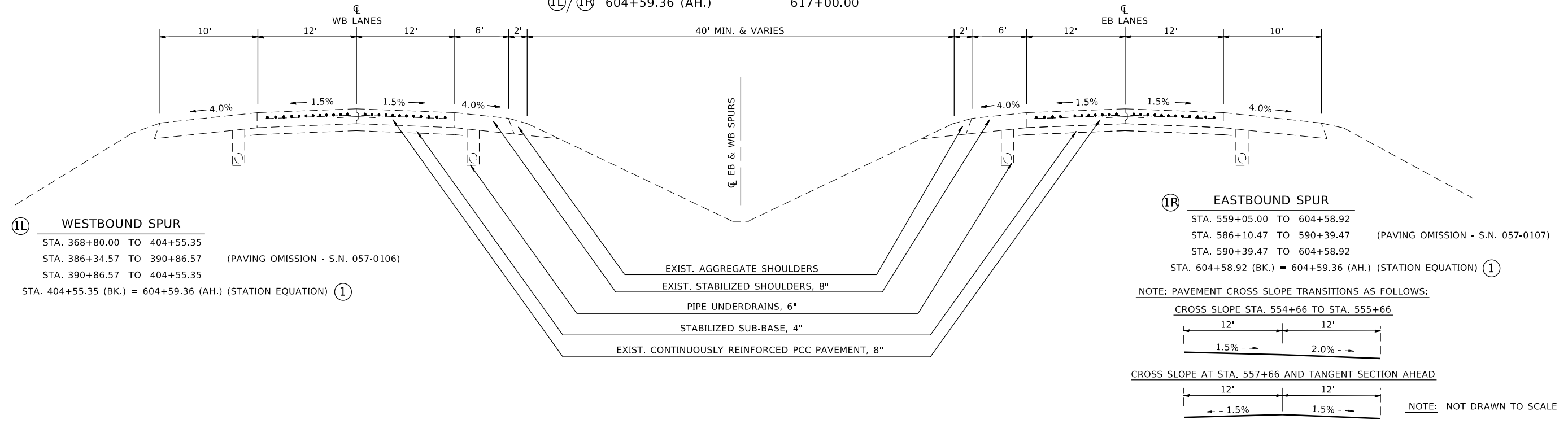
SUMMARY OF QUANTITIES		
SCALE:	SHEET 4 OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	7
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL CROSS SECTION ①

## US 36 EB & WB

STATION TO STATION  
 ①L/①R 604+59.36 (AH.) 617+00.00



①L WESTBOUND SPUR  
 STA. 368+80.00 TO 404+55.35  
 STA. 386+34.57 TO 390+86.57 (PAVING OMISSION - S.N. 057-0106)  
 STA. 390+86.57 TO 404+55.35  
 STA. 404+55.35 (BK.) = 604+59.36 (AH.) (STATION EQUATION) ①

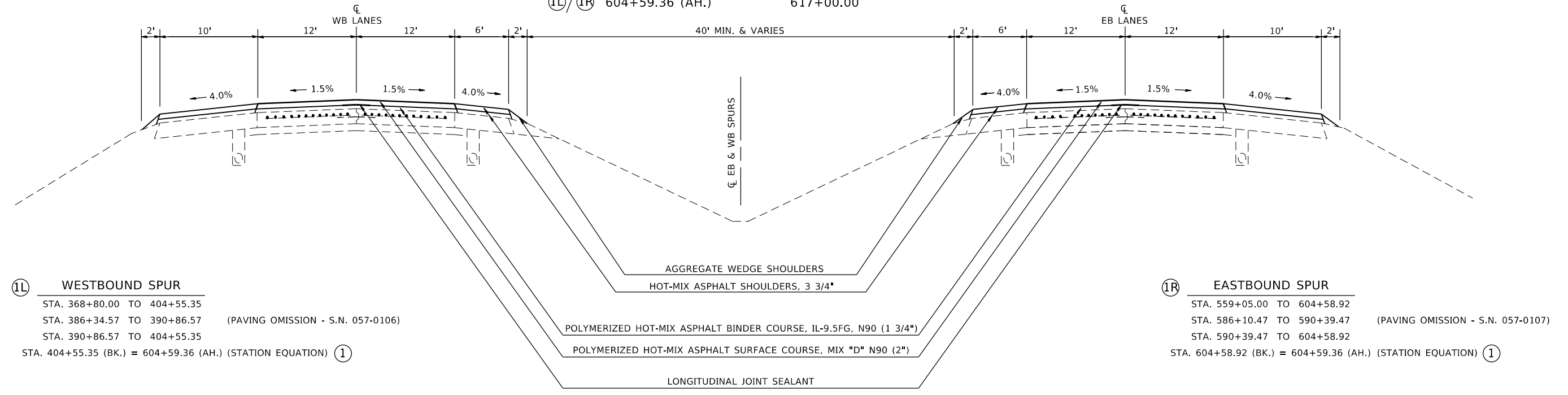
①R EASTBOUND SPUR  
 STA. 559+05.00 TO 604+58.92  
 STA. 586+10.47 TO 590+39.47 (PAVING OMISSION - S.N. 057-0107)  
 STA. 590+39.47 TO 604+58.92  
 STA. 604+58.92 (BK.) = 604+59.36 (AH.) (STATION EQUATION) ①

NOTE: PAVEMENT CROSS SLOPE TRANSITIONS AS FOLLOWS:  
 CROSS SLOPE STA. 554+66 TO STA. 555+66  
  
 CROSS SLOPE AT STA. 557+66 AND TANGENT SECTION AHEAD  
  
 NOTE: NOT DRAWN TO SCALE

# PROPOSED TYPICAL CROSS SECTION ①

## US 36 EB & WB

STATION TO STATION  
 ①L/①R 604+59.36 (AH.) 617+00.00



①L WESTBOUND SPUR  
 STA. 368+80.00 TO 404+55.35  
 STA. 386+34.57 TO 390+86.57 (PAVING OMISSION - S.N. 057-0106)  
 STA. 390+86.57 TO 404+55.35  
 STA. 404+55.35 (BK.) = 604+59.36 (AH.) (STATION EQUATION) ①

①R EASTBOUND SPUR  
 STA. 559+05.00 TO 604+58.92  
 STA. 586+10.47 TO 590+39.47 (PAVING OMISSION - S.N. 057-0107)  
 STA. 590+39.47 TO 604+58.92  
 STA. 604+58.92 (BK.) = 604+59.36 (AH.) (STATION EQUATION) ①

NOTE: NOT DRAWN TO SCALE

MODEL: Default  
 FILE: Model - 20201012.dwg  
 PROJECT: 74544 - CAD Data  
 USER: steffemk

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

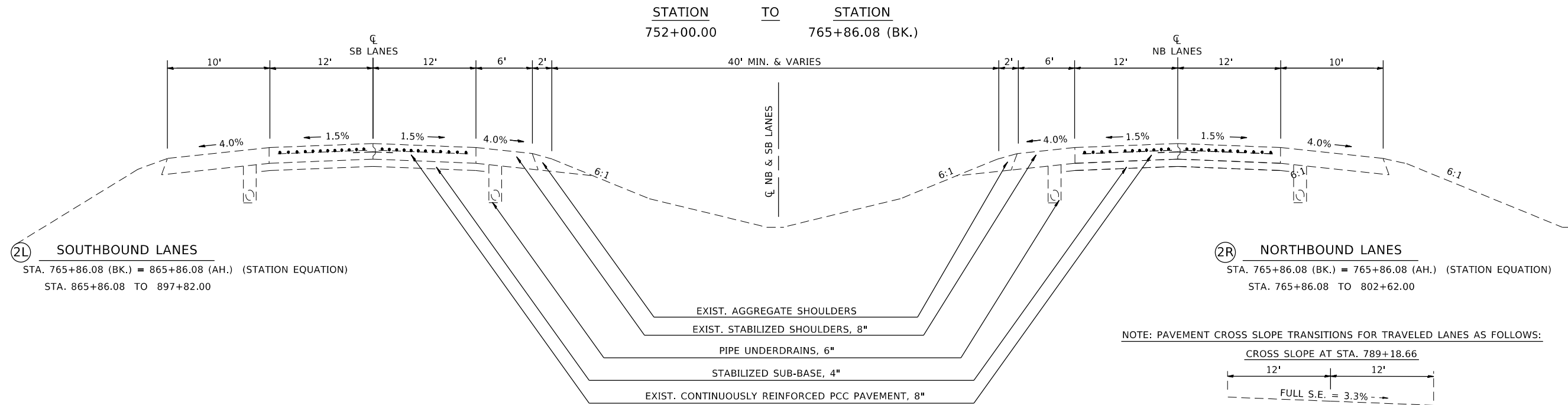
<b>TYPICAL CROSS SECTIONS</b>			
SCALE:	SHEET 1	OF 4	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	8
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



## EXISTING TYPICAL CROSS SECTION ②

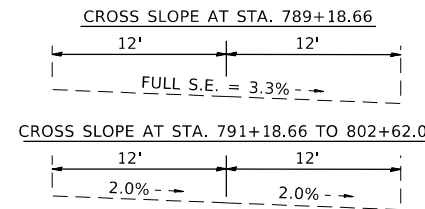
### US 51 NB & SB



②L SOUTHBOUND LANES  
 STA. 765+86.08 (BK.) = 865+86.08 (AH.) (STATION EQUATION)  
 STA. 865+86.08 TO 897+82.00

②R NORTHBOUND LANES  
 STA. 765+86.08 (BK.) = 765+86.08 (AH.) (STATION EQUATION)  
 STA. 765+86.08 TO 802+62.00

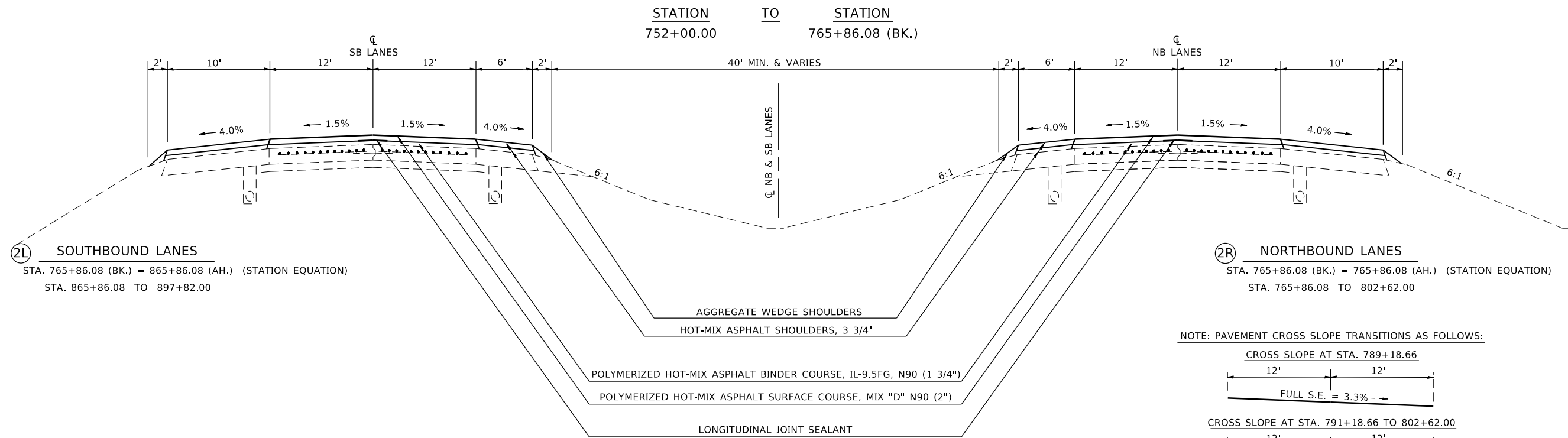
NOTE: PAVEMENT CROSS SLOPE TRANSITIONS FOR TRAVELED LANES AS FOLLOWS:



NOTE: NOT DRAWN TO SCALE

## PROPOSED TYPICAL CROSS SECTION ②

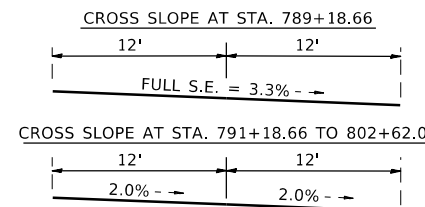
### US 51 NB & SB



②L SOUTHBOUND LANES  
 STA. 765+86.08 (BK.) = 865+86.08 (AH.) (STATION EQUATION)  
 STA. 865+86.08 TO 897+82.00

②R NORTHBOUND LANES  
 STA. 765+86.08 (BK.) = 765+86.08 (AH.) (STATION EQUATION)  
 STA. 765+86.08 TO 802+62.00

NOTE: PAVEMENT CROSS SLOPE TRANSITIONS AS FOLLOWS:



NOTE: NOT DRAWN TO SCALE

NOTE: NOT DRAWN TO SCALE

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

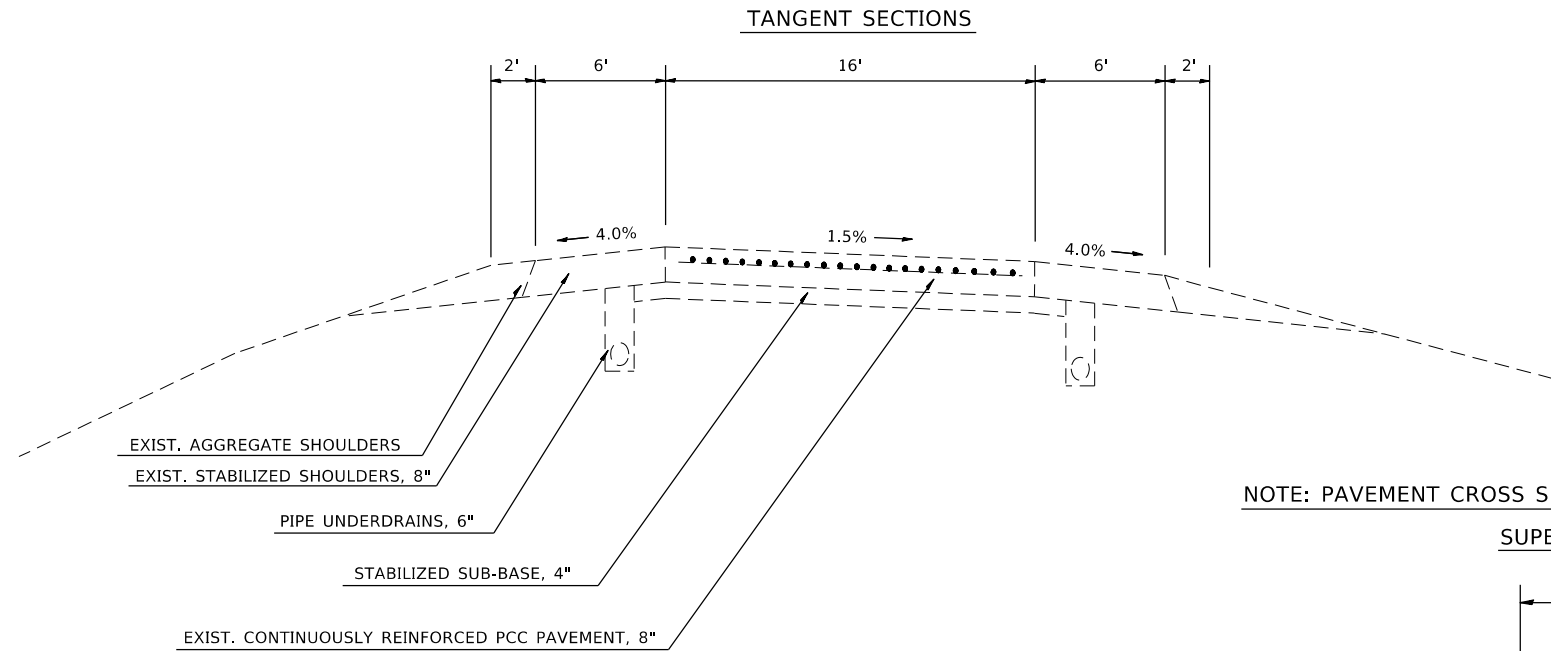
SCALE:	SHEET 2 OF 4 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	9
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE: Model - 2020.ctb  
 PROJECT: 74544  
 DRAWING: 74544-TYPICAL CROSS SECTIONS  
 DATE: 12/10/2020

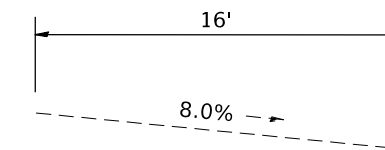
## EXISTING TYPICAL CROSS SECTION ③

### RAMPS OR LOOPS



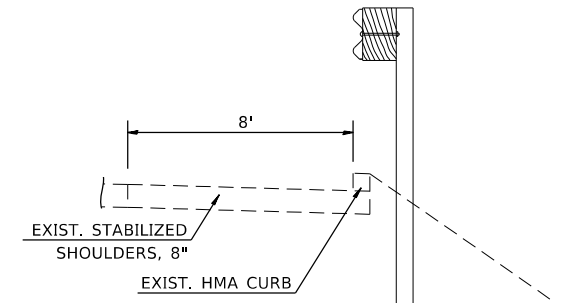
NOTE: PAVEMENT CROSS SLOPE TRANSITIONS FOR TRAVELED LANE AS FOLLOWS:

SUPERELEVATION FOR CURVE RIGHT



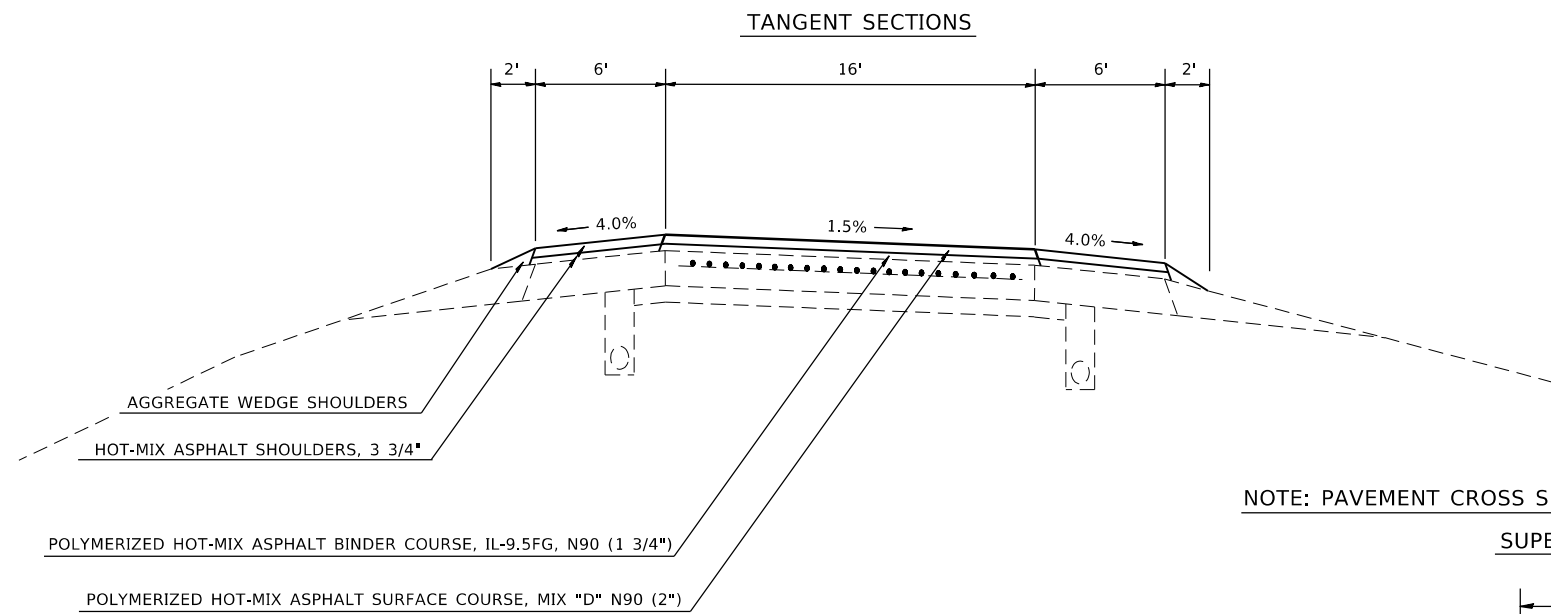
NOTE: NOT DRAWN TO SCALE

EXISTING CURB LOCATIONS  
STA. 203+09 - STA. 205+31 RAMP E  
STA. 274+35 - STA. 286+65 RAMP F



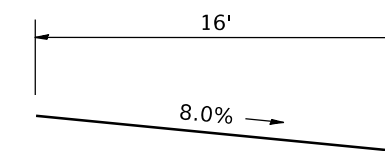
## PROPOSED TYPICAL CROSS SECTION ③

### RAMPS OR LOOPS



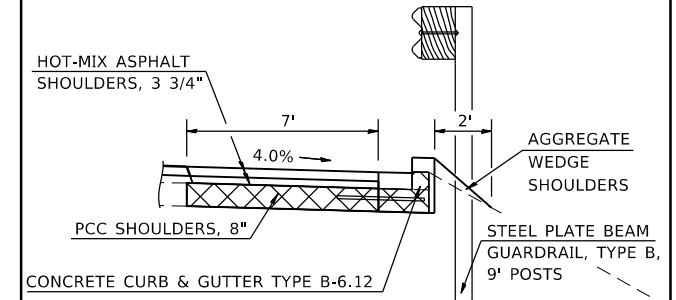
NOTE: PAVEMENT CROSS SLOPE TRANSITIONS FOR TRAVELED LANE AS FOLLOWS:

SUPERELEVATION FOR CURVE RIGHT



NOTE: NOT DRAWN TO SCALE

EXISTING CURB LOCATIONS  
STA. 203+09 - STA. 205+31 RAMP E  
STA. 274+35 - STA. 286+65 RAMP F



PAVED SHOULDER REMOVAL

USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

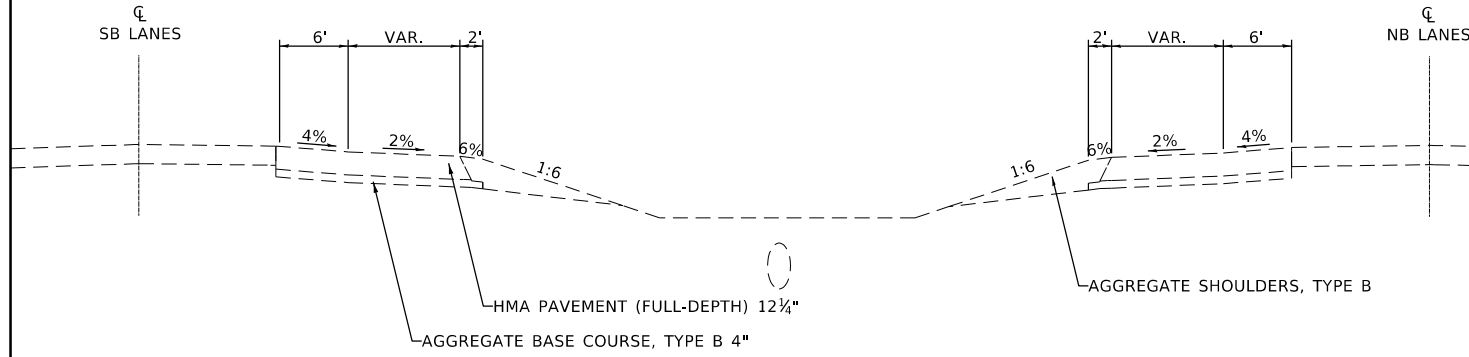
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	10
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE: h:\m\c\p\supbaroom.d\at\illinois.gov\PIWDOT\Documents\DOT\_Offices\District\_7\Projects\7454\CAD\Drawings\7454-4-shc-typical.dgn

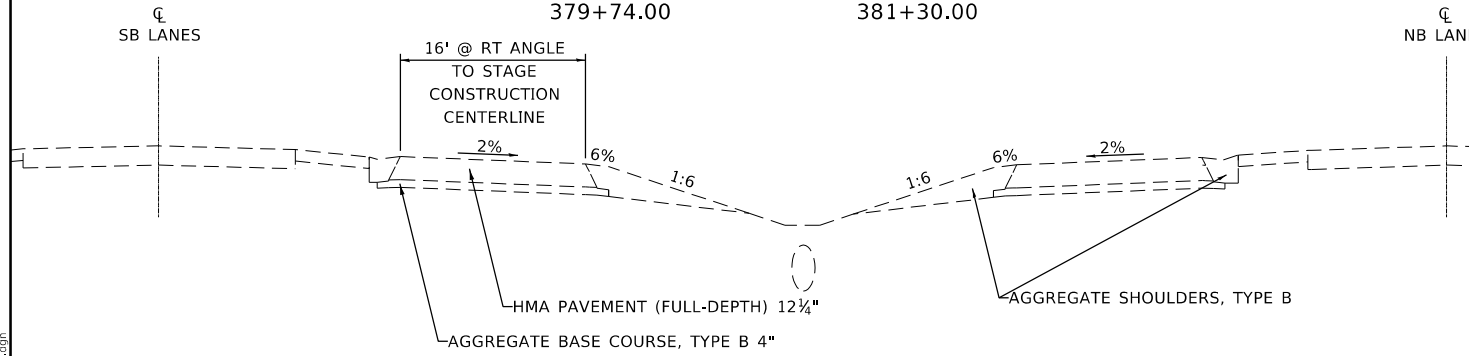
## EXISTING TYPICAL CROSS SECTION MEDIAN CROSSOVER - US-51

④

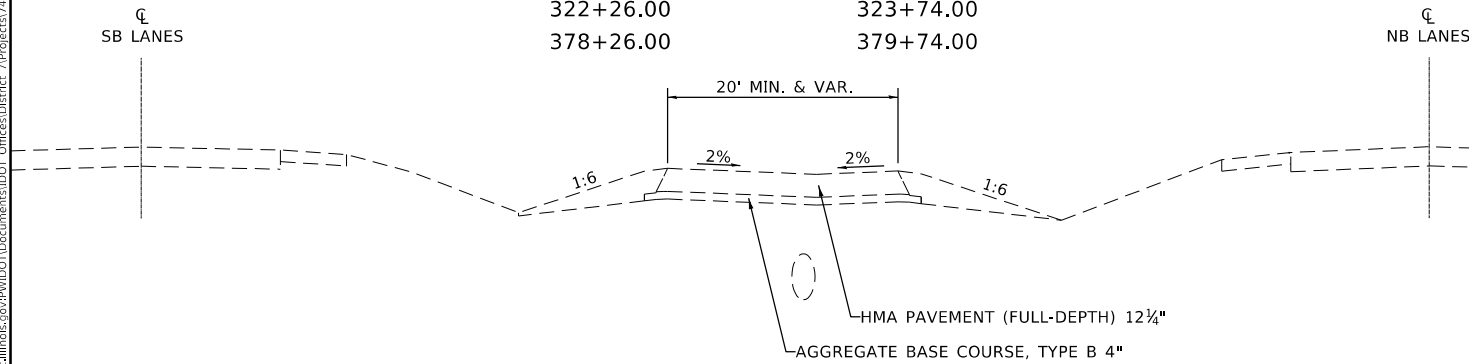
STATION      TO      STATION  
371+70.00      376+70.00  
381+30.00      754+34.00



STATION      TO      STATION  
376+70.00      378+26.00  
379+74.00      381+30.00



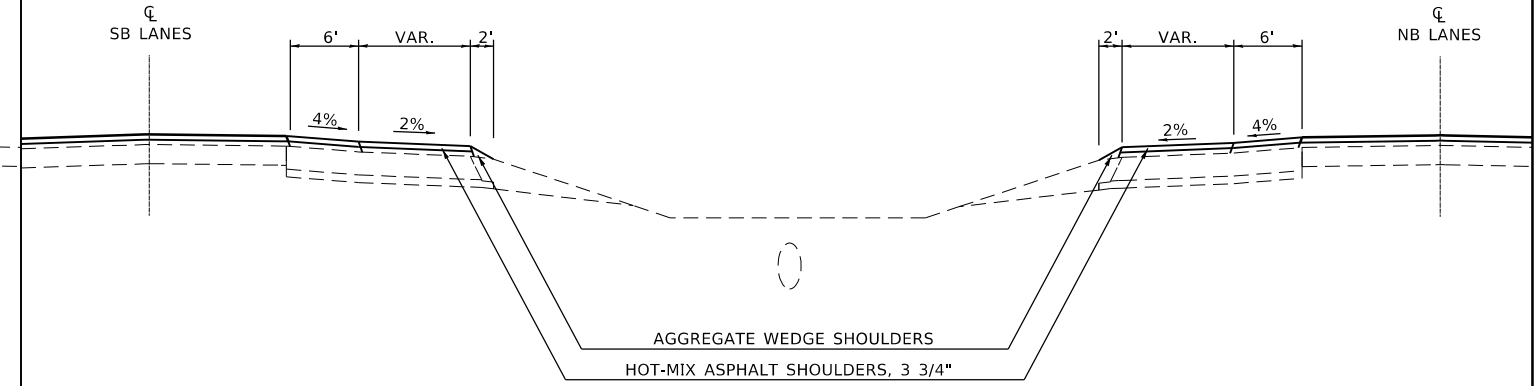
STATION      TO      STATION  
322+26.00      323+74.00  
378+26.00      379+74.00



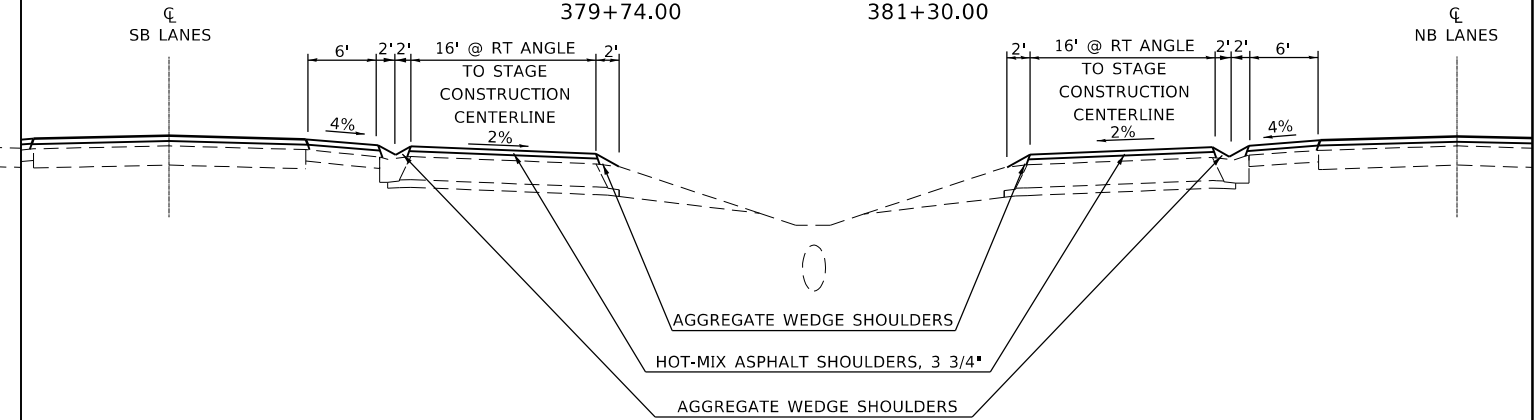
## PROPOSED TYPICAL CROSS SECTION MEDIAN CROSSOVER - US-51

④

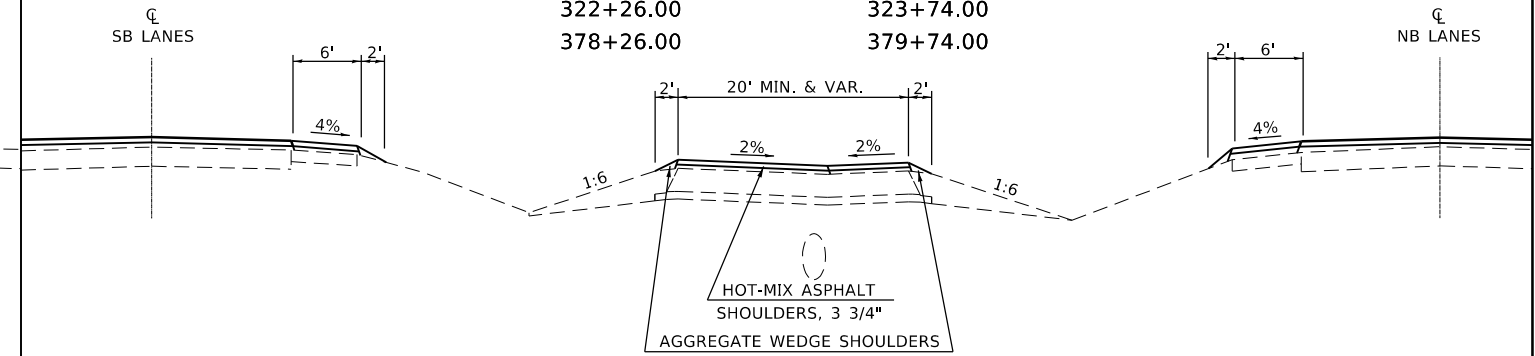
STATION      TO      STATION  
371+70.00      376+70.00  
381+30.00      754+34.00



STATION      TO      STATION  
376+70.00      378+26.00  
379+74.00      381+30.00



STATION      TO      STATION  
322+26.00      323+74.00  
378+26.00      379+74.00



MODEL: Default  
 FILE: Model - Prop - 10/10/2020 - 10:00:00 AM  
 PROJECT: 74544 - US-51 Median Crossover  
 OFFICE: District 7  
 DESIGNED: J. Steffen  
 DRAWN: J. Steffen  
 CHECKED: J. Steffen  
 DATE: 12/10/2020

USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE:      SHEET 4 OF 4 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(58-62)RS	MACON	74	11
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				







# SCHEDULE OF QUANTITIES

SHOULDER CLASS D PATCHING									
PATCH NUMBER	LOCATION		LENGTH (FOOT)	WIDTH (FOOT)	PATCH DEPTH (INCH)	CLASS D PATCHES, TYPE 1, 8" (SQ YD)	CLASS D PATCHES, TYPE 2, 8" (SQ YD)	CLASS D PATCHES, TYPE 3, 8" (SQ YD)	CLASS D PATCHES, TYPE 4, 8" (SQ YD)
	LANE	STATION							
US 36 EB EAST OF 36 OVER 51 STRUCTURE									
176	LT	591+53	36.0	6.0	8.0			24.0	
177	LT	593+25	141.0	6.0	8.0				94.0
178	RT	595+25	60.0	6.0	8.0				40.0
179	RT	600+95	10.0	10.0	8.0		11.1		
180	RT	601+66	75.0	10.0	8.0				83.3
181	RT	602+58	250.0	8.0	8.0				222.2
182	LT	603+42	70.0	6.0	8.0				46.7
US 36 WB STARTING AT THE EAST MOST GORE AREA									
183	LT	403+86	10.0	6.0	8.0		6.7		
184	LT	379+70	178.0	6.0	8.0				118.7
185	RT	375+78	75.0	10.0	8.0				83.3
186	LT	373+30	130.0	6.0	8.0				86.7
US 51 NB STARTING WEST OF SANGAMON RIVER BRIDGE									
187	NBRT	380+05	10.0	10.0	8.0		11.1		
188	NBRT	382+50	40.0	10.0	8.0				44.4
189	NBRT	383+51	6.0	10.0	8.0		6.7		
190	NBRT	384+93	15.0	10.0	8.0			16.7	
191	NBRT	386+18	4.0	10.0	8.0	4.4			
192	NBRT	386+52	10.0	10.0	8.0		11.1		
193	NBRT	389+55	69.0	10.0	8.0				76.7
194	NBRT	398+14	6.0	10.0	8.0		6.7		
195	NBRT	757+86	124.0	10.0	8.0				137.8
196	NBRT	765+70	15.0	10.0	8.0			16.7	
197	NBRT	767+50	495.0	10.0	8.0				550.0
198									
199	NBRT	772+90	15.0	10.0	8.0			16.7	
200	NBRT	773+78	25.0	10.0	8.0				27.8
201	NBRT	774+86	55.0	10.0	8.0				61.1
202									
203	NBRT	783+40	391.0	10.0	8.0				434.4
204									
205	NBRT	787+76	110.0	10.0	8.0				122.2
206	NBRT	790+68	10.0	10.0	8.0		11.1		
207	NBRT	791+05	77.0	10.0	8.0				85.6
208									
209	NBRT	792+75	96.0	10.0	8.0				106.7
210									
US 51 NB STARTING WEST OF SANGAMON RIVER BRIDGE									
211	NBLT	386+89	200.0	6.0	8.0				133.3
US 51 SB STARTING AT THE WB 72/SB 51 SPLIT									
212	SBLT	893+50	775.0	6.0	8.0				516.7
US 51 SB STARTING AT THE WB 72/SB 51 SPLIT									
213	SBRT	892+29	152.0	10.0	8.0				168.9
214	SBRT	883+66	157.0	10.0	8.0				174.4
215	SBRT	871+50	6.0	10.0	8.0		6.7		
216	SBRT	867+73	10.0	10.0	8.0		11.1		
217	SBRT	867+12	12.0	10.0	8.0		13.3		
218	SBRT	381+79	12.0	10.0	8.0		13.3		
219	SBRT	381+04	6.0	10.0	8.0		6.7		
220	SBRT	380+32	6.0	10.0	8.0		6.7		

\* VARIABLE WIDTH TO THE END (AVERAGE WIDTH = 8')

SHOULDER CLASS D PATCHING									
PATCH NUMBER	LOCATION		LENGTH (FOOT)	WIDTH (FOOT)	PATCH DEPTH (INCH)	CLASS D PATCHES, TYPE 1, 8" (SQ YD)	CLASS D PATCHES, TYPE 2, 8" (SQ YD)	CLASS D PATCHES, TYPE 3, 8" (SQ YD)	CLASS D PATCHES, TYPE 4, 8" (SQ YD)
	LANE	STATION							
SB 51 to EB 36 STARTING AT SB51 STA 877+50 JUST SOUTH OF 36 BRIDGE (LOOP B)									
221	RT	50+24	40.0	6.0	8.0				26.7
222	RT	50+47	90.0	6.0	8.0				60.0
223	RT	51+59	150.0	6.0	8.0				100.0
224	RT	53+55	86.0	6.0	8.0				57.3
225	RT	54+75	20.0	6.0	8.0		13.3		
226	RT	57+21	244.0	6.0	8.0				162.7
NB 51 TO WB 36. STAR AT THE BOTTOM OF THE RAMP (LOOP D)									
227	RT	161+10	133.0	6.0	8.0				88.7
WB 36 RAMP TO EB 72/NB 51 (RAMP E)									
228	RT	232+63	20.0	6.0	8.0		13.3		
229	RT	233+74	20.0	6.0	8.0		13.3		
NB51 TO EB 36 RAMP MEASURED FROM THE BOTTOM OF THE RAMP (RAMP F)									
230	RT	250+61	10.0	6.0	8.0		6.7		
231	RT	253+75	100.0	6.0	8.0				66.7
232	RT	259+82	6.0	6.0	8.0	4.0			
233	RT	262+19	12.0	6.0	8.0		8.0		
234	RT	287+66	438.0	8.0	8.0				389.3
TOTAL =						8.4	176.9	74.1	4,366.3
ROUND TO:						9.0	177.0	75.0	4,367.0

\* VARIABLE WIDTH TO THE END (AVERAGE WIDTH = 8')

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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET 4	OF 20 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	15
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				







# SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SHOULDERS																	
DL/PL	STATION	TO	STATION	LENGTH (FOOT)	AVG. WIDTH (FOOT)	HOT MIX ASPHALT SHOULDER THICKNESS (INCH)	* ADDITIONAL SHOULDER THICKNESS AT EOP (INCH)	DROPOFF WIDTH AT EOP (FOOT)	# OF LIFTS	SINGLE LIFT AREA (SQ YD)	SINGLE LIFT AREA (SQ FT)	2 LIFT AREA (SQ YD)	2 LIFT AREA (SQ FT)	BOTTOM LIFT	TOP LIFT	HOT-MIX ASPHALT SHOULDERS  (TON)	
														BITUMINIOUS MATERIALS (TACK COAT) (POUND)			
US-36 EB DL																	
DL	557+93.79		559+05.79	112.00	10.00	3.75	0.25	1.50	2			124.4	1,120.0	56.0	28.0	26.1	0.3
DL	559+05.79		564+36.29	530.5	10.00	3.75	0.25	1.50	2			589.4	5,305.0	265.3	132.6	123.8	1.2
DL	570+79.18		571+16.40	37.22	8.40	3.75	0.25	1.50	2			34.7	312.6	15.6	7.8	7.3	0.1
DL	571+16.40		584+97.97	1,381.57	10.00	3.75	0.25	1.50	2			1,535.1	13,815.7	690.8	345.4	322.4	3.2
DL	584+97.97		585+20.47	22.50	10.00	3.38	0.25	1.50	2			25.0	225.0	11.3	5.6	4.7	0.1
DL	585+20.47		585+50.47	30.00	10.00	2.50	0.25	1.50	1	33.3	300.0				15.0	4.7	0.1
DL	585+50.47		586+10.47	60.00	10.00	2.00	0.25	1.50	1	66.7	600.0				30.0	7.5	0.1
PAVING OMISSION - S.N. 058-0107																	
DL	591+35.00		591+66.84	31.84	10.00	2.00	0.25	1.50	1	35.4	318.4				15.9	4.0	0.1
DL	591+66.84		592+26.84	60.00	10.00	2.00	0.25	1.50	1	66.7	600.0				30.0	7.5	0.1
DL	592+26.84		592+56.84	30.00	10.00	2.50	0.25	1.50	1	33.3	300.0				15.0	4.7	0.1
DL	592+56.84		592+79.34	22.50	10.00	3.38	0.25	1.50	2			25.0	225.0	11.3	5.6	4.7	0.1
DL	592+79.34		602+07.93	928.59	10.00	3.75	0.25	1.50	2			1,031.8	9,285.9	464.3	232.1	216.7	2.2
DL	613+43.77		613+93.77	50.00	9.00	3.75	0.25	1.50	2			50.0	450.0	22.5	11.3	10.5	0.1
DL	613+93.77		617+00.00	306.23	10.00	3.75	0.25	1.50	2			340.3	3,062.3	153.1	76.6	71.5	0.7
DL	617+00.00		617+25.00	25.00	10.00	3.75	0.25	1.50	2			27.8	250.0	12.5	6.3	5.8	0.1
DL	617+25.00		617+40.00	15.00	10.00	3.25	0.25	1.50	2			16.7	150.0	7.5	3.8	3.0	0.0
DL	617+40.00		617+50.00	10.00	10.00	2.63	0.25	1.50	1	11.1	100.0				5.0	1.6	0.0
US-36 EB PL																	
PL	557+93.79		559+05.79	112.00	6.00	3.75	1.00	1.50	2			74.7	672.0	33.6	16.8	15.7	1.0
PL	559+05.79		569+66.47	1,060.68	6.00	3.75	1.00	1.50	2			707.1	6,364.1	318.2	159.1	148.5	9.9
PL	569+66.47		575+66.58	600.11	6.00	3.75	1.00	1.50	2			400.1	3,600.7	180.0	90.0	84.0	5.6
PL	575+66.58		584+97.97	931.39	6.00	3.75	1.00	1.50	2			620.9	5,588.3	279.4	139.7	130.4	8.7
PL	584+97.97		585+20.47	22.50	6.00	3.38	1.00	1.50	2			15.0	135.0	6.8	3.4	2.8	0.2
PL	585+20.47		585+50.47	30.00	6.00	2.50	1.00	1.50	1	20.0	180.0				9.0	2.8	0.3
PL	585+50.47		586+10.47	60.00	6.00	2.00	1.00	1.50	1	40.0	360.0				18.0	4.5	0.6
PAVING OMISSION - S.N. 058-0107																	
PL	591+35.00		591+66.84	31.84	6.00	2.00	1.00	1.50	1	21.2	191.0				9.6	2.4	0.3
PL	591+66.84		592+26.84	60.00	6.00	2.00	1.00	1.50	1	40.0	360.0				18.0	4.5	0.6
PL	592+26.84		592+56.84	30.00	6.00	2.50	1.00	1.50	1	20.0	180.0				9.0	2.8	0.3
PL	592+56.84		592+79.34	22.50	6.00	3.38	1.00	1.50	2			15.0	135.0	6.8	3.4	2.8	0.2
PL	592+79.34		603+94.03	1,114.69	6.00	3.75	1.00	1.50	2			743.1	6,688.1	334.4	167.2	156.1	10.4
PL	603+94.03		604+58.92	64.89	6.00	3.75	1.00	1.50	2			43.3	389.3	19.5	9.7	9.1	0.6
POT STA. 604+58.92 (US-36 EB SPUR) = POT STA. 604+59.36 (US 36 CL)																	
PL	604+59.36		617+00.00	1,240.64	6.00	3.75	1.00	1.50	2			827.1	7,443.8	372.2	186.1	173.7	11.6
PL	617+00.00		617+25.00	25.00	6.00	3.75	1.00	1.50	2			16.7	150.0	7.5	3.8	3.5	0.2
PL	617+25.00		617+40.00	15.00	6.00	3.25	1.00	1.50	2			10.0	90.0	4.5	2.3	1.8	0.1
PL	617+40.00		617+50.00	10.00	6.00	2.63	1.00	1.50	1	6.7	60.0				3.0	1.0	0.1
SUB TOTAL US-36 EB														3,272.9	1,813.9	1,572.7	59.2

\* ADDITIONAL SHOULDER THICKNESSES WERE DETERMINED BY CHECKING SHOULDER DROPOFFS AT SPOT LOCATIONS THROUGHOUT THE SECTION AND CALCULATING AN AVERAGE VALUE

MODEL: Default  
 FILE: \\bls01c.pw.uspbarn.com\data\illinois.gov\RWIDOT\Documents\DOT\_Offices\Illinet\7\Projects\7454\CADD\data\CADDsheets\DOT\7454-Asph-schedule.dgn

USER NAME = steffenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET 7	OF 20 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	18
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		





# SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SHOULDERS																	
DL/PL	STATION	TO	STATION	LENGTH (FOOT)	AVG. WIDTH (FOOT)	HOT MIX ASPHALT SHOULDER THICKNESS (INCH)	* ADDITIONAL SHOULDER THICKNESS AT EOP (INCH)	DROPOFF WIDTH AT EOP (FOOT)	# OF LIFTS	SINGLE LIFT AREA (SQ YD)	SINGLE LIFT AREA (SQ FT)	2 LIFT AREA (SQ YD)	2 LIFT AREA (SQ FT)	BOTTOM LIFT	TOP LIFT	HOT-MIX ASPHALT SHOULDERS (TON)	
														BITUMINIOUS MATERIALS (TACK COAT) (POUND)			
RAMP A - RT																	
RT	0+00.00		+56.99	56.99	7.50	3.75	1.00	1.50	2			47.5	427.4	21.4	10.7	10.0	0.5
RT	0+56.99		8+77.52	820.53	6.00	3.75	1.00	1.50	2			547.0	4,923.2	246.2	123.1	114.9	7.7
RT	8+77.52		13+38.63	461.11	6.00	3.75	1.00	1.50	2			307.4	2,766.7	138.3	69.2	64.6	4.3
RT	13+38.63		25+43.90	1205.27	6.00	3.75	1.00	1.50	2			803.5	7,231.6	361.6	180.8	168.7	11.2
RT	25+43.90		30+50.36	506.46	6.00	3.75	1.00	1.50	2			337.6	3,038.8	151.9	76.0	70.9	4.7
RT	30+50.36		39+61.09	910.73	6.00	3.75	1.00	1.50	2			607.2	5,464.4	273.2	136.6	127.5	8.5
RT	39+61.09		41+10.51	149.42	7.50	3.75	1.00	1.50	2			124.5	1,120.7	56.0	28.0	26.1	1.4
RAMP A - LT																	
LT	6+42.58		8+77.52	234.94	4.00	3.75	0.00	1.50	2			104.4	939.8	47.0	23.5	21.9	
LT	8+77.52		13+38.63	461.11	4.00	3.75	0.00	1.50	2			204.9	1,844.4	92.2	46.1	43.0	
LT	13+38.63		25+43.90	1205.27	4.00	3.75	0.00	1.50	2			535.7	4,821.1	241.1	120.5	112.5	
LT	25+43.90		29+57.21	413.31	4.00	3.75	0.00	1.50	2			183.7	1,653.2	82.7	41.3	38.6	
SUB TOTAL RAMP A														1,711.6	855.8	798.7	38.4
LOOP B RT																	
RT	49+98.58		53+14.17	315.59	6.00	3.75	0.00	1.50	2			210.4	1,893.5	94.7	47.3	44.2	
RT	53+14.17		58+29.95	515.78	6.00	3.75	0.00	1.50	2			343.9	3,094.7	154.7	77.4	72.2	
RT	58+29.95		63+45.72	515.77	6.00	3.75	0.00	1.50	2			343.8	3,094.6	154.7	77.4	72.2	
RT	63+45.72		65+33.54	187.82	6.00	3.75	0.00	1.50	2			125.2	1,126.9	56.3	28.2	26.3	
RT	65+33.54		65+56.04	22.5	6.00	3.38	0.00	1.50	2			15.0	135.0	6.8	3.4	2.8	
RT	65+56.04		65+86.04	30.00	6.00	2.50	0.00	1.50	1	20.00	180.0				9.0	2.8	
RT	65+86.04		66+46.04	60.00	6.00	2.00	0.00	1.50	1	40.00	360.0				18.0	4.5	
LOOP B LT																	
LT	52+13.30		53+14.17	100.87	4.00	3.75	0.00	1.50	2			44.8	403.5	20.2	10.1	9.4	
LT	53+14.17		58+29.95	515.78	4.00	3.75	0.00	1.50	2			229.2	2,063.1	103.2	51.6	48.1	
LT	58+29.95		63+45.72	515.77	4.00	3.75	0.00	1.50	2			229.2	2,063.1	103.2	51.6	48.1	
LT	63+45.72		65+33.54	187.82	4.00	3.75	0.00	1.50	2			83.5	751.3	37.6	18.8	17.5	
LT	65+33.54		65+56.04	22.5	4.00	3.38	0.00	1.50	2			10.0	90.0	4.5	2.3	1.9	
LT	65+56.04		65+86.04	30.00	4.00	2.50	0.00	1.50	1	13.33	120.0				6.0	1.9	
LT	65+86.04		66+46.04	60.00	4.00	2.00	0.00	1.50	1	26.67	240.0				12.0	3.0	
SUB TOTAL LOOP B														735.8	412.9	355.0	
LOOP C RT																	
RT	100+15.74		100+75.74	60.00	6.00	2.00	2.25	1.50	1	40.00	360.0				18.0	4.5	1.3
RT	100+75.74		101+05.74	30.00	6.00	2.50	2.25	1.50	1	20.00	180.0				9.0	2.8	0.6
RT	101+05.74		101+28.24	22.50	6.00	3.38	2.25	1.50	2			15.0	135.0	6.8	3.4	2.8	0.5
RT	101+28.24		102+99.96	171.72	6.00	3.75	2.25	1.50	2			114.5	1,030.3	51.5	25.8	24.0	3.6
RT	102+99.96		107+29.67	429.71	6.00	3.75	2.25	1.50	2			286.5	2,578.3	128.9	64.5	60.2	9.0
RT	107+29.67		111+59.38	429.71	6.00	3.75	2.25	1.50	2			286.5	2,578.3	128.9	64.5	60.2	9.0
RT	111+59.38		115+02.18	342.80	6.00	3.75	2.25	1.50	2			228.5	2,056.8	102.8	51.4	48.0	7.2
LOOP C LT																	
LT	102+66.82		102+99.96	33.14	4.00	3.75	0.00	1.50	2			14.7	132.6	6.6	3.3	3.1	
LT	102+99.96		107+29.67	429.71	4.00	3.75	0.00	1.50	2			191.0	1,718.8	85.9	43.0	40.1	
LT	107+29.67		111+59.38	429.71	4.00	3.75	0.00	1.50	2			191.0	1,718.8	85.9	43.0	40.1	
LT	111+59.38		114+15.03	255.65	4.00	3.75	0.00	1.50	2			113.6	1,022.6	51.1	25.6	23.9	
SUB TOTAL LOOP C														648.6	351.3	309.6	31.2

\* ADDITIONAL SHOULDER THICKNESSES WERE DETERMINED BY CHECKING SHOULDER DROPOFFS AT SPOT LOCATIONS THOUGHOUT THE SECTION AND CALCULATING AN AVERAGE VALUE

MODEL: Default  
 FILE: Model: P:\pub\harron.dwg  
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USER NAME = steffenk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET 10 OF 20 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	21
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		

# SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SHOULDERS																	
DL/PL	STATION	TO	STATION	LENGTH (FOOT)	AVG. WIDTH (FOOT)	HOT MIX SHOULDER THICKNESS (INCH)	* ADDITIONAL SHOULDER THICKNESS AT EOP (INCH)	DROPOFF WIDTH AT EOP (FOOT)	# OF LIFTS	SINGLE LIFT AREA (SQ YD)	SINGLE LIFT AREA (SQ FT)	2 LIFT AREA (SQ YD)	2 LIFT AREA (SQ FT)	BITUMINIOUS MATERIALS (TACK COAT) (POUND)		HOT-MIX ASPHALT SHOULDERS (TON)	
														BOTTOM LIFT	TOP LIFT	OVERLAY QUANTITY	ADDITIONAL DROPOFF QUANTITY
LOOP D RT																	
RT	150+00.00		151+50.00	150.00	6.00	3.75	1.75	1.50	2			100.0	900.0	45.0	22.5	21.0	2.5
RT	151+50.00		153+00.00	150.00	6.00	3.75	1.75	1.50	2			100.0	900.0	45.0	22.5	21.0	2.5
RT	153+00.00		156+89.72	389.72	6.00	3.75	1.75	1.50	2			259.8	2,338.3	116.9	58.5	54.6	6.4
RT	156+89.72		160+79.44	389.72	6.00	3.75	1.75	1.50	2			259.8	2,338.3	116.9	58.5	54.6	6.4
RT	160+79.44		163+41.83	262.39	6.00	3.75	1.75	1.50	2			174.9	1,574.3	78.7	39.4	36.7	4.3
RT	163+41.83		163+64.33	22.5	6.00	3.38	1.75	1.50	2			15.0	135.0	6.8	3.4	2.8	0.4
RT	163+64.33		163+94.33	30	6.00	2.50	1.75	1.50	1	20.00	180.0				9.0	2.8	0.5
RT	163+94.33		164+54.33	60	6.00	2.00	1.75	1.50	1	40.00	360.0				18.0	4.5	1.0
LOOP D LT																	
LT	150+00.00		151+50.00	150.00	4.00	3.75	0.00	1.50	2			66.7	600.0	30.0	15.0	14.0	
LT	151+50.00		153+00.00	150.00	4.00	3.75	0.00	1.50	2			66.7	600.0	30.0	15.0	14.0	
LT	153+00.00		156+89.72	389.72	4.00	3.75	0.00	1.50	2			173.2	1,558.9	77.9	39.0	36.4	
LT	156+89.72		160+79.44	389.72	4.00	3.75	0.00	1.50	2			173.2	1,558.9	77.9	39.0	36.4	
LT	160+79.44		162+81.93	202.49	4.00	3.75	0.00	1.50	2			90.0	810.0	40.5	20.2	18.9	
SUB TOTAL LOOP D														665.7	359.8	317.6	23.8
RAMP E RT																	
RT	200+00.00		200+70.63	70.63	8.50	3.75	1.50	1.50	2			66.7	600.4	30.0	15.0	14.0	1.0
RT	200+70.63		205+30.63	460.00	8.00	3.75	1.50	1.50	2			408.9	3,680.0	184.0	92.0	85.9	6.4
RT	205+30.63		206+62.04	131.41	7.00	3.75	1.50	1.50	2			102.2	919.9	46.0	23.0	21.5	1.8
RT	206+62.04		225+10.11	1848.07	6.00	3.75	1.50	1.50	2			1,232.0	11,088.4	554.4	277.2	258.7	25.9
RT	225+10.11		232+48.94	738.83	6.00	3.75	1.50	1.50	2			492.6	4,433.0	221.6	110.8	103.4	10.3
RT	232+48.94		233+60.94	112.00	6.00	3.75	1.50	1.50	2			74.7	672.0	33.6	16.8	15.7	1.6
SUB TOTAL RAMP E														1,417.3	708.6	661.4	47.1
RAMP F RT																	
RT	250+00.00		250+57.14	57.14	7.50	3.75	2.00	1.50	2			47.6	428.5	21.4	10.7	10.0	1.1
RT	250+57.14		256+62.34	605.2	6.00	3.75	2.00	1.50	2			403.5	3,631.2	181.6	90.8	84.7	11.3
RT	256+62.34		268+03.19	1140.85	6.00	3.75	2.00	1.50	2			760.6	6,845.1	342.3	171.1	159.7	21.3
RT	268+03.19		273+30.24	527.05	6.00	3.75	2.00	1.50	2			351.4	3,162.3	158.1	79.1	73.8	9.8
RT	273+30.24		274+35.00	104.76	7.00	3.75	2.00	1.50	2			81.5	733.3	36.7	18.3	17.1	2.0
RT	274+35.00		286+65.00	1230.00	8.00	3.75	2.00	1.50	2			1,093.3	9,840.0	492.0	246.0	229.6	23.0
RT	286+65.00		288+60.04	195.04	8.50	3.75	2.00	1.50	2			184.2	1,657.8	82.9	41.4	38.7	3.6
SUB TOTAL RAMP F														1,721.9	860.9	803.5	72.1
GORE AREAS/AUXILIARY LANES																	
** LT	5+29.81	RAMP A	6+42.61	112.80	VARIES	3.75	0.00	1.50	2			137.4	1,236.8	61.8	30.9	28.9	
** LT	29+57.21	RAMP A	31+61.51	204.30	VARIES	3.75	0.00	1.50	2			192.8	1,735.3	86.8	43.4	40.5	
** LT	114+15.03	LOOP C	115+02.18	87.15	VARIES	3.75	0.00	1.50	2			84.1	756.6	37.8	18.9	17.7	
** DL SHLD	877+83.74	US-51 SB	882+32.40	448.66	VARIES	3.75	0.75	1.50	2			299.2	2,692.4	134.6	67.3	62.8	3.1
** DL SHLD	776+07.23	US-51 NB	782+90.40	683.17	VARIES	3.75	1.25	1.50	2			452.4	4,071.2	203.6	101.8	95.0	8.0
** LT	205+29.44	RAMP E	206+73.80	144.36	VARIES	3.75	0.00	1.50	2			199.1	1,791.6	89.6	44.8	41.8	
** LT	224+11.77	RAMP E	226+84.38	272.61	VARIES	3.75	0.00	1.50	2			277.9	2,501.3	125.1	62.5	58.4	
** LT	225+29.85	RAMP F	226+87.41	157.56	VARIES	3.75	0.00	1.50	2			225.4	2,029.0	101.5	50.7	47.3	
** LT	277+22.17	RAMP F	279+10.84	188.67	VARIES	3.75	0.00	1.50	2			199.4	1,794.2	89.7	44.9	41.9	
** LT/RT	374+48.18	US-51 X-OVER	383+51.81	903.63	VARIES	3.75	0.00	1.50	2			2,268.6	20,417.4	1,020.9	510.4	476.4	
SUB TOTAL GORES/AUX. LANES														1,951.3	975.6	910.6	11.1

\* ADDITIONAL SHOULDER THICKNESSES WERE DETERMINED BY CHECKING SHOULDER DROPOFFS AT SPOT LOCATIONS THROUGHTOUT THE SECTION AND CALCULATING AN AVERAGE VALUE

\*\* MEASURED IN CADD

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USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES	
SCALE:	SHEET 11 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	22
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SUMMARY								
LOCATION	MAINLINE		SHOULDERS		POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)	HOT-MIX ASPHALT SHOULDERS (TON)	
	BINDER COURSE	SURFACE COURSE	BOTTOM LIFT	TOP LIFT				
	BITUMINIOUS MATERIALS (TACK COAT) (POUND)		BITUMINIOUS MATERIALS (TACK COAT) (POUND)				OVERLAY QUANTITY	ADDITIONAL DROPOFF QUANTITY
US-36	11,314.8	6,162.6	6,184.2	3,342.1	2,704.1	2,952.5	2,950.0	67.2
US-51	16,089.9	8,044.9	8,662.7	4,331.4	3,504.0	4,004.6	4,042.6	223.4
RAMP A	2,897.7	1,448.8	1,711.6	855.8	631.0	721.2	798.7	38.4
LOOP B	1,313.3	728.7	735.8	412.9	285.2	346.3	355.0	0.0
LOOP C	1,114.7	617.6	648.6	351.3	241.9	293.8	309.6	31.2
LOOP D	1,525.3	825.8	665.7	359.8	331.4	398.9	317.6	23.8
RAMP E	2,427.8	1,213.9	1,417.3	708.6	528.7	604.2	661.4	47.1
RAMP F	2,670.7	1,335.3	1,721.9	860.9	581.6	664.7	803.5	72.1
GORES/AUX. LANES	1,460.2	792.9	1,951.3	975.6	318.0	380.3	910.6	11.1
US-51 MEDIAN CROSSOVER								
SUB-TOTALS:	40,814.3	21,170.6	23,699.0	12,198.5			11,149.1	514.2
GRAND TOTAL =			97,882.3		9,125.9	10,366.5		11,663.2
ROUND TO:			97,883.0		9,126.0	10,367.0		11,664.0

LONGITUDINAL JOINT SEALANT						
LOCATION	CL/EL	STATION TO	STATION	LENGTH (FOOT)	NUMBER OF JOINTS	LONGITUDINAL JOINT SEALANT (FOOT)
US-36						
US-36 EB SPUR	CL	557+93.79	569+66.47	1,172.7	1 0	1,172.7
US-36 EB SPUR	CL	569+66.47	575+66.58	600.1	1 0	600.1
US-36 EB SPUR	CL	575+66.58	585+20.47	953.9	1 0	953.9
US-36 EB SPUR	CL	592+56.84	604+58.92	1,202.1	1 0	1,202.1
POT STA. 604+58.92 US-36 EB SPUR (BK.) = POT STA. 604+59.36 US-36 (AH.)						
US-36 EB	CL	604+59.36	617+40.00	1,280.6	1 0	1,280.6
US-36 WB SPUR	CL	367+64.42	369+59.55	195.1	1 0	195.1
US-36 WB SPUR	CL	369+59.55	376+79.55	720.0	1 0	720.0
US-36 WB SPUR	CL	376+79.55	382+20.20	540.6	1 0	540.6
US-36 WB SPUR	CL	382+20.20	385+44.57	324.4	1 0	324.4
US-36 WB SPUR	CL	393+09.00	404+55.36	1,146.4	1 0	1,146.4
POT STA. 404+55.36 US-36 WB SPUR (BK.) = POT STA. 604+59.36 US-36 (AH.)						
US-36 WB	CL	604+59.36	617+40.00	1,280.6	1 0	1,280.6
SUB TOTAL US-36						9,416.6
US-51						
US-51 NB	CL	366+27.50	383+96.31	1,768.8	1 0	1,768.8
POT STA. 383+96.31 US-51 (BK.) = POT STA. 752+00.00 US-51 (AH.)						
US-51 NB	CL	752+00.00	759+36.08	736.1	1 0	736.1
US-51 NB	CL	759+36.08	765+86.08	650.0	1 0	650.0
POT STA. 765+86.08 US-51 (BK.) = POT STA. 765+86.08 US-51 NB (AH.)						
US-51 NB	CL	765+86.08	789+85.66	2,399.6	1 0	2,399.6
US-51 NB	CL	789+85.66	803+75.89	1,390.2	1 0	1,390.2
US-51 SB	CL	366+27.50	383+96.31	1,768.8	1 0	1,768.8
POT STA. 383+96.31 US-51 (BK.) = POT STA. 752+00.00 US-51 (AH.)						
US-51 SB	CL	752+00.00	759+36.08	736.1	1 0	736.1
US-51 SB	CL	759+36.08	765+86.08	650.0	1 0	650.0
POT STA. 765+86.08 US-51 (BK.) = POT STA. 865+86.08 US-51 SB (AH.)						
US-51 SB	CL	865+86.08	874+58.03	871.9	1 0	871.9
US-51 SB	CL	874+58.03	890+81.65	1,623.6	1 0	1,623.6
US-51 SB	CL	890+81.65	898+95.18	813.5	1 0	813.5
SUB-TOTAL US-51						13,408.7

STATION	LENGTH	AVERAGE WIDTH (FOOT)	AREA (SQ YD)	INCIDENTAL HOT-MIX ASPHALT THICKNESS (INCH)	AGGREGATE SURFACE COURSE, TYPE B (TON)
US-51 MEDIAN CROSSOVER					
** 372+67.00	---	---	263.8	3.8	56.3
TOTAL =					56.3
ROUND TO:					57.0

\*\* MEASURED IN CADD

SUB TOTAL US-36	9,416.6
SUB-TOTAL US-51	13,408.7
GRAND TOTAL =	22,825.2
ROUND TO:	22,826.0

MODEL: Default  
FILE: \\blm1c01\pub\harcourt\illinois\pwr\DOT\Documents\DOT\_Offices\blm1c01\7454\CADDData\CADDsheets\DOT74544-shc-schedule.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 12 OF 20 SHEETS STA. TO STA.

**SCHEDULES OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	23
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		

# SCHEDULE OF QUANTITIES

6" PAVEMENT MARKING															
LINE/SD	LOCATION	STATIONING			LENGTH (FEET)	STRIPE WIDTH (INCH)	NUMBER OF STRIPES	TEMPORARY PAVEMENT MARKING - LINE 6"		THERMOPLASTIC PAVEMENT MARKING - LINE 6"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"		PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	GROOVING FOR RECESSED PAVEMENT MARKING 7" (FOOT)
		FROM		TO				WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW		
								(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		
US-36 EB															
LINE/SD	DL/CL/PL	557+93.79		564+36.29	642.5	6.0	2.25	803.13	642.50	803.1	642.5			722.8	1,445.6
LINE/SD	CL/PL	564+36.29		570+79.18	642.9	6.0	1.25	160.7	642.9	160.7	642.9			401.8	803.6
LINE/SD	DL/CL/PL	570+79.18		586+10.47	1,531.3	6.0	2.25	1,914.1	1,531.3	1,914.1	1,531.3			1,722.7	3,445.4
LINE/SD	CL/PL	586+10.47		587+09.97	99.5	6.0	1.25	24.9	99.5	24.9	99.5			62.2	124.4
LINE/SD	PL/CL	587+09.97		590+37.14	327.2	6.0	1.25	81.8	327.2			81.8	327.2	204.5	409.0
LINE/SD	PL/CL	590+37.14		591+35.00	97.9	6.0	1.25	24.5	97.9	24.5	97.9			61.2	122.3
LINE/SD	PL/CL	591+35.00		598+08.77	673.8	6.0	1.25	168.4	673.8	168.4	673.8			421.1	842.2
LINE/SD	DL/CL/PL	598+08.77		602+07.93	399.2	6.0	2.25	499.0	399.2	499.0	399.2			449.1	898.1
LINE/SD	PL/CL	602+07.93		604+58.92	251.0	6.0	1.25	62.7	251.0	62.7	251.0			156.9	313.7
POT STA. 604+58.92 (US-36 EB SPUR) = POT STA. 604+59.36 (US 36 CL)															
LINE/SD	PL/CL	604+59.36		613+43.77	884.4	6.0	1.25	221.1	884.4	221.1	884.4			552.8	1,105.5
LINE/SD	DL/PL/CL	613+43.77		617+50.00	406.2	6.0	2.25	507.8	406.2	507.8	405.2			457.0	914.0
US-36 WB															
LINE/SD	DL/CL/PL	367+64.42		383+75.13	1,610.7	6.0	2.25	2,013.4	1,610.7	2,013.4	1,610.7			1,812.0	3,624.1
LINE/SD	PL/CL	383+75.13		387+34.07	358.9	6.0	1.25	89.7	358.9	89.7	358.9			224.3	448.7
LINE/SD	PL/CL	387+34.07		390+90.88	356.8	6.0	1.25	89.2	356.8			89.2	356.8	223.0	446.0
LINE/SD	PL/CL	390+90.88		393+95.79	304.9	6.0	1.25	76.2	304.9	76.2	304.9			190.6	381.1
LINE/SD	DL/CL/PL	393+95.79		404+55.35	1,059.6	6.0	2.25	1,324.5	1,059.6	1,324.5	1,059.6			1,192.0	2,384.0
POT STA. 404+55.35 (US-36 WB SPUR) = POT STA. 604+59.36 (US 36 CL)															
LINE/SD	DL/CL/PL	604+59.36		606+90.60	231.2	6.0	2.25	289.0	231.2	289.0	231.2			260.1	520.3
LINE/SD	PL/CL	606+90.60		613+64.88	674.3	6.0	1.25	168.6	674.3	168.6	674.3			421.4	842.8
LINE/SD	DL/CL/PL	613+64.88		617+50.00	385.1	6.0	2.25	481.4	385.1	481.4	385.1			433.3	866.5
SUB TOTAL US-36 =								9,000.1	10,937.3	8,829.2	10,253.4	171.0	684.0	9,968.7	19,937.5
US 51 NB															
LINE/SD	DL/CL/PL	366+27.50		383+96.31	1,768.8	6.0	2.25	2,211.0	1,768.8	2,211.0	1,768.8			1,989.9	3,979.8
POT STA. 383+96.31 = POT STA. 752+00.00															
LINE/SD	DL/CL/PL	752+00.00		759+83.46	783.5	6.0	2.25	979.3	783.5	979.3	783.5			881.4	1,762.8
LINE/SD	PL/CL	759+83.46		765+86.08	602.6	6.0	1.25	150.7	602.6	150.7	602.6			376.6	753.3
POT STA. 765+86.08 (CL US-51) = POT STA. 765+86.08 (US-51 NB)															
LINE/SD	PL/CL	765+86.08		766+72.37	86.3	6.0	1.25	21.6	86.3	21.6	86.3			53.9	107.9
LINE/SD	DL/CL/PL	766+72.37		776+07.23	934.9	6.0	2.25	1,168.6	934.9	1,168.6	934.9			1,051.7	2,103.4
LINE/SD	PL/CL	776+07.23		781+65.90	558.7	6.0	1.25	139.7	558.7	139.7	558.7			349.2	698.3
LINE/SD	DL/CL/PL	781+65.90		794+24.05	1,258.2	6.0	2.25	1,572.7	1,258.2	1,572.7	1,258.2			1,415.4	2,830.8
LINE/SD	PL/CL	794+24.05		802+77.00	852.9	6.0	1.25	213.2	852.9	213.2	852.9			533.1	1,066.2
LINE/SD	CL	802+77.00		803+75.42	98.4	6.0	0.25	24.6		24.6				12.3	24.6
US-51 SB															
LINE/SD	DL/CL/PL	366+27.50		383+96.31	1,768.8	6.0	2.25	2,211.0	1,768.8	2,211.0	1,768.8			1,989.9	3,979.8
POT STA. 383+96.31 = POT STA. 752+00.00															
LINE/SD	DL/CL/PL	752+00.00		754+50.00	250.0	6.0	2.25	312.5	250.0	312.5	250.0			281.3	562.5
LINE/SD	PL/CL	754+50.00		765+86.08	1,136.1	6.0	1.25	284.0	1,136.1	284.0	1,136.1			710.1	1,420.1
POT STA. 765+86.08 (CL US-51) = POT STA. 865+86.08 (US-51 SB)															
LINE/SD	PL/CL	865+86.08		866+05.49	19.4	6.0	1.25	4.9	19.4	4.9	19.4			12.1	24.3
LINE/SD	DL/CL/PL	866+05.49		875+66.13	960.6	6.0	2.25	1,200.8	960.6	1,200.8	960.6			1,080.7	2,161.4
LINE/SD	PL/CL	875+66.13		883+22.95	756.8	6.0	1.25	189.2	756.8	189.2	756.8			473.0	946.0
LINE/SD	DL/CL/PL	883+22.95		898+95.18	1,572.2	6.0	2.25	1,965.3	1,572.2	1,965.3	1,572.2			1,768.8	3,537.5
SUB TOTAL US-51 =								12,649.0	13,309.8	12,649.0	13,309.8			12,979.4	25,958.8

SD = SKIP DASH

MODEL: Default  
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PROJECT: 7454\CA00Data\CAD\sheet\7454-4-shc-schedule.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			*	(58-62)RS	MACON	74	24	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -			* - FAP 322A / FAP 323		CONTRACT NO. 74544			
PLOT DATE = 12/10/2020	DATE -	REVISED -			SCALE:	SHEET 14 OF 20 SHEETS	STA.	TO STA.		
					ILLINOIS FED. AID PROJECT					



# SCHEDULE OF QUANTITIES

6" PAVEMENT MARKING															
LINE/SD	LOCATION	STATIONING			LENGTH (FEET)	STRIPE WIDTH (INCH)	NUMBER OF STRIPE	TEMPORARY PAVEMENT MARKING - LINE 6"		THERMOPLASTIC PAVEMENT MARKING - LINE 6"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"		PAVEMENT MARKING REMOVAL - WATER BLASTING	GROOVING FOR RECESSED PAVEMENT MARKING 7"
		FROM		TO				WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	(SQ FT)	(FOOT)
								(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		
<b>RAMP A</b>															
LINE	RT	0+00.00		6+42.58	642.6	6.0	1.00	642.6		642.6				321.3	642.6
LINE	LT/RT	6+42.58		29+57.21	2,314.6	6.0	2.00	2,314.6	2,314.6	2,314.6	2,314.6			2,314.6	4,629.3
LINE	RT	29+57.21		41+10.51	1,153.3	6.0	1.00	1,153.3		1,153.3				576.7	1,153.3
SUB TOTAL RAMP A =								4,110.5	2,314.6	4,110.5	2,314.6			3,212.6	6,425.1
<b>LOOP B</b>															
LINE	RT	49+98.58		51+90.99	192.4	6.0	1.00	192.4		192.4				96.2	192.4
LINE	LT/RT	51+90.99		53+14.17	123.2	6.0	2.00	123.2	123.2	123.2	123.2			123.2	246.4
LINE	LT/RT	53+14.17		58+29.95	515.8	6.0	2.00	515.8	515.8	515.8	515.8			515.8	1,031.6
LINE	LT/RT	58+29.95		63+45.72	515.8	6.0	2.00	515.8	515.8	515.8	515.8			515.8	1,031.5
LINE	LT/RT	63+45.72		65+33.54	187.8	6.0	2.00	187.8	187.8	187.8	187.8			187.8	375.6
LINE	LT/RT	65+33.54		65+56.04	22.5	6.0	2.00	22.5	22.5	22.5	22.5			22.5	45.0
LINE	LT/RT	65+56.04		65+86.04	30.0	6.0	2.00	30.0	30.0	30.0	30.0			30.0	60.0
LINE	LT/RT	65+86.04		66+07.36	21.3	6.0	2.00	21.3	21.3	21.3	21.3			21.3	42.6
LINE	LT/RT	585+71.39	US-36 EB	587+09.97	138.6	6.0	2.00	138.6	138.6	138.6	138.6			138.6	277.2
SUB TOTAL LOOP B =								1,747.4	1,555.0	1,747.4	1,555.0			1,651.2	3,302.3
<b>LOOP C</b>															
LINE	RT	387+34.07	US-36 WB	386+50.06	84.0	6.0	1.00	84.0		84.0				42.0	84.0
LINE	RT	100+15.74		102+66.82	251.1	6.0	1.00	251.1		251.1				125.5	251.1
LINE	LT/RT	102+66.82		114+15.03	1,148.2	6.0	2.00	1,148.2	1,148.2	1,148.2	1,148.2			1,148.2	2,296.4
LINE	RT	114+15.03		115+02.18	87.1	6.0	1.00	87.1		87.1				43.6	87.1
SUB TOTAL LOOP C =								1,570.5	1,148.2	1,570.5	1,148.2			1,359.3	2,718.7
<b>LOOP D</b>															
LINE	RT	776+07.23	US-51 NB	781+65.90	558.7	6.0	1.00	558.7		558.7				279.3	558.7
LINE	LT/RT	781+65.90	US-51 NB	782+90.40	124.5	6.0	2.00	124.5	124.5	124.5	124.5			124.5	249.0
LINE	LT/RT	150+00.00		162+81.93	1,281.9	6.0	2.00	1,281.9	1,281.9	1,281.9	1,281.9			1,281.9	2,563.9
LINE	RT	162+81.93		164+54.33	172.4	6.0	1.00	172.4		172.4				86.2	172.4
LINE	RT	392+94.28	US-36 WB	390+93.70	200.6	6.0	1.00	200.6		200.6				100.3	200.6
SUB TOTAL LOOP D =								2,338.1	1,406.4	2,338.1	1,406.4			1,872.3	3,744.5
<b>RAMP E</b>															
LINE	RT	200+00.00		206+73.80	673.8	6.0	1.00	673.8		673.8				336.9	673.8
LINE	LT/RT	206+73.80		224+11.68	1,737.9	6.0	2.00	1,737.9	1,737.9	1,737.9	1,737.9			1,737.9	3,475.8
LINE	RT	224+11.68		233+60.94	949.3	6.0	1.00	949.3		949.3				474.6	949.3
SUB TOTAL RAMP E =								3,360.9	1,737.9	3,360.9	1,737.9			2,549.4	5,098.8
<b>RAMP F</b>															
LINE	RT	250+00.00		256+87.45	687.5	6.0	1.00	687.5		687.5				343.7	687.5
LINE	LT/RT	256+87.45		277+22.17	2,034.7	6.0	2.00	2,034.7	2,034.7	2,034.7	2,034.7			2,034.7	4,069.4
LINE	RT	277+22.17		288+60.04	1,137.9	6.0	1.00	1,137.9		1,137.9				568.9	1,137.9
SUB TOTAL RAMP F =								3,860.0	2,034.7	3,860.0	2,034.7			2,947.4	5,894.7
<b>AUXILLARY LANES</b>															
LINE	RT	586+10.00	US-36 EB	591+35.00	525.0	6.0	1.00	525.0				525.0		262.5	525.0
LINE	RT	591+35.00	US-36 EB	598+08.77	673.8	6.0	1.00	673.8		673.8				336.885	673.8
LINE	LT	386+70.14	US-36 WB	392+19.00	548.9	6.0	1.00	548.9				548.9		274.4	548.9
LINE	LT	877+83.74	US-51 SB	882+32.40	448.7	6.0	1.00	448.7		448.7				224.3	448.7
SUB TOTAL AUXILLARY LANES =								2,196.3		1,122.4		1,073.9		1,098.1	2,196.3

SD = SKIP DASH

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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 15 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	25
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
		ILLINOIS	FED. AID PROJECT	

## SCHEDULE OF QUANTITIES

LINE/SD	LOCATION	STATIONING		LENGTH (FEET)	STRIPE WIDTH (INCH)	NUMBER OF STRIPE	8" PAVEMENT MARKING			PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	GROOVING FOR RECESSED PAVEMENT MARKING 9" (FOOT)						
		FROM	TO				TEMPORARY PAVEMENT MARKING - LINE 8" WHITE (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" WHITE (FOOT)	MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WHITE (FOOT)								
		<b>US-36 EB</b>															
		LINE	GORE				567+39.38		570+79.18			339.8	8.0	1.00	339.8	339.8	
LINE	GORE	586+10.00		587+09.97	100.0	8.0	1.00	100.0	100.0		66.6	100.0					
LINE	GORE	587+09.97		590+37.15	327.2	8.0	1.00	327.2		327.2	218.1	327.2					
LINE	GORE	590+37.15		591+59.91	122.8	8.0	1.00	122.8	122.8		81.8	122.8					
LINE	GORE	602+07.93		605+94.12	386.2	8.0	1.00	386.2	386.2		257.5	386.2					
<b>US-36 WB</b>																	
LINE	GORE	383+75.13		385+14.92	139.8	8.0	1.00	139.8	139.8		93.2	139.8					
LINE	GORE	390+00.00		390+90.88	90.9	8.0	1.00	90.9		90.9	60.6	90.9					
LINE	GORE	390+90.88		393+95.79	304.9	8.0	1.00	304.9	304.9		203.3	304.9					
LINE	GORE	606+90.60		610+61.98	371.4	8.0	1.00	371.4	371.4		247.6	371.4					
SUB TOTAL US-36 =								2,182.9	1,764.8	418.1	1,455.2	2,182.9					
<b>US 51 NB</b>																	
LINE	GORE	762+86.68		765+86.08	299.4	8.0	1.00	299.4	299.4		199.6	299.4					
POT STA. 765+86.08 (CL US-51) = POT STA. 765+86.08 (US-51 NB)																	
LINE	GORE	765+86.08		766+72.37	86.3	8.0	1.00	86.3	86.3		57.5	86.3					
LINE	GORE	779+22.05		781+65.90	243.8	8.0	1.00	243.8	243.8		162.6	243.8					
LINE	GORE	794+24.05		798+99.07	475.0	8.0	1.00	475.0	475.0		316.7	475.0					
<b>US-51 SB</b>																	
LINE	GORE	761+99.42		765+86.08	386.7	8.0	1.00	386.7	386.7		257.8	386.7					
POT STA. 765+86.08 (CL US-51) = POT STA. 865+86.08 (US-51 SB)																	
LINE	GORE	865+86.08		866+05.49	19.4	8.0	1.00	19.4	19.4		12.9	19.4					
LINE	GORE	875+66.13		877+40.34	174.2	8.0	1.00	174.2	174.2		116.1	174.2					
LINE	GORE	879+97.22		883+22.95	325.7	8.0	1.00	325.7	325.7		217.2	325.7					
SUB TOTAL US-51 =								2,010.6	2,010.6		1,340.4	2,010.6					
<b>RAMP A</b>																	
LINE	GORE	3+02.66		6+42.58	339.9	8.0	1.00	339.9	339.9		226.6	339.9					
LINE	GORE	29+57.21		33+61.24	404.0	8.0	1.00	404.0	404.0		269.4	404.0					
SUB TOTAL RAMP A =								744.0	744.0		496.0	744.0					
<b>LOOP B</b>																	
LINE	GORE	50+41.46		52+13.30	171.8	8.0	1.00	171.8	171.8		114.6	171.8					
LINE	GORE	586+10.00	US-36 EB	587+09.97	100.0	8.0	1.00	100.0	100.0		66.6	100.0					
LINE	GORE	587+09.97	US-36 EB	590+37.15	327.2	8.0	1.00	327.2		327.2	218.1	327.2					
LINE	GORE	590+37.15	US-36 EB	591+59.91	122.8	8.0	1.00	122.8	122.8		81.8	122.8					
SUB TOTAL LOOP B =								721.8	394.6	327.2	481.2	721.8					
<b>LOOP C</b>																	
LINE	GORE	101+15.50		102+66.82	151.3	8.0	1.00	151.3	151.3		100.9	151.3					
LINE	GORE	114+15.03		115+02.18	87.1	8.0	1.00	87.1	87.1		58.1	87.1					
LINE	GORE	882+32.43	US-36 WB	879+97.22	235.2	8.0	1.00	235.2	235.2		156.8	235.2					
SUB TOTAL LOOP C =								473.7		473.7	315.8	473.7					
<b>LOOP D</b>																	
LINE	GORE	779+22.05	US-51 NB	781+65.90	243.8	8.0	1.00	243.8	243.8		162.6	243.8					
LINE	GORE	162+81.93		163+78.35	96.4	8.0	1.00	96.4	96.4		64.3	96.4					
LINE	GORE	392+94.28	US-36 WB	390+90.88	203.4	8.0	1.00	203.4	203.4		135.6	203.4					
LINE	GORE	390+90.88	US-36 WB	390+00.00	90.9	8.0	1.00	90.9		90.9	60.6	90.9					
SUB TOTAL LOOP D =								634.5	543.7	90.9	423.0	634.5					
<b>RAMP E</b>																	
LINE	GORE	203+02.48		206+73.80	371.3	8.0	1.00	371.3	371.3		247.5	371.3					
LINE	GORE	224+11.38		228+84.30	472.9	8.0	1.00	472.9	472.9		315.3	472.9					
SUB TOTAL RAMP E =								844.2	844.2		562.8	844.2					
<b>RAMP F</b>																	
LINE	GORE	253+02.80		256+87.45	384.7	8.0	1.00	384.7	384.7		256.4	384.7					
LINE	GORE	277+22.17		281+10.56	388.4	8.0	1.00	388.4	388.4		258.9	388.4					
SUB TOTAL RAMP F =								773.0	773.0		515.4	773.0					

