

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	1

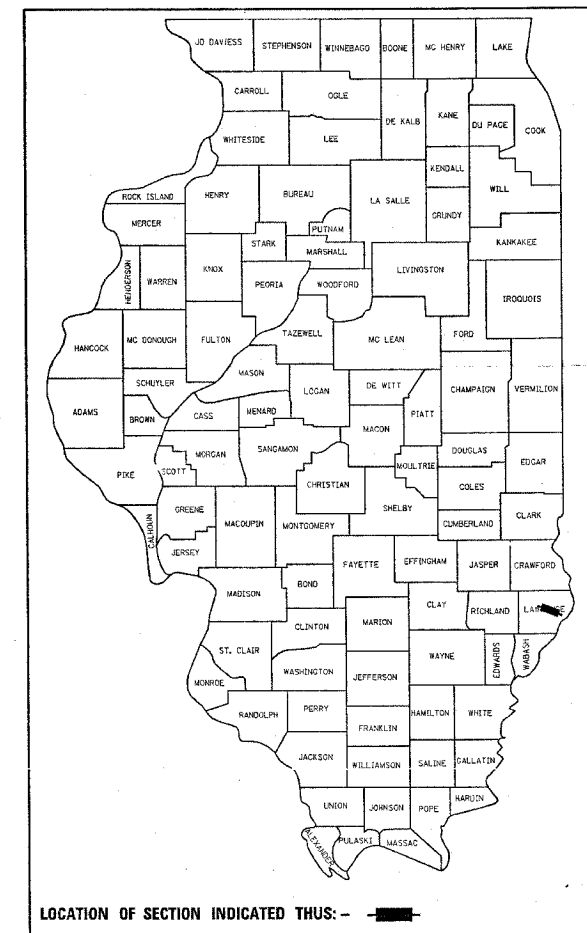
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAS ROUTE 1808 (OLD US 50)  
SECTION (1)RS-2  
LAWRENCE COUNTY

C-97-076-04

D-97-038-04



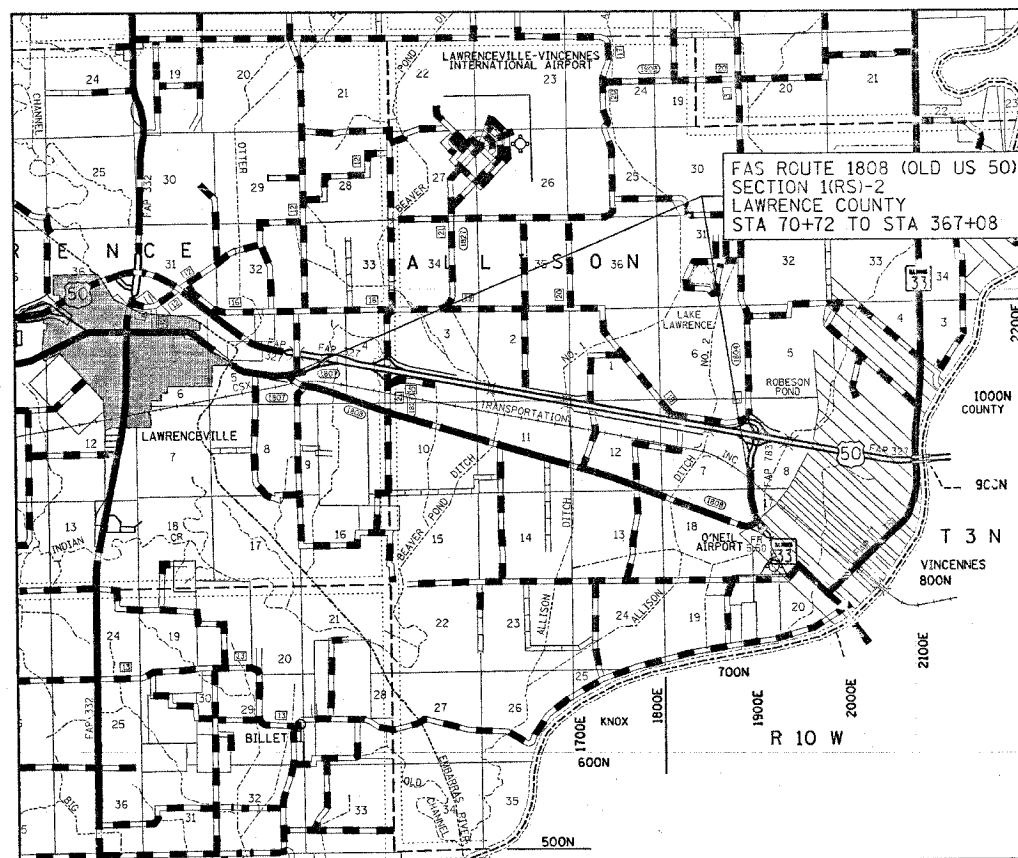
LOCATION OF SECTION INDICATED THUS: —■—

FOR INDEX OF SHEETS, SEE SHEET NO. 2

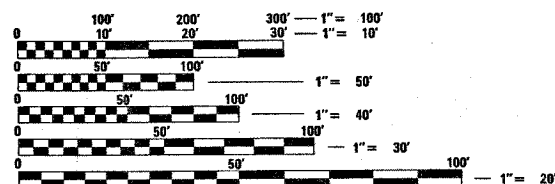
STRUCTURE OMISSIONS

STATION	TO	STATION
75+32.26	TO	78+41.24
163+95	TO	164+65
200+35	TO	200+95
248+91	TO	249+48
309+34	TO	309+78
343+76	TO	343+98

R 10 W



2003 ADT = 3750



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 EXCAVATION  
1-800-892-0123

PROJECT ENGINEER: BILL STANLEY  
SQUAD LEADER: MYRA OLTMAN  
DESIGNER: KAREN THOLE  
TELEPHONE: (217) 342-3951 EXT: 314

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Oct 17 20 05  
Christina M. Deardorff  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9, 20 05  
Mike Nix  
ENGINEER OF DESIGN AND ENVIRONMENT

December 9, 20 05  
Eric Harshbarger  
DEPUTY DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 74058 TOWNSHIP: ALLISON

GROSS LENGTH = 29,636 FEET 5.60 MILES  
NET LENGTH = 29,074 FEET 5.50 MILES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**GENERAL NOTES**

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON OLD US ROUTE 50 IN LAWRENCE COUNTY FROM CSXT RR EAST OF LAWRENCEVILLE FOR 5.6 MILES EAST TO ILLINOIS ROUTE 33. THE WORK INCLUDED IN SECTION (1)R-2 CONSISTS OF PAVEMENT PATCHING, MILLING, BITUMINOUS RESURFACING, AGGREGATE SHOULDER WEDGE, PAVEMENT MARKING, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), AND BITUMINOUS SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 9911 FEET OF YELLOW AND 58089 FEET OF WHITE. THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 24" CONSISTS OF 19 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 367 TWO-WAY AMBER.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B AND AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR R.A.P.

BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.18 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE THICKNESS OF THE PAVEMENT THAT IS TO BE PATCHED IS 11"-12".

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE: SURFACE COURSE  
 APPLICATION: BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE  
 PG GRADE: PG 64-22  
 RAP%: 15%  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 50  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: INCIDENTAL BITUMINOUS SURFACE (DRIVEWAYS)  
 APPLICATION: INCIDENTAL BITUMINOUS SURFACING SUPERPAVE  
 PG GRADE: PG 64-22  
 RAP%: 15%  
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 50  
 MIXTURE COMPOSITION: IL-9.5  
 FRICTION AGGREGATE: MIXTURE C

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU. YD.
AGGREGATE SHOULDERS	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ. YD.
AGGREGATE (PRIME COAT)	4 LBS./SQ. YD.
BITUMINOUS CONCRETE	112 LBS./SQ. YD./INCH

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	ENTRANCE SCHEDULE & MAILBOX TURNOUT DETAIL
7	RESURFACING, PAVEMENT MARKING & PATCHING SCHEDULE, MILLING & BUTT JOINT DETAIL
8-13	PLAN SHEETS
14-15	TYPICAL APPLICATION OF PAVEMENT MARKINGS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO 15.

