

- 313.685		HENDERSON & MCDONOUGH COUNTIES	
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS
*	(7,11,118)CJS	*	11
		ILLINOIS	CONTRACT NO. 68G29

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES AND COMMITMENTS
- 3 SUMMARY QUANTITIES
- 4 SCHEDULES OF QUANTITIES
- 5-6 LOCATION MAPS
- 7-8 LINE DIAGRAM
- 9-11 CADD STANDARDS

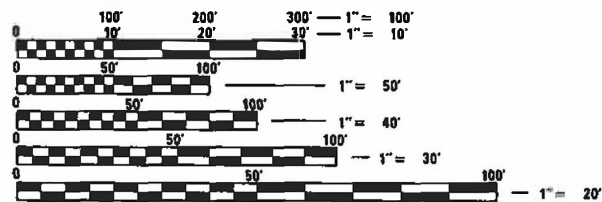
HIGHWAY STANDARDS

- 701306-04
- 701301-04
- 701701-10
- 701901-08

DISTRICT STANDARDS

- 752001
- 780001

US 24	IL 9
ADT = 17100	ADT = 29200
MU = 6%	MU = 2.05%
SU = 3.2%	SU = 1.54%



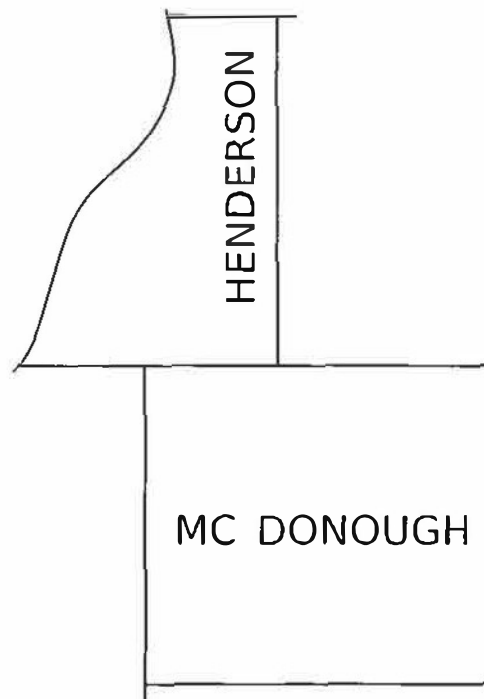
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

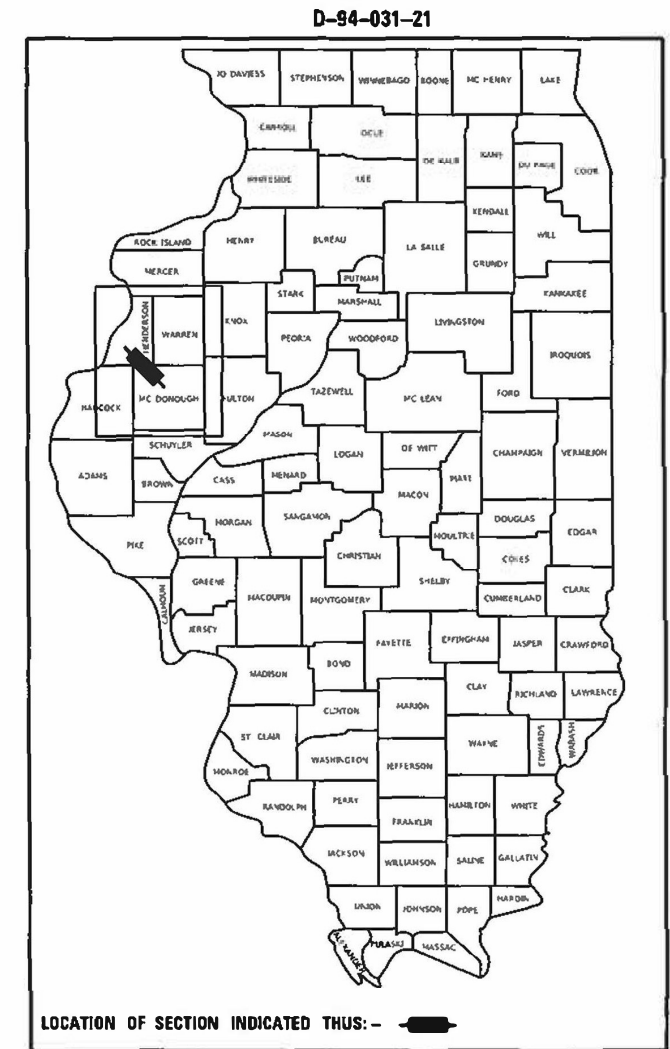
PROJECT ENGINEER: RICH DOTSON (309-671-3455)
PROJECT MANAGER: MIKE JACOB (309-671-3460)
CATALOG NO. 036195-00D
CONTRACT NO. 68G29