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# SCHEDULE OF QUANTITIES

AGGREGATE SHOULDERS							
DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)
US-36 EB DL							
DL	557+93.79		564+36.29	2.00	642.50	142.8	17.3
DL	570+79.18		586+10.47	2.00	1,531.29	340.3	41.2
PAVING OMISSION - S.N. 058-0107							
DL	591+35.00		602+07.93	2.00	1,072.93	238.4	28.9
DL	613+43.77		613+93.77	2.00	50.00	11.1	1.3
DL	613+93.77		617+50.00	2.00	356.23	79.2	9.6
US-36 EB PL							
PL	557+93.79		586+10.47	2.00	2,816.68	625.9	75.8
PAVING OMISSION - S.N. 058-0107							
PL	591+35.00		604+58.92	2.00	1,323.92	294.2	35.6
POT STA. 604+58.92 (US-36 EB SPUR) = POT STA. 604+59.36 (US 36 CL)							
PL	604+59.36		617+50.00	2.00	1,290.64	286.8	34.7
SUB-TOTAL US-36 EB							244.5
US-36 WB DL							
DL	367+90.00		375+03.06	2.00	713.06	158.5	19.2
STRUCTURE OMISSION S.N. 058-0066							
DL	375+72.81		383+70.20	2.00	797.39	177.2	21.5
PAVING OMISSION - S.N. 058-0106							
DL	394+06.62		404+55.36	2.00	1,048.74	233.1	28.2
POT STA. 404+55.36 (US-36 WB SPUR) = POT STA. 604+59.36 (US 36 CL)							
DL	604+59.36		606+90.60	2.00	231.24	51.4	6.2
DL	613+65.46		617+50.00	2.00	384.54	85.5	10.4
US-36 WB PL							
PL	367+64.42		374+40.00	2.00	675.58	150.1	18.2
STRUCTURE OMISSION S.N. 058-0066							
PL	375+13.37		386+34.57	2.00	1,121.20	249.2	30.2
PAVING OMISSION - S.N. 058-0106							
PL	392+19.00		404+55.36	2.00	1,236.36	274.7	33.3
POT STA. 404+55.36 (US-36 WB SPUR) = POT STA. 604+59.36 (US 36 CL)							
PL	604+59.36		617+50.00	2.00	1,290.64	286.8	34.7
SUB-TOTAL US-36 WB							201.8

AGGREGATE SHOULDERS							
DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)
US-51 NB DL							
DL	366+27.50		383+96.31	2.00	1,768.81	393.1	47.6
POT STA. 383+96.31 = POT STA. 752+00.00							
DL	752+00.00		753+43.82	2.00	143.82	32.0	3.9
STRUCTURE OMISSION S.N. 058-0100							
DL	753+86.48		759+83.46	2.00	596.98	132.7	16.1
DL	766+72.37		775+36.59	2.00	864.22	192.0	23.3
DL	775+36.59		775+85.69	5.10	49.10	27.8	3.4
DL	775+85.69		776+07.23	8.20	21.54	19.6	2.4
DL	781+65.90		781+99.34	1.00	33.44	3.7	0.5
DL	781+99.34		794+24.05	2.00	1,224.71	272.2	33.0
US-51 NB PL							
PL	366+27.50		372+44.48	2.00	616.98	137.1	16.6
PL	372+97.80		374+48.18	2.00	150.38	33.4	4.0
PL	376+88.96		381+10.89	2.00	421.93	93.8	11.4
PL	383+51.33		383+96.31	2.00	44.98	10.0	1.2
POT STA. 383+96.31 = POT STA. 752+00.00							
PL	752+00.00		765+86.08	2.00	1,386.08	308.0	37.3
POT STA. 765+86.08 (CL US-51) = POT STA. 765+86.08 (US-51 NB)							
PL	765+86.08		802+77.00	2.00	3,690.92	820.2	99.3
SUB-TOTAL US-51 NB							299.8
US-51 SB DL							
DL	366+27.50		383+96.31	2.00	1,768.81	393.1	47.6
POT STA. 383+96.31 = POT STA. 752+00.00							
DL	752+00.00		753+72.04	2.00	172.04	38.2	4.6
STRUCTURE OMISSION S.N. 058-0100							
DL	754+14.69		754+50.00	2.00	35.31	7.8	1.0
DL	866+05.49		875+87.92	2.00	982.43	218.3	26.4
DL	883+22.95		891+66.76	2.00	843.81	187.5	22.7
STRUCTURE OMISSION S.N. 058-0066							
DL	892+31.07		898+95.18	2.00	664.11	147.6	17.9
US-51 SB PL							
PL	366+27.50		372+41.73	2.00	614.23	136.5	16.5
PL	372+99.23		374+48.19	2.00	148.96	33.1	4.0
PL	376+69.42		381+11.33	2.00	441.91	98.2	11.9
PL	383+51.33		383+96.31	2.00	44.98	10.0	1.2
POT STA. 383+96.31 = POT STA. 752+00.00							
PL	752+00.00		765+86.08	2.00	1,386.08	308.0	37.3
POT STA. 765+86.08 (CL US-51) = POT STA. 865+86.08 (US-51 SB)							
PL	865+86.08		892+18.86	2.00	2,632.78	585.1	70.9
STRUCTURE OMISSION S.N. 058-0066							
PL	892+88.22		898+95.18	2.00	606.96	134.9	16.3
SUB-TOTAL US-51 SB							278.4

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET 19 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	29
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

AGGREGATE SHOULDERS							
DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)
RAMP A - RT							
RT	0+00.00		41+10.51	2.00	4,110.51	913.4	110.6
RAMP A - LT							
LT	6+42.58		29+33.39	2.00	2,290.81	509.1	61.7
SUB-TOTAL RAMP A							172.3
LOOP B RT							
RT	49+98.58		66+46.04	2.00	1,647.46	366.1	44.3
LOOP B LT							
LT	52+27.84		66+46.04	2.00	1,418.20	315.2	38.2
SUB-TOTAL LOOP B							82.5
LOOP C RT							
RT	100+15.74		115+02.18	2.00	1,486.44	330.3	40.0
LOOP C LT							
LT	102+79.37		113+97.89	2.00	1,118.52	248.6	30.1
SUB-TOTAL LOOP C							70.1
LOOP D RT							
RT	150+00.00		164+54.33	2.00	1,454.33	323.2	39.1
LOOP D LT							
LT	150+00.00		162+62.20	2.00	1,262.20	280.5	34.0
SUB-TOTAL LOOP D							73.1
RAMP E RT							
RT	200+00.00		200+10.69	3.00	10.69	3.6	0.4
RT	200+10.69		200+45.68	4.00	34.99	15.6	1.9
RT	200+45.68		200+70.65	3.00	24.97	8.3	1.0
RT	200+70.65		233+60.94	2.00	3,290.29	731.2	88.6
RAMP E LT							
LT	206+73.80		223+99.36	2.00	1,725.56	383.5	46.4
SUB-TOTAL RAMP E							138.3
RAMP F RT							
RT	250+00.00		273+59.82	2.00	2,359.82	524.4	63.5
RT	273+59.82		273+73.44	3.00	13.62	4.5	0.5
RT	273+73.44		274+08.44	4.00	35.00	15.6	1.9
RT	274+08.44		274+33.47	3.00	25.03	8.3	1.0
RT	274+33.47		288+60.04	2.00	1,426.57	317.0	38.4
RAMP F LT							
LT	256+87.45		276+98.16	2.00	2,010.71	446.8	54.1
SUB-TOTAL RAMP F							159.5

AGGREGATE SHOULDERS								
DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)	
GORE AREAS/AUXILLARY LANES								
DL SHLD	877+83.74		US-51 SB	878+80.04	2.00	96.30	21.4	2.6
STRUCTURE OMISSION S.N 058-0106 & 058-0107								
DL SHLD	880+53.04		US-51 SB	882+32.40	2.00	179.36	39.9	4.8
DL SHLD	776+07.23		US-51 NB	777+24.03	8.20	116.80	106.4	12.9
DL SHLD	777+24.03		US-51 NB	777+81.78	5.10	57.75	32.7	4.0
DL SHLD	777+81.78		US-51 NB	778+74.09	2.00	92.31	20.5	2.5
STRUCTURE OMISSION S.N 058-0106 & 058-0107								
DL SHLD	780+44.76		US-51 NB	782+90.40	2.00	242.86	54.0	6.5
LT/RT	372+67.12		US-51 TURN AROUND	373+03.81	2.00	173.74	38.6	4.7
LT/RT	374+48.09		US-51 X-OVER	383+52.77	2.00	2,296.68	510.4	61.8
SUB-TOTAL GORE AREAS/AUX. LANES							99.8	

AGGREGATE SHOULDER, TYPE B SUMMARY	
SUB-TOTAL US-36 EB	244.5
SUB-TOTAL US-36 WB	201.8
SUB-TOTAL US-51 NB	299.8
SUB-TOTAL US-51 SB	278.4
SUB-TOTAL RAMP A	172.3
SUB-TOTAL LOOP B	82.5
SUB-TOTAL LOOP C	70.1
SUB-TOTAL LOOP D	73.1
SUB-TOTAL RAMP E	138.3
SUB-TOTAL RAMP F	159.5
SUB-TOTAL GORE AREAS/AUX. LANES	99.8
GRAND TOTAL =	1,820.2
ROUND TO:	1,821.0

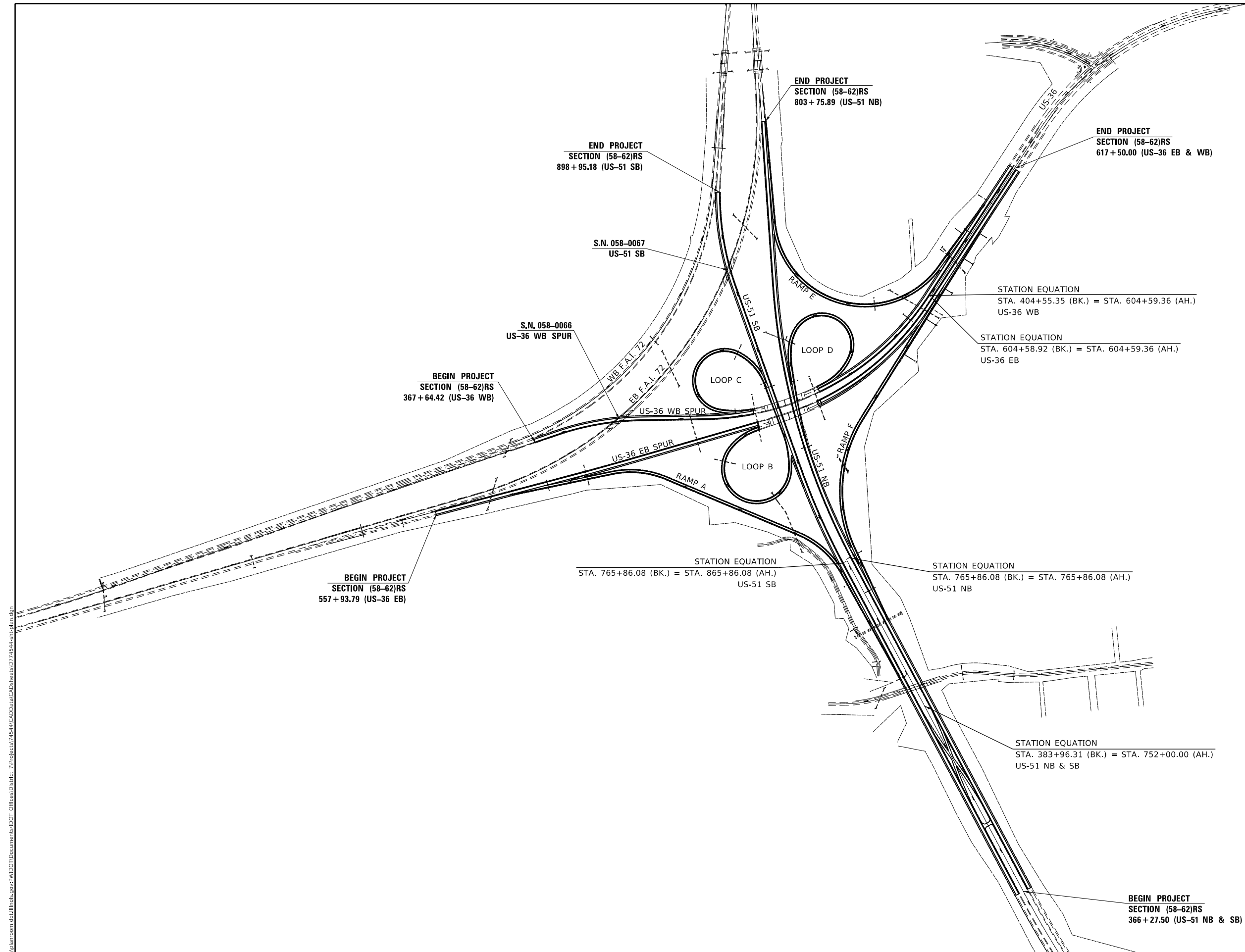
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET 20 OF 20 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	30
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS		FED. AID PROJECT		



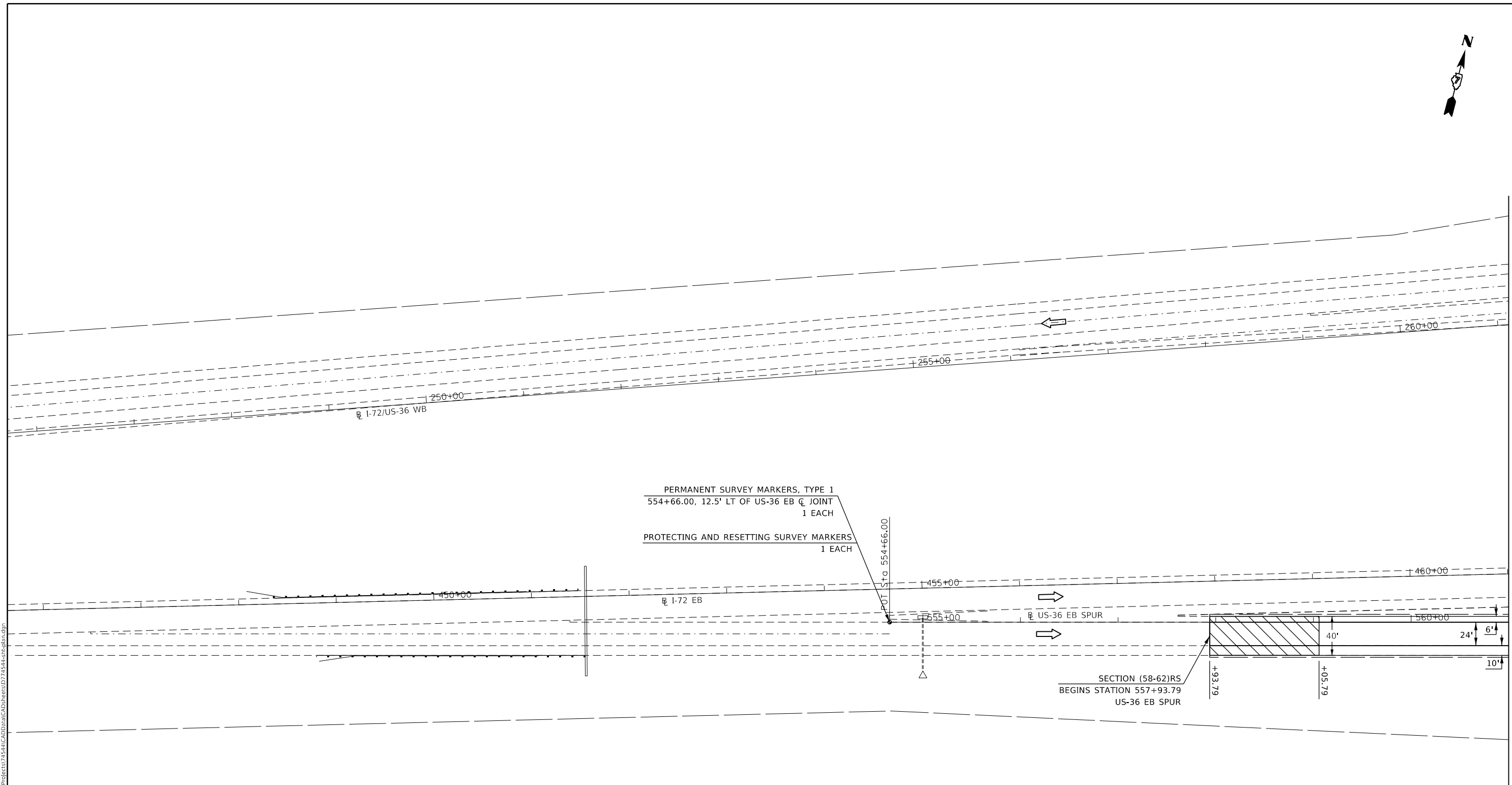
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>KEY MAP</b>			
<b>I-72 /US-36 /US-51 INTERCHANGE</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	31
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



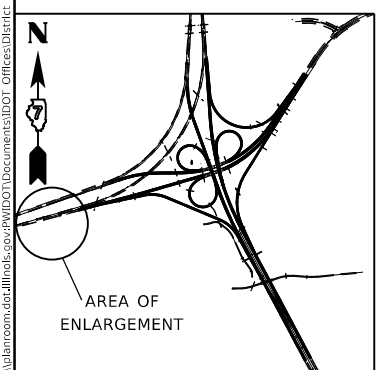
MATCH LINE STATION 561+00.00  
US-36 EB SPUR

PERMANENT SURVEY MARKERS, TYPE 1  
554+66.00, 12.5' LT OF US-36 EB CL JOINT  
1 EACH

PROTECTING AND RESETTING SURVEY MARKERS  
1 EACH

SECTION (58-62)RS  
BEGINS STATION 557+93.79  
US-36 EB SPUR

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HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

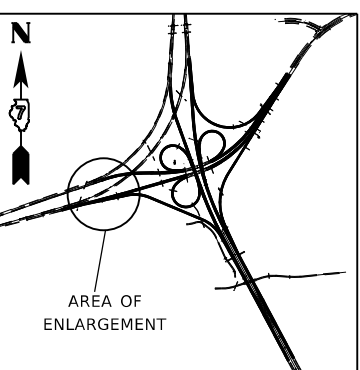
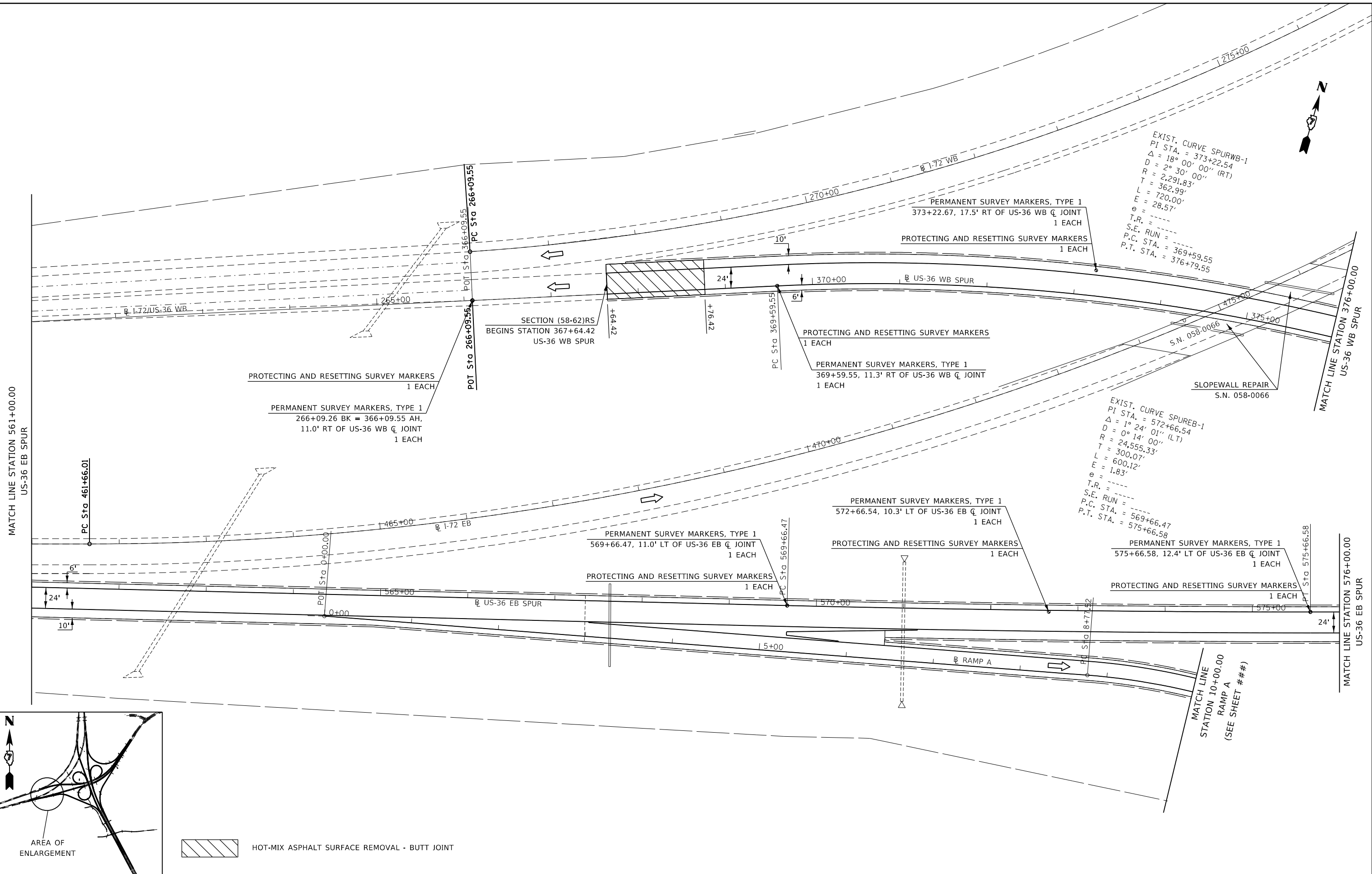
**PLAN SHEETS - US-36**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	32
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



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HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

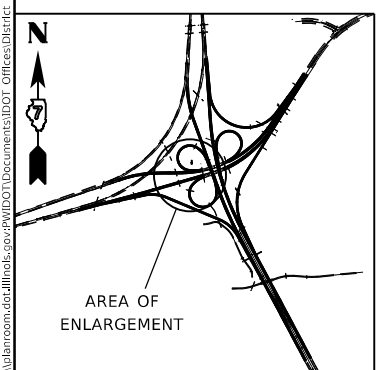
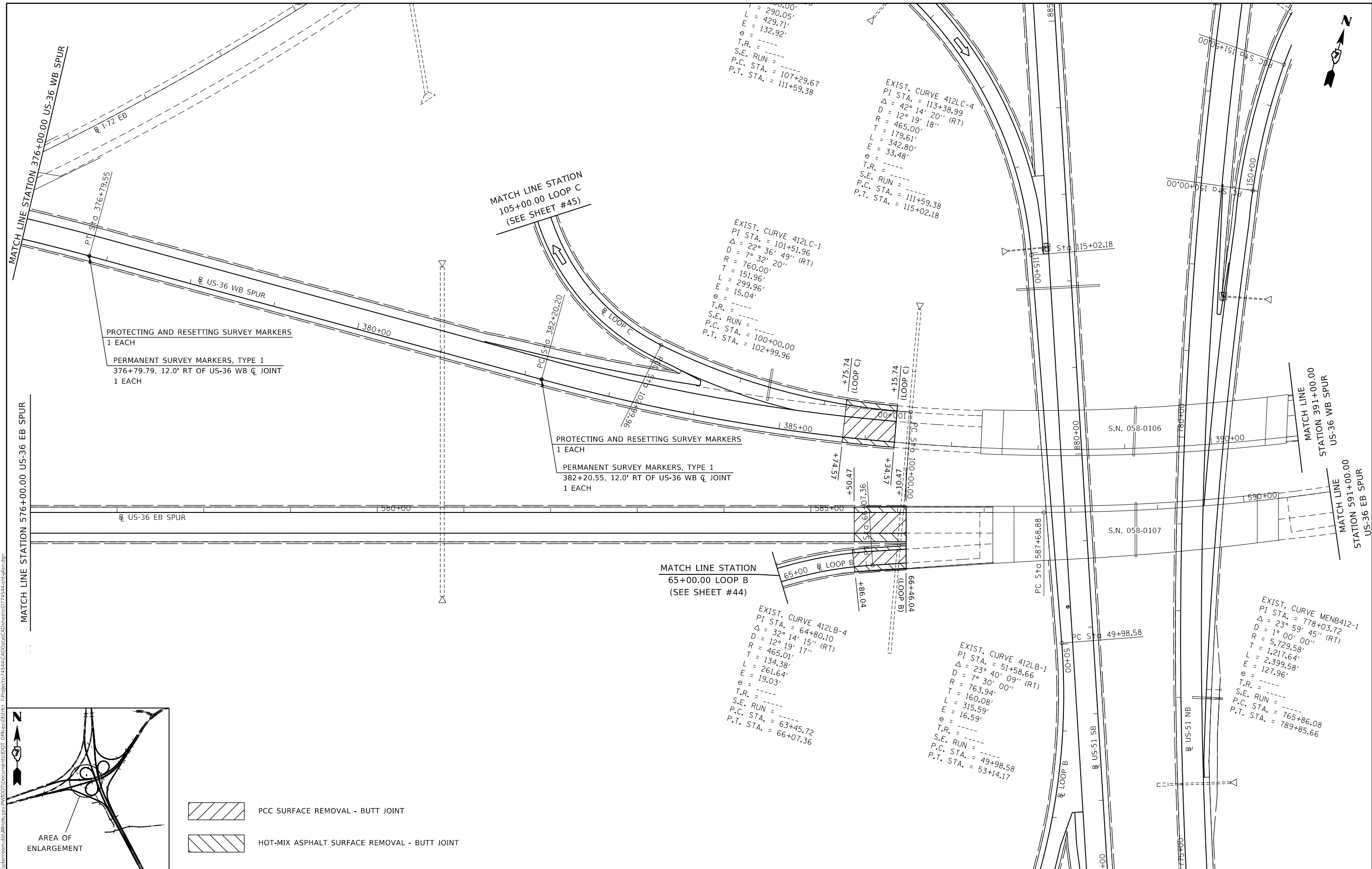
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PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-36**  
 SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	33
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		

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- PCC SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

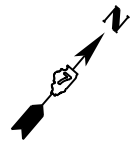
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PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-36**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	34
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



PERMANENT SURVEY MARKERS, TYPE 1  
 404+55.68, 12.6' RT OF US-36 WB C<sub>l</sub> JOINT  
 1 EACH

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

STATION EQUATION:  
 POT STA. 604+58.92 (BK.) = POT STA. 604+59.36 (AH.) (WB)  
 POT STA. 404+55.36 (BK.) = POT STA. 604+59.36 (AH.) (EB)

PERMANENT SURVEY MARKERS, TYPE 1  
 603+94.00, 12.0' LT OF US-36 EB C<sub>l</sub> JOINT  
 1 EACH

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

FRAMES AND GRATES  
 TO BE ADJUSTED  
 1 EACH

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

PERMANENT SURVEY MARKERS, TYPE 1  
 604+59.32, 11.0' LT OF US-36 EB C<sub>l</sub> JOINT  
 1 EACH

PORTLAND CEMENT CONCRETE  
 SHOULDERS, 8"

COMBINATION CONCRETE  
 CURB & GUTTER, TYPE B-6.12

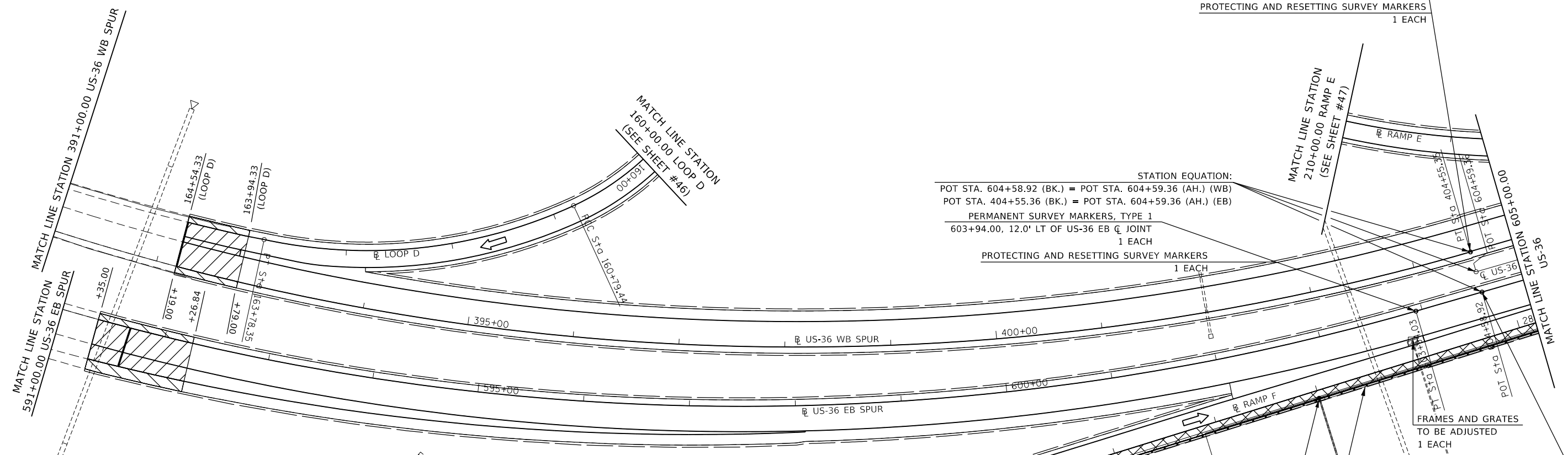
TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH  
 TO BE USED IN LOCALIZED EROSION AREAS  
 BEHIND EXISTING CURB AND GUTTER

MATCH LINE STATION  
 275+00.00 RAMP F  
 (SEE SHEET #48)

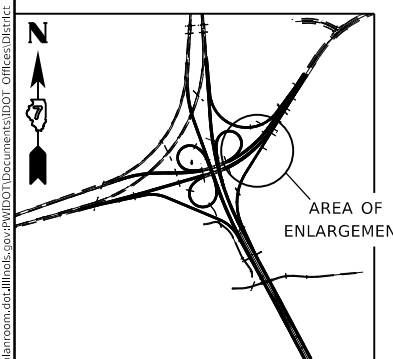
INLET & PIPE DRAIN REPLACEMENT  
 LOCATION 3

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

PERMANENT SURVEY MARKERS, TYPE 1  
 604+59.32, 11.0' LT OF US-36 EB C<sub>l</sub> JOINT  
 1 EACH



EXIST. CURVE SPUREB-2  
 P.I. STA. = 596+17.31  
 P.L. STA. = 40° 37' 44" (L.T.)  
 T.R. = 2,291.83'  
 M.L. = 848.43'  
 S.E. RUN = 1,625.15'  
 T.P. STA. = 152.00'



- PERIMETER EROSION BARRIER
- PAVED SHOULDER REMOVAL
- PCC SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

USER NAME = steffemk	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

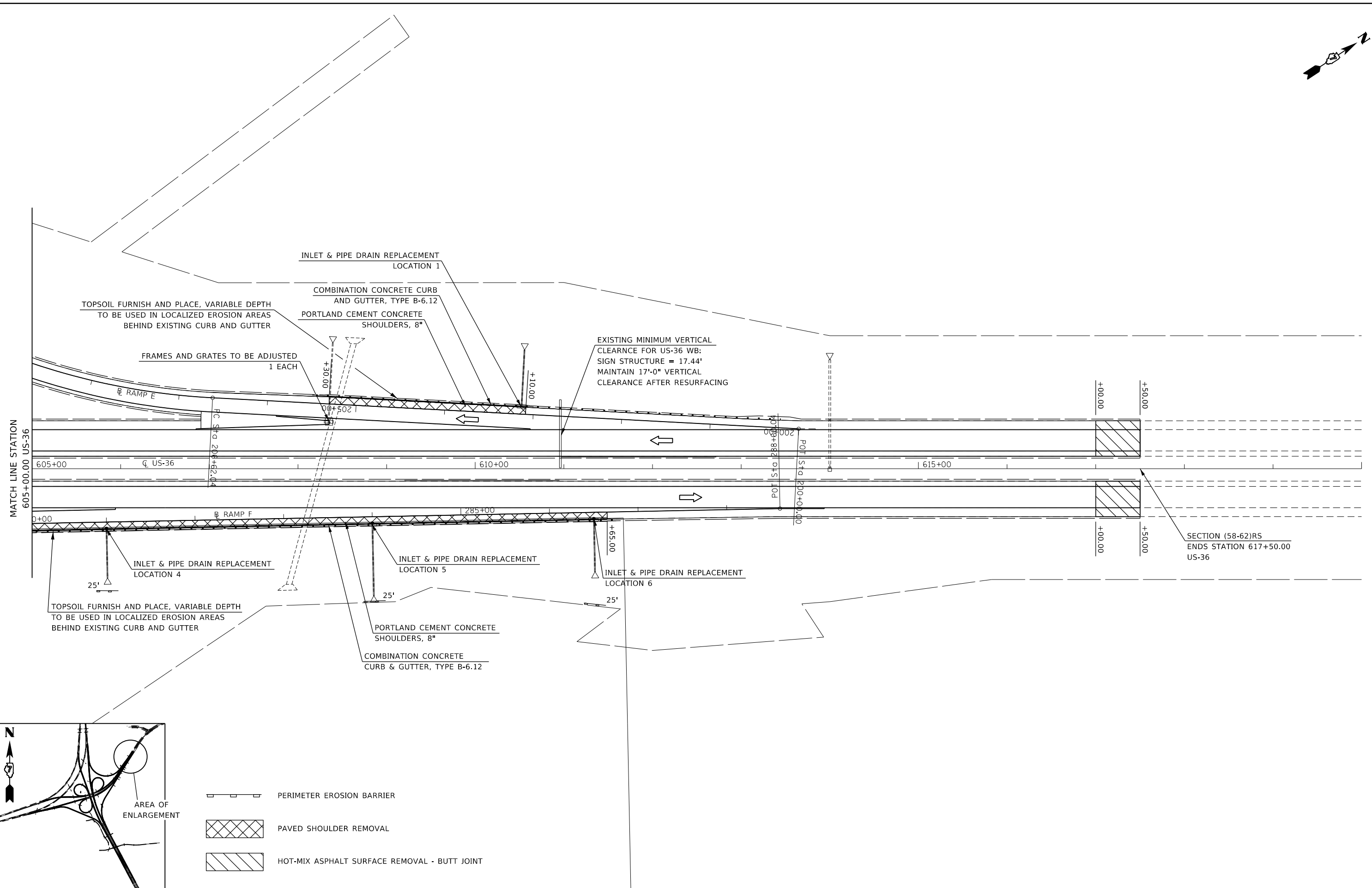
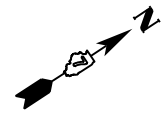
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-36**

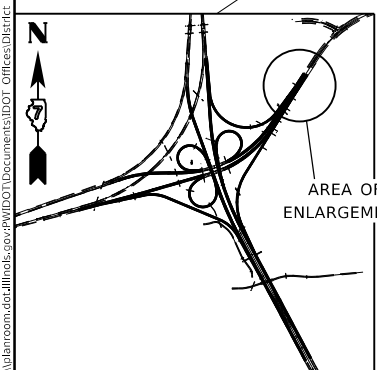
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	35
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74544\CADD\Drawings\DOT\Drawings\DOT - Offices\Drawings\74544\Sheet\plan.dwg



MODEL: Default  
 FILE: Model: Project\p1000000.dwg  
 PROJECT: 74544  
 OFFICE: D:\Projects\74544\CADD\Drawings\74544-58-62-RS.dwg



- PERIMETER EROSION BARRIER
- PAVED SHOULDER REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

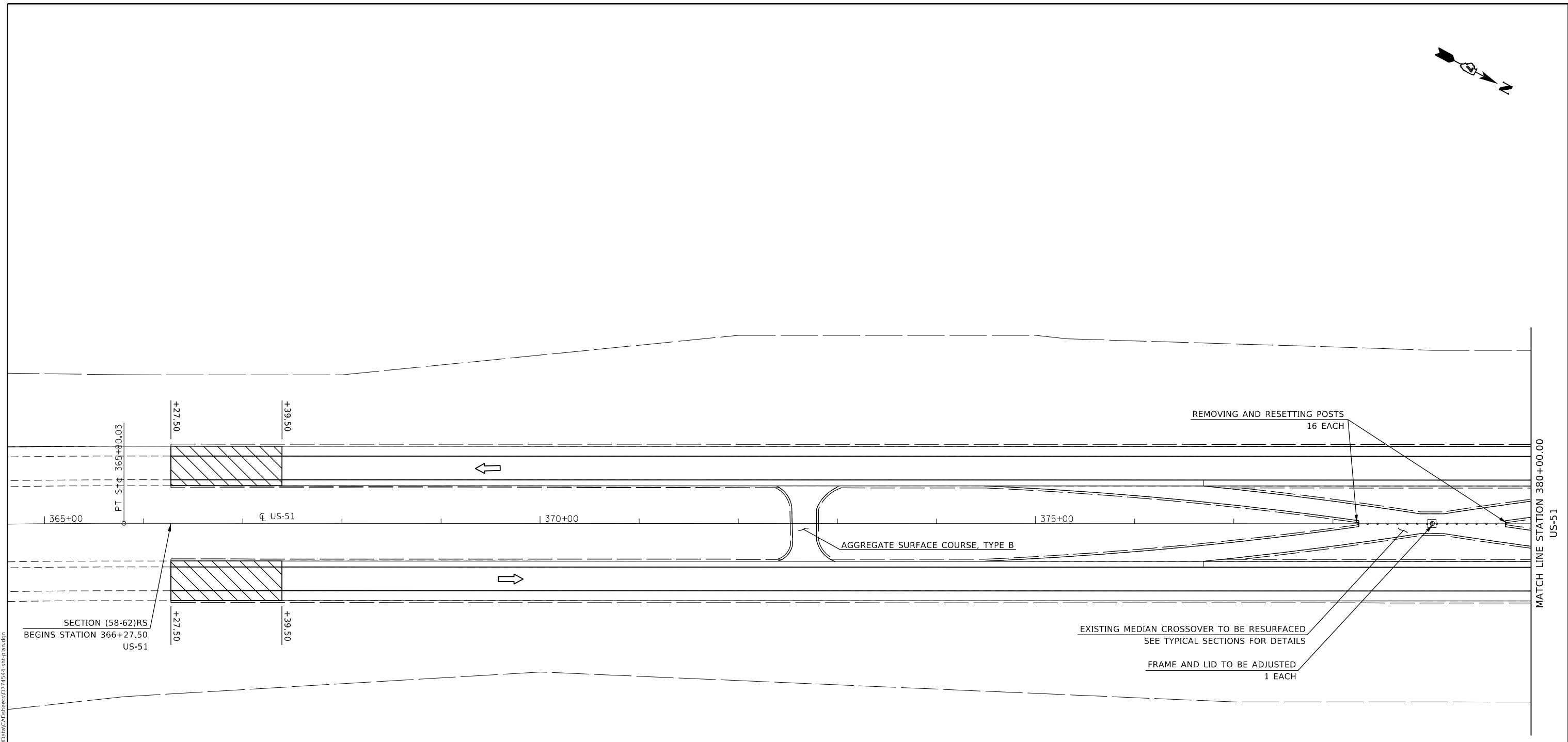
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	DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/10/2020	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-36**

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	36
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

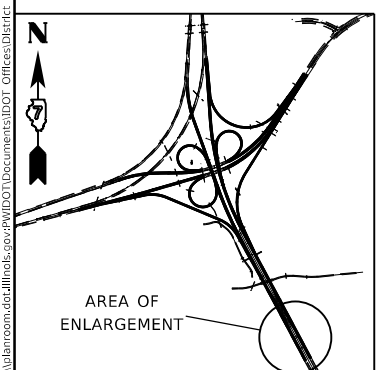


REMOVING AND RESETTNG POSTS  
16 EACH

AGGREGATE SURFACE COURSE, TYPE B

EXISTING MEDIAN CROSSOVER TO BE RESURFACED  
SEE TYPICAL SECTIONS FOR DETAILS

FRAME AND LID TO BE ADJUSTED  
1 EACH



 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

MODEL: Default  
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PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-51**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

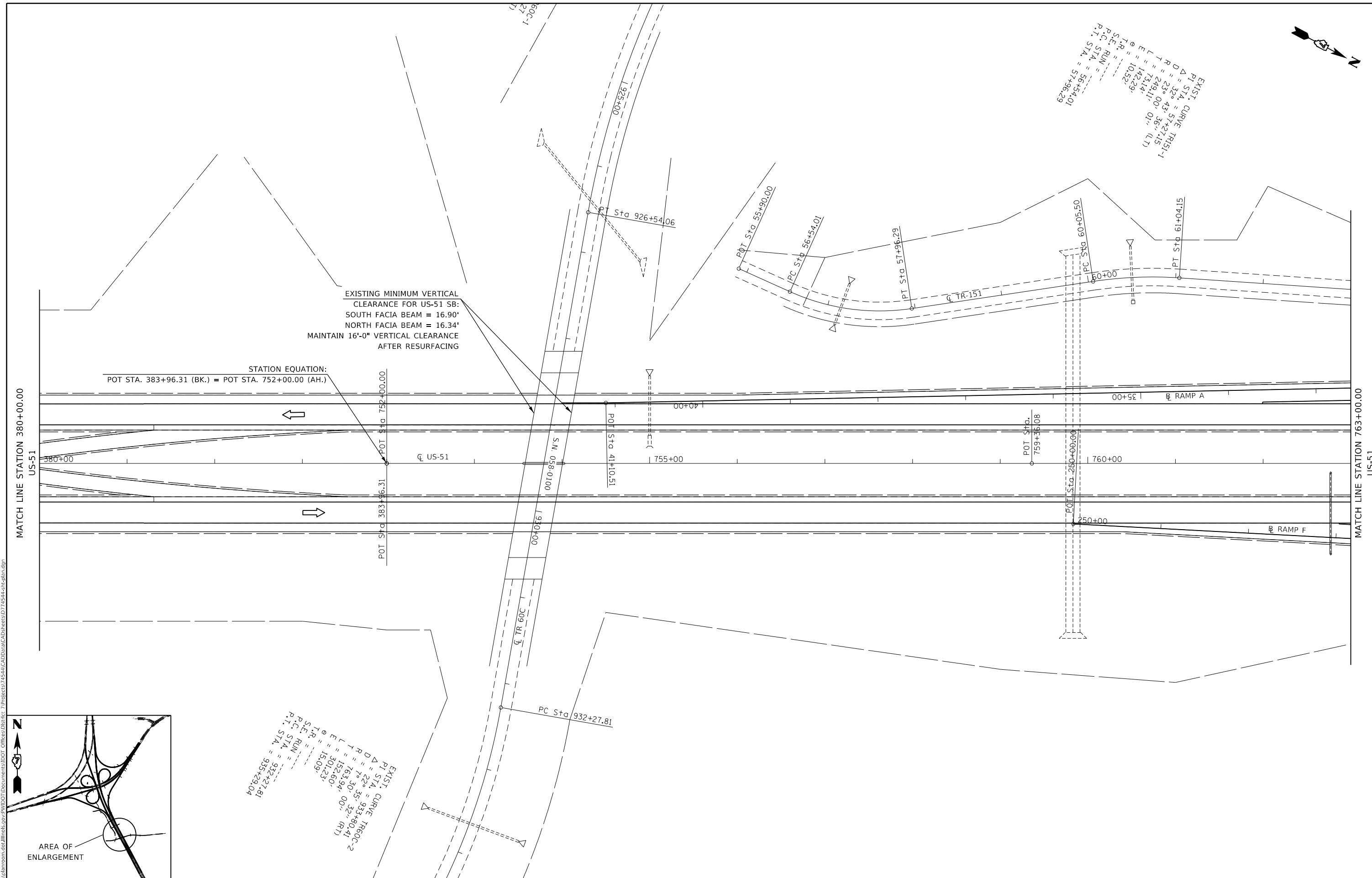
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	37
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE TR151-1  
 Δ = 32°  
 D = 230.00'  
 T = 249.00'  
 L = 142.29'  
 E = 142.29'  
 TR = 10.52'  
 S.E. = 57+96.29'  
 S.C. = 57+96.29'  
 P.C. STA. = 56+44.01  
 P.T. STA. = 57+96.29

EXISTING MINIMUM VERTICAL  
 CLEARANCE FOR US-51 SB:  
 SOUTH FACIA BEAM = 16.90'  
 NORTH FACIA BEAM = 16.34'  
 MAINTAIN 16'-0" VERTICAL CLEARANCE  
 AFTER RESURFACING

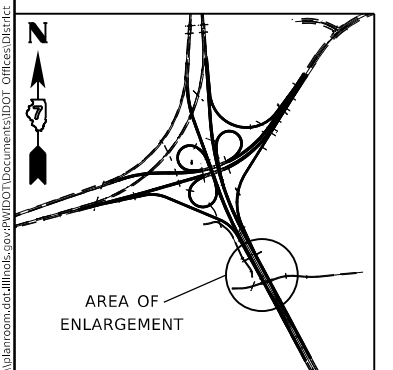
STATION EQUATION:  
 POT STA. 383+96.31 (BK.) = POT STA. 752+00.00 (AH.)