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001	AREAS OF REINFORCEMENT BARS
406201	MAILBOX TURNOUT
442201-01	CLASS C AND D PATCHES
482006-01	BITUMINOUS SHOULDER ADJACENT TO RIGID PAVEMENT
701001-01	OFF-RD OPERATIONS, 2L, 2W, 15 FT. MIN. AWAY, FOR SPEEDS >=45 MPH
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15 FT. TO 2 FT. AWAY, FOR SPEEDS >=45 MPH
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY, FOR SPEEDS >=45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT-TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING DAY ONLY OPERATIONS, FOR SPEEDS >=45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING DAY ONLY OPERATIONS
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >=45 MPH
702001-00	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES  
&  
INDEX OF SHEETS**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
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DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 100% STATE		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	215	215		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	7334	7334		
40600300	AGGREGATE (PRIME COAT)	TON	147	147		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	733	733		
40600990	TEMPORARY RAMP	SQ YD	589	589		
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	5040	5040		
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	68301	68301		
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	270	270		
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	586	586		
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	51	51		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2082	2082		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	8891	8891		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	68000	68000		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	19	19		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	988	988		
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	68000	68000		
*78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	19	19		
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	367	367		
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	6161	6161		
X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50	TON	36	36		

\* SPECIALTY ITEMS

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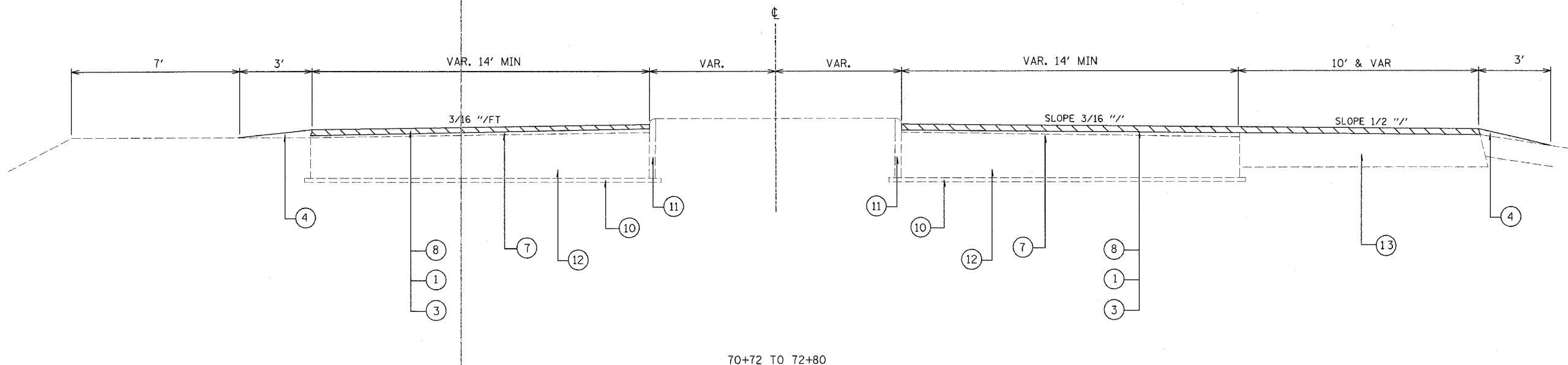
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SUMMARY OF QUANTITIES

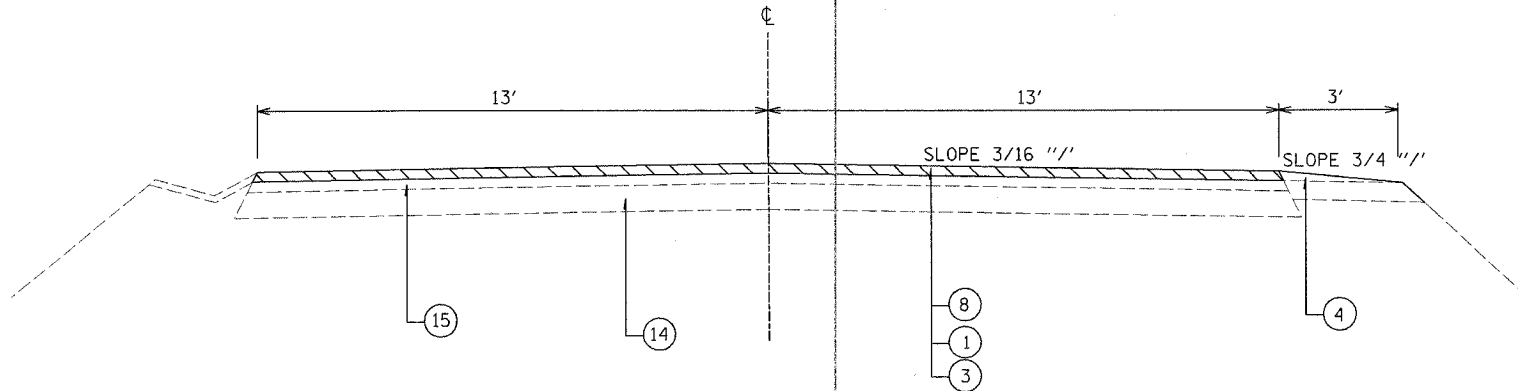
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1808	(DRS-2	LAWRENCE	15	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



70+72 TO 72+80

- 1 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- 2 BITUMINOUS SURFACE REMOVAL, (VARIABLE DEPTH)
- 3 BITUMINOUS SURFACE REMOVAL, 1 1/2"
- 4 AGGREGATE SHOULDERS, TYPE B
- 5 EXISTING CONCRETE PAVEMENT
- 6 EXISTING BITUMINOUS RESURFACING (NOT ALONG ENTIRE LENGTH)
- 7 EXISTING LEVELING BINDER (MACHINE METHOD), 1/2"
- 8 EXISTING BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, 1 1/2"
- 9 EXISTING BITUMINOUS CONCRETE WIDENING, 8"
- 10 EXISTING GRANULAR SUB-BASE
- 11 EXISTING CONCRETE CURB
- 12 EXISTING PCC PAVEMENT, 10"
- 13 EXISTING BITUMINOUS SHOULDERS, 8"
- 14 EXISTING BITUMINOUS BASE COURSE, 8"
- 15 BITUMINOUS CONCRETE BINDER COURSE, 1 1/2"  
*EXISTING*



72+80 TO 84+10

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

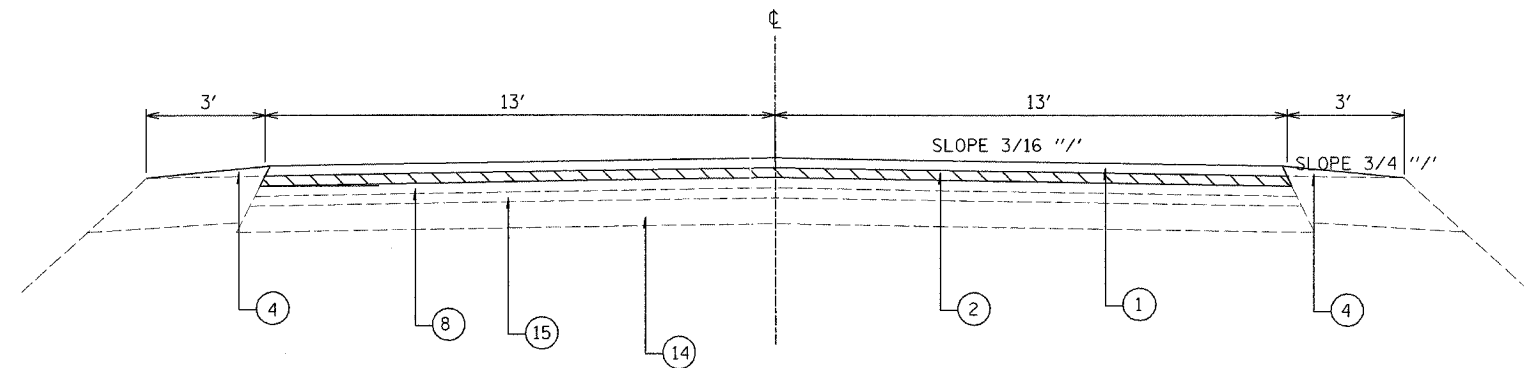
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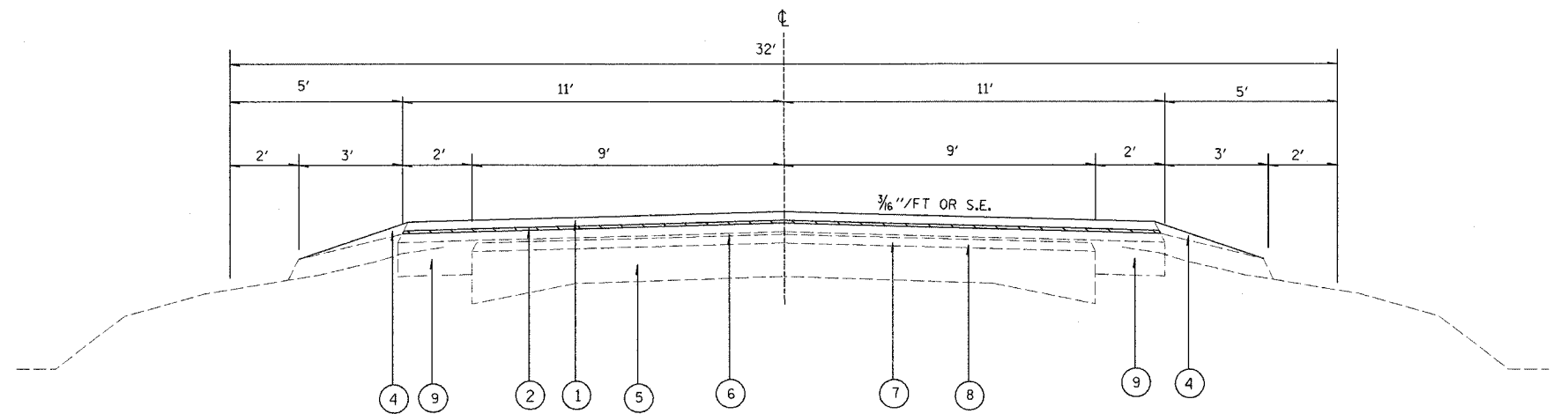
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