PROPOSED HIGHWAY PLANS

FAP ROUTE 313 (US 34)
FAP ROUTE 685 (IL 9)
SECTION (7,11,118)CJS
PROJECT: NHPP-STP-7SMR(758)
TYPE OF IMPROVEMENT: PAVEMENT PRESERVATION
HENDERSON & MCDONOUGH COUNTIES
C-94-050-21



GROSS LENGTH = NA
NET LENGTH = NA



DESCRIPTION OF WORK

CRACK AND JOINT SEALING ON US 34
FROM PD CREEK TO WEST END OF
BIGGSVILLE BYPASS & ON IL 9 FROM
HANCOCK CL TO W OF US 67

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 8, 2021

[Signature] REGIONAL ENGINEER

February 4, 2022

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN CONSENT OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

GENERAL NOTES

The resident shall contact perations to verify the location of no passing zones prior to placement of centerline striping.

JOB SPECIFIC NOTES

CARE SHALL BE EXERCISED TO KEEP SEALANT OFF EXISTING PAVEMENT MARKINGS. SEE NOTE ⑥ IN DISTRICT CADD STANDARD 452001-D4 (INCLUDED IN PLANS) REGARDING HOW TO TREAT CRACKS NEAR OR IN PAVEMENT MARKINGS. NOTIFY THE BUREAU OF OPERATION PRIOR TO APPLYING THE PAVEMENT MARKING: BILL HARRMANN 309-693-5173 (EAST) OR DARRYL HOLMES 309-693-5176 (WEST)

ALL DIRT AND DEBRIS CREATED BY THE ROUTING OPERATION SHALL BE CLEANED FROM THE PAVEMENT AND PAVED SHOULDERS AT THE END OF THE DAY'S OPERATIONS ACCORDING TO ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS.

LOCATIONS FOR PROPOSED "CRACK ROUTING AND FILLING" ARE NUMBERED BY PRIORITY. LOCATIONS SHALL BE COMPLETED IN THIS ORDER ONLY.

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USER NAME = fewisat DESIGNED - DRAWN - CHECKED - DATE -		REVISED - REVISED - REVISED - REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS/JOB SPECIFIC NOTES	• 313.685 • HENDERSON & MCDONOUGH COUNTIES	
PLOT SCALE = 100 0000 / 1 in. PLOT DATE = 12/8/2021						F.A. RTE. * SECTION (7.11.118)CJS COUNTY •	TOTAL SHEETS 11 SHEET NO 2
SCALE:				SHEET OF SHEETS		STA. TO STA.	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	CONST. CODE
				80%FEDERAL 20%STATE	80%FEDERAL 20%STATE
				HENDERSON 0005	MCDONOUGH 0005
67100100	MOBILIZATION	LSUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	LSUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CALDA	10	5	5
78009004	MODIFIED URETHANE PAVEMENT MARKING LINE 4"	FOOT	254890	75145	179745
78009008	MODIFIED URETHANE PAVEMENT MARKING LINE 8"	FOOT	656	656	
X4510100	CRACK ROUTING AND FILLING	POUND	56648	42412	14236

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

* 313.685		* HENDERSON & MCDONOUGH COUNTIES		
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(7,11,118)C15		11	3
		CONTRACT NO 68G29		
ILLINOIS FED. AID PROJECT				

