



## INDEX OF SHEETS

## STATE STANDARDS

## GENERAL NOTES

**SHEET NO.**

**DESCRIPTION**

**STANDARD NO.**

**DESCRIPTION**

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
3. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS AREA TRAFFIC FIELD TECHNICIAN, AT PATRICE.HARRIS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
4. ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
7. MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. OLD SEALANTS REMOVED PRIOR TO ROUTING SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. ALL CRACK ROUTING & CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
9. MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER CRACK AND JOINT TEMPERATURES HAVE COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF MODIFIED URETHANE PAVEMENT MARKING.
10. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS AND RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN THE FIELD.
11. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE
12. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
13. ALL PAVEMENT PATCHING LOCATIONS SHALL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
15. PAVEMENT MARKING TAPE TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKING ON ALL FINAL SURFACES.
16. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT STANDARDS AS NOTED IN THE DETAIL.
17. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

1	TITLE SHEET	000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
2-3	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	442101-09	CLASS B PATCHES
4-5	SUMMARY OF QUANTITIES	442201-04	CLASS C AND D PATCHES
6-9	TYPICAL SECTIONS	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
10-17	PROPOSED PLANS AND PAVEMENT MARKING PLANS	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
18-32	MAINTENENCE OF TRAFFIC	701501-06	LANE CLOSURE, 2L, 2W, UNDIVIDED
33-34	DETECTOR LOOP REPLACEMENT PLANS	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >45MPH
35	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	701701-10	URBAN LANE CLOSURE, MULTILANE, INTERSECTIONS
36	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
37	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701901-11	TRAFFIC CONTOL DEVICES
38	CRACK AND JOINT SEALING DETAIL (PD-11)	780001-05	TYPICAL PAVEMENT MARKINGS
39	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
40	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS SNOW-PLOW RESISTANT(TC-11)		
41	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)		
42	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)		
43	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)		
44	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)		
45	ARTERIAL ROAD INFORMATION SIGN (TC-22)		
46	DRIVEWAY ENTRANCE SIGNING (TC-26)		

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	DRAWN -	REVISED -			344A	FAP 0344 A 23 C&J	COOK	46	2				CONTRACT NO. 62V45				
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**GENERAL NOTES CONTINUED**

- 18. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURE, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORK DAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CANT BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND /OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
  
- 19. CHANGEABLE MESSEGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.
  
- 20. TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.
  
- 21. PAVEMENT MARKING TAPE TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	3
CONTRACT NO. 62V45				
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	SIGNAL				
				80% FED 20% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0021				
20200100	EARTH EXCAVATION	CU YD	13	13					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	65	65					
25200110	SODDING, SALT TOLERANT	SQ YD	65	65					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5783	5783					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5116	5116					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13	13					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	81	81					
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	960	960					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	840	840					
42001300	PROTECTIVE COAT	SQ YD	44	44					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	8567	8567					
44201003	CLASS B PATCHES, TYPE I, 13 INCH	SQ YD	25	25					
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	199	199					
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	273	273					
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	495	495					
44201299	DOWEL BARS 1 1/2"	EACH	608	608					
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	10	10					
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	95	95					
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	94	94					
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	518	518					
44213198	TIE BARS 1/2"	EACH	528	528					
44213200	SAW CUTS	FOOT	5000	5000					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	SIGNAL				
				80% FED 20% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0021				
45100100	CRACK ROUTING (PAVEMENT)	FOOT	99809	99809					
45100200	CRACK FILLING	POUND	28515	28515					
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	21082	21082					
45200300	JOINT OR CRACK FILLING	POUND	6023	6023					
60260100	INLETS TO BE ADJUSTED	EACH	9	9					
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	13	13					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1					
67100100	MOBILIZATION	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					
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1	1					
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	802	802					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	6	6					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10197	10197					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	850	850					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	376	376					

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62V45	

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	SIGNAL				
					80% FED 20% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0021					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	2572	2572						
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	414	414						
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	2458	2458						
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	17351	17351						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	188	188						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1286	1286						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	207	207						
* 78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7"	FOOT	1740	1740						
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1716	1716						
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	14783	14783						
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	8390	8390						
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1239	1239						
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2528	2528						
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1445	1445						
* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	1089	1089						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	130	130						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	130	130						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	48	48						
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	10	10						
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	280	280						
X4421003	PARTIAL DEPTH PATCHING (SPECIAL)	EACH	3		3					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1						

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	SIGNAL				
					80% FED 20% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0021					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	114	114						
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	327		327					
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1					
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2	2						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						

\* SPECIALTY ITEM

NON-PART 100% STATE

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DEPARTMENT OF TRANSPORTATION

