

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 67 (IL 97 / JEFFERSON ST)  
SECTION (S)RS-5; (107Z)RS-8

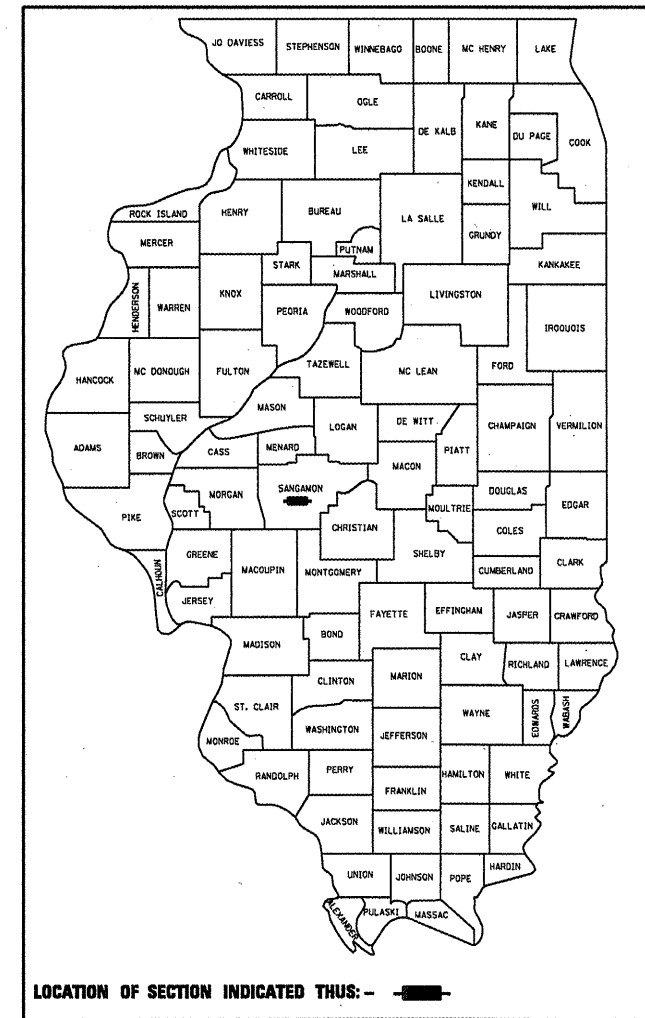
PROJECT ESP-0067(079)

RESURFACING  
SANGAMON COUNTY

C-96-017-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5; (107Z)RS-8	SANGAMON	---	1
		ILLINOIS	CONTRACT NO. 72C40	

D-96-017-09



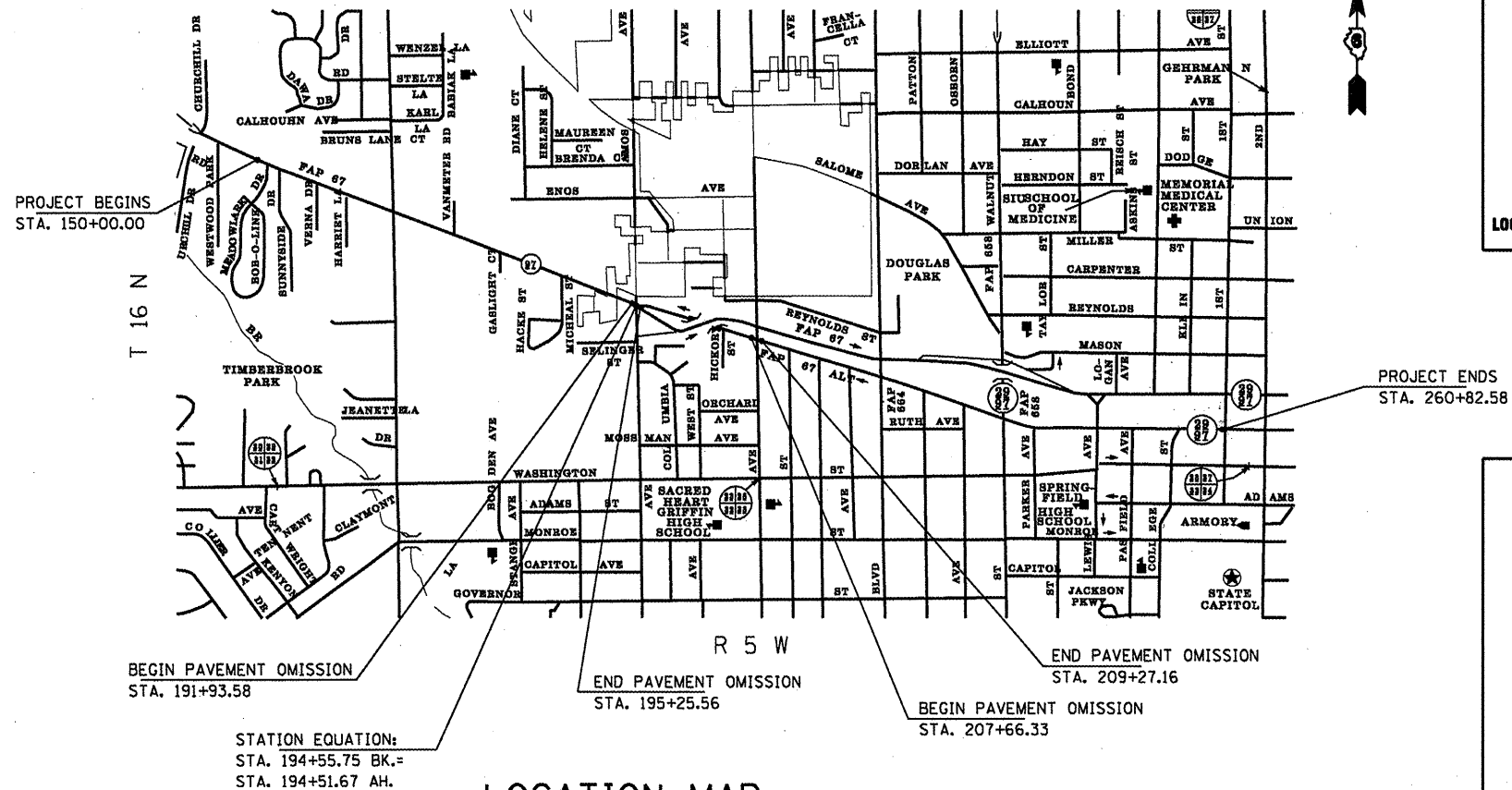
LOCATION OF SECTION INDICATED THIS: -

**INDEX OF SHEETS**

1	COVER SHEET
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40-41	TRAFFIC SIGNAL DETAILS

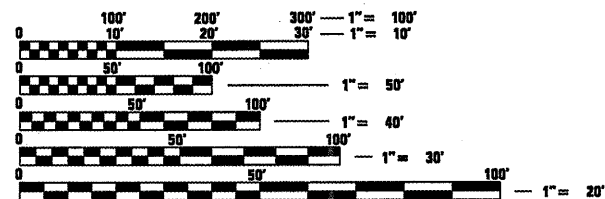
**IDOT HIGHWAY STANDARDS**

000001-05	701311-02
442201-03	701426-02
424001-05	701601-05
604001-02	701602-03
606001-03	701701-05
606301-03	701901-01
701201-02	780001-01
701301-02	781001-02
701306-01	



LOCATION MAP  
SPRINGFIELD IL

GROSS LENGTH = 11086.66 FT. = 2.100 MILE  
NET LENGTH = 11086.66 FT. = 2.100 MILE



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: SAL MADONIA 217-782-4761  
PROJECT MANAGER: KEN ANDERSON 217-524-7546

CONTRACT NO. 72C40

ADT = 18066 (YR. 2008)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED January 16 20 09  
*Roger Oriskany*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13 20 09  
*Charles J. Ingersoll*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 13 20 09  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:  
 BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD. (ON PAVEMENT)  
 BITUMINOUS MATERIALS (PRIME COAT) 0.001425 TON/SQ.YD. (ON AGG)  
 AGGREGATE PRIME COAT 0.002 TON/SQ. YD.  
 BITUMINOUS CONCRETE SURFACE / BINDER 0.056 TON/SQ. YD. PER 1"  
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
9. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
10. THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (PH: 217-785-5312).
11. NO COMMITMENTS MADE.

**THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:**

MIXTURE USE(S):	POLYMER HMA SURFACE	INCIDENTAL HMA SURFACE	PATCHING
PG:	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL9.5 OR IL 12.5	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGREGATE:	MIX "D"	MIX "C"	N/A

<b>DISTRICT SIX</b>	
EXAMINED <u>Jan 16</u>	<u>20 09</u>
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <u>Jan 15</u>	<u>20 09</u>
<i>[Signature]</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>Jan 15</u>	<u>20 09</u>
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

URBAN

CODED PAY ITEM	DESCRIPTION	UNITS	100% FEDERAL	
			TOTAL QUANTITY	ROADWAY
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	24.5	24.5
40600300	AGGREGATE (PRIME COAT)	TON	129	129
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2078.2	2078.2
40600990	TEMPORARY RAMP	SQ YD	842.5	842.5
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5319.8	5319.8
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	73.5	73.5
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	202	202
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	62541.8	62541.8
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	150.7	150.7
44000600	SIDEWALK REMOVAL	SQ FT	264.4	264.4
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	292.4	292.4
44200188	PAVEMENT PATCHING, TYPE I, 16 INCH	SQ YD	16	16
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	273	273
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	19	19
44200198	PAVEMENT PATCHING, TYPE IV, 16 INCH	SQ YD	113	113
56109210	WATER VALVES TO BE ADJUSTED	EACH	3	3
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	42.2	42.2
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	80.4	80.4
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	226.1	226.1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

URBAN

CODED PAY ITEM	DESCRIPTION	UNITS	100% FEDERAL	
			TOTAL QUANTITY	ROADWAY
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4199.6	4199.6
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1399.9	1399.9
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	10611.2	10611.2
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	459	459
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	255	255
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B -INLAID- LETTERS AND SYMBOLS	SQ FT	1354.7	1354.7
78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- INLAID- LINE 5"	FOOT	5686.9	5686.9
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- INLAID- LINE 6"	FOOT	4818.7	4818.7
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID- LINE 24"	FOOT	411	411
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	574	574
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	574	574
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
88600100	DETECTOR LOOP, TYPE I	FOOT	2304	2304
X0325469	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE	EACH	26	26
Z0012500	CONCRETE CURB REPAIR	FOOT	258	258

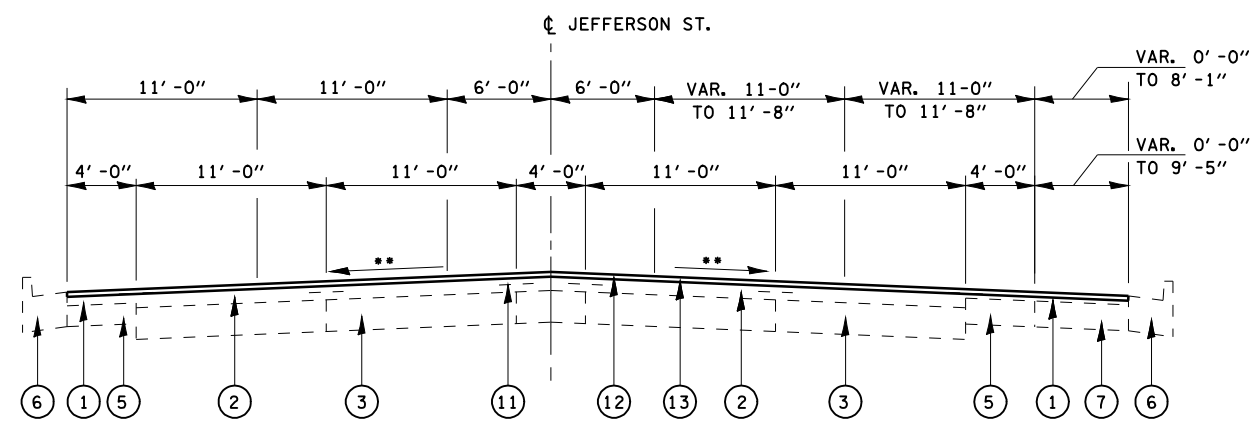
• SPECIALTY ITEMS

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

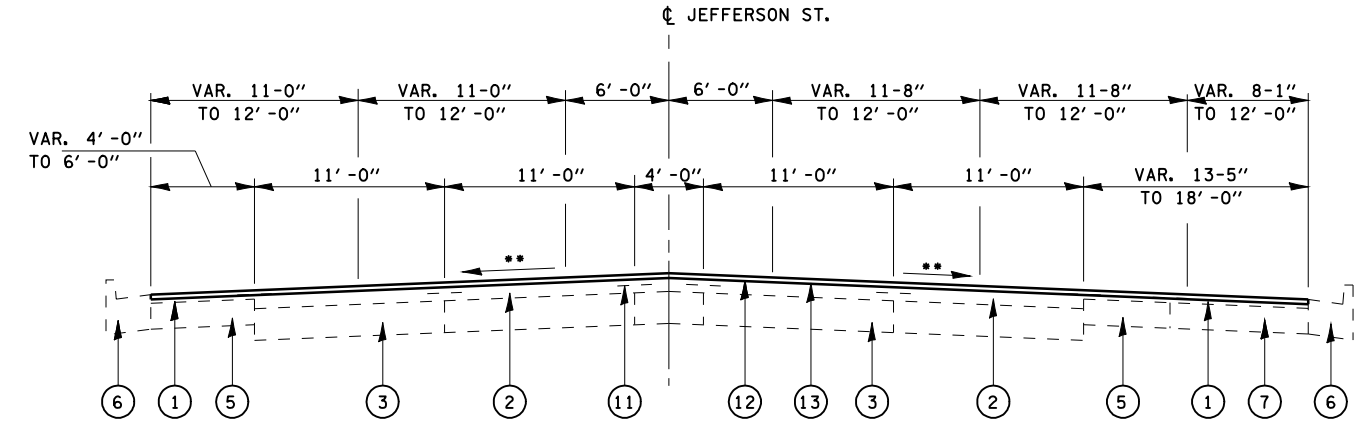
SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107)RS-8	Sangamon	41	3
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72C40	
ILLINOIS FED. AID PROJECT				



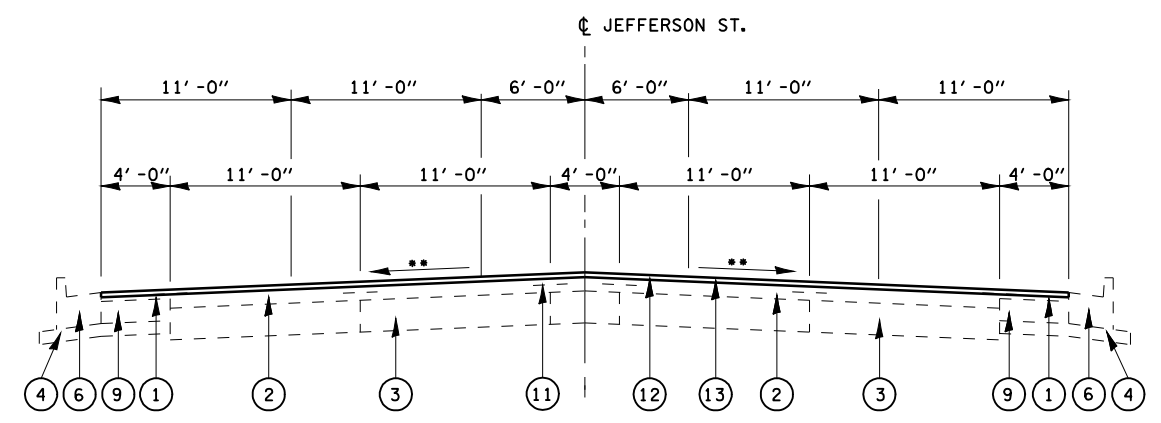
**TYPICAL SECTION #3**

STA. 161+36.41 TO STA. 162+80.00



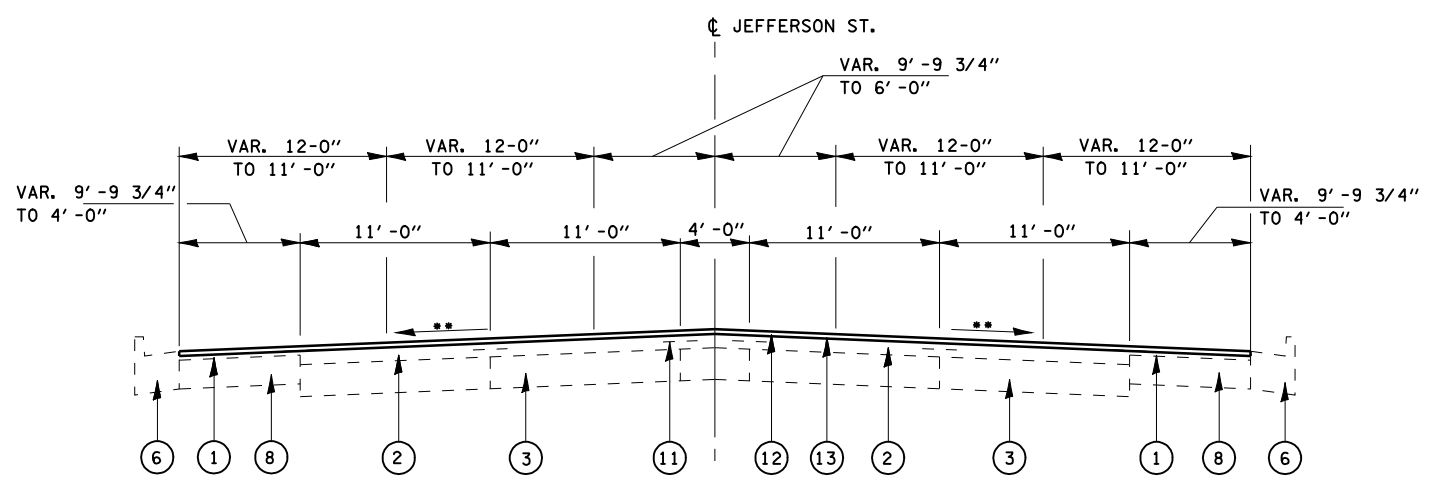
**TYPICAL SECTION #4**

STA. 162+80.00 TO STA. 163+50.00



**TYPICAL SECTION #2 & #9**

STA. 151+28.00 TO STA. 161+36.41  
 STA. 170+71.48 TO STA. 191+93.58  
 OMISSION STA. 191+93.58 TO STA. 195+25.56



**TYPICAL SECTION #1**

STA. 150+00.00 TO STA. 151+28.00

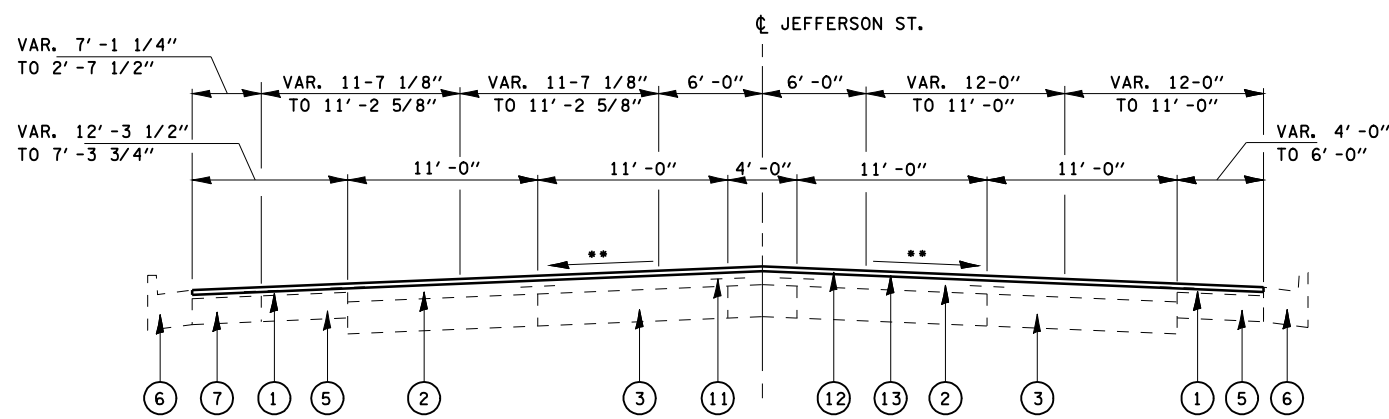
**NOTE:**

\*\* MATCH EXISTING SLOPE  
 3/16" PER FOOT DESIRABLE

**LEGEND**

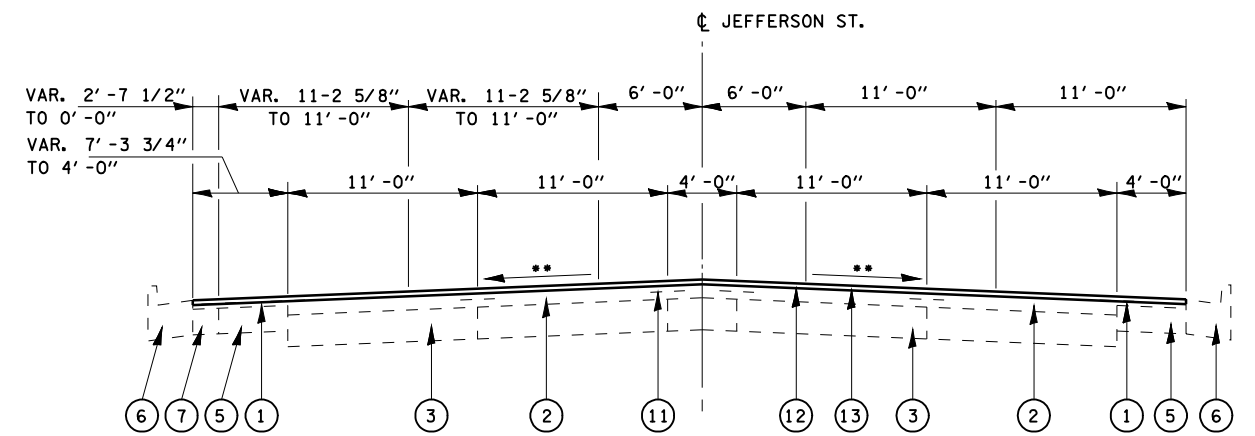
- ① EXIST. BITUMINOUS CONCRETE 2 3/4"
- ② EXIST. BITUMINOUS CONCRETE 5 3/4"
- ③ EXIST. PCC PAVEMENT, 10"
- ④ EXIST. BITUMINOUS BASE COURSE, 4"
- ⑤ EXIST. PCC BASE COURSE WIDENING, 8"
- ⑥ EXIST. COMB. CONC. CURB & GUTTER TYPE B-6.24
- ⑦ EXIST. PCC BASE COURSE, 8"
- ⑧ EXIST. PCC BASE COURSE, 9"
- ⑨ EXIST. BITUMINOUS BASE COURSE WIDENING, 7"
- ⑩ EXIST. PCC PAVEMENT, 8"
- ⑪ EXIST STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑬ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", NTO (1 1/2")