LOCATION STATION TO STATION		MODIFIED URETHANE PAVEMENT MARKING LINE 4"						
		SOILD WHITE		NP ZONES		YELLOW SKIP DASH		
		EB	WB	EB	WB			
		FT		FT		FT		
IL 9								
0+00	TO	1+58	158	158		158	40	
1+58	TO	15+84	1426	1426			357	
15+84	TO	24+81	897	897	897		224	
24+81	TO	36+96	1215	1215	1215	1215		
36+96	TO	48+04	1108	1108		1108	277	
48+04	TO	61+77	1373	1373			343	
61+77	TO	71+80	1003	1003	1003		251	
71+80	TO	88+17	1637	1637	1637	1637		
88+17	TO	93+98	581	581		581	145	
93+98	TO	113+76	1978	1978			494	
STA EQ STA 113+76 BK = 0+00 AH								
0+00	TO	75+79	7579	7579			1895	
75+79	TO	79+49	370	370	370	370		
79+49	TO	103+25	2376	2376	2376	2376		
103+25	TO	112+75	950	950	950		238	
112+75	TO	135+98	2323	2323	2323	2323		
135+98	TO	147+60	1162	1162	1162		291	
147+60	TO	157+10	950	950	950	950		
157+10	TO	167+13	1003	1003		1003	251	
167+13	TO	235+77	6864	6864			1716	
235+77	TO	248+97	1320	1320	1320		330	
248+97	TO	278+54	2957	2957	2957	2957		
278+54	TO	286+46	792	792		792	198	
286+46	TO	412+13	12567	12567			3142	
412+13	TO	418+99	686	686	686		172	
418+99	TO	419+52	53	53			13	
419+52	TO	428+50	898	898		898	225	
428+50	TO	494+00	6550	6550			1638	
494+00	TO	502+95	895	895	895		224	
502+95	TO	510+33	738	738	738	738		
510+33	TO	520+90	1057	1057		1057	264	
520+90	TO	523+54	264	264			66	
523+54	TO	529+23	569	569		569	142	
			64299	64299	19479	18732	12936	
MCDONOUGH COUNTY TOTAL								179745

LOCATION STA. TO STA.			MODIFIED URETHANE PAVEMENT MARKING LINE 4"						MODIFIED URETHANE PAVEMENT MARKING LINE 8"	
			SOLID WHITE		NP ZONES		YELLOW SKIP DASH		SOLID WHITE	
			EB	WB	EB	WB	EB	WB	EB	WB
			FT		FT		FT		FT	
US 34										
304+95.00	TO	323+84.00	1889	1889	3778					
323+84.00	TO	334+00.00	1016	1016		1016	254			
334+00.00	TO	362+53.00	2853	2853			713			
362+53.00	TO	374+00.00	1019	1019	1147			255		
374+00.00	TO	381+08.00	708	708	1416					
381+08.00	TO	384+64.00	356	356	356			89		
384+64.00	TO	408+02.18	2338	2338	4676					
408+02.18	TO	418+02.00	941	941	2000					
418+02.00	TO	419+33.00	131	131	262					
419+33.00	TO	426+78.00	745	745	745			186		
426+78.00	TO	437+11.00	1033	1033	3910				208	
437+11.00	TO	438+11.00	100	0						
438+11.00	TO	449+24.00	1113	951	3982				107	
449+24.00	TO	461+10.00	1186	1186	1186			297		
461+10.00	TO	464+00.00	290	290	290	290				
464+00.00	TO	473+80.00	980	980		980	245			
473+80.00	TO	478+10.00	430	430			108			
478+10.00	TO	488+72.00	1062	1062	1062			266		
488+72.00	TO	507+30.00	1858	1858	3716					
IL-164										
318+82.00	TO	321+06.00	321	321	418				189	151
321+06.00	TO	323+20.00	214	214	338	329				
HENDERSON COUNTY TOTAL			40836		31897		2412		655	
					75145				656	

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DA
HENDERSON	5
MCDONOUGH	5
TOTAL	10

MOBILIZATION	
LOCATION	L SUM
HENDERSON	0.5
MCDONOUGH	0.5
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	L SUM
HENDERSON	0.5
MCDONOUGH	0.5
TOTAL	1

CRACK ROUTING AND FILLING			POUND
ROUTE	LOCATION		
HENDERSON			
LOCATION 1	US 34	FROM PD CREEK TO WEST END OF BIGGSVILLE BYPASS	14236
MCDONOUGH			
LOCATION 2	IL 9	FROM HANCOCK CL TO W OF US 67	42412
TOTAL			56648

