

**INDEX OF SHEETS:**

- 1 COVER SHEET
- 2 COMMITMENTS AND JOB SPECIFIC NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5-6 SCHEDULE OF QUANTITIES
- 7 LINE DIAGRAM
- 8 PAVEMENT MARKING DETAILS
- 9-11 TYPICAL SECTIONS
- 12-13 DISTRICT STANDARDS

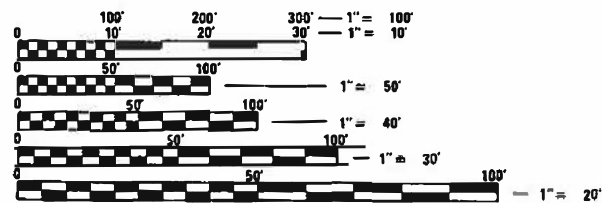
**HIGHWAY STANDARDS**

- 701400-11
- 701406-13
- 701426-09
- 701602-10
- 701901-08
- 780001-05
- 781001-04

**DISTRICT STANDARDS**

780001

- ADT: 7350 (2019)
- SU: (5.2%) (2019)
- MU: (4.3%) (2019)



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: RICHARD DOTSON (309) 671-3455  
PROJECT MANAGER: MICHAEL JACOBS (309) 671-3460

CATALOG NO. 036197-00D  
CONTRACT NO. 68G31

DEPARTMENT OF TRANSPORTATION  
STATE OF ILLINOIS

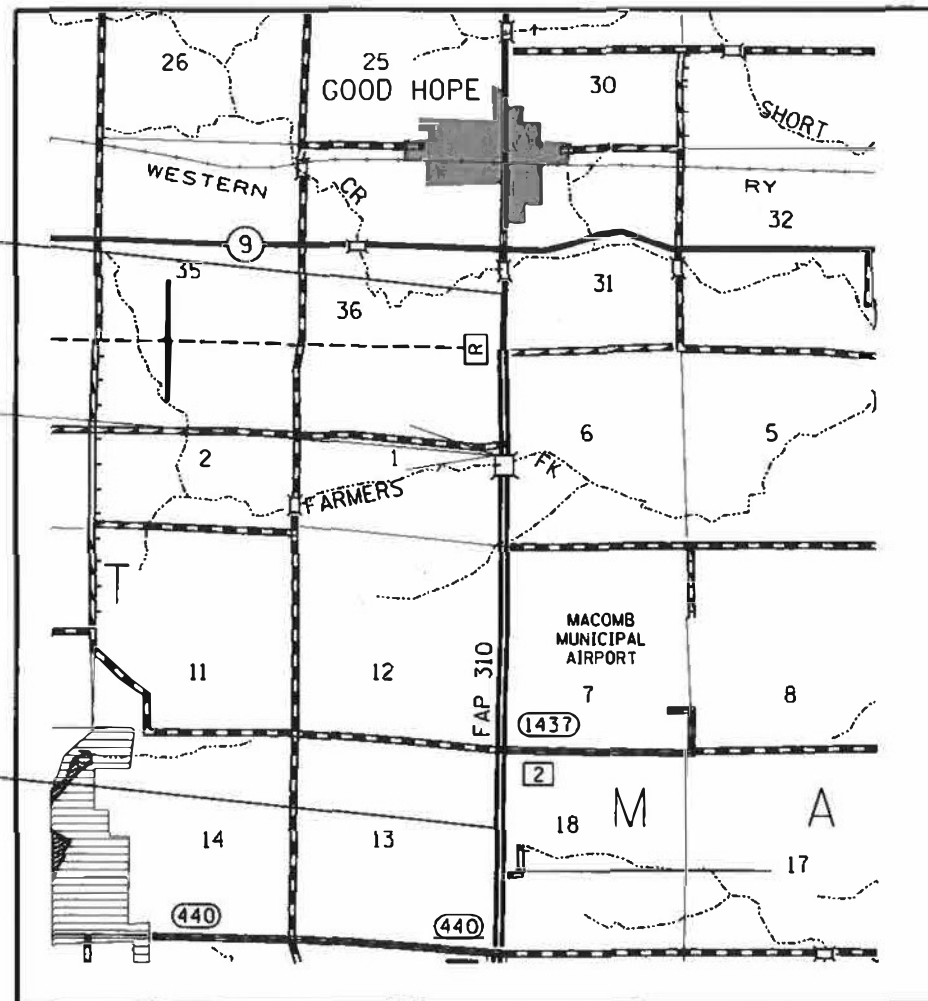
**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 310 (US 67/L 110)  
SECTION (38-1)RS-1  
PROJECT NHPP-Y1TG(329)  
PAVEMENT PRESERVATION  
MCDONOUGH COUNTY  
C-94-052-21

