

FAU RTE 9228/ 9189	SECTION Z-1RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 1
ILLINOIS		CONTRACT NO. 76D75		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

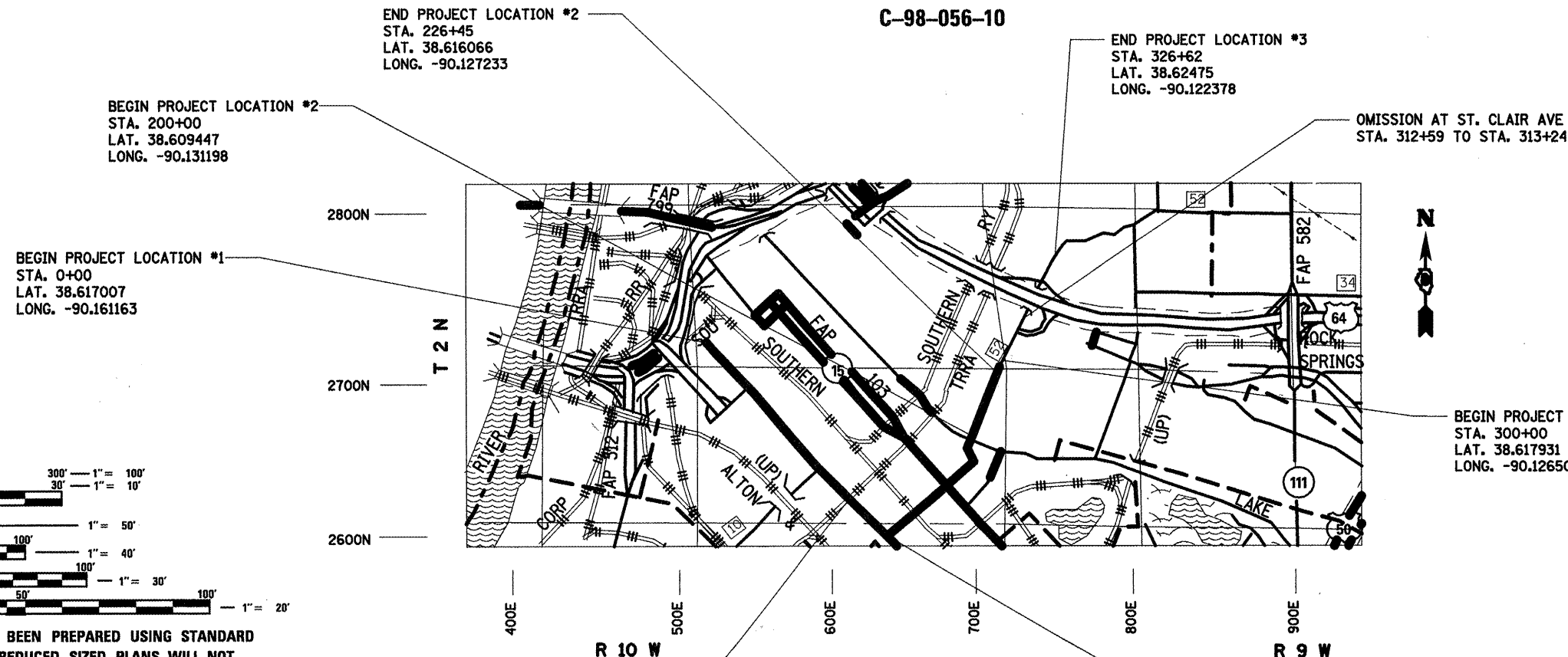
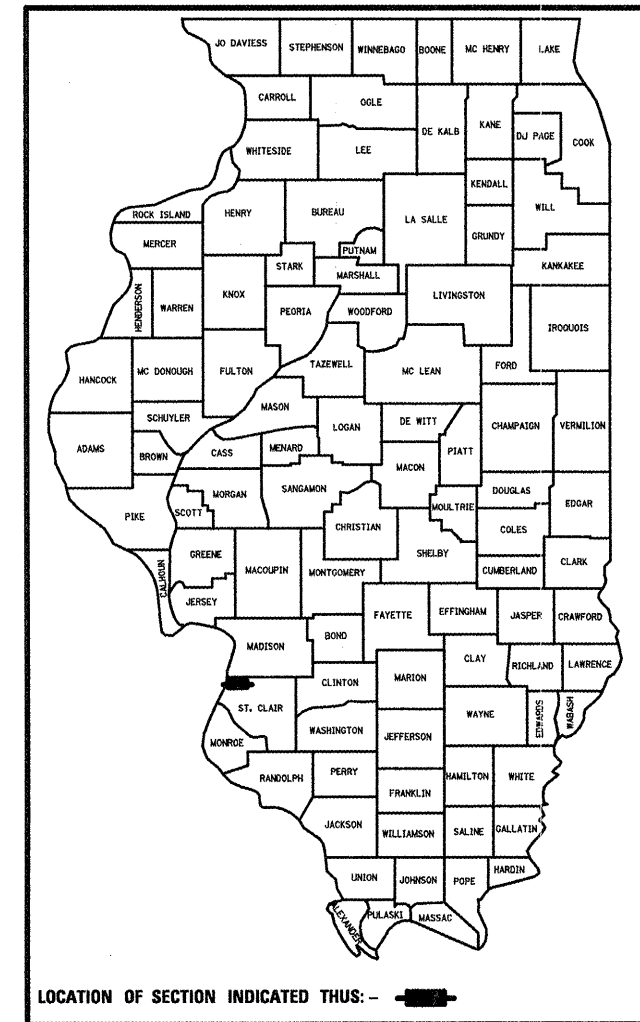
**PROPOSED
HIGHWAY PLANS**

FAU 9228 / FAU 9189
(Z-1)RS-2, 29RS-6
25TH STREET / BOND AVE.
ST CLAIR COUNTY

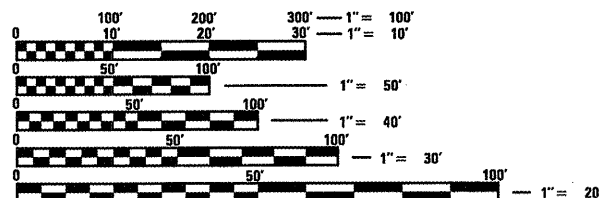
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D-98-043-10



SCALES



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: TIM PADGETT 618-346-3325
PROJECT MANAGER: JOHN ADCOCK 618-346-3354

CONTRACT NO. 76D75

MAP NOT TO SCALE

LOCATION #1 (BOND AVE. FROM 10TH ST. TO 26TH ST.)
GROSS LENGTH = 7947 FT. = 1.505 MILE
NET LENGTH = 7937 FT. = 1.503 MILE

LOCATION #2 (25TH ST. FROM LOUISIANA BLVD. TO STATE ST.)
GROSS LENGTH = 2645 FT. = 0.501 MILE
NET LENGTH = 2645 FT. = 0.501 MILE

LOCATION #3 (25TH ST. FROM OHIO AVE. TO ARGONNE DR.)
GROSS LENGTH = 2662 FT. = 0.504 MILE
NET LENGTH = 2597 FT. = 0.492 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 17 2010
Max C. Harris
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 2010
Scott E. Stett, P.E., Inc.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reader
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GENERAL NOTES

1. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
2. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE HOT-MIX ASPHALT PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
3. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE 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 MIXTURE IS PLACED.
4. THE THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL AT LOCATIONS #1 AND #2 WILL BE A NOMINAL 2 INCHES BASED ON THE CENTERLINE OF THE ROADWAY. AN ESTIMATED 3920 TONS OF HOT-MIX ASPHALT SURFACE WILL BE REMOVED.
5. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMERENCIPS
 - *AMERENUE
 - *AT&T ILLINOIS
 - *CENTERPOINT ENERGY
 - *CHARTER COMMUNICATIONS, INC.
 - *CITY OF EAST ST. LOUIS
 - *ILLINOIS AMERICAN WATER COMPANY
 - *METRO
 - *36ONETWORKS (USA) INC.

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
6. ALL SHORT-TERM PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. SHORT-TERM PAVEMENT MARKING HAS BEEN CALCULATED TO BE APPLIED TO THE MILLED, PRIMED, LEVEL BINDER AND FINAL HMA SURFACE. REMOVAL OF SHORT-TERM PAVEMENT MARKING FROM THE FINAL HMA SURFACE ONLY IS TO BE PAID AS "WORK ZONE PAVEMENT MARKING REMOVAL".
7. ALL PROPOSED PAVEMENT MARKINGS SHALL BE PLACED TO MATCH EXISTING OR AS DIRECTED BY R.E.
8. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
9. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
11. THE CONTRACTOR SHALL BE AWARE THAT AREAS OF HMA MAY BE ENCOUNTERED WHILE PERFORMING PCC SURFACE REMOVAL BUTT JOINTS. THESE AREAS SHALL BE MILLED AS PART OF THE PROPOSED PCC SURFACE REMOVAL BUTT JOINTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MILLING OF THE HMA.
12. THE CONTRACTOR SHALL BE AWARE THAT THERE IS OTHER WORK SCHEDULED ON I-64 OVER THE METROLINK TRACKS AT LOCTATION #3. THE CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS AND COORDINATE THEIR WORK TO PROVIDE THE MINIMUM AMOUNT OF DISTURBANCE TO THE MOTORING PUBLIC.
13. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT THE MILLED SECTIONS OF PAVEMENT. IF HMA SURFACE IS REMOVED TO FACILITATE DRAINAGE, IT WILL BE REPLACED DURING RESURFACING. THE COSTS ASSOCIATED WITH THE MILLED SURFACE DRAINAGE WILL BE INCLUDED IN THE MILLING PAY ITEM. NO ADDITIONAL COMPENSTATION WILL BE ALLOWED.

TRAFFIC CONTROL

1. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
2. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
3. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMMITMENTS

NONE

STANDARDS

- 000001-05
- 420701-02
- 442201-03
- 701306-02
- 701311-03
- 701426-03
- 701451-01
- 701501-05
- 701601-06
- 701901-01
- 780001-02
- 781001-03
- 886001-01
- 886006-01
- 701701-06**

MIXTURE CHART

MIXTURE USE	SURFACE	LEVEL BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION		
(GRADATION MIXTURE)		IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "C"
<i>Plan quantities for HOT MIX ASPHALT Items are calculated using a unit weight of 112 lb/sq yd/ln.</i>		

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	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND STANDARDS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 9226 / 9489	SECTION (Z-1RS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 2
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

FAU 9189 | FAU 9228

FAU 9189 | FAU 9228

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I000 LOCATION #1	I000 LOCATION #2	I000 LOCATION #3
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	16.1	8.7	2.2	5.2
40600300	AGGREGATE (PRIME COAT)	TON	78	42	11	25
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	2272	1173	296	803
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	1804			1804
40600990	TEMPORARY RAMP	SQ YD	497	211	36	250
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4380	2346	592	1442
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	34983	27930	7053	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	356	37		319
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	65	43		22
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	184			184
44213100	PAVEMENT FABRIC	SQ YD	605	80		525
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	13			13
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2	1	1
67100100	MOBILIZATION	L SUM	1	0.34	0.33	0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1			1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1			1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6636	3184	1058	2394
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	621	403		218
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	30373	16779	5951	7643
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1938	1622	80	236
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	463	311	80	72
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	11322	8097	300	2925
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	621	403		218
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	30373	16779	5951	7643
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1938	1622	80	236
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	463	311	80	72
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	361	238	33	90

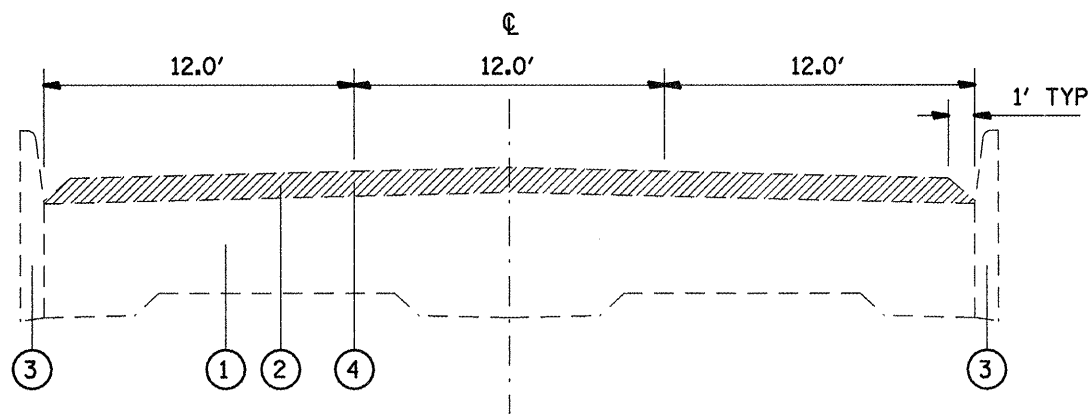
SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I000 LOCATION #1	I000 LOCATION #2	I000 LOCATION #3
*78200300	PRISMATIC CURB REFLECTOR	EACH	108			108
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	361	238	33	90
*80300100	LOCATING UNDERGROUND CABLE	FOOT	75			75
*88600600	DETECTOR LOOP REPLACEMENT	FOOT	3105			3105
*Z0036200	PAINT CURB	FOOT	1254			1254
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0075310	TIE BARS 3/4"	EACH	874	112		762
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.33	0.33	0.34
*specialty Hems						

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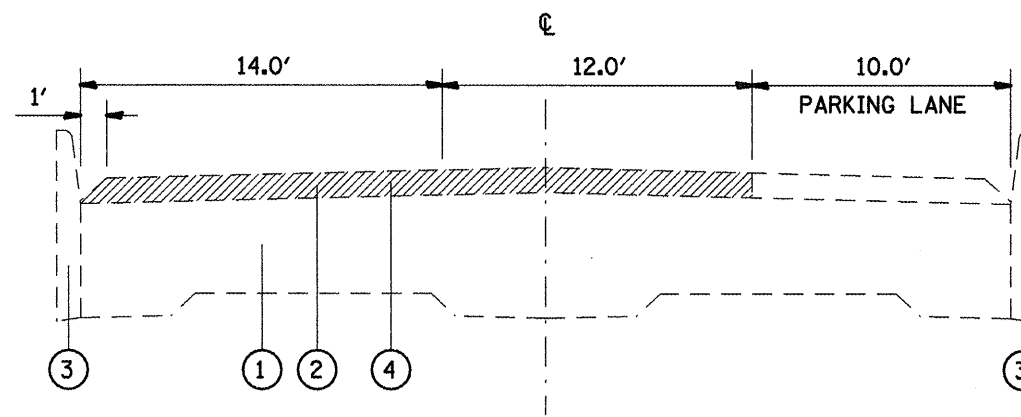
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
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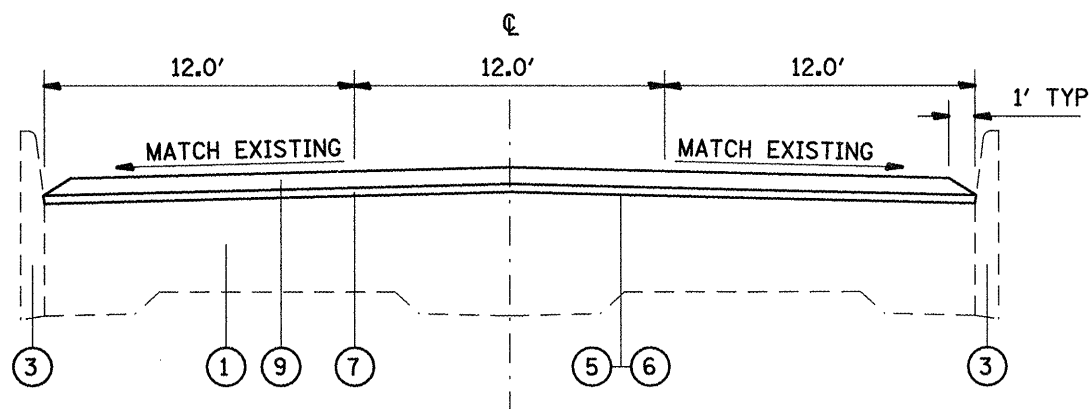
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CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				



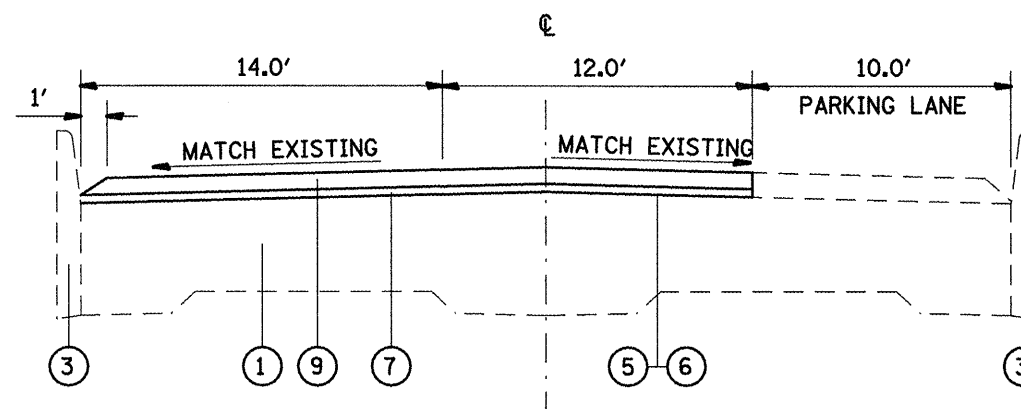
EXISTING TYPICAL SECTION
(BOND AVE)



EXISTING TYPICAL SECTION
(BOND AVE)



PROPOSED TYPICAL SECTION
(BOND AVE)



PROPOSED TYPICAL SECTION
(BOND AVE)

STA. 0+00 to STA. 2+48	STA. 41+49 to STA. 43+15
STA. 3+48 to STA. 4+68	STA. 44+74 to STA. 51+26
STA. 8+90 to STA. 10+49	STA. 53+11 to STA. 54+24
STA. 11+81 to STA. 17+30	STA. 60+04 to STA. 60+59
STA. 18+68 to STA. 20+52	STA. 60+69 to STA. 61+19
STA. 22+64 to STA. 29+16	STA. 66+47 to STA. 68+49
STA. 30+48 to STA. 32+06	STA. 72+77 to STA. 74+30
STA. 33+71 to STA. 40+17	STA. 75+89 to STA. 79+47