MATCH LINE STATION 380+00.00  
US-51

MATCH LINE STATION 763+00.00  
US-51

EXIST. CURVE TR60C-2  
 Δ = 22°  
 D = 70.30'  
 T = 30.35'  
 L = 152.60'  
 E = 152.60'  
 TR = 15.09'  
 S.E. = 932+27.81'  
 S.C. = 932+27.81'  
 P.C. STA. = 932+27.81  
 P.T. STA. = 935+29.04



MODEL: Default  
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USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS - US-51</b>		
SCALE:	SHEET 2 OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	38
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

R = 12° 19' 15" (RT)  
 L = 465.07'  
 E = 261.64'  
 T.R. = 19.03'  
 S.E. RUN = ---  
 P.C. STA. = 63+45.72  
 P.T. STA. = 66+07.36

EXIST. CURVE 412LB-1  
 ΔI STA. = 51+58.66  
 D = 23° 40' 09" (RT)  
 R = 763.94'  
 L = 160.08'  
 E = 315.59'  
 T.R. = 16.59'  
 S.E. RUN = ---  
 P.C. STA. = 49+98.58  
 P.T. STA. = 53+14.17

EXIST. CURVE MENS412-1  
 ΔI STA. = 78+03.72  
 D = 1° 00' 45" (RT)  
 R = 5,129.58'  
 L = 1,217.64'  
 E = 2,399.58'  
 T.R. = 127.96'  
 S.E. RUN = ---  
 P.C. STA. = 765+86.08  
 P.T. STA. = 789+85.66

EXIST. CURVE MENS412-2  
 ΔI STA. = 870+22.82  
 D = 8° 19' 29" (RT)  
 R = 6,001.30'  
 L = 436.130'  
 E = 871.95'  
 T.R. = 15.87'  
 S.E. RUN = ---  
 P.C. STA. = 865+86.08  
 P.T. STA. = 874+58.03

EXIST. CURVE TR151-2  
 ΔI STA. = 60+55.02  
 D = 12° 19' 50" (RT)  
 R = 458.37'  
 L = 98.51'  
 E = 2.67'  
 T.R. = ---  
 S.E. RUN = ---  
 P.C. STA. = 60+00.00  
 P.T. STA. = 60+00.00

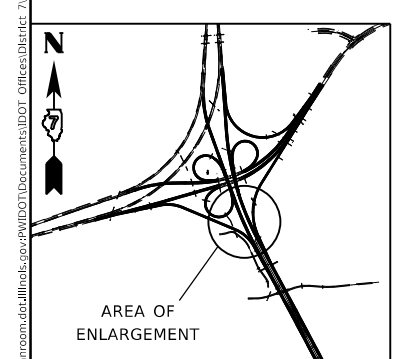
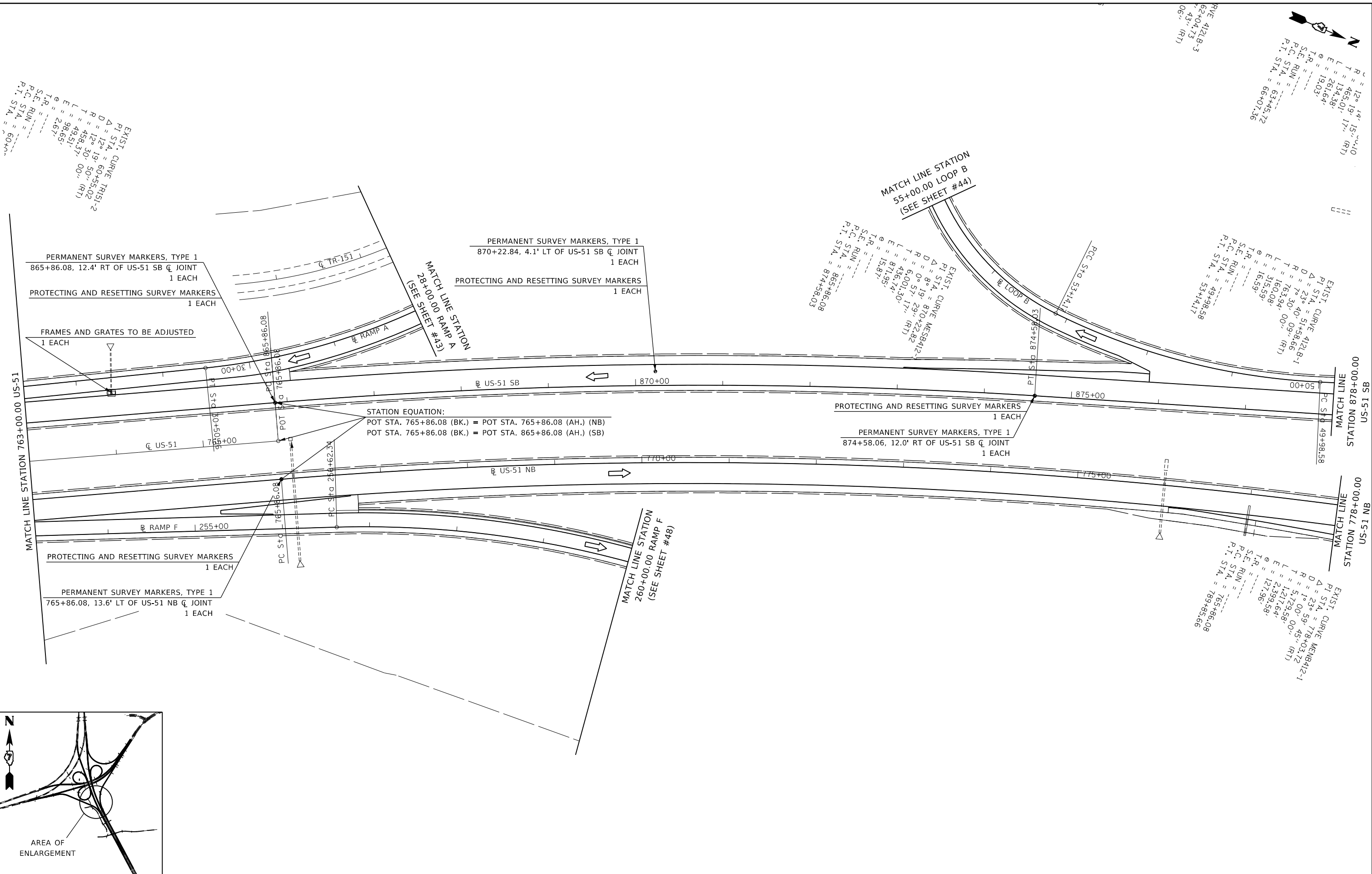
PERMANENT SURVEY MARKERS, TYPE 1  
 865+86.08, 12.4' RT OF US-51 SB C JOINT  
 1 EACH  
 PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

PERMANENT SURVEY MARKERS, TYPE 1  
 870+22.84, 4.1' LT OF US-51 SB C JOINT  
 1 EACH  
 PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH  
 PERMANENT SURVEY MARKERS, TYPE 1  
 874+58.06, 12.0' RT OF US-51 SB C JOINT  
 1 EACH

FRAMES AND GRATES TO BE ADJUSTED  
 1 EACH

STATION EQUATION:  
 POT STA. 765+86.08 (BK.) = POT STA. 765+86.08 (AH.) (NB)  
 POT STA. 765+86.08 (BK.) = POT STA. 865+86.08 (AH.) (SB)



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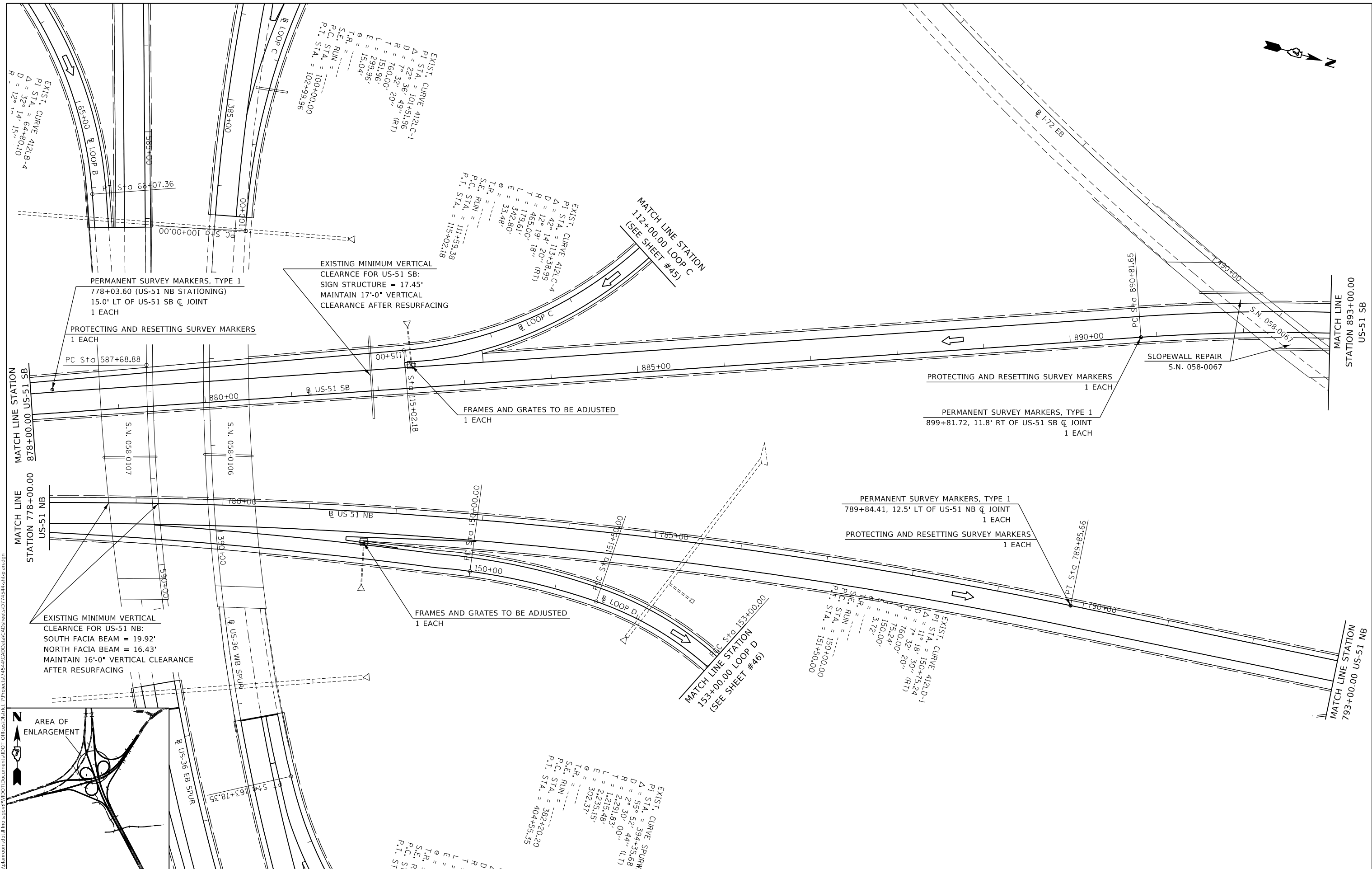
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PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

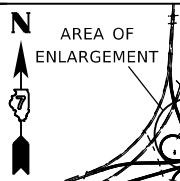
PLAN SHEETS - US-51

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	39
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



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DRAWN -	REVISD -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2020	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS - US-51**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	40
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

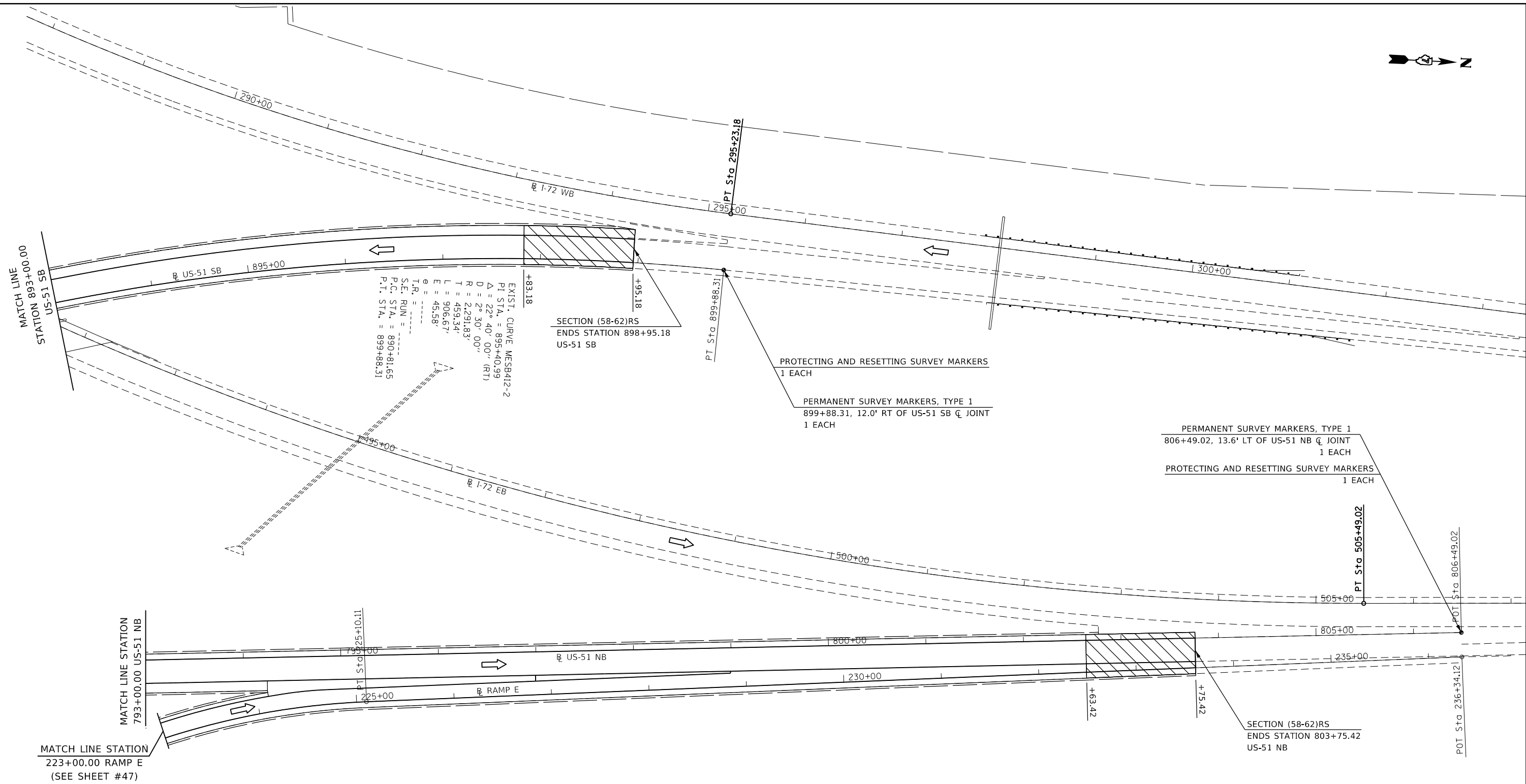
EXIST. CURVE 412L-C-1  
 P.I. STA. = 101+51.96  
 $\Delta = 22^\circ 36' 49''$  (RT)  
 $D = 7^\circ 32' 49''$  (RT)  
 $R = 760.00'$   
 $T = 151.96'$   
 $L = 299.96'$   
 $E = 15.04'$   
 $\theta = 15.04'$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 100+00.00  
 P.T. STA. = 102+99.96

EXIST. CURVE 412L-C-4  
 P.I. STA. = 113+38.99  
 $\Delta = 42^\circ 14' 20''$  (RT)  
 $D = 12^\circ 19' 18''$  (RT)  
 $R = 465.00'$   
 $T = 179.61'$   
 $L = 342.80'$   
 $E = 33.48'$   
 $\theta = 33.48'$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 111+59.38  
 P.T. STA. = 115+02.18

EXIST. CURVE 412LD-1  
 P.I. STA. = 150+75.24  
 $\Delta = 11^\circ 18' 30''$  (RT)  
 $D = 7^\circ 32' 20''$  (RT)  
 $R = 760.00'$   
 $T = 75.24'$   
 $L = 150.00'$   
 $E = 3.72'$   
 $\theta = 3.72'$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 150+00.00  
 P.T. STA. = 151+50.00

EXIST. CURVE SPUR/M  
 P.I. STA. = 394+35.68  
 $\Delta = 55^\circ 52' 44''$  (LT)  
 $D = 2^\circ 30' 00''$  (LT)  
 $R = 2,291.83'$   
 $T = 1,215.48'$   
 $L = 2,235.15'$   
 $E = 302.37'$   
 $\theta = 302.37'$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 382+20.20  
 P.T. STA. = 404+55.35





EXIST. CURVE MESS412-2  
 P.I. STA. = 895+40.99  
 $\Delta = 22^\circ 40' 00''$  (RT)  
 $D = 2^\circ 30' 00''$   
 $R = 2,291.83'$   
 $T = 459.34'$   
 $L = 906.67'$   
 $E = 45.58'$   
 $\theta = 45.58'$   
 S.E. RUN =  
 P.C. STA. = 890+81.65  
 P.T. STA. = 899+88.31

SECTION (58-62)RS  
 ENDS STATION 898+95.18  
 US-51 SB

PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

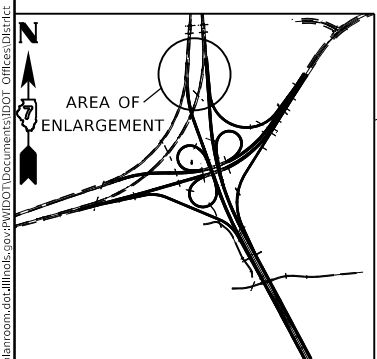
PERMANENT SURVEY MARKERS, TYPE 1  
 899+88.31, 12.0' RT OF US-51 SB  $\bar{C}$  JOINT  
 1 EACH

PERMANENT SURVEY MARKERS, TYPE 1  
 806+49.02, 13.6' LT OF US-51 NB  $\bar{C}$  JOINT  
 1 EACH  
 PROTECTING AND RESETTING SURVEY MARKERS  
 1 EACH

SECTION (58-62)RS  
 ENDS STATION 803+75.42  
 US-51 NB

MATCH LINE STATION  
 793+00.00 US-51 NB

MATCH LINE STATION  
 223+00.00 RAMP E  
 (SEE SHEET #47)



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

MODEL: Default  
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

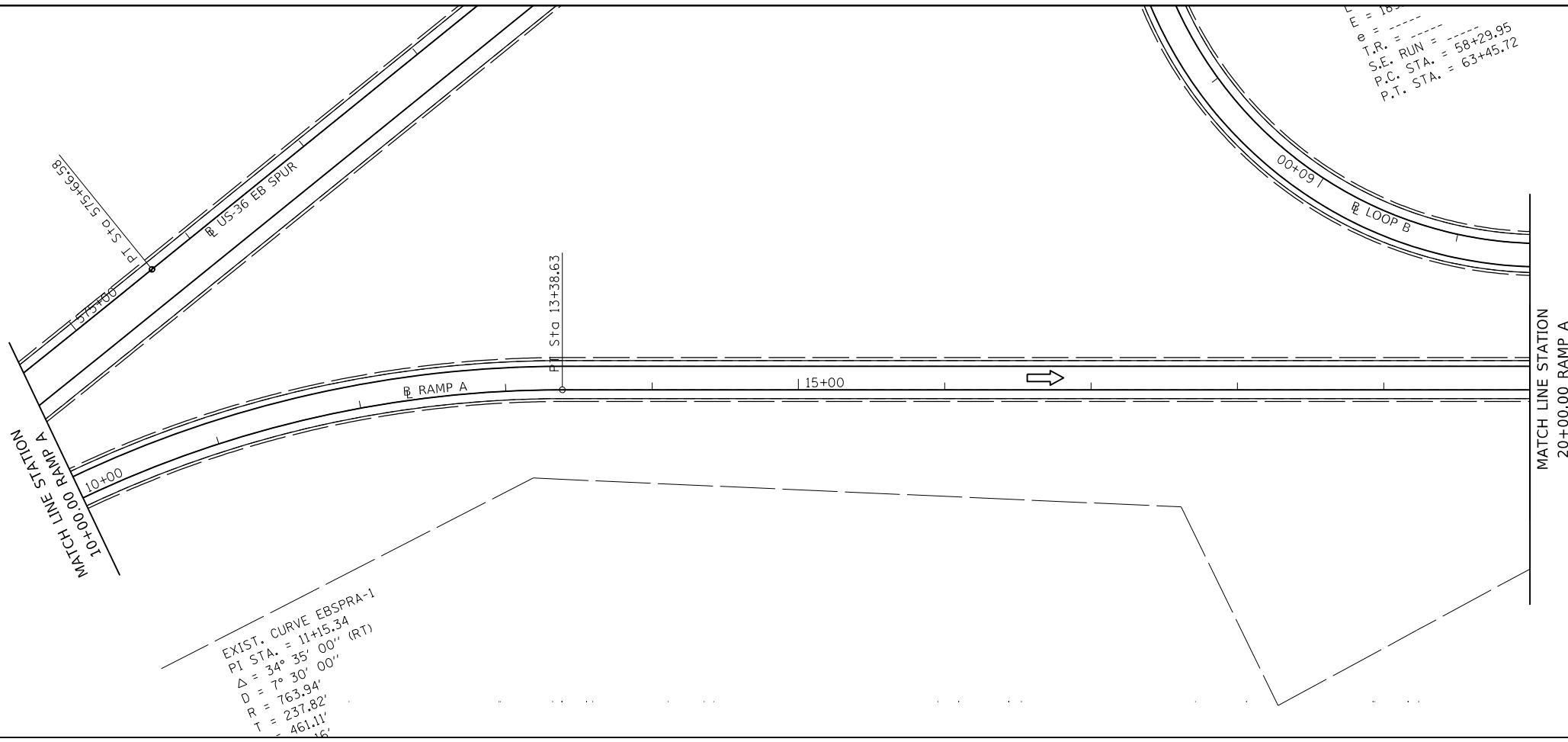
**PLAN SHEETS - US-51**

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

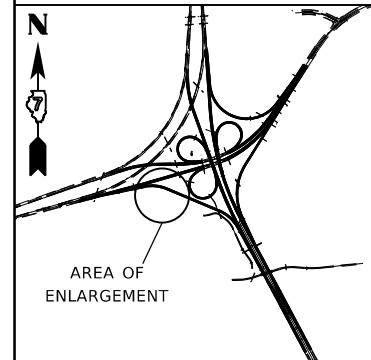
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	41
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



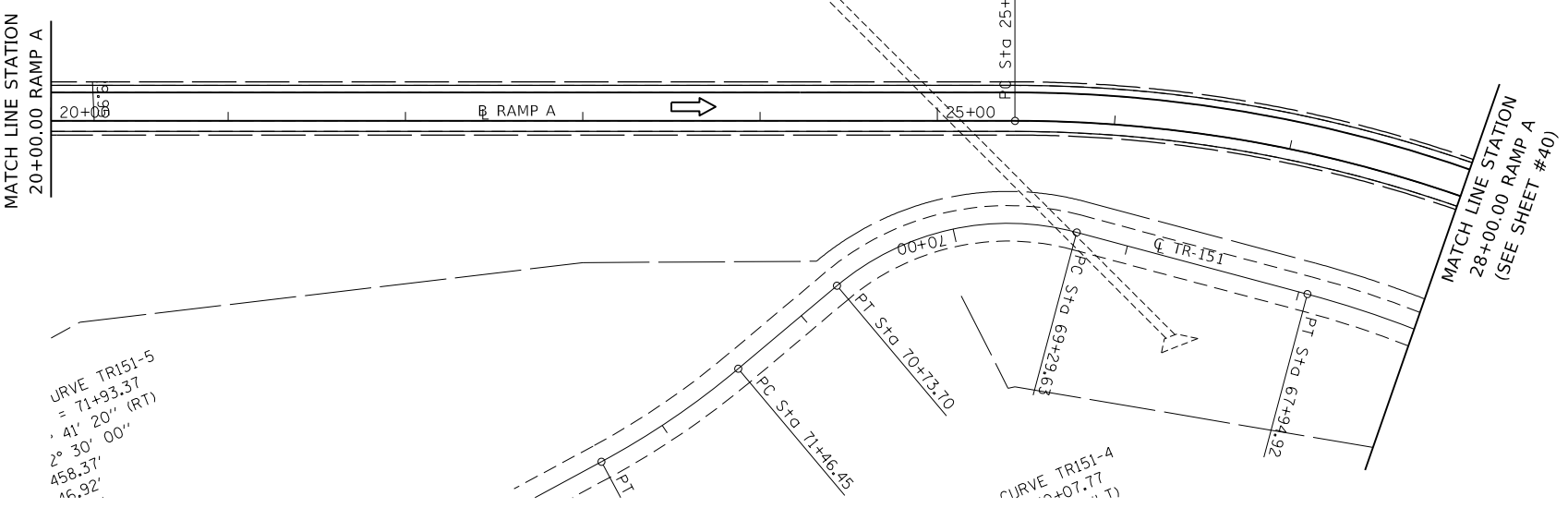
E = 16  
 T.R. = 16  
 S.E. STA. = 58+29.95  
 P.C. STA. = 63+45.72



EXIST. CURVE EBSRA-1  
 PI STA. = 11+15.34  
 $\Delta$  = 34° 35' 00" (RT)  
 D = 7° 30' 00"  
 R = 763.94'  
 T = 237.82'  
 L = 461.11'

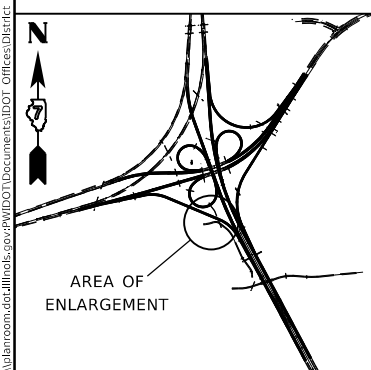


EXIST. CURVE EBSRA-2  
 PI STA. = 28+06.94  
 $\Delta$  = 38° 00' 00" (RT)  
 D = 7° 30' 00"  
 R = 763.94'  
 T = 263.05'  
 L = 506.66'  
 e = 44.02'  
 T.R. = 16  
 S.E. STA. = 25+43.90  
 P.C. STA. = 30+50.56



CURVE TR151-5  
 = 71+93.37  
 $\Delta$  = 41° 20' (RT)  
 D = 2° 30' 00"  
 R = 458.37'  
 T = 16.92'

CURVE TR151-4  
 = 69+07.77  
 $\Delta$  = 40° 00' (RT)



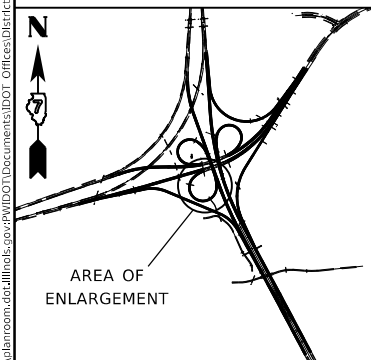
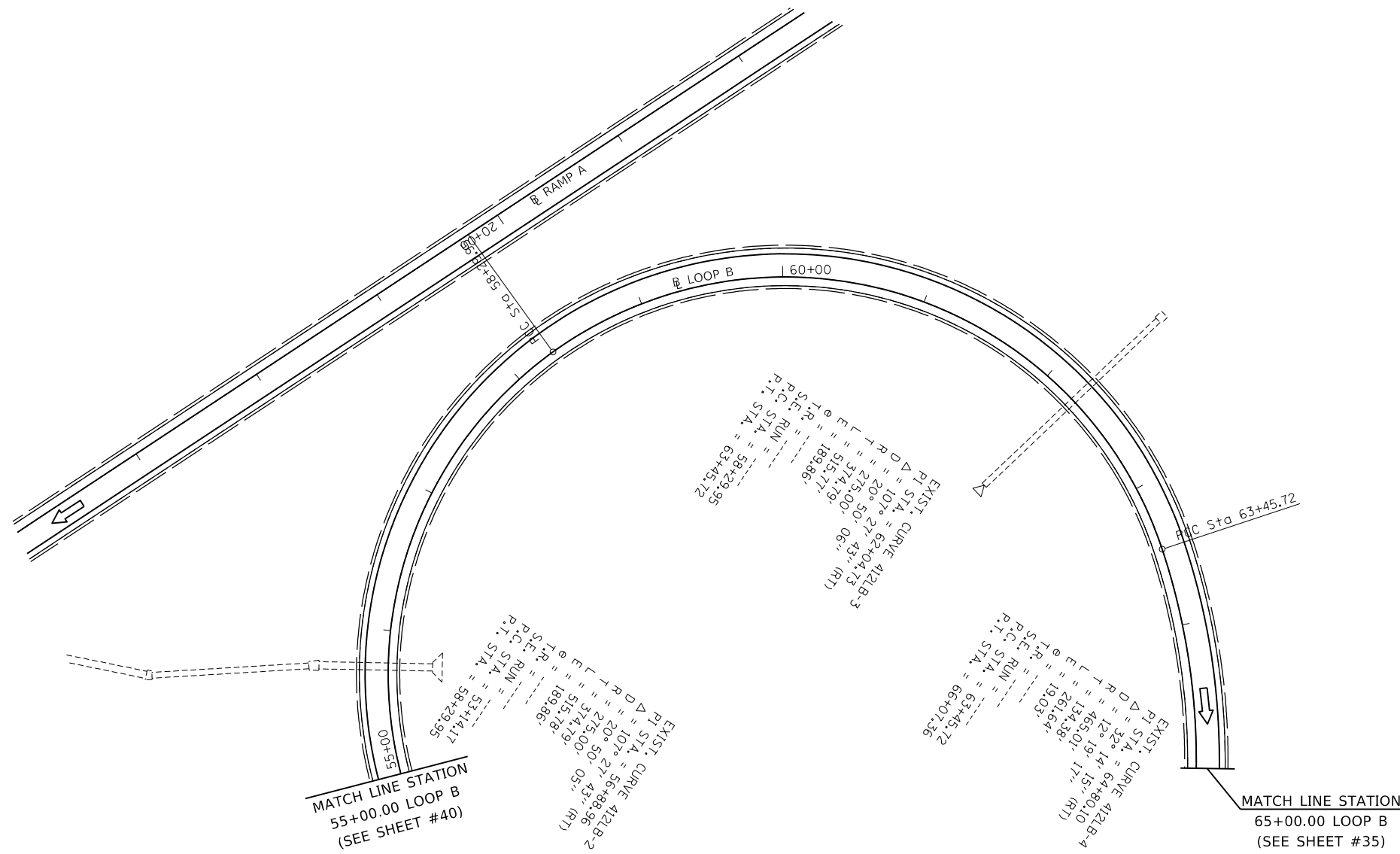
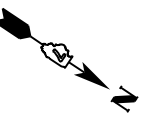
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PLOT DATE = 12/10/2020	DATE -	REVISED -

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

**PLAN SHEET - RAMP A**  
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	42
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS		FED. AID PROJECT		



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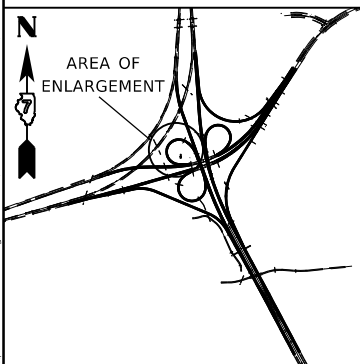
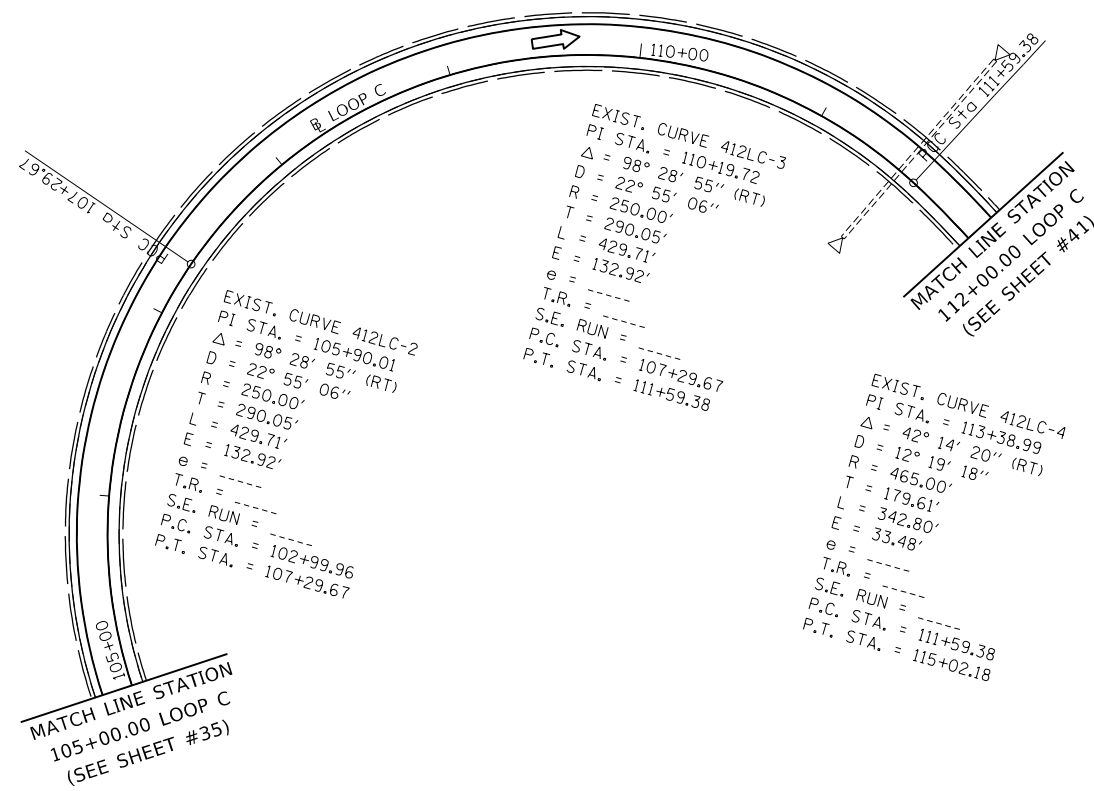
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - LOOP B**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	43
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



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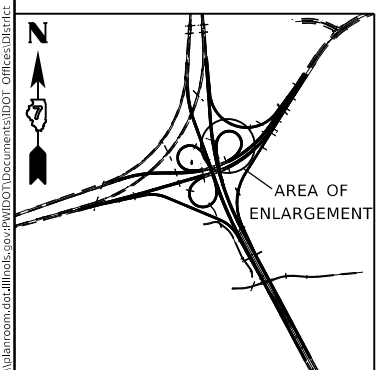
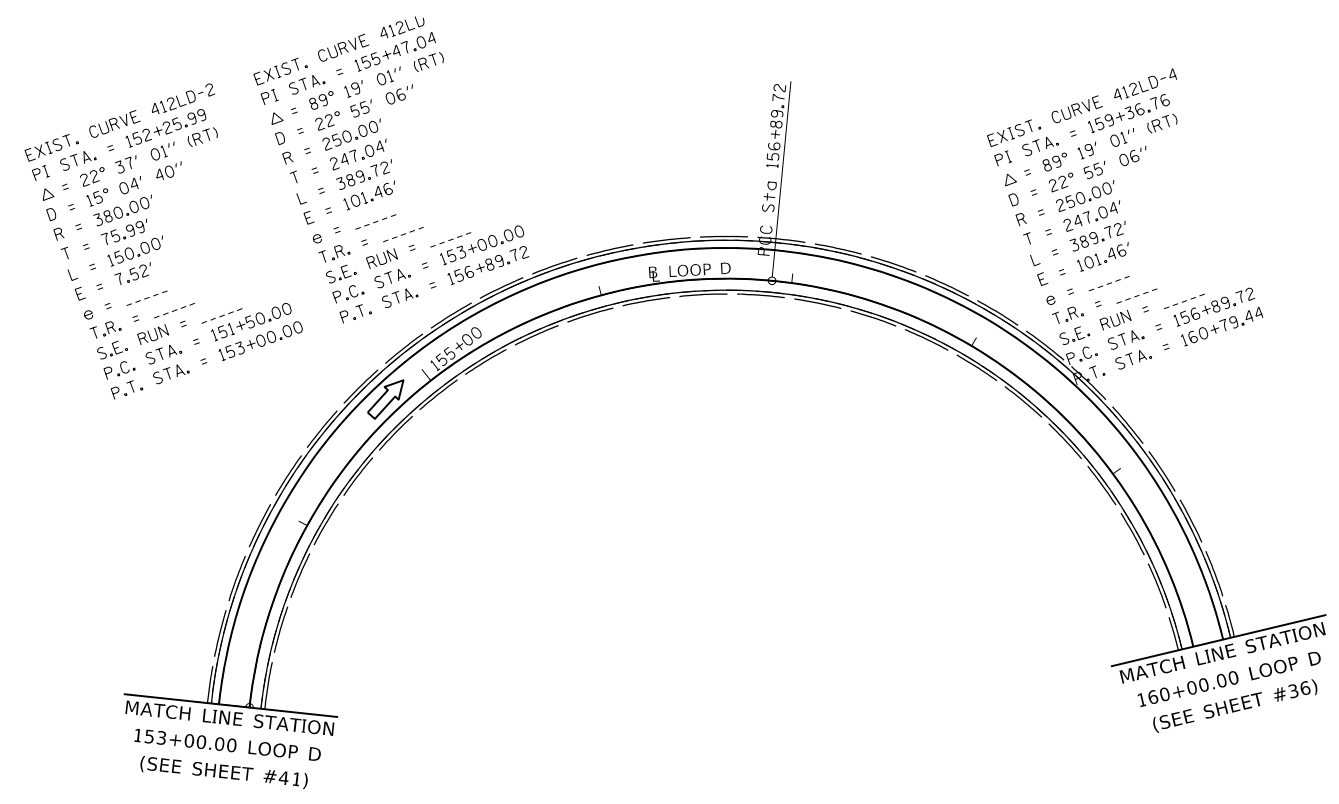
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET - LOOP C