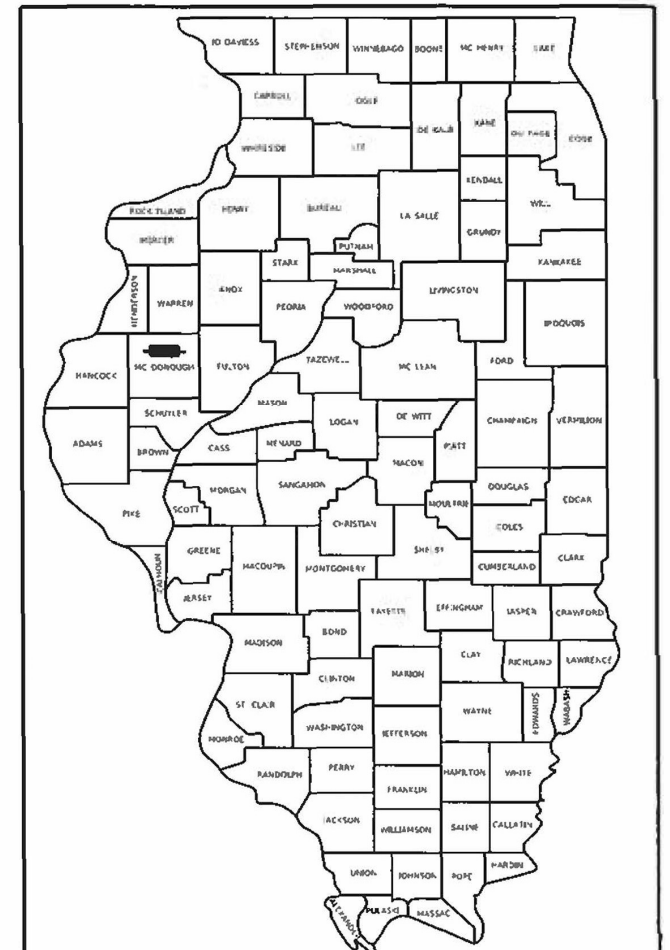
PROJECT BEGINS  
STA 105+80

BRIDGE OMISSION  
SN 055-0027  
SB STA 152+77 - 154+53  
SN 055-0003  
NB STA 152+08 - 153+84

PROJECTS END  
STA 260+55



D-94-033-21



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

**PROJECT DESCRIPTION:**

CAPE SEAL ON US 67/L 110 FROM IL 9 TO N OF IL 336

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 20 20 22  
Kensel A Garnett P.E.  
REGIONAL ENGINEER

March 25 20 22  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

March 2 20 22  
Stephen M. Smith  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				0005 80% FEDERAL 20% STATE MCDONOUGH COUNTY
40400001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	61200	61200
40400020	BUMP REMOVAL	EACH	50	50
40500061	CAPE SEAL	SO YD	84996	84996
67100100	MOBILIZATION	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	10	10
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5571	5571
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1857	1857
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	128298	128298
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	18743	18743
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	7931	7931
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	3460	3460
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	472	472