STA. 2+48 to STA. 3+48	STA. 40+17 to STA. 41+49
STA. 4+68 to STA. 8+90	STA. 43+15 to STA. 44+74
STA. 10+49 to STA. 11+81	STA. 51+26 to STA. 53+11
STA. 17+30 to STA. 18+68	STA. 54+24 to STA. 60+04
STA. 20+52 to STA. 22+64	STA. 61+19 to STA. 66+47
STA. 29+16 to STA. 30+48	STA. 68+49 to STA. 72+77
STA. 32+06 to STA. 33+71	STA. 74+30 to STA. 75+89

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

NOT TO SCALE

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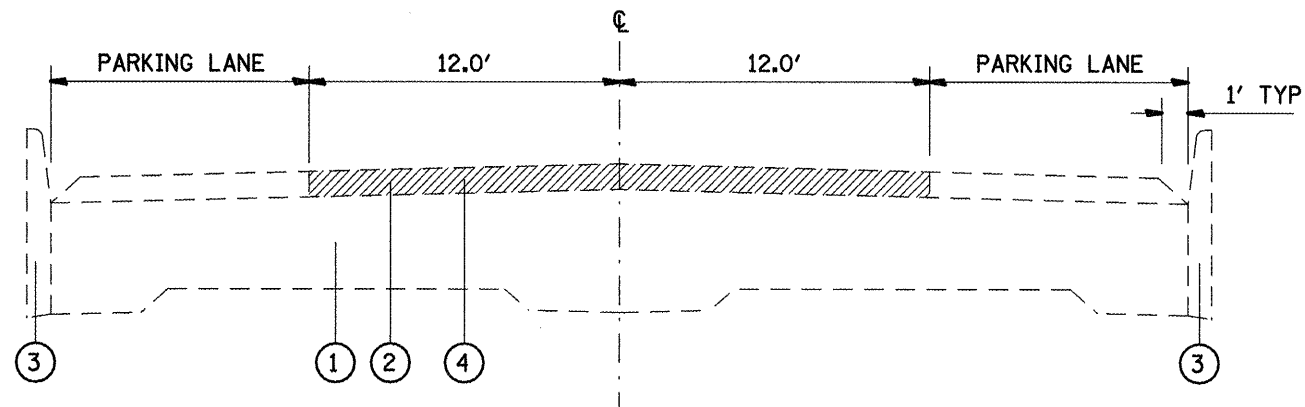
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DATE -	REVISED -

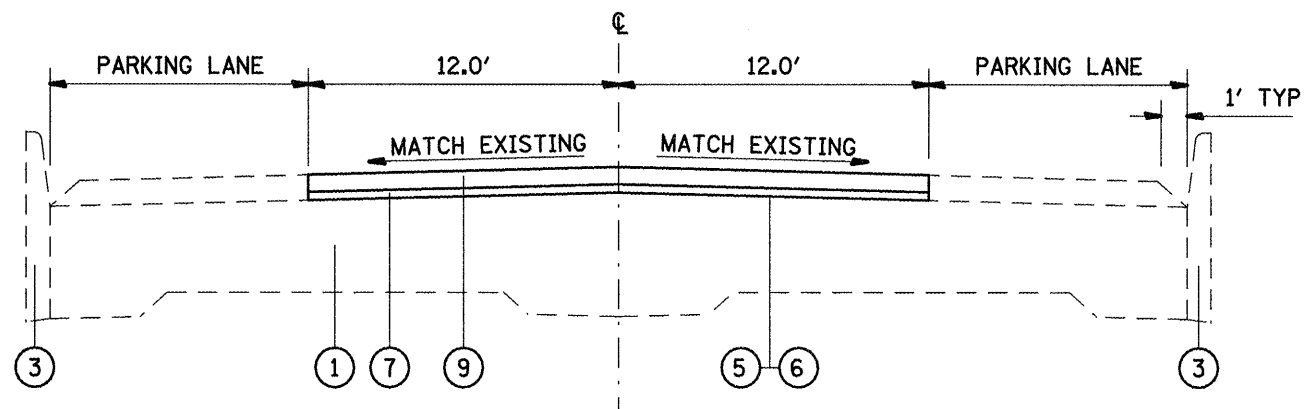
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #1 - BOND AVE.)
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 9228-7-9189	SECTION (Z-URS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 4
CONTRACT NO. 76D75			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
(25TH STREET)



PROPOSED TYPICAL SECTION
(25TH STREET)

STA. 200+00 to STA. 226+45

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1/2"

NOT TO SCALE

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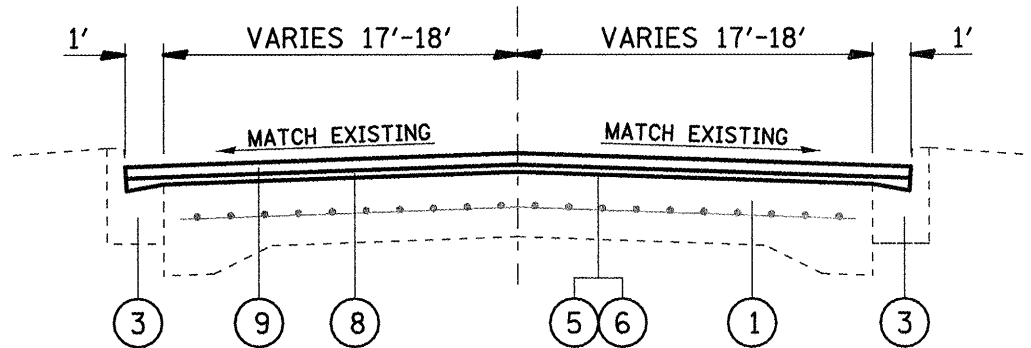
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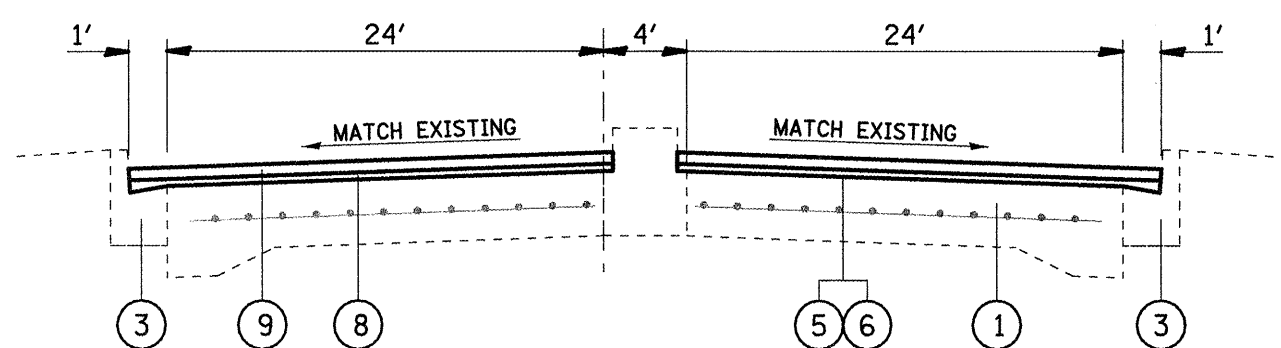
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS (LOCATION #2 - 25TH STREET)
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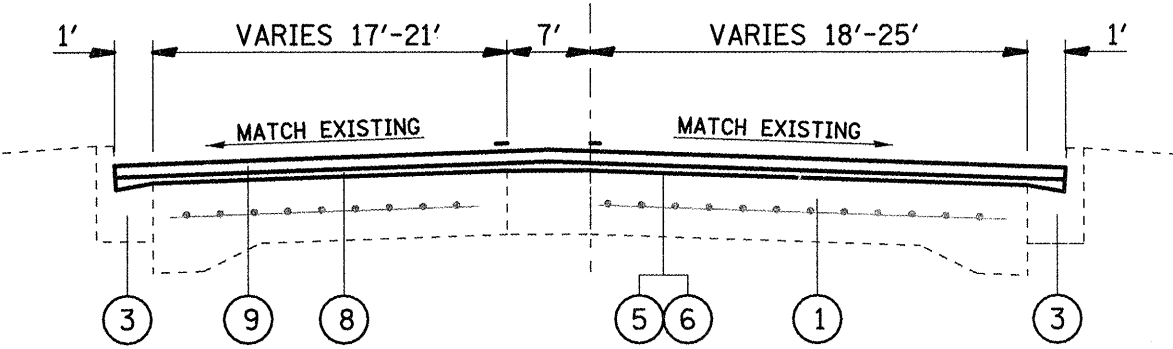
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CONTRACT NO. 76D75			FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT	



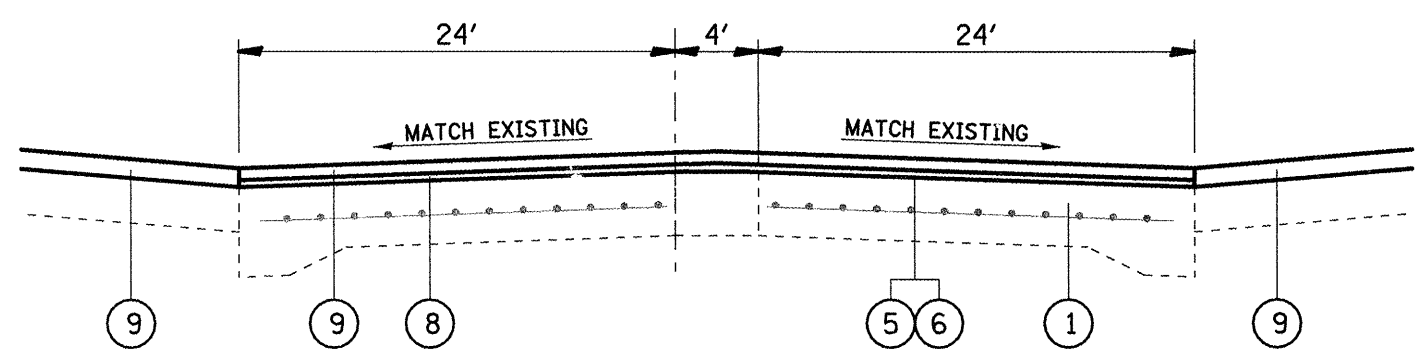
LOCATION 3
TYPICAL SECTION
STA 300+00 TO STA 301+35



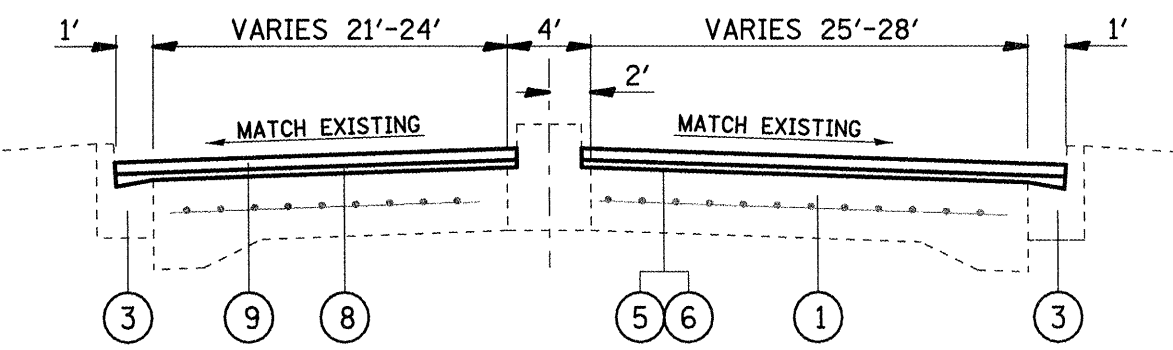
LOCATION 3
TYPICAL SECTION
STA 303+83 TO STA 305+75



LOCATION 3
TYPICAL SECTION
STA 301+35 TO STA 302+72



LOCATION 3
TYPICAL SECTION
STA 305+75 TO STA 306+68



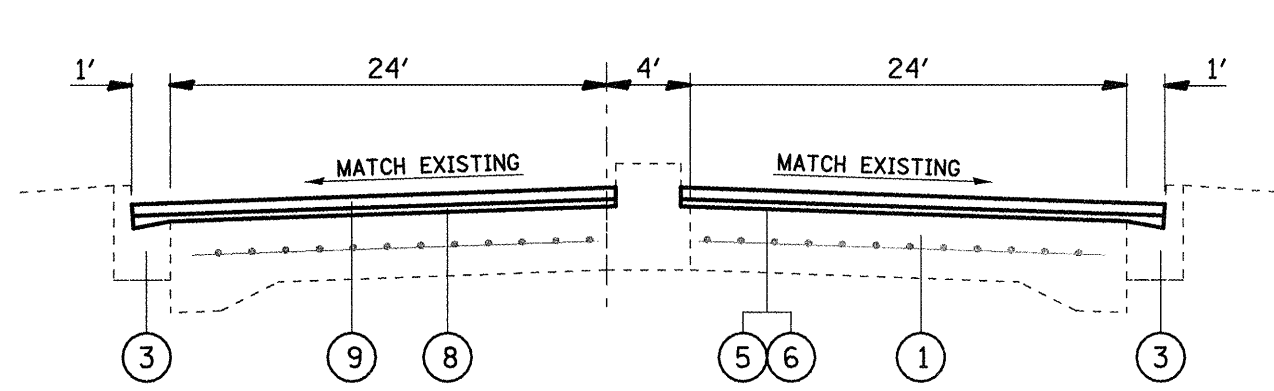
LOCATION 3
TYPICAL SECTION
STA 302+72 TO STA 303+83

LEGEND

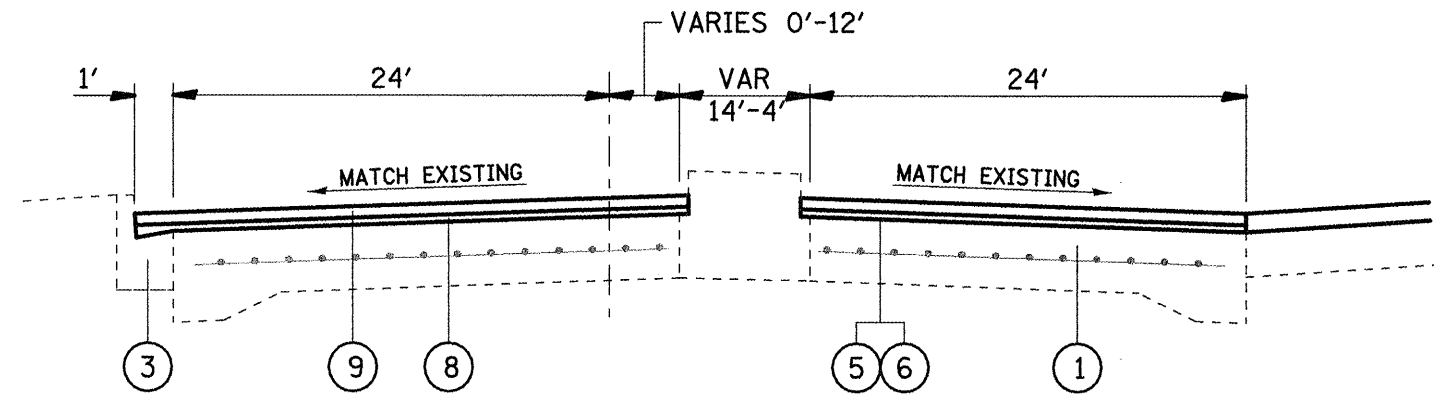
- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1/2"

NOT TO SCALE

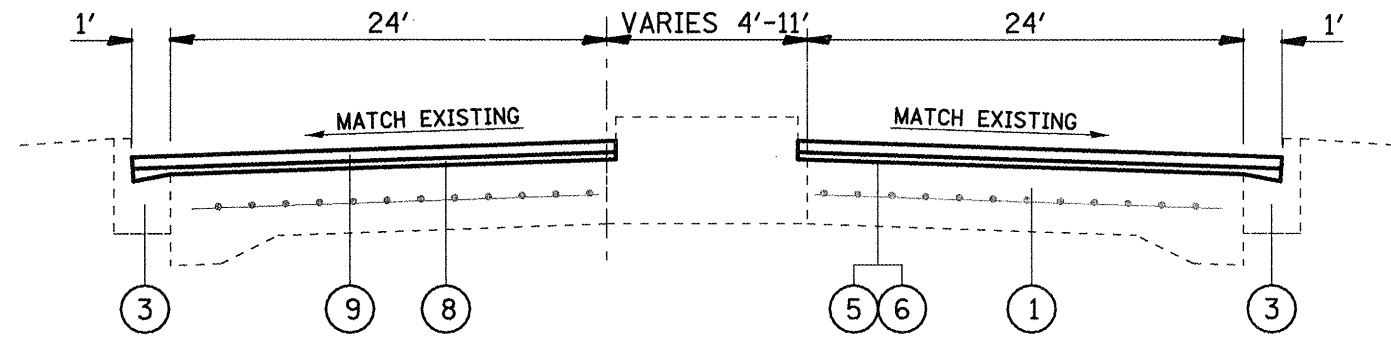
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PLOT DATE = 3/17/2018	PLOT DATE = 3/17/2018	DATE -	REVISED -			SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT CONTRACT NO. 76D76		



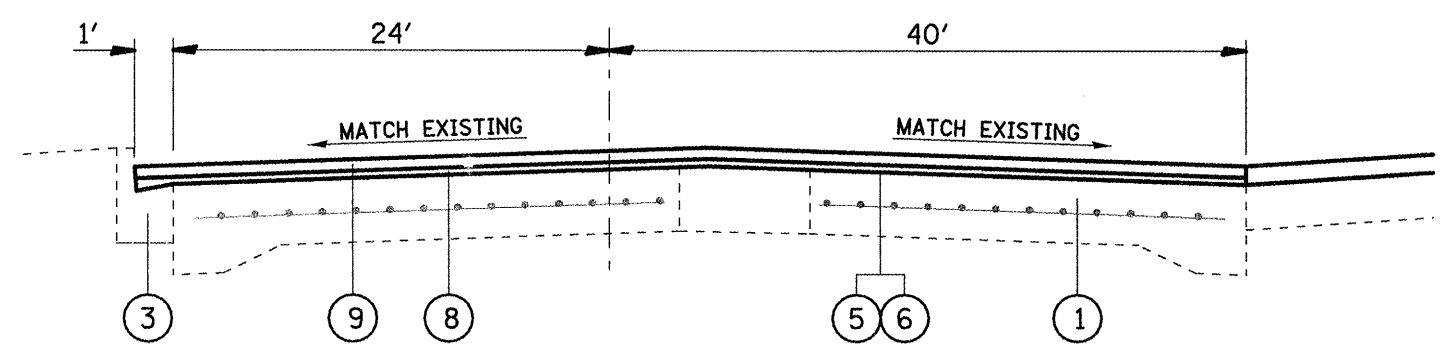
LOCATION 3
TYPICAL SECTION
STA 306+68 TO STA 307+17