FILE NAME = S:\CADD\72C40 (D9601709)\D672C40\CADD\	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					67	(S)RS-5 <sub>1</sub> (I)TZRS-8	SANGAMON	41	4
		CHECKED -	REVISED -		CONTRACT NO. 72C40							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



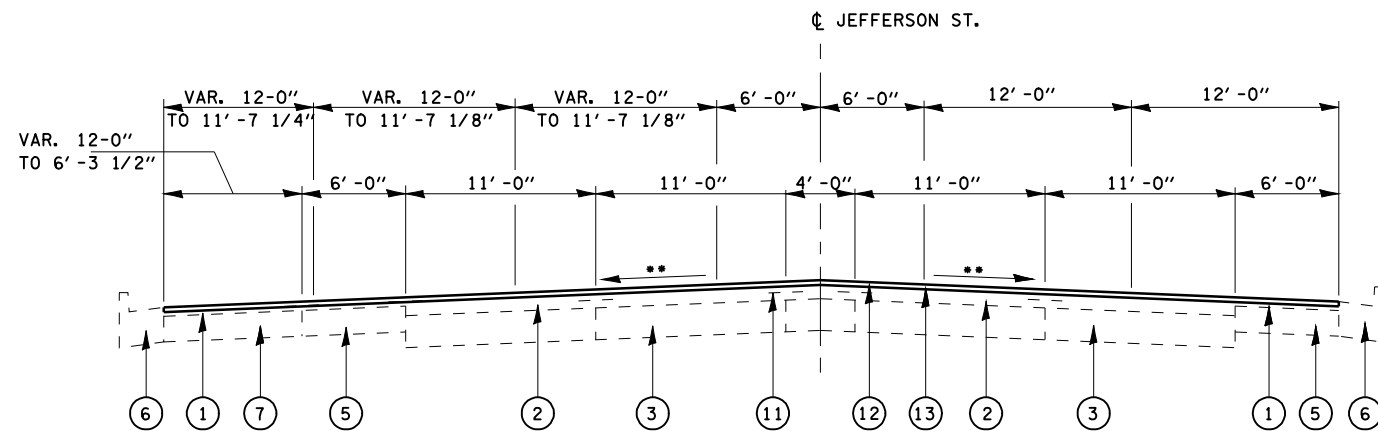
TYPICAIL SECTION #7

STA. 169+55.00 TO STA. 170+25.00



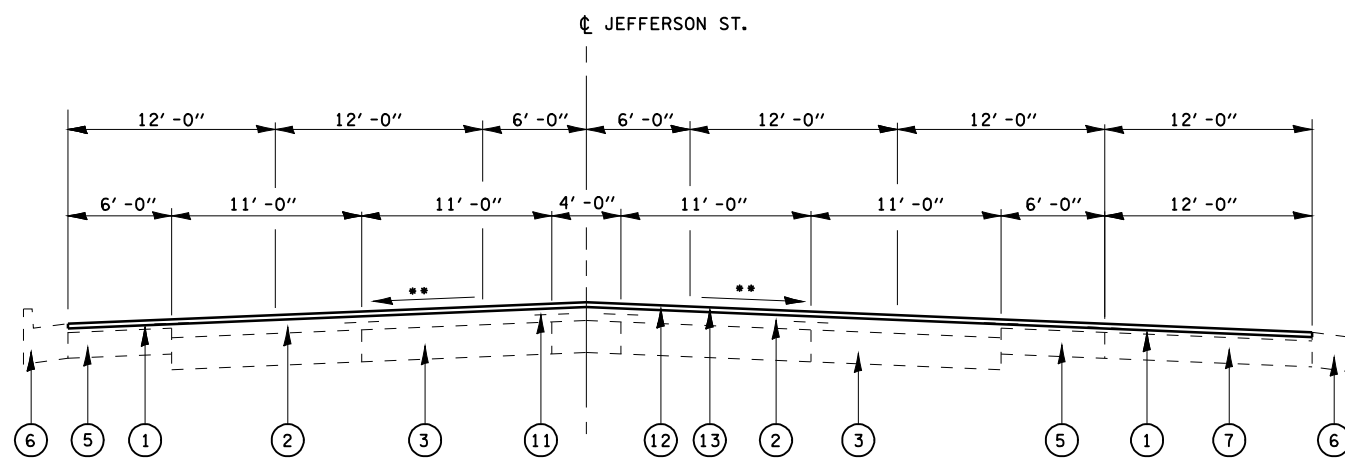
TYPICAIL SECTION #8

STA. 170+25.00 TO STA. 170+71.48



TYPICAIL SECTION #6

STA. 168+74.79 TO STA. 169+55.00



TYPICAIL SECTION #5

STA. 163+50.00 TO STA. 168+74.79

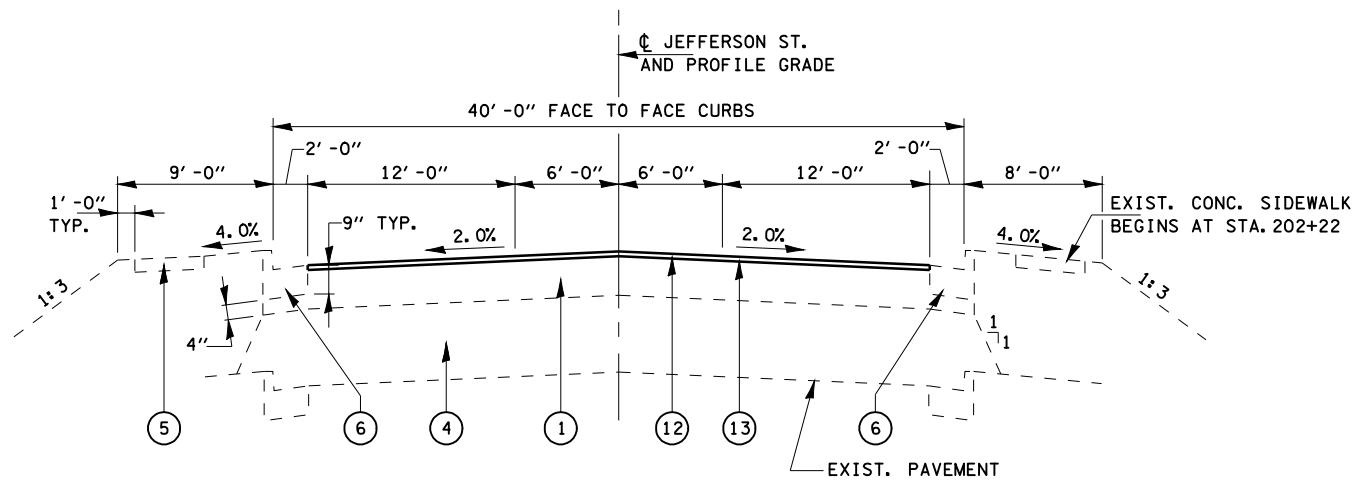
NOTE:

- \*\* MATCH EXISTING SLOPE  
3/16" PER FOOT DESIRABLE

LEGEND

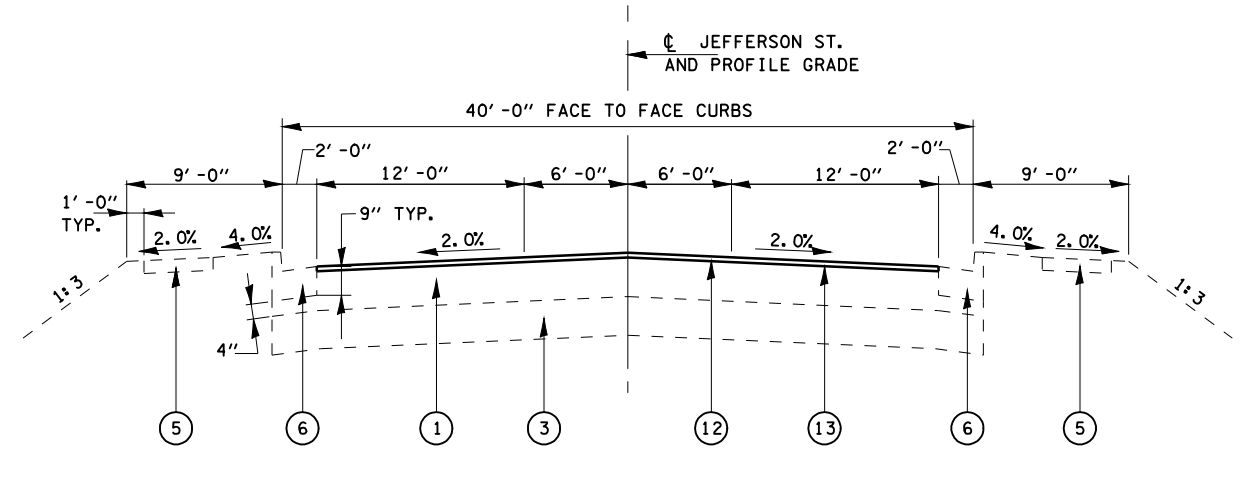
- ① EXIST. BITUMINOUS CONCRETE 2 3/4"
- ② EXIST. BITUMINOUS CONCRETE 5 3/4"
- ③ EXIST. PCC PAVEMENT, 10"
- ④ EXIST. BITUMINOUS BASE COURSE, 4"
- ⑤ EXIST. PCC BASE COURSE WIDENING, 8"
- ⑥ EXIST. COMB. CONC. CURB & GUTTER TYPE B-6.24
- ⑦ EXIST. PCC BASE COURSE, 8"
- ⑧ EXIST. PCC BASE COURSE, 9"
- ⑨ EXIST. BITUMINOUS BASE COURSE WIDENING, 7"
- ⑩ EXIST. PCC PAVEMENT, 8"
- ⑪ EXIST STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑫ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑬ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2")

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CADD\72C40 (D9601709)\D672C40\CADD\sh\sh\typical.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -					67	(S)RS-5; (I)7ZRS-8	SANGAMON	41	5
PLOT DATE = Jan-15-2009 05:36:35PM	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72C40				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



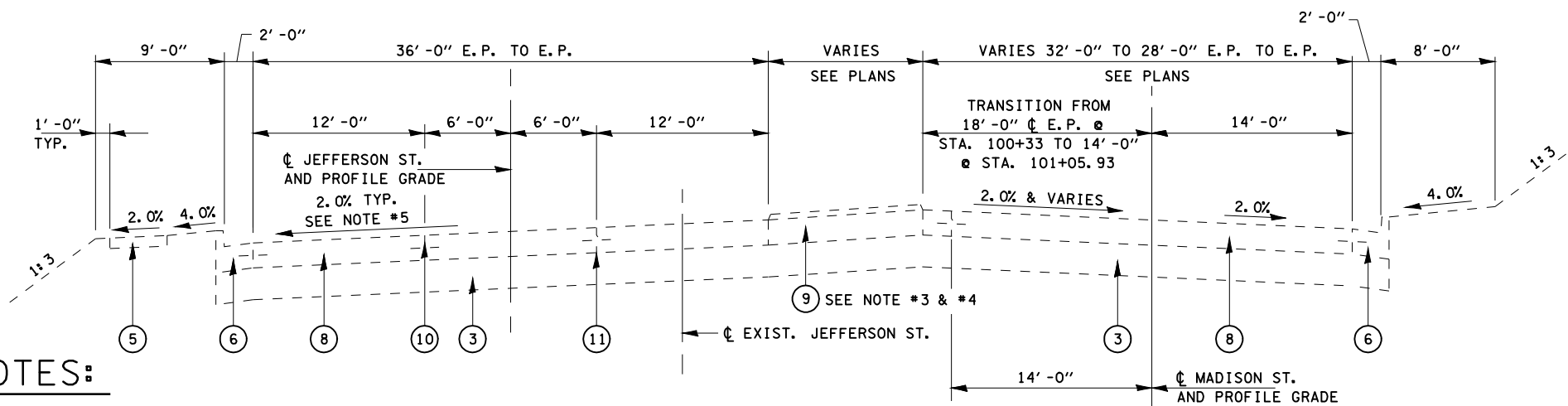
**TYPICAL SECTION #12**

STA. 195+25.56 TO STA. 204+00.00



**TYPICAL SECTION #13**

STA. 204+00.00 TO STA. 207+66.33  
OMISSION JEFFERSON ST. STA. 207+66.33 TO STA. 209+27.16



**TYPICAL SECTION #11**

JEFFERSON ST. AND MADISON ST.  
OMISSION JEFFERSON ST. STA. 194+55.75 TO STA. 195+25.56  
OMISSION MADISON ST. STA. 99+72.86 TO STA. 101+79.06

**NOTES:**

- 3. VARIABLE WIDTH CORRUGATED MEDIAN  
STA. 100+26.75 TO STA. 101+98.04 MADISON ST.
- 4. BEGIN COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 STA. 196+07.00
- 5. SUPERELEVATION 2% REMOVED  
FROM STA. 195+25.00 TO STA. 196+25.00  
AT STA. 193+90.75

**LEGEND**

- ① EXIST. BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) TYPE 2-13 3/4"  
EXIST. FULL DEPTH PAVEMENT INCLUDES:  
BITIMINOUS CONCRETE SURFACE COURSE MIXTURE "E", CLASS I, TYPE 2 (1 1/2")  
BITIMINOUS CONCRETE BINDER COURSE MIXTURE "B", TYPE 2 - 12 1/4"
- ② EXIST. BITUMINOUS CONCRETE SURFACE COURSE MIXTURE "E", CLASS I, TYPE 2 (1 1/2")
- ③ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ④ EXIST. GRANULAR EMBANKMENT
- ⑤ EXIST. PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH X 4'-0"
- ⑥ EXIST. COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
- ⑦ EXIST. COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18
- ⑧ EXIST. PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (HINGE-JOINTED)
- ⑨ EXIST. CORRUGATED MEDIAN
- ⑩ SAWED LONGITUDINAL JOINT
- ⑪ KEYED LONGITUDINAL CONSTRUCTION JOINT
- ⑫ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑬ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2")

**NOTES:**

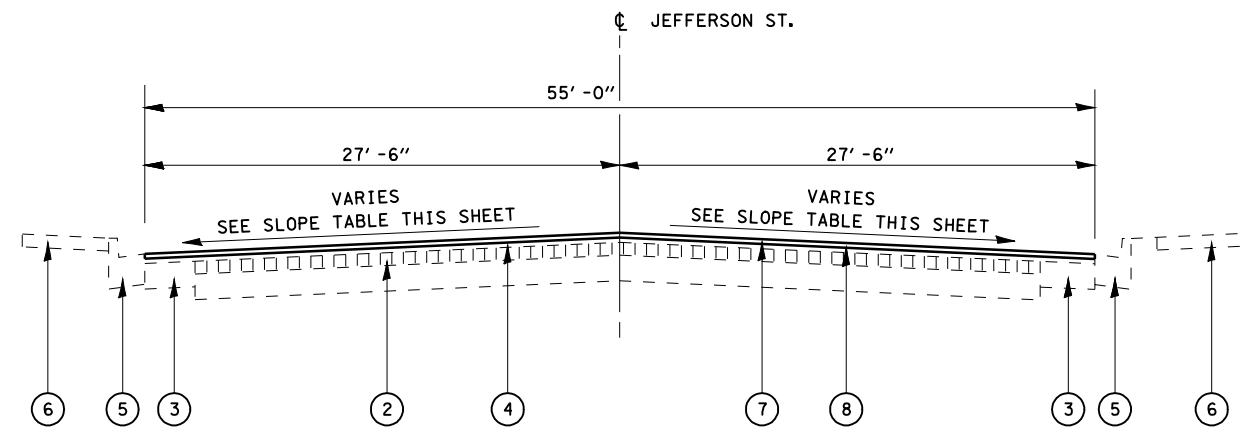
- 1. TRANSITION FROM EXIST. ROAD SLOPE  
AT STA. 191+90.00 TO 2% SLOPE  
AT STA. 192+50.00
- 2. TRANSITION FROM 22'-0" PAVEMENT  
AT STA. 192+90.75 TO 24'-0" PAVEMENT  
AT STA. 193+90.75

**NOTE:**  
PROJECT OMISSION LIMITS:  
STA. 191+93.58 TO STA. 195+25.65  
STA. 207+66.33 TO STA. 209+27.16  
TYPICAL SECTION #10 & #11 ARE FOR  
INFORMATION ONLY.

**TYPICAL SECTION #10**

JEFFERSON ST. AND MADISON ST.  
OMISSION JEFFERSON ST. STA. 191+93.58 TO STA. 194+55.75  
OMISSION MADISON ST. STA. 97+08.58 TO STA. 99+72.86

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Jan-23-2009 10:43:05AM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 72C40							
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

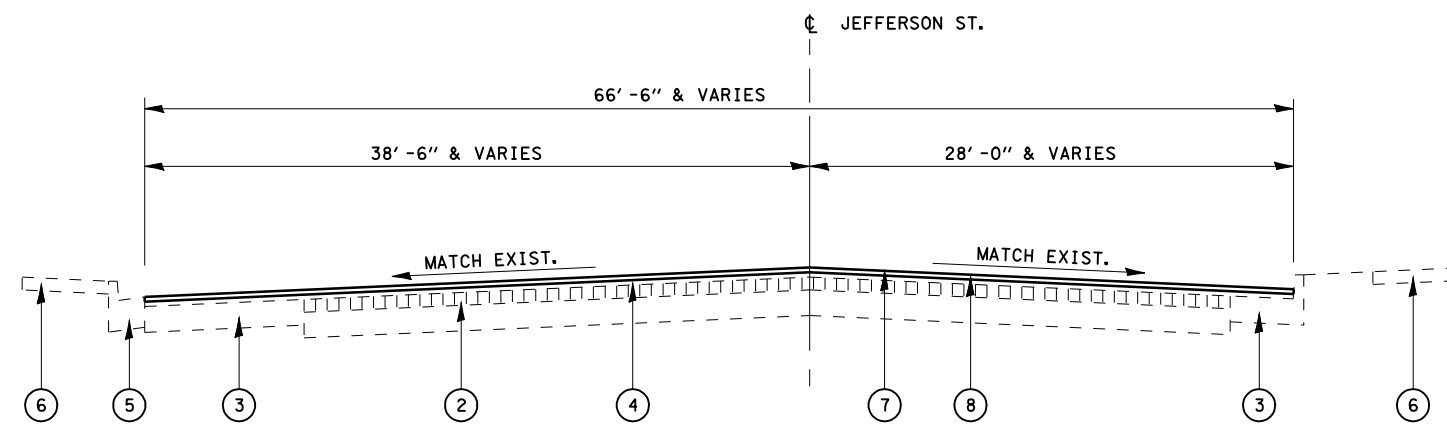


**TYPICAIL SECTION #16**

STA. 240+05.00 TO STA. 251+20.00

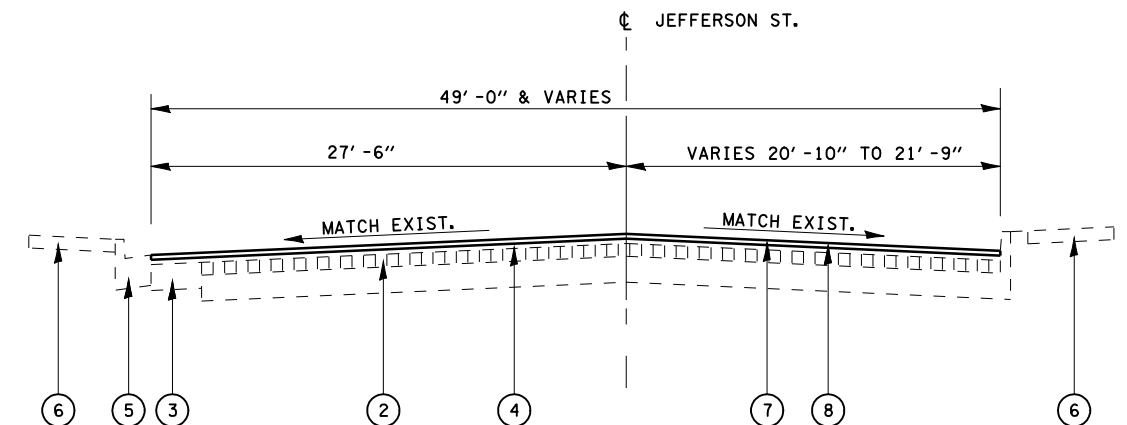
**TYPICAL SECTION #16  
PAVEMENT SLOPE TABLE**

	SLOPE ON PAVEMENT	
	LT.	RT.
STA. 240+05.00 TO STA. 242+70.00	0.03' / FT.	0.015' / FT.
STA. 242+70.00 TO STA. 249+20.00	0.02' / FT.	0.02' / FT.
STA. 249+20.00 TO STA. 251+20.00	0.02' / FT.	0.035' / FT.