\*= SPECIALTY ITEM

FILE NAME * p:\sldot\pw.bentley.com\PROJECTS\04.68031\	USER NAME * Jewiss	DESIGNED - DRANN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLDT SCALE * 99.9948 / / in.	CHECKED -	REVISED -	310			(38-1)RS-1	MCDONOUGH	13	3	
PLDT DATE * 1/25/2022	DATE -	REVISED -	CONTRACT NO. 68C31							
ILLINOIS FED. AID PROJECT										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL	20% STATE MCDONOUGH COUNTY
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	472	472	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	29439	29439	
X7810400	TEMPORARY RAISED PAVEMENT MARKER	EACH	1548	1548	



PAINT PAVEMENT MARKING - LINE 4"			
STATION TO STATION	EDGELINE WHITE (FT)	EDGELINE YELLOW (FT)	SKIP DASH YELLOW (FT)
<b>SB RT</b>			
105+80 - 125+84.40	2018.7		
127+49.09 - 150+56.11	2307		
152+29.83 - 232+47.51	8017.7		
234+42.47 - 260+55	2613		
<b>SB LT</b>			
105+80 - 107+42 (2 LINES)		360	
107+42 - 111+25		383	
111+25 - 117+54 (2 LINES)		1258	
117+54 - 260+55		14301	
<b>NB RT</b>			
105+80 - 107+42 (2 LINES)		360	
107+42 - 111+32		490	
111+25 - 117+54 (2 LINES)		1258	
117+54 - 260+55		14301	
<b>NB LT</b>			
106+80 - 125+84.38	1966.5		
127+74.87 - 150+36.34	2261.5		
151+65.04 - 179+45.56	2780.5		
181+36.51 - 232+47.51	5111		
234+13.90 - 260+55	2641		
<b>MEDIAN NOSES</b>		1500.81	
<b>CENTER TURN LANE</b>			
107+42 - 111+25			200
111+25 - 112+32			20
<b>SUB-TOTALS</b>	<b>29,716.90</b>	<b>34,211.81</b>	<b>220</b>
<b>SUB-TOTALS</b>	<b>64,148.71</b>		
<b>2 APPLICATIONS TOTALS</b>	<b>128298</b>		

PAINT PAVEMENT MARKING - LINE 6"	
SOUTH BOUND	SKIP DASH WHITE (FT)
<b>CENTERLINE</b>	
105+84.62 - 297+30	4786.3
<b>NORTH BOUND</b>	
<b>CENTERLINE</b>	
113+90 - 297+30	4585
<b>SUB-TOTALS</b>	<b>9,372.00</b>
<b>2 APPLICATIONS TOTALS</b>	<b>18743</b>

PAINT PAVEMENT MARKING - LINE 8"				
LOCATION	RT TURN LANE WHITE (FT)	LT TURN LANE WHITE (FT)	LANE TAPER WHITE (FT)	ISLAND (FT)
<b>SOUTH BOUND</b>				
TR 73 STA. 123+89.40 - 126+22.39		233		
TR85 STA. 148+61.11 - 150+82.02	220.9			50
TR 93 STA. 177+49.99 - 179+68.54		218.6		
CH 2 STA. 229+99.20 - 233+24.68		325.5		
TR 111 STA 230+52.51 - 233+24.68	272.2			60
<b>NORTH BOUND</b>				
TR 73 STA. 126+97.44 - 129+69.87	272.4			50
TR 85 STA. 151+63.38 - 153+86.80		223.4		
TR 93 STA. 180+56.22 - 183+31.51	275.3			40
TR 111 STA. 234+15.12 - 236+37.47		222.4		
CH 2 STA. 234+15.12 - 237+86.67	371.6			50
NB STA. 105+80 - 116+35			1080	
<b>SUB-TOTALS</b>	<b>3,965.40</b>			
<b>2 APPLICATIONS TOTALS</b>	<b>7931</b>			

PAINT PAVEMENT MARKING - LINE 12"			
LOCATION	CENTER TURN LANE YELLOW (FT)	ISLAND YELLOW (FT)	MERGE LANE WHITE (FT)
STA 105+80 - 107+42	130		
STA 111+25 - 117+54	1300		200
TR 73		20	
TR 85		20	
TR 93		20	
CH 2		20	
TR 111		20	
<b>SUB-TOTALS</b>	<b>1730</b>		
<b>2 APPLICATIONS TOTALS</b>	<b>3460</b>		

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 PLOT DATE = 11/14/2023

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PLOT DATE = 11/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS-1	MCDONOUGH	13	5
CONTRACT NO. 68G31			ILLINOIS FED. AID PROJECT	

SCALE SHEET OF SHEETS STA. TO STA.