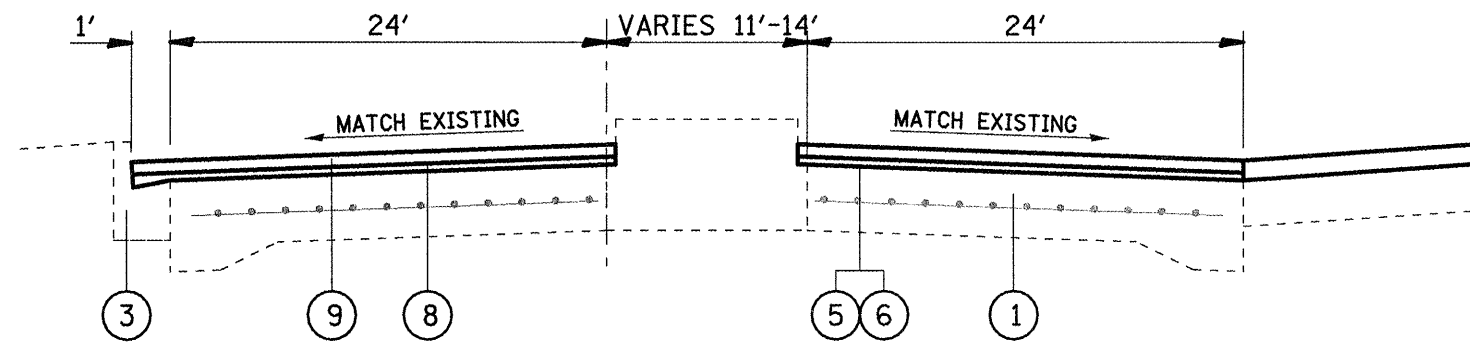
LOCATION 3
TYPICAL SECTION
STA 308+15 TO STA 308+57



LOCATION 3
TYPICAL SECTION
STA 307+17 TO STA 307+88



LOCATION 3
TYPICAL SECTION
STA 308+57 TO STA 309+13



LOCATION 3
TYPICAL SECTION
STA 307+88 TO STA 308+15

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

NOT TO SCALE

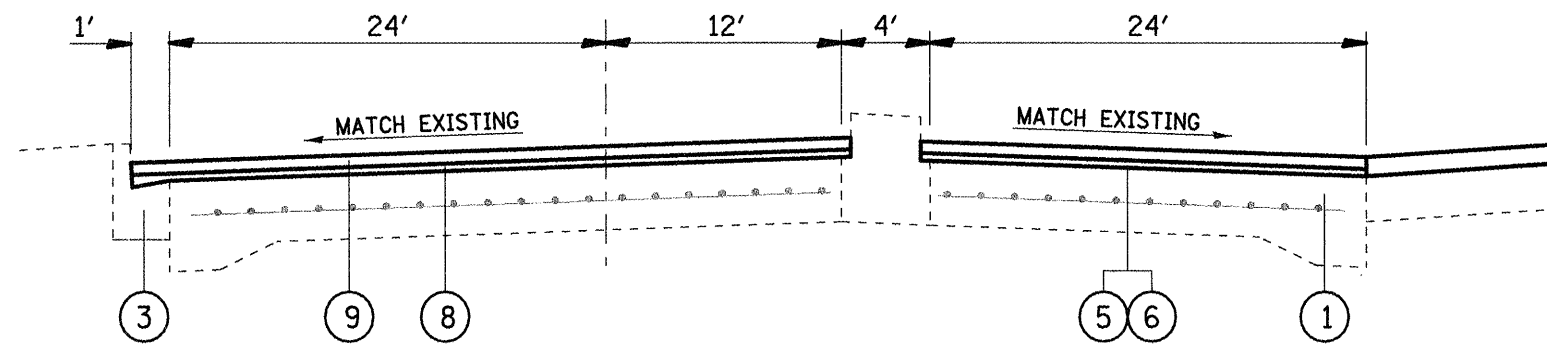
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

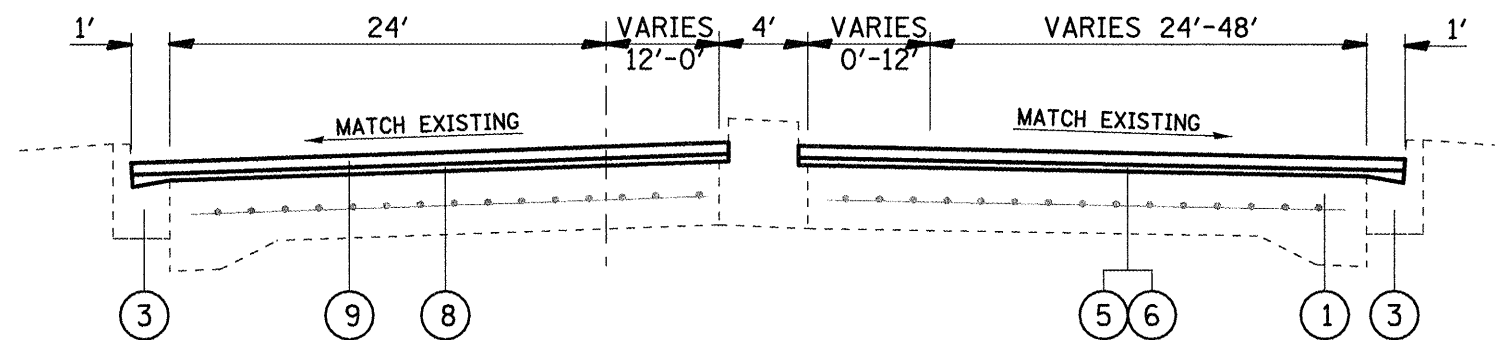
TYPICAL SECTIONS (LOCATION #3 - 25TH STREET)

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

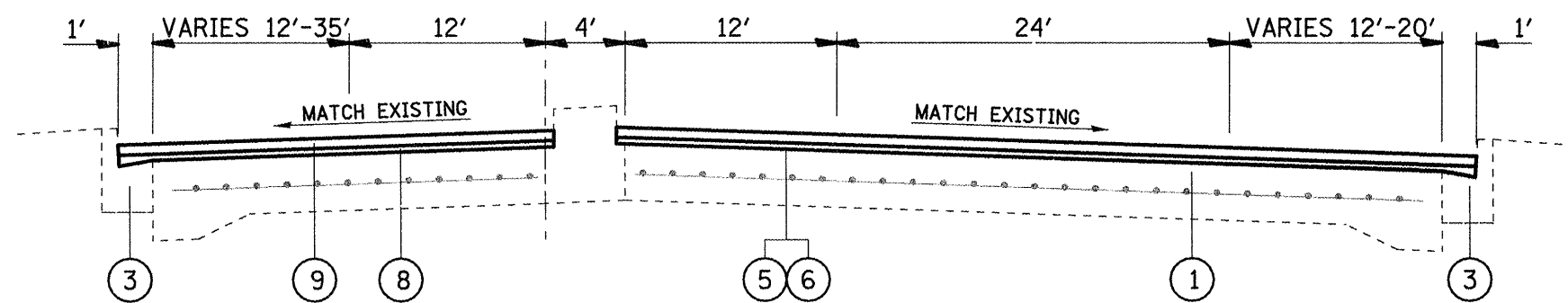
F.A. 875	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9228 / 9189	(Z-1)RS-2, 29RS-6	ST. CLAIR	33	7
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



LOCATION 3
TYPICAL SECTION
STA 309+13 TO STA 310+69



LOCATION 3
TYPICAL SECTION
STA 310+69 TO STA 311+36



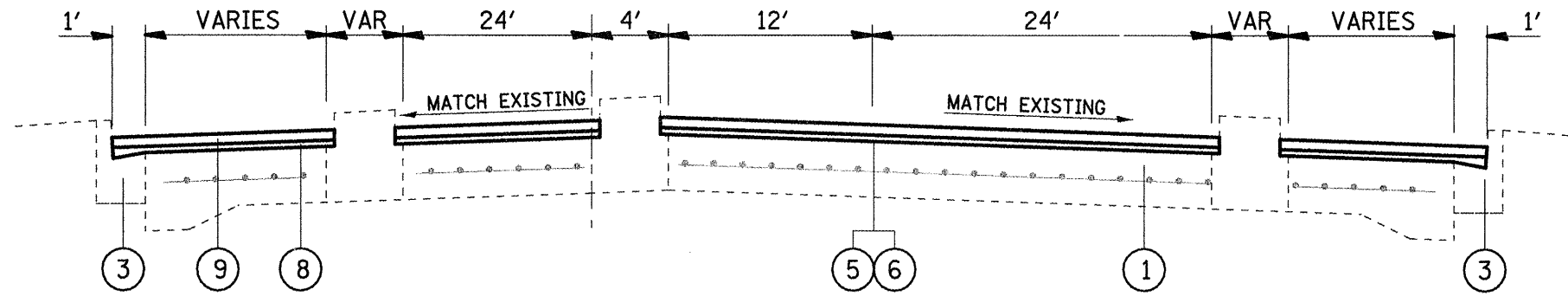
LOCATION 3
TYPICAL SECTION
STA 311+36 TO STA 312+26

LEGEND

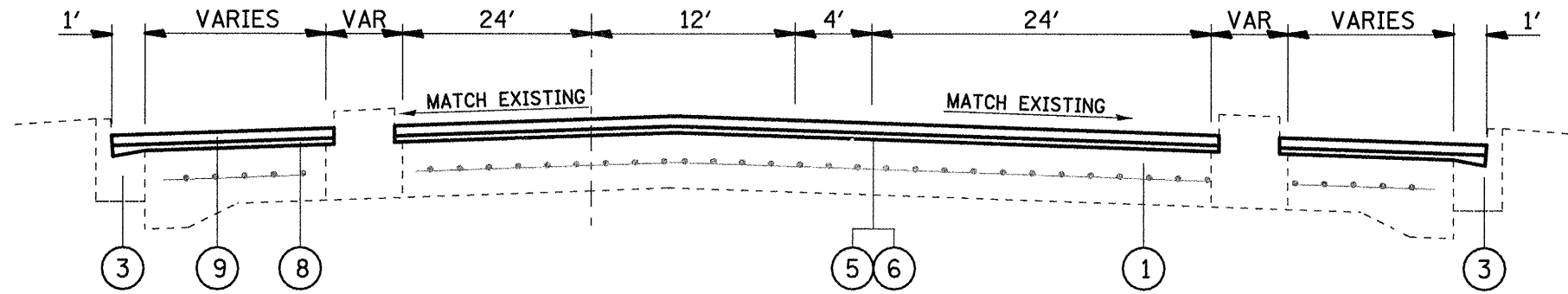
- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

NOT TO SCALE

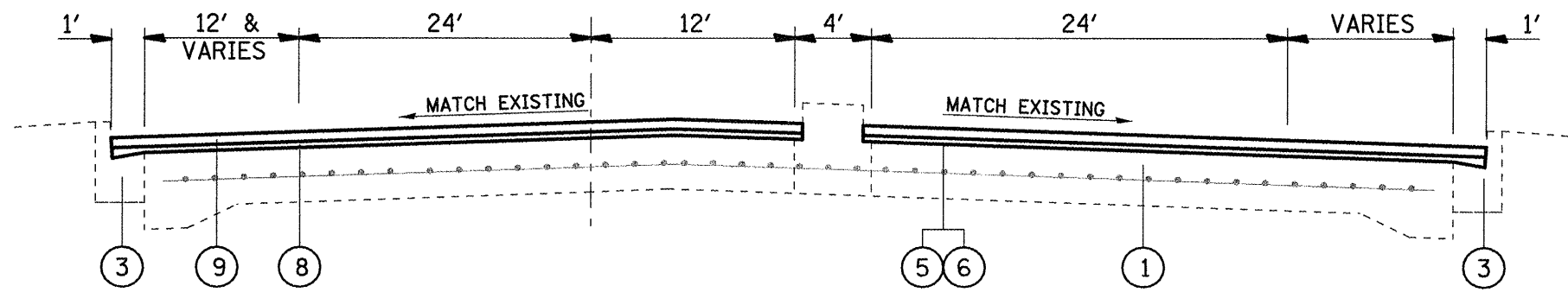
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ca\pwr\work\PWIDOT\WATERSLE\d0174384\d08	6d75-shs-plan.dgn	DRAWN -	REVISED -				9228	(Z-1)RS-2, 29RS-6	ST. CLAIR	33	8
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.		CONTRACT NO. 76075				
	PLOT DATE = 3/17/2010	DATE -	REVISED -		FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT						



LOCATION 3
TYPICAL SECTION
STA 312+26 TO STA 312+59



LOCATION 3
TYPICAL SECTION
STA 313+24 TO STA 313+53



LOCATION 3
TYPICAL SECTION
STA 313+53 TO STA 314+44

NOT TO SCALE

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

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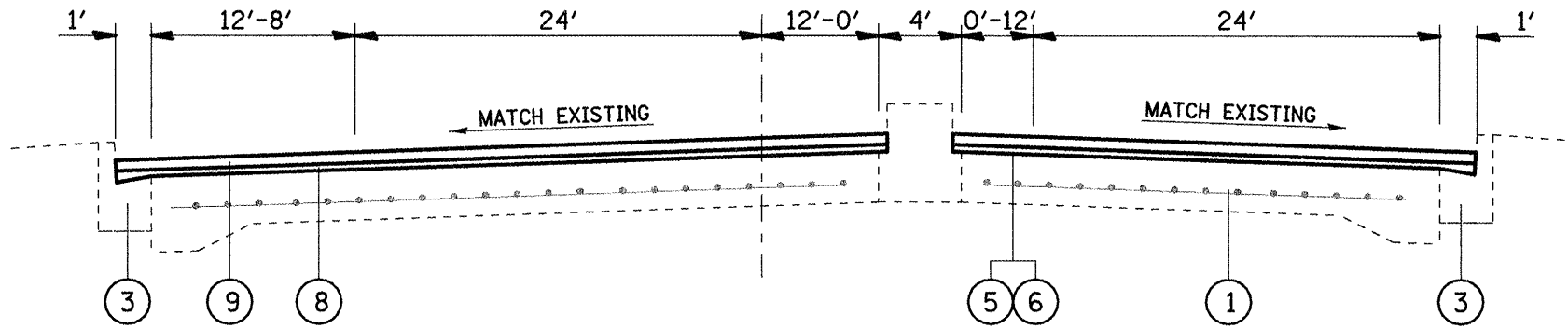
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

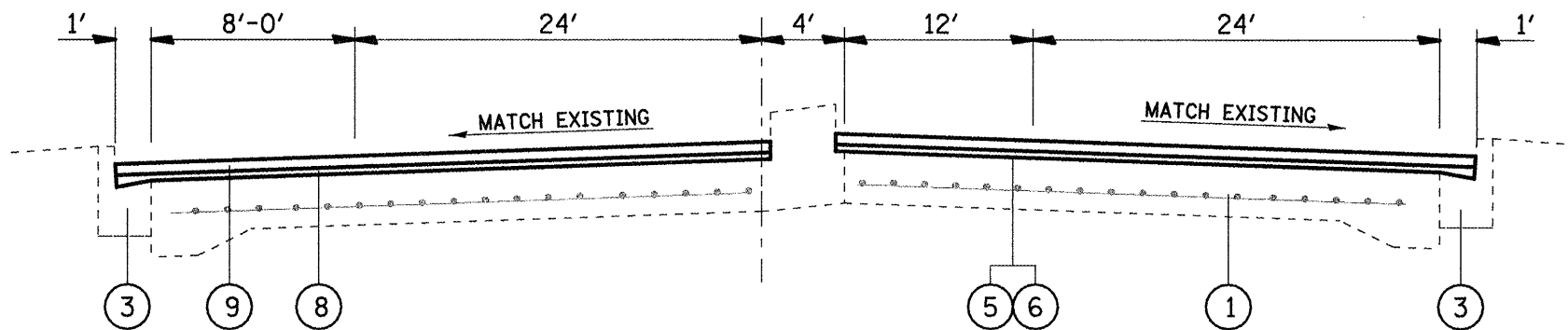
TYPICAL SECTIONS (LOCATION #3 - 25TH STREET)

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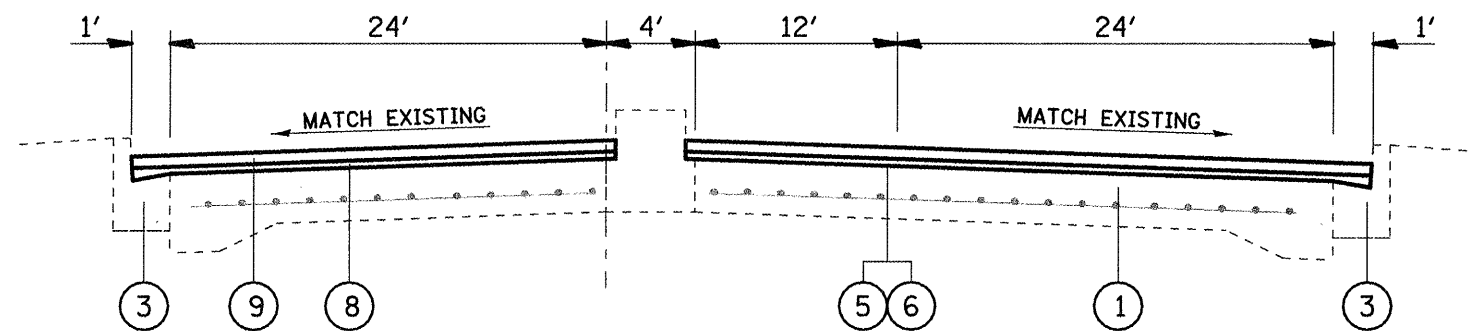
F.A. 8228 9189	SECTION CZ-1RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 9
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