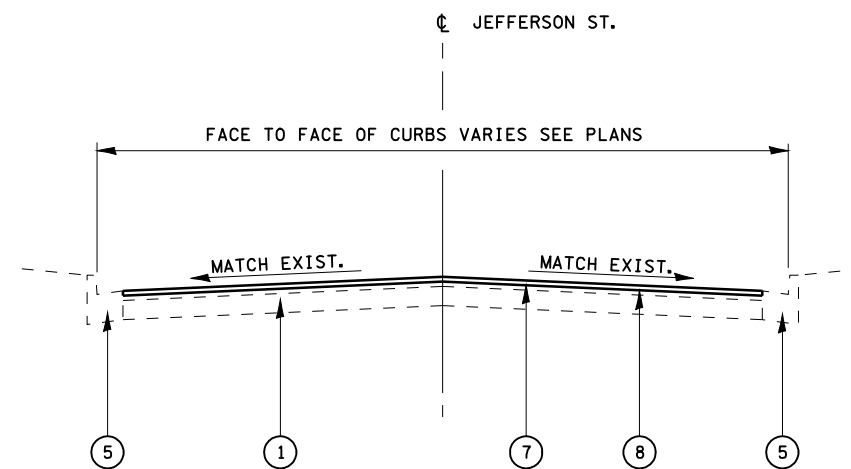
**TYPICAIL SECTION #15**

STA. 238+00.00 TO STA. 240+05.00



**TYPICAIL SECTION #17**

STA. 251+20.00 TO STA. 260+82.58



**TYPICAIL SECTION #14**

STA. 209+27.16 TO STA. 238+00.00

**LEGEND**

- ① EXIST. BITUMINOUS SURFACE OVER BRICK PAVEMENT
- ② EXIST. BRICK ON PCC PAVEMENT
- ③ EXIST. PCC BASE COURSE 8"
- ④ EXIST. BITUMINOUS CONCRETE PAVEMENT
- ⑤ EXIST. COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18
- ⑥ EXIST. PCC SIDEWALK 4"
- ⑦ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1 1/2")

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
et:\pwork\pwork\LAUGHLINRL\dms44861\0672C40-sht-typico1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Jan-20-2009 10:47:55AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5; (I)TZRS-8	SANGAMON	41	7
CONTRACT NO. 70C40				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**PAVEMENT SCHEDULE**

LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HOT-MIX ASPHALT SURF REM BUTT - JOINT (SQ YD)	HOT-MIX ASPHALT SURF REMOVAL 1 1/2" (SQ YD)	POLYMERIZED HMA SURF CSE, MIX "D", N70 (1 1/2") (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)
FAP 67 ( IL 97/ JEFFERSON ST. )							
STA. 150+00.00 TO STA. 150+27.00	27.00	VAR 67.58 - 66.30	200.8		16.87	0.08	0.40
STA. 150+27.00 TO STA. 151+32.88	105.88	VAR 66.30 - 56.30		721.2	60.58	0.27	1.44
STA. 151+32.88 TO STA. 161+36.41	1,003.53	VAR 56.30 - 56.05		6263.7	526.15	2.38	12.53
STA. 161+36.41 TO STA. 162+80.00	143.59	VAR 56.05 - 65.42		969.0	81.40	0.37	1.94
STA. 162+80.00 TO STA. 163+50.00	70.00	VAR 65.42 - 71.95		534.2	44.87	0.20	1.07
STA. 163+50.00 TO STA. 164+51.64	101.64	71.95		812.6	68.25	0.31	1.63
STA. 164+51.64 TO STA. 168+74.79	423.15	VAR 71.95 - 72.00		3384.0	284.26	1.29	6.77
STA. 168+74.79 TO STA. 170+71.48	196.69	VAR 72.00 - 56.90		1408.5	118.32	0.54	2.82
STA. 170+71.48 TO STA. 191+93.58	2,122.10	VAR 56.90 - 55.60		13263.1	1,114.10	5.04	26.53
OMISSION LIMITS OF CONCRETE PAVEMENT STA. 191+93.58 TO STA. 195+25.56							
STA. 195+25.56 TO STA. 202+00.00	674.44	36.30		2720.2	228.50	1.03	5.44
STA. 202+00.00 TO STA. 207+66.33	566.33	36.30		2284.2	191.87	0.87	4.57
OMISSION LIMITS OF CONCRETE PAVEMENT STA. 207+66.33 TO STA. 209+27.16							
STA. 209+27.16 TO STA. 218+72.00	944.84	35.90		3768.9	316.58	1.43	7.54
STA. 218+72.00 TO STA. 220+96.00	224.00	VAR 37.20 - 44.14		1012.2	85.03	0.38	2.02
STA. 220+96.00 TO STA. 223+63.74	267.74	VAR 44.14 - 55.00		1474.7	123.87	0.56	2.95
STA. 223+63.74 TO STA. 225+20.00	156.26	55.00		954.9	80.21	0.36	1.91
STA. 225+20.00 TO STA. 226+29.92	109.92	VAR 55.00 - 41.30		588.1	49.40	0.22	1.18
STA. 226+29.92 TO STA. 232+00.00	570.08	VAR 41.30 - 41.4		2619.2	220.01	1.00	5.24
STA. 232+00.00 TO STA. 233+60.41	160.41	44.00		784.2	65.88	0.30	1.57
STA. 233+60.41 TO STA. 235+45.00	184.59	56.00		1148.6	96.48	0.44	2.30
STA. 235+45.00 TO STA. 237+38.00	193.00	VAR 56.00 - 44.0		1072.2	90.07	0.41	2.14
STA. 237+38.00 TO STA. 239+50.00	212.00	66.50		1566.4	131.58	0.60	3.13
STA. 239+50.00 TO STA. 240+85.00	135.00	VAR 66.50 - 55.0		911.3	76.55	0.35	1.82
STA. 240+85.00 TO STA. 247+50.00	665.00	55.00		4063.9	341.37	1.54	8.13
STA. 247+50.00 TO STA. 251+25.00	375.00	55.00		2291.7	192.50	0.87	4.58
STA. 251+25.00 TO STA. 256+67.00	542.00	49.00		2950.9	247.87	1.12	5.90
STA. 256+67.00 TO STA. 260+52.58	385.58	48.50		2077.8	174.54	0.79	4.16
STA. 260+52.58 TO STA. 260+82.58	30.00	VAR 48.50 - 68.0	194.2		0.00	0.00	0.00
SIDEROADS							
BRUNS LANE RT			220.0	1422.5	119.49	0.62	3.28
BRUNS LANE LT			220.00	1,473.67	142.27	0.64	3.39
MACARTHUR RT			221.45		18.60	0.08	0.44
WALNUT RT			146.38		12.30	0.06	0.29
MEADOWLARK DR			123.50			0.05	0.25
SUNNYSIDE DR			130.30			0.05	0.26
HICKORY ST			99.00			0.04	0.20
ILLINOIS ST			60.20			0.02	0.12
DOUGLAS ST			109.00			0.04	0.22
ENGLISH ST			78.80			0.03	0.16
STATE ST			83.00			0.03	0.17
GLENWOOD ST			76.20			0.03	0.15
PARKER AVE			81.90			0.03	0.16
PASFIELD			33.50			0.01	0.07
<b>TOTAL</b>	<b>10,587.27</b>		<b>2,078.2</b>	<b>62,541.8</b>	<b>5,319.8</b>	<b>24.5</b>	<b>128.9</b>



TEMPORARY RAMPS				
LOCATION STATION		DESCRIPTION		AREA (SQ YD)
<b>SIDE ROADS</b>				
STA. 56+76.00	RT	BRUNS LANE		36.7
STA. 58+16.00	LT	BRUNS LANE		36.7
STA. 151+64.00	RT	MEADOWLARK DR		12.2
STA. 152+90.00	RT	SUNNYSIDE DR		12.2
STA. 205+05.00	RT	HICKORY ST		18.9
STA. 212+07.00	RT	ILLINOIS ST		12.2
STA. 215+60.00	RT	DOUGLAS ST		13.9
STA. 218+93.0	RT	ENGLISH ST		14.0
STA. 222+48.4	RT & LT	MACARTHUR		137.8
STA. 227+42.0	RT	STATE ST		16.7
STA. 231+85.0	LT	GLENWOOD ST		76.7
STA. 236+68.0	RT & LT	WALNUT ST		110.0
STA. 240+17.0	RT	PARKER AVE		20.0
STA. 247+15.0	RT & LT	LEWIS ST		133.3
STA. 251+00.0	RT	PASFIELD		13.3
STA. 255+60.0	RT	COLLEGE ST		26.7
<b>JEFFERSON</b>				
STA. 150+00.00	TO	STA. 150+05.00	BUTT JOINT	37.8
STA. 191+88.58	TO	STA. 191+93.58	BUTT JOINT	26.7
STA. 195+25.56	TO	STA. 195+30.56	BUTT JOINT	20.0
STA. 207+61.33	TO	STA. 207+66.33	BUTT JOINT	20.0
STA. 209+27.16	TO	STA. 209+32.16	BUTT JOINT	20.0
STA. 260+72.70	TO	STA. 260+82.12	BUTT JOINT	26.7
<b>TOTAL</b>				<b>842.5</b>

INCIDENTAL BITUMINOUS SURFACE				
LOCATION STATION		DESCRIPTION	AREA (SQ YD)	( TONS)
STA. 151+64.00	RT	MEADOWLARK DR	123.5	10.4
STA. 152+90.00	RT	SUNNYSIDE DR	130.3	10.9
STA. 205+05.00	RT	HICKORY ST	99.0	8.3
STA. 212+07.00	RT	ILLINOIS ST	60.2	5.1
STA. 215+60.00	RT	DOUGLAS ST	109.0	9.2
STA. 218+93.0	RT	ENGLISH ST	78.8	6.6
STA. 227+42.0	RT	STATE ST	83.0	7.0
STA. 231+85.0	LT	GLENWOOD ST	76.2	6.4
STA. 240+17.0	RT	PARKER AVE	81.9	6.9
STA. 251+00.0	RT	PASFIELD	33.5	2.8
<b>TOTAL</b>				<b>73.5</b>

REMOVAL SCHEDULE				
LOCATION STATION	DESCRIPTION	CURB AND GUTTER REMOVAL (FT)	SIDEWALK REMOVAL (SQ FT)	MEDIAN SURFACE REMOVAL (SQ FT)
<b>JEFFERSON</b>				
STA. 165+60.00	NW ISLAND	78.3	131.4	194.5
STA. 166+40.00	SE ISLAND	72.4	133.0	97.9
<b>TOTAL</b>		<b>150.7</b>	<b>264.4</b>	<b>292.4</b>

BRUNS LANE ISLAND SCHEDULE					
LOCATION STATION	DESCRIPTION	COMBINATION CONCRETE CURB & GUTTER TYPE M-6.06 (FT)	COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24 (FT)	PCC SIDEWALK 4" (SQ FT)	CONCRETE MEDIAN SURFACE 4" (SQ FT)
<b>JEFFERSON</b>					
STA. 165+60.00	NW ISLAND	22.3	43.1	108.0	135.0
STA. 166+40.00	SE ISLAND	19.9	37.3	94.0	91.1
<b>TOTAL</b>		<b>42.2</b>	<b>80.4</b>	<b>202.0</b>	<b>226.1</b>

MANHOLES TO BE ADJUSTED			
LOCATION STATION	DESCRIPTION	MANHOLES TBA (EACH)	MANHOLES TBA W/ NEW TYP. 1 FRAME, CLOSED LID (EACH)
<b>JEFFERSON</b>			
STA. 189+60.00	RIGHT LN		1
STA. 199+00.00	RIGHT LN	1	
STA. 212+00.00	LEFT LN	1	
STA. 222+00.00	CENTER LN		1
STA. 240+00.00	RIGHT LN	1	
STA. 252+58.00	LEFT LN		1
STA. 257+00.00	LEFT LN	1	
<b>TOTALS</b>		<b>4</b>	<b>3</b>

WATER VALVES TO BE ADJUSTED		
LOCATION STATION	DESCRIPTION	LENGTH (EACH)
<b>JEFFERSON</b>		
STA. 169+60.00	RIGHT TURN LANE	1
STA. 218+25.00	LEFT LANE	1
STA. 236+25.00	LEFT LANE	1
<b>TOTAL</b>		<b>3</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 5''						
LOCATION STATION TO STATION	DESCRIPTION		LENGTH (FT)	SPACING	NUMBER OF LINES	LENGTH (FT)
JEFFERSON						
YELLOW						
STA. 150+00.00 TO STA. 163+19.80	SKIP - DASH (CENTER)		1319.8	10' @ 40'	2	659.90
STA. 169+81.80 TO STA. 191+93.58	SKIP - DASH (CENTER)		2211.8	10' @ 40'	2	1105.89
STA. 150+00.00 TO STA. 163+19.80	SOLID (CENTER)		1319.8	-	2	2639.60
STA. 163+19.80 TO STA. 163+65.00	SOLID (CENTER)		45.2	-	4	180.80
STA. 163+65.00 TO STA. 165+67.00	SOLID (CENTER)		202.0	-	2	404.00
STA. 167+04.00 TO STA. 169+33.00	SOLID (CENTER)		229.0	-	2	458.00
STA. 169+33.00 TO STA. 169+81.80	SOLID (CENTER)		48.8	-	4	195.20
STA. 169+81.80 TO STA. 191+93.58	SOLID (CENTER)		2211.8	-	2	4423.56
BRUNS LANE						
STA. 55+20.57 TO STA. 56+76.00	SOLID (CENTER)		155.4	-	2	310.86
STA. 58+16.0 TO STA. 59+32.7	SOLID (CENTER)		116.7	-	2	233.36
<b>TOTAL</b>						<b>10611.2</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 8''		
LOCATION STATION	DESCRIPTION	LENGTH (FT)
JEFFERSON		
WHITE		
STA. 165+69.00	LEFT ISLAND	158.0
STA. 167+00.00	RIGHT ISLAND	141.0
STA. 221+75.00	LEFT ISLAND	75.0
STA. 222+90.00	LEFT ISLAND	85.0
<b>TOTAL</b>		<b>459.0</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 12''		
LOCATION STATION	DESCRIPTION	LENGTH (FT)
JEFFERSON		
WHITE		
STA. 165+69.00	LEFT ISLAND	84.0
STA. 167+00.00	RIGHT ISLAND	59.0
STA. 221+75.00	LEFT ISLAND	25.0
STA. 222+90.00	LEFT ISLAND	25.0
STA. 236+25.00	LEFT ISLAND	62.0
<b>TOTAL</b>		<b>255.0</b>

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS''					
LOCATION STATION TO STATION	DESCRIPTION	ARROW TYPE	NUMBER OF ARROWS	AREA (SQ FT)	TOTAL AREA (SQ FT)
JEFFERSON					
WHITE					
STA. 150+00.00 TO STA. 163+19.80	CENTER	TURN ARROW	12	15.6	187.20
STA. 163+75.00 TO STA. 165+67.00	LEFT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 163+50.00 TO STA. 165+69.00	RIGHT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 169+81.80 TO STA. 191+93.58	CENTER	TURN ARROW	22	15.6	343.20
STA. 166+97.50 TO STA. 168+75.00	RIGHT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 167+04.00 TO STA. 169+29.00	LEFT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 195+25.56 TO STA. 196+55.00	CENTER	THROUGH ARROW	2	11.5	23.00
STA. 195+25.65 TO STA. 196+55.00	RIGHT TURN LANE	COMBINATION	2	26	52.00
STA. 195+25.25 TO STA. 198+70.00	LEFT TURN LANE	TURN ARROW	4	15.6	62.40
STA. 209+34.00 TO STA. 210+00.00	RIGHT TURN LANE	COMBINATION	1	26	26.00
STA. 209+34.00 TO STA. 210+00.00	CENTER	THROUGH ARROW	1	11.5	11.50
STA. 209+34.00 TO STA. 210+00.00	LEFT TURN LANE	COMBINATION	1	26	26.00
STA. 223+00.00 TO STA. 225+02.00	RIGHT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 223+00.00 TO STA. 225+03.00	LEFT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 234+11.00 TO STA. 235+08.00	RIGHT TURN LANE	TURN ARROW	2	15.6	31.20
STA. 237+31.00 TO STA. 238+72.00	RIGHT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 237+31.00 TO STA. 238+11.00	LEFT TURN LANE	TURN ARROW	3	15.6	46.80
STA. 247+75.00 TO STA. 250+79.00	LEFT TURN LANE	COMBINATION	4	26	104.00
STA. 258+43.00	RIGHT	HANDICAPPED SYMBOL	1	4.6	4.60
BRUNS LANE					
WHITE					
STA. 55+20.57 TO STA. 56+76.00	LEFT TURN LANE	TURN ARROW	2	15.6	31.20
STA. 58+16.0 TO STA. 59+32.7	LEFT TURN LANE	TURN ARROW	2	15.6	31.20
STA. 55+20.57 TO STA. 56+47.00	RIGHT TURN LANE	TURN ARROW	2	15.6	31.20
STA. 58+16.00 TO STA. 59+32.68	RIGHT TURN LANE	TURN ARROW	1	15.6	15.60
<b>TOTAL</b>					<b>1354.7</b>

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24''		
LOCATION STATION	DESCRIPTION	LENGTH (FT)
JEFFERSON		
WHITE		
STA. 165+69.00	MAINLINE	24.0
STA. 165+67.00	RIGHT TURN LANE	12.0
STA. 165+69.00	LEFT TURN LANE	12.0
STA. 166+97.50	MAINLINE	24.0
STA. 166+97.50	RIGHT TURN LANE	12.0
STA. 167+04.00	LEFT TURN LANE	12.0
STA. 195+26.00	MAINLINE/LEFT TURN LANE	36.0
STA. 223+00.00	MAINLINE/LEFT TURN LANE	50.0
STA. 237+20.00	MAINLINE/LEFT & RIGHT TURN	69.0
STA. 247+80.00	MAINLINE/LEFT TURN LANE	56.0
BRUNS LANE		
STA. 56+76.00	MAINLINE	36.0
STA. 58+16.00	MAINLINE	36.0
STA. 56+49.00	RIGHT TURN LANE	16.0
STA. 58+38.0	RIGHT TURN LANE	16.0
<b>TOTAL</b>		<b>411.0</b>