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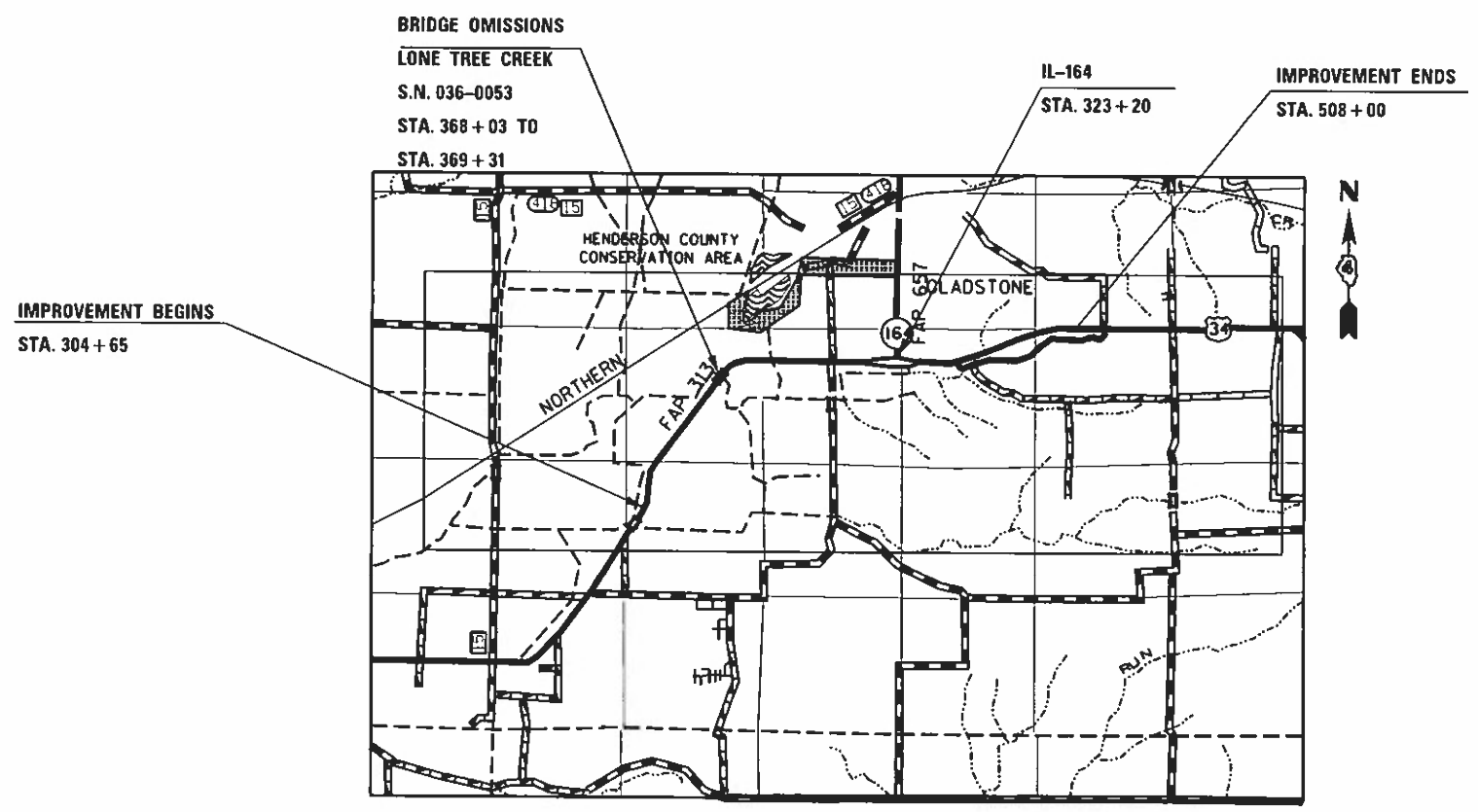
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA TO STA.

• 313,685		• HENDERSON & MCDONOUGH COUNTIES	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	(7,11,118)CJS		11
			4
CONTRACT NO. 68G29			
ILLINOIS FED. AID PROJECT			