LOCATION 3
TYPICAL SECTION
STA 314+44 TO STA 315+17



LOCATION 3
TYPICAL SECTION
STA 315+17 TO STA 315+87



LOCATION 3
TYPICAL SECTION
STA 315+87 TO STA 317+15

NOT TO SCALE

LEGEND

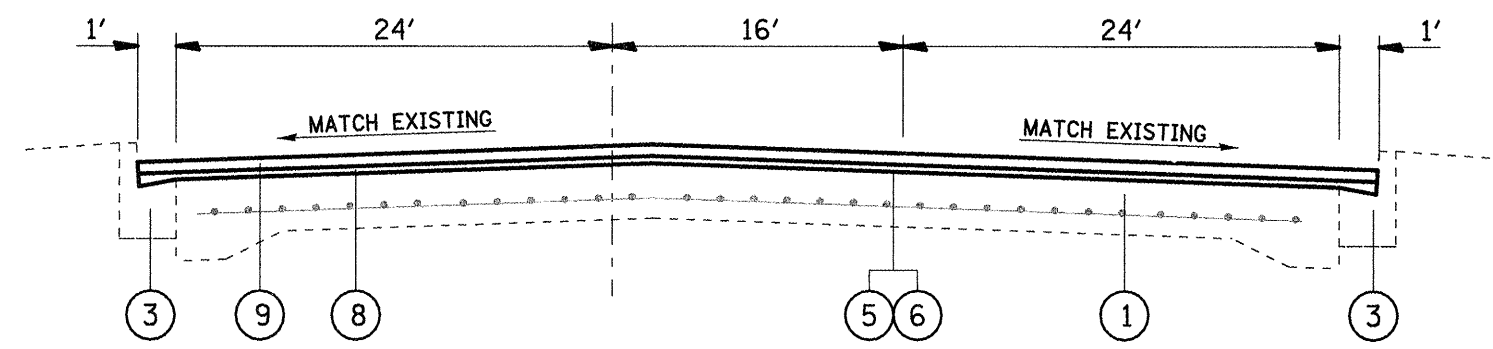
- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

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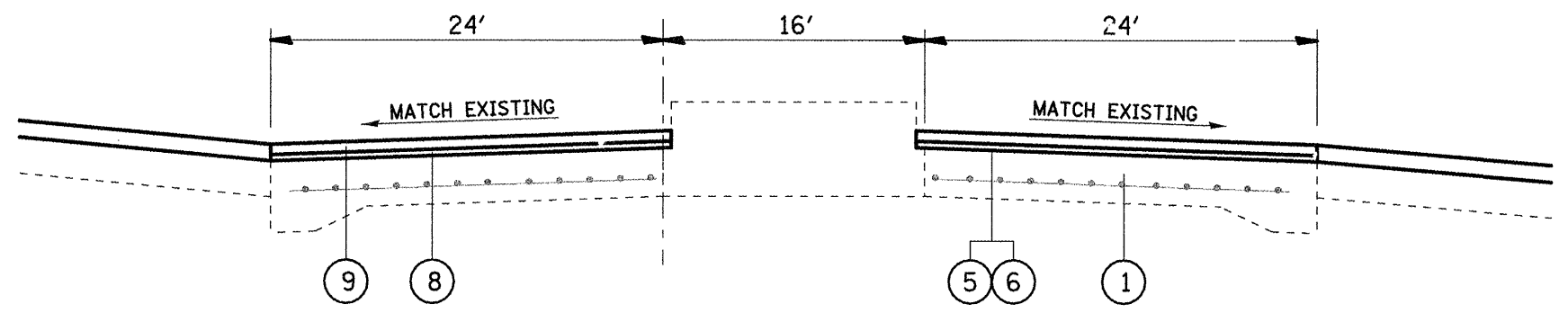
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS (LOCATION #3 - 25TH STREET)			
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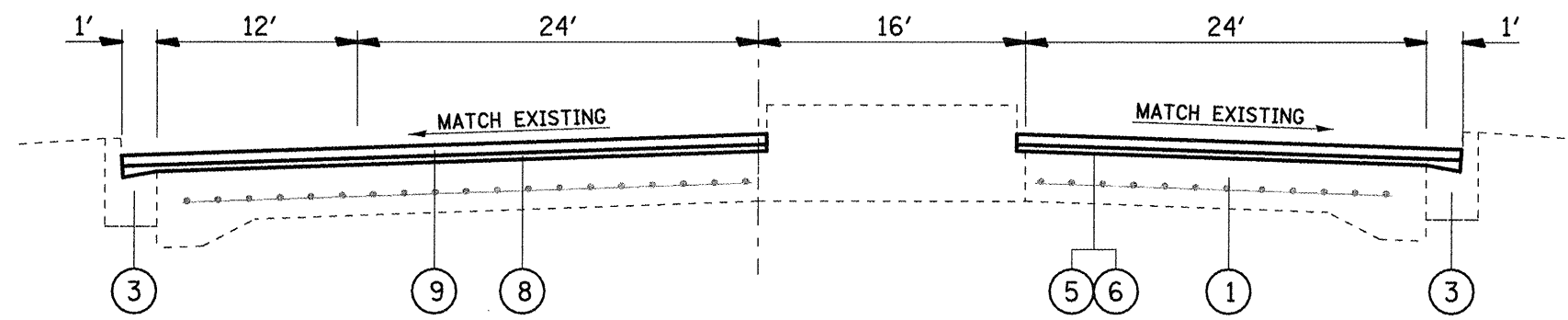
F.A. RTE. 9228 / 9189	SECTION 12-11RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 10
CONTRACT NO. 76D75			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



LOCATION 3
TYPICAL SECTION
STA 317+15 TO STA 317+76



LOCATION 3
TYPICAL SECTION
STA 317+76 TO STA 318+77



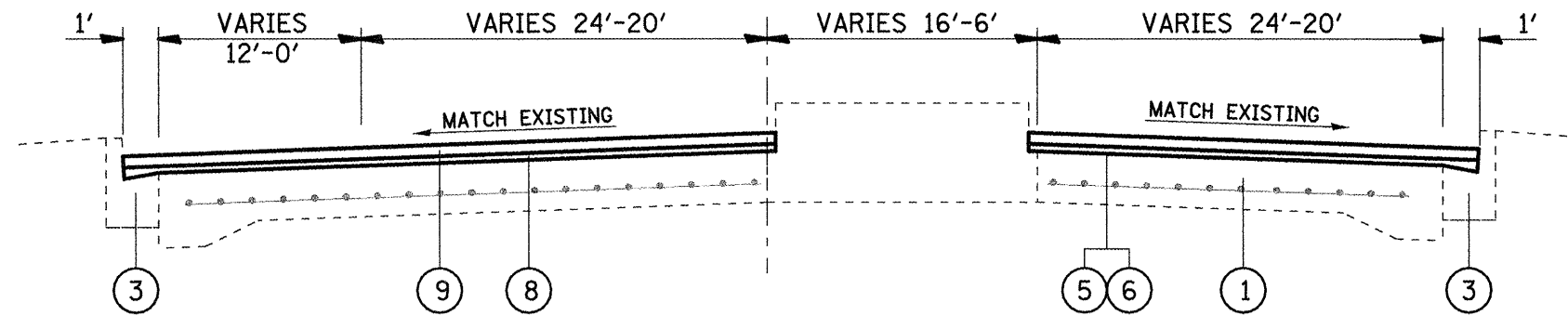
LOCATION 3
TYPICAL SECTION
STA 318+77 TO STA 321+60

LEGEND

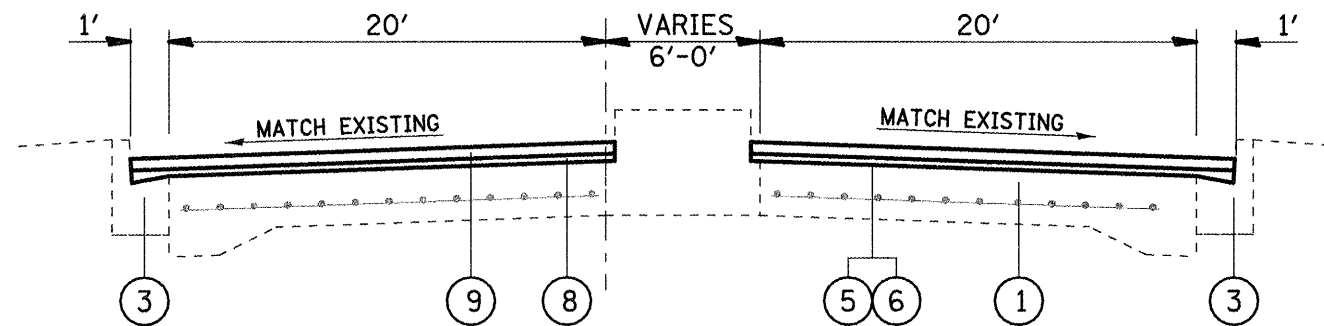
- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (LOCATION #3 - 25TH STREET)		F.A. 8228	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ca:\pwwork\PMIDOT\WATERSLE\d0174384\d01	6d75-ehd-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.	(Z-1)RS-2, 29RS-6	ST. CLAIR	33	11	
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -										
	PLOT DATE = 3/17/2010	DATE -	REVISED -										
								CONTRACT NO. 76075				FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



LOCATION 3
TYPICAL SECTION
STA 321+60 TO STA 324+37



LOCATION 3
TYPICAL SECTION
STA 324+37 TO STA 326+62

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING CONCRETE CURB AND GUTTER
- ④ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED LEVELING BINDER (MM), N70 - 3/4"
- ⑧ PROPOSED LEVELING BINDER (MM), N70 - 1"
- ⑨ PROPOSED HMA SURFACE COURSE, MIX D, N70 - 1 1/2"

NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (LOCATION #3 - 25TH STREET)	F.A. B.T.E. 9228 / 9189	SECTION (Z-1RS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 12		
cr\pwork\PWIDOT\WATERSLE\d0174384\d8	6d75-ahtr-plan.dgn	DRAWN -	REVISED -			SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 76D75		
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT						
	PLOT DATE = 3/17/2010	DATE -	REVISED -									

RESURFACING SCHEDULE

LOCATION 1						
STA	TO	STA	HMA SURFACE	LEVELING	BITUMINOUS	HMA
			COURSE	BINDER	MATERIALS	SURFACE REMOVAL
			MIX "D", N70	(MM), N70	(PRIME COAT)	2"
			TON	TON	TON	SQ YD
0+00	TO	10+03	288	144	1.1	3432
10+03	TO	20+06	312	156	1.2	3712
20+06	TO	31+60	356	178	1.3	4234
31+60	TO	42+69	345	172	1.3	4106
42+69	TO	53+78	341	170	1.3	4054
53+78	TO	68+03	375	188	1.4	4469
68+03	TO	79+47	330	165	1.2	3924
TOTAL			2346	1173	8.7	27930

CLASS C PATCHES

LOCATION 1					
STATION	LOCATION	LENGTH	WIDTH	CLASS C PATCHES,	CLASS C PATCHES,
				TYPE II, 10 INCH	TYPE III, 10 INCH
				SQ YD	SQ YD
20+59	LT	12	12		16.0
31+68	LT	16	12		21.3
36+96	LT	8	12	10.7	
37+49	CL INT	8	12	10.7	
42+24	LT	8	12	10.7	
SUBTOTAL				32	37
ANTICIPATED FAILURES (15%)				5	6
TOTAL				37	43

TIE BARS AND PAVEMENT FABRIC SHALL BE INSTALLED IN ALL PATCHES

TEMPORARY RAMPS

LOCATION 1		
LOCATION	STATION	SQ YD
MAINLINE	0+00	26.7
MAINLINE	60+59	26.7
MAINLINE	60+69	26.7
MAINLINE	79+46	26.7
SIDEROAD	04+22	8.0
SIDEROAD	10+03	8.0
SIDEROAD	14+25	8.0
SIDEROAD	20+06	8.0
SIDEROAD	26+40	8.0
SIDEROAD	31+60	8.0
SIDEROAD	37+41	8.0
SIDEROAD	42+69	8.0
SIDEROAD	48+50	8.0
SIDEROAD	53+78	8.0
SIDEROAD	60+64	8.0
SIDEROAD	68+03	8.0
SIDEROAD	73+84	8.0
TOTAL		211

NOTE: QUANTITY AT SIDEROADS IS FOR BOTH SIDES OF THE MAINLINE

RESURFACING SCHEDULE

LOCATION 2						
STA	TO	STA	HMA SURFACE	LEVELING	BITUMINOUS	HMA
			COURSE	BINDER	MATERIALS	SURFACE REMOVAL
			MIX "D", N70	(MM), N70	(PRIME COAT)	2"
			TON	TON	TON	SQ YD
200+00	TO	226+45	592	296	2.2	7053
TOTAL			592	296	2.2	7053

TEMPORARY RAMPS

LOCATION 2		
LOCATION	STATION	SQ YD
MAINLINE	0+00	17.8
MAINLINE	26+45	17.8
TOTAL		36

RESURFACING SCHEDULE

LOCATION 3						
LOCATION			HMA SURFACE COURSE	LEVELING BINDER	BITUMINOUS MATERIALS	AGGREGATE
STA	TO	STA	MIX "D", N70	(MM), N70	(PRIME COAT)	(PRIME COAT)
			TON	TON	TON	TON
300+00	TO	306+00	235	146	0.87	4.2
306+00	TO	312+59	364	224	1.36	6.5
SUMMIT AVE LT			8		0.02	0.1
SUMMIT AVE RT			14		0.04	0.2
I-64 EB RAMPS			60		0.17	0.8
313+24	TO	320+00	397	246	1.48	7.1
I-64 WB RAMPS LT			36		0.10	0.5
I-64 WB RAMPS RT			29		0.08	0.4
320+00	TO	326+62	299	187	1.11	5.3
TOTAL			1442	803	5.2	25

2" AVERAGE SURFACE THICKNESS INCLUDED FOR THE SIDEROADS AND RAMPS

PCC SURFACE REMOVAL - BUTT JOINTS & TEMPORARY RAMPS

LOCATION 3				
LOCATION			PCC SURFACE REMOVAL	TEMPORARY
STA	TO	STA	BUTT JOINT	RAMPS
			SQ YD	SQ YD
300+00	TO	300+30	112.3	18.7
SUMMIT AVE LT			101.3	17.8
SUMMIT AVE RT			104.7	15.2
I-64 EB RAMPS			320.6	32.2
312+29	TO	312+59	323.3	53.9
313+24	TO	313+54	360.2	54.7
I-64 WB RAMPS LT			193.2	16.7
I-64 WB RAMPS RT			157.9	19.4
326+32	TO	326+62	130.8	21.4
TOTAL			1804	250

FRAMES AND GRATES TO BE ADJUSTED

LOCATION 3	
LOCATION	FRAMES AND GRATES TO BE ADJUSTED
	EACH
STA 302+72 RT	1
25TH ST @ SUMMIT AVE	3
25TH ST @ EB I-64 RAMP	4
25TH ST @ I-64 BRIDGE	1
25TH ST @ WB I-64 RAMPS	2
25TH ST @ METROLINK BRIDGE	2
TOTAL	13

CLASS C PATCHES

LOCATION 3						
STATION	LOCATION	LENGTH	WIDTH	CLASS C PATCHES, TYPE II, 10 INCH	CLASS C PATCHES, TYPE III, 10 INCH	CLASS C PATCHES, TYPE IV, 10 INCH
				SQ YD	SQ YD	SQ YD
300+86	LT	6	12	8.0		
300+86	RT	6	12	8.0		
301+86	RT	6	12	8.0		
302+91	LT	6	12	8.0		
303+84	LT	14	12		18.7	
304+84	LT	6	12	8.0		
305+95	RT DRIVING LN	6	12	8.0		
305+85	RT PASSING LN	6	12	8.0		
306+97	LT DRIVING LN	6	12	8.0		
306+97	LT PASSING LN	6	12	8.0		
307+17	LT DRIVING LN	8	12	10.7		
307+44	LT DRIVING LN	6	12	8.0		
308+28	LT PASSING LN	6	12	8.0		
308+60	LT DRIVING LN	6	12	8.0		
308+60	LT PASSING LN	6	12	8.0		
308+80	LT DRIVING LN	6	12	8.0		
308+80	LT PASSING LN	6	12	8.0		
310+67	LT DRIVING LN	6	12	8.0		
310+67	LT PASSING LN	6	12	8.0		
310+67	RT DRIVING LN	6	12	8.0		
310+67	RT PASSING LN	6	12	8.0		
318+00	RT DRIVING LN	10	12	13.3		
318+00	RT PASSING LN	10	12	13.3		
318+70	RT DRIVING LN	60	12			80.0
318+70	RT PASSING LN	60	12			80.0
320+88	LT TURN LN	6	12	8.0		
321+04	LT TURN LN	6	12	8.0		
321+76	LT PASSING LN	6	12	8.0		
321+76	LT DRIVING LN	6	18	12.0		
321+91	RT DRIVING LN	6	12	8.0		
321+91	RT PASSING LN	6	12	8.0		
322+45	RT PASSING LN	6	12	8.0		
323+06	RT DRIVING LN	6	22	14.7		
323+55	RT DRIVING LN	6	20	13.3		
SUBTOTAL				277	19	160
ANTICIPATED FAILURES (15%)				42	3	24
TOTAL				319	22	184

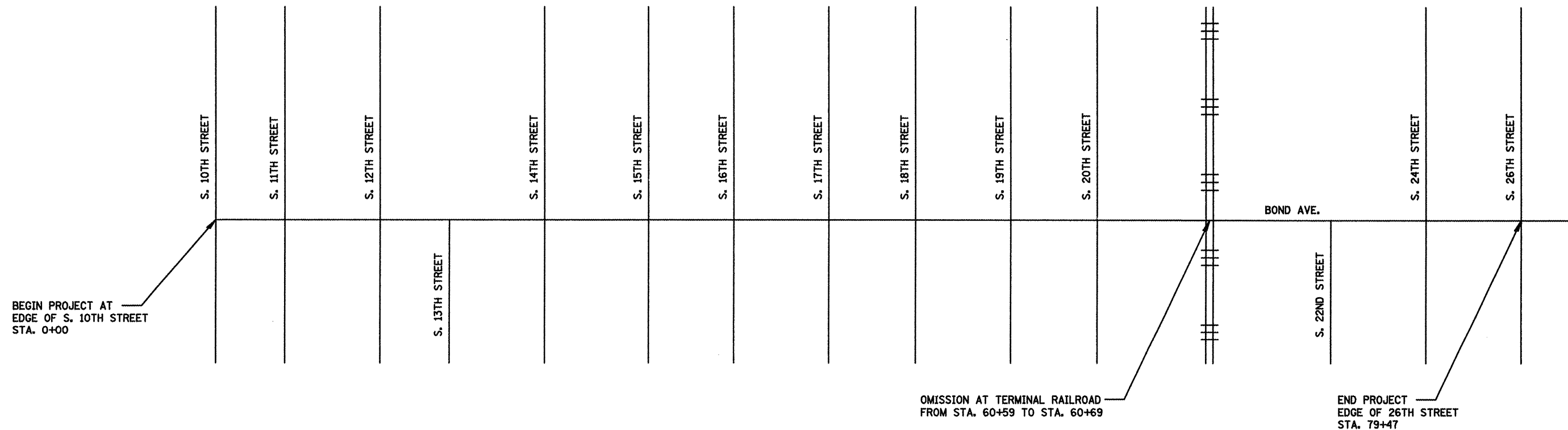
TIE BARS AND PAVEMENT FABRIC SHALL BE INSTALLED IN ALL PATCHES

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	PLOT DATE = 3/17/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES - (LOCATION #3)	
SCALE:	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A. DIST. 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 14
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