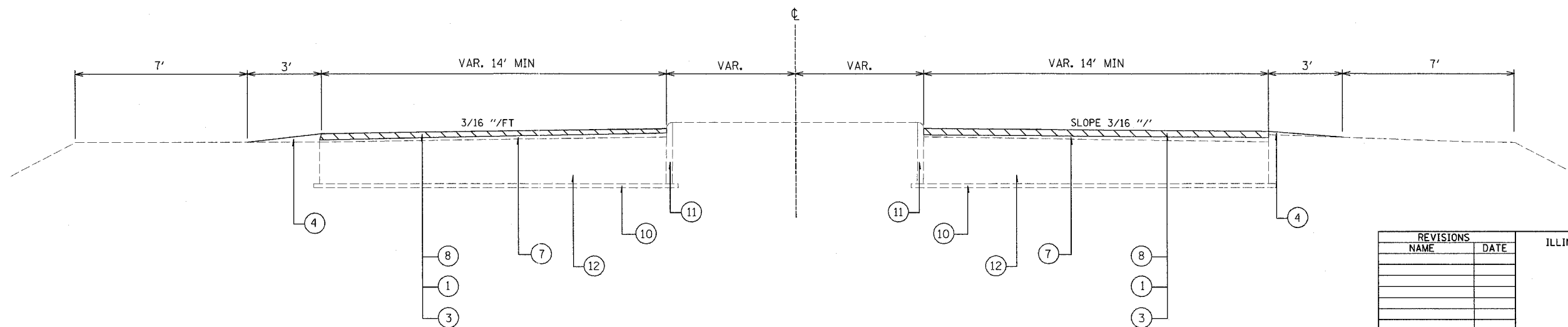


84+10 TO 86+27

- 1 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- 2 BITUMINOUS SURFACE REMOVAL, (VARIABLE DEPTH)
- 3 BITUMINOUS SURFACE REMOVAL, 1 1/2"
- 4 AGGREGATE SHOULDERS, TYPE B
- 5 EXISTING CONCRETE PAVEMENT
- 6 EXISTING BITUMINOUS RESURFACING (NOT ALONG ENTIRE LENGTH)
- 7 EXISTING LEVELING BINDER (MACHINE METHOD), 1/2"
- 8 EXISTING BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, 1 1/2"
- 9 EXISTING BITUMINOUS CONCRETE WIDENING, 8"
- 10 EXISTING GRANULAR SUB-BASE
- 11 EXISTING CONCRETE CURB
- 12 EXISTING PCC PAVEMENT, 10"
- 13 EXISTING BITUMINOUS SHOULDERS, 8"
- 14 EXISTING BITUMINOUS BASE COURSE, 8"
- 15 EXISTING BITUMINOUS CONCRETE BINDER COURSE, 1 1/2"



86+27 TO 365+25



365+25 TO 367+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

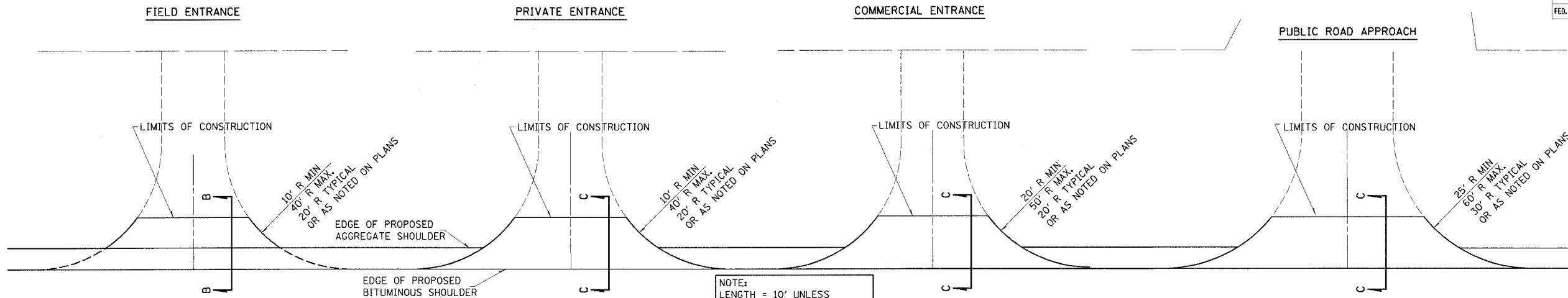
**TYPICAL SECTIONS**

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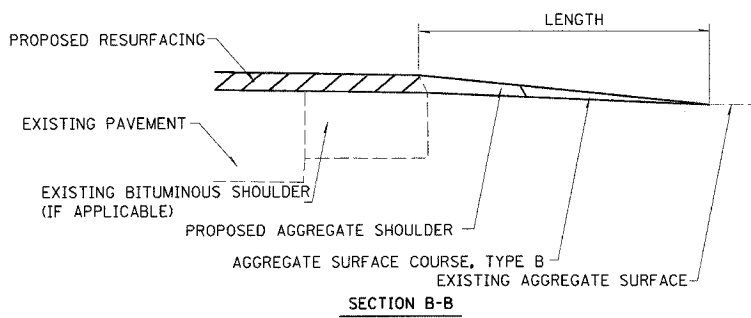
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

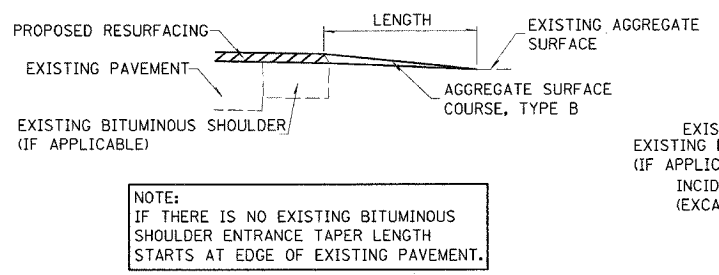
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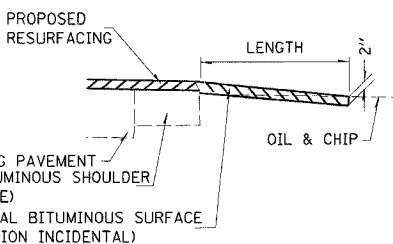
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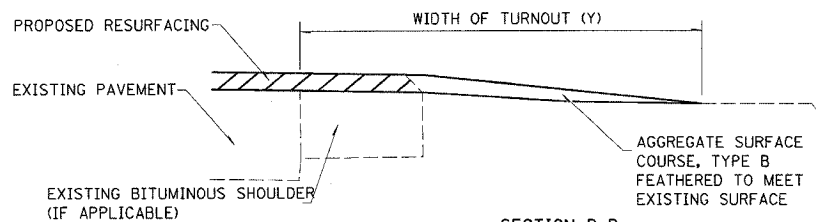
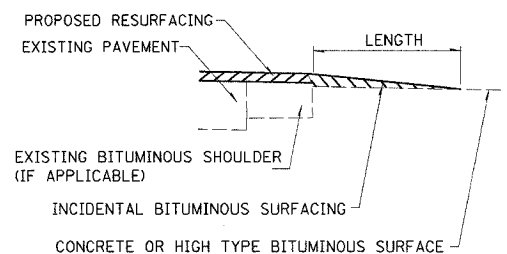
SECTION B-B



NOTE:  
IF THERE IS NO EXISTING BITUMINOUS SHOULDER ENTRANCE TAPER LENGTH STARTS AT EDGE OF EXISTING PAVEMENT.



SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT  
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

SIDE	STATION	TYPE	INCIDENTAL BITUMINOUS SURFACING*		AGGREGATE SURFACE COURSE, TYPE B
			TON	TON	
RT	81+38	PRA	3.0		
RT	82+33	PRA	4.0		
RT	84+83	PE		6.5	
LT	90+66	PE		1.9	
LT	91+52	MBT		2.9	
LT	91+70	PE		1.8	
RT	91+90	PE		1.4	
RT	92+01	MBT		2.3	
RT	93+20	MBT		2.3	
RT	93+30	PE		1.9	
LT	93+64	PE		2.7	
LT	93+85	MBT		2.3	
RT	95+72	PE		3.0	
RT	95+82	MBT		1.4	
LT	96+49	MBT		1.9	
LT	96+59	PE		2.0	
RT	98+40	MBT		2.5	
RT	98+64	PE		2.8	
RT	99+83	MBT		2.2	
RT	99+96	PE		1.9	
RT	101+07	PE		1.8	
RT	101+19	MBT		2.0	
RT	102+44	PE		1.9	
RT	103+13	MBT		2.4	
RT	103+28	PE	1.7		
RT	103+90	PE		1.5	
RT	104+10	MBT		2.5	
RT	104+58	PE		1.7	
RT	105+93	MBT		2.7	
RT	106+12	PE		1.9	
RT	106+72	PE		1.9	
RT	106+88	MBT		2.0	
RT	110+12	MBT		3.2	
RT	110+46	PE		2.8	
RT	116+74	MBT		2.4	
RT	116+99	PE		3.2	
LT	117+60	PE		1.5	
LT	118+12	MBT		3.2	
LT	118+47	PE		2.8	
LT	122+00	PE		2.2	
RT	121+83	MBT		2.6	
RT	122+45	CE		8.7	
LT	122+89	MBT		3.6	
RT	132+73	PE		1.8	
RT	134+08	PRA	2.7		
LT	134+27	PRA	9.9		
RT	144+80	PE		3.2	
LT	148+68	PE		3.5	
LT	149+13	PE		2.5	
LT	149+50	PE		3.0	
LT	150+40	MBT		2.5	
LT	150+55	PE		1.7	
LT	154+03	MBT		2.5	
LT	154+19	PE		1.7	
LT	156+06	MBT		2.1	
LT	156+23	PE		2.4	
LT	157+50	PE		2.4	
RT	158+48	PE		1.7	
RT	165+58	PE		1.8	
LT	176+05	PE		1.4	
RT	176+47	PE		3.0	
RT	190+38	PE		1.8	
RT	204+25	PRA		5.2	
RT	211+61	PE		1.7	
LT	221+47	PE		6.9	
RT	222+93	PE		1.9	
RT	223+13	MBT		2.3	
LT	225+66	PE		2.8	
LT	232+96	PE		1.9	
RT	233+25	PE		4.7	
LT	255+43	PRA		5.4	
RT	255+89	PE		1.9	
RT	261+85	FE		2.8	
LT	268+97	FE		1.9	
RT	274+84	FE		2.2	
RT	284+17	MBT		3.5	
RT	284+55	PE		1.8	
RT	285+00	PE		1.7	
LT	287+98	PRA		2.8	
RT	288+15	PRA		4.3	
LT	290+22	PE		4.5	
LT	290+57	MBT		2.1	
RT	303+50	FE		1.3	
LT	304+05	FE		3.0	
RT	336+63	FE		5.2	
RT	356+27	FE		1.6	
RT	360+40	PRA	3.3		
LT	123+80	TO			
LT	128+68		11.3		
	TOTAL		36	215	

FE - FIELD ENTRANCE  
PE - PRIVATE ENTRANCE  
CE - COMMERCIAL ENTRANCE  
PRA - PUBLIC ROAD APPROACH  
MBT - MAILBOX TURNOUT

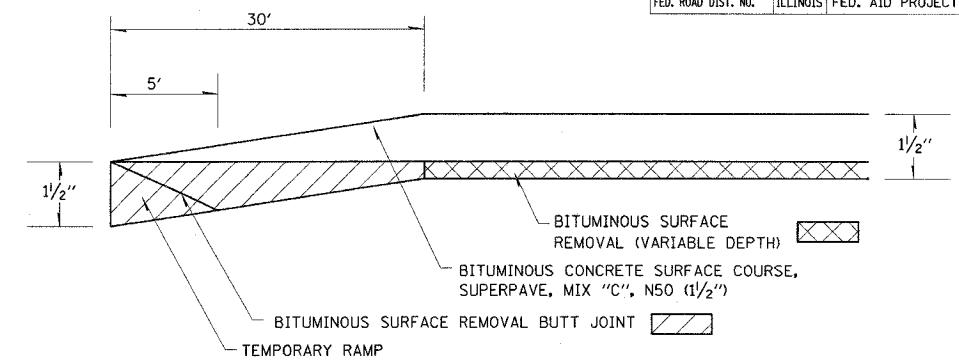
\*BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO INCIDENTAL BITUMINOUS SURFACING AS NOTED IN THE SPECIAL PROVISIONS

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(IRS-2)	LAWRENCE	15	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RESURFACING SCHEDULE

STATION TO STATION	LENGTH	PAVEMENT WIDTH	AREA	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	BITUMINOUS SURFACE REMOVAL 1 1/2"	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP
70+72.00 TO 75+32.26	460.26	VARIABLE	18866	210	4	176			2096	29	118
75+32.26 TO 78+41.24	308.98	BRIDGE OMISSION									
78+41.24 TO 84+10.00	568.76	24.00	13650	152	3	127			1517	17	13
84+10.00 TO 84+40.00	30	24.00	720	8	0	7				2	
84+40.00 TO 86+27.00	187	24.00	4488	50	1	42		80		10	
86+27.00 TO 163+95.00	7768	22.00	170896	1899	38	1595	73	18988		555	12
163+95.00 TO 164+65.00	70	BRIDGE OMISSION									
164+65.00 TO 200+35.00	3570	22.00	78540	873	18	733	147	8727		263	24
200+35.00 TO 200+95.00	60	BRIDGE OMISSION									
200+95.00 TO 248+91.00	4796	22.00	105512	1172	23	985	147	11724		343	24
248+91.00 TO 249+48.00	57	BRIDGE OMISSION									
249+48.00 TO 309+34.00	5986	22.00	131692	1463	29	1229	147	14632		448	24
309+34.00 TO 309+78.00	44	BRIDGE OMISSION									
309+78.00 TO 343+76.00	3398	22.00	74756	831	17	698	147	8306		252	24
343+76.00 TO 343+98.00	22	BRIDGE OMISSION									
343+98.00 TO 363+07.00	1909	22.00	41998	467	9	392	73	4666		140	
363+07.00 TO 364+75.00	168	VARIABLE	4888	54	1	46		543		13	
364+75.00 TO 365+05.00	30	VARIABLE	1211	14	0	11		135		2	
365+05.00 TO 367+08.00	203	VARIABLE	12843	143	3	120			1427	7	347
	29636		660060	7334	147	6161	733	68301	5040	2082	589