SHORT-TERM PAVEMENT MARKING								
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	NUMBER OF LINES	LENGTH (FT)	WORK ZONE PAVE MARK REM (SQ FT)		
JEFFERSON								
YELLOW								
STA. 150+00.00 TO STA. 163+19.80	SKIP - DASH (CENTER)	1319.8	4' @ 40'	2	264.0	88.0		
STA. 169+81.80 TO STA. 191+93.71	SKIP - DASH (CENTER)	2211.9	4' @ 40'	2	442.4	147.5		
STA. 150+00.00 TO STA. 163+19.80	SOLID (CENTER)	1319.8	4' @ 40'	2	264.0	88.0		
STA. 163+19.80 TO STA. 163+65.00	SOLID (CENTER)	45.2	4' @ 40'	4	18.1	6.0		
STA. 163+65.00 TO STA. 165+67.00	SOLID (CENTER)	202.0	4' @ 40'	2	40.4	13.5		
STA. 167+04.00 TO STA. 169+33.00	SOLID (CENTER)	229.0	4' @ 40'	2	45.8	15.3		
STA. 169+33.00 TO STA. 169+81.80	SOLID (CENTER)	48.8	4' @ 40'	4	19.5	6.5		
STA. 169+81.80 TO STA. 191+93.58	SOLID (CENTER)	2211.8	4' @ 40'	2	442.4	147.5		
WHITE								
STA. 150+00.00 TO STA. 165+69.00	SKIP - DASH (LT&RT)	1569.0	4' @ 40'	2	313.8	104.6		
STA. 166+97.50 TO STA. 191+93.71	SKIP - DASH (LT&RT)	2496.2	4' @ 40'	2	499.2	166.4		
STA. 195+25.56 TO STA. 202+00.00	SKIP - DASH (LT)	674.4	4' @ 40'	1	67.4	22.5		
STA. 202+00.00 TO STA. 207+66.33	SKIP - DASH (LT&RT)	566.3	4' @ 40'	2	113.3	37.8		
STA. 209+27.16 TO STA. 222+00.00	SKIP - DASH (LT&RT)	1272.8	4' @ 40'	2	254.6	84.9		
STA. 223+00.00 TO STA. 236+30.00	SKIP - DASH (LT&RT)	1330.0	4' @ 40'	2	266.0	88.7		
STA. 234+50.00 TO STA. 236+30.00	SKIP - DASH (LT&RT)	180.0	4' @ 40'	3	54.0	18.0		
STA. 237+23.00 TO STA. 239+00.00	SKIP - DASH (LT&RT)	177.0	4' @ 40'	4	70.8	23.6		
STA. 239+00.00 TO STA. 246+70.00	SKIP - DASH (LT&RT)	770.0	4' @ 40'	4	308.0	102.7		
STA. 247+75.00 TO STA. 250+84.00	SKIP - DASH (LT&RT)	309.0	4' @ 40'	4	123.6	41.2		
STA. 250+84.00 TO STA. 260+72.70	SKIP - DASH (LT&RT)	988.7	4' @ 40'	2	197.7	65.9		
STA. 163+50.00 TO STA. 165+69.00	RIGHT TURN LANE	219.0	4' @ 40'	1	21.9	7.3		
STA. 161+40.00 TO STA. 163+50.00	RIGHT TURN LANE SKIP	210.0	4' @ 40'	1	21.0	7.0		
STA. 163+75.00 TO STA. 165+67.00	LEFT TURN LANE	192.0	4' @ 40'	1	19.2	6.4		
STA. 166+97.50 TO STA. 168+75.00	RIGHT TURN LANE	177.5	4' @ 40'	1	17.8	5.9		
STA. 167+04.00 TO STA. 169+29.00	LEFT TURN LANE	225.0	4' @ 40'	1	22.5	7.5		
STA. 195+26.00 TO STA. 198+70.00	LEFT TURN LANE	344.0	4' @ 40'	1	34.4	11.5		
STA. 198+70.00 TO STA. 202+03.00	LEFT TURN LANE SKIP	333.0	4' @ 40'	1	33.3	11.1		
STA. 223+00.00 TO STA. 225+03.00	LEFT TURN LANE	203.0	4' @ 40'	1	20.3	6.8		
STA. 223+19.00 TO STA. 225+02.00	RIGHT TURN LANE	183.0	4' @ 40'	1	18.3	6.1		
STA. 225+03.00 TO STA. 226+31.00	LEFT TURN LANE SKIP	128.0	4' @ 40'	1	12.8	4.3		
STA. 225+02.00 TO STA. 226+31.00	RIGHT TURN LANE SKIP	129.0	4' @ 40'	1	12.9	4.3		
BRUNS LANE								
WHITE								
STA. 55+20.57 TO STA. 56+76.00	SKIP - DASH (LT&RT)	155.4	4' @ 40'	2	31.09	10.4		
STA. 58+16.0 TO STA. 59+32.7	SKIP - DASH (LT&RT)	116.7	4' @ 40'	2	23.34	7.8		
BRUNS LANE								
WHITE								
STA. 55+20.57 TO STA. 56+76.00	LEFT TURN LANE	155.4	4' @ 40'	1	15.54	5.2		
STA. 58+16.0 TO STA. 59+32.7	LEFT TURN LANE	116.7	4' @ 40'	1	11.67	3.9		
STA. 55+20.57 TO STA. 56+47.00	RIGHT TURN LANE	126.4	4' @ 40'	1	12.64	4.2		
STA. 58+16.00 TO STA. 59+32.68	RIGHT TURN LANE	116.7	4' @ 40'	1	11.67	3.9		
BRUNS LANE								
YELLOW								
STA. 55+20.57 TO STA. 56+76.00	SOLID (CENTER)	155.4	4' @ 40'	2	31.09	10.4		
STA. 58+16.0 TO STA. 59+32.7	SOLID (CENTER)	116.7	4' @ 40'	2	23.34	7.8		
					<b>TOTALS</b>	<b>4199.6</b>	<b>1399.9</b>	

CONCRETE CURB REPAIR	
LOCATION STATION TO STATION	LENGTH (FT)
STA 158+70 TO STA 158+72 RT	2.0
STA 187+40 TO STA 187+50 RT	10.0
STA 188+69 TO STA 188+75 LT	6.0
STA 238+00 TO STA 238+02 LT	2.0
STA 240+76 TO STA 240+78 LT	2.0
STA 247+90 TO STA 247+95 LT	5.0
STA 248+25 TO STA 248+27 LT	2.0
STA 251+16.22 TO STA 25351.11 RT	152.0
STA 254+25 TO STA 254+45 RT	20.0
STA 254+70 TO STA 255+25 RT	55.0
STA 258+12 TO STA 258+14 LT	2.0
<b>TOTAL</b>	<b>258.0</b>

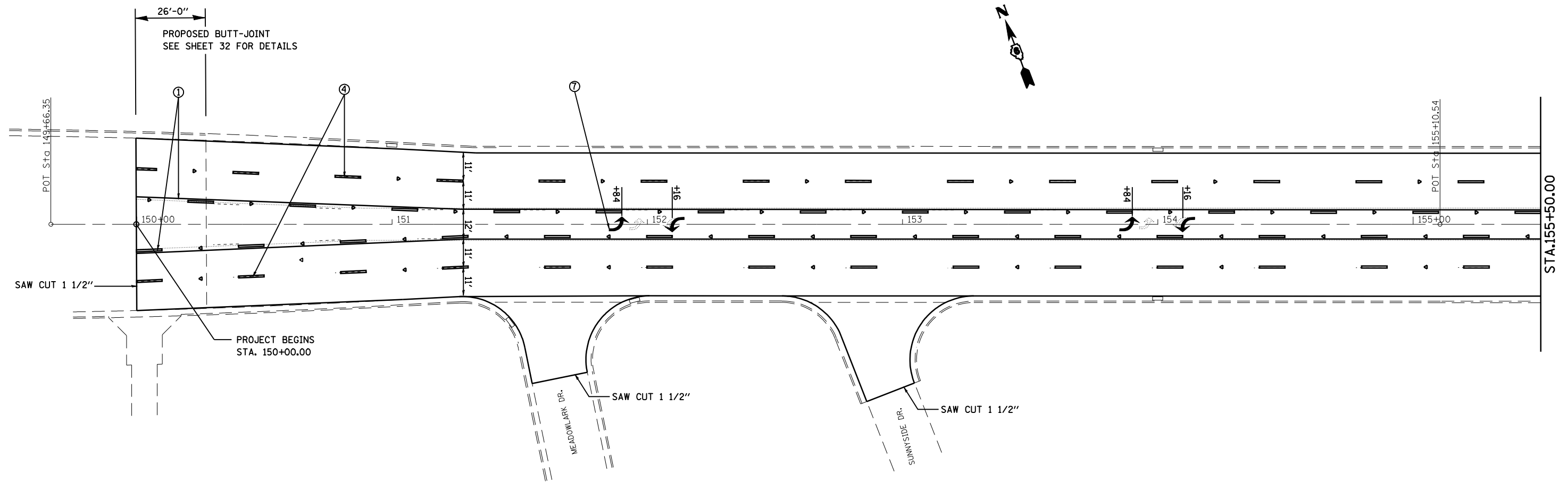
PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"						
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	SPACING	NUMBER OF LINES	LENGTH (FT)	
JEFFERSON						
WHITE						
STA. 150+00.00 TO STA. 165+69.00	SKIP - DASH (LT&RT)	1569.0	10' @ 40'	2	784.50	
STA. 166+97.50 TO STA. 191+93.58	SKIP - DASH (LT&RT)	2496.1	10' @ 40'	2	1248.04	
STA. 195+25.56 TO STA. 202+00.00	SKIP - DASH (LT)	674.4	10' @ 40'	1	168.61	
STA. 202+00.00 TO STA. 207+66.33	SKIP - DASH (LT&RT)	566.3	10' @ 40'	2	283.17	
STA. 209+27.16 TO STA. 222+00.00	SKIP - DASH (LT&RT)	1272.8	10' @ 40'	2	636.42	
STA. 223+00.00 TO STA. 236+30.00	SKIP - DASH (LT&RT)	1330.0	10' @ 40'	2	665.00	
STA. 234+50.00 TO STA. 236+30.00	SKIP - DASH (LT&RT)	180.0	10' @ 40'	1	45.00	
STA. 237+23.00 TO STA. 239+00.00	SKIP - DASH (LT&RT)	177.0	10' @ 40'	3	132.75	
STA. 239+00.00 TO STA. 246+70.00	SKIP - DASH (LT&RT)	770.0	10' @ 40'	4	770.00	
STA. 247+75.00 TO STA. 251+12.00	SKIP - DASH (LT&RT)	337.0	10' @ 40'	4	337.00	
STA. 251+12.00 TO STA. 260+72.70	SKIP - DASH (LT&RT)	960.7	10' @ 40'	2	480.35	
BRUNS LANE						
STA. 55+20.57 TO STA. 56+76.00	SKIP - DASH (LT&RT)	155.4	10' @ 40'	2	77.72	
STA. 58+16.0 TO STA. 59+32.7	SKIP - DASH (LT&RT)	116.7	10' @ 40'	2	58.34	
					TOTAL	5686.9

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"						
LOCATION STATION TO STATION	DESCRIPTION	SPACING	NUMBER OF LANES	LENGTH (FT)		
JEFFERSON						
WHITE						
STA. 163+50.00 TO STA. 165+69.00	RIGHT TURN LANE		1	219.00		
STA. 161+40.00 TO STA. 163+50.00	RIGHT TURN LANE SKIP	2' @ 8'	1	52.50		
STA. 163+75.00 TO STA. 165+67.00	LEFT TURN LANE		1	192.00		
STA. 165+89.00 TO STA. 166+50.00	CROSSWALK		2	127.00		
STA. 166+26.00 TO STA. 166+87.00	CROSSWALK		2	127.00		
STA. 165+53.00 TO STA. 165+77.00	CROSSWALK		2	53.00		
STA. 167+00.00 TO STA. 167+25.00	CROSSWALK		2	55.00		
STA. 165+75.00 TO STA. 165+85.00	CROSSWALK		2	153.00		
STA. 166+87.00 TO STA. 166+97.00	CROSSWALK		2	165.00		
STA. 166+97.50 TO STA. 168+75.00	RIGHT TURN LANE		1	177.50		
STA. 167+04.00 TO STA. 169+29.00	LEFT TURN LANE		1	225.00		
STA. 195+26.00 TO STA. 198+70.00	LEFT TURN LANE		1	344.00		
STA. 198+70.00 TO STA. 202+03.00	LEFT TURN LANE SKIP	2' @ 8'	1	83.25		
STA. 222+30.00 TO STA. 223+00.00	CROSSWALK		2	140.00		
STA. 222+00.00 TO STA. 222+04.00	CROSSWALK		2	80.00		
STA. 222+87.00 TO STA. 222+95.00	CROSSWALK		2	105.00		
STA. 223+00.00 TO STA. 225+03.00	LEFT TURN LANE		1	203.00		
STA. 223+19.00 TO STA. 225+02.00	RIGHT TURN LANE		1	183.00		
STA. 225+03.00 TO STA. 226+31.00	LEFT TURN LANE SKIP	2' @ 8'	1	32.00		
STA. 225+02.00 TO STA. 226+31.00	RIGHT TURN LANE SKIP	2' @ 8'	1	32.25		
STA. 232+09.00 TO STA. 232+15.00	NO PARKING TAPER		1	13.00		
STA. 232+15.00 TO STA. 233+58.00	NO PARKING TAPER		1	143.00		
STA. 232+09.00 TO STA. 233+58.00	NO PARKING TAPER CHEVRON		1	75.00		
STA. 234+11.00 TO STA. 235+08.00	RIGHT TURN LANE		1	97.00		
STA. 236+25.00 TO STA. 236+35.00	CROSSWALK		2	92.00		
STA. 236+55.00 TO STA. 237+20.00	CROSSWALK		2	130.00		
STA. 237+00.00 TO STA. 237+20.00	CROSSWALK		2	140.00		
STA. 237+20.00 TO STA. 238+72.00	RIGHT TURN LANE		1	152.00		
STA. 237+31.00 TO STA. 239+06.00	LEFT TURN LANE		1	175.00		
STA. 246+75.00 TO STA. 246+75.00	CROSSWALK		2	130.00		
STA. 247+60.00 TO STA. 247+72.00	CROSSWALK		2	112.00		
STA. 253+15.00 TO STA. 255+15.00	PARKING LIMIT		1	40.00		
STA. 255+15.00 TO STA. 255+37.00	PARKING TAPER		1	50.00		
STA. 256+75.00 TO STA. 256+95.00	PARKING TAPER		1	50.00		
STA. 256+95.00 TO STA. 260+52.00	PARKING LIMIT		1	80.00		
STA. 260+52.00 TO STA. 260+36.00	PARKING TAPER		1	40.00		
BLUE						
STA. 258+00.00 TO STA. 258+20.00	HANDICAP PARKING		1	36.00		
BRUNS LANE						
WHITE						
STA. 55+20.57 TO STA. 56+76.00	LEFT TURN LANE		1	155.43		
STA. 58+16.0 TO STA. 59+32.7	LEFT TURN LANE		1	116.68		
STA. 55+20.57 TO STA. 56+47.00	RIGHT TURN LANE		1	126.43		
STA. 58+16.00 TO STA. 59+32.68	RIGHT TURN LANE		1	116.68		
					TOTAL	4818.7

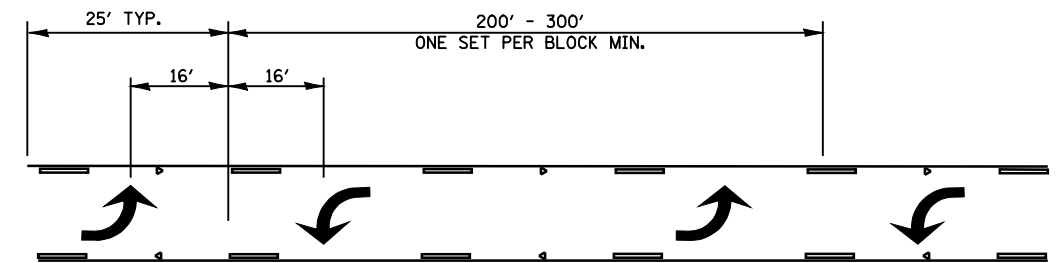
RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE					
LOCATION STATION TO STATION	ONE-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)	TWO-WAY AMBER (EACH)	REMOVAL (EACH)	
JEFFERSON					
STA. 150+00.00 TO STA. 165+69.00	68	50	10	128	
STA. 166+97.50 TO STA. 191+93.58	110	75	14	199	
STA. 195+25.56 TO STA. 202+00.00		18		18	
STA. 202+00.00 TO STA. 207+66.33		16		16	
STA. 209+27.16 TO STA. 222+00.00		32		32	
STA. 223+00.00 TO STA. 236+30.00		43		43	
STA. 234+50.00 TO STA. 236+30.00		8		8	
STA. 237+23.00 TO STA. 239+00.00		18		18	
STA. 239+00.00 TO STA. 246+70.00		36		36	
STA. 247+75.00 TO STA. 260+72.70		44		44	
BRUNS LANE					
STA. 55+20.57 TO STA. 56+76.00		10	8	18	
STA. 58+16.00 TO STA. 59+32.68		8	6	14	
SUB TOTAL		178	358	38	574
TOTALS		574		574	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS  
SEE DETAIL A ON SHEET 13



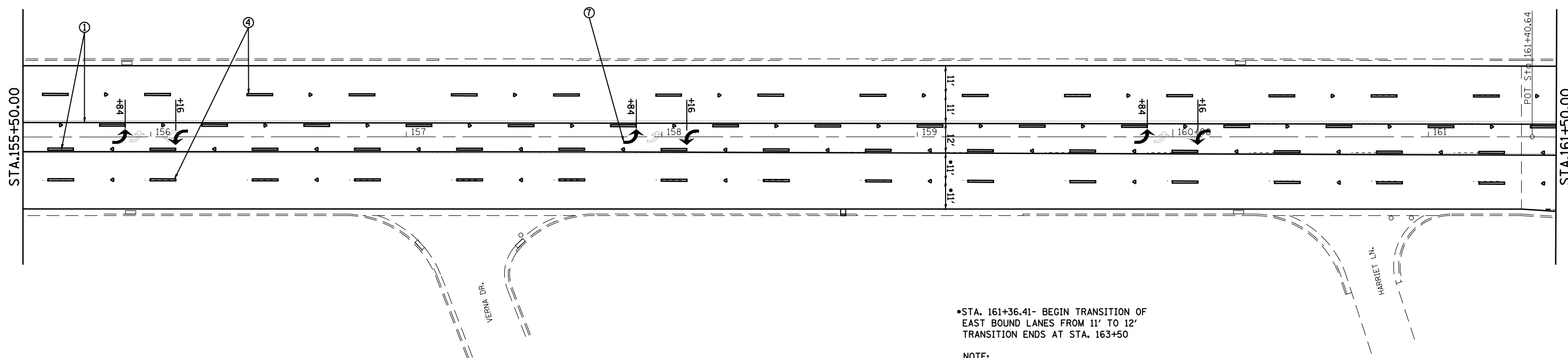
### DETAIL A



FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\CADD\72C40 (D9601709)\D672C40\CADD\	CAD\sheeta\D672C40-sht-plan.dgn	DRAWN -	REVISED -			67	(SIRS-5)(107Z)RS-8	Sangamon	41	13	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT		
	PLOT DATE = Jan-15-2009 05:36:55PM	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS  
SEE DETAIL A ON SHEET 13



\*STA. 161+36.41- BEGIN TRANSITION OF EAST BOUND LANES FROM 11' TO 12'  
TRANSITION ENDS AT STA. 163+50

NOTE:  
START 6" SKIP-DASH (6'-2' DASH)  
FROM STA. 161+34.41, 28' RT TO  
STA. 163+50, 30' RT

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

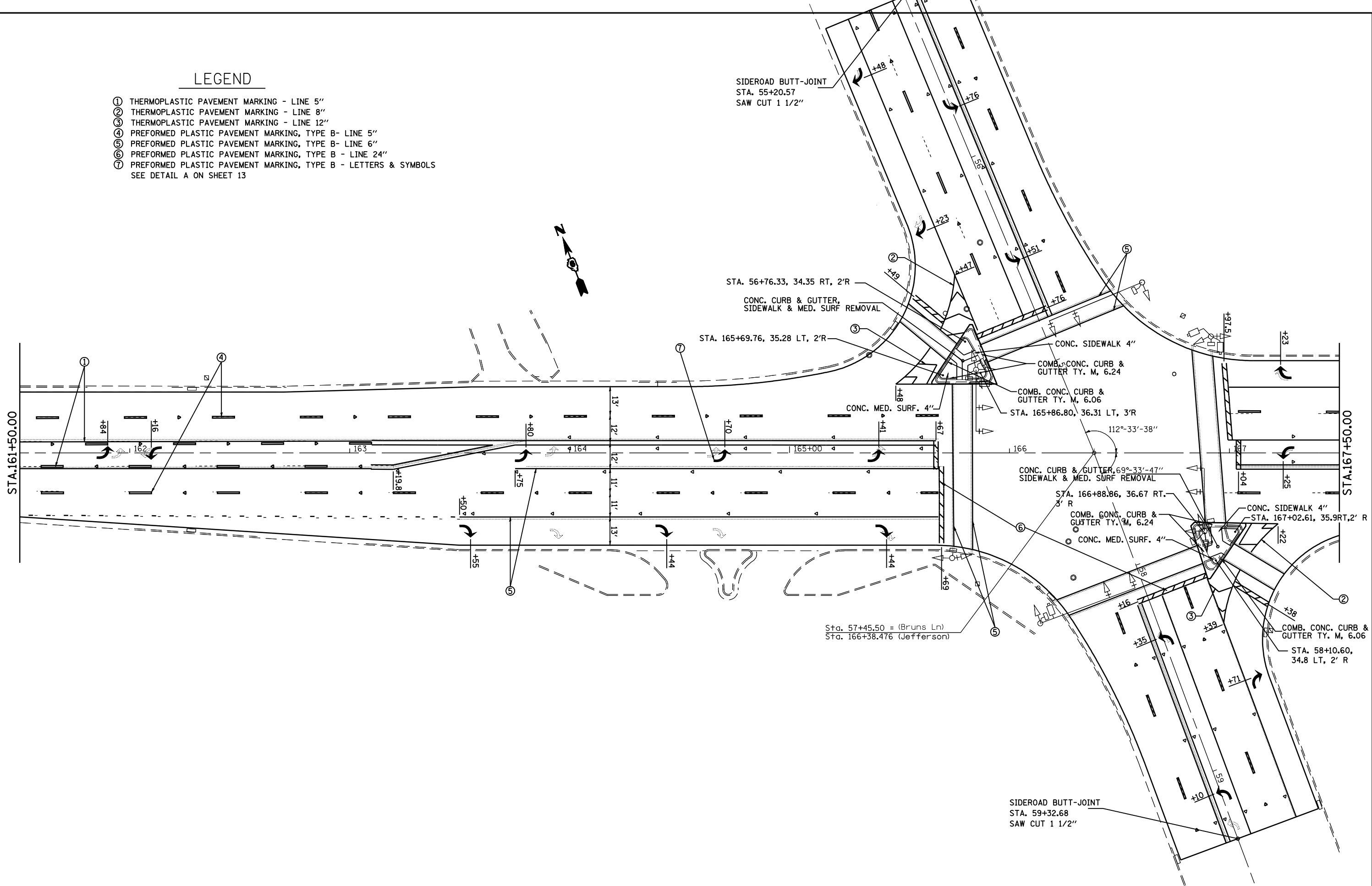
PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	14
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

**LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
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- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS  
SEE DETAIL A ON SHEET 13



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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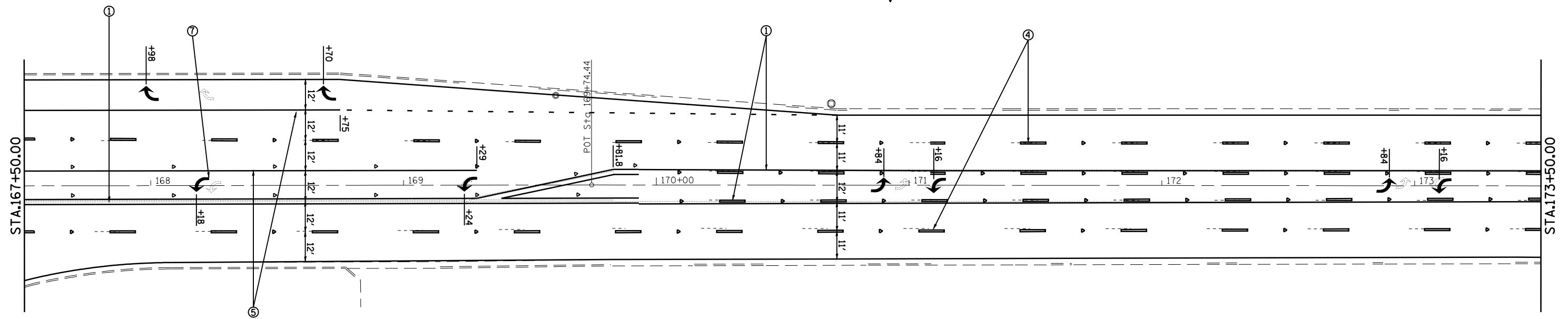
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	15
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
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- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS  
SEE DETAIL A ON SHEET 13



\*STA. 168+74.79- BEGIN TRANSITION OF WEST BOUND LANES FROM 12' TO 11'  
TRANSITION ENDS AT STA. 170+71.48

EAST BOUND LANE VARIES FROM 12'-0"  
AT STA. 169+55 TO 11'-0" AT STA. 170+25

NOTE:  
START 6" SKIP-DASH (6'-2' DASH)  
FROM STA. 168+75, 30' LT TO  
STA. 170+71.48, 28' LT

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

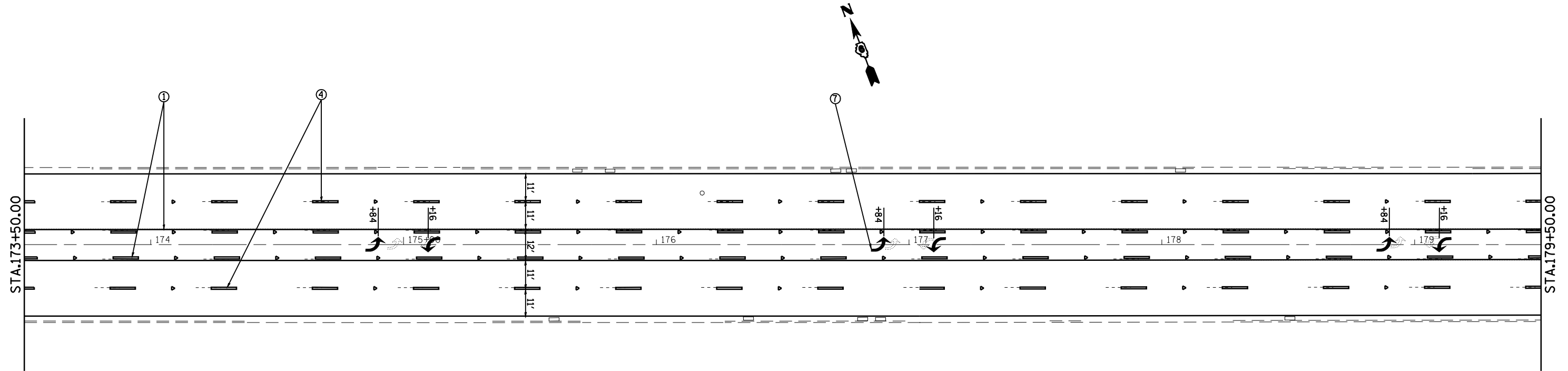
<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	16
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	



## LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
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- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS  
SEE DETAIL A ON SHEET 13



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

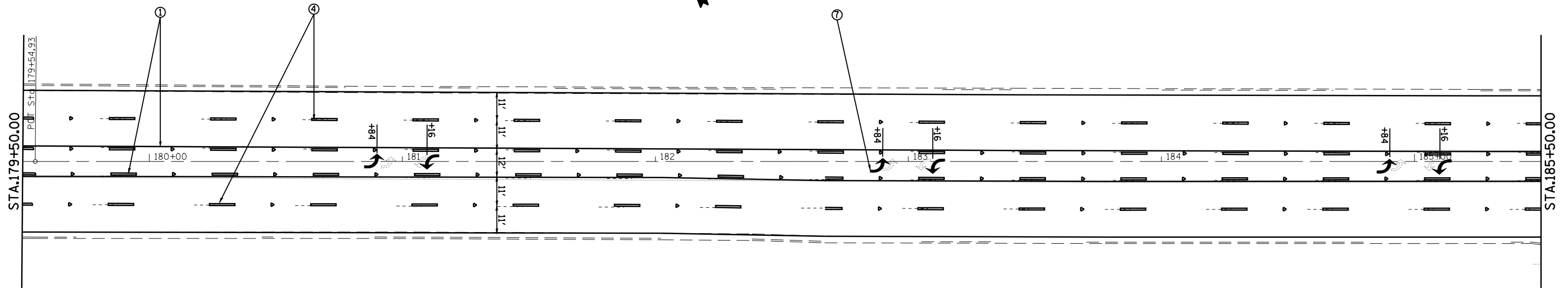
**PLAN**

SCALE:      SHEET NO.    OF    SHEETS    STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	17
CONTRACT NO. 72C40				
ILLINOIS FED. AID PROJECT				

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
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SEE DETAIL A ON SHEET 13



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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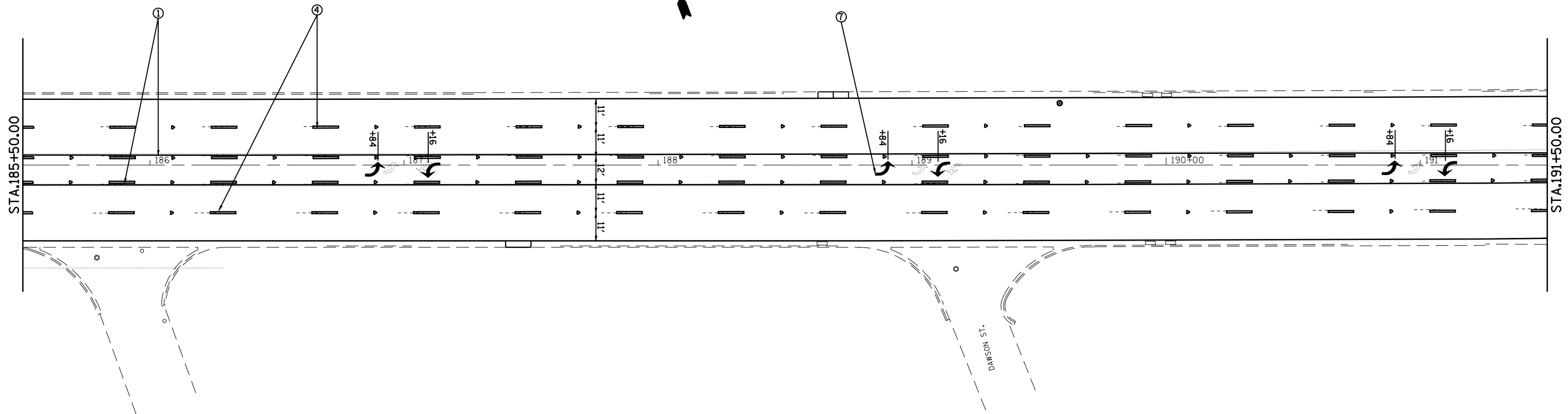
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107Z)RS-8	Sangamon	41	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
  - ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
  - ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
  - ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
  - ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS
- SEE DETAIL A ON SHEET 13



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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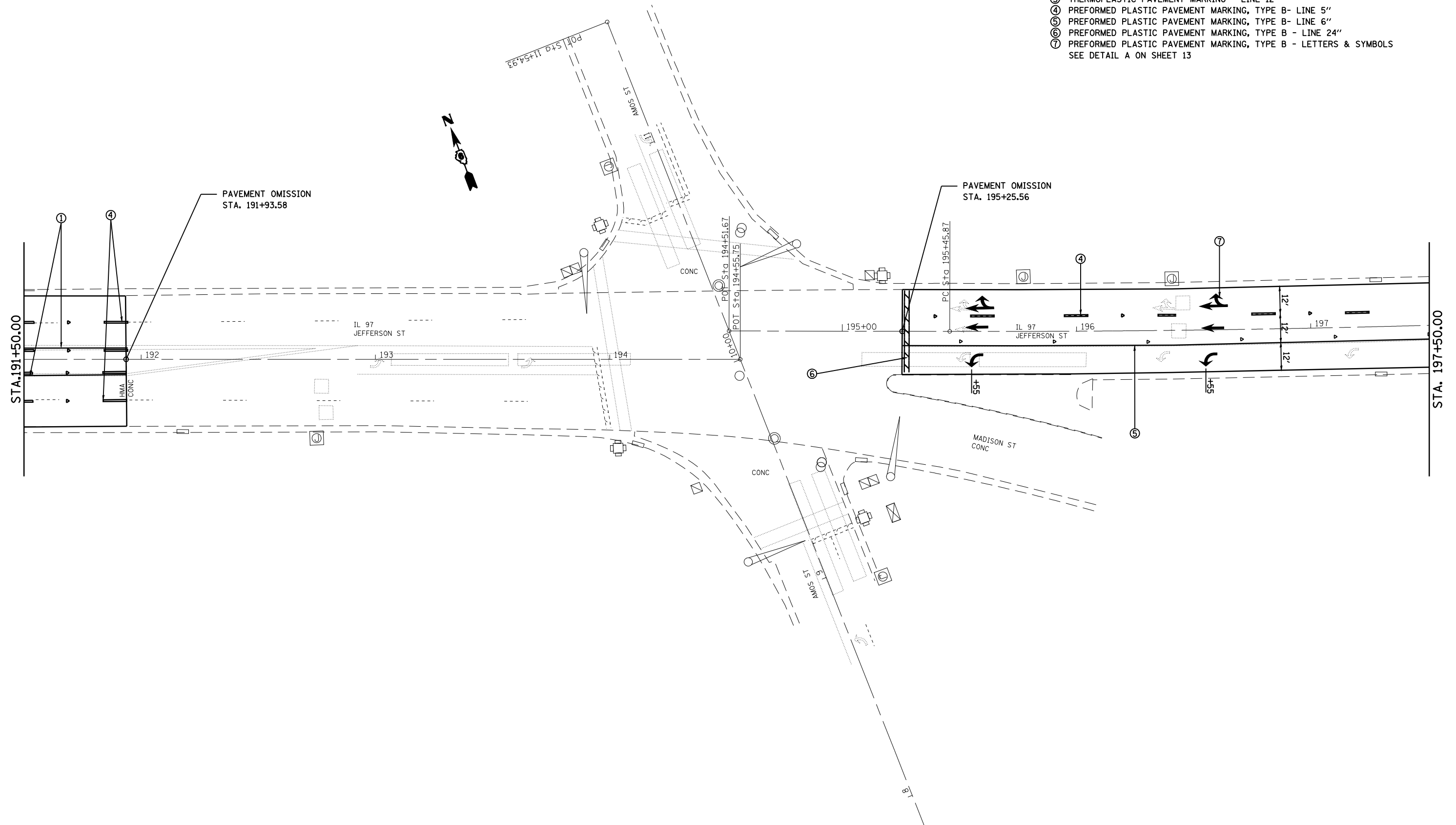
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	19
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
  - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
  - ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
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  - ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS
- SEE DETAIL A ON SHEET 13

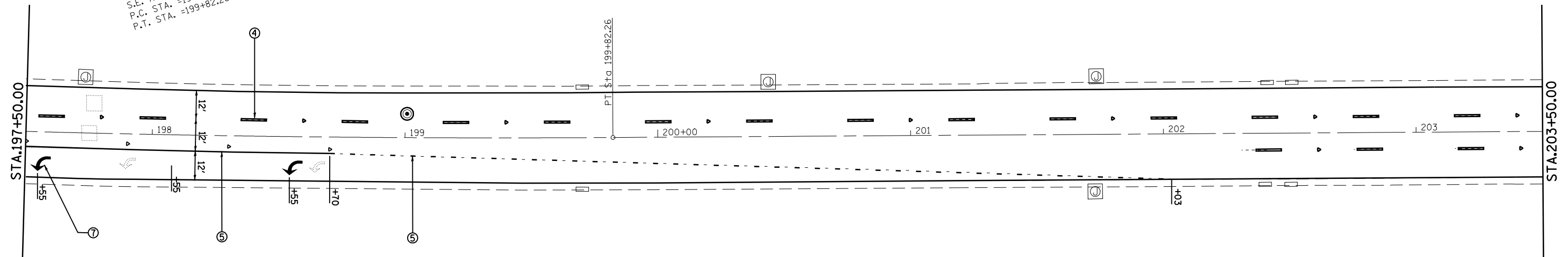


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### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
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- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS

EXIST. CURVE C14  
 PI STA. =197+64.14  
 $\Delta = 3^\circ 38' 12''$  (LT)  
 $D = 0^\circ 50' 00''$   
 $R = 6,875.39'$   
 $T = 218.27'$   
 $L = 436.39'$   
 $E = 3.46'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 195+45.87$   
 $P.T. STA. = 199+82.26$



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

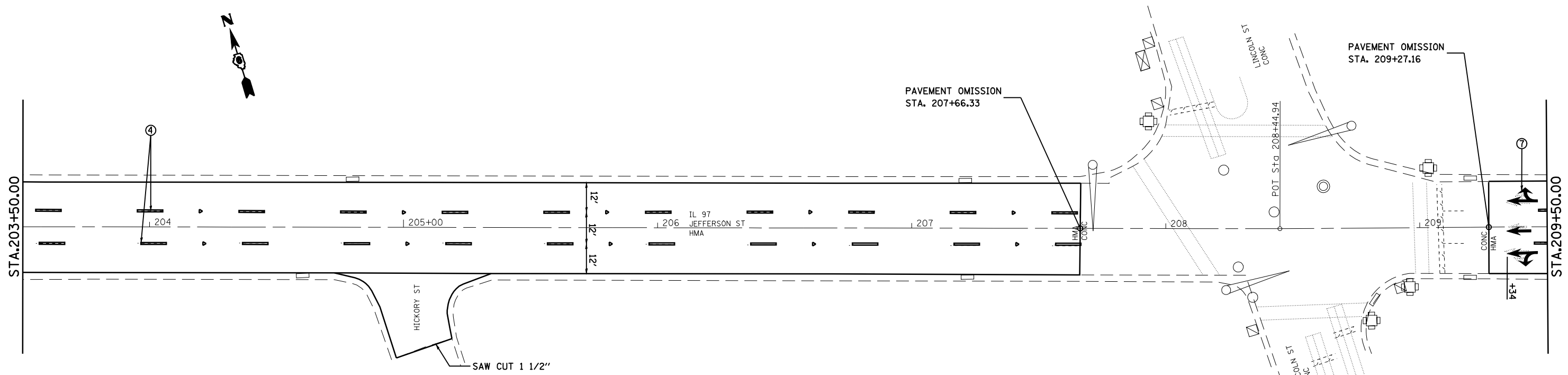
**PLAN**

SCALE:      SHEET NO.    OF    SHEETS    STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107Z)RS-8	Sangamon	41	21
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
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- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

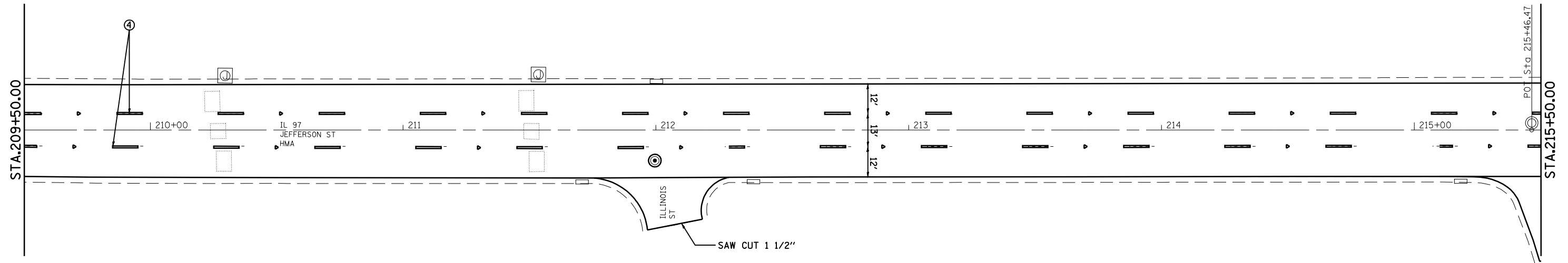
PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	22
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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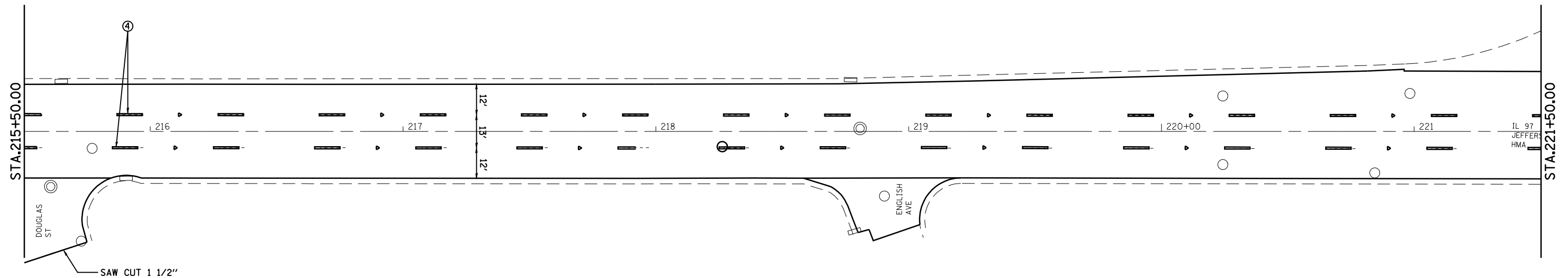
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(I)7Z)RS-8	Sangamon	41	23
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS

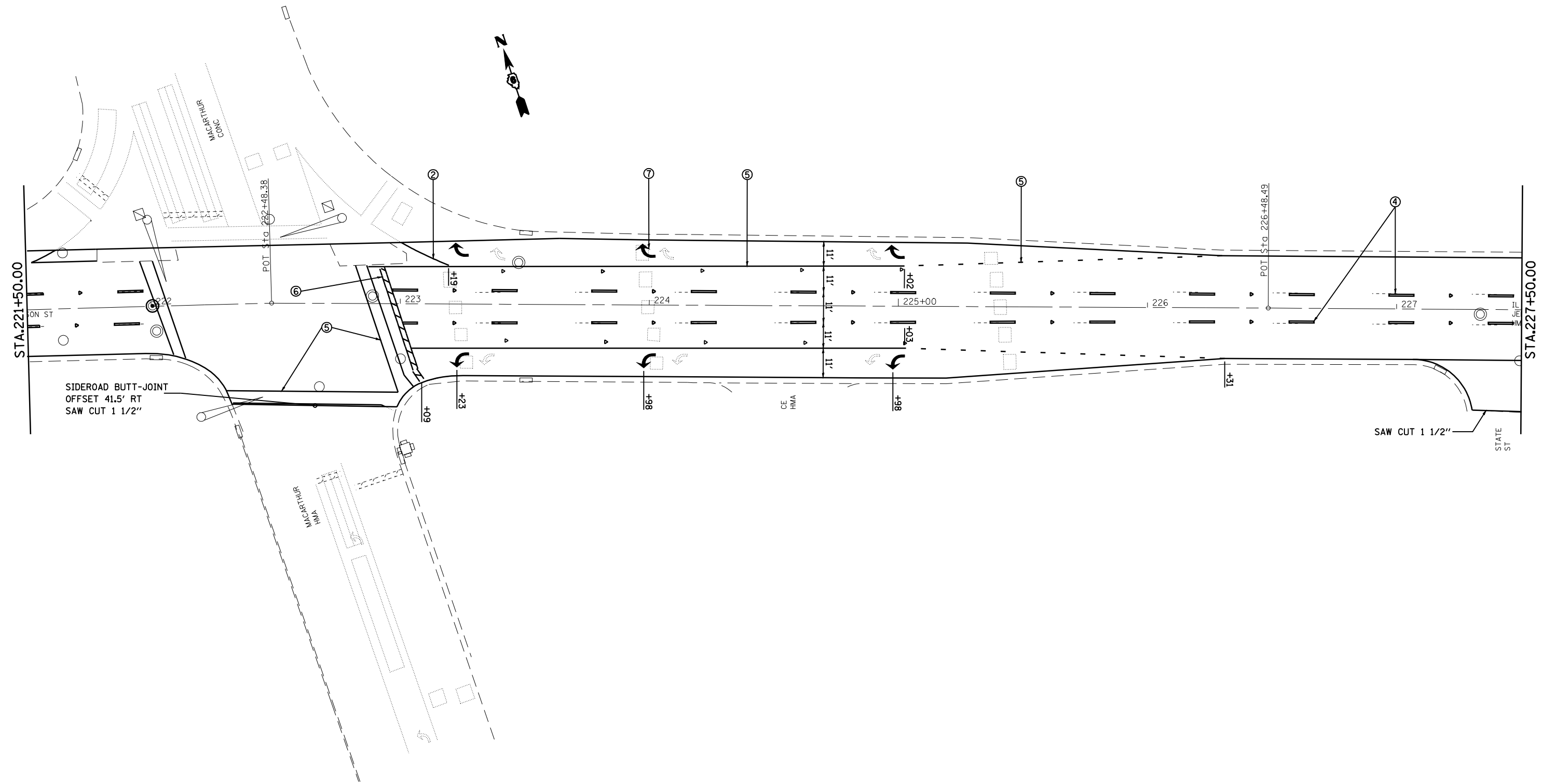


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\CADD\72C40 (D9601709)\D672C40\CADD\	CAD\sheets\D672C40-sht-plan.dgn	DRAWN -	REVISED -			67	(SIRS-5)(107Z)RS-8	Sangamon	41	24	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT		
	PLOT DATE = Jan-20-2009 11:16:29AM	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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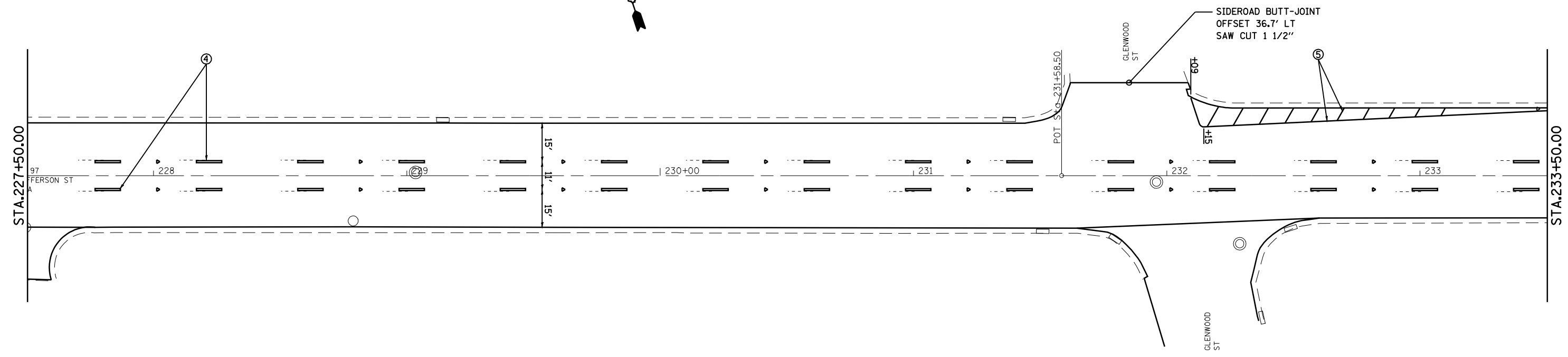
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	25
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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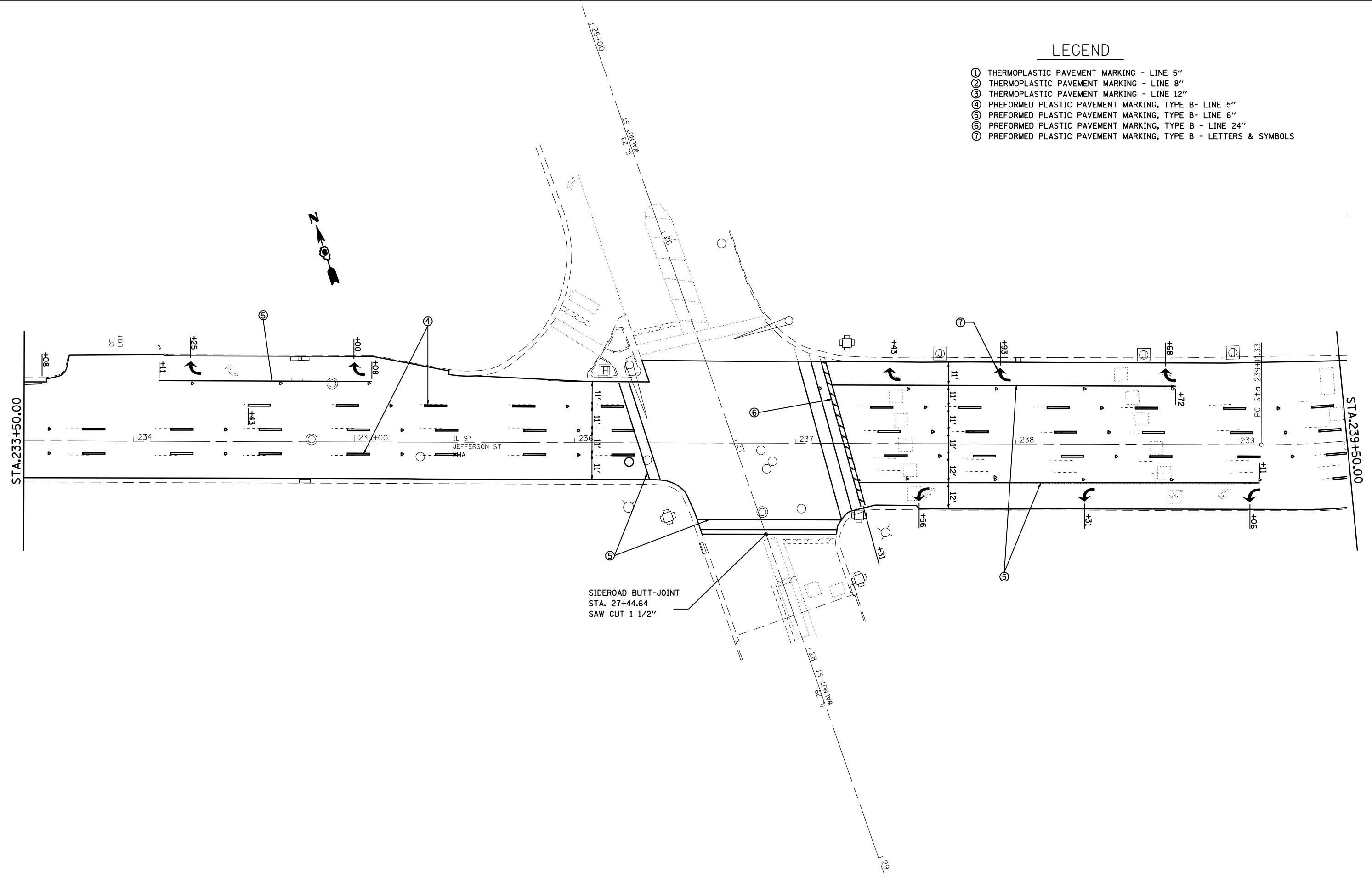
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SRS-5)(107Z)RS-8	Sangamon	41	26
CONTRACT NO.			72C40	
ILLINOIS FED. AID PROJECT				

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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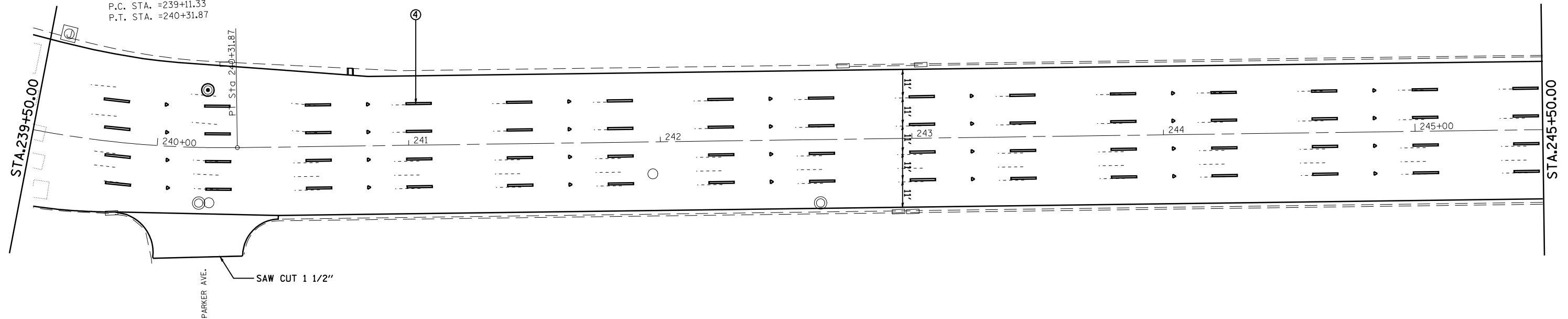
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107Z)RS-8	Sangamon	41	27
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

## LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS

EXIST. CURVEC1  
 PI STA. =239+72.06  
 $\Delta = 17^\circ 13' 24''$  (LT)  
 $D = 14^\circ 17' 19''$   
 $R = 400.99'$   
 $T = 60.73'$   
 $L = 120.54'$   
 $E = 4.57'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 P.C. STA. =239+11.33  
 P.T. STA. =240+31.87



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

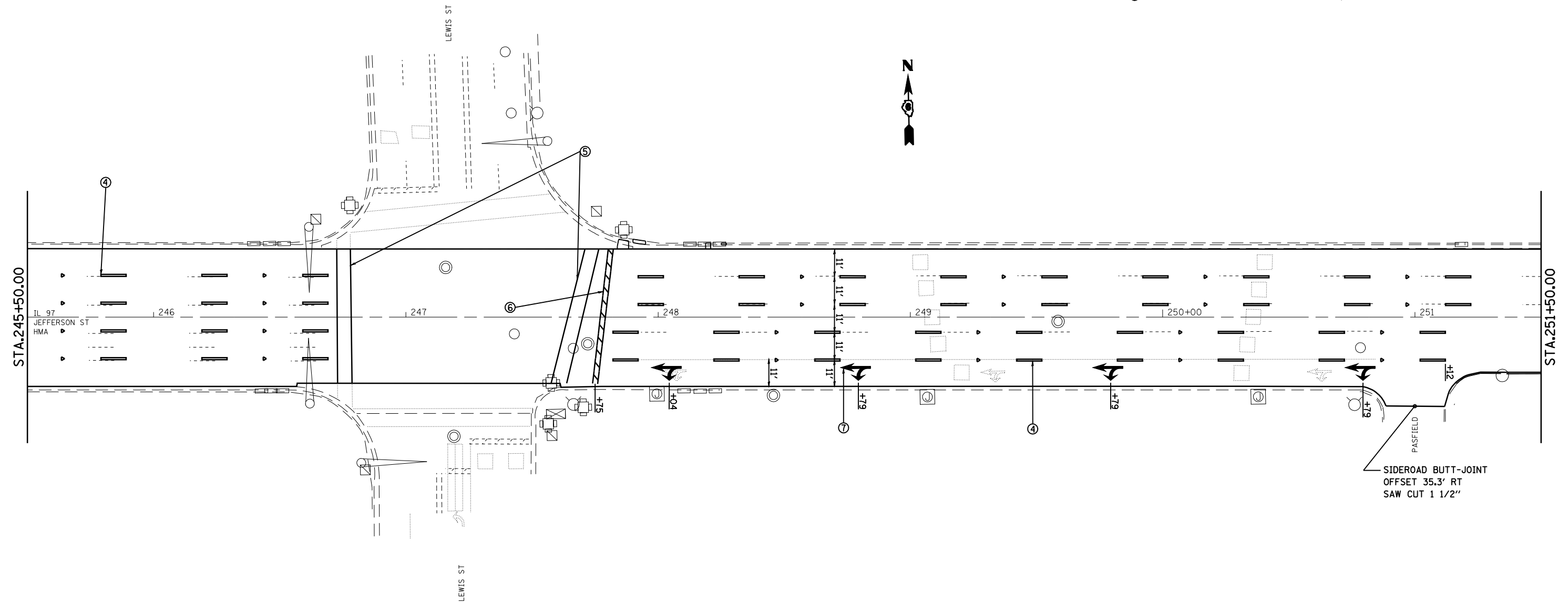
**PLAN**

SCALE:      SHEET NO.    OF    SHEETS    STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107Z)RS-8	Sangamon	41	28
CONTRACT NO.			72C40	
ILLINOIS FED. AID PROJECT				

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

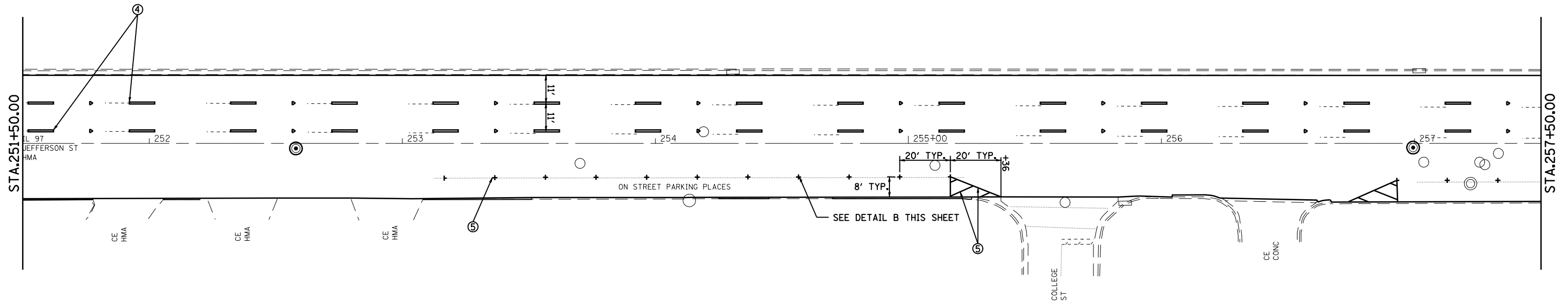
PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

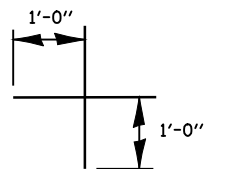
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5p(107Z)RS-8	Sangamon	41	29
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
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- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 6"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS



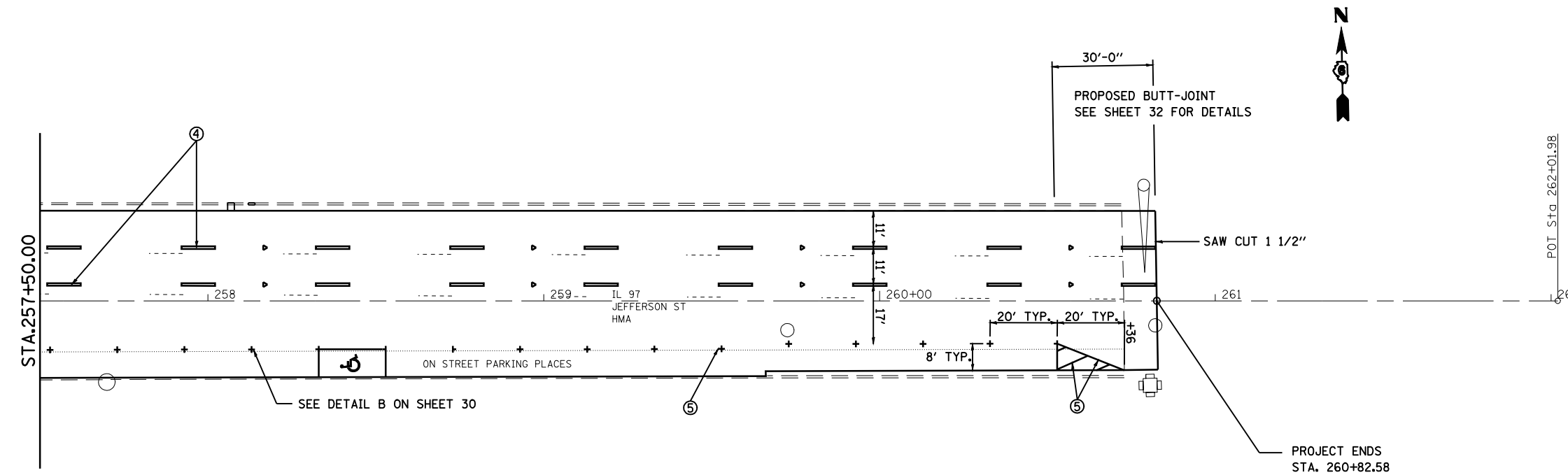
### DETAIL B



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CADD\72C40 (D9601709)\D672C40\CADD	ets\CAD\sheets\D672C40-sht-plan.dgn	DRAWN -	REVISED -		67	(SIRS-5)(107Z)RS-8	Sangamon	41	30				
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		SCALE:      SHEET NO.    OF    SHEETS    STA.            TO STA.				CONTRACT NO. 72C40				
	PLOT DATE = Jan-20-2009 11:17:08AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

### LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
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- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B- LINE 5"
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- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS & SYMBOLS

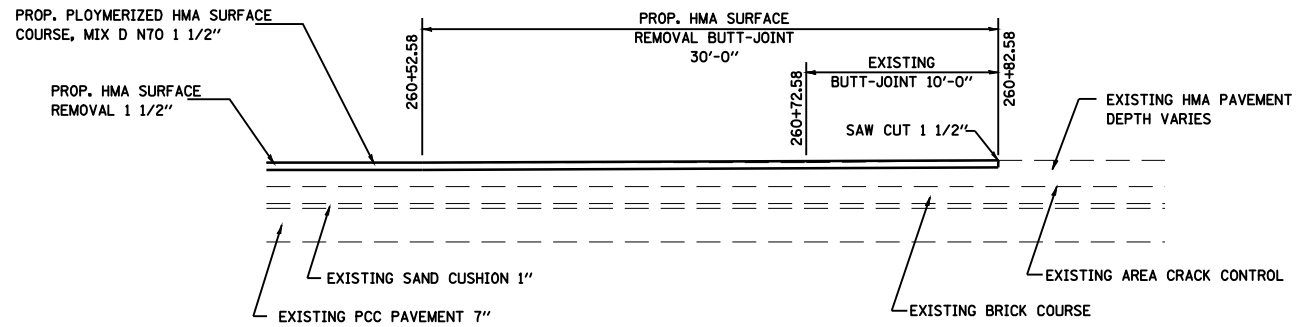


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

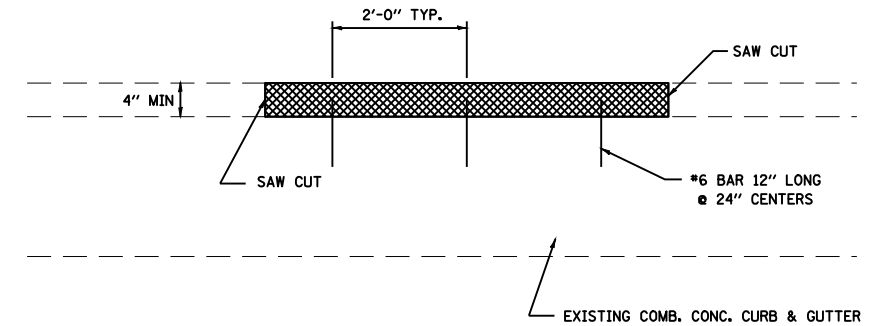
<b>PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	31
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	