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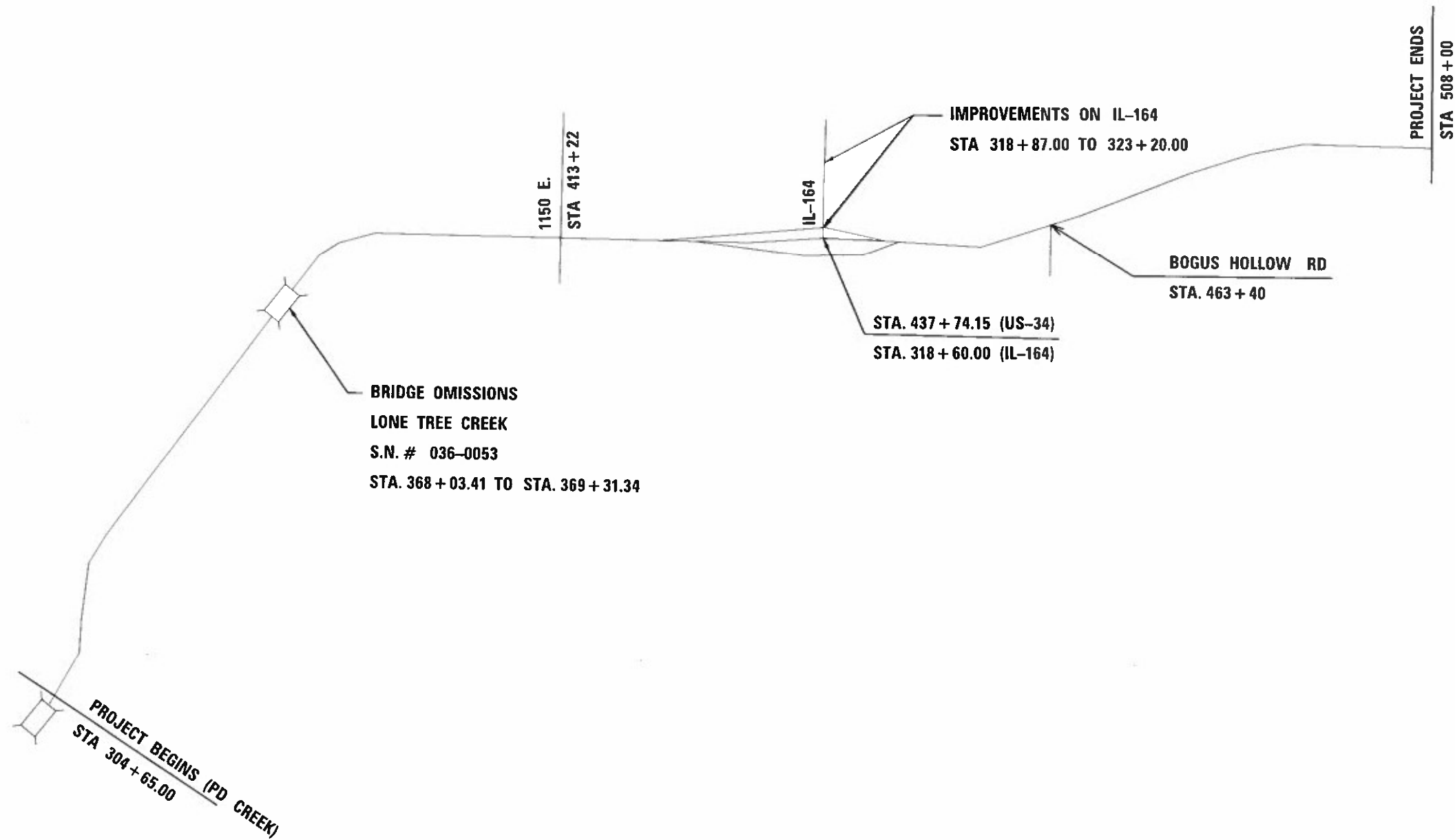
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 1 MAP HENDERSON COUNTY

SCALE: SHEET OF SHEETS STA. TO STA.

*313.685		*HENDERSON & MCDONOUGH COUNTIES	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	(7.11.118)C15	•	11
			SHEET NO. 5
			CONTRACT NO. 68G29
ILLINOIS FED. AID PROJECT			



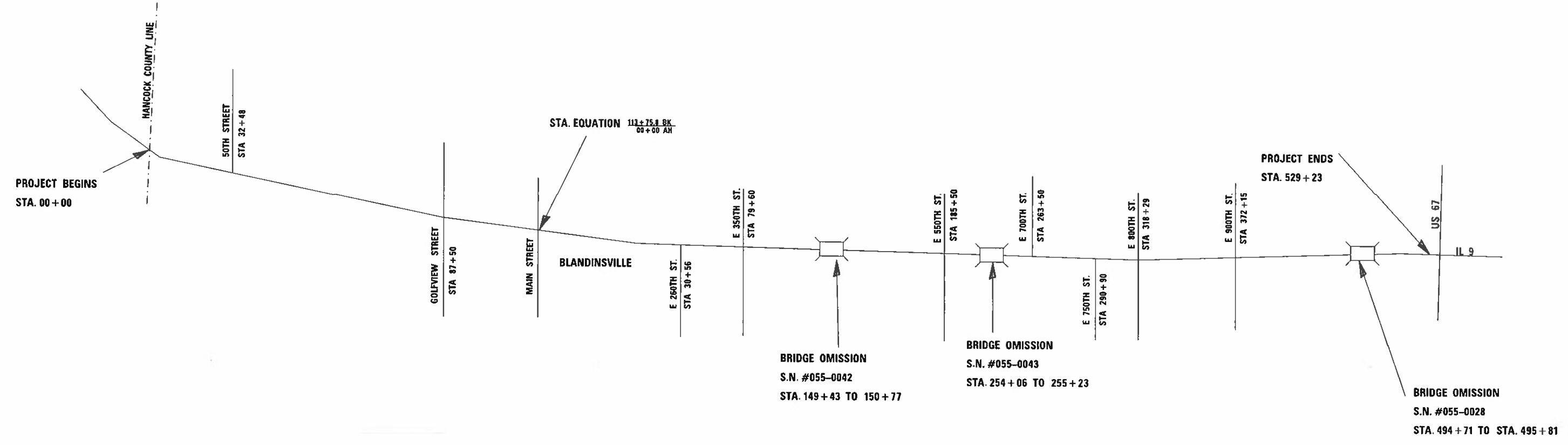
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		DATE *	REVISED *