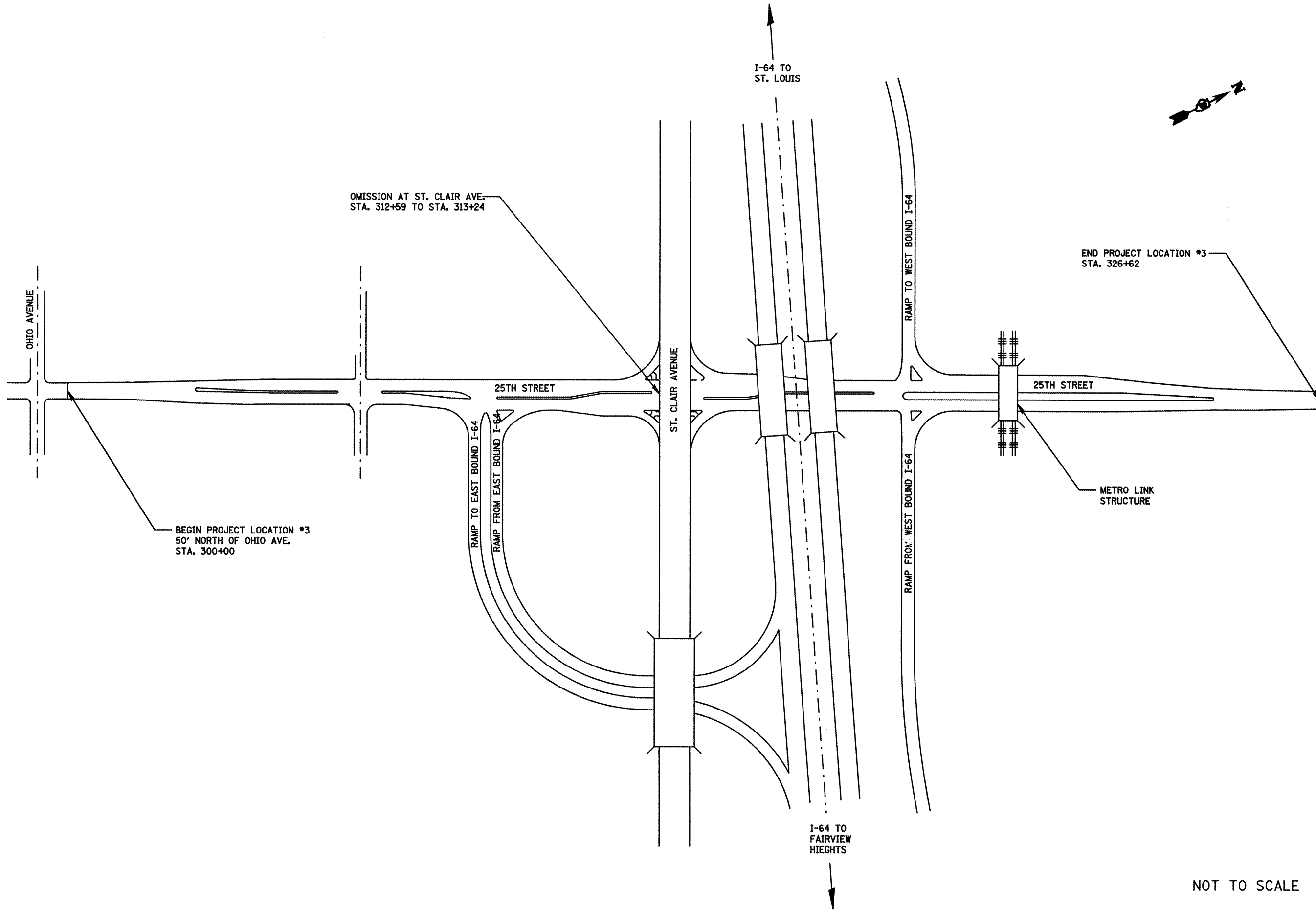
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION #1 MAP (BOND AVE.)	
SCALE:	TO STA.
SHEET NO. 1 OF 3 SHEETS	STA.

F.A. 876	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
92267	(Z-1)RS-2, 29RS-6	ST. CLAIR	33	15
9189	CONTRACT NO. 76D75			
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



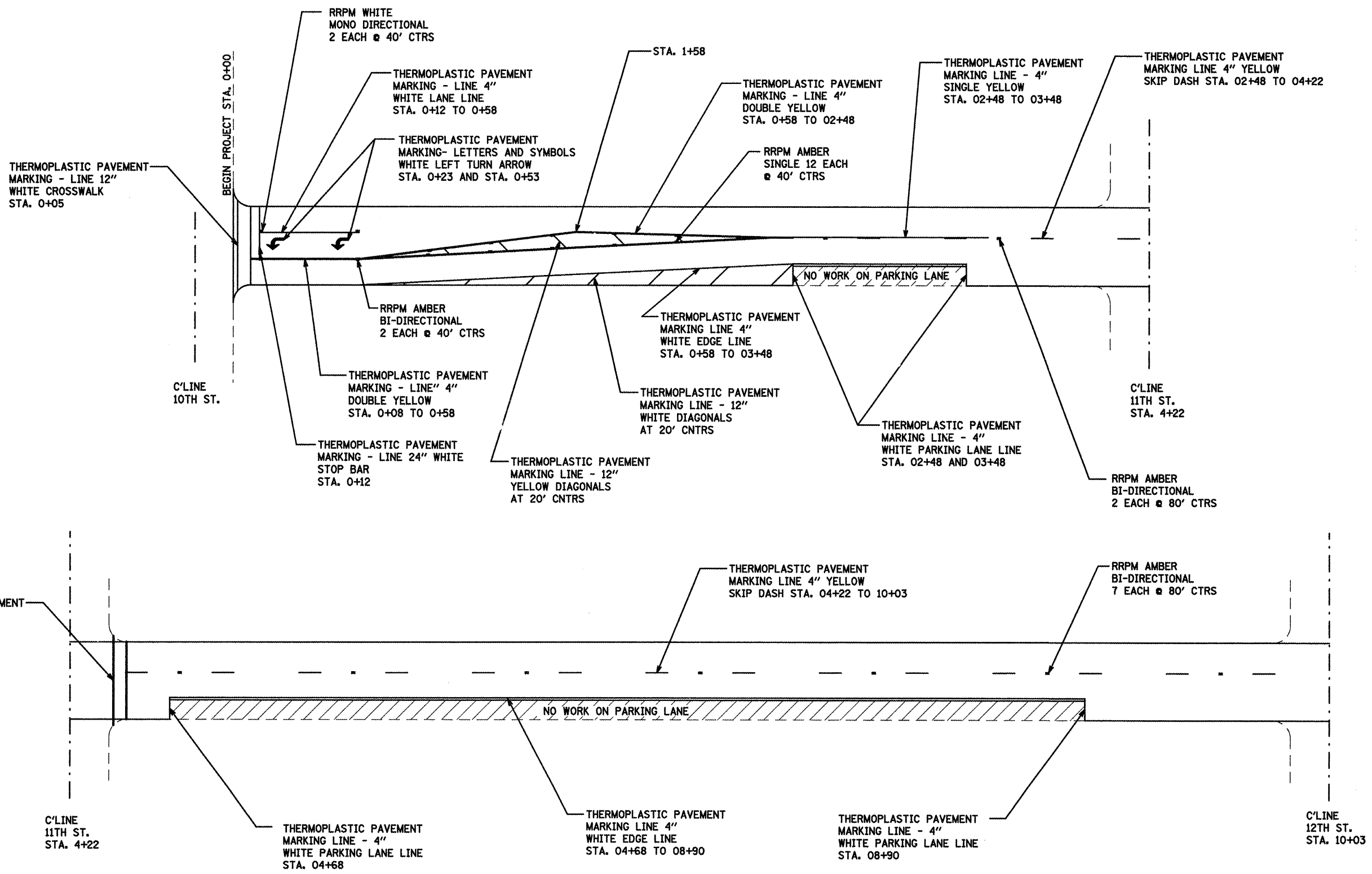
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION #3 MAP (25TH STREET)	
SCALE:	TO STA.
SHEET NO. 3 OF 3 SHEETS	STA. TO STA.

F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9228 / 9189	(Z-1)RS-2, 29RS-6	ST. CLAIR	33	17
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			CONTRACT NO. 76075	



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	SQUARE FEET
0+12 TO 10+03	422	1150	209	30	24	31.2

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
0+12 TO 10+03	2	23

NOT TO SCALE

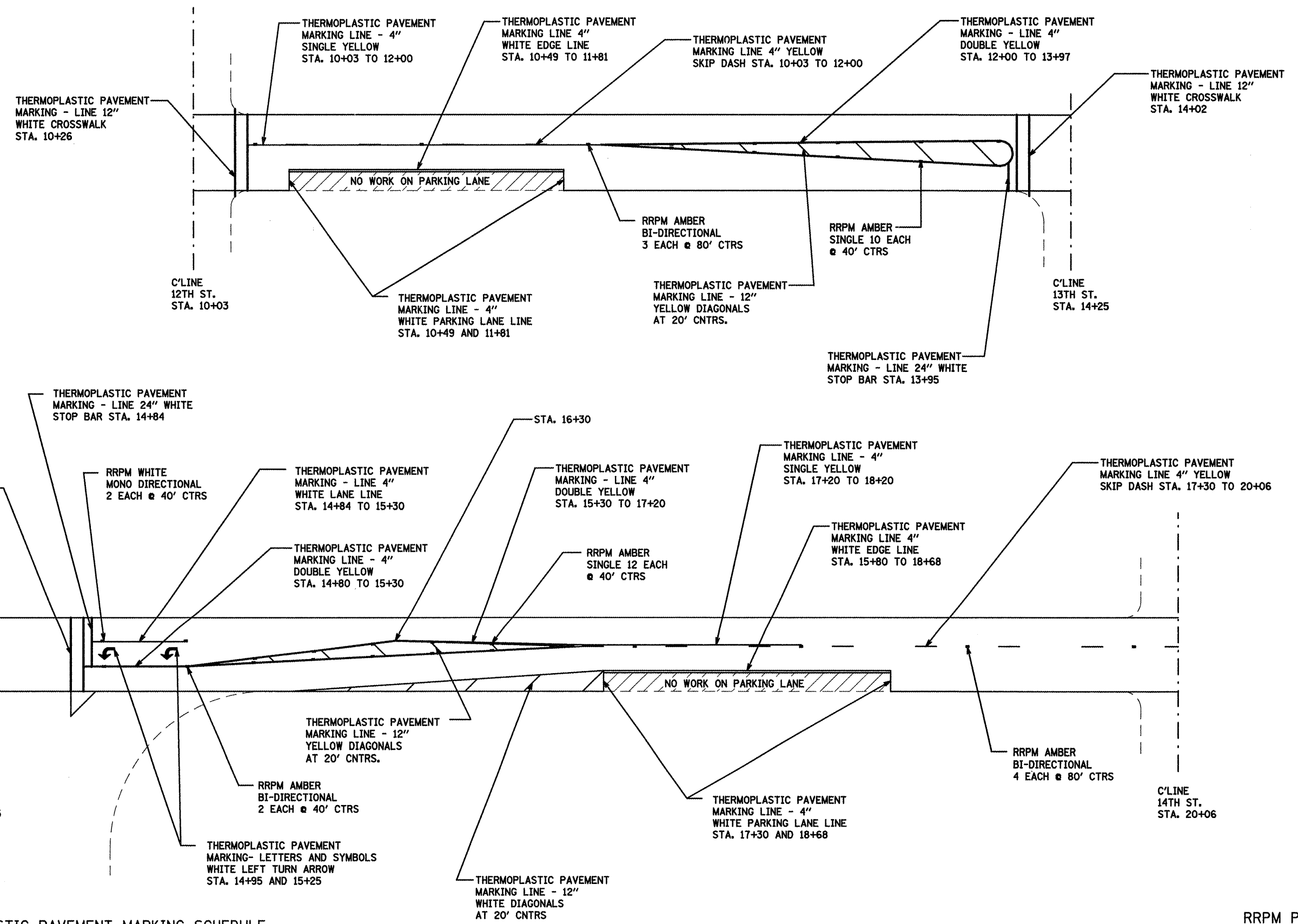
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	PLOT SCALE = 1/8" = 100'	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)

SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A. 828 / 9189	SECTION (Z-1RS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 18
CONTRACT NO. 76075			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS SQUARE FEET
	FEET	FEET	FEET	FEET	FEET	
10+03 TO 20+06	506	1928	270	88	37	31.2

NOT TO SCALE

RRPM PAGE TOTALS

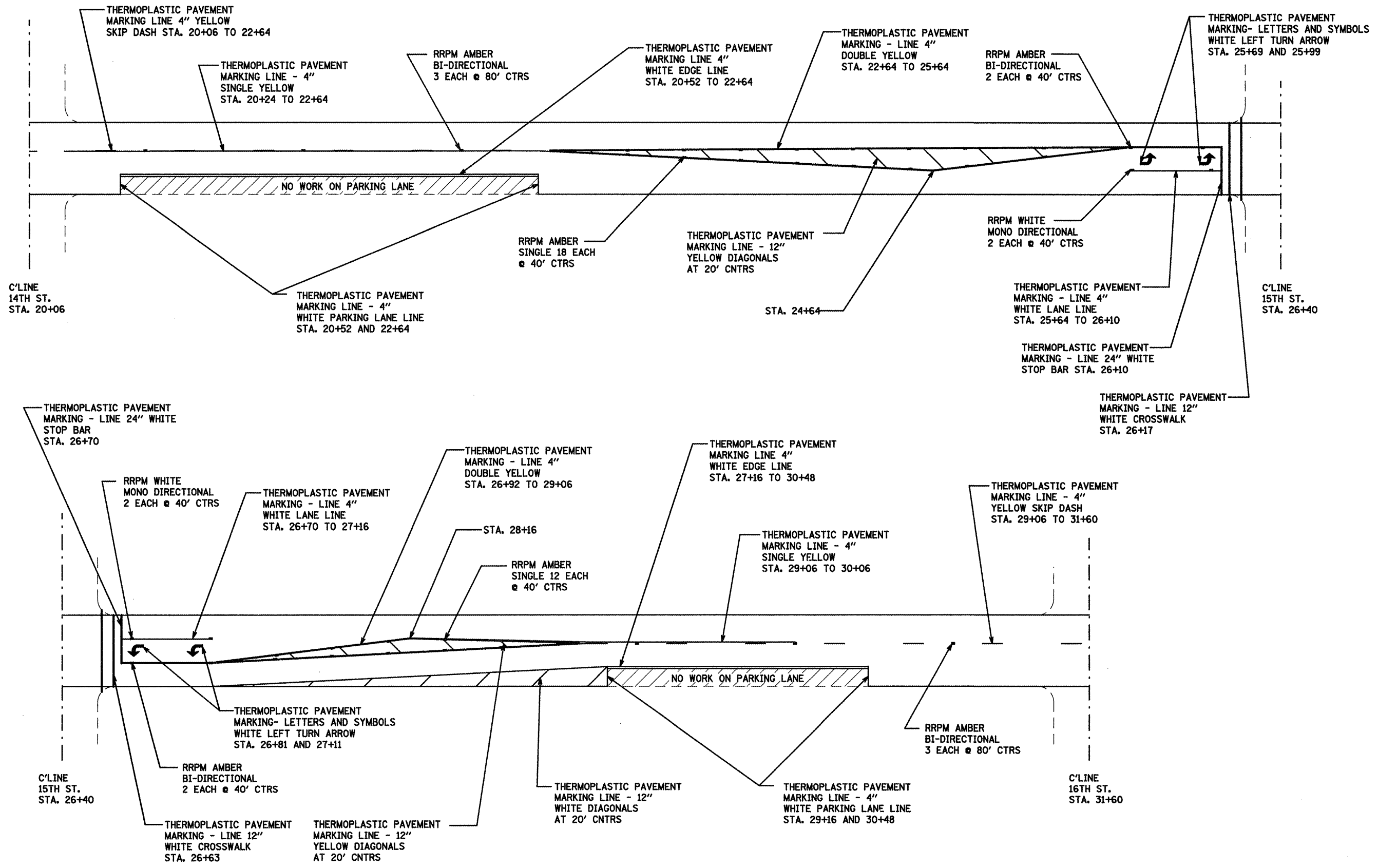
STA TO STA	WHITE	AMBER
	EACH	EACH
10+03 TO 20+06	2	31

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)	
SCALE:	SHEET NO. 2 OF 7 SHEETS
STA.	TO STA.