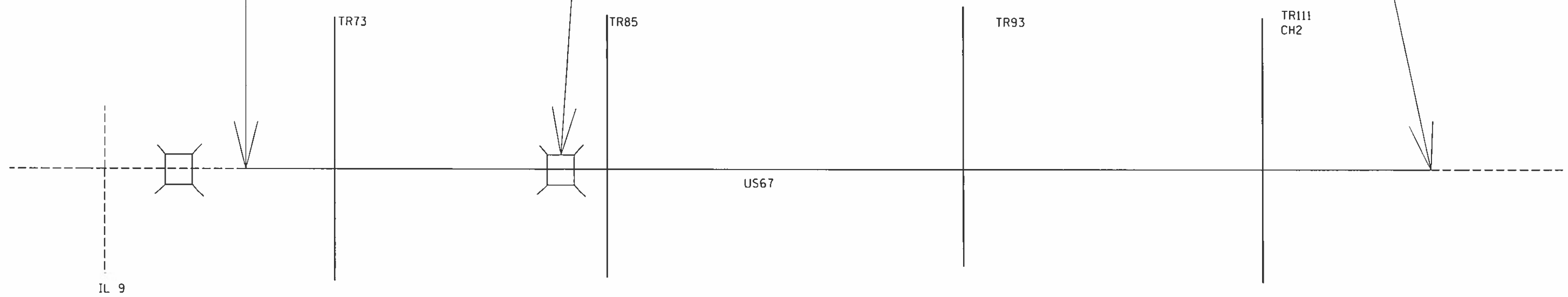




IMPROVEMENT BEGINS STA. 105+80

BRIDGE OMISSION  
 SN 055-0027  
 SB STA 152+77 - 154+53  
 SN 055-0003  
 NB STA 152+08 - 153+84

IMPROVEMENT ENDS STA. 260+55



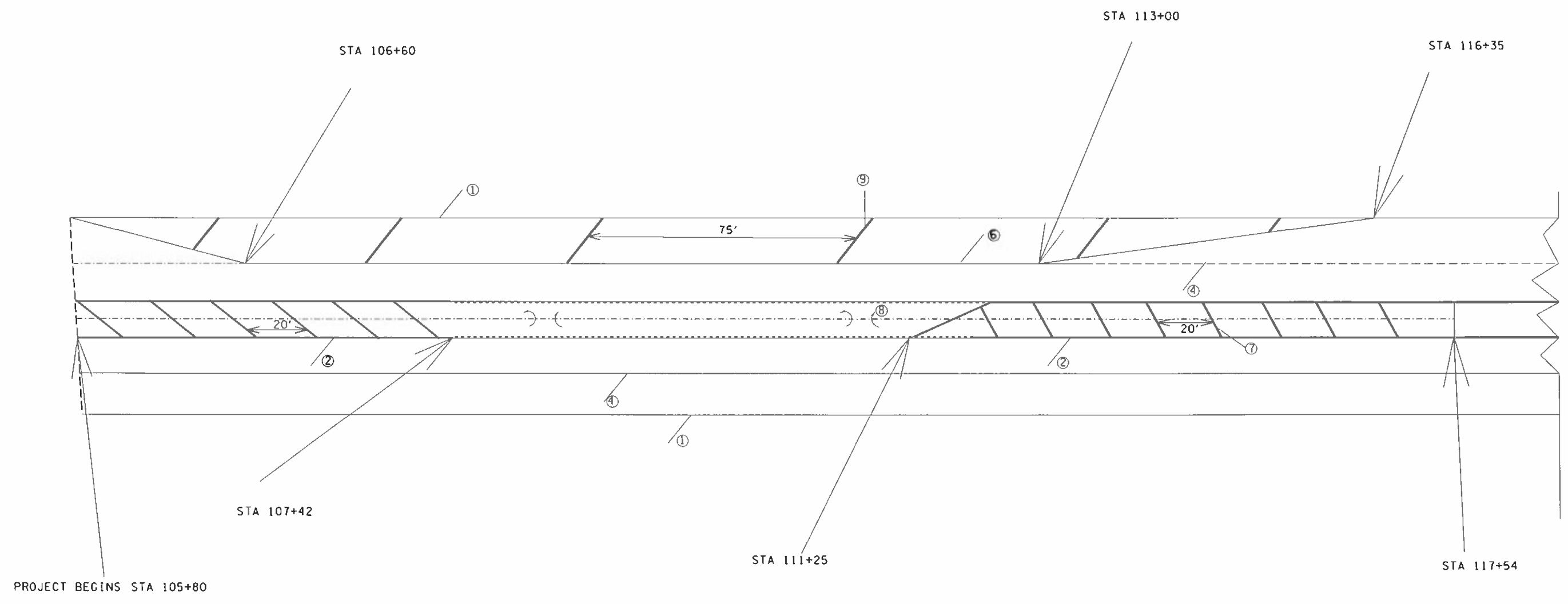
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Default	PLOT DATE = 11/4/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-11RS-1)	MCDONOUGH	13	7
CONTRACT NO. 68G31				
ILLINOIS FED. AID PROJECT				