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	44
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		



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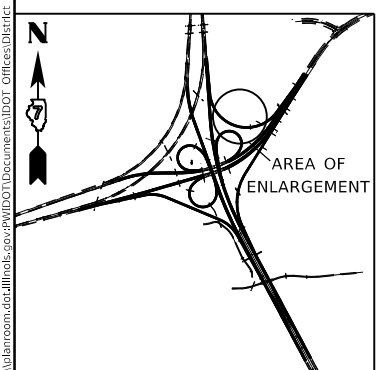
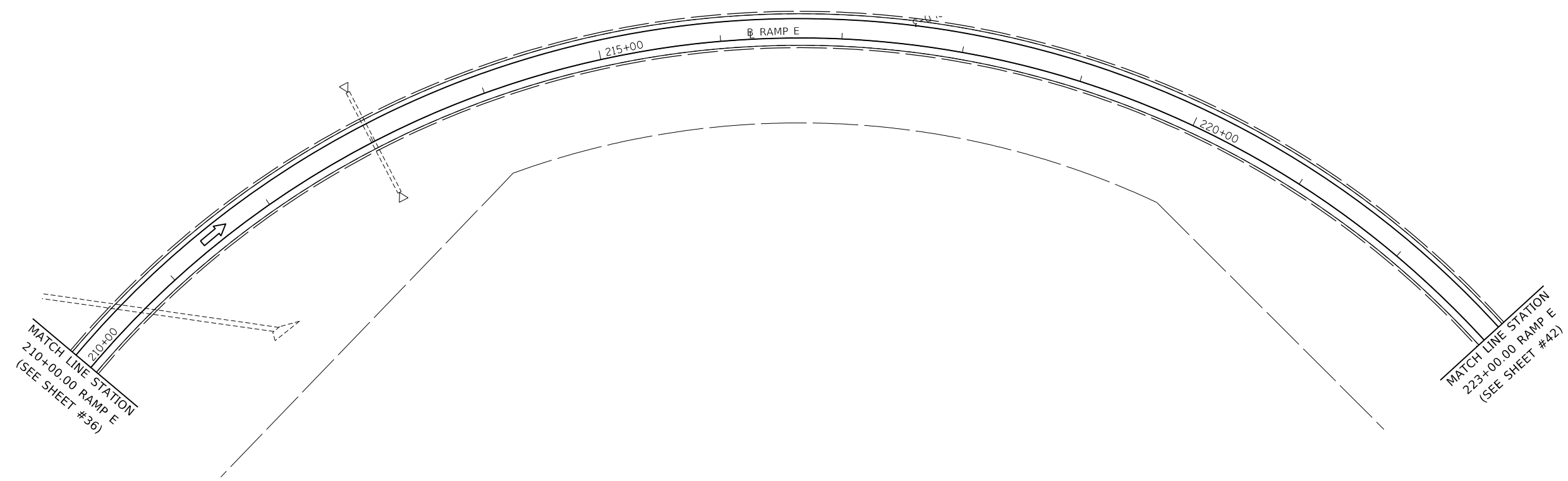
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PLOT DATE = 12/10/2020	DATE -	REVISED -

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

**PLAN SHEET - LOOP D**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	45
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



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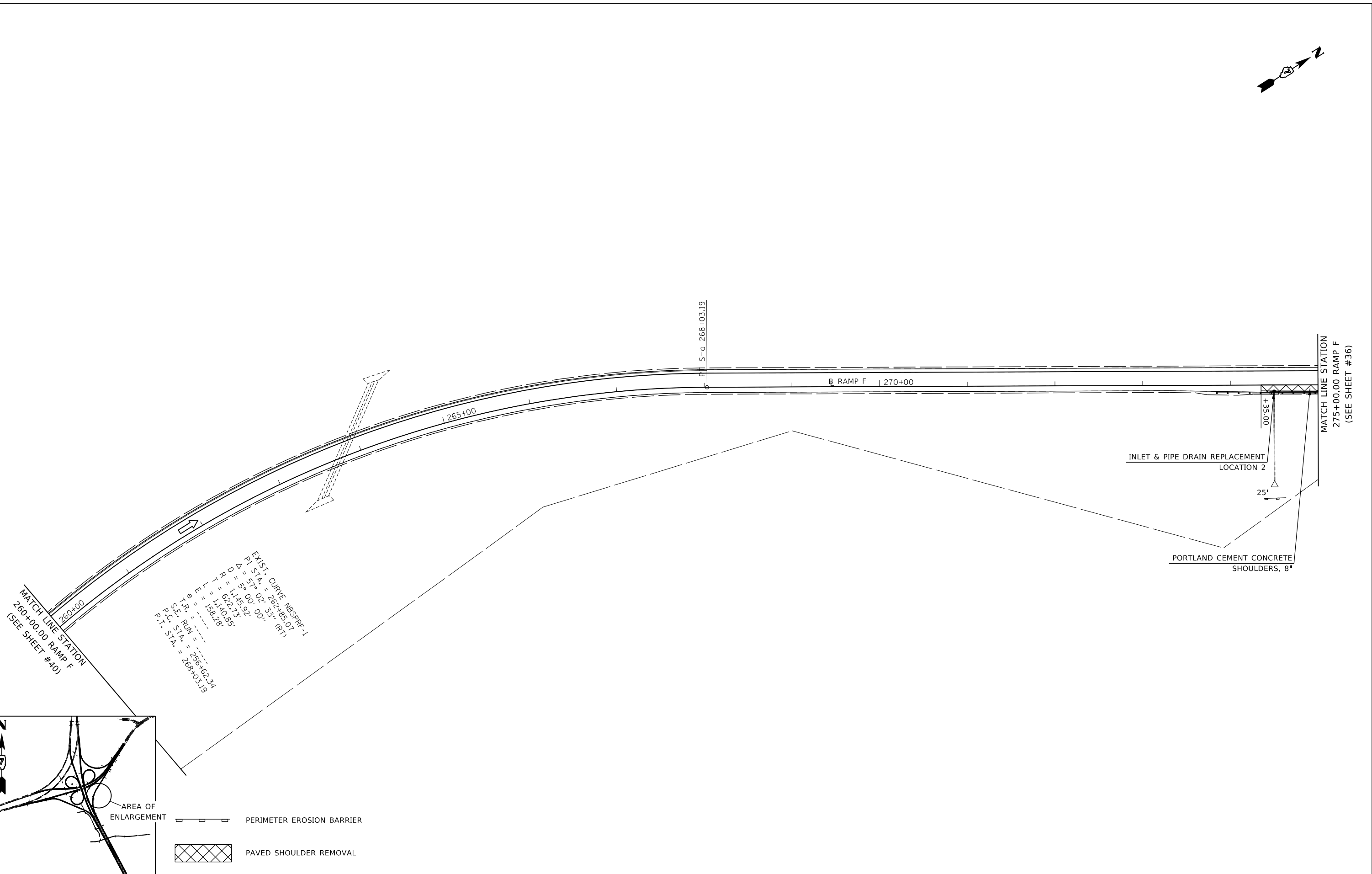
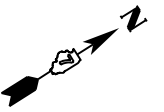
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PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

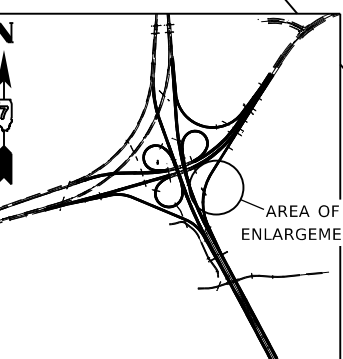
**PLAN SHEET - RAMP E**

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

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*	(58-62)RS	MACON	74	46
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



EXIST. CURVE MBSRF-1  
 P.I. STA. = 262+85.07  
 $\Delta$  = 5° 00' 00"  
 T = 1145.92'  
 R = 622.73'  
 E = 1170.85'  
 L = 138.28'  
 T.R. = 1170.85'  
 S.E. RUN = 255+62.34  
 P.C. STA. = 268+03.19  
 P.T. STA. = 268+03.19



PERIMETER EROSION BARRIER  
 PAVED SHOULDER REMOVAL

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	DATE -	REVISED -

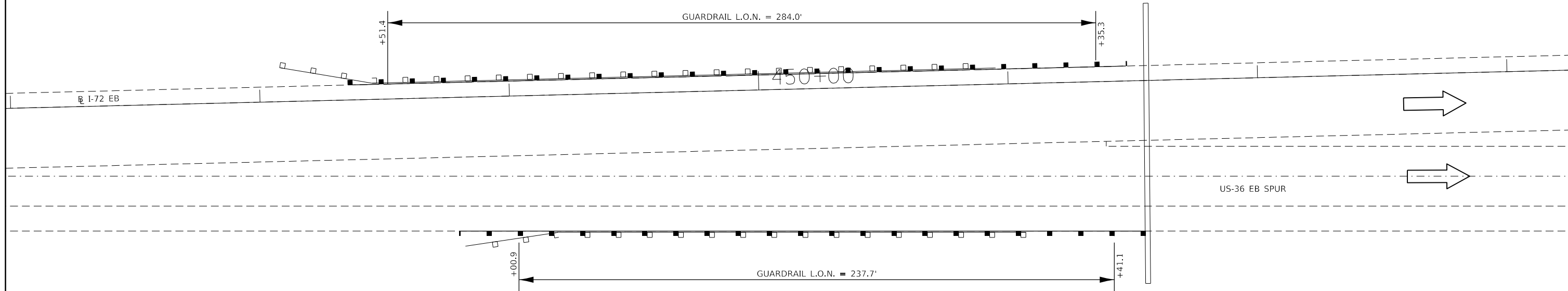
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - RAMP F**

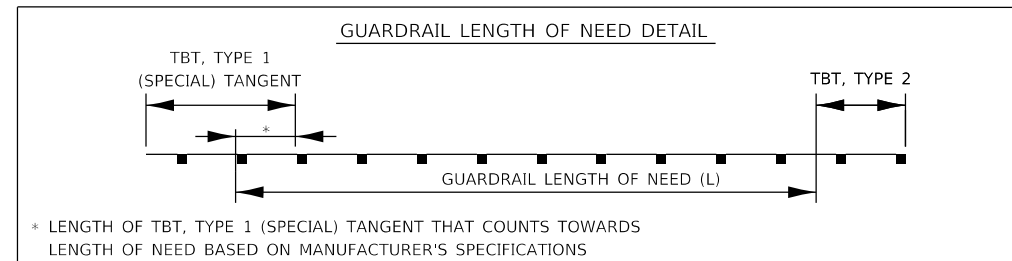
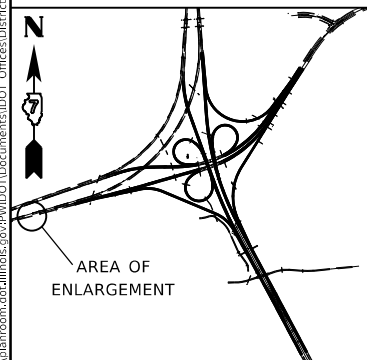
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	47
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

# GUARDRAIL DETAILS - LOCATION 1



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
US-36 EB (I-72 EB)										
448+35.29	6.0' LT		445+85.29	6.0' LT			1.0	288.0	1.0	6.0
445+85.29	6.0' LT		451+35.29	6.0' LT	550.0					
451+35.29	6.0' LT		451+47.79	6.0' LT		1.0				
448+78.68	53.6' RT		449+28.66	54.9' RT			1.0	225.0	1.0	4.0
449+28.66	54.9' RT		451+41.10	60.1' RT	213.0					
451+41.10	60.1' RT		451+53.60	60.4' RT		1.0				
SUB TOTAL US-36					763.0	2.0	2.0	513.0	2.0	10.0



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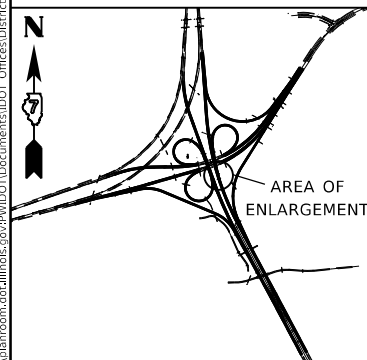
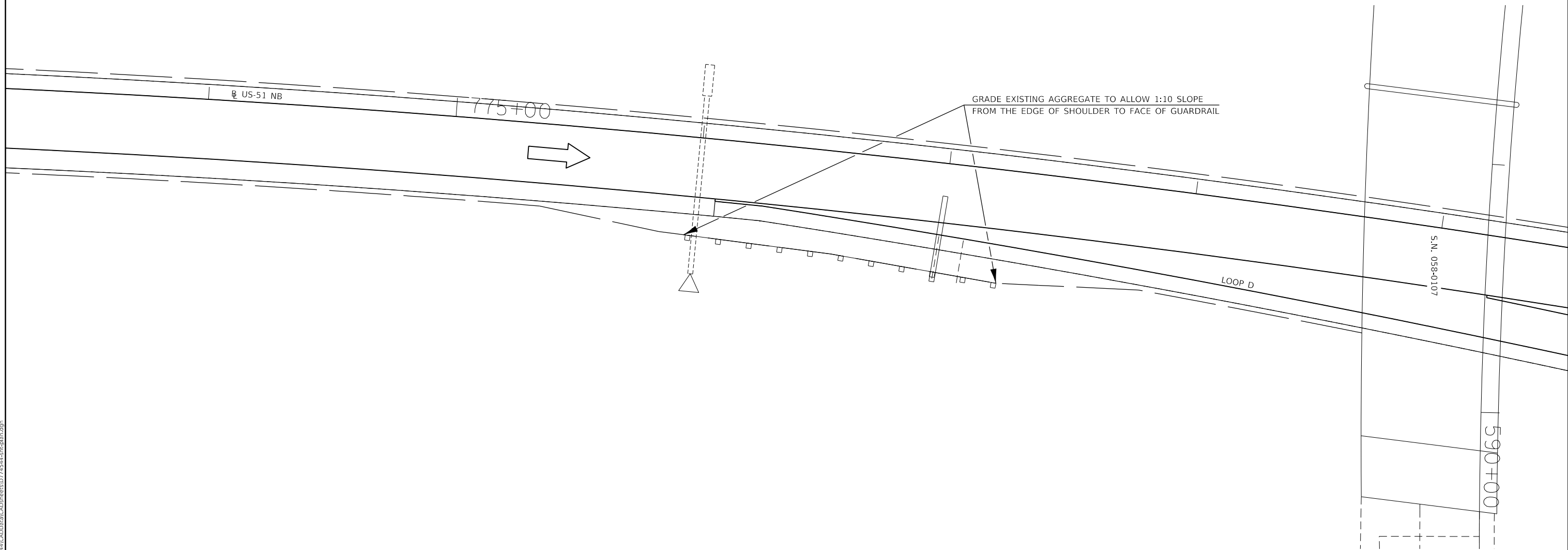
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**  
 SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	48
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



# GUARDRAIL DETAILS - LOCATION 2



STATION	OFFSET	TO	STATION	OFFSET	VERTICAL ADJUSTMENT OF GUARDRAIL (FOOT)
US-51 NB					
775+96.00	15' RT		777+24.00	15' RT	128.0
SUB-TOTAL US-51 NB					128.0

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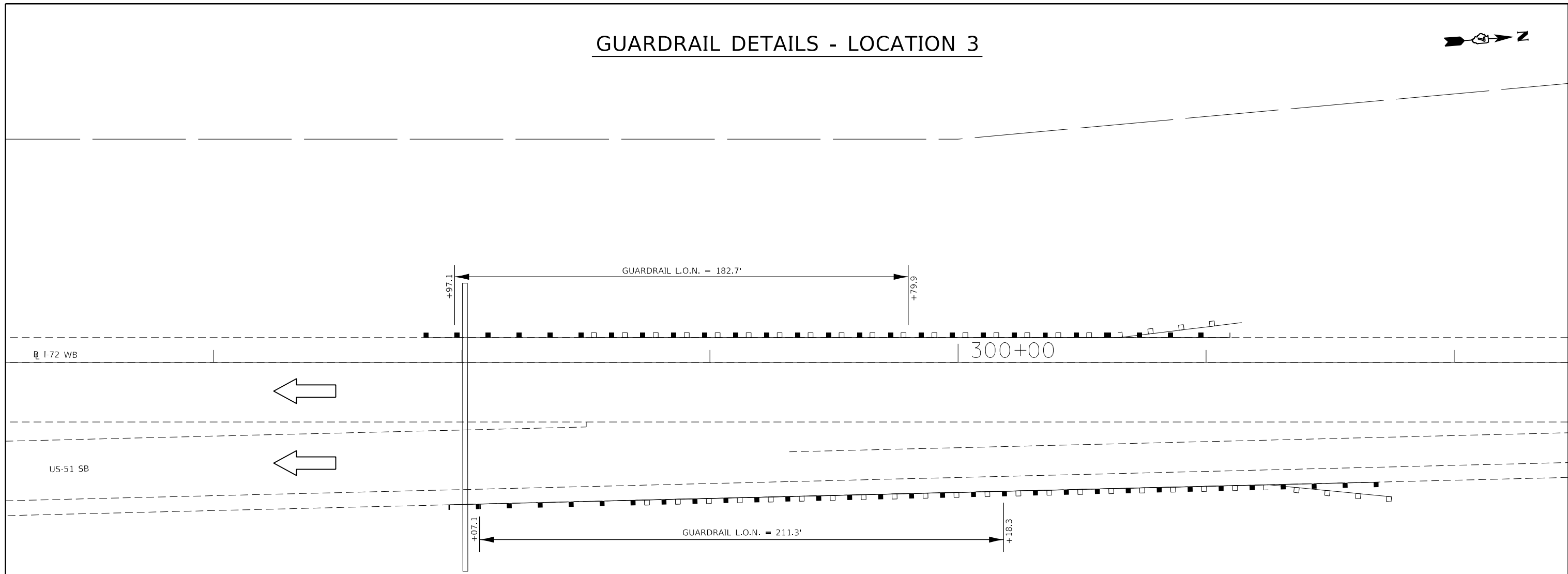
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**

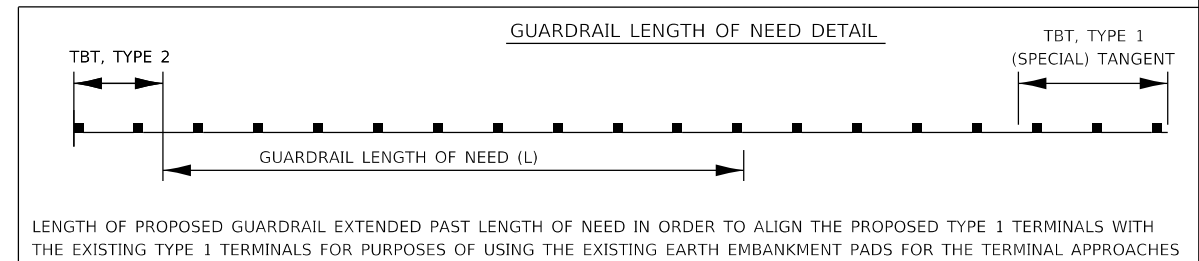
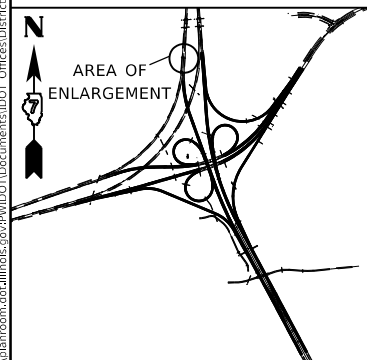
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	49
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# GUARDRAIL DETAILS - LOCATION 3



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
US-51 SB (I-72 WB)										
297+84.57	10.0' LT		297+97.07	10.0' LT		1.0		263.0		5.0
297+97.07	10.0' LT		300+59.57	10.0' LT	263.0					
300+59.57	10.0' LT		301+09.57	10.0' LT		1.0	1.0			
297+94.59	57.4' RT		298+07.09	57.1' RT		1.0		313.0		5.0
298+07.09	57.1' RT		301+19.49	49.4' RT	313.0					
301+19.49	49.4' RT		301+69.48	48.2' RT		1.0	1.0			
SUB-TOTAL US-51					576.0	2.0	2.0	576.0	2.0	10.0



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 PROJECT: 74544  
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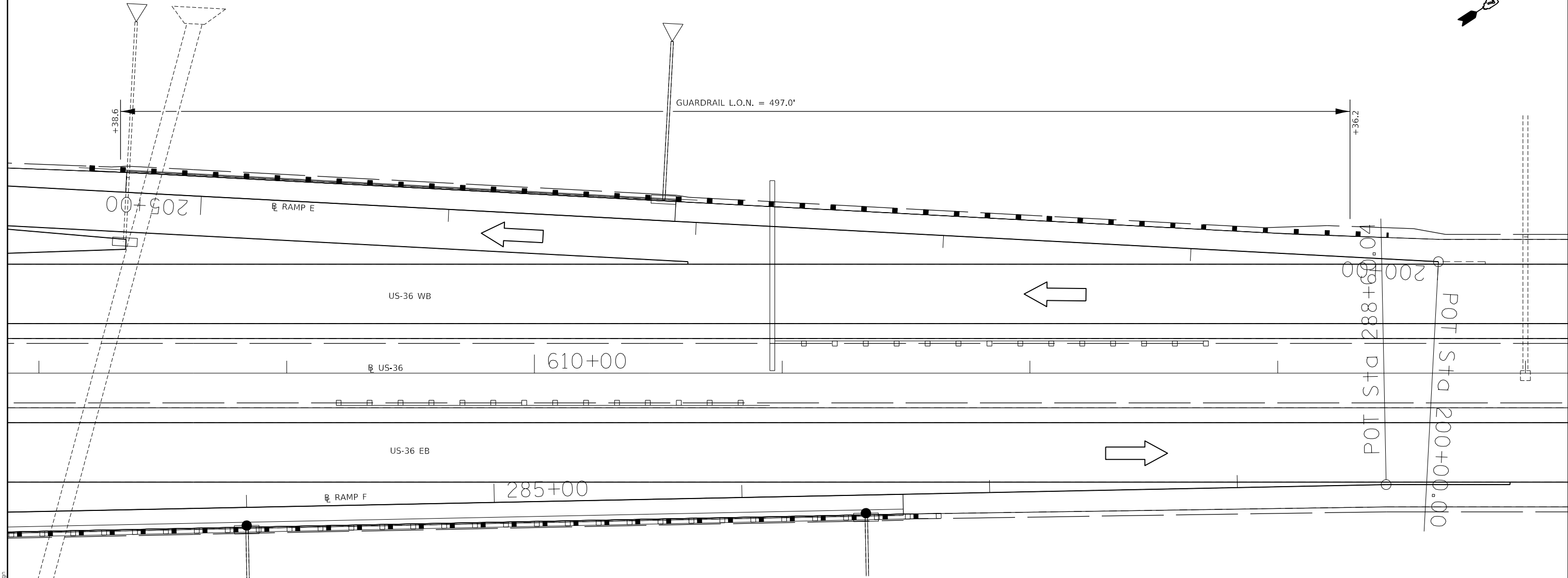
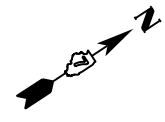
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**

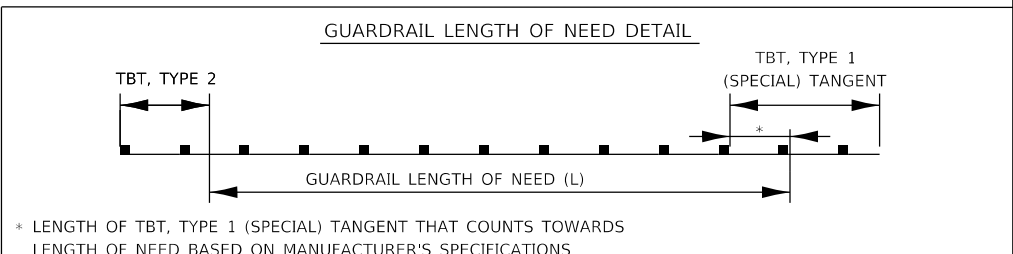
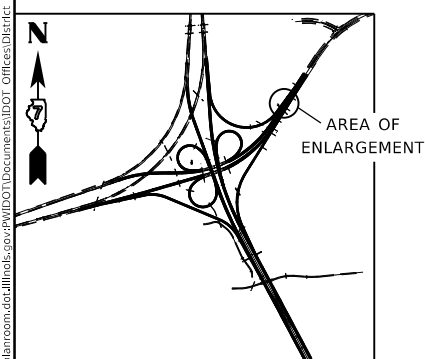
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	50
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# GUARDRAIL DETAILS - LOCATION 4



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
RAMP E										
200+20.63	8.0' RT		200+70.63	8.0' RT			1.0		1.0	
200+70.63	8.0' RT		205+33.13	8.0' RT	463.0			428.0		6.0
205+33.13	8.0' RT		205+45.63	8.0' RT		1.0				
SUB TOTAL RAMP E					463.0	1.0	1.0	428.0	1.0	6.0



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 OFFICE: District 7  
 PROJECT: 74544  
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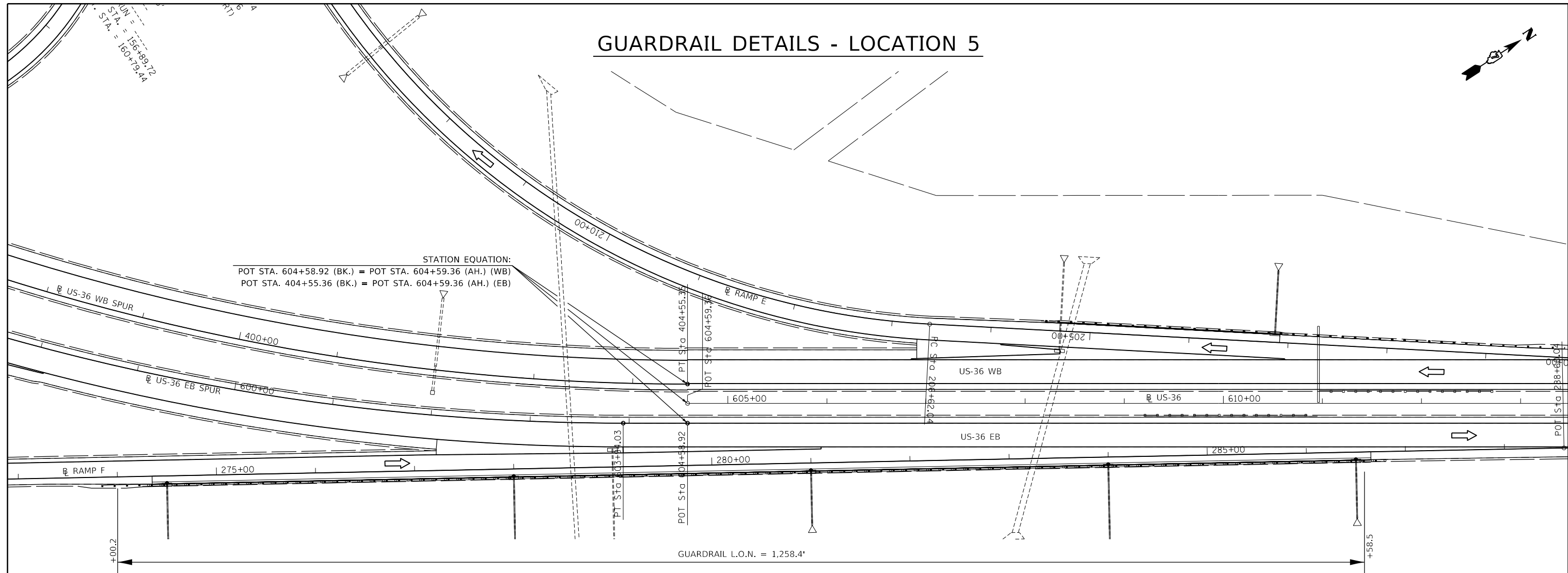
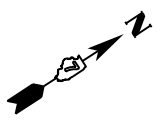
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**

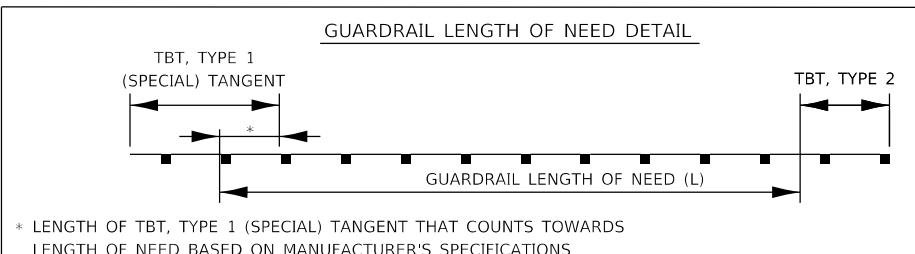
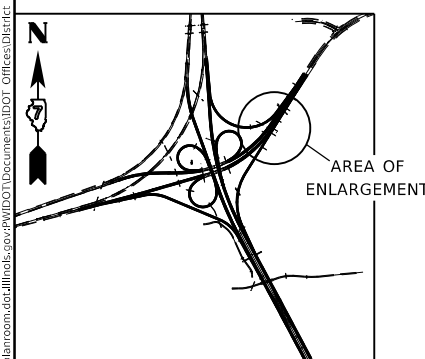
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	51
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

# GUARDRAIL DETAILS - LOCATION 5



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	TERMINAL MARKER - DIRECT APPLIED (EACH)	GUARDRAIL REFLECTORS, TYPE A (EACH)
RAMP F										
273+83.54	8.0' RT		274+33.54	8.0' RT			1.0		1.0	
274+33.54	8.0' RT		286+58.54	8.0' RT	1,225.0			1,263.0		8.0
286+58.54	8.0' RT		286+71.04	8.0' RT		1.0				
SUB TOTAL RAMP F					1,225.0	1.0	1.0	1,263.0	1.0	8.0



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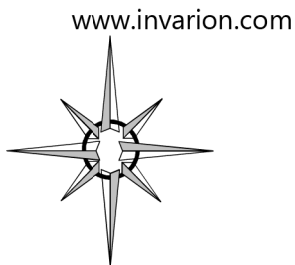
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**



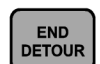





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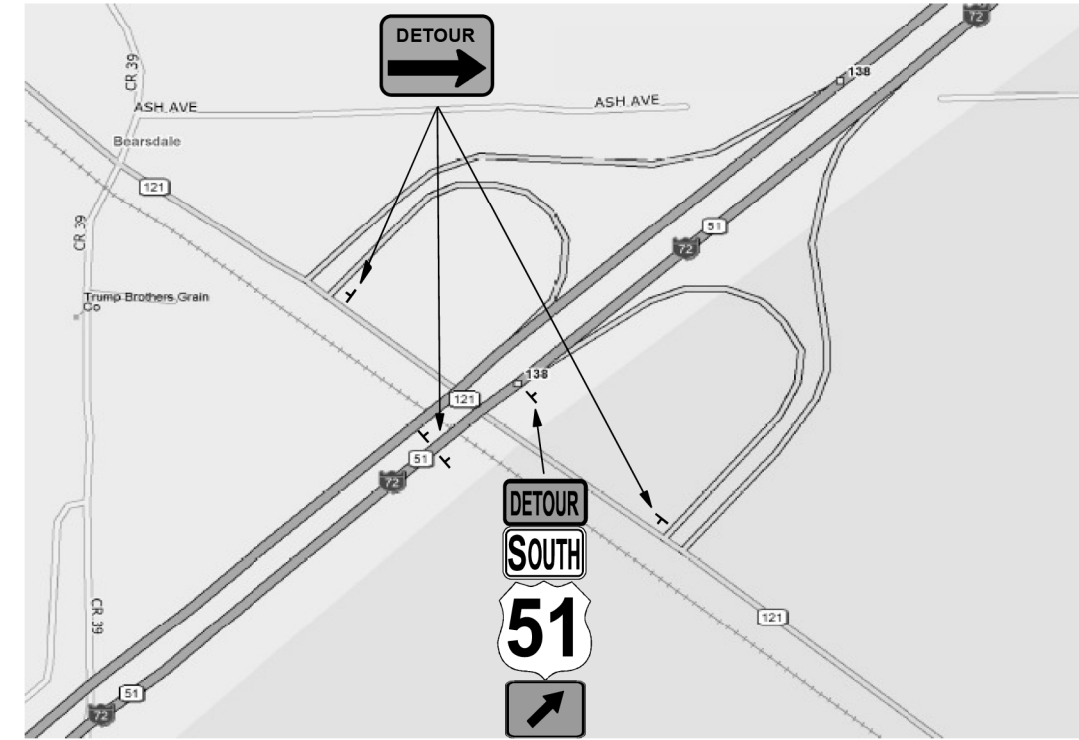
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*	(58-62)RS	MACON	74	52
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

-  - M4-9R-3024
-  - M4-9-3024
-  - M4-8a-3024
-  - M4-8-3015
-  - M3-3-3015
-  - M1-4-36
-  - M6-2R(O)-3018
-  - M6-2L(O)-3018



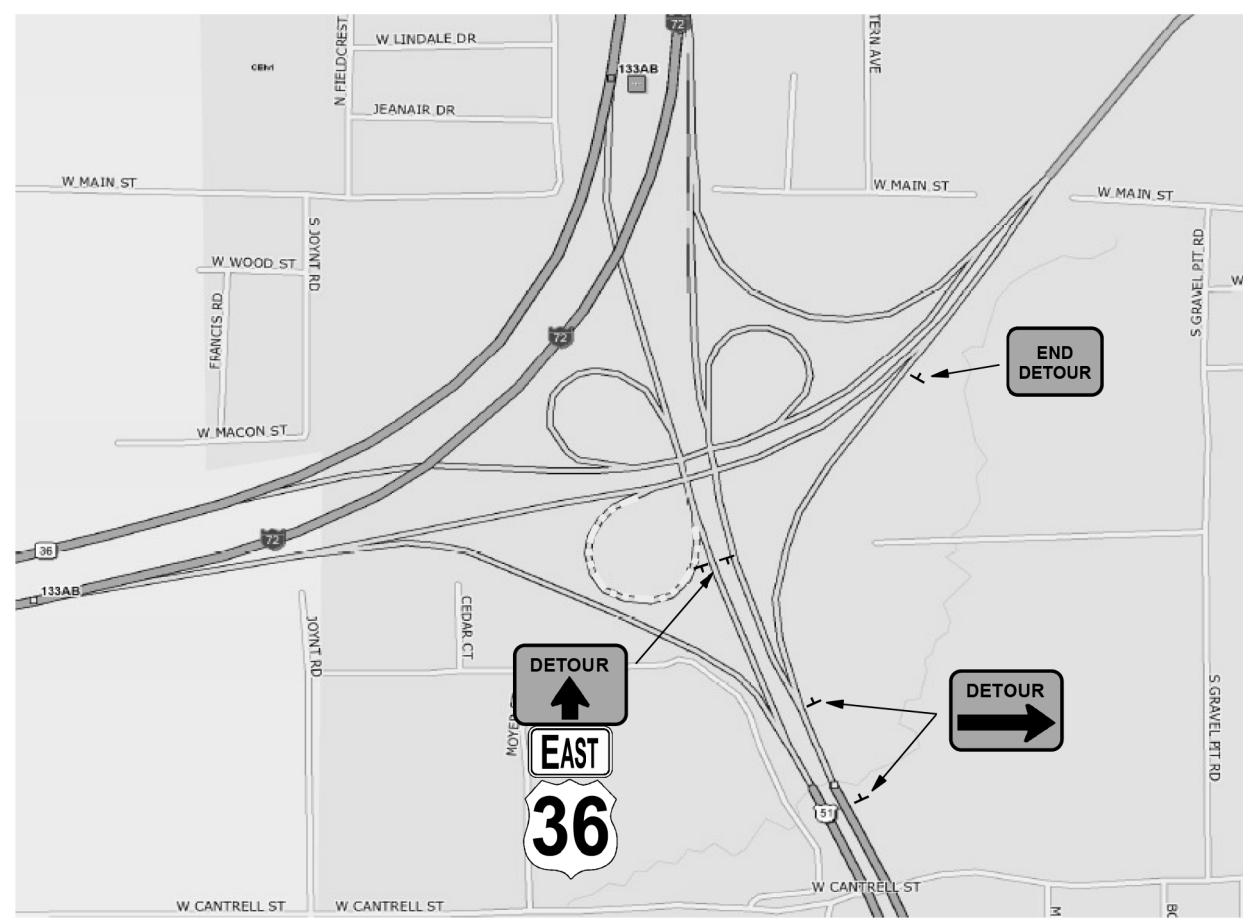
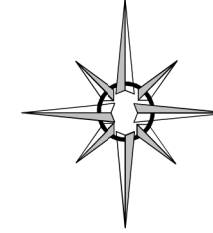
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



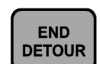


<b>DETOUR MAP</b>			
<b>EB US 36 TO SB US 51 (RAMP A)</b>			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

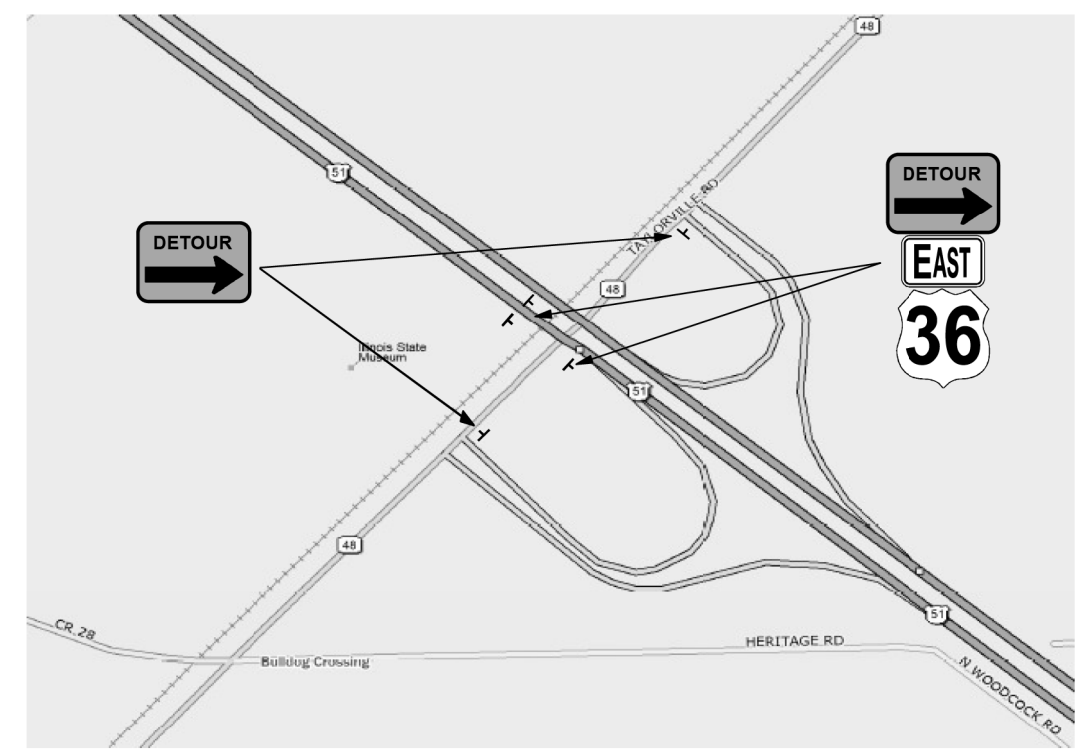
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*	(58-62)RS	MACON	74	53
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

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-  - M4-9-3024
-  - M4-8a-3024
-  - M3-2-3015
-  - M1-4-36



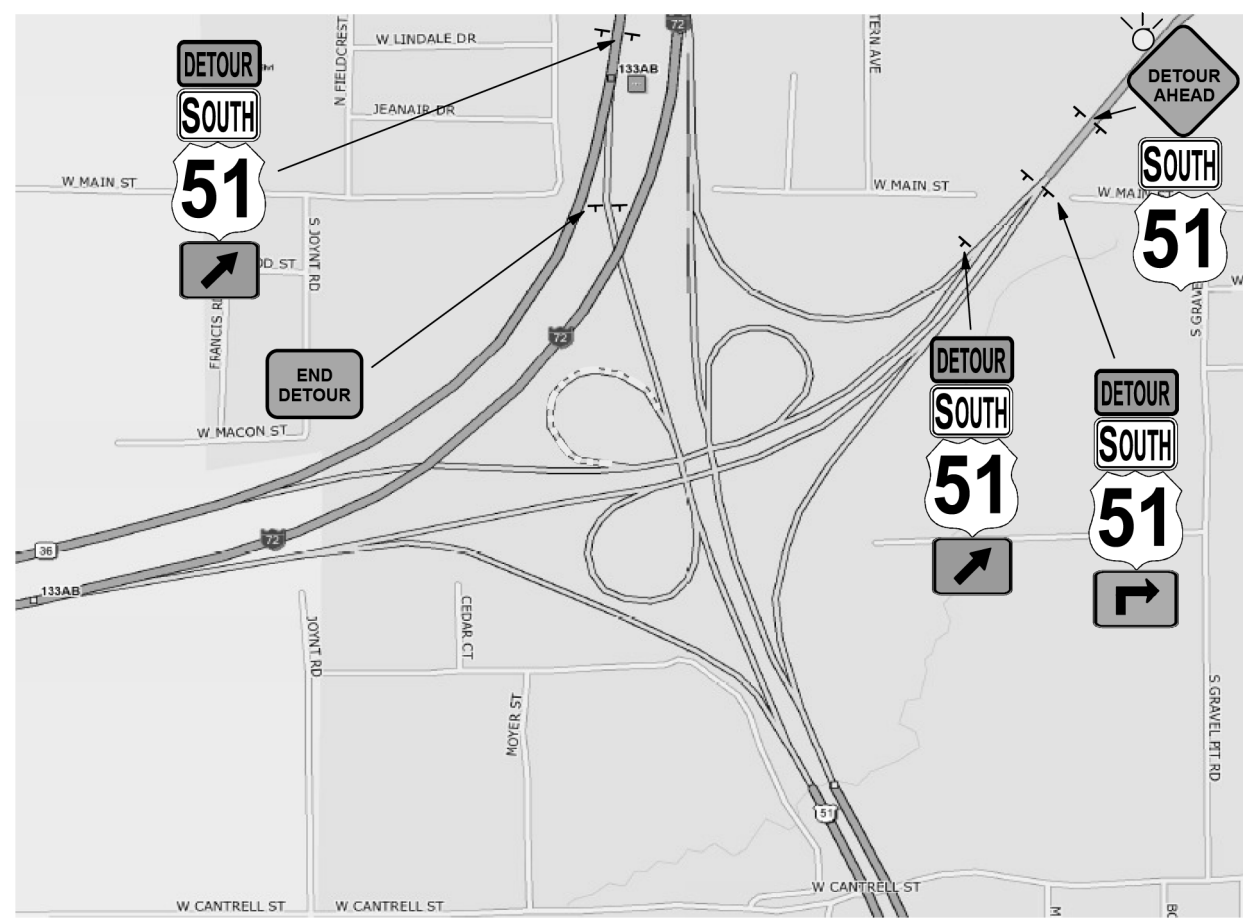
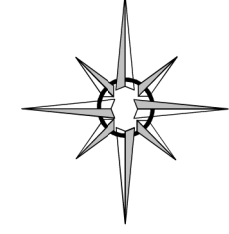
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**STATE OF ILLINOIS  
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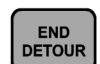