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM LOCATION 1 (US 34)

		* 313.685		* HENDERSON & MCDONOUGH COUNTIES	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*	(7.11.118)CJS	*	11	7	
			CONTRACT NO 68G29		
ILLINOIS FED. AID PROJECT					

NOT TO SCALE * SHEET NO. 1 OF 1 SHEETS STA. TO STA.



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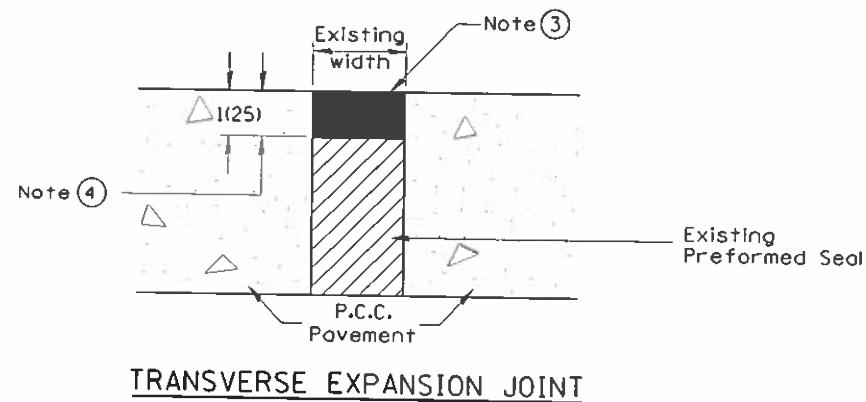
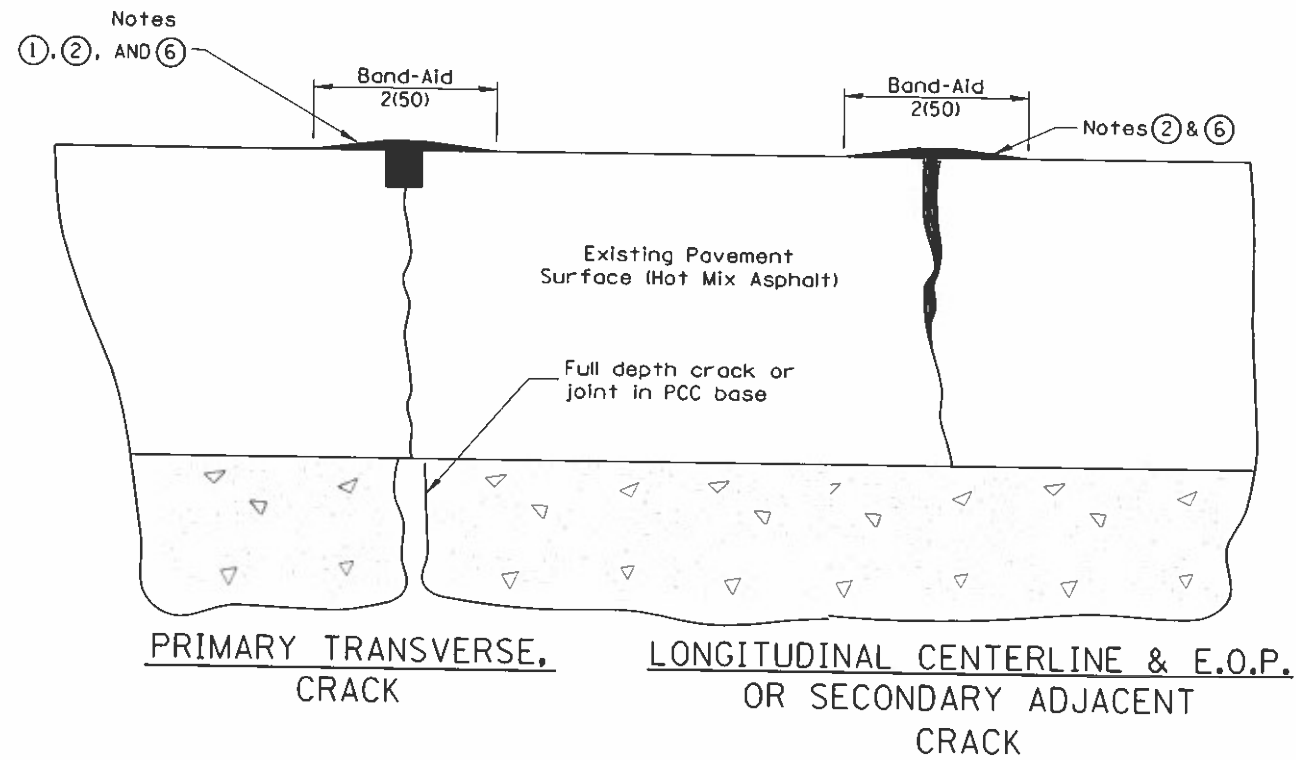
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM LOCATION 2 (IL 9)