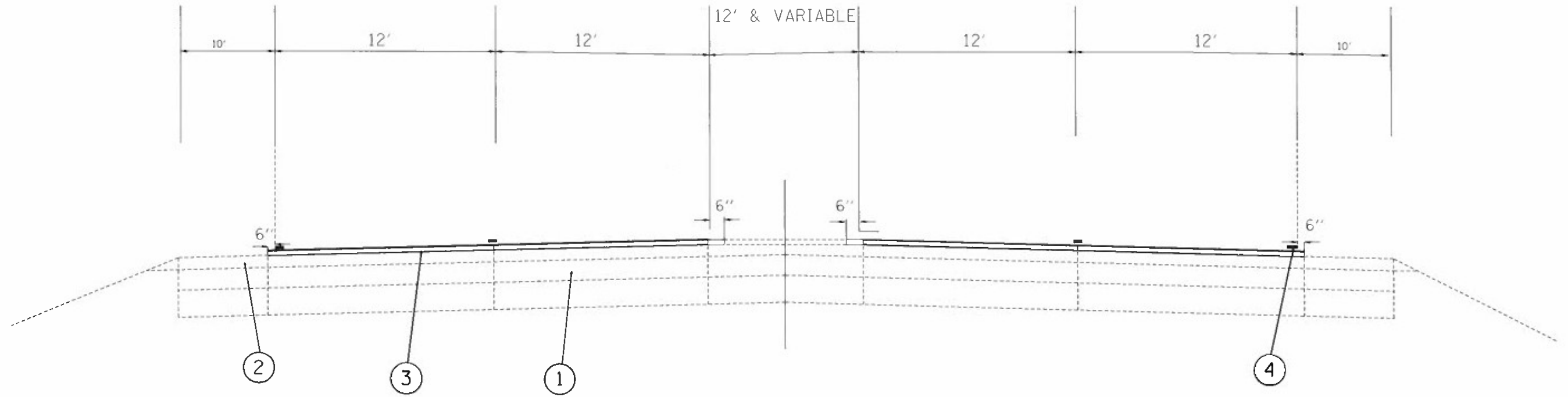
SCALE: SHEET OF SHEETS STA. TO STA.