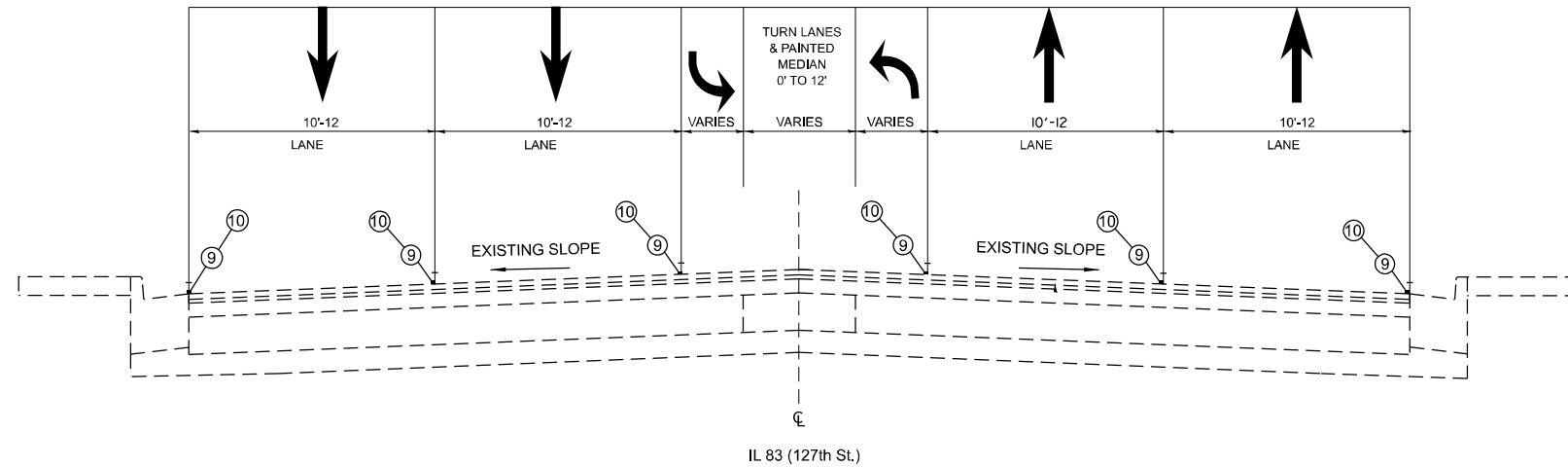
SUMMARY OF QUANTITIES  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	5
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				







**EXISTING TYPICAL SECTION**

PROPOSED CRACK AND JOINT SEALING

STA. 61+60 TO STA. 74+00

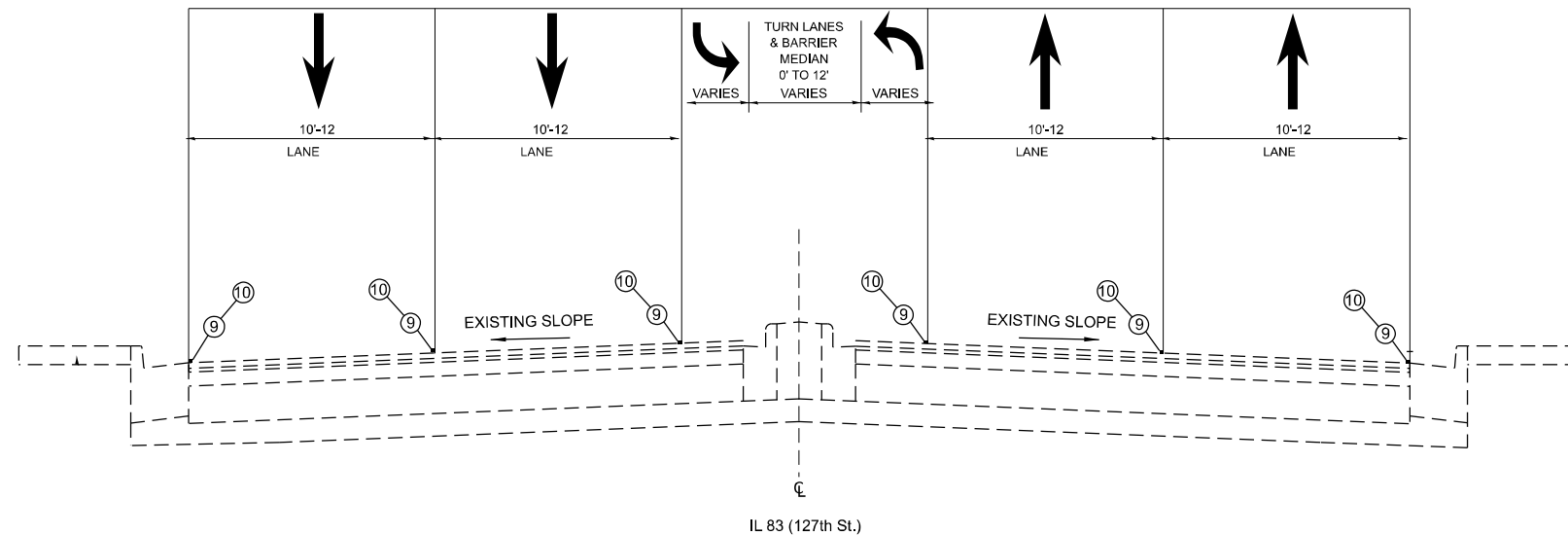
STA. 89+52 TO STA. 94+00

STA. 96+52 TO STA. 99+00

STA. 109+72 TO STA. 119+36

STA. 135+00 TO STA. 166+76

STA. 183+15 TO STA. 188+46



**EXISTING TYPICAL SECTION**

PROPOSED CRACK AND JOINT SEALING

STA. 94+00 TO STA. 96+52

STA. 119 + 36 TO STA.134+53

**LEGEND**

- ① EXISTING HMA SURFACE COURSE., 61/4"
- ② EXISTING P.C.C. PAVEMENT, 10"
- ③ EXISTING SIDEWALK
- ④ EXISTING CURB AND GUTTER
- ⑤ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑥ EXIST. CONC. MEDIAN
- ⑦ HOT MIX ASPHALT SURFACE REMOVAL 3 3/4"
- ⑧ PROPOSED MILLING EXISTING CONCRETE MEDIAN 3 3/4"
- ⑨ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑩ PROPOSED CRACK FILLING
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, IL-9.5, MIX "F", N80 1-3/4"
- ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 2"

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION  
127TH ST ( CAL SAG CHANNEL TO ARTESIAN AVE)**

SCALE: SHEET OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	8
CONTRACT NO. 62V45			ILLINOIS FED. AID PROJECT	



**PROPOSED THERMOPLASTIC-PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW LINE (TYP.)
- ② 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ③ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ④ 6" SOLID WHITE TURN LANE (TYP.)
- ⑤ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑥ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