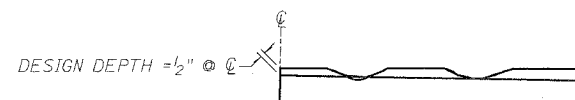
BUTT JOINT DETAIL

STA. 163+65	TO	STA. 163+95
STA. 164+65	TO	STA. 164+95
STA. 200+05	TO	STA. 200+35
STA. 200+95	TO	STA. 201+25
STA. 248+61	TO	STA. 248+91
STA. 249+48	TO	STA. 249+78
STA. 309+04	TO	STA. 309+34
STA. 309+78	TO	STA. 310+08
STA. 343+46	TO	STA. 343+76
STA. 343+98	TO	STA. 344+28

PAVEMENT MARKING SCHEDULE

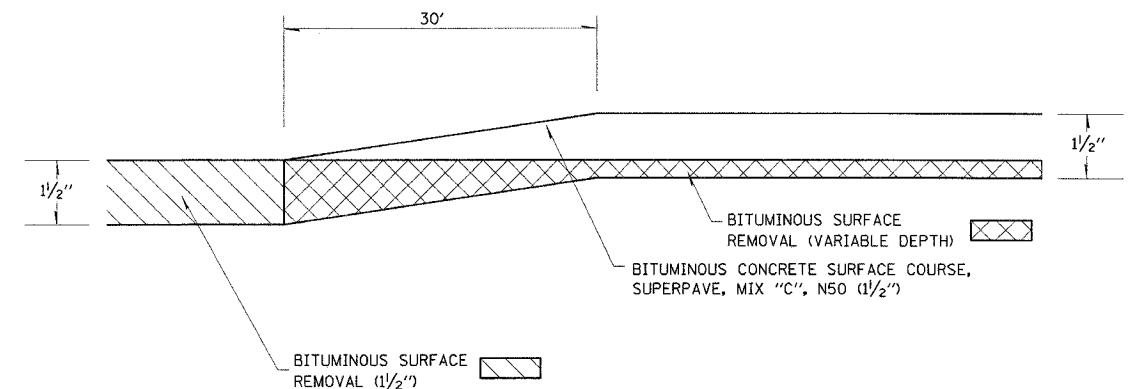
STATION TO STATION	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKERS
70+72 TO 75+32.26	138.1	15.3	835.6		835.6		4
75+32.26 TO 78+41.24	92.7	10.3	695.2		695.2		4
78+41.24 TO 84+10	170.6	19	1181.7		1181.7		7
84+10 TO 84+40	9.0	1	97.5		97.5		0
84+40 TO 86+27	56.1	6.2	607.8		607.8		2
86+27 TO 163+95	2330.4	258.9	18840		18840		97
163+95 TO 164+65	21.0	2.3	157.5		157.5		1
164+65 TO 200+35	1071.0	119	8032.5		8032.5		45
200+35 TO 200+95	18.0	2	135		135		1
200+95 TO 248+91	1438.8	159.9	10701		10701		60
248+91 TO 249+48	17.1	1.9	128.3		128.3		1
249+48 TO 309+34	1795.8	199.5	13281.5		13281.5		75
309+34 TO 309+78	13.2	1.5	99		99		1
309+78 TO 343+76	1019.4	113.3	7645.5		7645.5		43
343+76 TO 343+98	6.6	0.7	49.5		49.5		0
343+98 TO 363+07	572.7	63.6	4350.3		4350.3		24
363+07 TO 364+95	56.4	6.3	611		611		2
364+95 TO 365+25	9.0	1	97.5		97.5		0
365+25 TO 367+08	52.5	5.8	453	18.4	453	18.4	0
TOTAL	8891	988	68000	19	68000	19	367

DETAIL OF VARIABLE DEPTH MILLING



NOTES:

- Milling shall be done to attain a 3/16" slope in crown sections
- Existing S.E. and S.E. Transitions shall be maintained unless otherwise shown on the plans.
- Milling to the bottom of wheel ruts shall not be necessary unless required to obtain slope or the design depth at centerline.
- The average depth of milling is estimated to be 1/2", but may vary in isolated locations.



BITUMINOUS SURFACE REMOVAL TRANSITION DETAIL

STA. 84+10	TO	STA. 84+40
STA. 364+75	TO	STA. 365+05

PAVEMENT PATCHING SCHEDULE

PAVEMENT PATCHING, TYPE I	270.0	SQ YD
PAVEMENT PATCHING, TYPE II	586.0	SQ YD
PAVEMENT PATCHING, TYPE III	51.0	SQ YD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
RESURFACING SCHEDULE  
PAVEMENT MARKING &  
PATCHING SCHEDULE &  
DETAILS

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

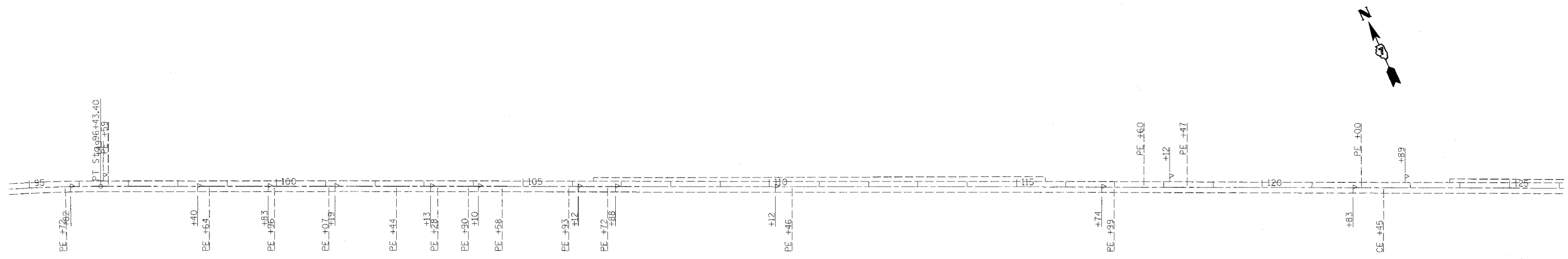
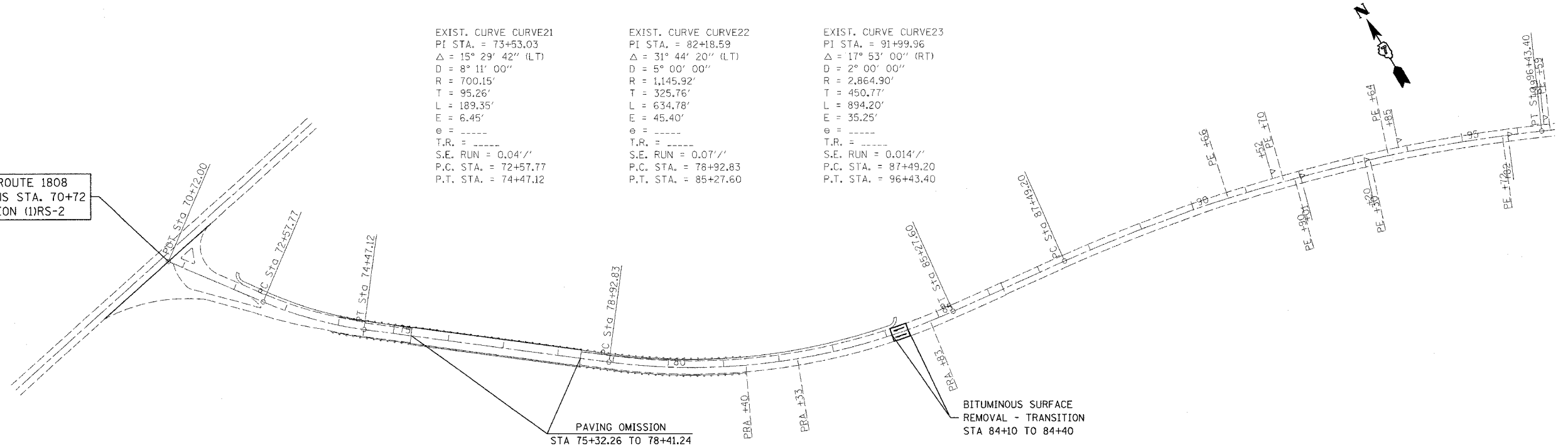
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXIST. CURVE CURVE21  
 PI STA. = 73+53.03  
 $\Delta = 15^\circ 29' 42''$  (LT)  
 D = 8' 11" 00"  
 R = 700.15'  
 T = 95.26'  
 L = 189.35'  
 E = 6.45'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = 0.04'/'  
 P.C. STA. = 72+57.77  
 P.T. STA. = 74+47.12