- PROPOSED PAVEMENT MARKING LEGEND
- ① 4" SOLID WHITE PAINT
  - ② 4" SOLID YELLOW PAINT
  - ③ 4" SKIP-DASH YELLOW PAINT
  - ④ 6" SKIP-DASH WHITE PAINT
  - ⑤ 8" SOLID YELLOW PAINT
  - ⑥ 8" SOLID WHITE PAINT
  - ⑦ 12" SOLID YELLOW PAINT
  - ⑧ LETTERS AND SYMBOLS WHITE PAINT
  - ⑨ 12" SOLID WHITE PAINT

NOT DRAWN TO SCALE

FILE NAME *	USER NAME * levisa*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING DETAILS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										CONTRACT NO. 68C31		



STA. 105+80 - 117+54

**LEGEND**

- ① EXISTING PAVEMENT & OVERLAYS
- ② EXISTING HMA SHOULDER
- ③ PROPOSED CAPE SEAL
- ④ PROPOSED PAVEMENT MARKING

NOT DRAWN TO SCALE

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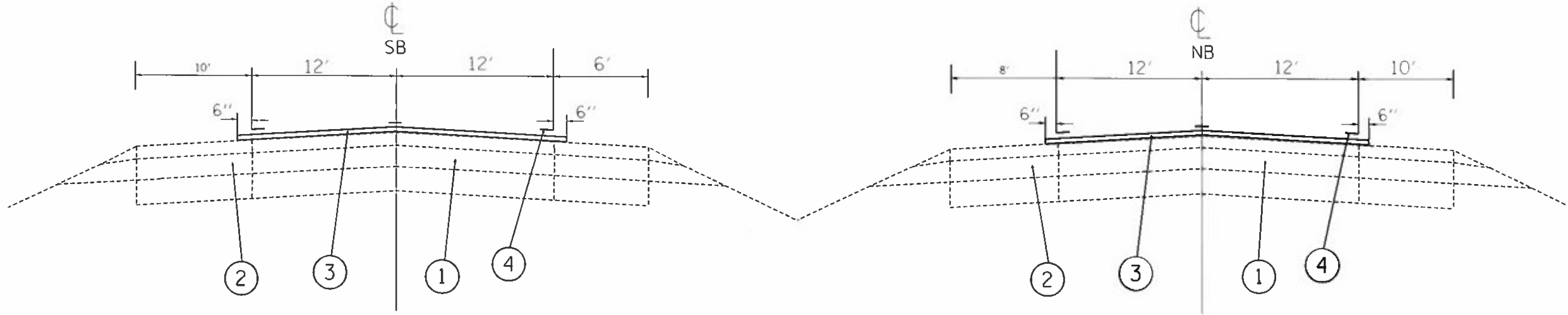
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS-1	MCDONOUGH	13	9
CONTRACT NO. 68G31				
ILLINOIS FED. AID PROJECT				



STA. 117+54 - 260+55

**LEGEND**

- ① EXISTING PAVEMENT & OVERLAYS
- ② EXISTING HMA SHOULDER
- ③ PROPOSED CAPE SEAL
- ④ PROPOSED PAVEMENT MARKING

NOT DRAWN TO SCALE

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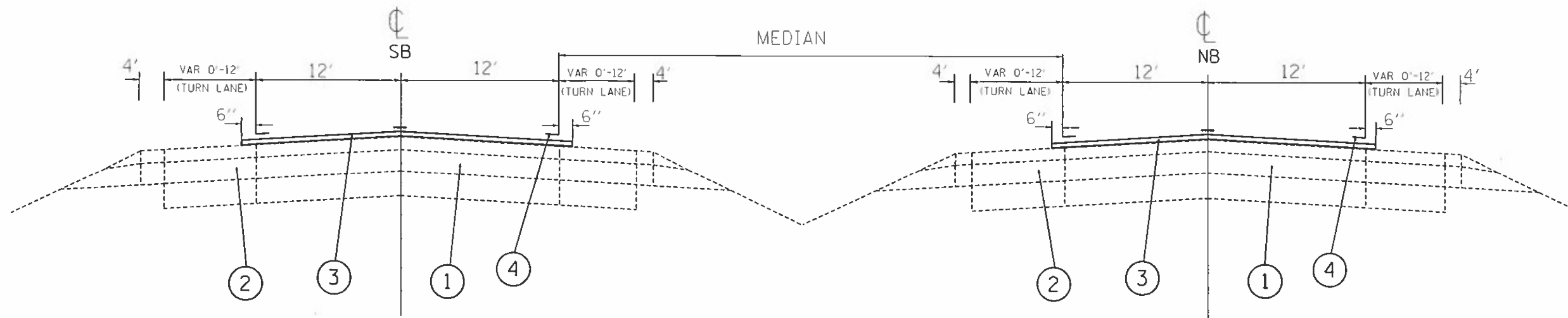
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PLOT DATE = 11/4/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS-1	MCDONOUGH	13	10
CONTRACT NO. 68G31			ILLINOIS FED. AID PROJECT	