**PROPOSED MODIFIED URETHANE PAVEMENT MARKING LEGEND**

- ⑦ 4" SOLID YELLOW CENTERLINE (TYP.)
- ⑧ 4" DOUBLE YELLOW CENTERLINE @ 11"C-C (TYP)
- ⑨ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑩ 4" SKIP DASH YELLOW LINE @30'SKIP & 10'DASH(TYP.)
- ⑪ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑫ 6" SOLID WHITE TURN LINE (TYP.)
- ⑬ 6" CROSSWALK @ 6' C-C (TYP.)
- ⑭ 8" SOLID WHITE GORE MARKING & CHANNELIZING LINES (TYP.)
- ⑮ 8" WHITE SKIP DASH LINE @ 3' DASH & 9' GAP (TYP.)
- ⑯ 8" SOLID WHITE LINE (TYP.)
- ⑰ 12" CROSSWALK @ 90 DEGREE , 2' C-C,WHITE(TYP.)
- ⑱ 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)
- ⑲ 24" SOLID WHITE STOP BAR (TYP.)
- ⑳ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

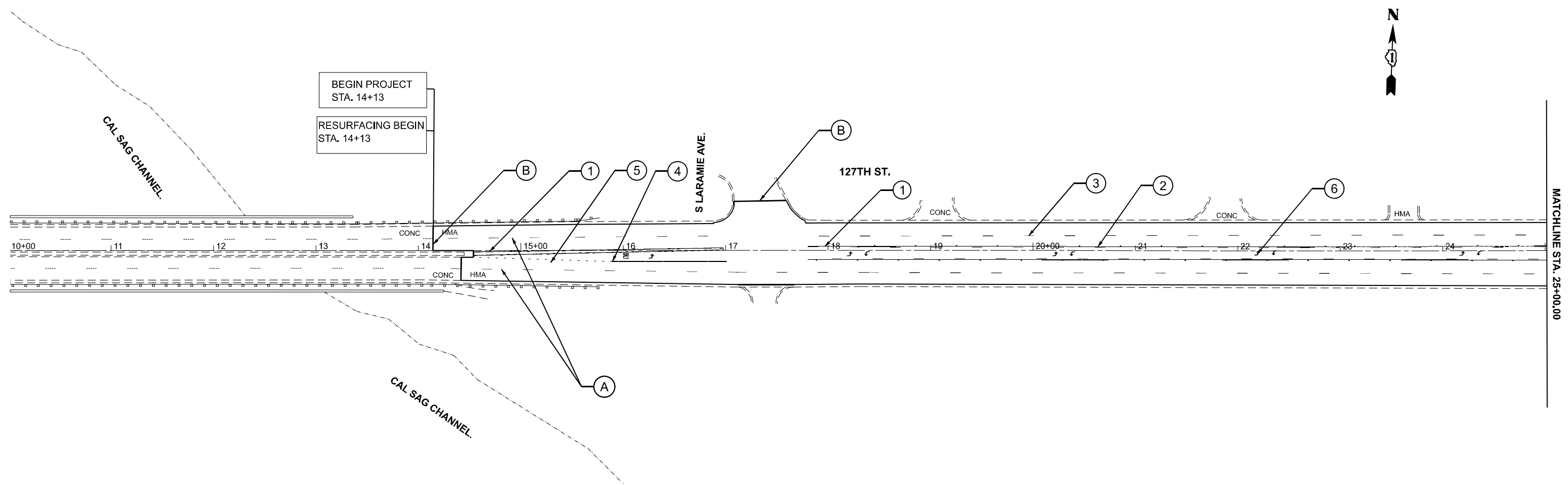
INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

**PROPOSED PREFORMED-PLASTIC PAVEMENT MARKING LEGEND**

- ㉑ PREFORMED PAVEMENT MARKING, TYPE V, LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK)(10'DASH - 30'SKIP)(GROOVED)

**PROPOSED ROADWAY WORK**

- Ⓐ PROP. HMA SURF REM, 3 3/4"  
PROP. POLY. HMA SURFACE COURSE,STONE MATRIX ASPHALT,IL 9.5 MIX "F", N80, 1 3/4"  
PROP. HMA BINDER COURSE, IL-9.5, N70, 2"
- Ⓑ PROP. HMA SURF REM BUTT JOINT
- Ⓒ PROP. CRACK & JOINT ROUTING ( PCC PAVEMENT & SHOULDER)  
PROP. JOINT & CRACK FILLING.
- Ⓓ PROP. CRACK ROUTING.  
PROP. CRACK FILLING.
- ⓧ PROP. CLASS B PATCH



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	CHECKED -	REVISED -
PLOT DATE = 6/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
127 ST. (CAL SAG CHANNEL TO ARTESIAN AVE)**