<b>DETOUR MAP</b>			
<b>SB US 51 TO EB US 36 (LOOP B)</b>			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

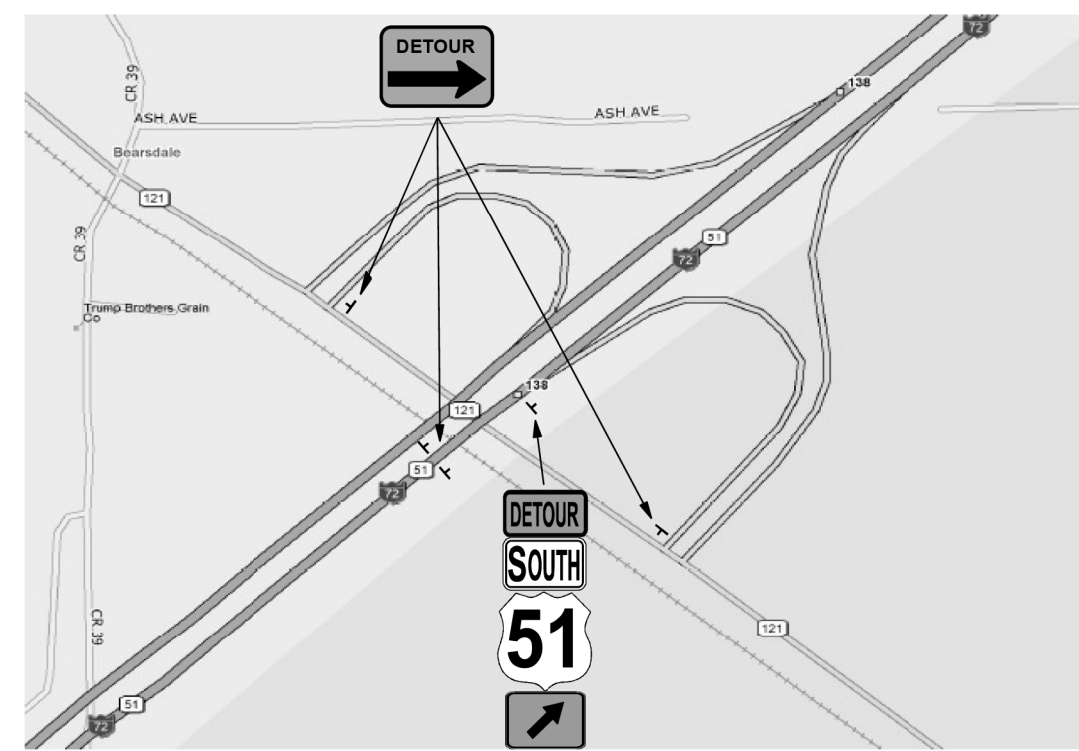
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

-  - M4-9R-3024
-  - M4-9-3024
-  - M4-8a-3024
-  - M4-8-3015
-  - M3-3-3015
-  - M1-4-36
-  - M6-2R(O)-3018
-  - M5-1R(O)-3018



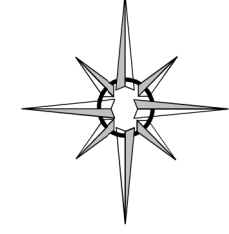
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PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>DETOUR MAP</b>			
<b>WB US 36 TO SB US 51 (LOOP C)</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

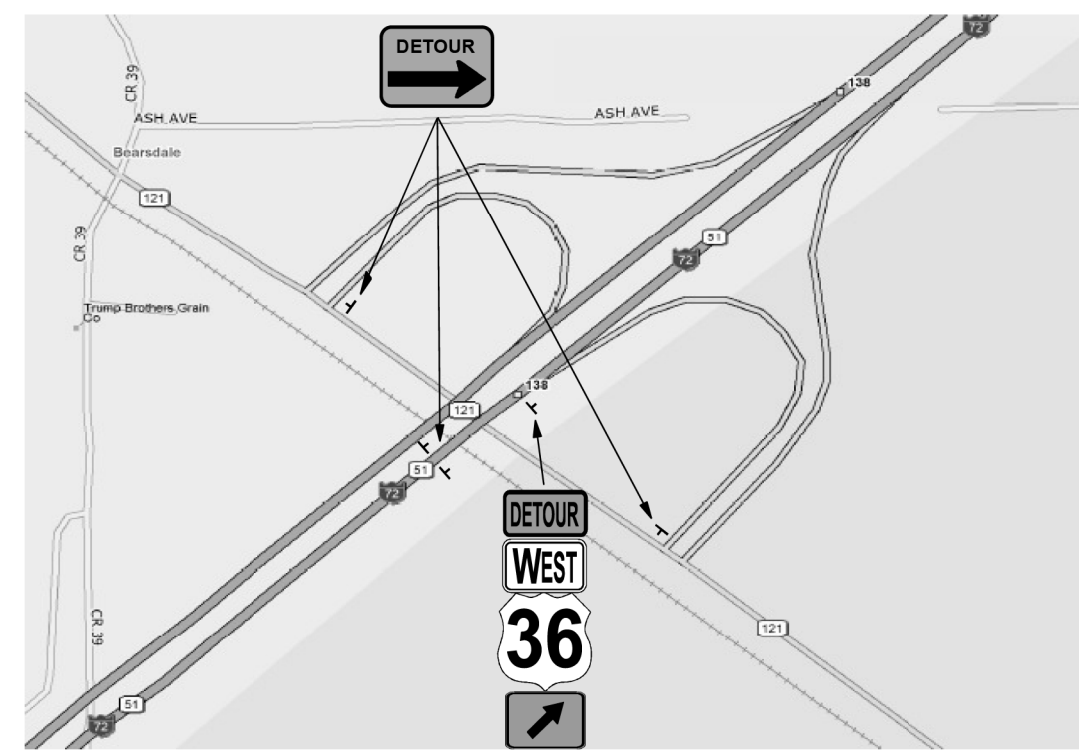
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				



Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

- M4-9R-3024
- M4-9-3024
- M4-8a-3024
- M4-8-3015
- M3-4-3015
- M1-4-36
- M6-2R(O)-3018



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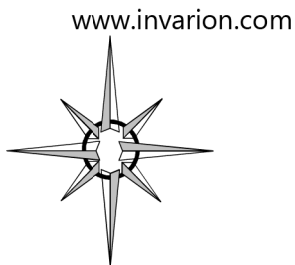
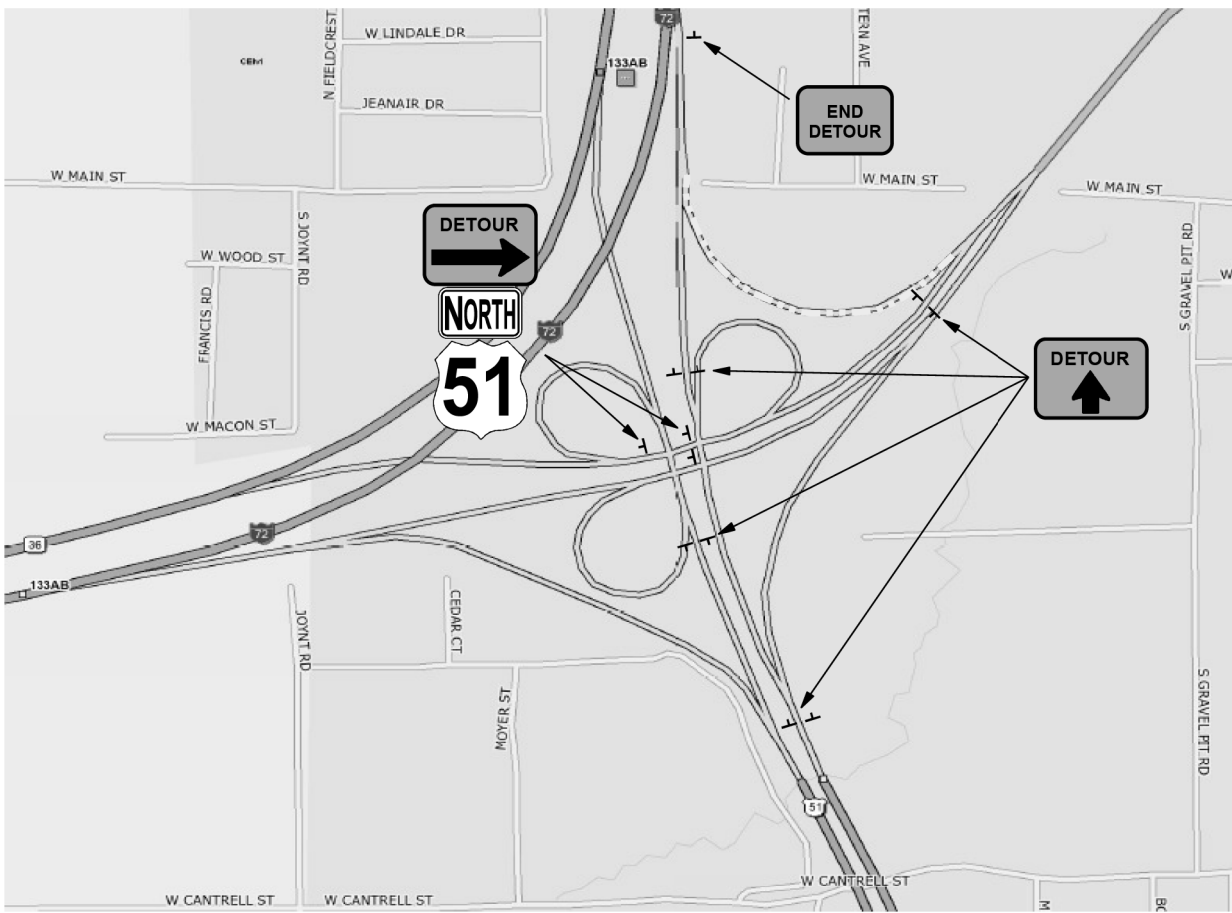
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>DETOUR MAP</b>			
<b>NB US 51 TO WB US 36 (LOOP D)</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.



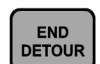


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

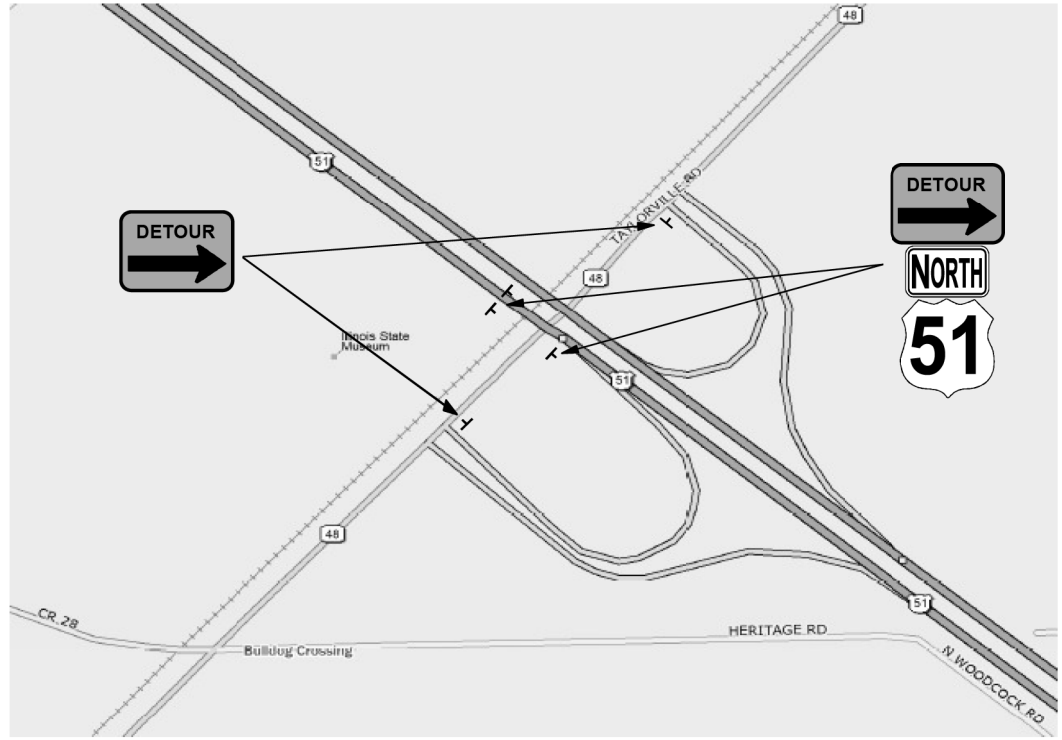




Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

-  - M4-9R-3024
-  - M4-9-3024
-  - M4-8a-3024
-  - M3-1-3015
-  - M1-4-36



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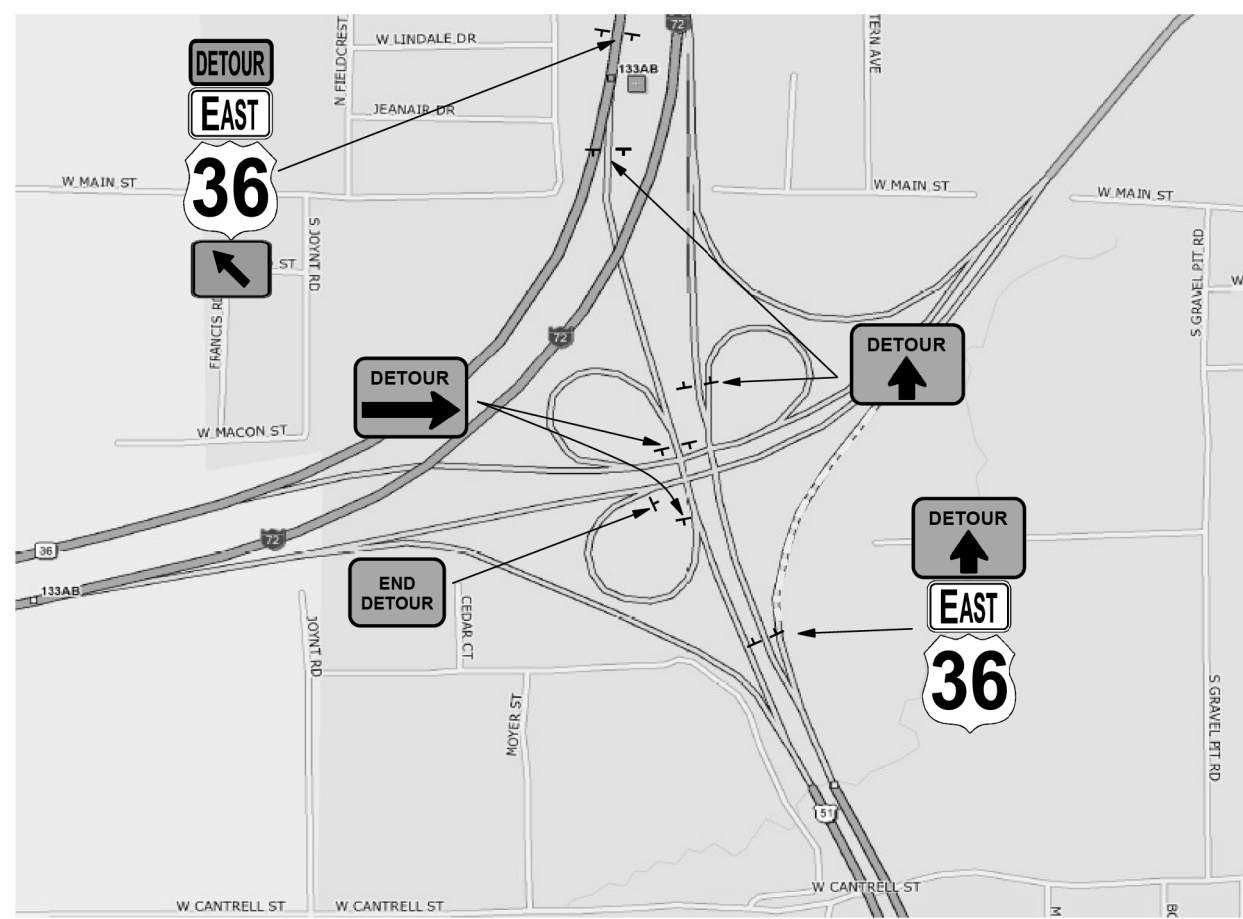
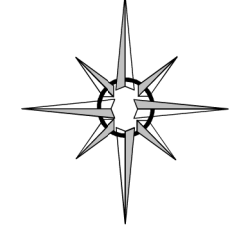
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR MAP  
WB US 36 TO NB US 51 (RAMP E)



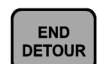





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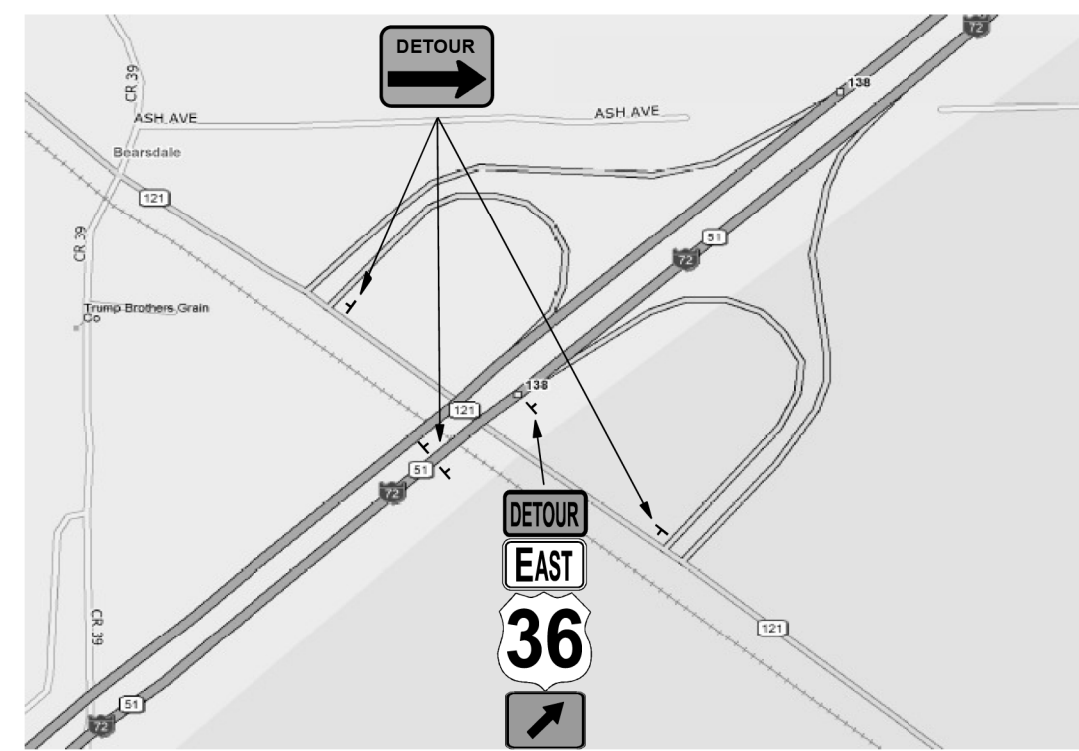
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	57
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



Note: Closure of the Ramp will be per Standard 701451 (Exit Ramp Closure).

LEGEND

-  - M4-9R-3024
-  - M4-9-3024
-  - M4-8a-3024
-  - M4-8-3015
-  - M3-2-3015
-  - M1-4-36
-  - M6-2L(O)-3018
-  - M6-2R(O)-3018



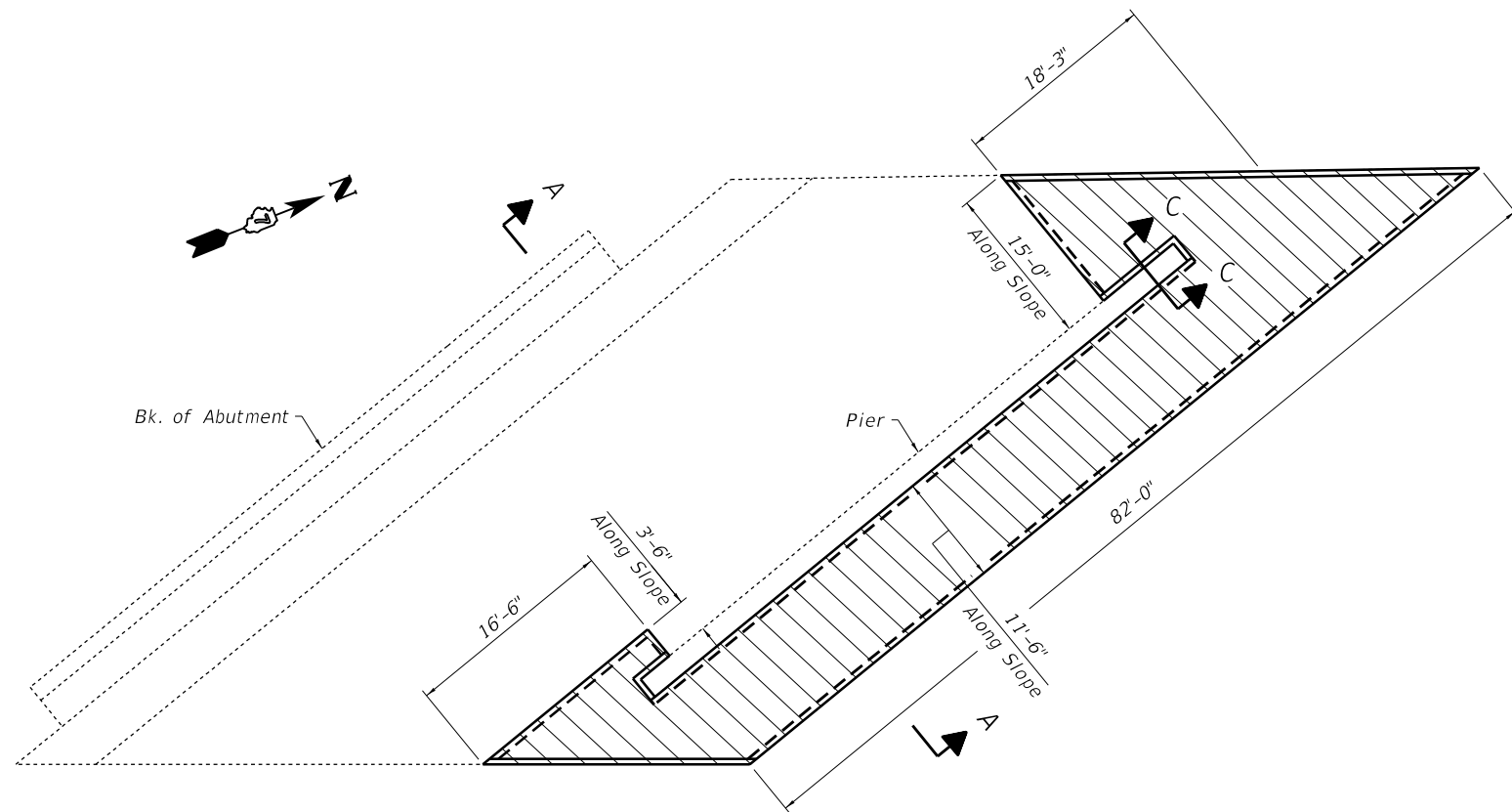
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

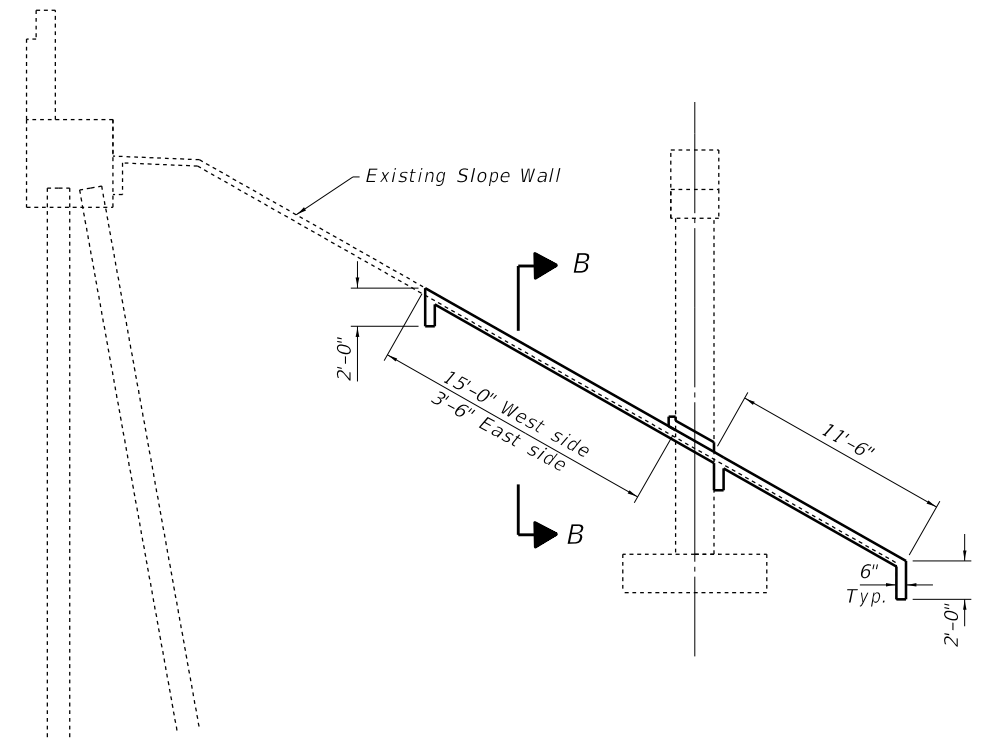
<b>DETOUR MAP</b>			
<b>NB US 51 TO EB US 36 (RAMP F)</b>			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

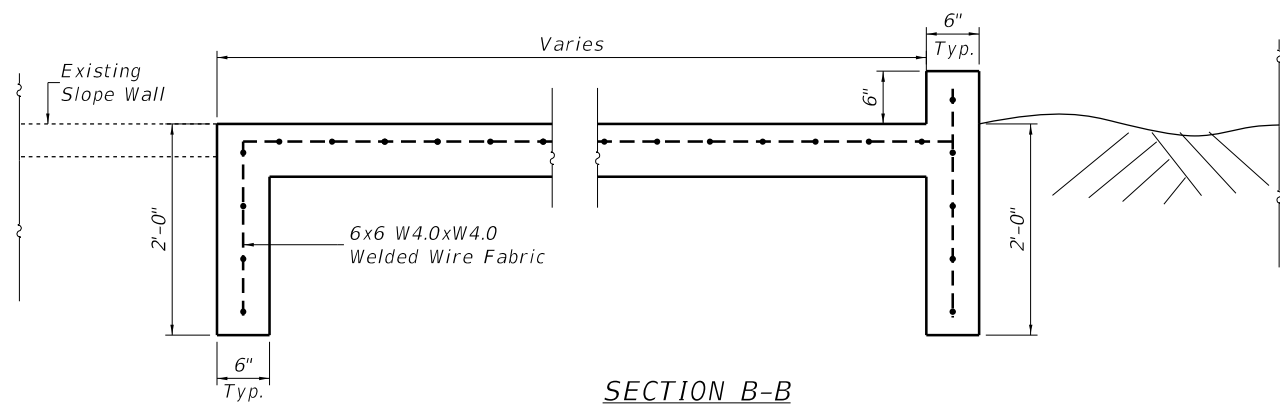


- Concrete slope wall removal and replacement

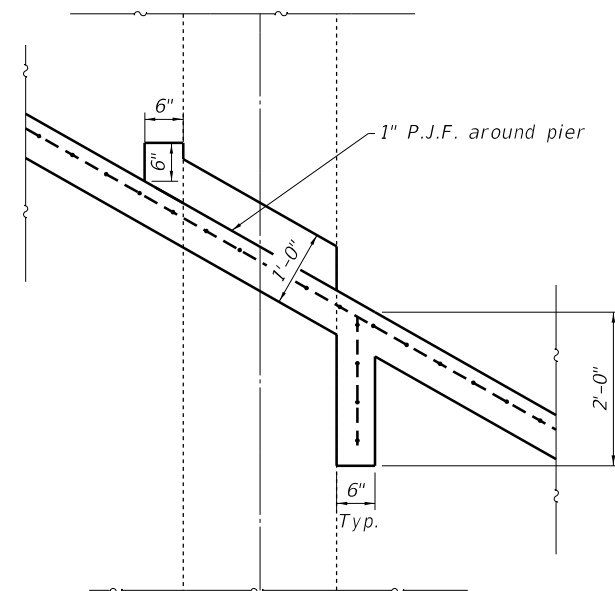
PLAN VIEW SLOPE WALL



ELEVATION VIEW SOUTH SLOPE WALL  
SECTION A-A



SECTION B-B



SECTION C-C

**NOTES**

Prior to partial removal of any concrete structure a 3/4" deep saw cut shall be made along all boundaries of the removal area. Saw cuts will be included with the cost of slope wall removal.

Existing riprap and other unsuitable embankment material shall be removed as directed by the Engineer. The removal shall be paid for as Removal & Disposal of Unsuitable Materials.

In areas of voids under the existing slope wall and areas where unsuitable materials are removed, the embankment shall be reconstructed with Subbase Granular Material, Type B. The Subbase Granular Material shall be gradation CA6 unless otherwise specified by the Engineer.

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
Slope Wall Removal	SQ YD	133
Slope Wall 6 Inch	SQ YD	133
Protective Coat	SQ YD	133
Removal & Disposal of Unsuitable Materials	CU YD	22
Subbase Granular Material, Type B	TON	44

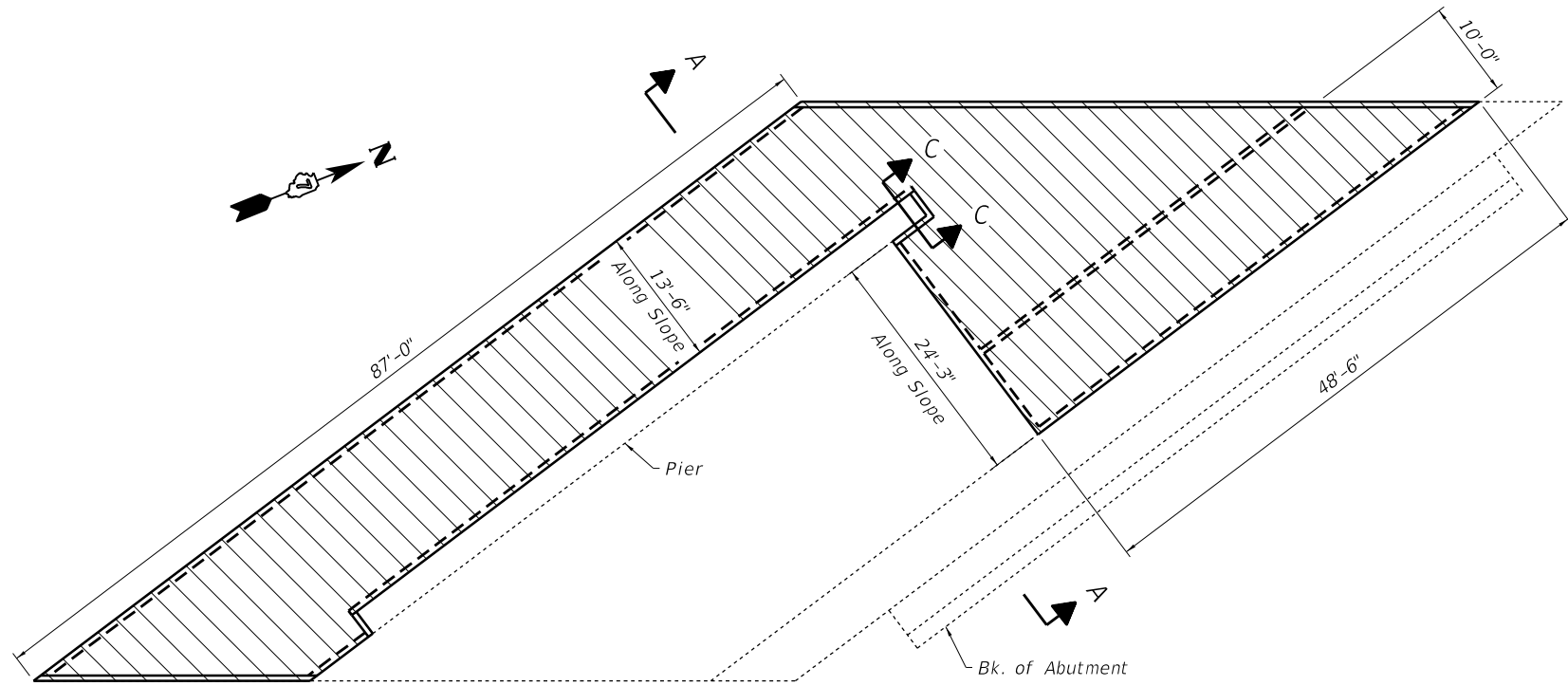
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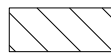
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

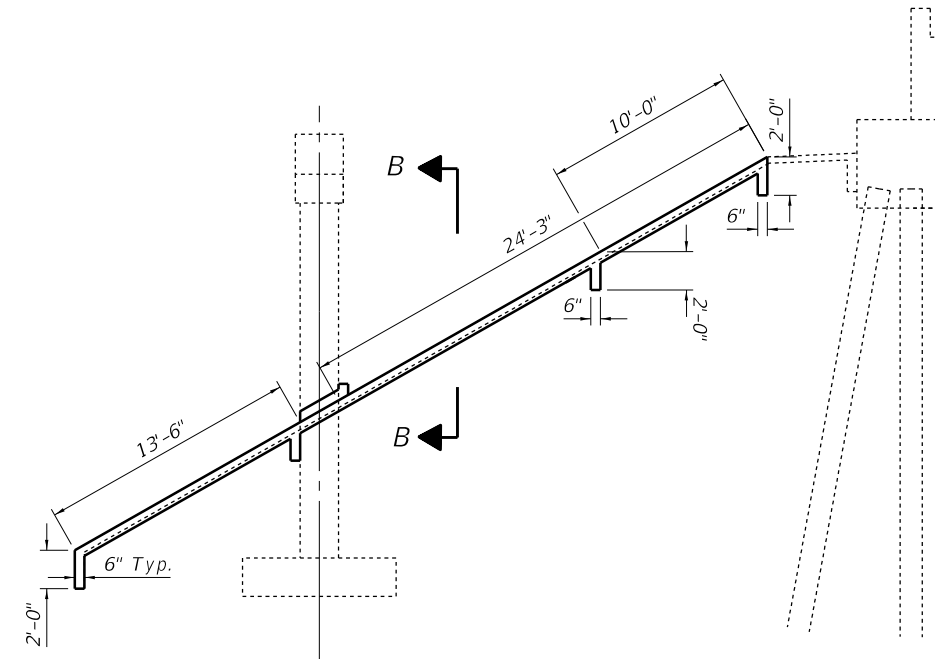
SLOPE WALL DETAILS SN. 058-0067 (SOUTH SIDE)			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(58-62)RS	MACON	74	59
74544				
ILLINOIS FED. AID PROJECT				

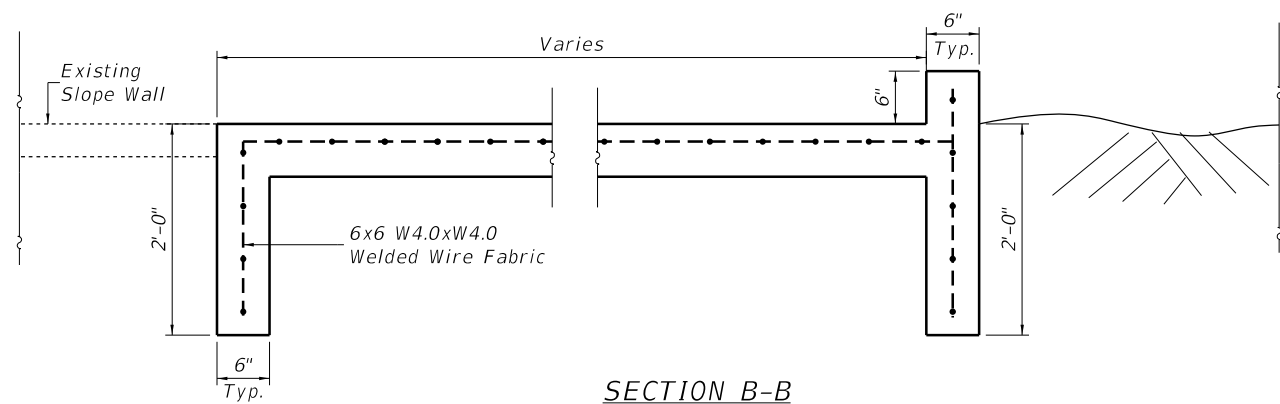


 - Concrete slope wall removal and replacement

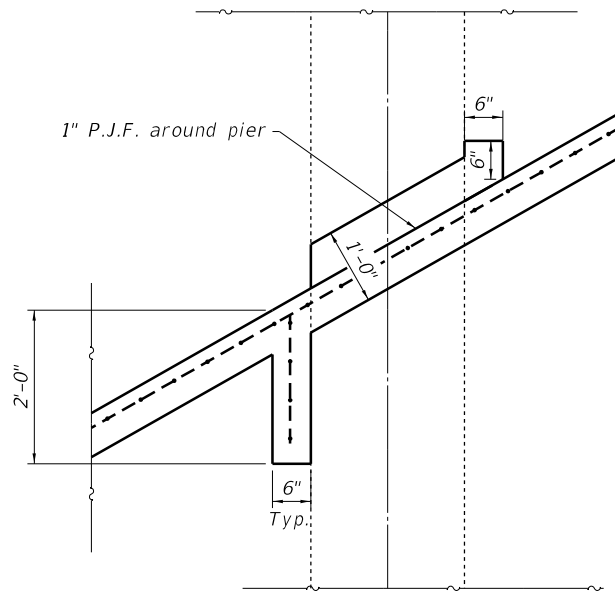
PLAN VIEW SLOPE WALL



ELEVATION VIEW SOUTH SLOPE WALL  
SECTION A-A



SECTION B-B



SECTION C-C

**NOTES**

Prior to partial removal of any concrete structure a 3/4" deep saw cut shall be made along all boundaries of the removal area. Saw cuts will be included with the cost of slope wall removal.

Existing riprap and other unsuitable embankment material shall be removed as directed by the Engineer. The removal shall be paid for as Removal & Disposal of Unsuitable Materials.

In areas of voids under the existing slope wall and areas where unsuitable materials are removed, the embankment shall be reconstructed with Subbase Granular Material, Type B. The Subbase Granular Material shall be gradation CA6 unless otherwise specified by the Engineer.