AT TURN LANES

**LEGEND**

- ① EXISTING PAVEMENT & OVERLAYS
- ② EXISTING HMA SHOULDER
- ③ PROPOSED CAPE SEAL
- ④ PROPOSED PAVEMENT MARKING

NOT DRAWN TO SCALE

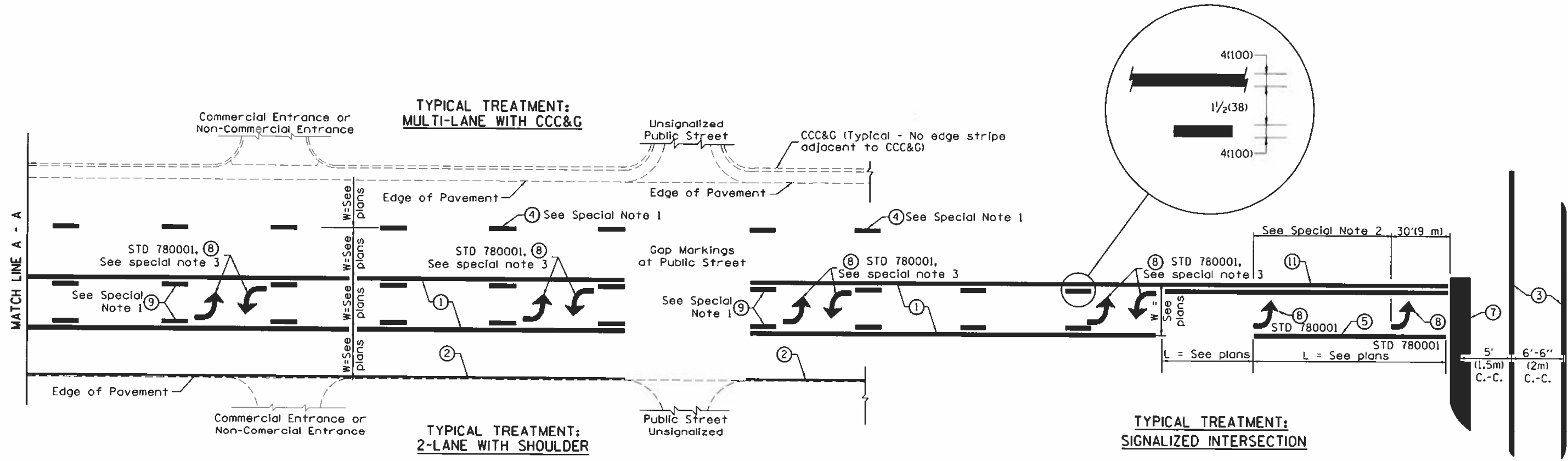
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 PLOT DATE: 1/15/2021

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PLOT SCALE = 99 9998 7/16	DRAWN -	REVISED -
PLOT DATE = 1/15/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS-1	MCDONOUGH	13	11
CONTRACT NO. 68G31				
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) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