SCALE: 1"=50' SHEET 1 OF 8 SHEETS STA. 0+00.00 TO STA. 30+00.00


F.A.P. RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 10
CONTRACT NO. 62V45			ILLINOIS FED. AID PROJECT	

**PROPOSED THERMOPLASTIC-PAVEMENT MARKING LEGEND**

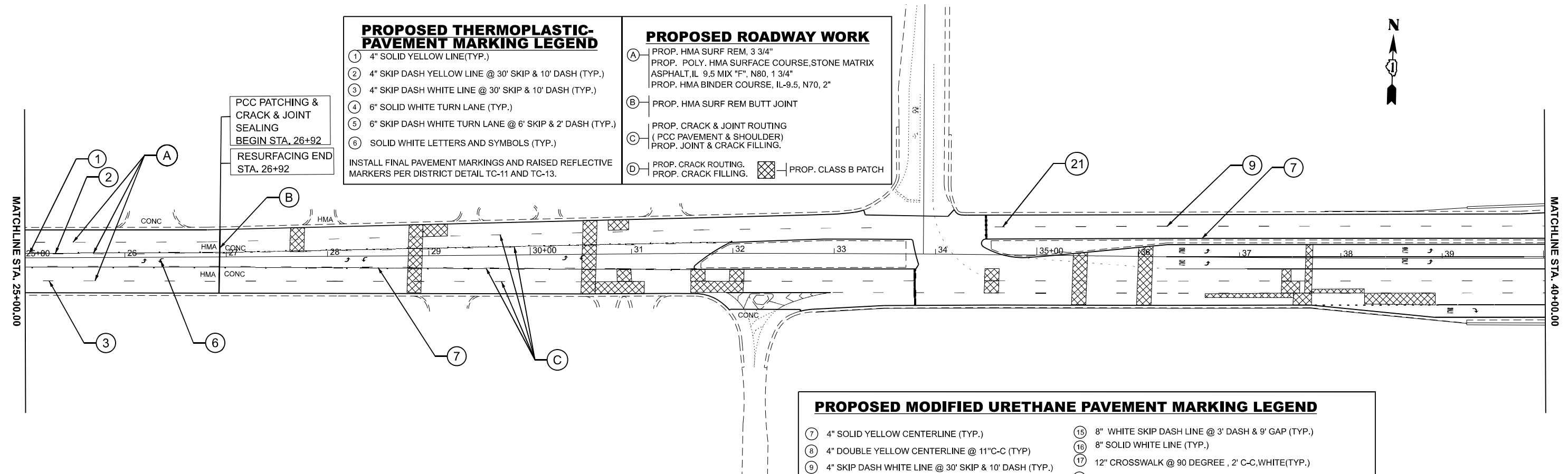
- ① 4" SOLID YELLOW LINE (TYP.)
- ② 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ③ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ④ 6" SOLID WHITE TURN LANE (TYP.)
- ⑤ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑥ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

**PROPOSED ROADWAY WORK**

- A PROP. HMA SURF REM, 3 3/4"
- PROP. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, IL 9.5 MIX "F", N80, 1 3/4"
- PROP. HMA BINDER COURSE, IL-9.5, N70, 2"
- B PROP. HMA SURF REM BUTT JOINT
- C PROP. CRACK & JOINT ROUTING (PCC PAVEMENT & SHOULDER) PROP. JOINT & CRACK FILLING.
- D PROP. CRACK ROUTING. PROP. CRACK FILLING.  PROP. CLASS B PATCH

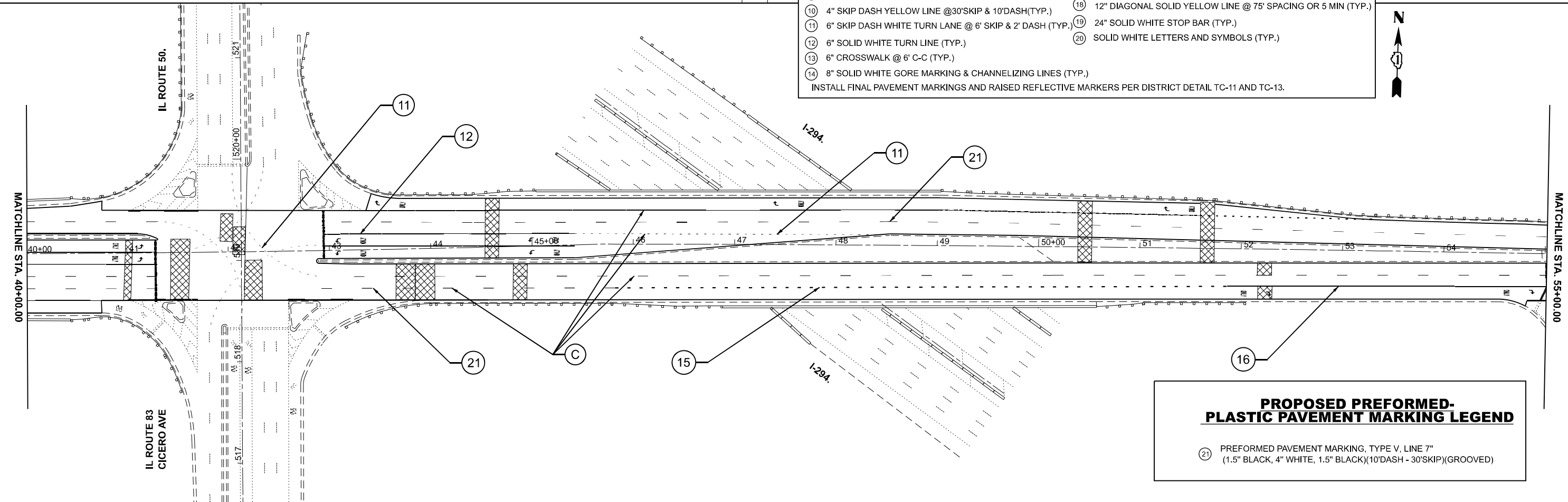
PCC PATCHING & CRACK & JOINT SEALING  
BEGIN STA. 26+92  
RESURFACING END STA. 26+92



**PROPOSED MODIFIED URETHANE PAVEMENT MARKING LEGEND**

- ⑦ 4" SOLID YELLOW CENTERLINE (TYP.)
- ⑧ 4" DOUBLE YELLOW CENTERLINE @ 11" C-C (TYP.)
- ⑨ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑩ 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑪ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑫ 6" SOLID WHITE TURN LINE (TYP.)
- ⑬ 6" CROSSWALK @ 6' C-C (TYP.)
- ⑭ 8" SOLID WHITE GORE MARKING & CHANNELIZING LINES (TYP.)
- ⑮ 8" WHITE SKIP DASH LINE @ 3' DASH & 9' GAP (TYP.)
- ⑯ 8" SOLID WHITE LINE (TYP.)
- ⑰ 12" CROSSWALK @ 90 DEGREE, 2' C-C, WHITE (TYP.)
- ⑱ 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)
- ⑲ 24" SOLID WHITE STOP BAR (TYP.)
- ⑳ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.