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
Slope Wall Removal	SQ YD	231
Slope Wall 6 Inch	SQ YD	231
Protective Coat	SQ YD	231
Removal & Disposal of Unsuitable Materials	CU YD	39
Subbase Granular Material, Type B	TON	77

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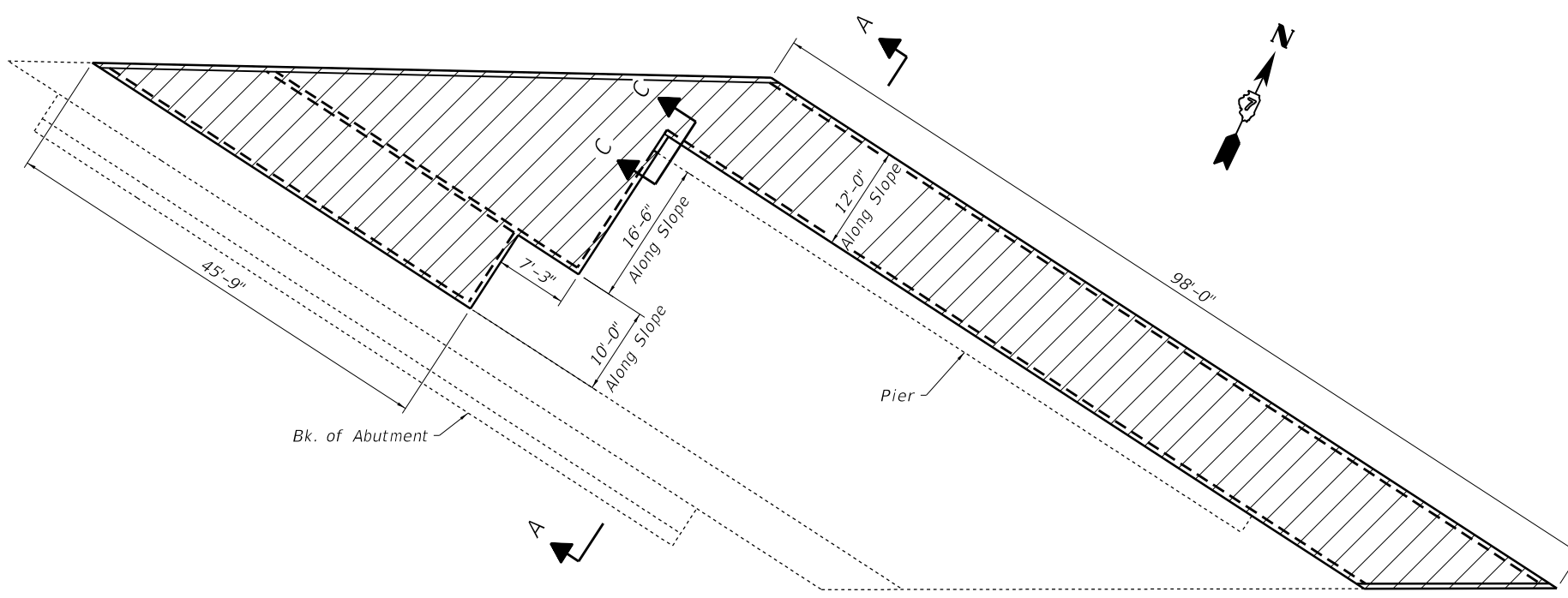
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SLOPE WALL DETAILS  
SN. 058-0067 (NORTH SIDE)

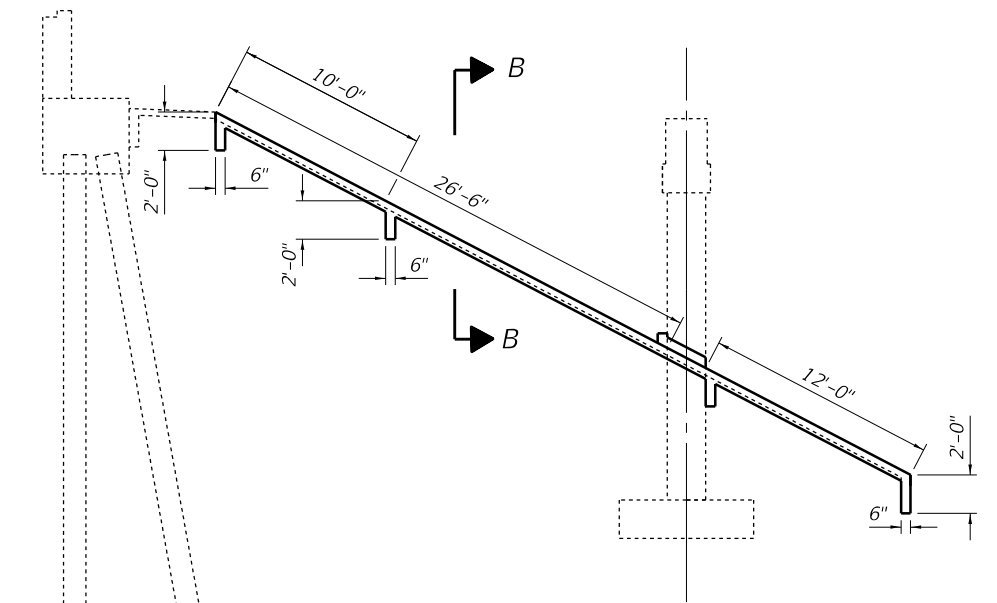
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		74544		
		ILLINOIS FED. AID PROJECT		

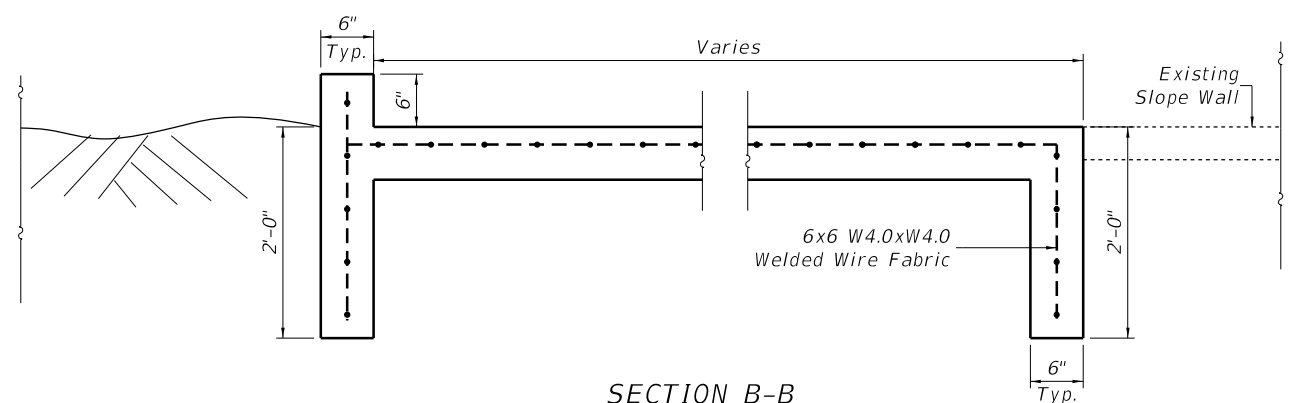


- Concrete slope wall removal and replacement

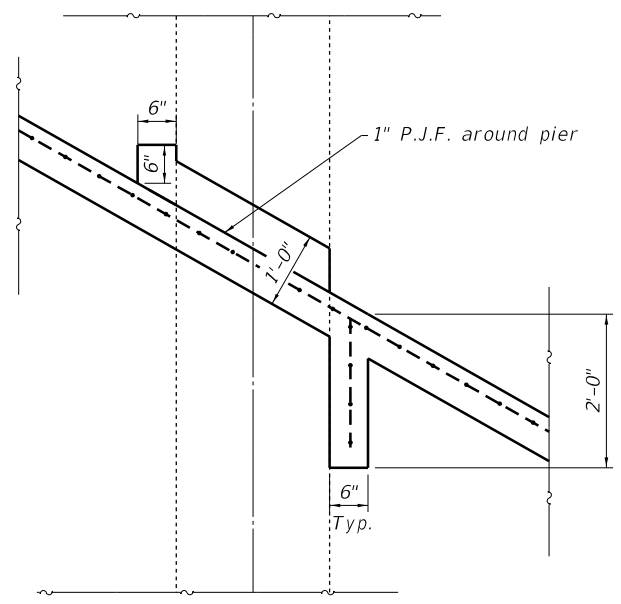
PLAN VIEW SLOPE WALL



ELEVATION VIEW SOUTH SLOPE WALL  
SECTION A-A



SECTION B-B



SECTION C-C

NOTES

Prior to partial removal of any concrete structure a 3/4" deep saw cut shall be made along all boundaries of the removal area. Saw cuts will be included with the cost of slope wall removal.

Existing riprap and other unsuitable embankment material shall be removed as directed by the Engineer. The removal shall be paid for as Removal & Disposal of Unsuitable Materials.

In areas of voids under the existing slope wall and areas where unsuitable materials are removed, the embankment shall be reconstructed with Subbase Granular Material, Type B. The Subbase Granular Material shall be gradation CA6 unless otherwise specified by the Engineer.

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Slope Wall Removal	SQ YD	231
Slope Wall 6 Inch	SQ YD	231
Protective Coat	SQ YD	231
Removal & Disposal of Unsuitable Materials	CU YD	39
Subbase Granular Material, Type B	TON	77

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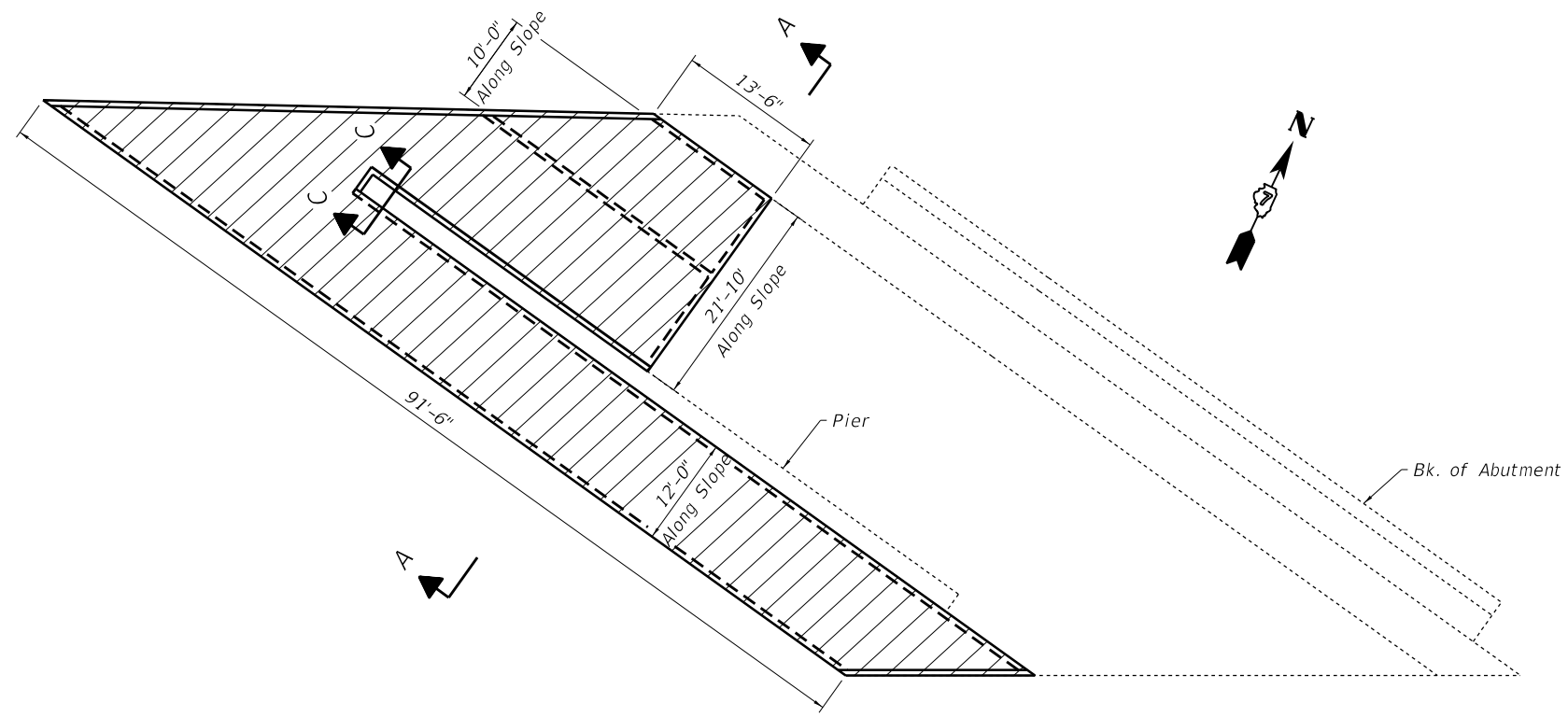
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

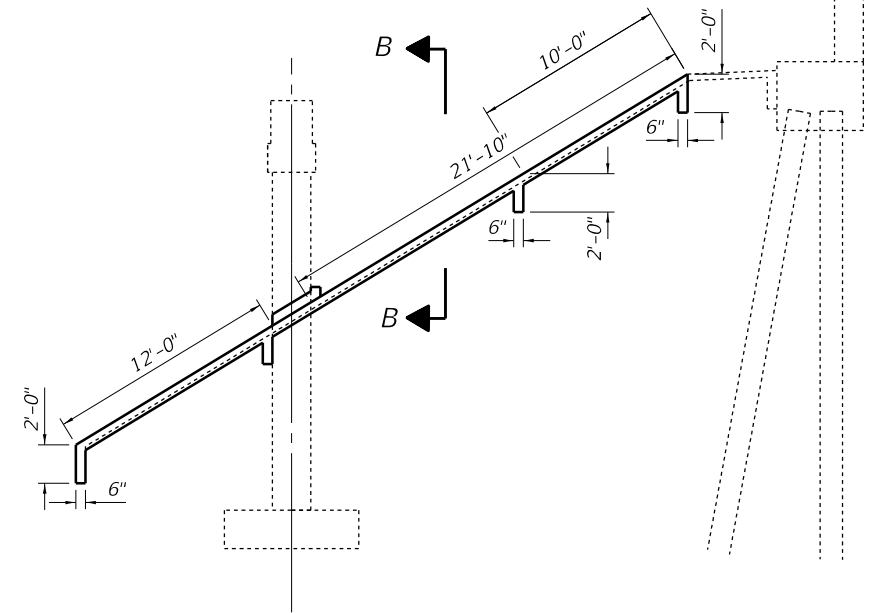
**SLOPE WALL DETAILS**  
**SN. 058-0066 (SOUTH SIDE)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(58-62)RS	MACON	74	61
74544				
ILLINOIS FED. AID PROJECT				

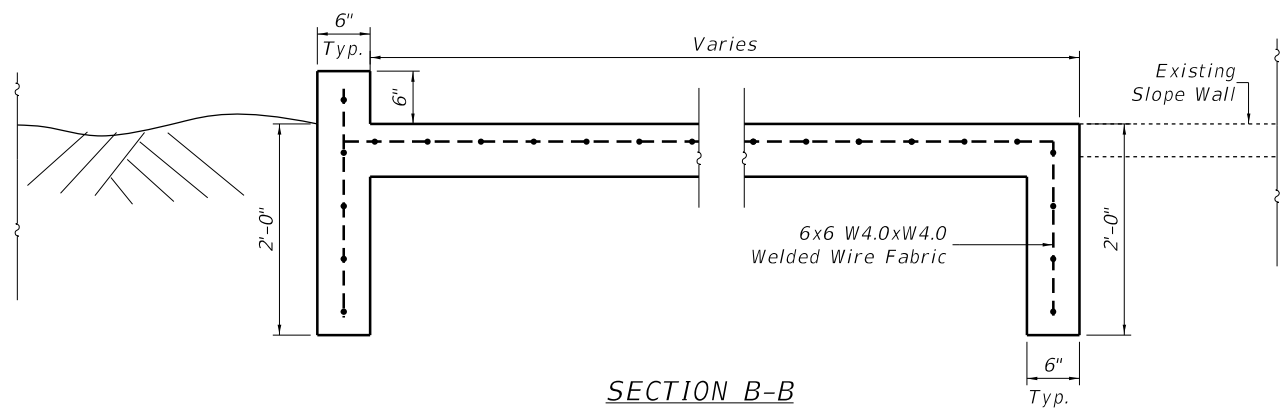


PLAN VIEW SLOPE WALL

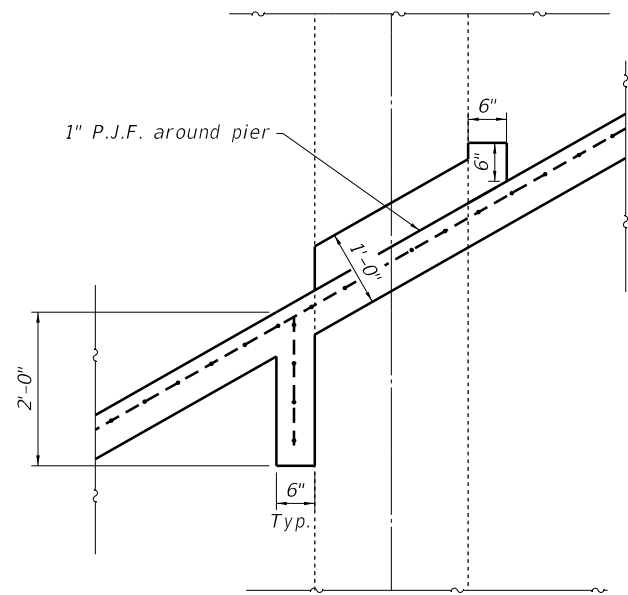


ELEVATION VIEW SOUTH SLOPE WALL SECTION A-A

- Concrete slope wall removal and replacement



SECTION B-B



SECTION C-C

**NOTES**

Prior to partial removal of any concrete structure a 3/4" deep saw cut shall be made along all boundaries of the removal area. Saw cuts will be included with the cost of slope wall removal.

Existing riprap and other unsuitable embankment material shall be removed as directed by the Engineer. The removal shall be paid for as Removal & Disposal of Unsuitable Materials.

In areas of voids under the existing slope wall and areas where unsuitable materials are removed, the embankment shall be reconstructed with Subbase Granular Material, Type B. The Subbase Granular Material shall be gradation CA6 unless otherwise specified by the Engineer.

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
Slope Wall Removal	SQ YD	196
Slope Wall 6 Inch	SQ YD	196
Protective Coat	SQ YD	196
Removal & Disposal of Unsuitable Materials	CU YD	33
Subbase Granular Material, Type B	TON	65

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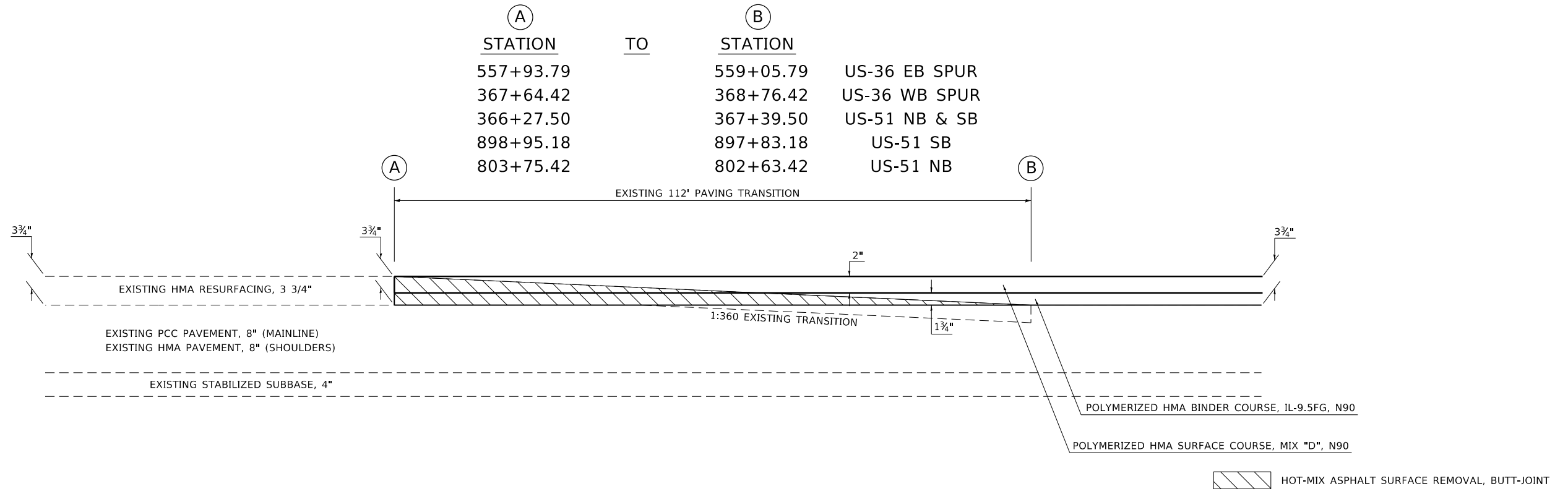
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SLOPE WALL DETAILS  
SN. 058-0066 (NORTH SIDE)

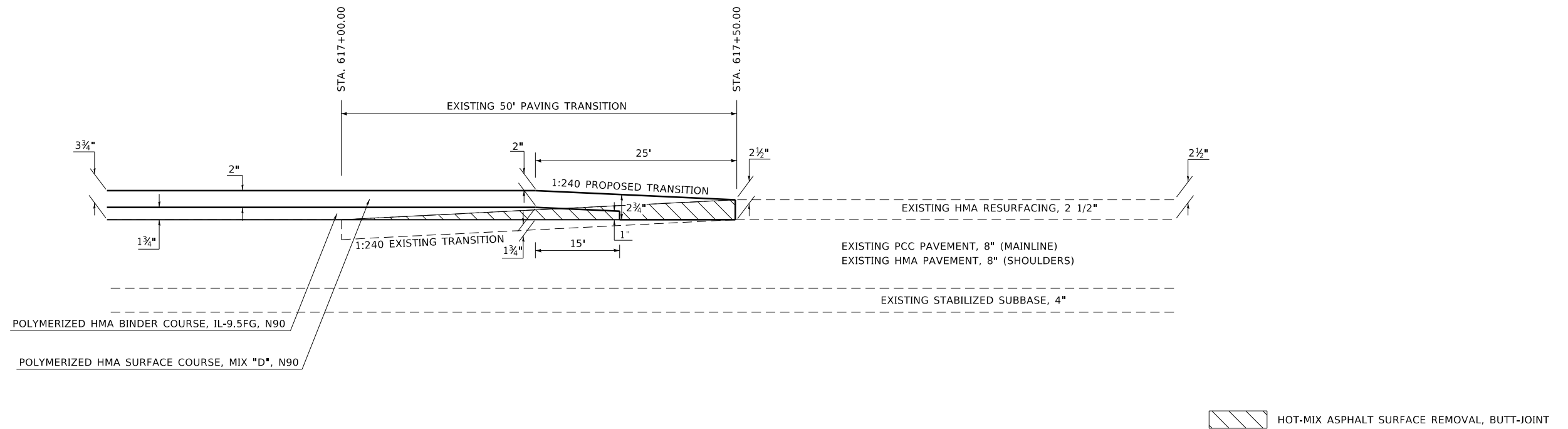
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		74544		
ILLINOIS FED. AID PROJECT				

## PROPOSED BUTT JOINT AND PAVING DETAIL US-36 & US-51 MAINLINE & SHOULDERS



## PROPOSED BUTT JOINT AND PAVING DETAIL US-36 MAINLINE & SHOULDERS



NOTE: NOT DRAWN TO SPECIFIC SCALE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

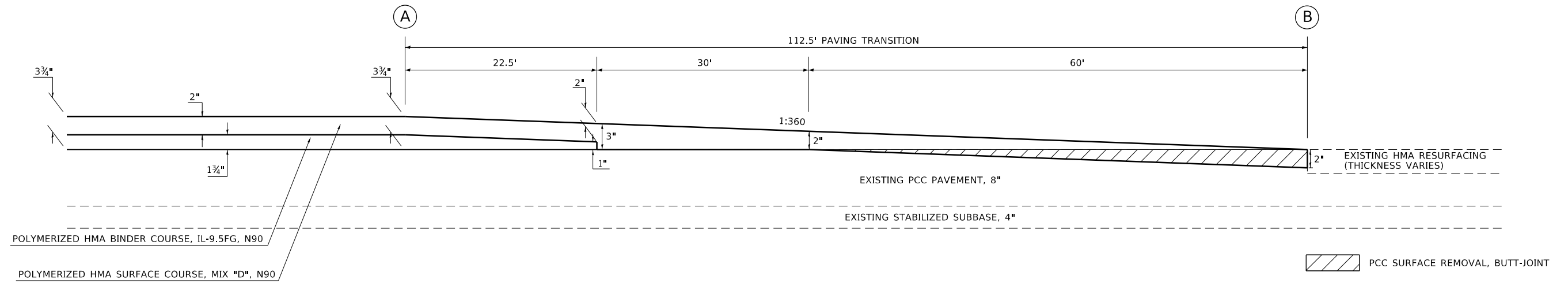
**PAVING DETAILS**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

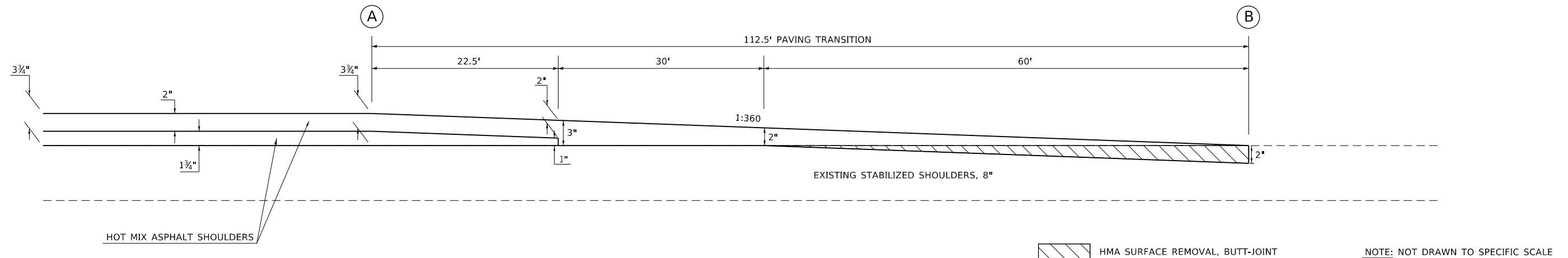
## PROPOSED BUTT JOINT AND PAVING DETAIL US-36 MAINLINE & RAMPS

(A) STATION	TO	(B) STATION	
584+97.97		586+10.47	US-36 EB SPUR
385+22.07		386+34.57	US-36 WB SPUR
65+33.54		66+46.06	LOOP B
101+28.24		100+15.74	LOOP C
163+41.83		164+54.33	LOOP D



## PROPOSED BUTT JOINT AND PAVING DETAIL US-36 & RAMP SHOULDERS

(A) STATION	TO	(B) STATION	
584+97.97		586+10.47	US-36 EB SPUR
385+22.07		386+34.57	US-36 WB SPUR
65+33.54		66+46.04	LOOP B
101+28.24		100+15.74	LOOP C
163+41.83		164+54.33	LOOP D



NOTE: NOT DRAWN TO SPECIFIC SCALE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVING DETAILS**

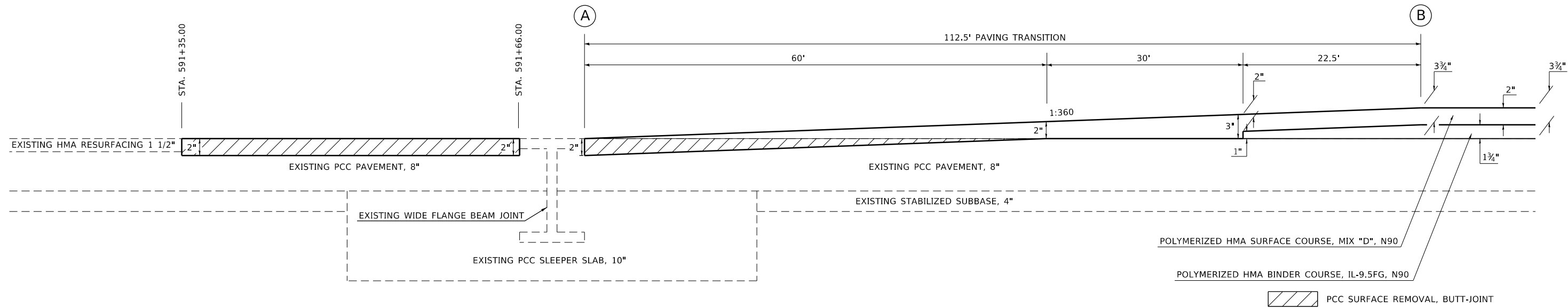
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



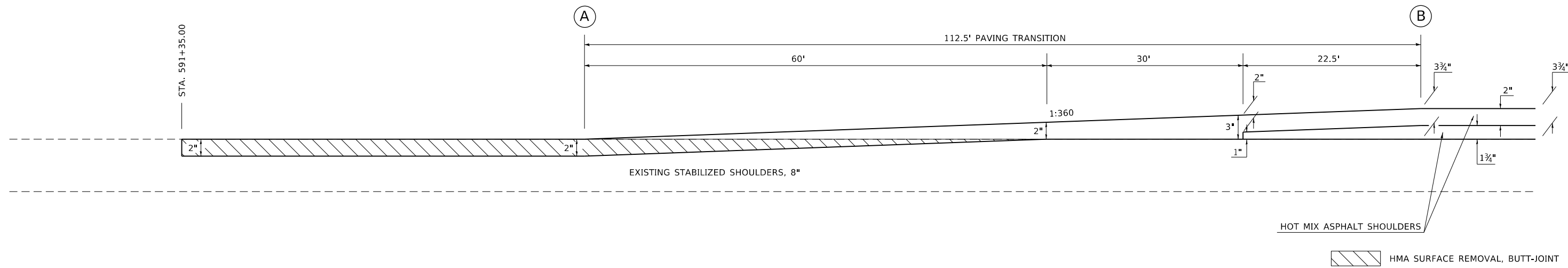
**PROPOSED BUTT JOINT AND PAVING DETAIL  
US-36 MAINLINE**

(A) STATION 591+66.84 TO STATION 592+79.34 (B)  
 US-36 EB SPUR



**PROPOSED BUTT JOINT AND PAVING DETAIL  
US-36 SHOULDERS**

(A) STATION 591+66.84 TO STATION 592+79.34 (B)  
 US-36 EB SPUR



NOTE: NOT DRAWN TO SPECIFIC SCALE

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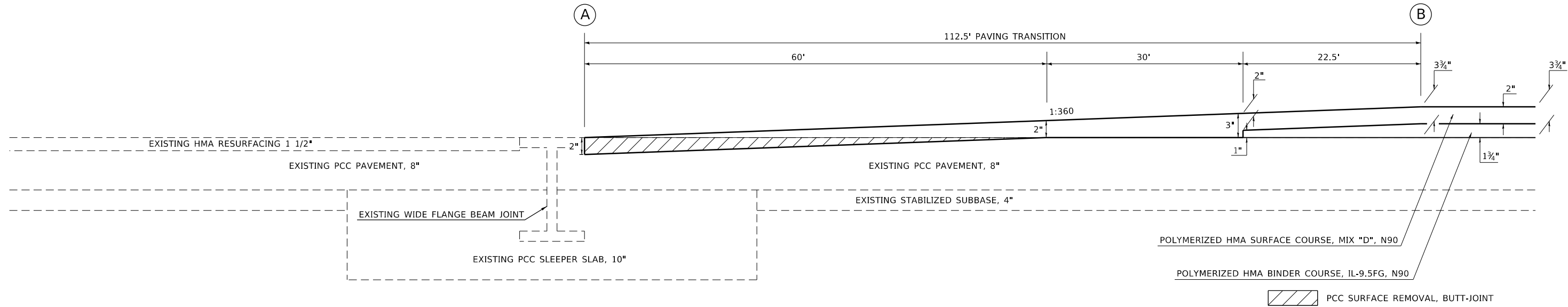
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVING DETAILS</b>			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

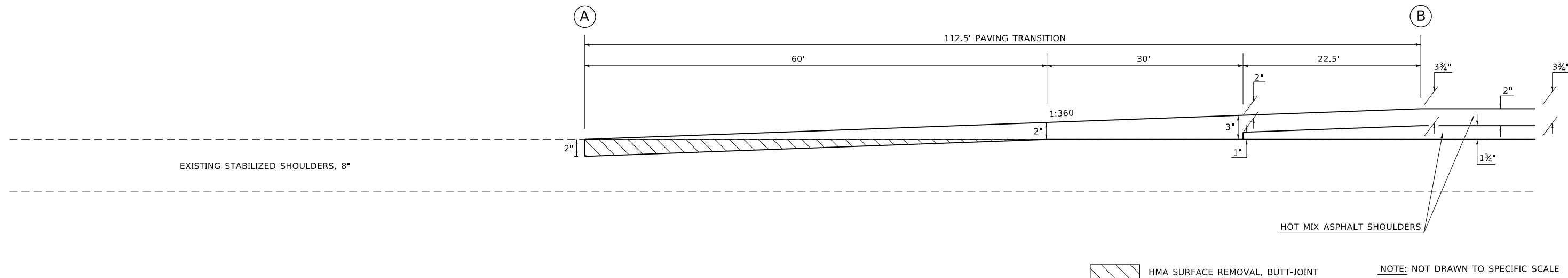
**PROPOSED BUTT JOINT AND PAVING DETAIL  
US-36 MAINLINE**

(A) STATION 392+19.00 TO STATION 393+31.50  
 US-36 WB SPUR



**PROPOSED BUTT JOINT AND PAVING DETAIL  
US-36 SHOULDERS**

(A) STATION 392+19.00 TO STATION 393+31.50  
 US-36 WB SPUR



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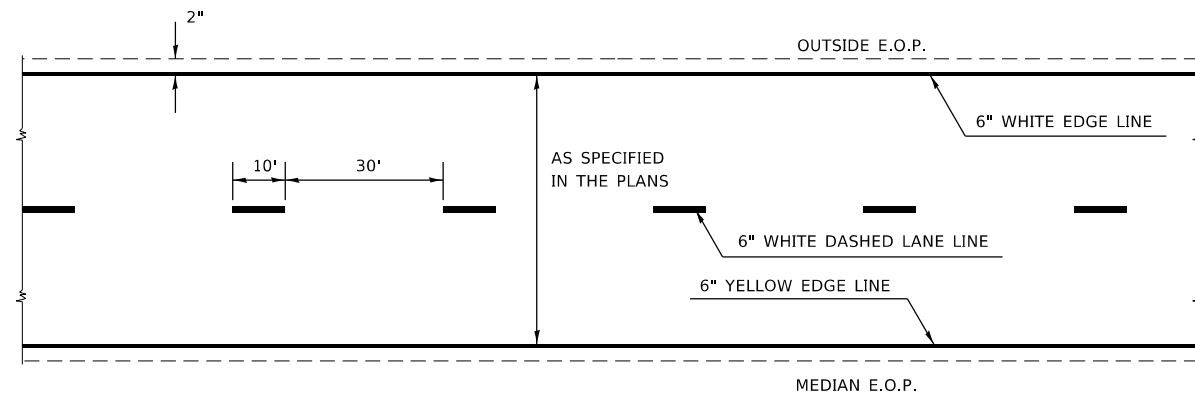
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.	
		PAVING DETAILS			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

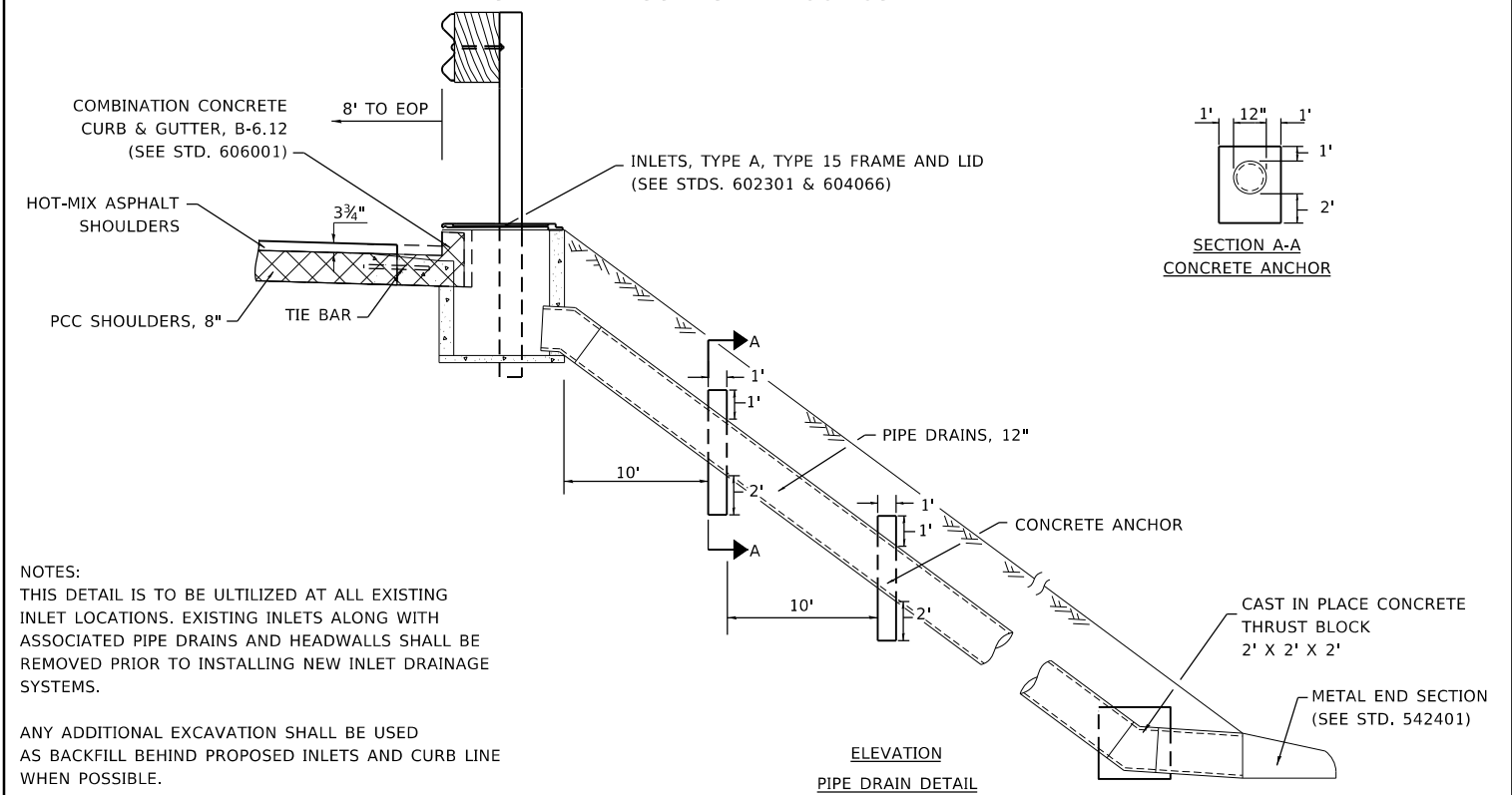
# TYPICAL CENTERLINE & EDGELINE MARKINGS



# INLET DETAILS

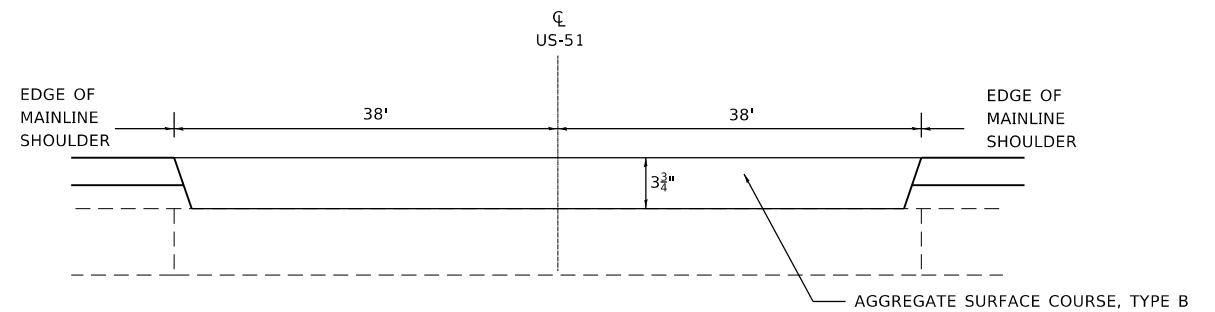
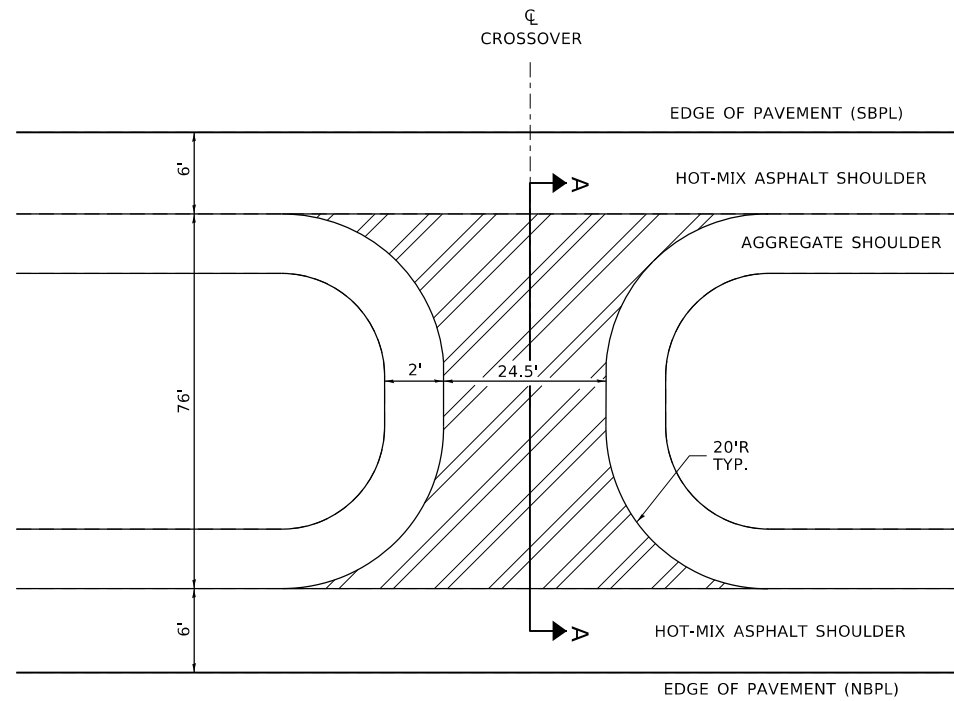
STA. 203+09 - STA. 205+31 RAMP E  
 STA. 274+35 - STA. 286+65 RAMP F

NOTE: NOT TO SCALE  
 PAVED SHOULDER REMOVAL



NOTES:  
 THIS DETAIL IS TO BE UTILIZED AT ALL EXISTING INLET LOCATIONS. EXISTING INLETS ALONG WITH ASSOCIATED PIPE DRAINS AND HEADWALLS SHALL BE REMOVED PRIOR TO INSTALLING NEW INLET DRAINAGE SYSTEMS.  
 ANY ADDITIONAL EXCAVATION SHALL BE USED AS BACKFILL BEHIND PROPOSED INLETS AND CURB LINE WHEN POSSIBLE.