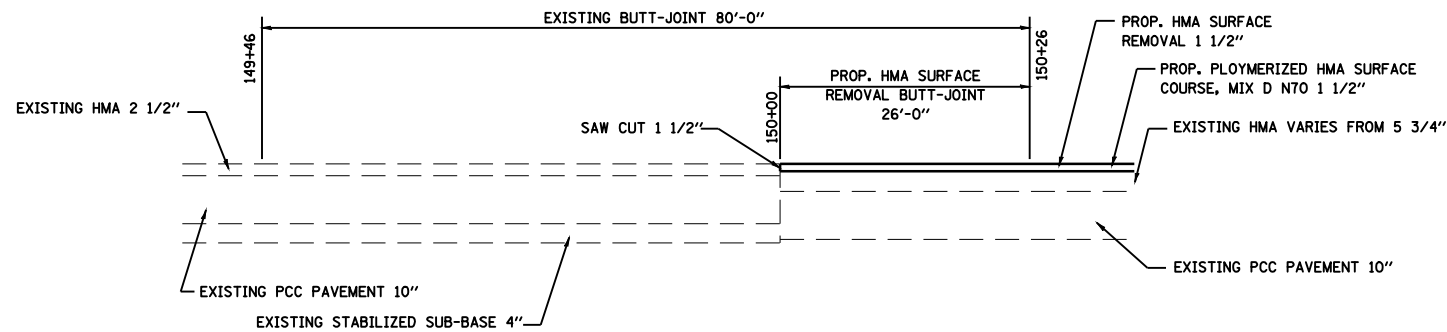


**BUTT-JOINT DETAIL**

STA. 260+52.70 TO 260+82.70

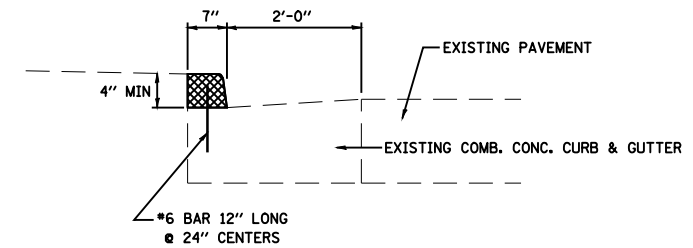


**ELEVATION**



**BUTT-JOINT DETAIL**

STA. 150+00 TO 150+26



**SECTION THRU CURB**

**CURB REPAIR DETAIL**

SEE SCHEDULE FOR LOCATIONS

**NOTES:**

▨ CURB REMOVAL

SEE STANDARD 606001 FOR DETAILS OF COBINATION CURB AND GUTTER NOT SHOWN

NO. 6 BARS SHALL BE INSTALLED AS SPECIFIED IN ARTICLE 420.10(b) OF THE STANDARD SPECIFICATIONS

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

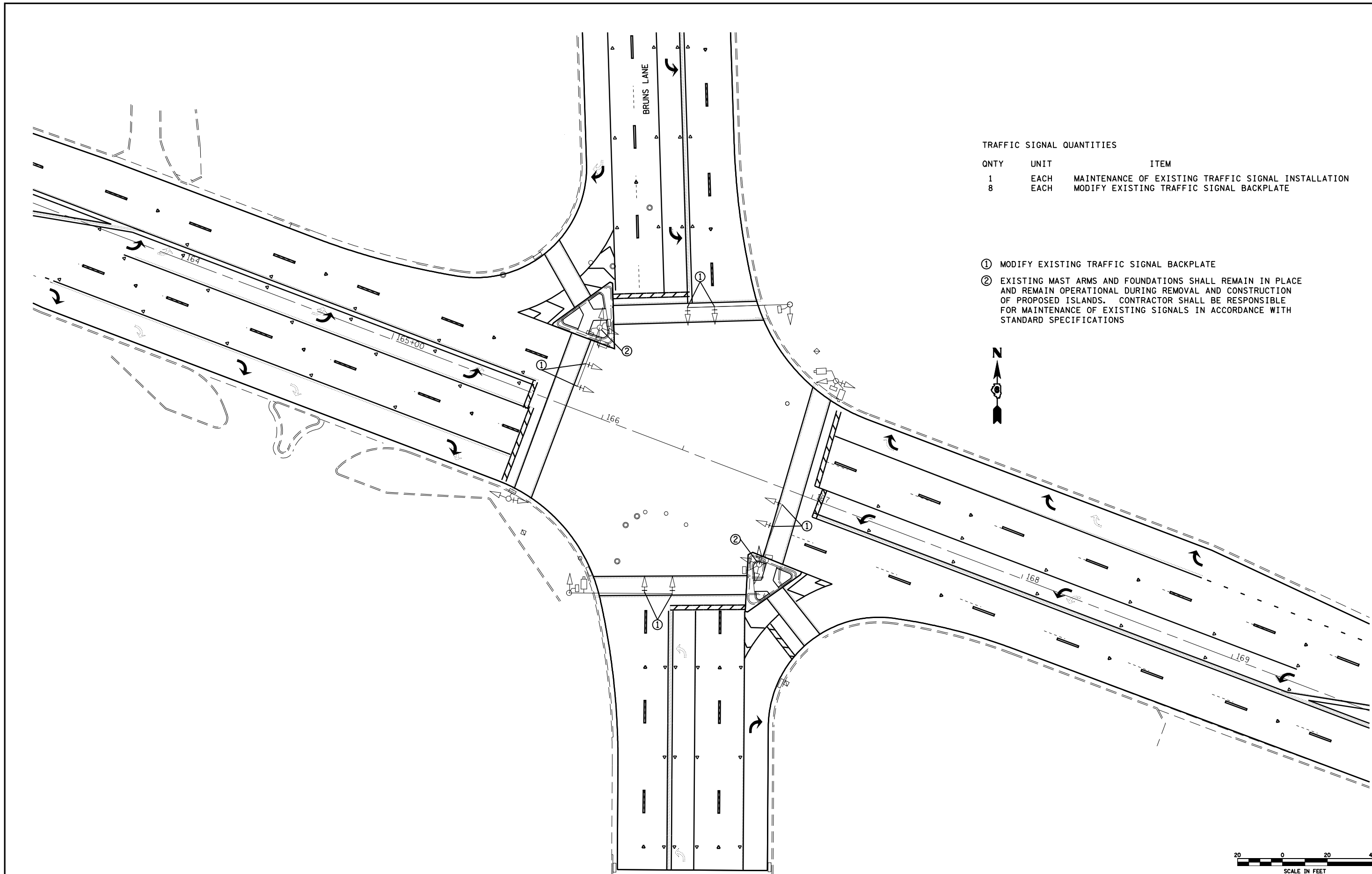
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107Z)RS-8	Sangamon	41	32
CONTRACT NO. 72C40			ILLINOIS FED. AID PROJECT	



TRAFFIC SIGNAL QUANTITIES

QNTY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
8	EACH	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE

- ① MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE
- ② EXISTING MAST ARMS AND FOUNDATIONS SHALL REMAIN IN PLACE AND REMAIN OPERATIONAL DURING REMOVAL AND CONSTRUCTION OF PROPOSED ISLANDS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EXISTING SIGNALS IN ACCORDANCE WITH STANDARD SPECIFICATIONS



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN**

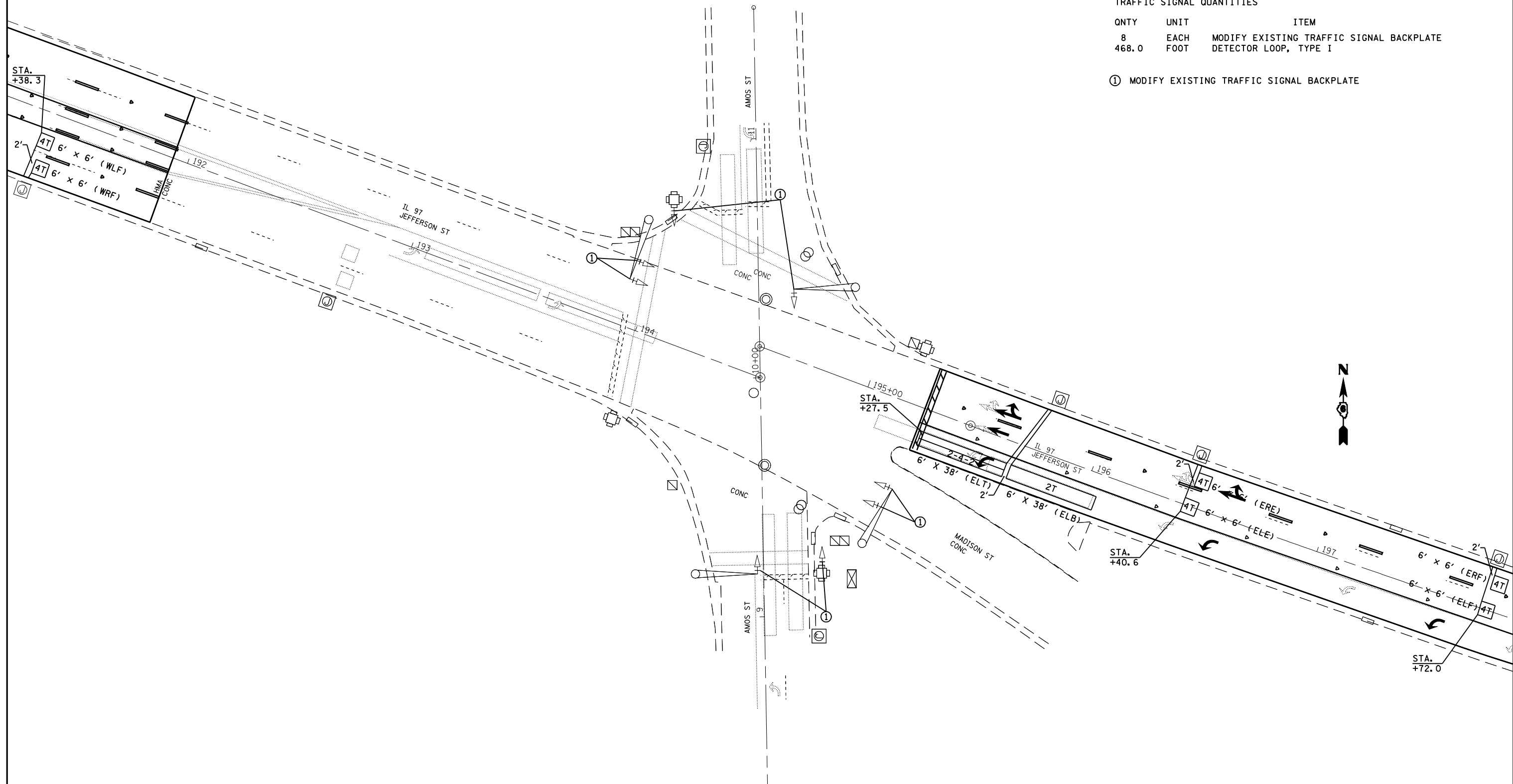
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5p(107Z)RS-8	Sangamon	41	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

TRAFFIC SIGNAL QUANTITIES

QNTY	UNIT	ITEM
8	EACH	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE
468.0	FOOT	DETECTOR LOOP, TYPE I

① MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

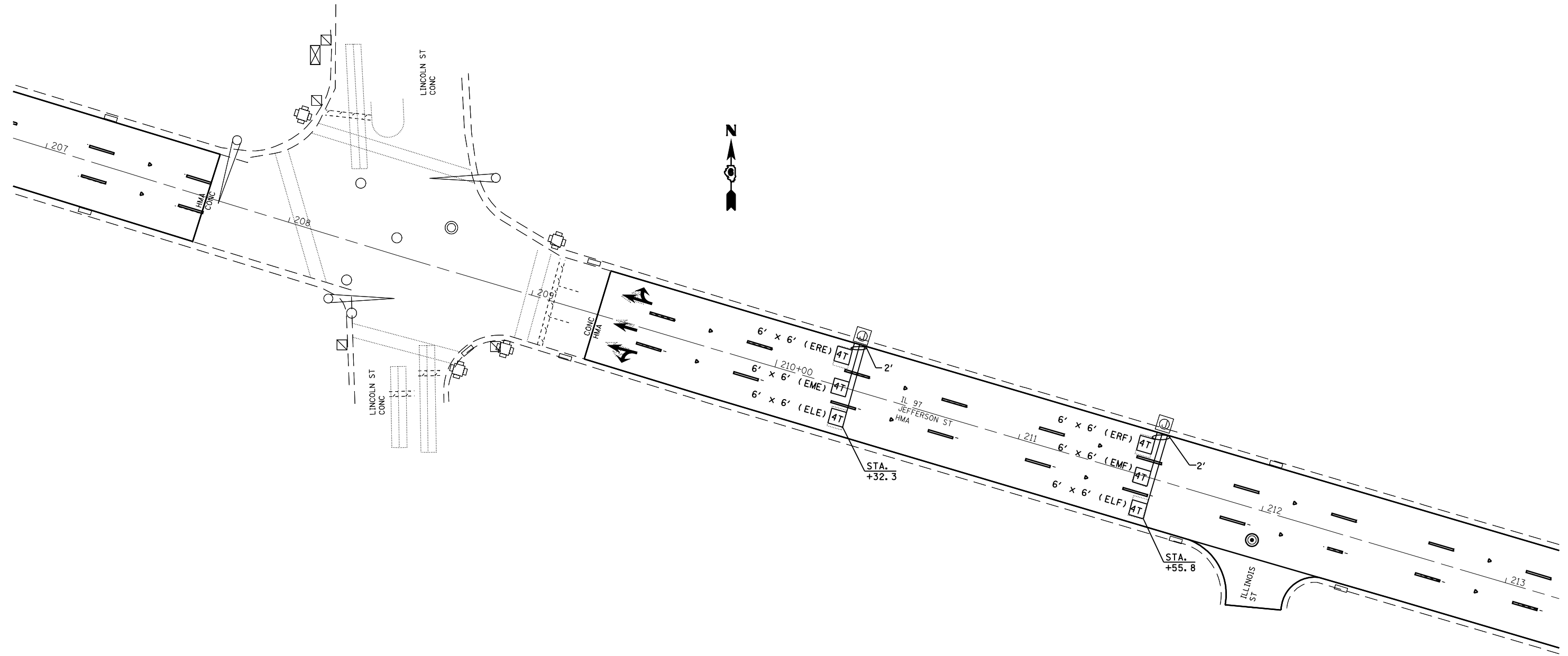
**TRAFFIC SIGNAL PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

TRAFFIC SIGNAL QUANTITIES

QNTY	UNIT	ITEM
234.0	FOOT	DETECTOR LOOP, TYPE I



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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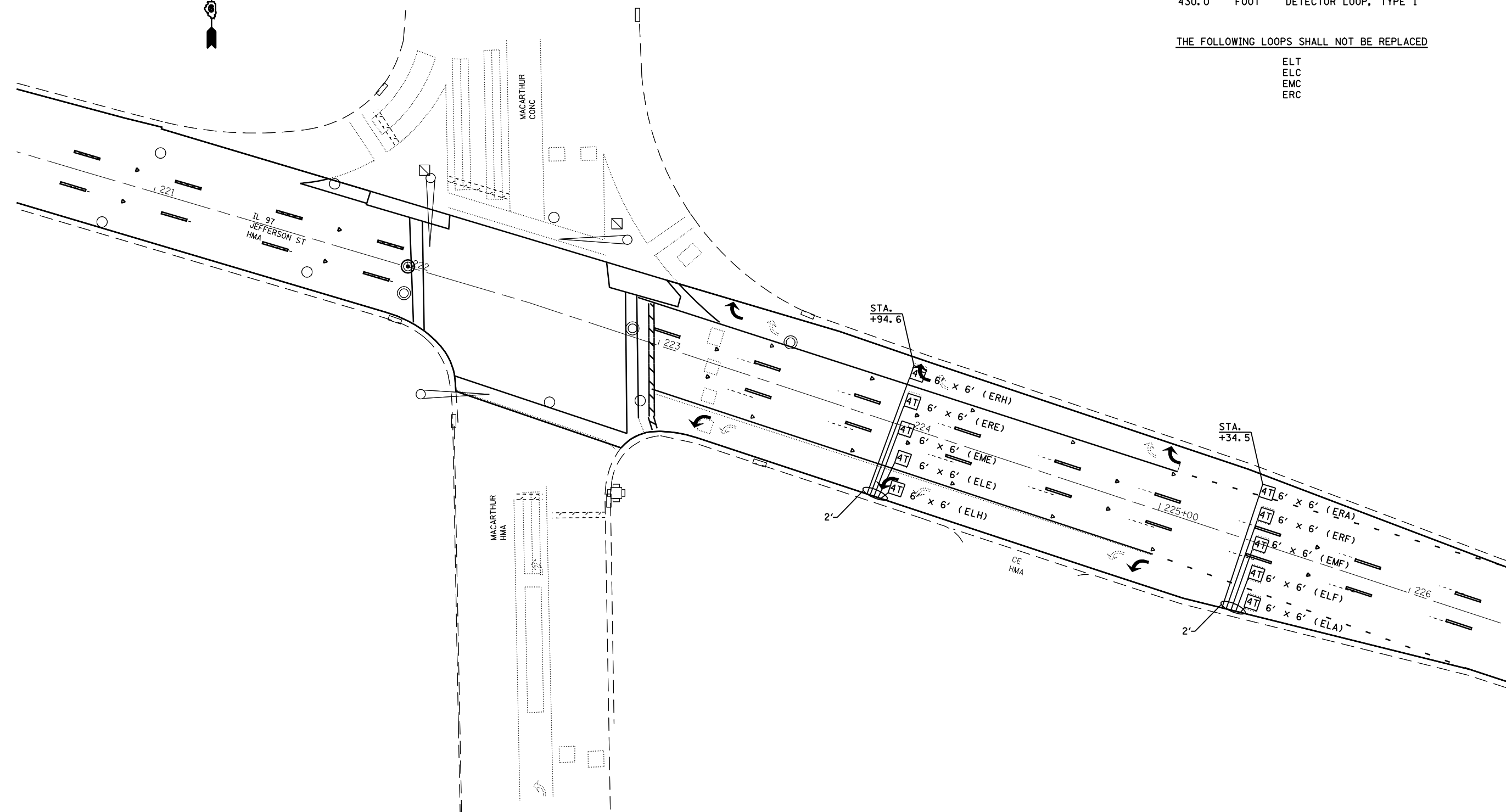
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(I)TZ)RS-8	Sangamon	41	35
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72C40	



TRAFFIC SIGNAL QUANTITIES  
 QNTY UNIT ITEM  
 430.0 FOOT DETECTOR LOOP, TYPE I

THE FOLLOWING LOOPS SHALL NOT BE REPLACED

ELT  
 ELC  
 EMC  
 ERC



FILE NAME =	USER NAME = laughlinr1	DESIGNED - ---	REVISED - ---
S:\CADD\72C40 (D9601709)\D672C40\CADD\ts\	CAD\sheeta\D672C40-sht-TS.dgn	DRAWN - ---	REVISED - ---
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN**

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107)RS-8	Sangamon	41	36
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

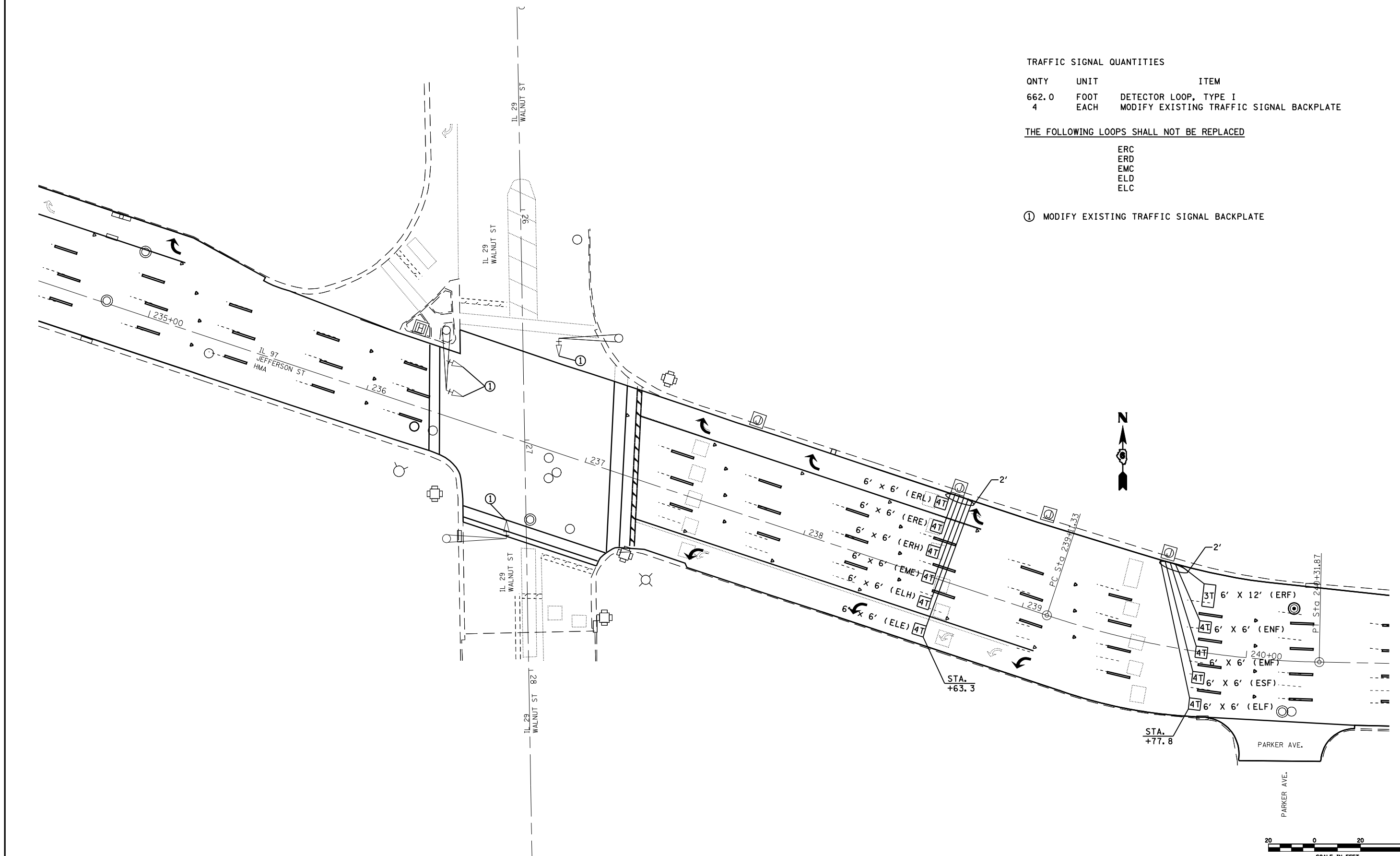
TRAFFIC SIGNAL QUANTITIES

QNTY	UNIT	ITEM
662.0	FOOT	DETECTOR LOOP, TYPE I
4	EACH	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING LOOPS SHALL NOT BE REPLACED