EXIST. CURVE CURVE22  
 PI STA. = 82+18.59  
 $\Delta = 31^\circ 44' 20''$  (LT)  
 D = 5' 00" 00"  
 R = 1,145.92'  
 T = 325.76'  
 L = 634.78'  
 E = 45.40'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = 0.07'/'  
 P.C. STA. = 78+92.83  
 P.T. STA. = 85+27.60

EXIST. CURVE CURVE23  
 PI STA. = 91+99.96  
 $\Delta = 17^\circ 53' 00''$  (RT)  
 D = 2' 00" 00"  
 R = 2,864.90'  
 T = 450.77'  
 L = 894.20'  
 E = 35.25'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = 0.014'/'  
 P.C. STA. = 87+49.20  
 P.T. STA. = 96+43.40

FAS ROUTE 1808  
 BEGINS STA. 70+72  
 SECTION (1)RS-2



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN SHEET**  
**STA 70+72 TO**  
**STA 125+00**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

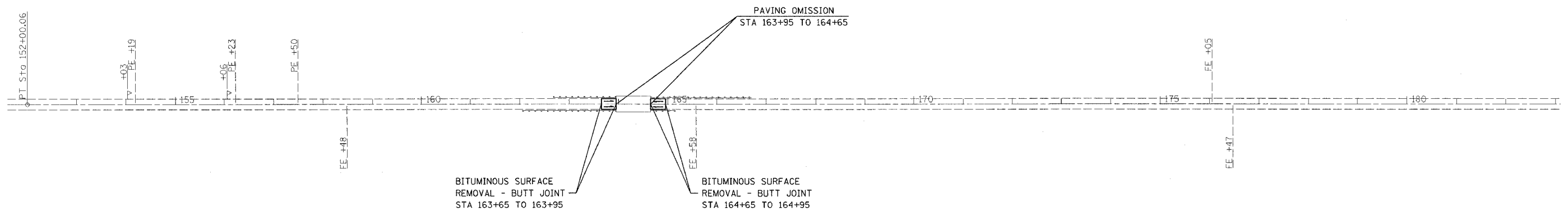
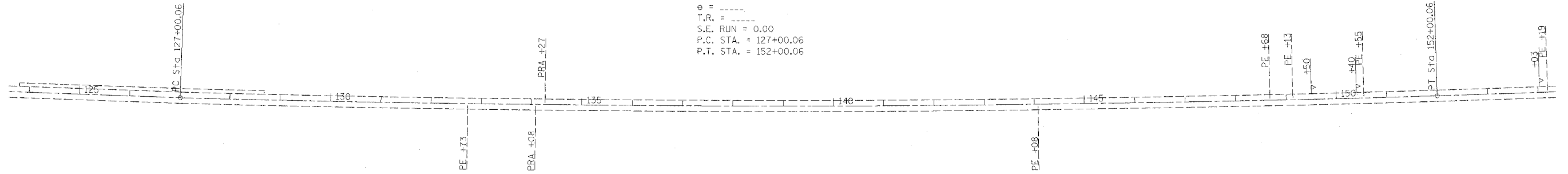
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 USER NAME = bdf/bank



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE CURVE24  
 PI STA. = 139+50.42  
 $\Delta = 3^{\circ} 20' 00''$  (LT)  
 $D = 0^{\circ} 08' 00''$   
 $R = 42,971.80'$   
 $T = 1,250.35'$   
 $L = 2,500.00'$   
 $E = 18.19'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = 0.00$   
 $P.C. STA. = 127+00.06$   
 $P.T. STA. = 152+00.06$



PLOT DATE = 10/19/2005  
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 USER NAME = staffernk

REVISIONS	
NAME	DATE

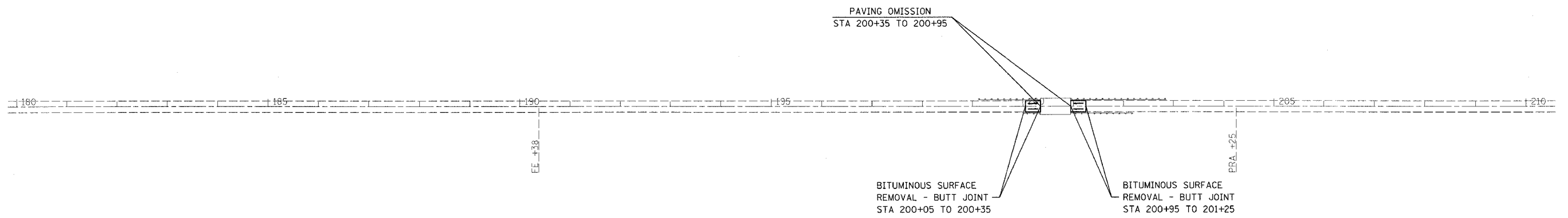
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN SHEET**  
**STA 125+00 TO**  
**STA 180+00**

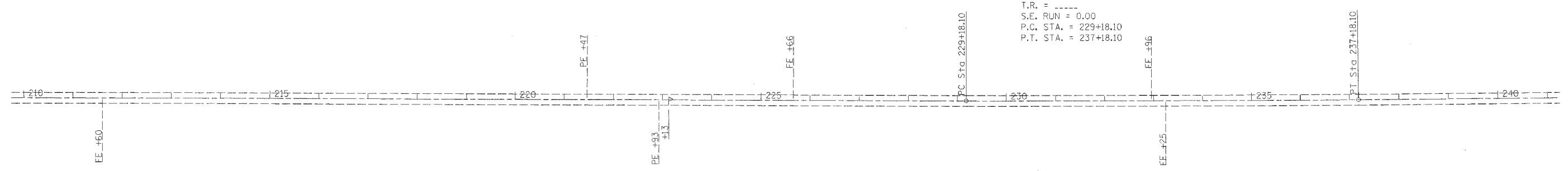
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 HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(IRS-2	LAWRENCE	15	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE CURVE25  
 PI STA. = 233+18.11  
 $\Delta = 0^\circ 48' 00''$  (LT)  
 $D = 0^\circ 06' 00''$   
 $R = 57,295.79'$   
 $T = 400.01'$   
 $L = 800.00'$   
 $E = 1.40'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = 0.00$   
 $P.C. \text{ STA.} = 229+18.10$   
 $P.T. \text{ STA.} = 237+18.10$



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN SHEET**  
**STA 180+00 TO**  
**STA 240+00**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

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 USER NAME = staff\erik

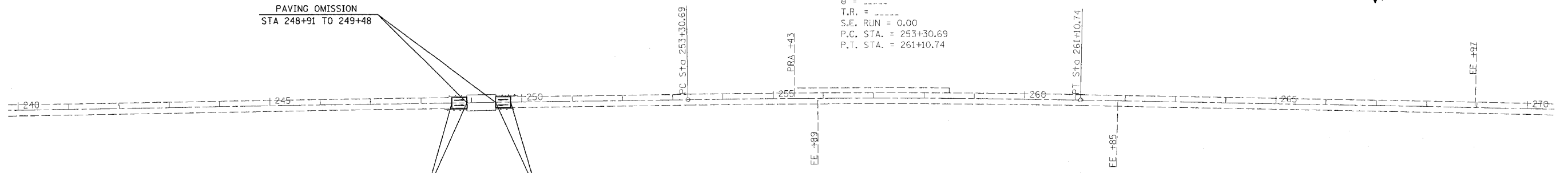
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXIST. CURVE CURVE26  
 PI STA. = 257+20.75  
 $\Delta = 1^\circ 57' 00''$  (RT)  
 $D = 0^\circ 15' 00''$   
 $R = 22,920.00'$   
 $T = 390.07'$   
 $L = 780.06'$   
 $E = 3.32'$   
 $e = \text{-----}$   
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 $S.E. RUN = 0.00$   
 $P.C. STA. = 253+30.69$   
 $P.T. STA. = 261+10.74$