**PROPOSED PREFORMED-PLASTIC PAVEMENT MARKING LEGEND**

- ⑳ PREFORMED PAVEMENT MARKING, TYPE V, LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) (10' DASH - 30' SKIP) (GROOVED)

MODEL: EXCL1 - Plan 3 (Sheet)  
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USER NAME = merinjose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/11/2026	DATE -	REVISED -

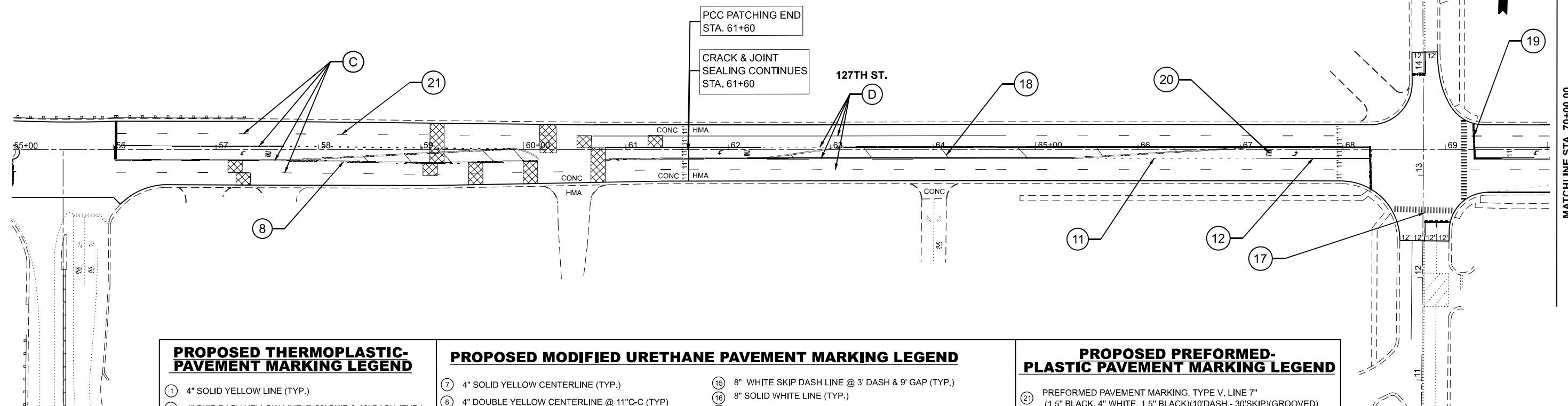
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
127 ST. ( CAL SAG CHANNEL TO ARTESIAN AVE)**

SCALE: 1"=50'    SHEET 2 OF 8 SHEETS    STA. 30+00.00 TO STA. 45+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	11
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				

MODEL: 127 - Plan01 [Sheet]  
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**PROPOSED THERMOPLASTIC-PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW LINE (TYP.)
- ② 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ③ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ④ 6" SOLID WHITE TURN LANE (TYP.)
- ⑤ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑥ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

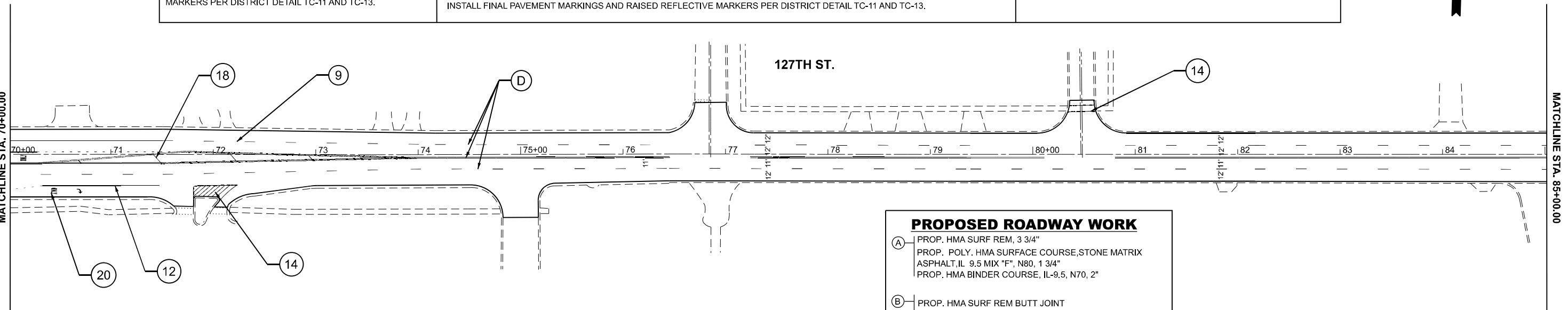
**PROPOSED MODIFIED URETHANE PAVEMENT MARKING LEGEND**

- ⑦ 4" SOLID YELLOW CENTERLINE (TYP.)
- ⑧ 4" DOUBLE YELLOW CENTERLINE @ 11" C-C (TYP.)
- ⑨ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑩ 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑪ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑫ 6" SOLID WHITE TURN LINE (TYP.)
- ⑬ 6" CROSSWALK @ 6' C-C (TYP.)
- ⑭ 8" SOLID WHITE GORE MARKING & CHANNELIZING LINES (TYP.)
- ⑮ 8" WHITE SKIP DASH LINE @ 3' DASH & 9' GAP (TYP.)
- ⑯ 8" SOLID WHITE LINE (TYP.)
- ⑰ 12" CROSSWALK @ 90 DEGREE, 2' C-C, WHITE (TYP.)
- ⑱ 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)
- ⑲ 24" SOLID WHITE STOP BAR (TYP.)
- ⑳ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

**PROPOSED PREFORMED-PLASTIC PAVEMENT MARKING LEGEND**

- ㉑ PREFORMED PAVEMENT MARKING, TYPE V, LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK)(10'DASH - 30'SKIP)(GROOVED)