F.A. RTE. 9226 / 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 19
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	SQUARE FEET
20+06 TO 31+60	630	2463	156	78	48	62.4

NOT TO SCALE

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
20+06 TO 31+60	4	40

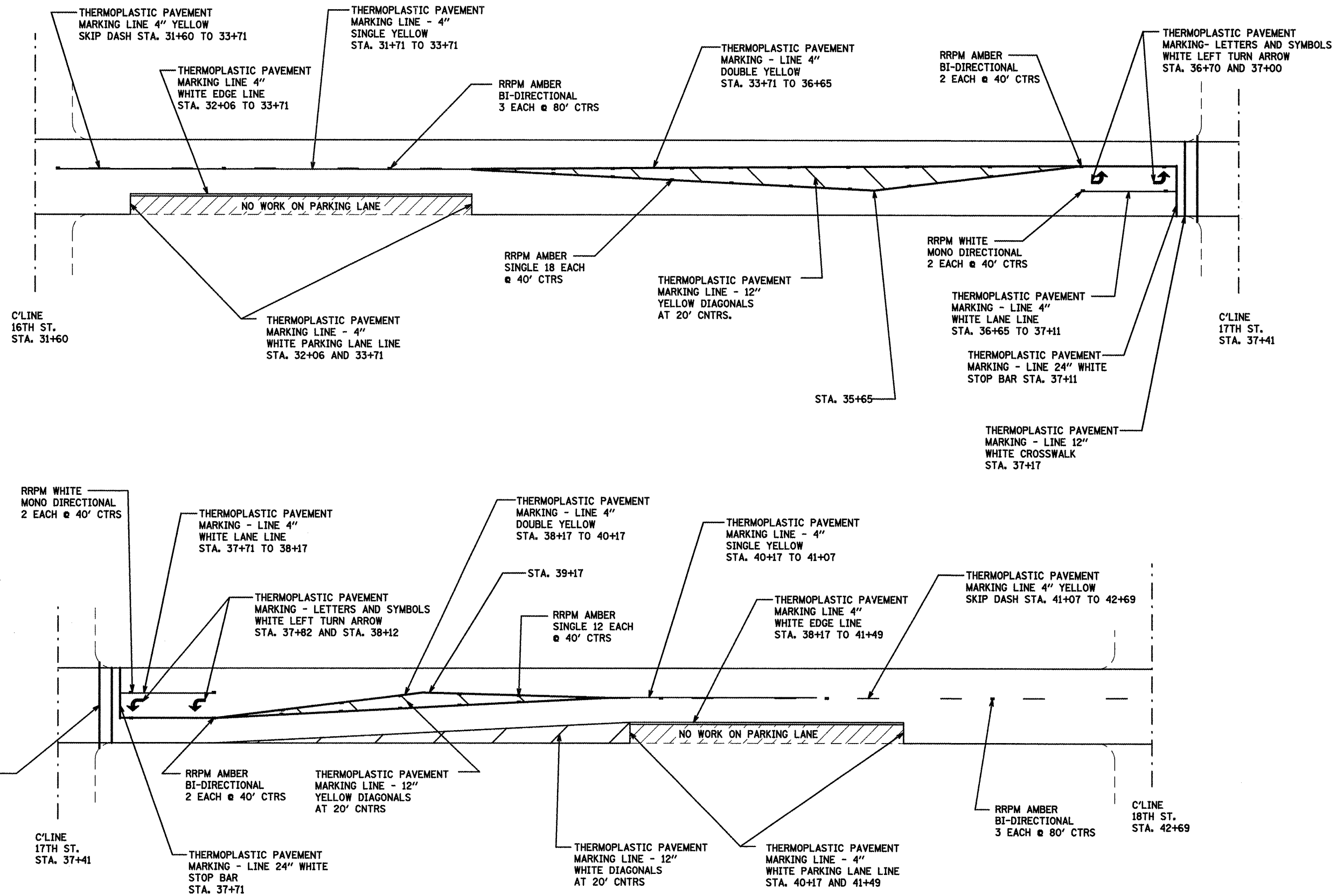
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A. 81E 9228 / 9189	SECTION (Z-1RS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 20
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE FEET	4" YELLOW FEET	12" WHITE FEET	12" YELLOW FEET	24" WHITE FEET	LETTERS AND SYMBOLS SQUARE FEET
31+60 TO 42+69	630	2661	211	78	48	62.4

NOT TO SCALE

RRPM PAGE TOTALS

STA TO STA	WHITE EACH	AMBER EACH
	31+60 TO 42+69	4

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)

SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A. RTE. 9228-9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 21
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING LINE 4" WHITE EDGE LINE STA. 43+15 TO 44+74

THERMOPLASTIC PAVEMENT MARKING LINE 4" YELLOW SKIP DASH STA. 42+69 TO 44+74

THERMOPLASTIC PAVEMENT MARKING LINE - 4" SINGLE YELLOW STA. 42+92 TO 44+74

RRPM AMBER BI-DIRECTIONAL 3 EACH @ 80' CTRS

THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW STA. 44+74 TO 47+74

RRPM AMBER BI-DIRECTIONAL 2 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS WHITE LEFT TURN ARROW STA. 47+79 AND STA. 48+09

C'LINE 18TH ST. STA. 42+69

THERMOPLASTIC PAVEMENT MARKING LINE - 4" WHITE PARKING LANE LINE STA. 43+15 AND 44+74

THERMOPLASTIC PAVEMENT MARKING LINE - 12" YELLOW DIAGONALS AT 20' CNTRS

RRPM AMBER SINGLE 18 EACH @ 40' CTRS

RRPM WHITE MONO DIRECTIONAL 2 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE LANE LINE STA. 47+74 TO 48+20

C'LINE 19TH ST. STA. 48+50

THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE STOP BAR STA. 48+20

THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSSWALK STA. 48+26

RRPM WHITE MONO DIRECTIONAL 2 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE LANE LINE STA. 48+80 TO 49+26

STA. 50+26

THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW STA. 49+26 TO 51+26

THERMOPLASTIC PAVEMENT MARKING LINE - 4" SINGLE YELLOW STA. 51+26 TO 52+16

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS WHITE LEFT TURN ARROW STA. 48+91 AND STA. 49+26

RRPM AMBER SINGLE 12 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT MARKING LINE 4" WHITE EDGE LINE STA. 49+26 TO 53+11

THERMOPLASTIC PAVEMENT MARKING LINE 4" YELLOW SKIP DASH STA. 52+16 TO 53+78

RRPM AMBER BI-DIRECTIONAL 3 EACH @ 80' CTRS

THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSSWALK STA. 48+72

RRPM AMBER BI-DIRECTIONAL 2 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT MARKING LINE - 12" YELLOW DIAGONALS AT 20' CNTRS

THERMOPLASTIC PAVEMENT MARKING LINE - 12" WHITE DIAGONALS AT 20' CNTRS

THERMOPLASTIC PAVEMENT MARKING LINE - 4" WHITE PARKING LANE LINE STA. 51+26 AND 53+11

C'LINE 20TH ST. STA. 53+78

THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE STOP BAR STA. 48+80

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	
42+69 TO 53+78	676	2467	211	78	48	62.4

NOT TO SCALE

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
42+69 TO 53+78	4	40

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEWS (LOCATION #1)

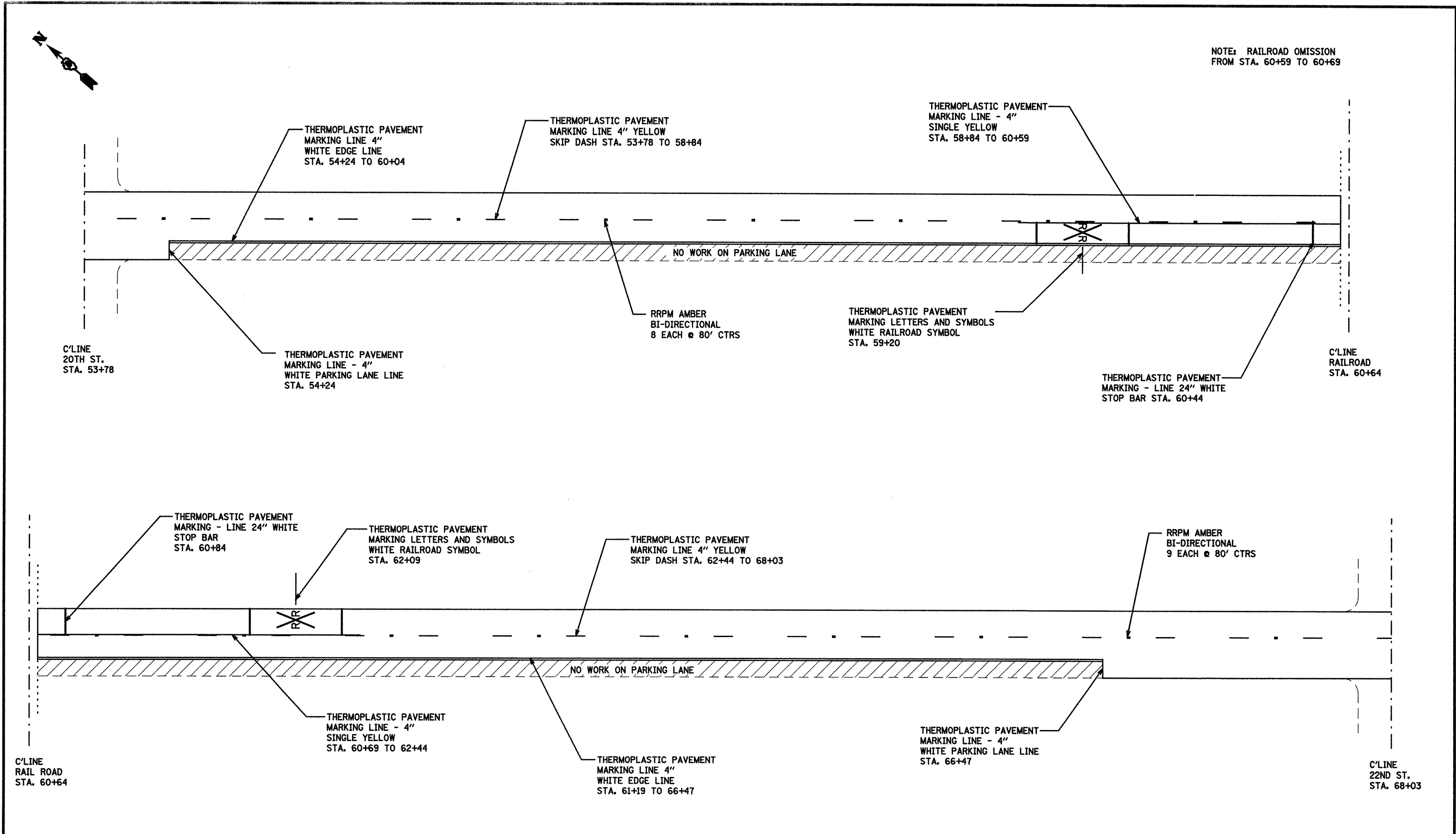
SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A. 9226-7-9189

SECTION (Z-1RS-2, 29RS-6)
COUNTY ST. CLAIR
TOTAL SHEETS 33
SHEET NO. 22

CONTRACT NO. 76D75
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

NOTE: RAILROAD OMISSION
FROM STA. 60+59 TO 60+69



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	SQUARE FEET
53+78 TO 68+03	1148	140	-	-	82	122.4

NOT TO SCALE

RRPM PAGE TOTALS

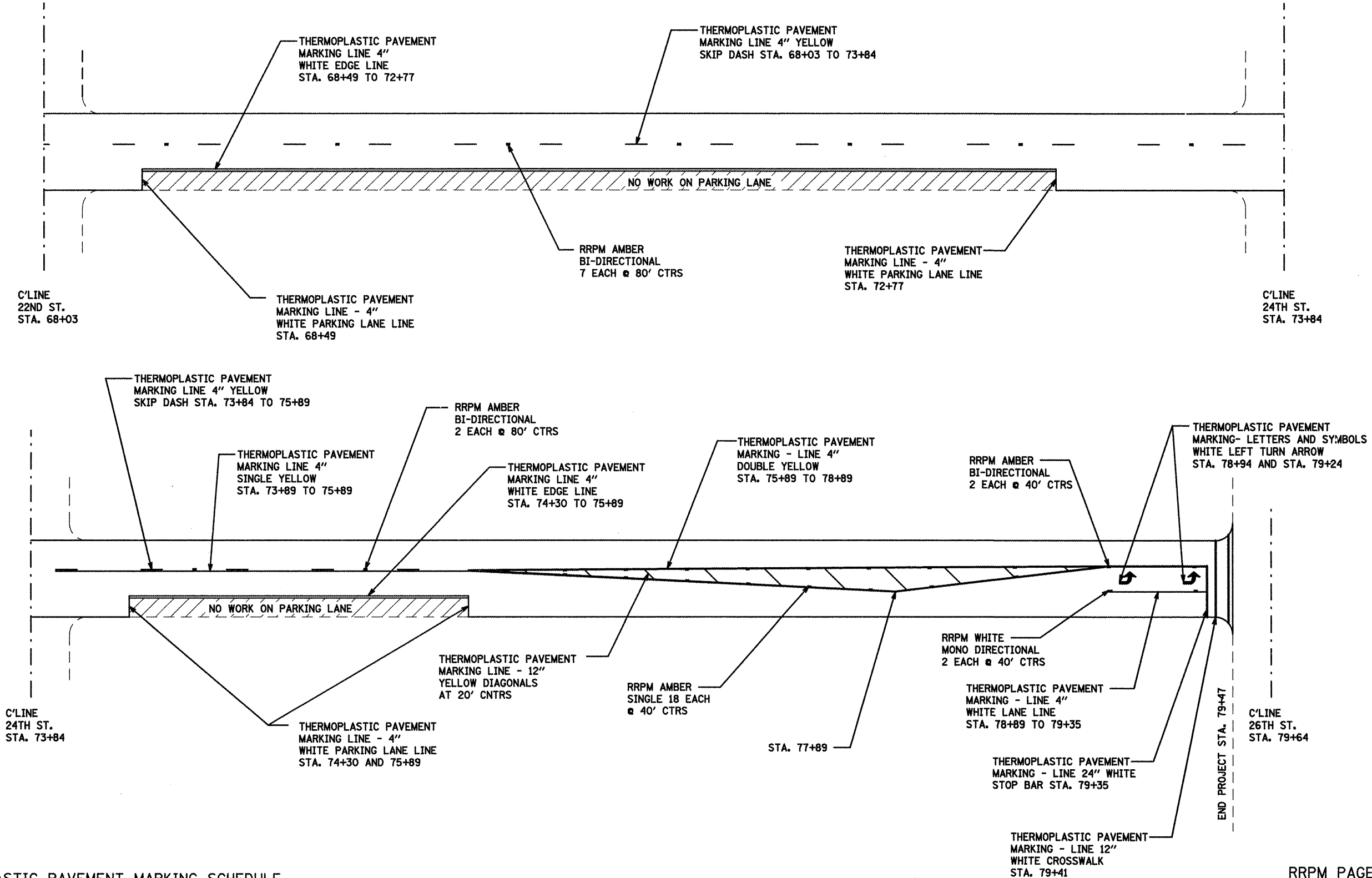
STA TO STA	WHITE	AMBER
	EACH	EACH
53+78 TO 68+03	-	17

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	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)	
SCALE:	SHEET NO. 6 OF 7 SHEETS
STA.	TO STA.

F.A. RTE. 9228 / 9189	SECTION (Z-1RS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 23
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE FEET	4" YELLOW FEET	12" WHITE FEET	12" YELLOW FEET	24" WHITE FEET	LETTERS AND SYMBOLS SQUARE FEET
68+03 TO 79+64	673	1685	78	80	24	31.2

NOT TO SCALE

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
68+03 TO 79+64	2	29

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #1)	
SCALE:	TO STA.
SHEET NO. 7 OF 7 SHEETS	

F.A. RTE. 9228-9189	SECTION (Z-URS-2, 29RS-6)	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 24
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



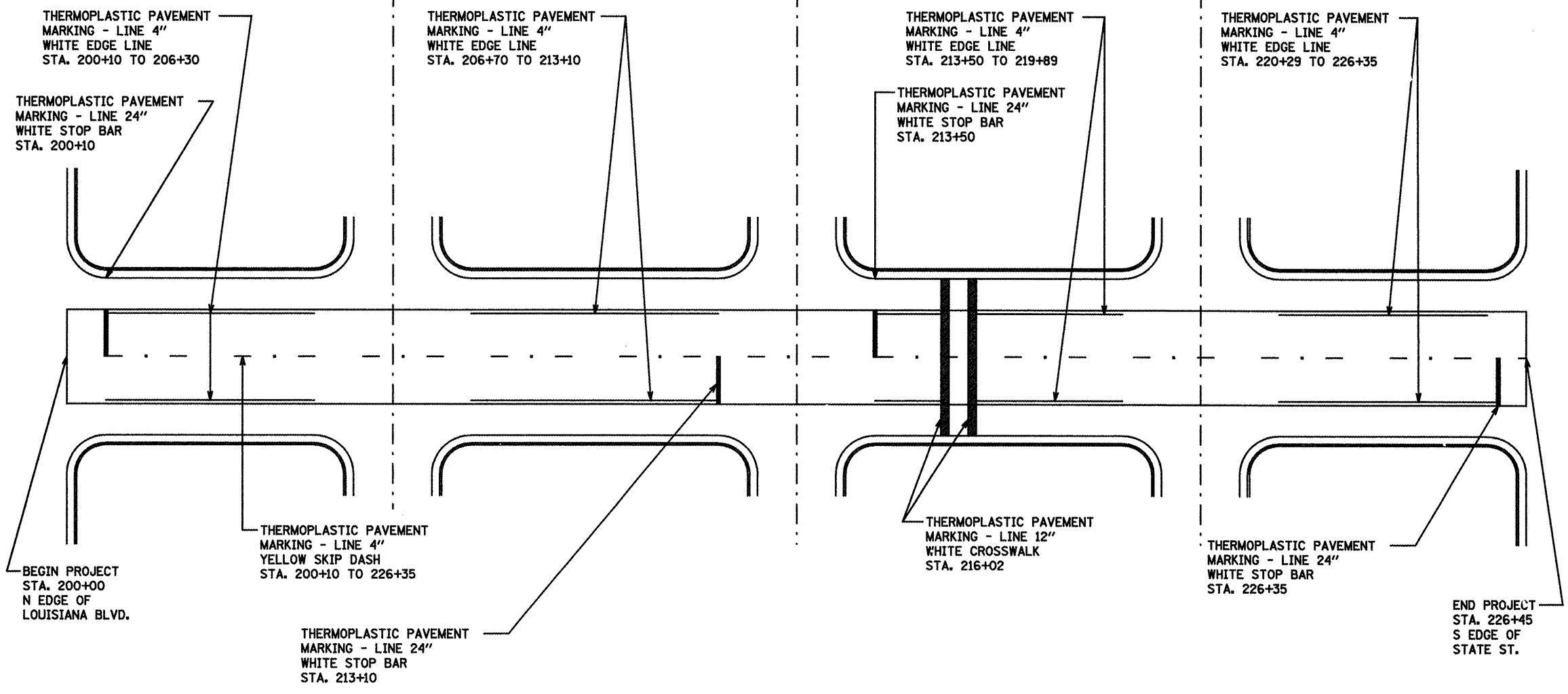
C/LINE
LOUISIANA BLVD.

C/LINE
BELLEVUE AVE.
STA 206+50

C/LINE
RIDGE AVE.
STA 213+30

C/LINE
HENRIETTA AVE.
STA 220+09

C/LINE
STATE ST.