- ERC
- ERD
- EMC
- ELD
- ELC

① MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN

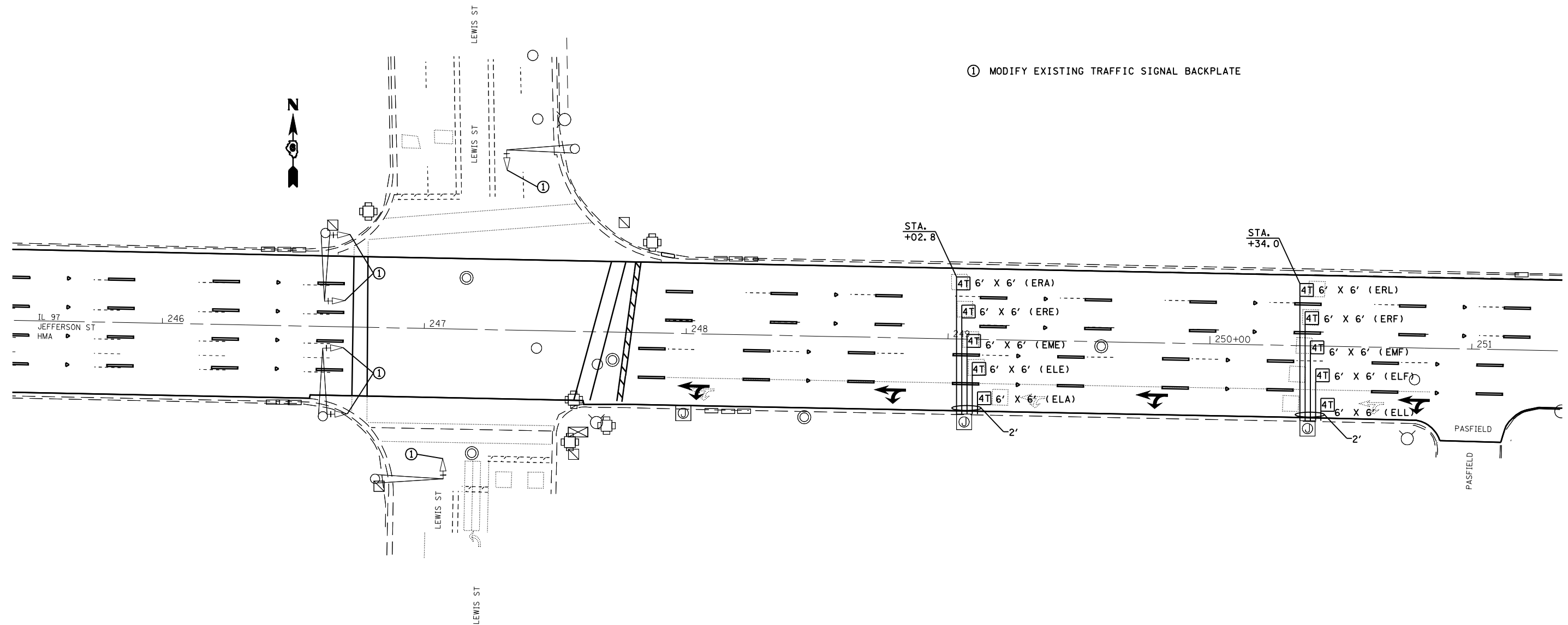
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

TRAFFIC SIGNAL QUANTITIES

QNTY	UNIT	ITEM
510.0	FOOT	DETECTOR LOOP, TYPE I
6	EACH	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE

① MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
S:\CADD\72C40 (D9601709)\D672C40\CADD\	CAD\sheets\D672C40-sht-TS.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Jan-20-2009 11:35:33AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

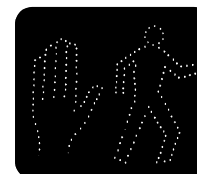
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S)RS-5(107)RS-8	Sangamon	41	38
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

### TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		21 SIDEWALK REMOVAL IN SQ M (SQ FT)
		9 PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		12 PC CONC SDWLK 100 mm SPECIAL IN SQ M ( SQ YD)

### TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm ( 9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN ( TWISTED )
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



FILE NAME =	USER NAME = laughlinr1	DESIGNED - WCD	REVISED -
S:\CADD\72C40 (D9601709)\D672C40\CADD\	CAD\sheeta\D672C40-sht-TS.dgn	DRAWN - CAD	REVISED -
DETLOOP.DGN	PLOT SCALE = 40.0000 ' / IN.	CHECKED - WCD	REVISED -
	PLOT DATE = Jan-20-2009 11:28:03AM	DATE - 12/3/99	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

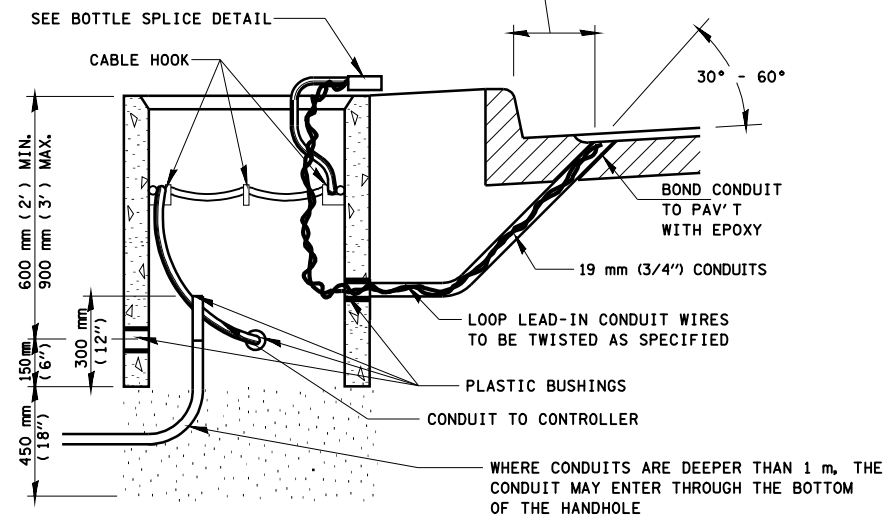
#### LEGEND FOR TRAFFIC SIGNAL DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

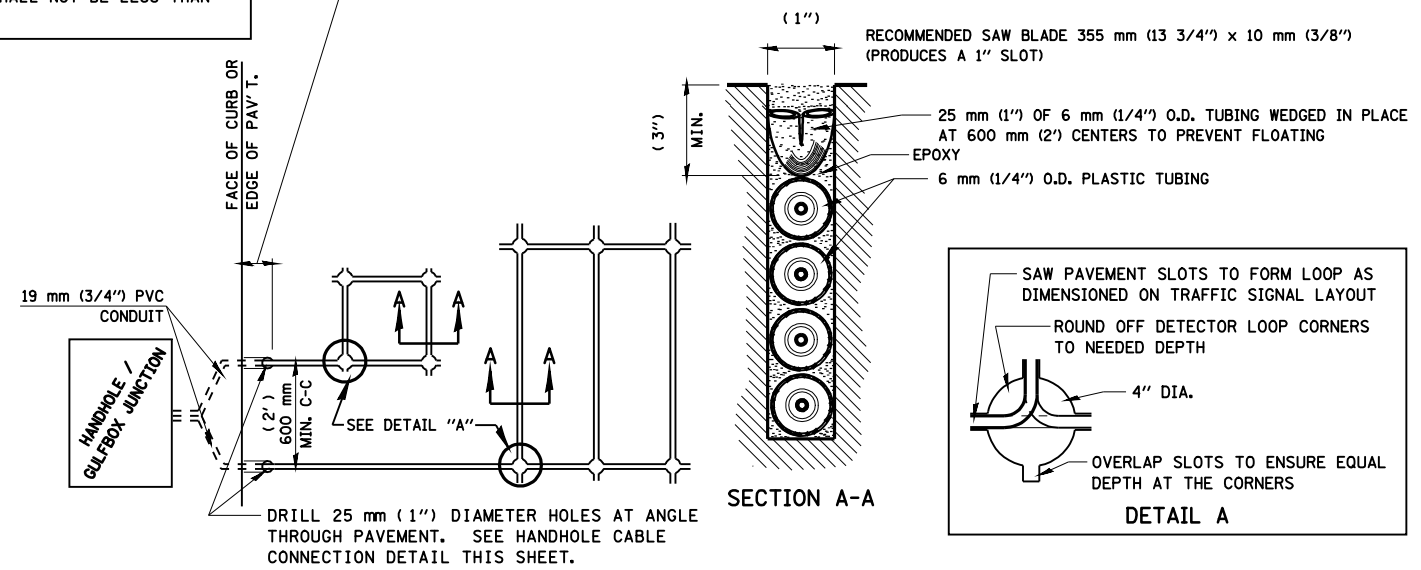
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(SIRS-5)(107Z)RS-8	Sangamon	41	39
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C40	

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE, THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

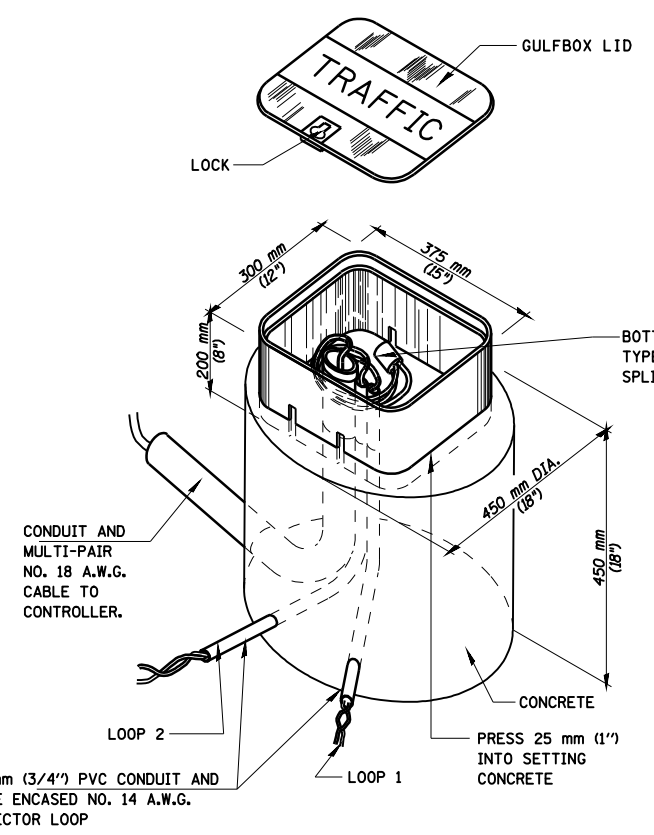
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB.  
IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 150 mm (6").



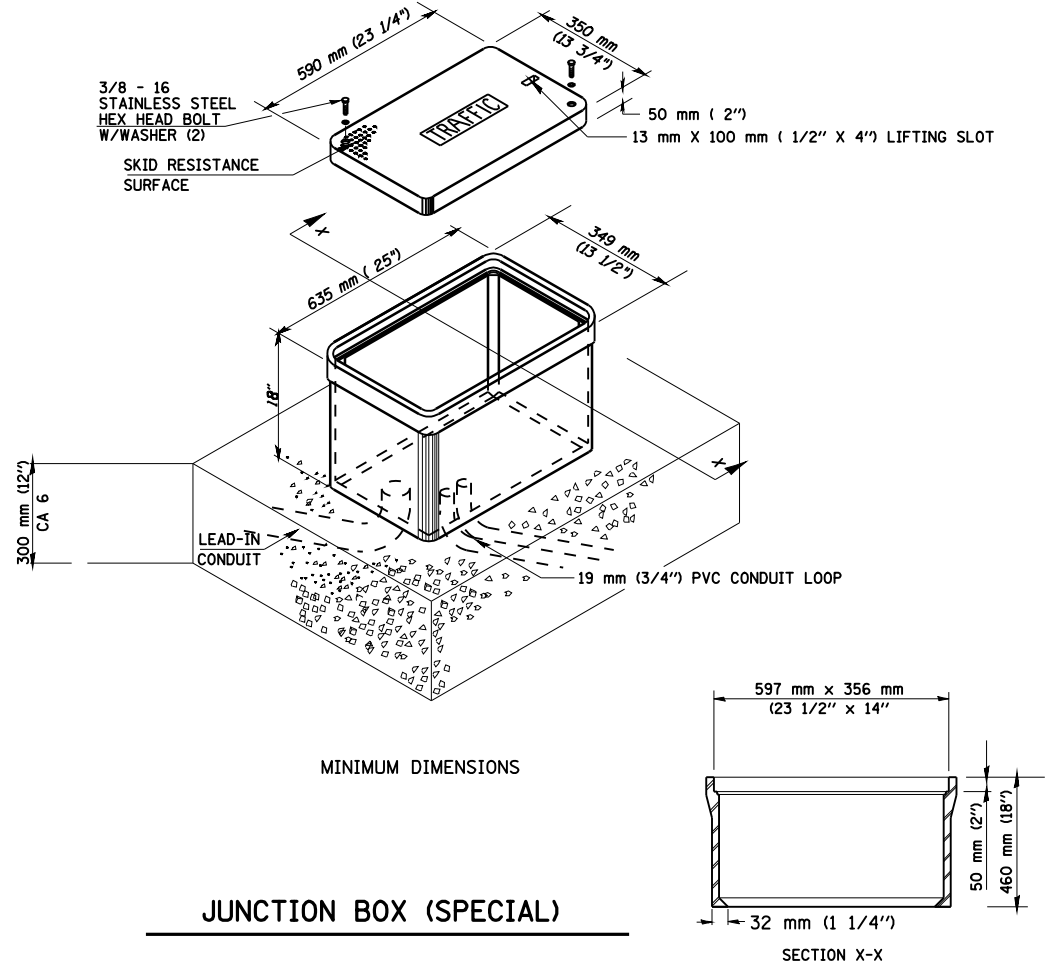
**HANDHOLE CABLE CONNECTIONS**



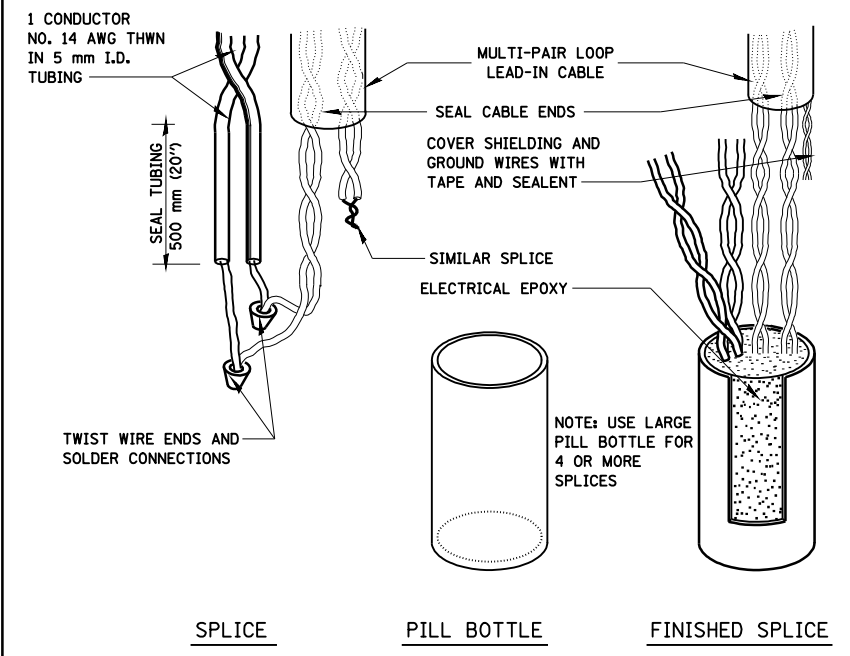
**PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE**



**GULFBOX JUNCTION DETAIL**  
(SHOWING CONNECTION OF TUBE-ENCASED DETECTOR LOOP TO MULTI-PAIR LEAD-IN CABLE)



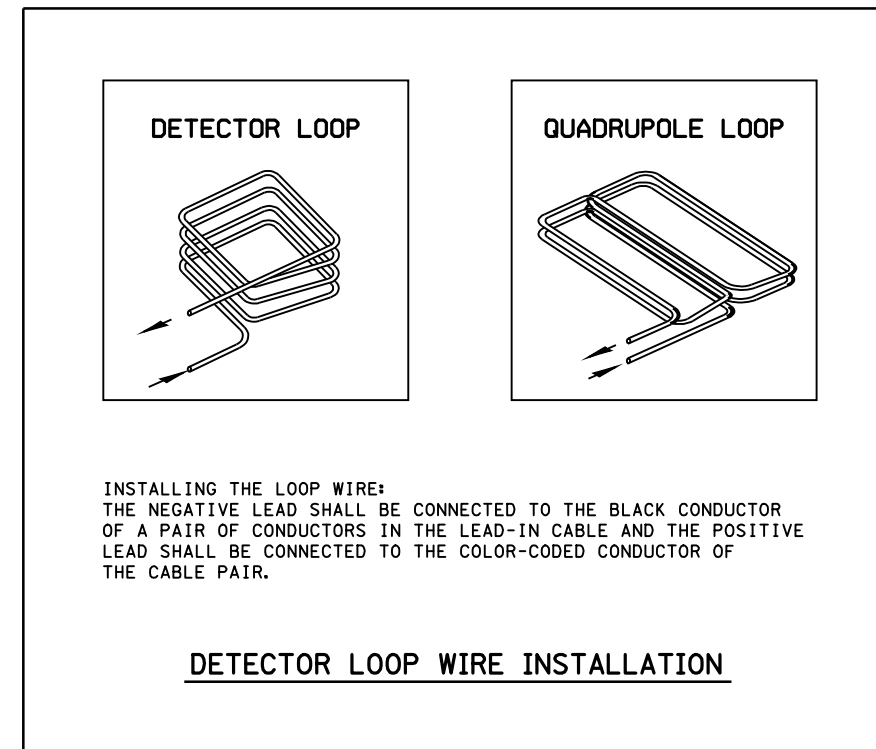
**JUNCTION BOX (SPECIAL)**



**BOTTLE SPLICE DETAIL**



LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
		CALCULATED		METERED		CALCULATED		METERED	
		$\mu\eta$	$\Omega$	$\mu\eta$	$\Omega$	$\mu\eta$	$\Omega$	$\mu\eta$	$\Omega$
JEFFERSON & AMOS									
WLF	4	142	0.36			177	5.60		
WRF	4	139	0.30			174	5.53		
ELF	4	142	0.38			169	4.40		
ERF	4	139	0.31			167	4.33		
ELE	4	142	0.38			164	3.57		
ERE	4	139	0.31			161	3.51		
ELT	2-4-2	330	1.07			345	3.33		
ELB	2	154	0.66			170	2.92		
JEFFERSON & LINCOLN									
ELE	4	144	0.43			169	4.06		
EME	4	142	0.36			166	4.00		
ERE	4	139	0.30			163	3.93		
ELF	4	144	0.43			180	5.79		
EMF	4	142	0.36			178	5.72		
ERF	4	139	0.30			175	5.66		
JEFFERSON & MACARTHUR									
ELH	4	116	0.26			146	4.65		
ELE	4	118	0.31			148	4.70		
EME	4	120	0.36			150	4.75		
ERE	4	123	0.42			152	4.81		
ERH	4	125	0.47			155	4.86		
ELA	4	116	0.26			159	6.57		
ELF	4	118	0.31			161	6.62		
EMF	4	120	0.36			163	6.67		
ERF	4	123	0.42			165	6.73		
ERA	4	125	0.47			167	6.78		
JEFFERSON & WALNUT									
ERL	4	139	0.30			165	4.18		
ERE	4	142	0.36			168	4.24		
ERH	4	144	0.43			170	4.31		
EME	4	147	0.49			173	4.37		
ELH	4	149	0.56			176	4.44		
ELE	4	152	0.62			178	4.50		
ERF	3	129	0.39			163	5.46		
ENF	4	144	0.43			179	5.51		
EMF	4	147	0.49			181	5.57		
ESF	4	149	0.55			183	5.62		
ELF	4	152	0.61			186	5.69		
JEFFERSON & LEWIS									
ERA	4	149	0.56			165	2.87		
ERE	4	147	0.49			162	2.80		
EME	4	144	0.43			160	2.74		
ELE	4	142	0.36			157	2.68		
ELA	4	139	0.30			155	2.61		
ERL	4	149	0.56			177	4.58		
ERF	4	147	0.49			174	4.52		
EMF	4	144	0.43			171	4.45		
ELF	4	142	0.36			169	4.39		
ELL	4	139	0.30			166	4.32		



- DETECTOR NOTES:
1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
  2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
  3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
  4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
  5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.