**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).

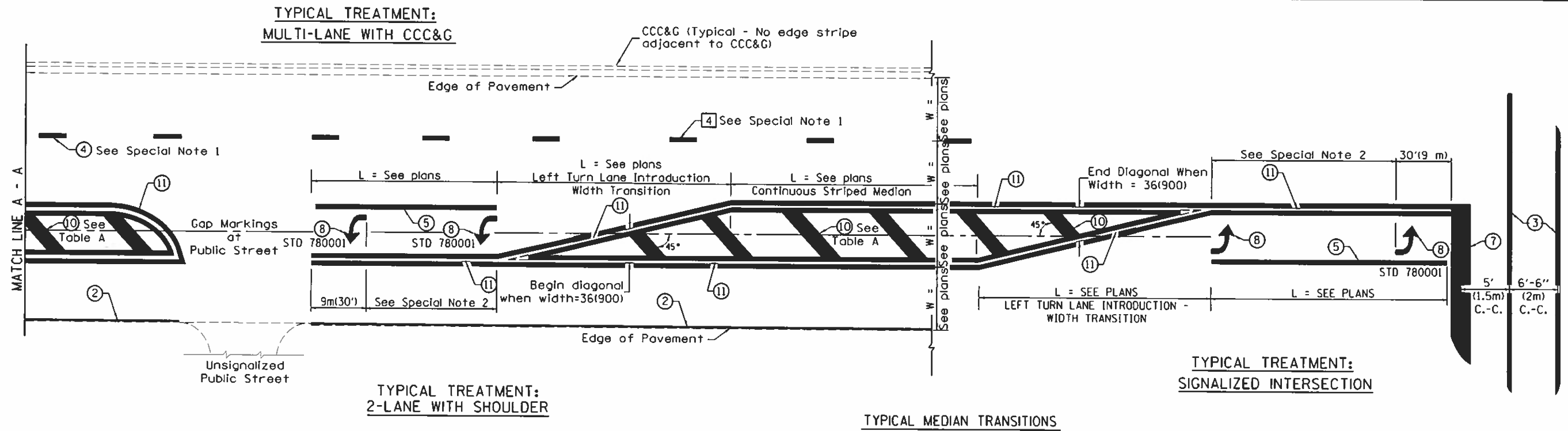
**GENERAL NOTES**

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.

DESIGNER NOTES: 1. Include State Standard 780001 (Typical Pavement Markings)

01-01-97	RENUM. F-8.03. NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL PAVEMENT MARKINGS</b>	NOT TO SCALE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.						310	(38-11RS-1)	MCDONOUGH	13	12
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.										
08-02	ADD CROSSWALK DIMS. WITH T.S.	M.A.										
								SHT. 1 OF 2 CADD STD. 780001-D4		CONTRACT NO. 68G31 ILLINOIS FED. AID PROJECT		

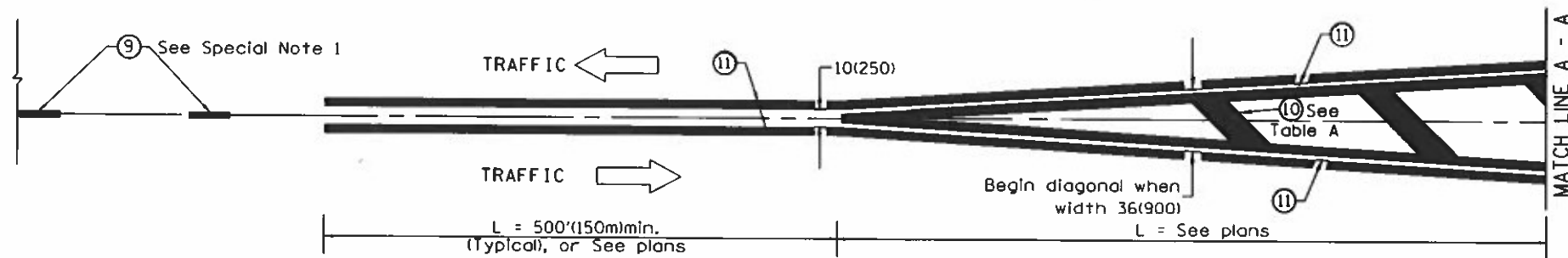




FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

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  
CAOD STD. 780001-04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-11RS-1)	MCDONOUGH	13	13
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68G31	