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

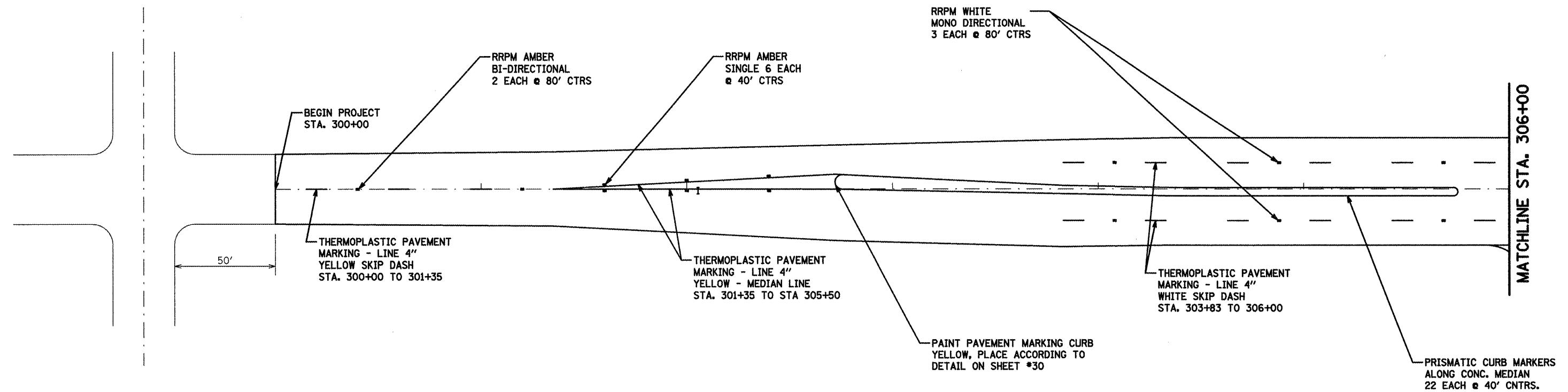
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200+00 TO 226+45	5010	661	80	80

NOT TO SCALE

RRPM PAGE TOTALS

STA TO STA	AMBER EACH
200+00 TO 226+45	33

NOTE: SEE STANDARD 781001-03 FOR DETAILS



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	24" WHITE
	FEET	FEET	FEET	FEET
300+00 TO 306+00	120	1150	-	-

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
300+00 TO 306+00	6	8

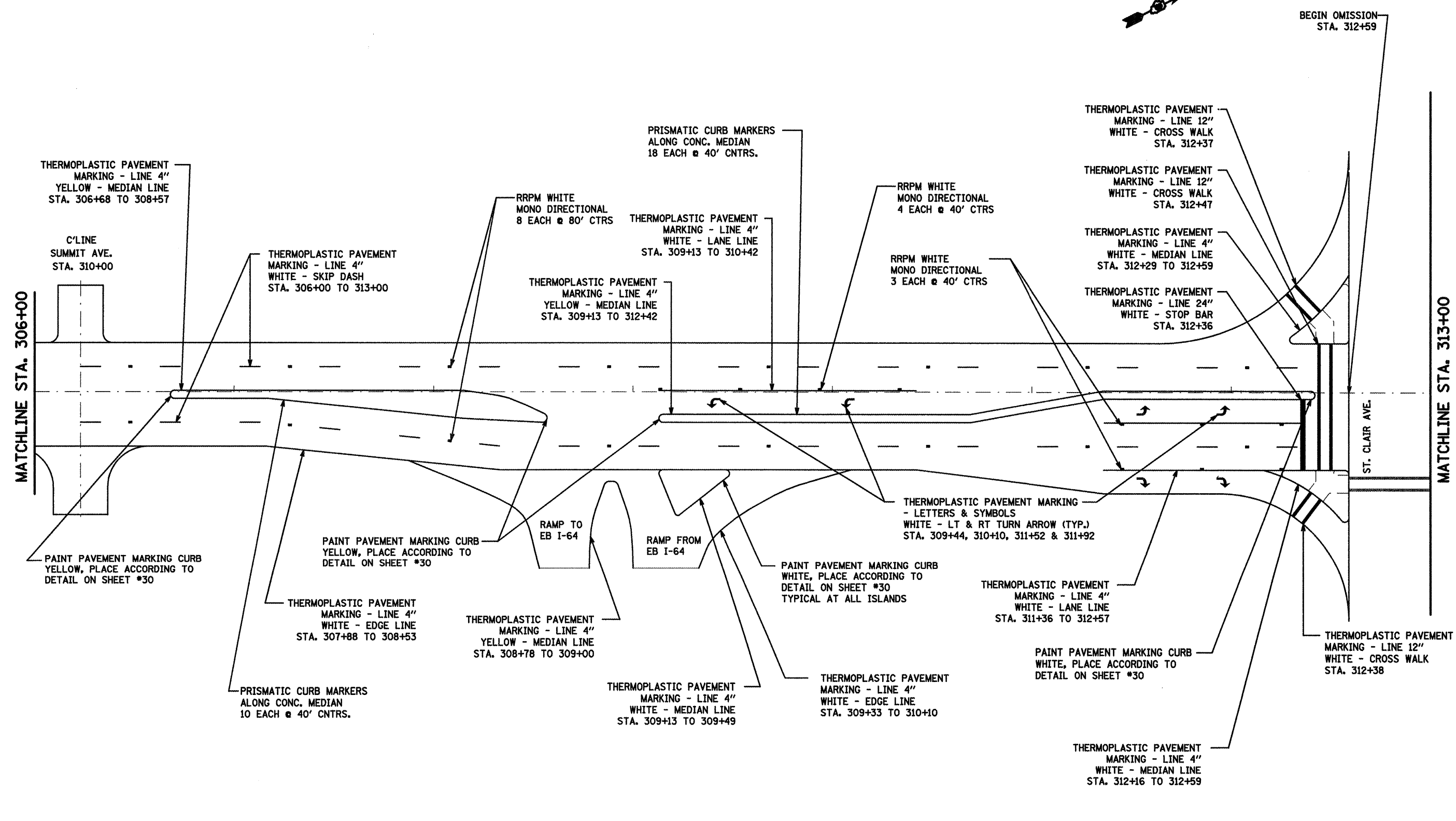
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #3)	
SCALE:	TO STA.
SHEET NO. 1 OF 4 SHEETS	STA. TO STA.

F.A. RTE. 9228 / 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 26
CONTRACT NO. T6D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE FEET	4" YELLOW FEET	12" WHITE FEET	12" YELLOW FEET	24" WHITE FEET	LETTERS AND SYMBOLS SQUARE FEET
306+00 TO 313+00	1143	1049	194	-	36	93.6

NOT TO SCALE

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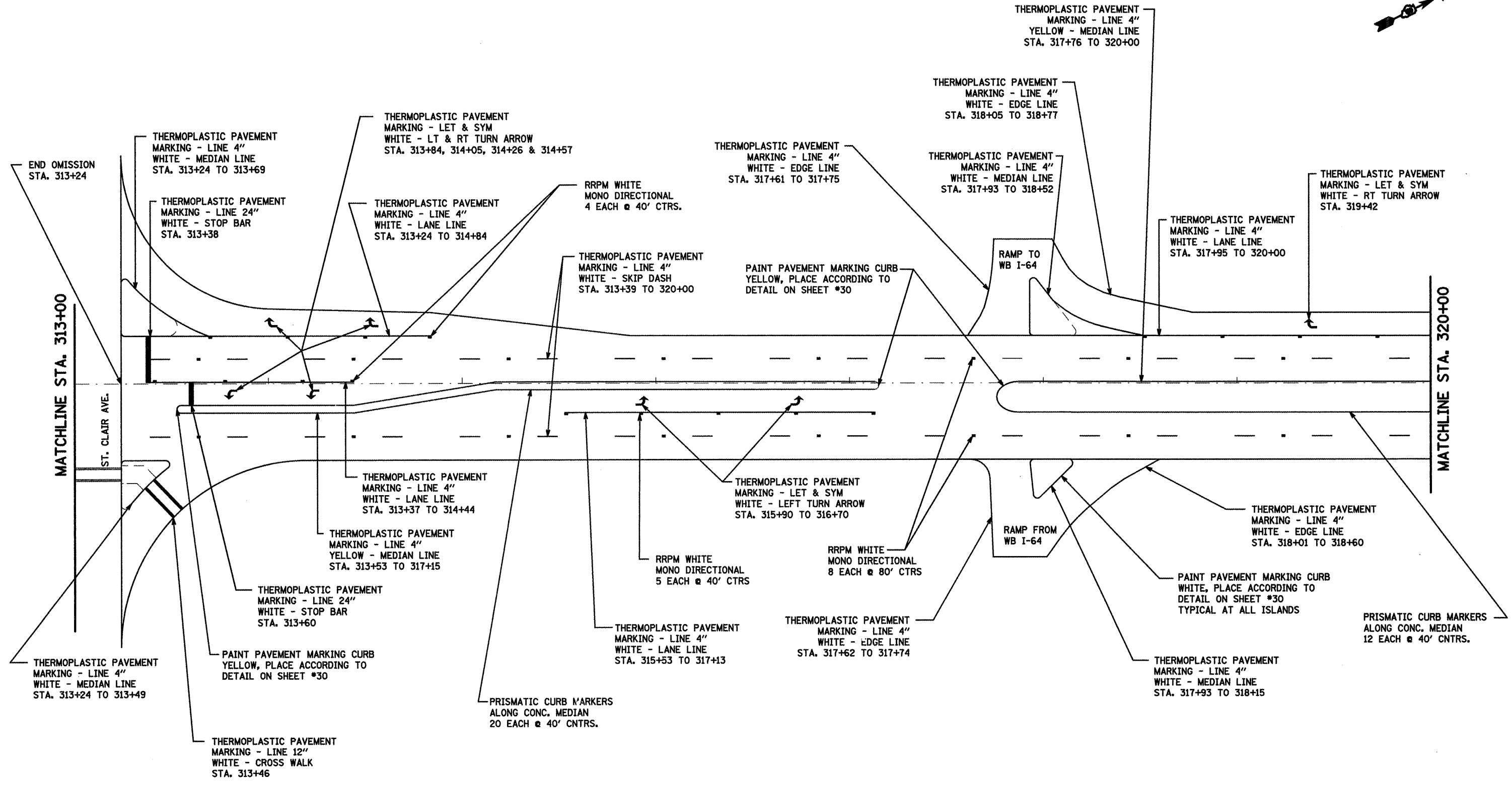
STA TO STA	WHITE	AMBER
	EACH	EACH
306+00 TO 313+00	26	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEWS (LOCATION #3)	
SCALE:	SHEET NO. 2 OF 4 SHEETS
STA.	TO STA.

F.A. B.T.E. 9226 / 9189	SECTION G-1RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 27
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	SQUARE FEET
313+00 TO 320+00	1558	1039	42	-	36	109.2

NOT TO SCALE

RRPM PAGE TOTALS

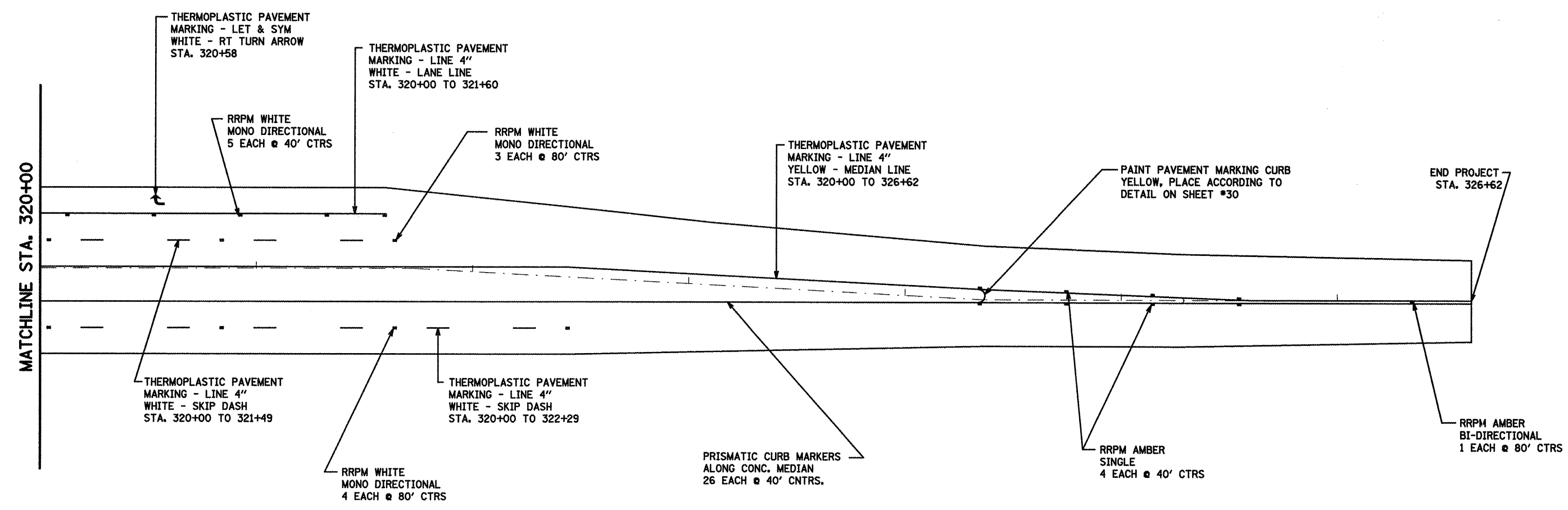
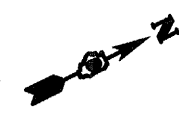
STA TO STA	WHITE	AMBER
	EACH	EACH
313+00 TO 320+00	29	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEWS (LOCATION #3)	
SCALE:	SHEET NO. 3 OF 4 SHEETS
STA.	TO STA.

F.A. RTE. 9228 / 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 28
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING SCHEDULE

STA TO STA	4" WHITE	4" YELLOW	12" WHITE	12" YELLOW	24" WHITE	LETTERS AND SYMBOLS
	FEET	FEET	FEET	FEET	FEET	SQUARE FEET
320+00 TO 326+62	260	1324	-	-	-	15.6

RRPM PAGE TOTALS

STA TO STA	WHITE	AMBER
	EACH	EACH
320+00 TO 326+62	12	9

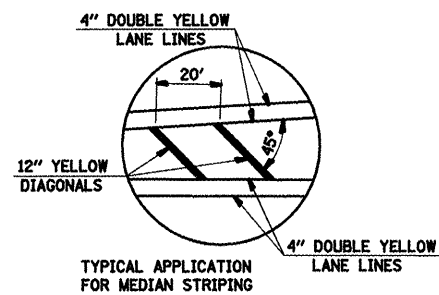
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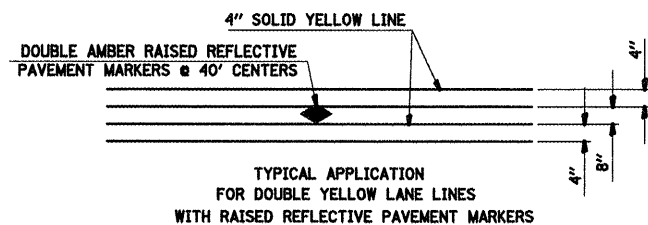
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.

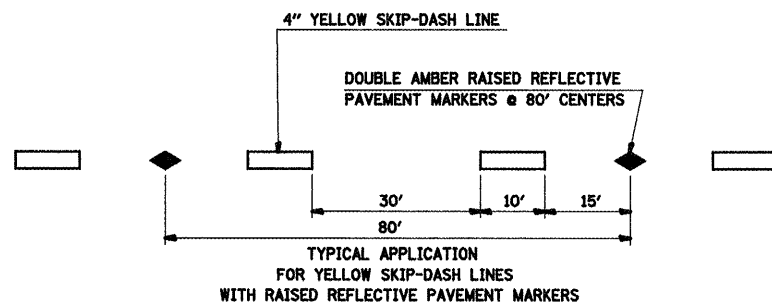
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CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