**PROPOSED ROADWAY WORK**

- A PROP. HMA SURF REM, 3 3/4"  
 PROP. POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, IL 9.5 MIX "F", N80, 1 3/4"  
 PROP. HMA BINDER COURSE, IL-9.5, N70, 2"
- B PROP. HMA SURF REM BUTT JOINT
- C PROP. CRACK & JOINT ROUTING (PCC PAVEMENT & SHOULDER)  
 PROP. JOINT & CRACK FILLING.
- D PROP. CRACK ROUTING.  
 PROP. CRACK FILLING. [Symbol] PROP. CLASS B PATCH

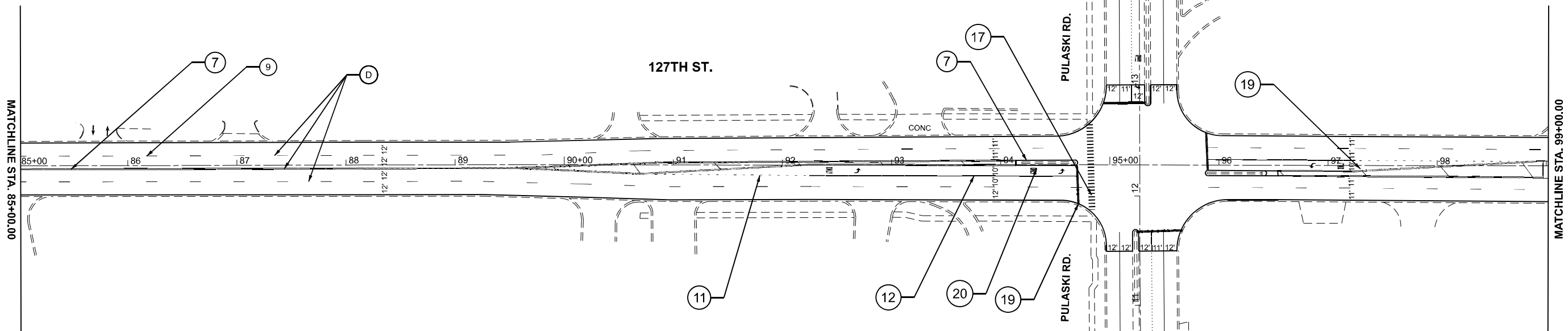
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PLOT DATE = 4/12/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**ROADWAY PLAN**  
**127 ST. (CAL SAG CHANNEL TO ARTESIAN AVE)**

SCALE: 1"=50' SHEET OF 6 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	12
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



**PROPOSED THERMOPLASTIC-PAVEMENT MARKING LEGEND**

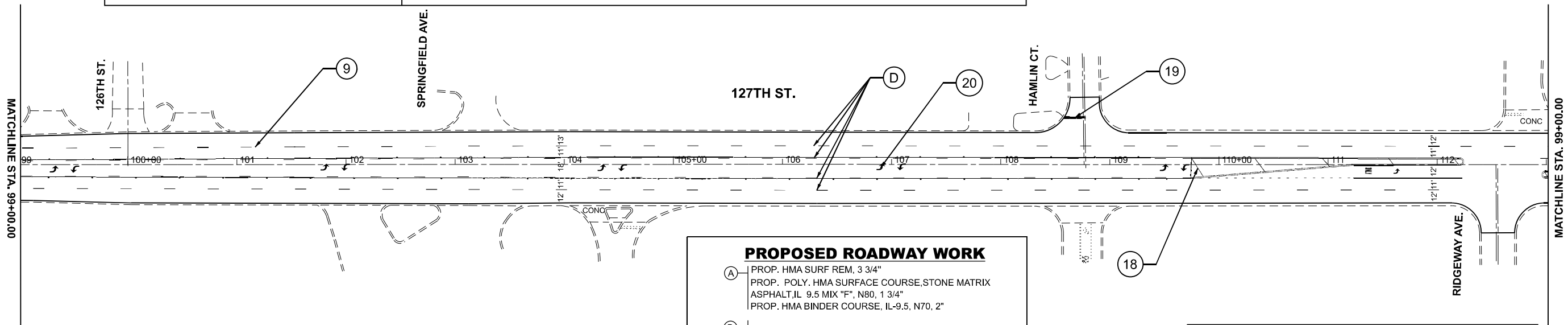
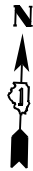
- ① 4" SOLID YELLOW LINE (TYP.)
- ② 4" SKIP DASH YELLOW LINE @ 30' SKIP & 10' DASH (TYP.)
- ③ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ④ 6" SOLID WHITE TURN LANE (TYP.)
- ⑤ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑥ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

**PROPOSED MODIFIED URETHANE PAVEMENT MARKING LEGEND**

- ⑦ 4" SOLID YELLOW CENTERLINE (TYP.)
- ⑧ 4" DOUBLE YELLOW CENTERLINE @ 11"C-C (TYP.)
- ⑨ 4" SKIP DASH WHITE LINE @ 30' SKIP & 10' DASH (TYP.)
- ⑩ 4" SKIP DASH YELLOW LINE @30'SKIP & 10'DASH(TYP.)
- ⑪ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)
- ⑫ 6" SOLID WHITE TURN LINE (TYP.)
- ⑬ 6" CROSSWALK @ 6' C-C (TYP.)
- ⑭ 8" SOLID WHITE GORE MARKING & CHANNELIZING LINES (TYP.)
- ⑮ 8" WHITE SKIP DASH LINE @ 3' DASH & 9' GAP (TYP.)
- ⑯ 8" SOLID WHITE LINE (TYP.)
- ⑰ 12" CROSSWALK @ 90 DEGREE , 2' C-C,WHITE(TYP.)
- ⑱ 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)
- ⑲ 24" SOLID WHITE STOP BAR (TYP.)
- ⑳ SOLID WHITE LETTERS AND SYMBOLS (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.