# DETAIL OF MEDIAN CROSSOVER



SECTION A-A  
 STATION 372+67.00

AREA OF MEDIAN CROSSOVER

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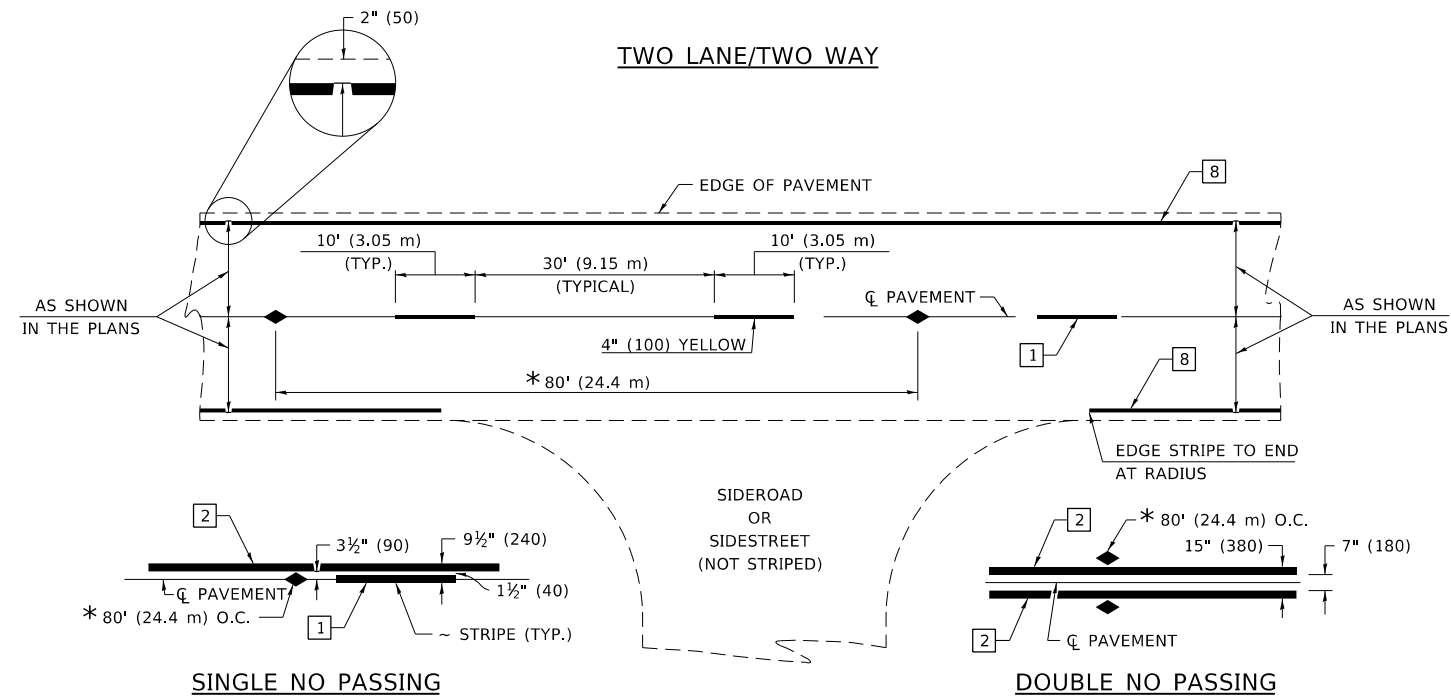
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### MISCELLANEOUS DETAILS

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

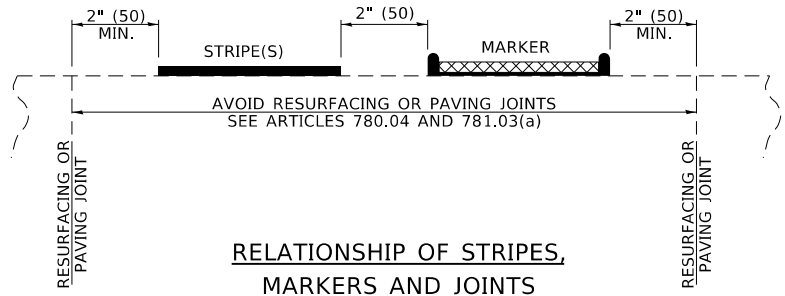
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	67
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

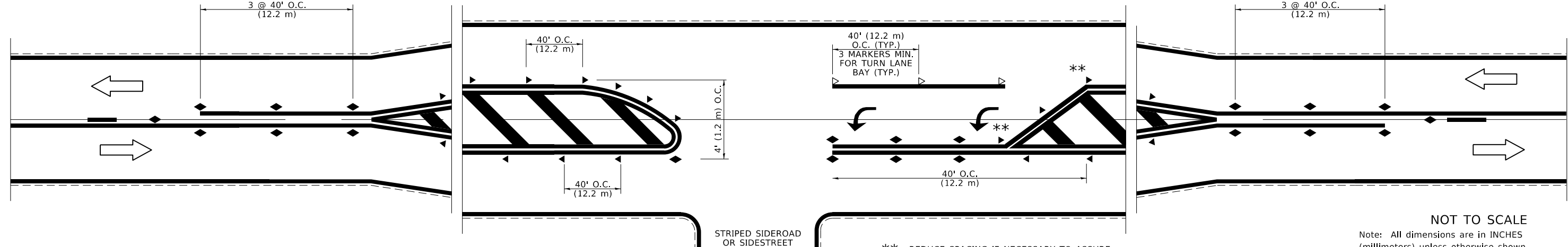


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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PROJECT: 74544\CADD\Drawings\DOT - Offices\Detail\7 - Pavement\74544\CADD\Drawings\DOT - Offices\Detail\7 - Pavement\74544.dwg

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PLOT DATE = 12/10/2020	DATE -	REVISED -

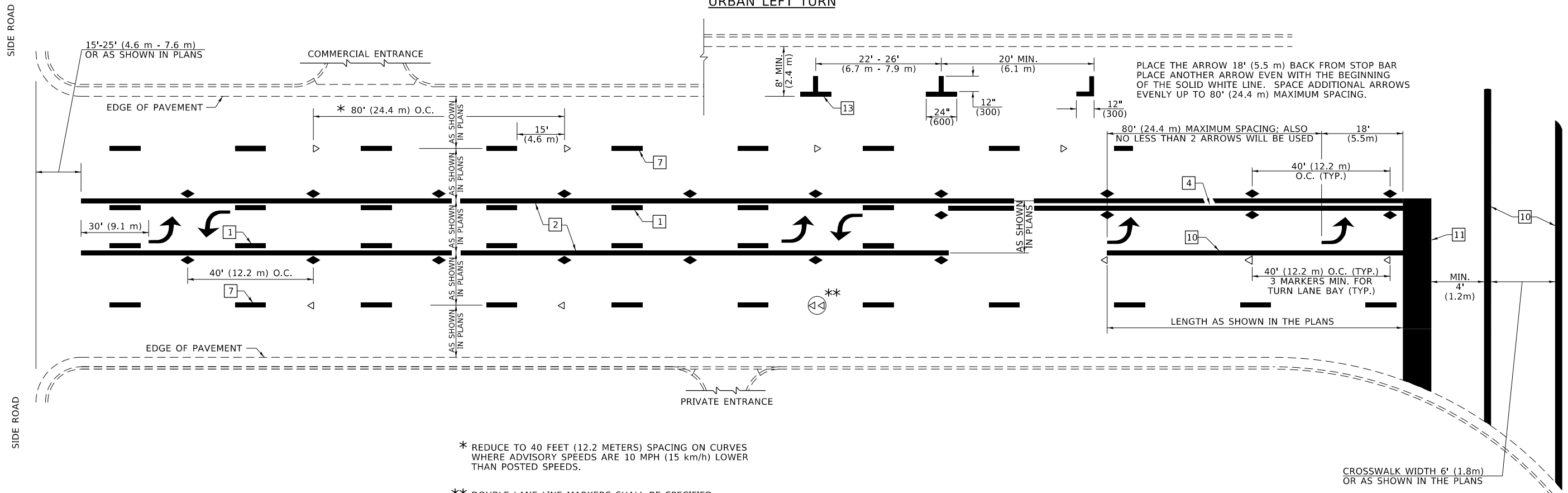
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	68
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		

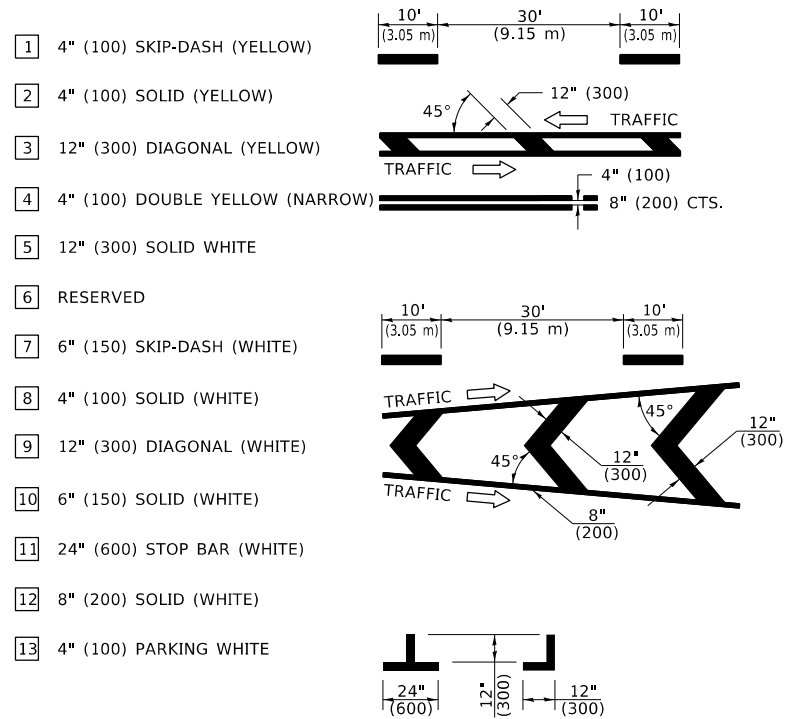
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

URBAN LEFT TURN



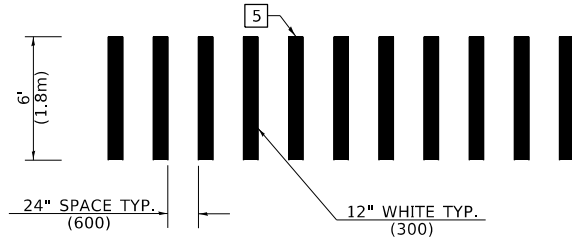
- \* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

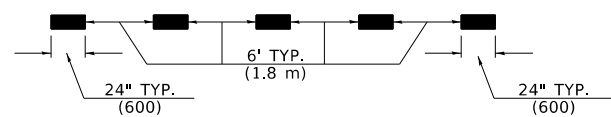


GENERAL NOTES

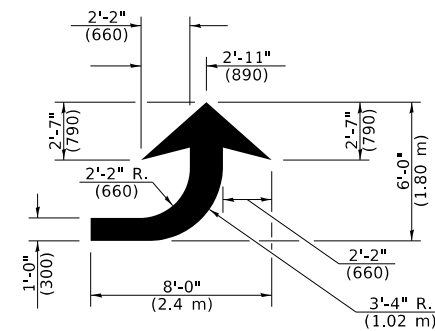
1. TURN ARROW PAIRS SHALL BE PLACED AT 250'(75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



CROSSWALK DETAIL  
(DECATUR CITY LIMITS ONLY)

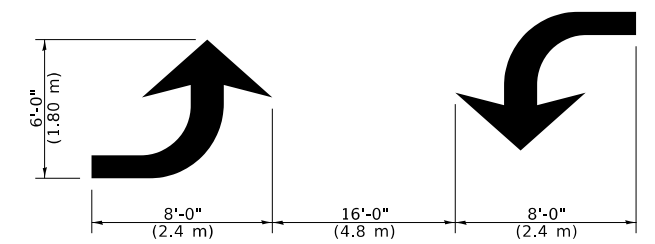


LANE LINE EXTENSIONS



LEFT ARROW

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



TYPICAL DOUBLE  
TURN ARROWS (WHITE)

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

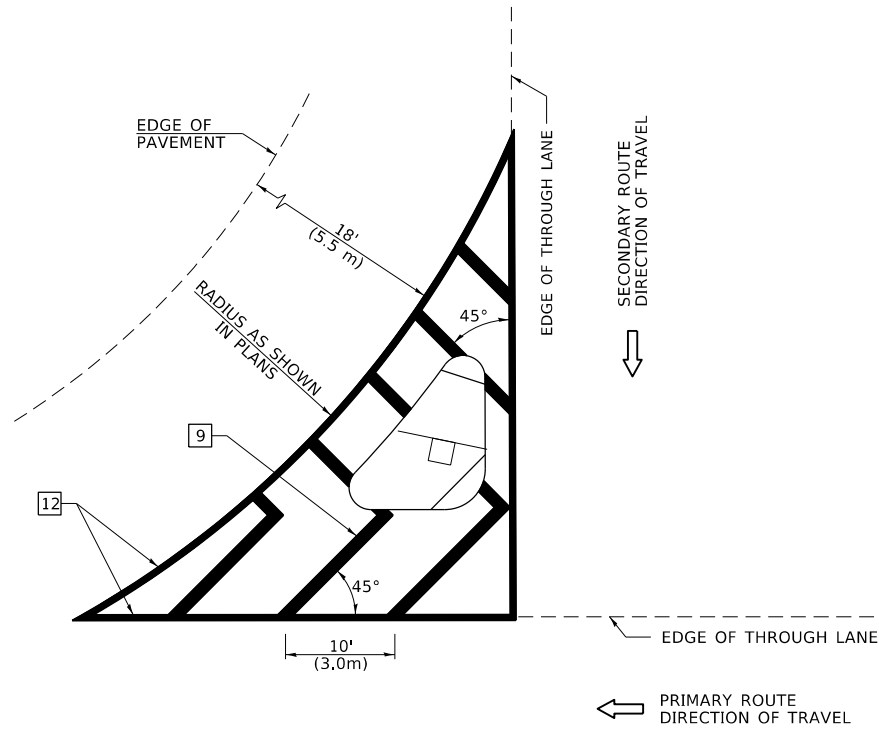
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)

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PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	69
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

**ISLAND**

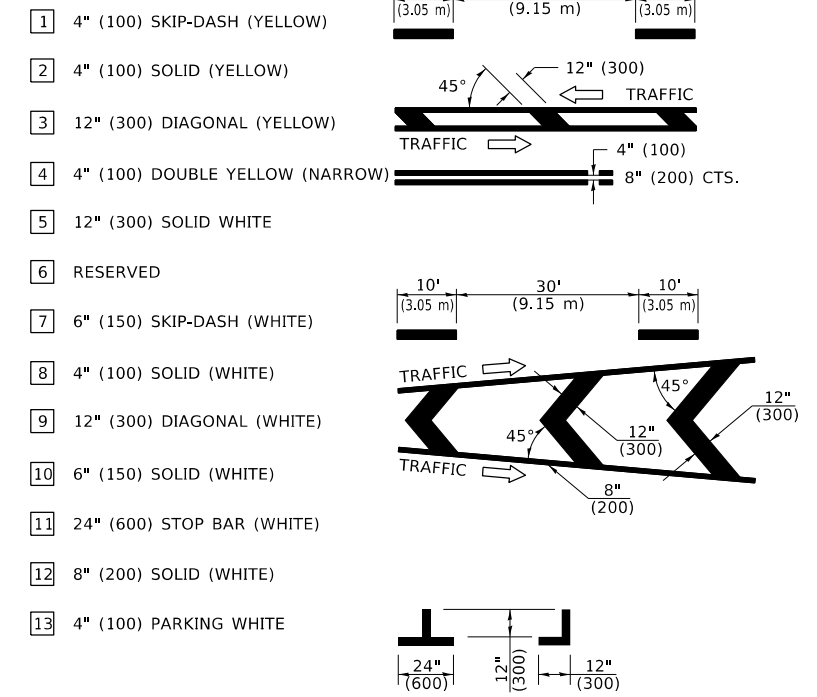


**GENERAL NOTES**

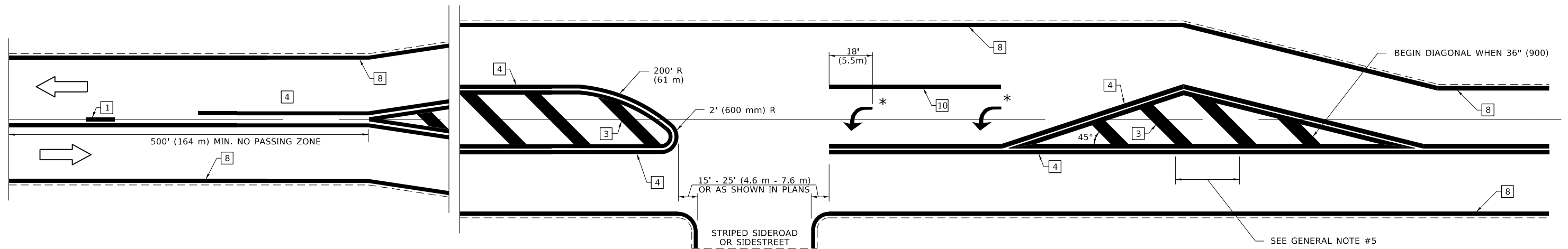
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

**NOT TO SCALE**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)**

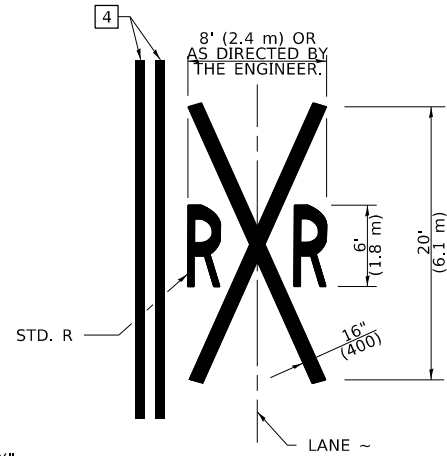
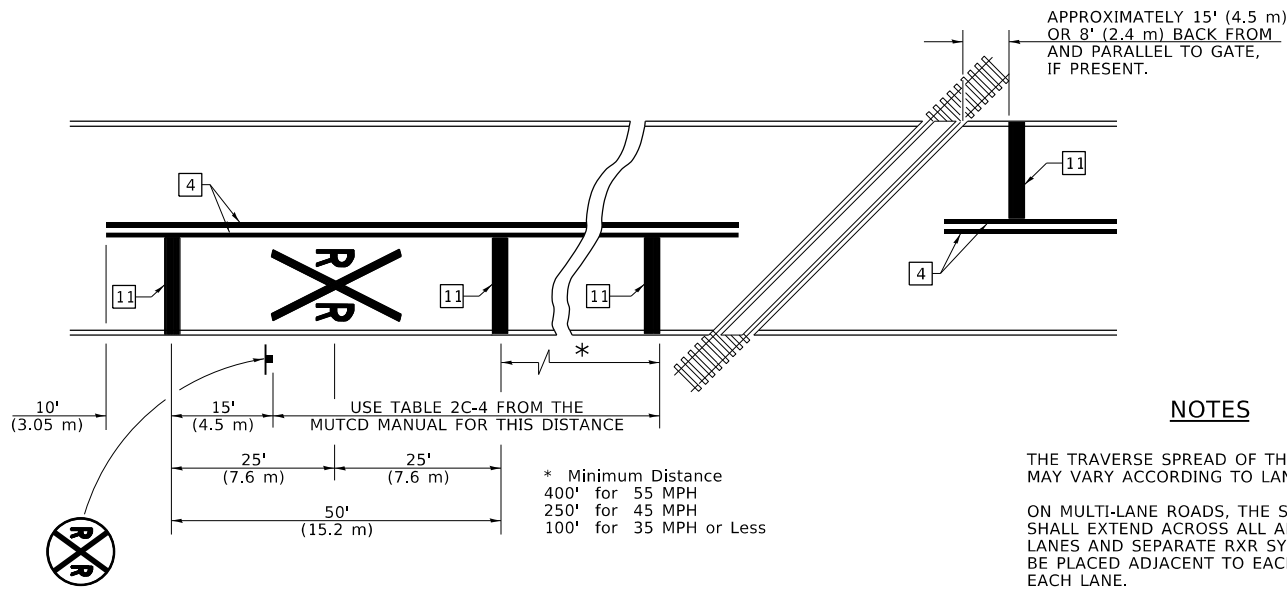
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*	(58-62)RS	MACON	74	70
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

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USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

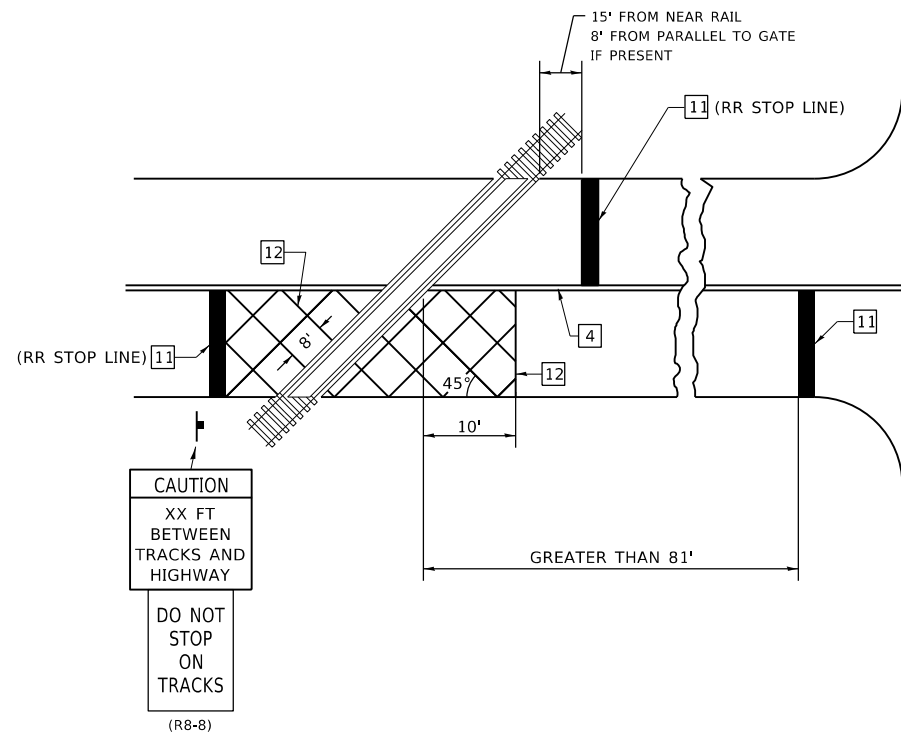
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

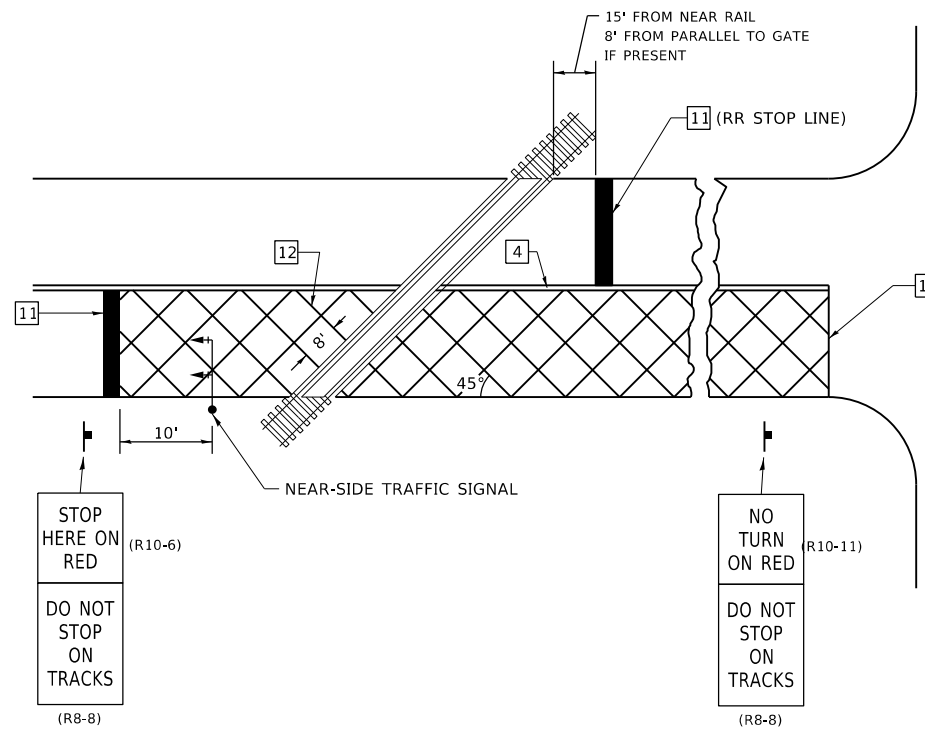
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

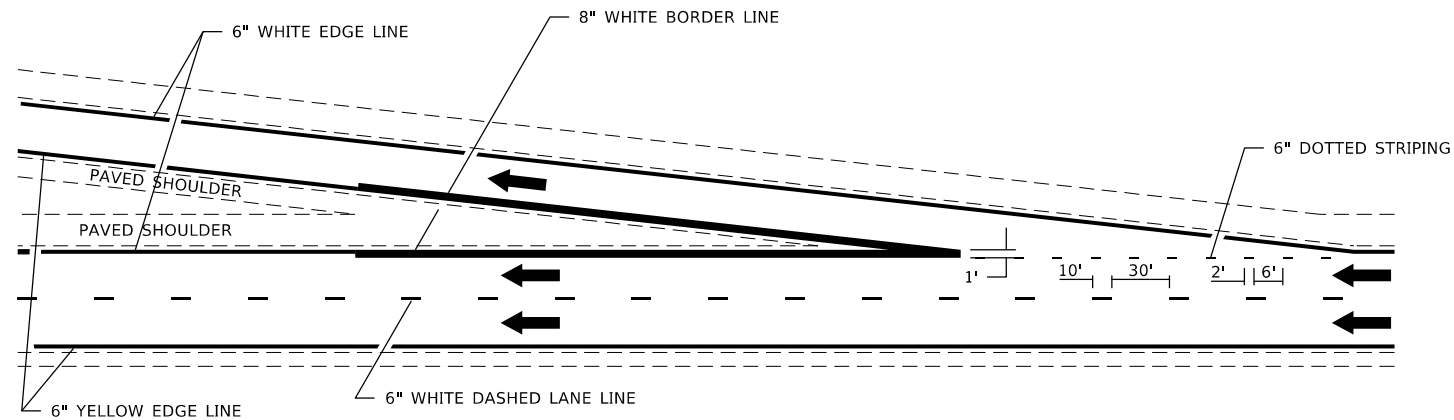
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL AND URBAN APPLICATIONS)

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

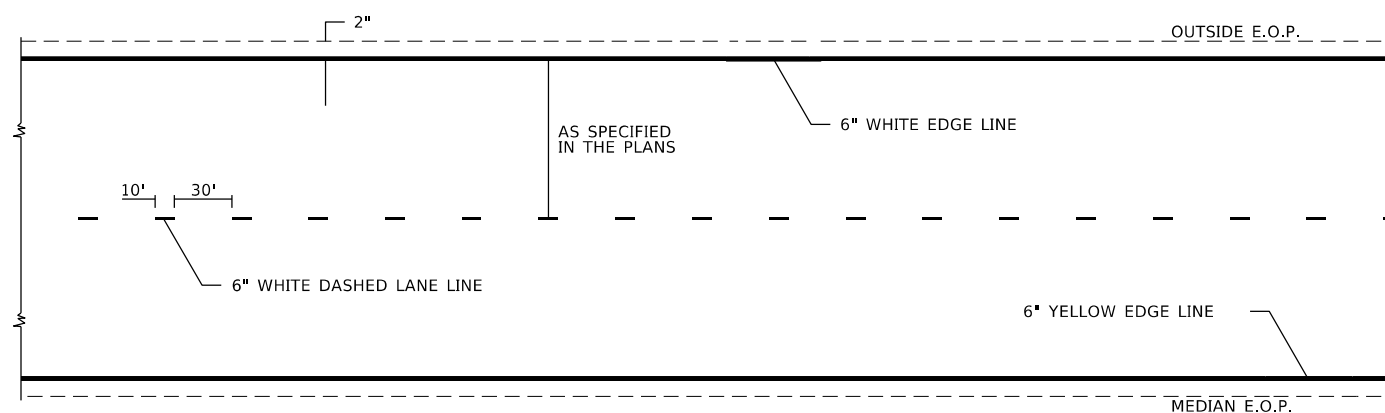
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	71
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

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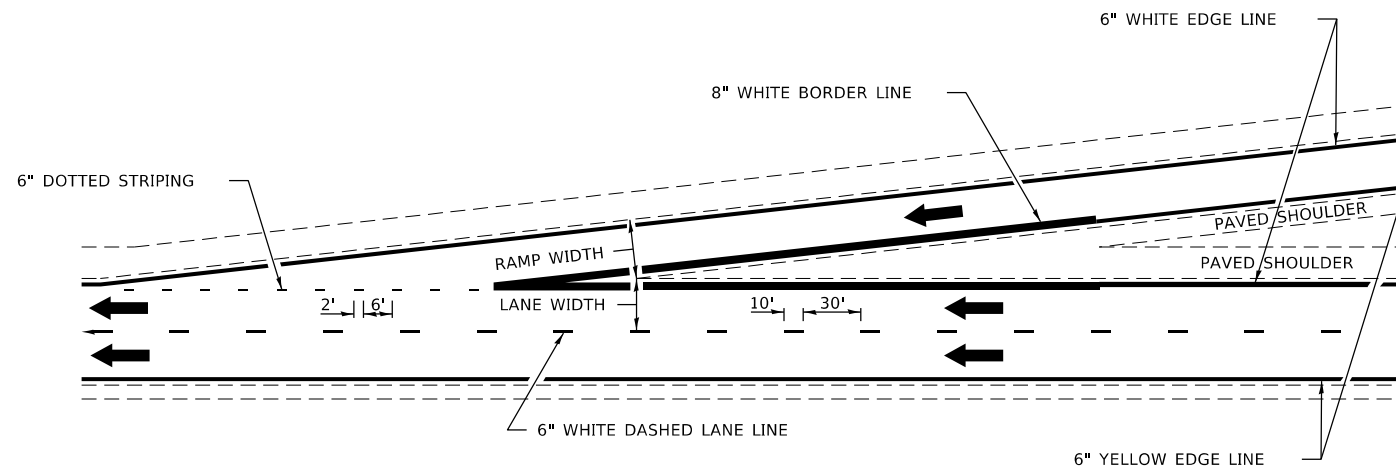
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLING & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

**DISTRICT 7 DETAIL NO. 7800002**

USER NAME = steffenmk	DESIGNED -	REVISED - MKS 04-08
	DRAWN -	REVISED - DRM 01-09
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - DRM 12-10
PLOT DATE = 12/10/2020	DATE -	REVISED - MAD 01-20

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

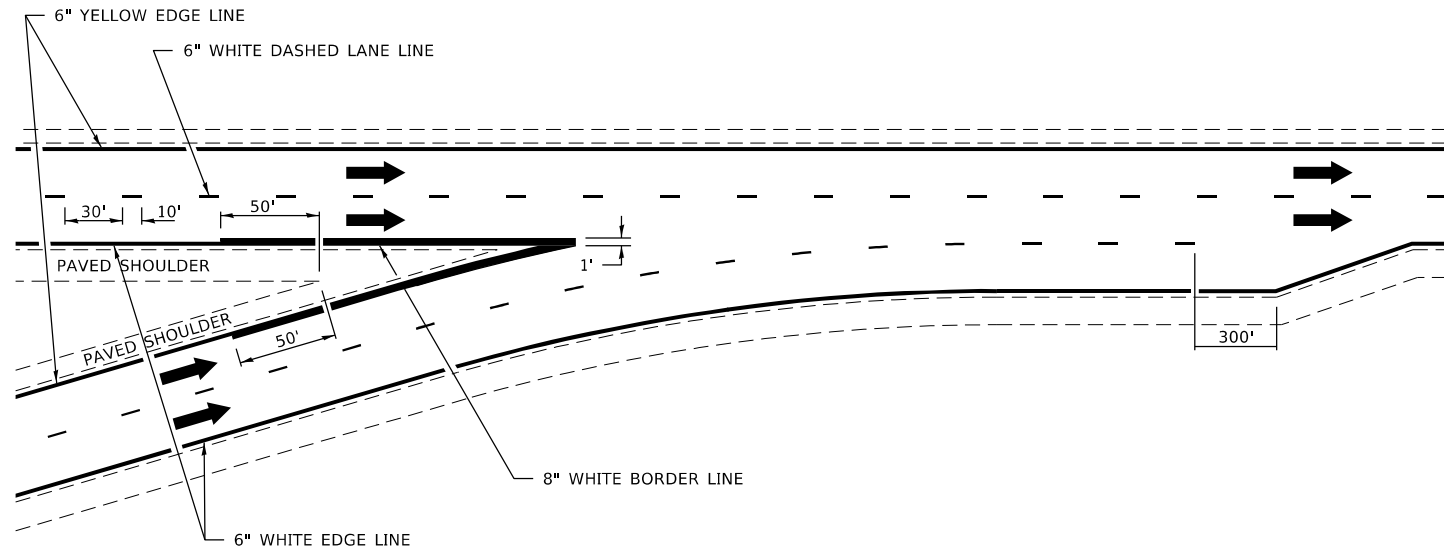
**TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY  
PAVEMENT MARKING**

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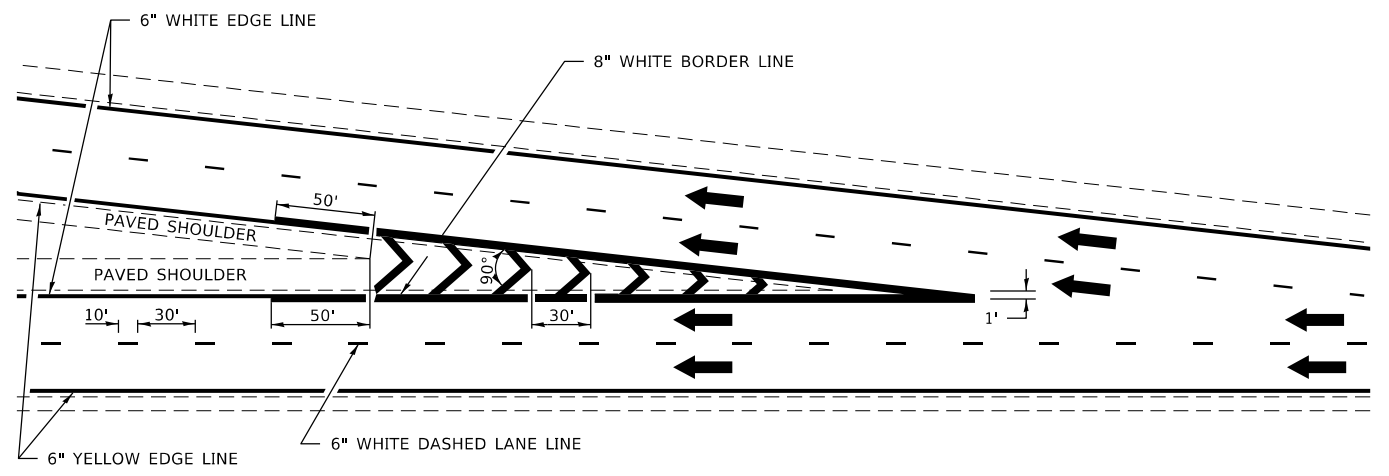
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	72
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

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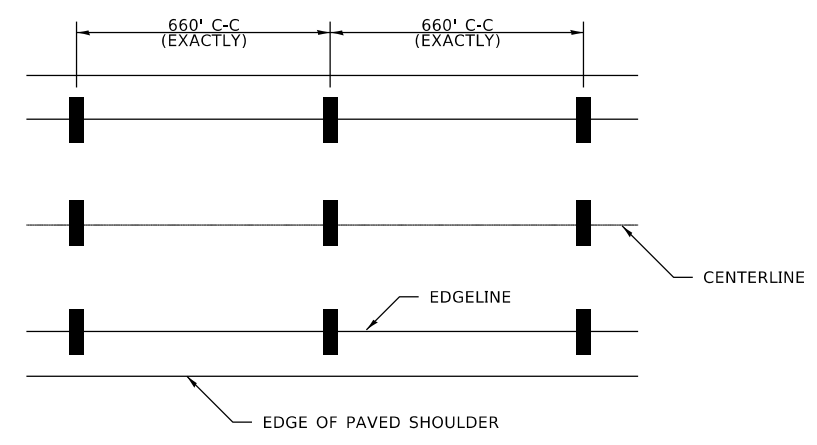


TYPICAL CONVERGENCE MARKING

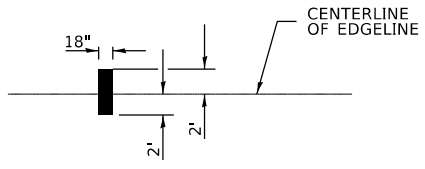


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



NOT TO SCALE

DISTRICT 7 DETAIL NO. 7800002

USER NAME = steffenmk	DESIGNED -	REVISED -	MMO 12-99
	DRAWN -	REVISED -	DRM 08-04
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	MKS 04-08
PLOT DATE = 12/10/2020	DATE -	REVISED -	DRM 01-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

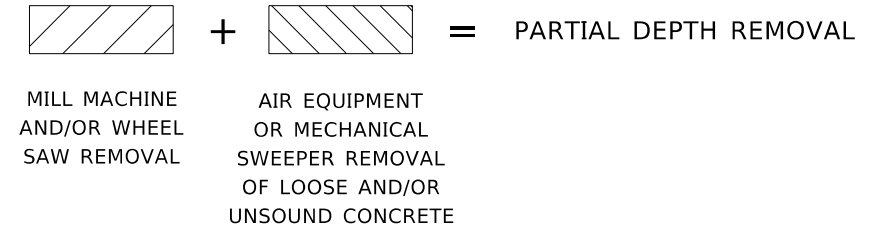
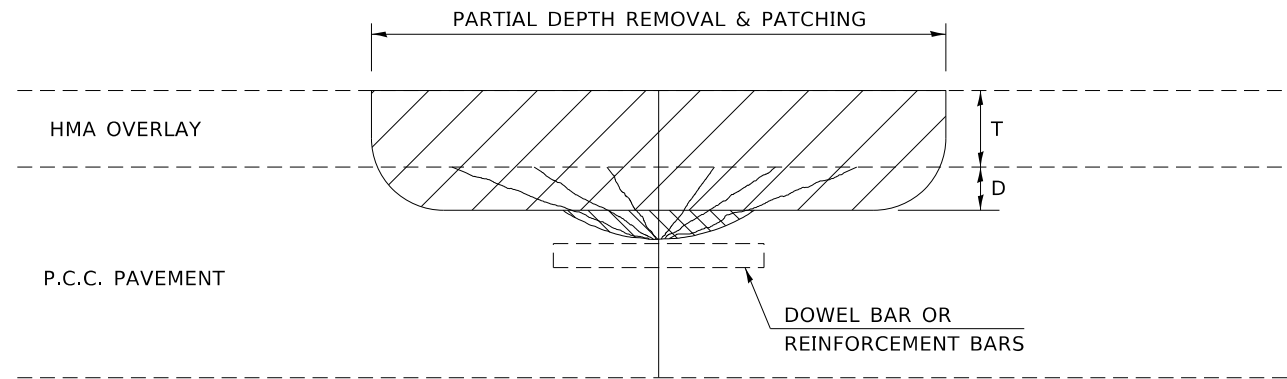
TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY  
PAVEMENT MARKING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(58-62)RS	MACON	74	73
* - FAP 322A / FAP 323		CONTRACT NO. 74544		
ILLINOIS FED. AID PROJECT				

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**RESURFACED PCC PAVEMENT**



**GENERAL NOTES**

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

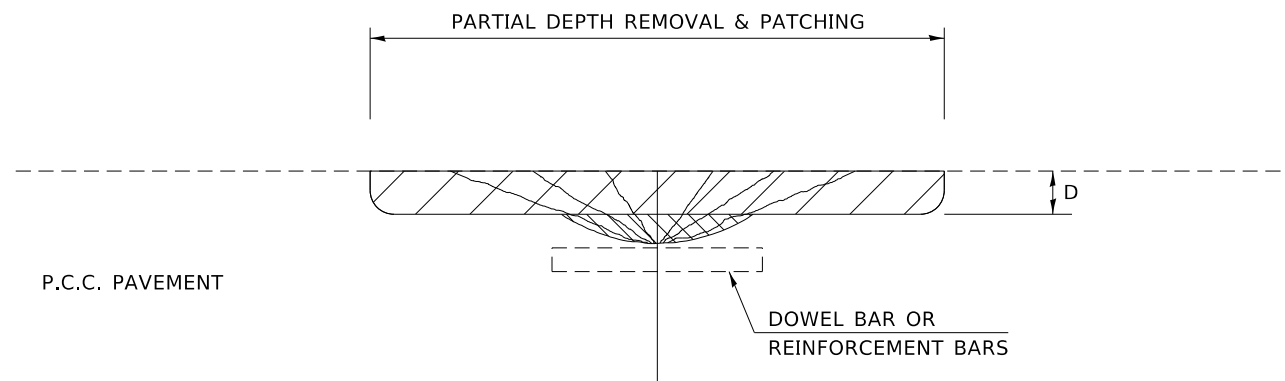
SEE GENERAL NOTES FOR MIXTURE REQUIREMENTS.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) | OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

**BARE PCC PAVEMENT**



NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: Default  
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

**DISTRICT 7 DETAIL NO. X4421000**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(58-62)RS	MACON	74	74
* - FAP 322A / FAP 323			CONTRACT NO. 74544	
ILLINOIS		FED. AID PROJECT		