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

* 313,685		* HENDERSON & MCDONOUGH COUNTIES	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
.	(7,11,118)CIS	.	11
			8
CONTRACT NO 68G29			
ILLINOIS FED. AID PROJECT			



NOTES

- ① Route or saw to $\frac{3}{4}$ (20) wide by $\frac{3}{4}$ (20) deep; (1:1 ratio).
- ② Overfill with sealant; squeegee to provide 2 (50) wide flush "band-aid" effect; feather edges flush.
- ③ Seal flush without "band-aid" effect.
- ④ Route to 1(25) depth; clean and reface walls.
- ⑤ Crack and Joint Sealing shall conform to Section 451 and 452
- ⑥ The "Band Aid" width shall be reduced or eliminated in areas adjacent to existing pavement markings as directed by the Engineer.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-36.01, NEW REVISE BOX	T.P.	01-05-21	REVISED	R.D.
05-01-97	REVISED	E.T.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			
01-01-17	REVISED	R.D.			

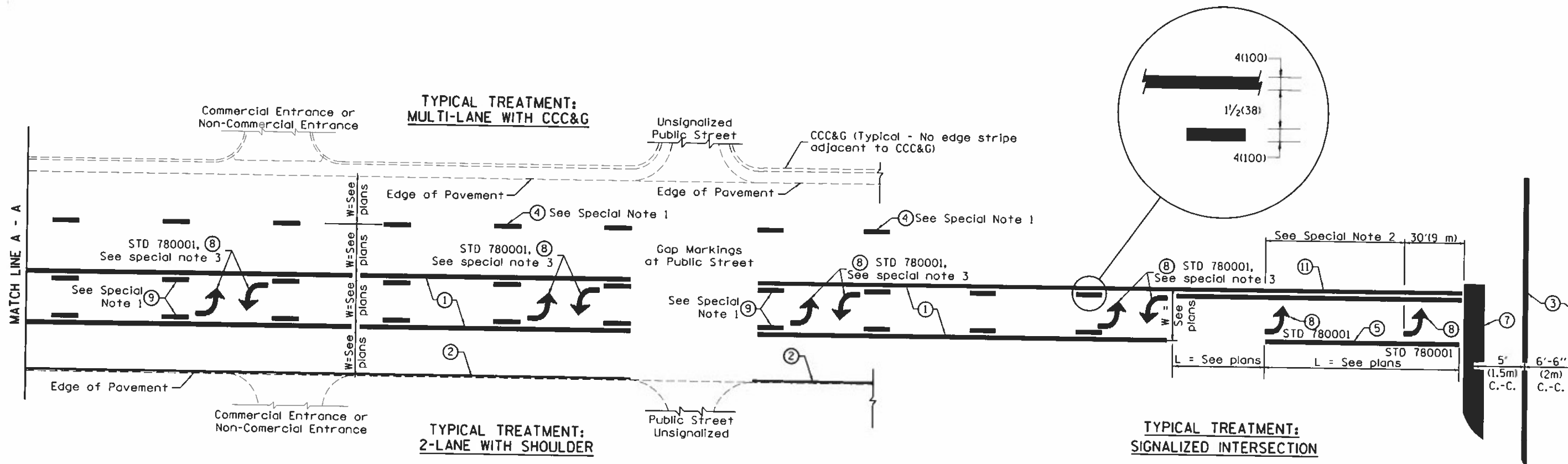
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRACK AND JOINT SEALING

NOT TO SCALE

CADD STD. 452001-D4

• 313 685		• HENDERSON & MCDONOUGH COUNTIES		
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(7,11,118)CJS		11	9
			CONTRACT NO 68G29	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
- 2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 11(280) C.-C. See Table A
- ⑪ 4(100) Double Solid (Yellow)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DIMS. WITH T.S.	M.A.			