**PROPOSED ROADWAY WORK**

- A PROP. HMA SURF REM, 3 3/4"  
PROP. POLY. HMA SURFACE COURSE,STONE MATRIX ASPHALT,IL 9.5 MIX "F", N80, 1 3/4"  
PROP. HMA BINDER COURSE, IL-9.5, N70, 2"
- B PROP. HMA SURF REM BUTT JOINT
- C PROP. CRACK & JOINT ROUTING  
(PCC PAVEMENT & SHOULDER)  
PROP. JOINT & CRACK FILLING.
- D PROP. CRACK ROUTING.  
PROP. CRACK FILLING. PROP. CLASS B PATCH

**PROPOSED PREFORMED-PLASTIC PAVEMENT MARKING LEGEND**

- ⑳ PREFORMED PAVEMENT MARKING, TYPE V, LINE 7"  
(1.5" BLACK, 4" WHITE, 1.5" BLACK)(10'DASH - 30'SKIP)(GROOVED)

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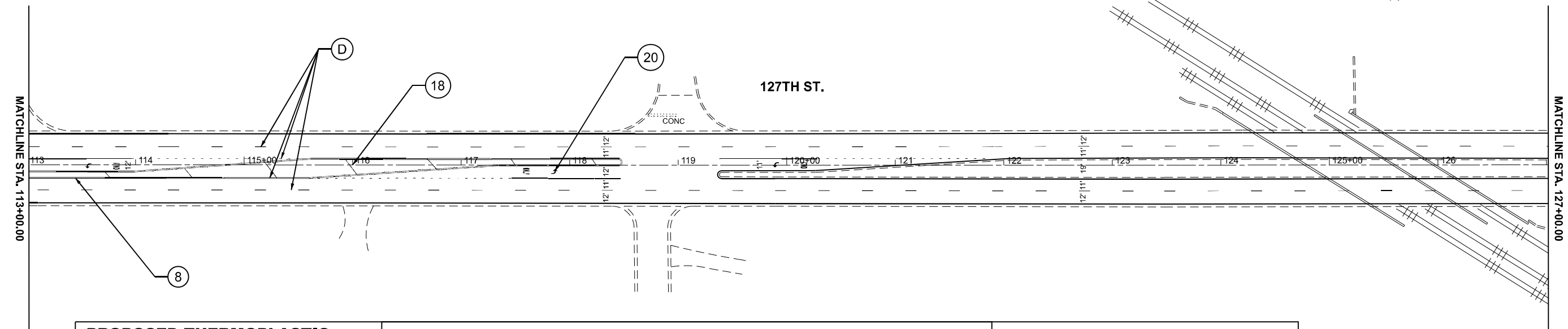
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PLOT DATE = 6/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

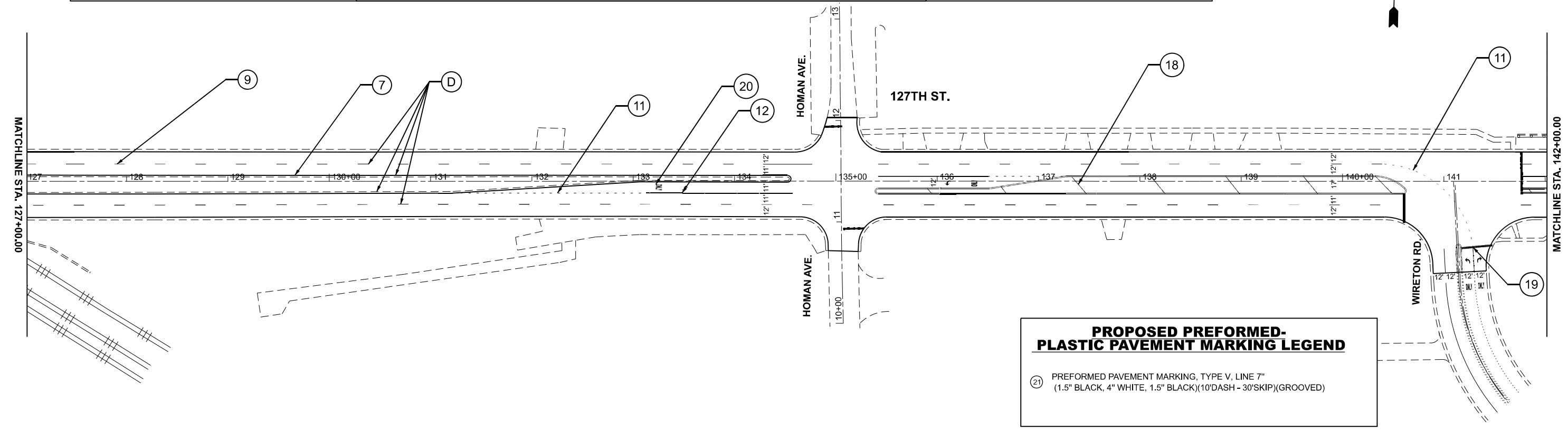
**ROADWAY PLAN  
127 ST. (CAL SAG CHANNEL TO ARTESIAN AVE)**

SCALE: 1"=50' SHEET OF 8 SHEETS STA. 40+00.00 TO STA. 68+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	13
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