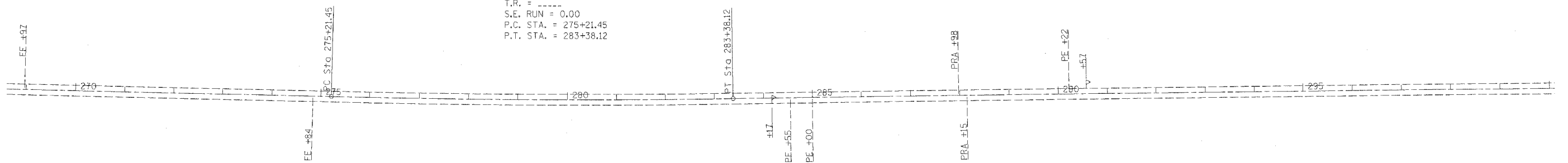
PAVING OMISSION  
 STA 248+91 TO 249+48

BITUMINOUS SURFACE  
 REMOVAL - BUTT JOINT  
 STA 248+61 TO 248+91

BITUMINOUS SURFACE  
 REMOVAL - BUTT JOINT  
 STA 249+48 TO 249+78



EXIST. CURVE CURVE27  
 PI STA. = 279+29.85  
 $\Delta = 2^\circ 27' 00''$  (LT)  
 $D = 0^\circ 18' 00''$   
 $R = 19,098.61'$   
 $T = 408.40'$   
 $L = 816.67'$   
 $E = 4.37'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = 0.00$   
 $P.C. STA. = 275+21.45$   
 $P.T. STA. = 283+38.12$

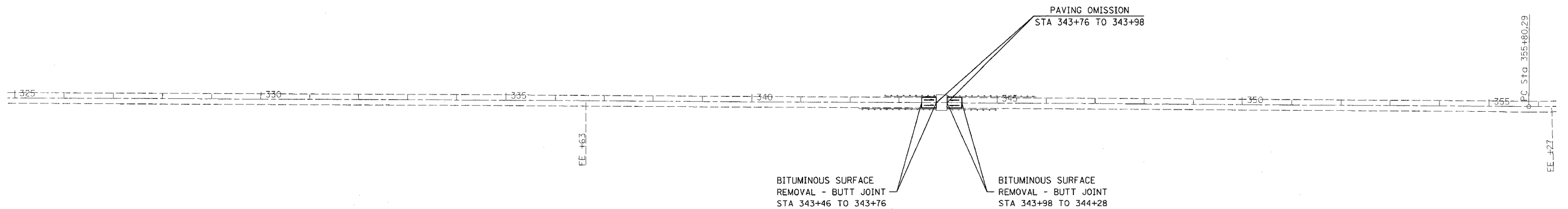
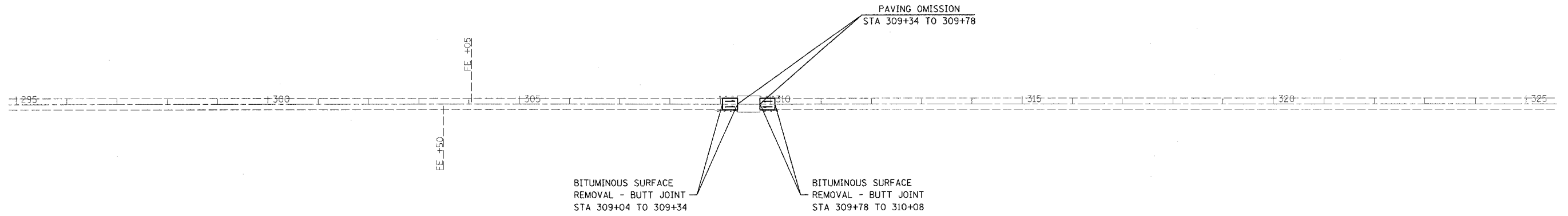


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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
**STA 240+00 TO**  
**STA 295+00**  
 SCALE: VERT. \_\_\_\_\_  
 DATE \_\_\_\_\_ HORIZ. \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180B	(1)RS-2	LAWRENCE	15	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 10/19/2005  
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 USER NAME = staffernk

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN SHEET**  
**STA 295 + 00 TO**  
**STA 355 + 00**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

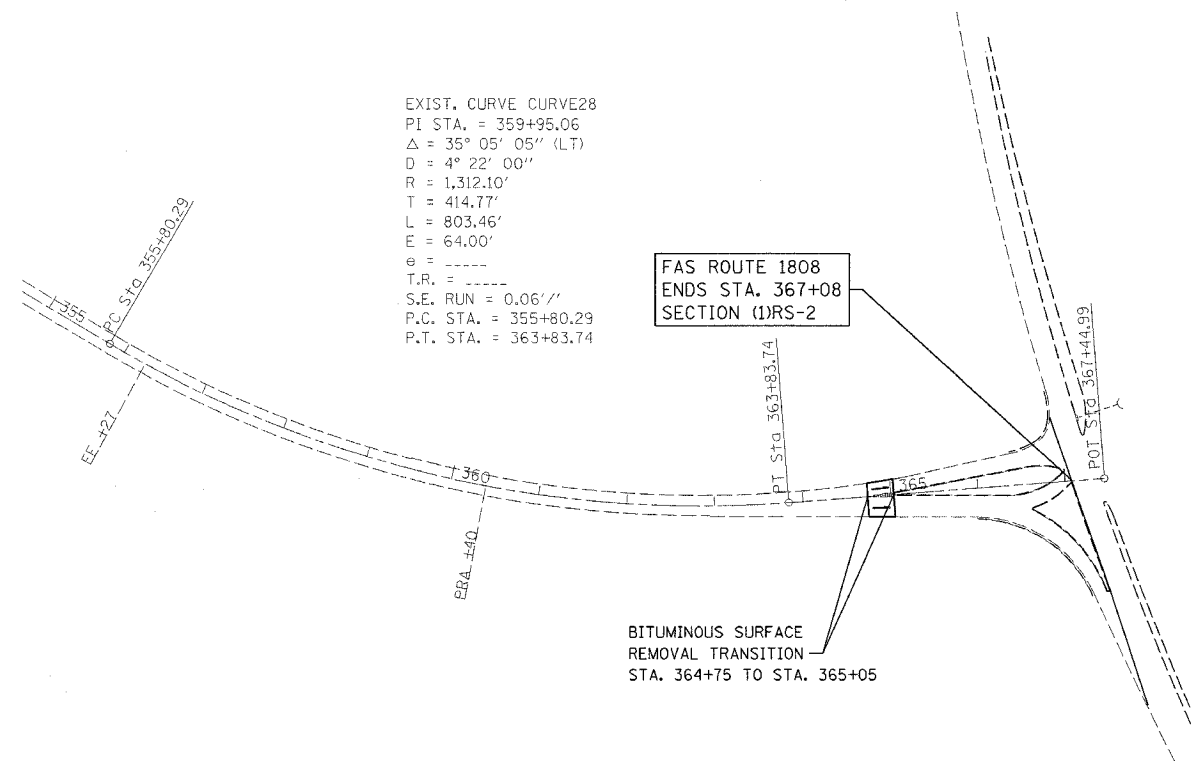
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXIST. CURVE CURVE28  
 PI STA. = 359+95.06  
 $\Delta = 35^\circ 05' 05''$  (LT)  
 $D = 4^\circ 22' 00''$   
 $R = 1,312.10'$   
 $T = 414.77'$   
 $L = 803.46'$   
 $E = 64.00'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = 0.06'/'$   
 $P.C. STA. = 355+80.29$   
 $P.T. STA. = 363+83.74$

FAS ROUTE 1808  
 ENDS STA. 367+08  
 SECTION (1)RS-2

BITUMINOUS SURFACE  
 REMOVAL TRANSITION  
 STA. 364+75 TO STA. 365+05



PLOT DATE = 10/19/2005  
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REVISIONS	
NAME	DATE

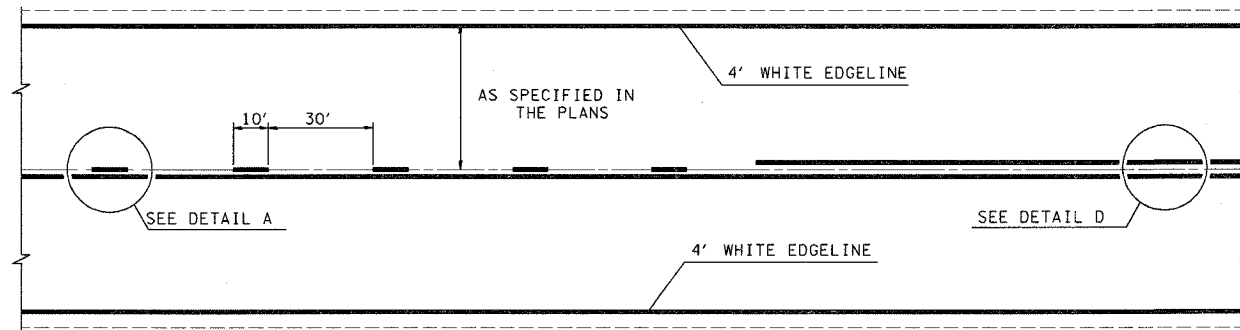
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PLAN SHEET**  
**STA 355 + 00 TO**  
**STA 367 + 08**