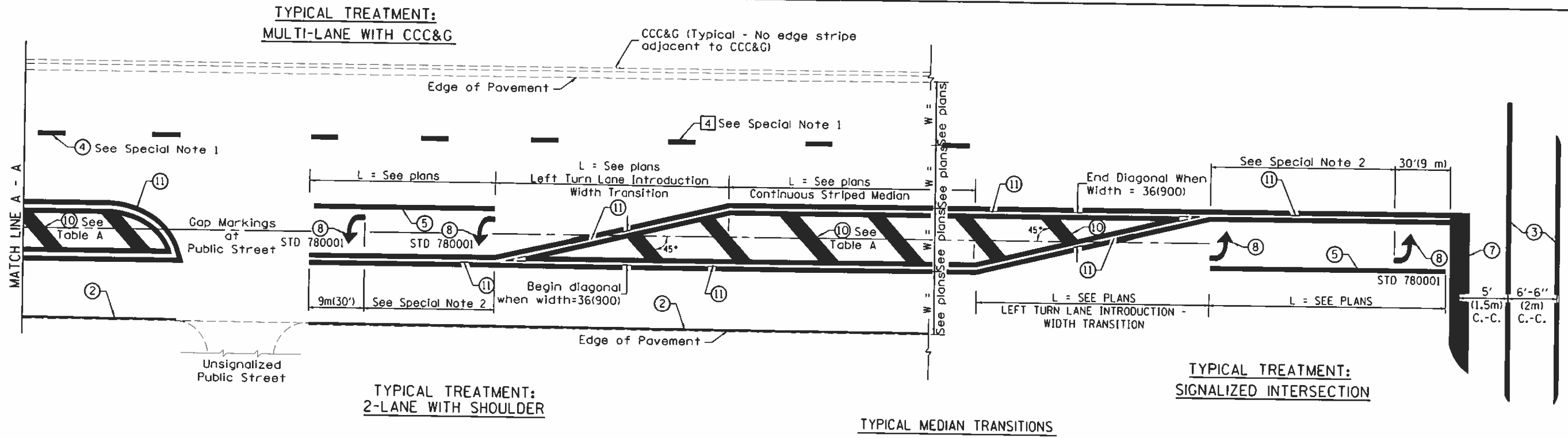
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

*112.685		*HENDERSON & MCDONOUGH COUNTIES	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
	(7.11.118)CIS		11
			10
FED. ROAD DIST. NO.			CONTRACT NO 68G29
ILLINOIS FED. AID PROJECT			

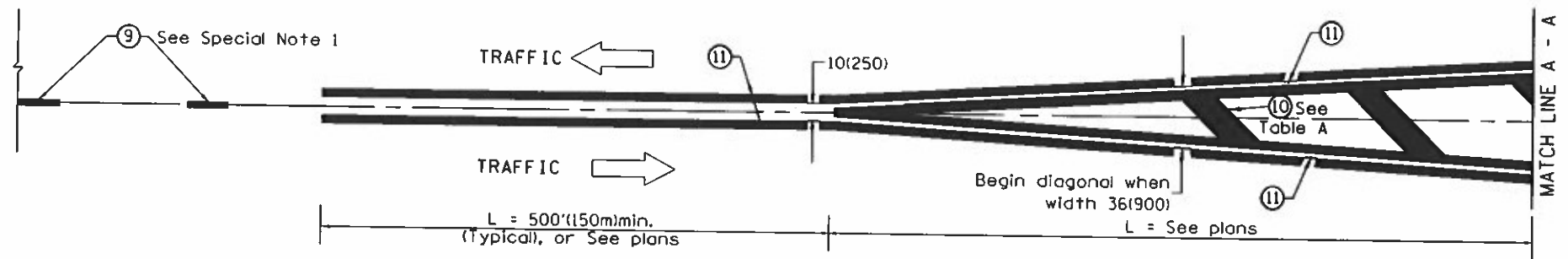


TYPICAL MEDIAN TRANSITIONS

FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 2 OF 2
CADD STD. 780001-D4

*313.685		*HENDERSON & MCDONOUGH COUNTIES	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
.	(7, 11, 118)C/S	.	11
			SHEET NO. 11
CONTRACT NO 68G29			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		