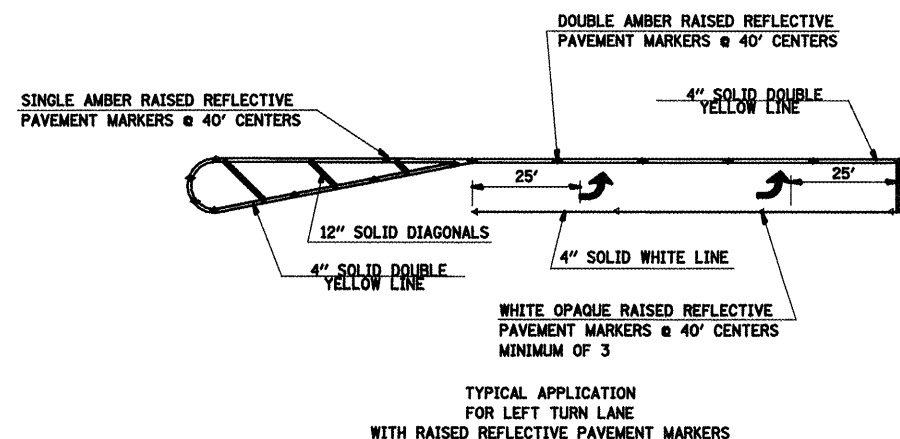
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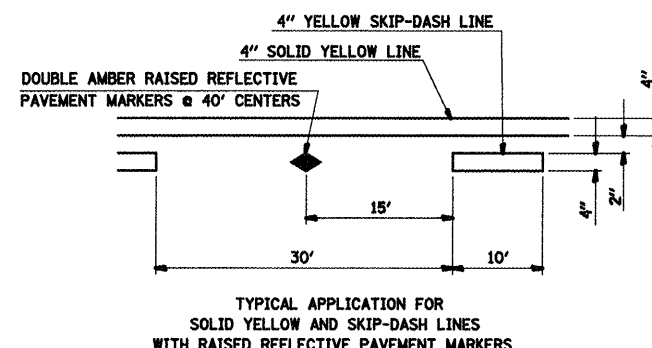
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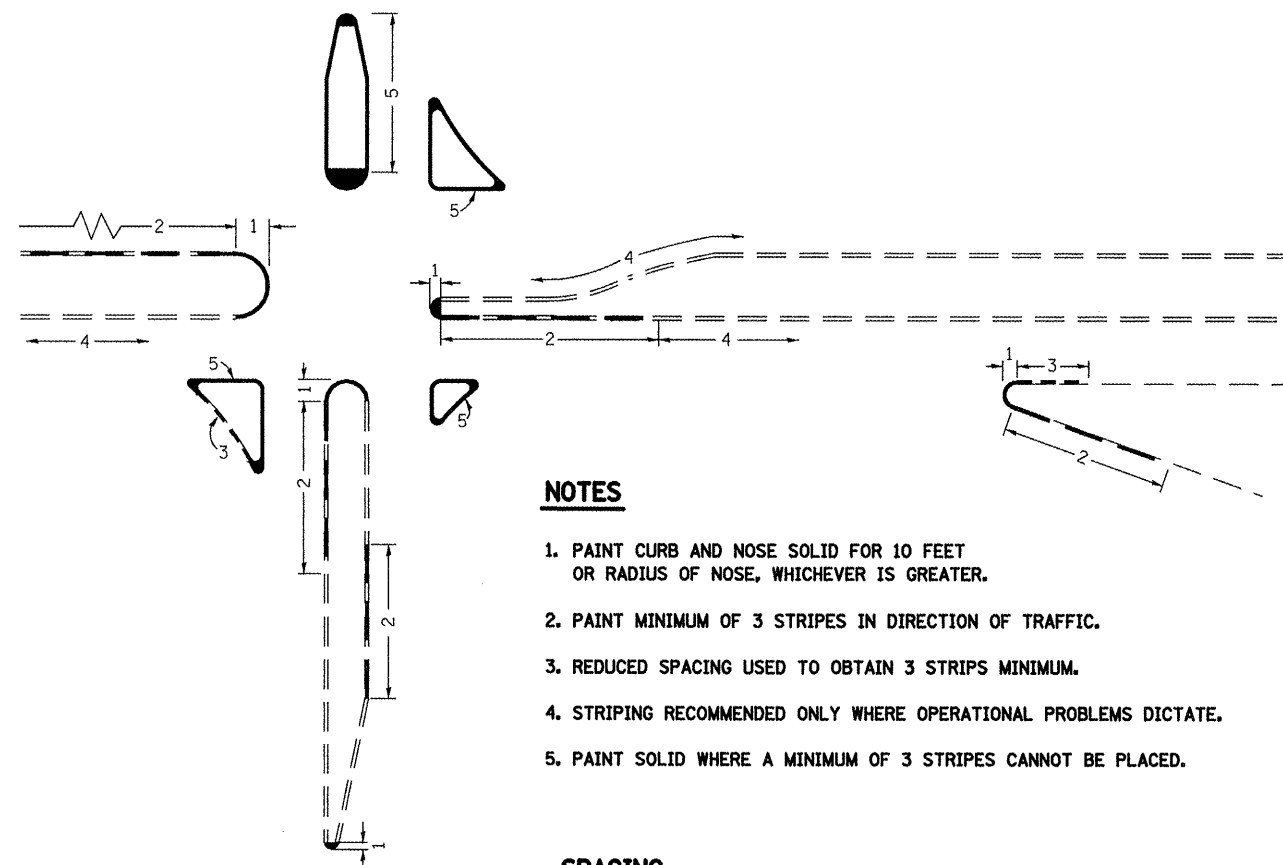
DETAIL 'C'



DETAIL 'E'



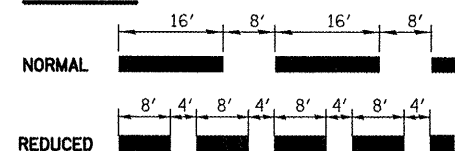
DETAIL 'D'



NOTES

1. PAINT CURB AND NOSE SOLID FOR 10 FEET OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPS MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

SPACING



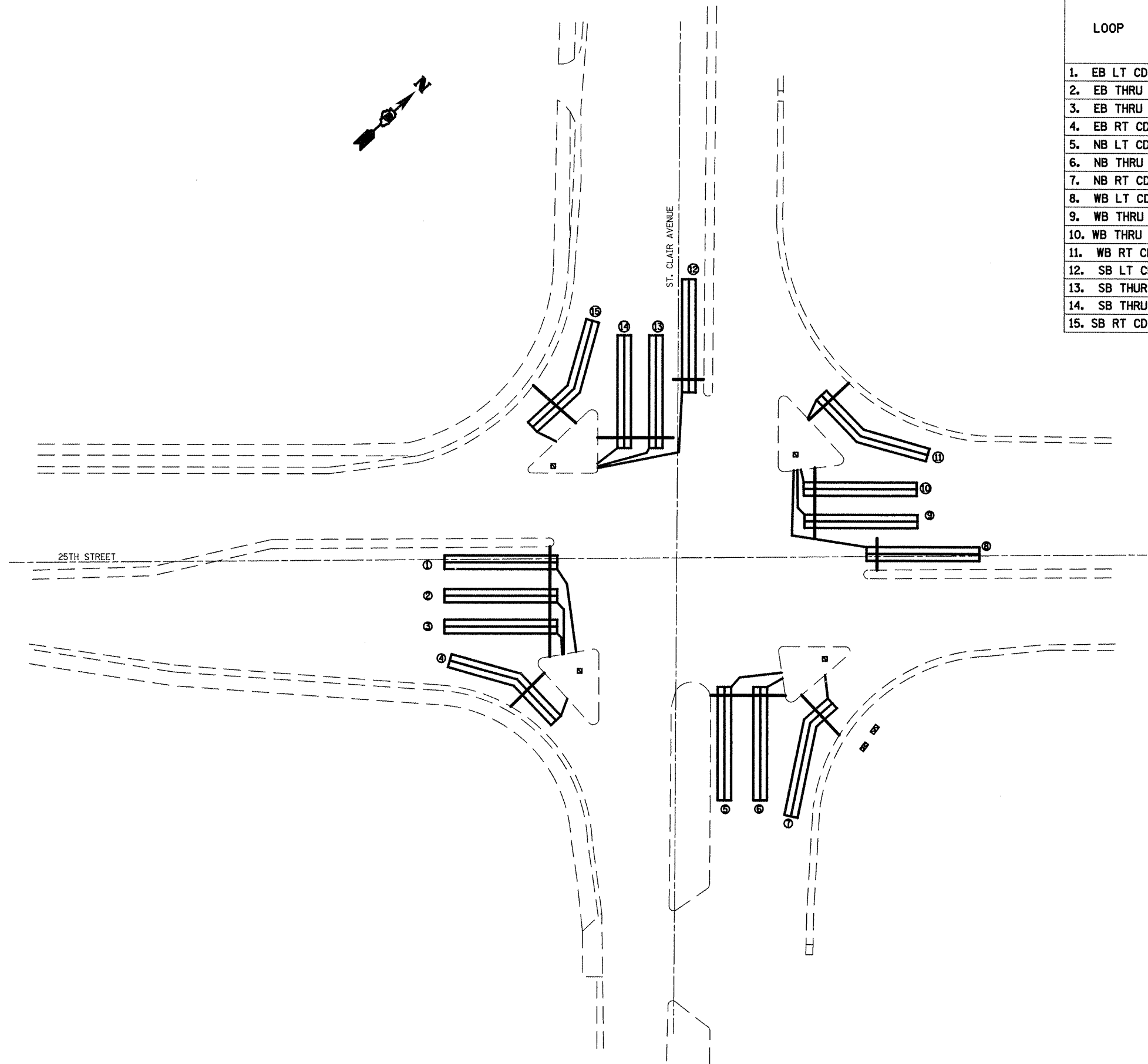
CURB MARKING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9228 / 9189	12-1RS-2, 29RS-6	ST. CLAIR	33	30
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



LOOP	PHASE (Φ)	LOOP SIZE (FTXFT)	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)	REQUIRED # OF TURNS
1. EB LT CD	1	6 X 50 Q	802.7	2.0	3-6-3
2. EB THRU CD A	6	6 X 50 Q	796.6	1.8	3-6-3
3. EB THRU CD B	6	6 X 50 Q	790.4	1.7	3-6-3
4. EB RT CD	6	6 X 50 Q	789.5	1.7	3-6-3
5. NB LT CD	4	6 X 50 Q	797.0	1.8	3-6-3
6. NB THRU CD	4	6 X 50 Q	792.6	1.7	3-6-3
7. NB RT CD	4	6 X 50 Q	790.6	1.7	3-6-3
8. WB LT CD	5	6 X 50 Q	813.5	2.2	3-6-3
9. WB THRU CD A	2	6 X 50 Q	795.2	1.8	3-6-3
10. WB THRU CD B	2	6 X 50 Q	788.4	1.6	3-6-3
11. WB RT CD	2	6 X 50 Q	790.2	1.7	3-6-3
12. SB LT CD	3	6 X 50 Q	813.9	2.2	3-6-3
13. SB THRU CD A	3	6 X 50 Q	797.0	1.8	3-6-3
14. SB THRU CD B	3	6 X 50 Q	791.1	1.7	3-6-3
15. SB RT CD	3	6 X 50 Q	790.2	1.7	3-6-3

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELECTRICAL DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. BTE 9228 / 9189	SECTION Z-1RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 31
CONTRACT NO. 76075				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

	ITEM	UNIT	TOTAL	25TH STREET
			QUANTITIES	
80306100	LOCATING UNDERGROUND CABLE	FOOT	75	75
88090600	DETECTOR LOOP REPLACEMENT	FOOT	3105	3105

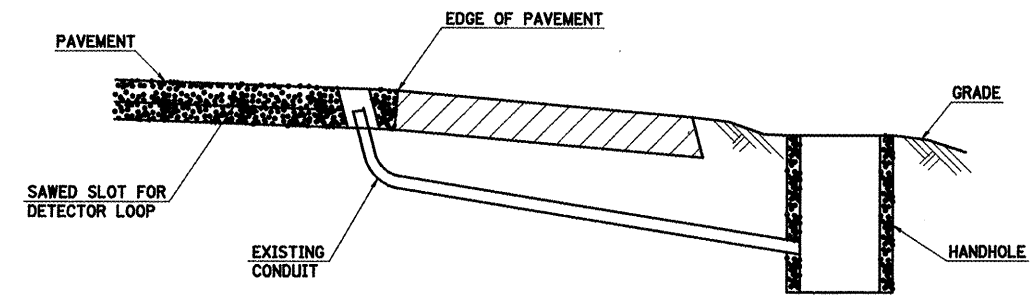
NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "ELECTRICAL DETAIL" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

TRAFFIC SIGNALS LEGEND

EVPS	EMERGENCY VEHICLE PRIORITY SYSTEM
GSC	GALVANIZED STEEL CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
UD	UNIT-DUCT
○	EXISTING SIGNAL POST
○	EXISTING SIGNAL POST WITH BACKPLATE
⌋	EXISTING TRAFFIC SIGNAL MAST ARM
■	EXISTING HANDHOLE
■	EXISTING DOUBLE HANDHOLE
■	EXISTING HEAVY DUTY HANDHOLE
■	EXISTING DETECTOR LOOP
■	EXISTING CONTROLLER
⌋	EXISTING STREET NAME SIGN/TRAFFIC SIGN
□	EXISTING ILLUMINATED SIGN
⌋	EXISTING SERVICE INSTALLATION
△	EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
○	EXISTING (E.V.P.S.) CONFIRMATION BEACON
○	EXISTING SIGNAL HEAD, PEDESTRIAN
○	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
⌋	EXISTING GALVANIZED STEEL CONDUIT
⌋	PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
△	PROPOSED EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
○	PROPOSED (E.V.P.S.) CONFIRMATION BEACON
■	PROPOSED HANDHOLE
■	PROPOSED DOUBLE HANDHOLE
■	PROPOSED HEAVY DUTY HANDHOLE
■	PROPOSED DETECTOR LOOP
■	PROPOSED CONTROLLER
○	PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
○	PROPOSED SIGNAL HEAD, PEDESTRIAN
⌋	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
⌋	PROPOSED STREET NAME SIGN/TRAFFIC SIGN
□	PROPOSED ILLUMINATED SIGN
⌋	PROPOSED SERVICE INSTALLATION
○	PROPOSED SIGNAL POST
○	PROPOSED SIGNAL POST WITH BACKPLATE



**DETAIL
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT**

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

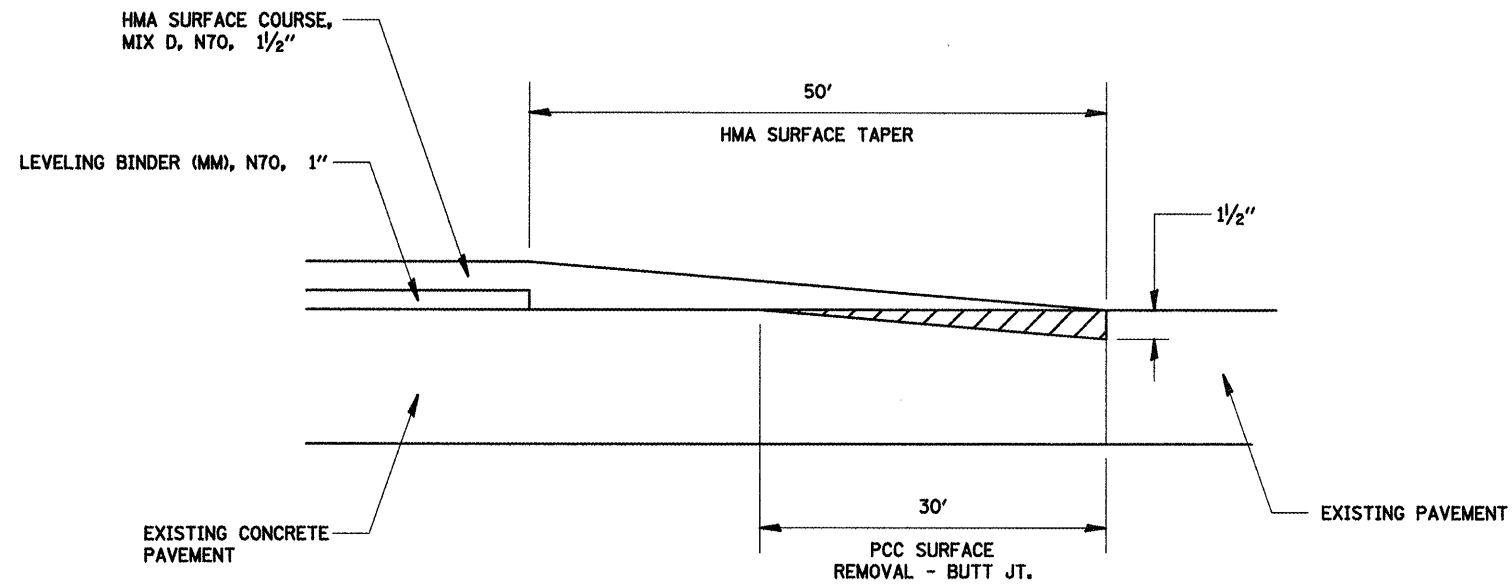
NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP, TYPE I"

FILE NAME =	USER NAME = wotersle	DESIGNED -	REVISED -
ca:\pwwork\VPWIDOT\WATERSLE\d0174384\d08	6d75-ah-plant.dgn	DRAWN -	REVISED -
	PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

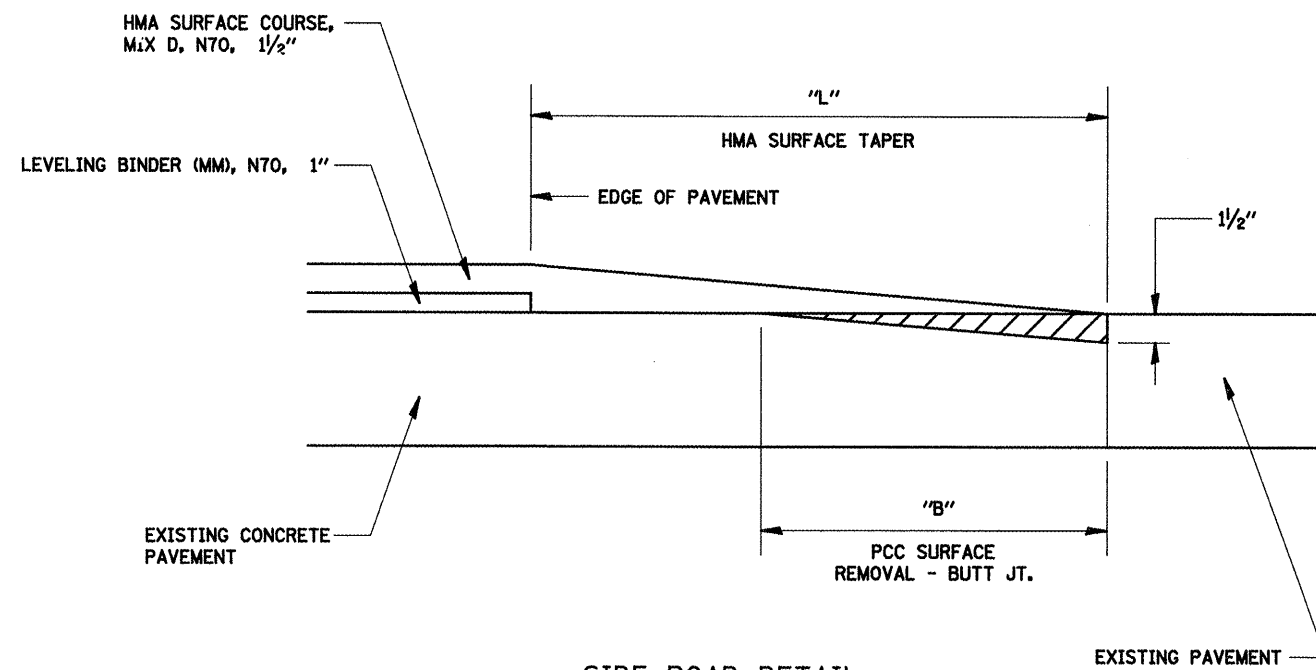
ELECTRICAL DETAILS	
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

F.A. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9228 / 9189	CZ-URS-2, 29RS-6	ST. CLAIR	33	32
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



**BUTT JOINT DETAIL
AT LOCATION #3**

STA. 300+00
STA. 312+59
STA. 313+24
STA. 326+62



**SIDE ROAD DETAIL
AT LOCATION #3**

SIDEROAD	STA.	RT/LT	" L "	" B "
SUMMIT AVE.	306+23	LT	28.5'	28.5'
SUMMIT AVE.	306+23	RT	34.5'	30'
RAMP TO I-64 EB	308+73	RT	50'	30'
RAMP FROM I-64 EB	309+13	RT	50'	30'
RAMP TO I-64 WB	317+93	LT	50'	30'
RAMP FROM I-64 WB	317+93	RT	50'	30'

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -
c:\pwwork\pwwork\WATERSLE\d0174384\d8	6d75-shr-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 9228 / 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 33
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				