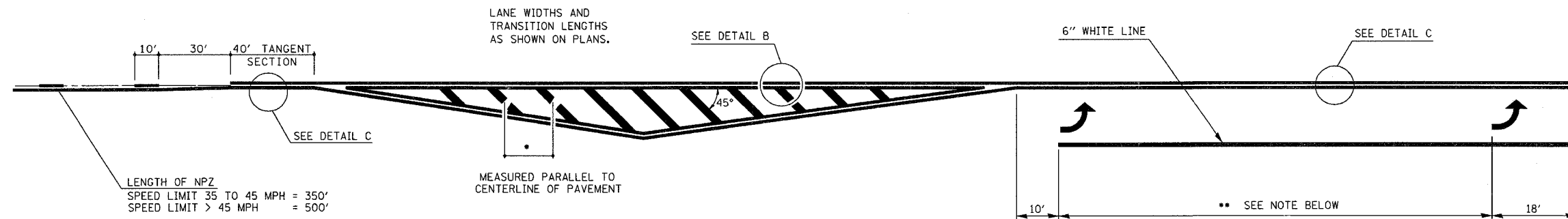
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 DATE: HORIZ. \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(1)RS-2	LAWRENCE	15	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL CENTERLINE, NO PASSING ZONE LINE (NPZ) & EDGELINE MARKINGS  
2-LANE PAVEMENT



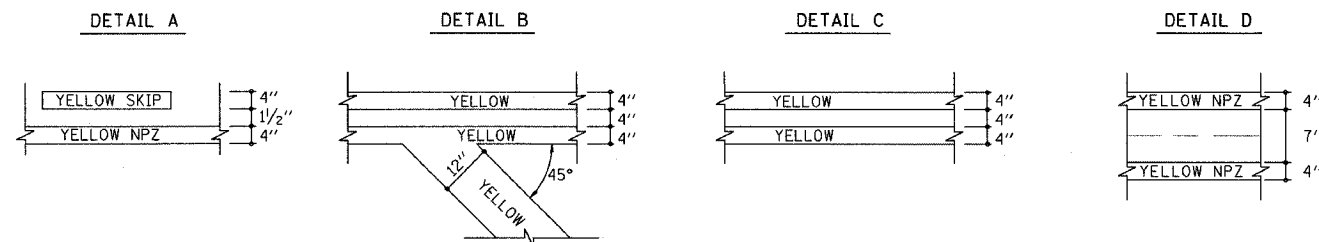
LENGTH OF NPZ  
SPEED LIMIT 35 TO 45 MPH = 350'  
SPEED LIMIT > 45 MPH = 500'

•DIAGONAL SPACING

SPEED LIMIT	< 30 MPH	= 15'
SPEED LIMIT	30 TO 45 MPH	= 20'
SPEED LIMIT	> 45 MPH	= 30'

\*\* PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.  
PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED,  
ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.

- NOTES:
1. OMIT EDGELINE THRU SIDE ROADS.
  2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
  3. WHEN MEDIANS ARE PRESENT, PLACE A SINGLE YELLOW STRIPE AROUND ITS PERIMETER.



NOT TO SCALE

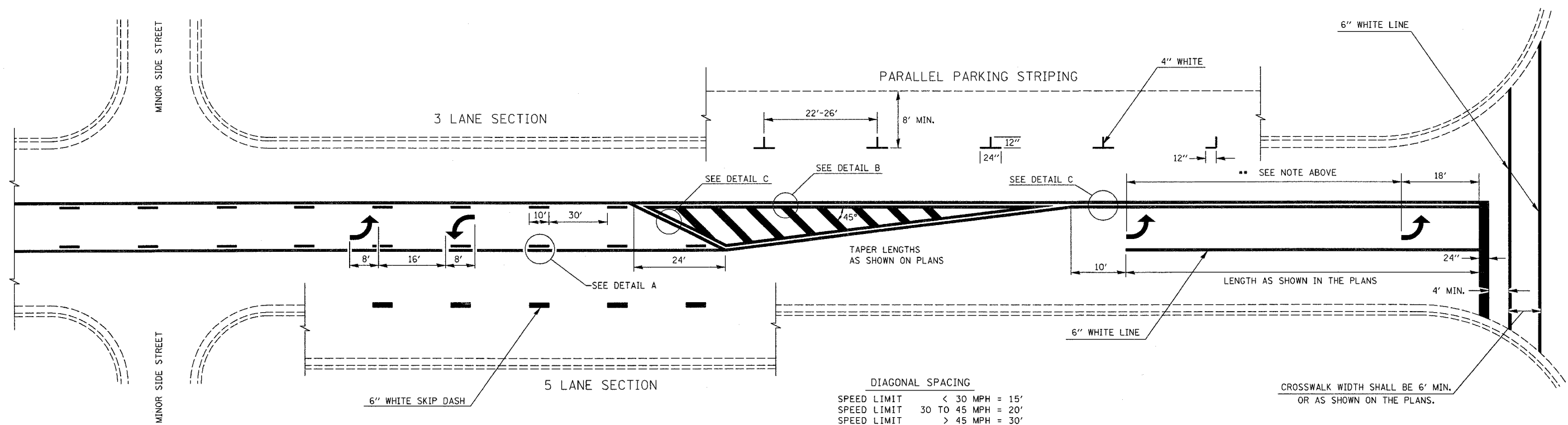
REVISIONS	
NAME	DATE
MMO	12-99
DRM	08-04

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL APPLICATION OF PAVEMENT MARKINGS**  
**SHEET 1 OF 2**

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	(IRS-2)	LAWRENCE	15	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*\* PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.  
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED.  
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.



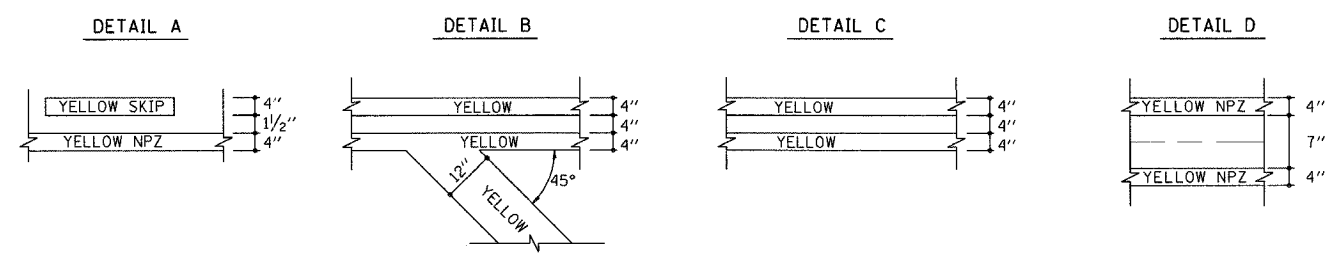
DIAGONAL SPACING

SPEED LIMIT	< 30 MPH = 15'
SPEED LIMIT	30 TO 45 MPH = 20'
SPEED LIMIT	> 45 MPH = 30'

CROSSWALK WIDTH SHALL BE 6' MIN.  
 OR AS SHOWN ON THE PLANS.

**TYPICAL BI-DIRECTIONAL TURN LANE MARKINGS**  
 (SHOWING TRANSITION TO EXCLUSIVE LEFT TURN LANE)

- NOTES:
1. NO LESS THAN 2 ARROWS SHALL BE USED.
  2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
  3. AVOID PLACING BI-DIRECTIONAL ARROWS IN INTERSECTIONS.
  4. BI-DIRECTIONAL ARROWS SHALL BE SPACED A MAXIMUM OF 250'.



NOT TO SCALE

REVISIONS	
NAME	DATE
MMO	12-99
DRM	08-04

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL APPLICATION OF PAVEMENT MARKINGS**  
**SHEET 2 OF 2**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

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