PROPOSED THERMOPLASTIC-PAVEMENT MARKING LEGEND	PROPOSED MODIFIED URETHANE PAVEMENT MARKING LEGEND	PROPOSED ROADWAY WORK
<ul style="list-style-type: none"> <li>① 4" SOLID YELLOW LINE (TYP.)</li> <li>② 4" SKIP DASH YELLOW LINE @ 30' SKIP &amp; 10' DASH (TYP.)</li> <li>③ 4" SKIP DASH WHITE LINE @ 30' SKIP &amp; 10' DASH (TYP.)</li> <li>④ 6" SOLID WHITE TURN LANE (TYP.)</li> <li>⑤ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP &amp; 2' DASH (TYP.)</li> <li>⑥ SOLID WHITE LETTERS AND SYMBOLS (TYP.)</li> </ul> <p>INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.</p>	<ul style="list-style-type: none"> <li>⑦ 4" SOLID YELLOW CENTERLINE (TYP.)</li> <li>⑧ 4" DOUBLE YELLOW CENTERLINE @ 11"C-C (TYP.)</li> <li>⑨ 4" SKIP DASH WHITE LINE @ 30' SKIP &amp; 10' DASH (TYP.)</li> <li>⑩ 4" SKIP DASH YELLOW LINE @30'SKIP &amp; 10'DASH(TYP.)</li> <li>⑪ 6" SKIP DASH WHITE TURN LANE @ 6' SKIP &amp; 2' DASH (TYP.)</li> <li>⑫ 6" SOLID WHITE TURN LINE (TYP.)</li> <li>⑬ 6" CROSSWALK @ 6' C-C (TYP.)</li> <li>⑭ 8" SOLID WHITE GORE MARKING &amp; CHANNELIZING LINES (TYP.)</li> <li>⑮ 8" WHITE SKIP DASH LINE @ 3' DASH &amp; 9' GAP (TYP.)</li> <li>⑯ 8" SOLID WHITE LINE (TYP.)</li> <li>⑰ 12" CROSSWALK @ 90 DEGREE , 2' C-C,WHITE(TYP.)</li> <li>⑱ 12" DIAGONAL SOLID YELLOW LINE @ 75' SPACING OR 5 MIN (TYP.)</li> <li>⑲ 24" SOLID WHITE STOP BAR (TYP.)</li> <li>⑳ SOLID WHITE LETTERS AND SYMBOLS (TYP.)</li> </ul> <p>INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.</p>	<ul style="list-style-type: none"> <li>Ⓐ PROP. HMA SURF REM, 3 3/4"</li> <li>PROP. POLY. HMA SURFACE COURSE,STONE MATRIX ASPHALT,IL 9.5 MIX "F", N80, 1 3/4"</li> <li>PROP. HMA BINDER COURSE, IL-9.5, N70, 2"</li> <li>Ⓑ PROP. HMA SURF REM BUTT JOINT</li> <li>Ⓒ PROP. CRACK &amp; JOINT ROUTING (PCC PAVEMENT &amp; SHOULDER) PROP. JOINT &amp; CRACK FILLING.</li> <li>Ⓓ PROP. CRACK ROUTING, PROP. CRACK FILLING.  PROP. CLASS B PATCH</li> </ul>



PROPOSED PREFORMED-PLASTIC PAVEMENT MARKING LEGEND	
⑳	PREFORMED PAVEMENT MARKING, TYPE V, LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK)(10'DASH - 30'SKIP)(GROOVED)

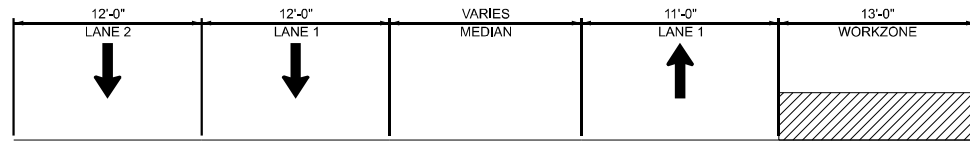
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USER NAME = merin,jose	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN 127 ST. (CAL SAG CHANNEL TO ARTESIAN AVE)</b>		F.A.P RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 14
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET OF 8 SHEETS	STA. 68+00.00 TO STA. 97+00.00	CONTRACT NO. 62V45			
PLOT DATE = 6/11/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

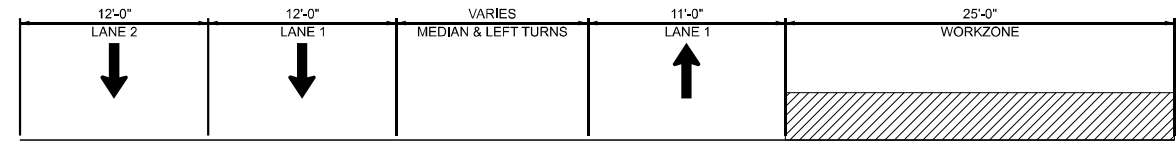




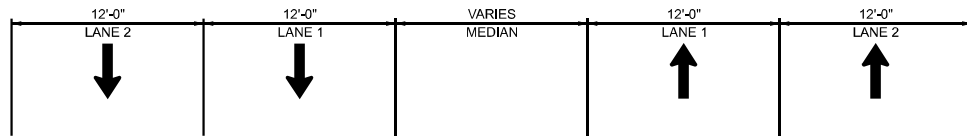




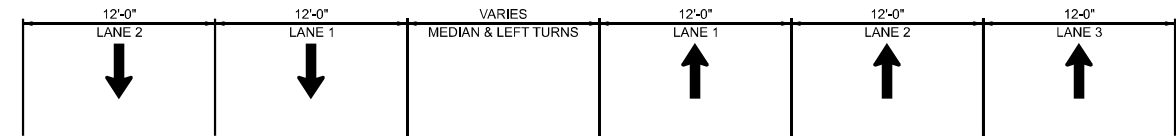
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LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



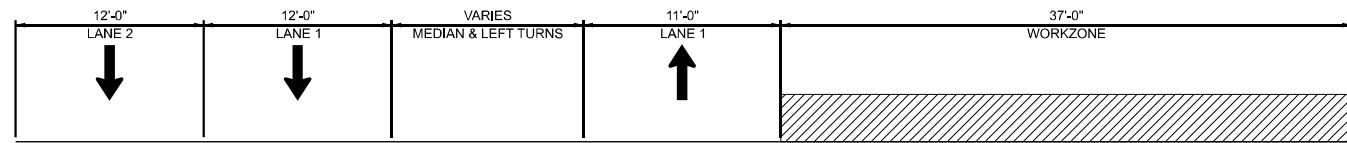
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LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



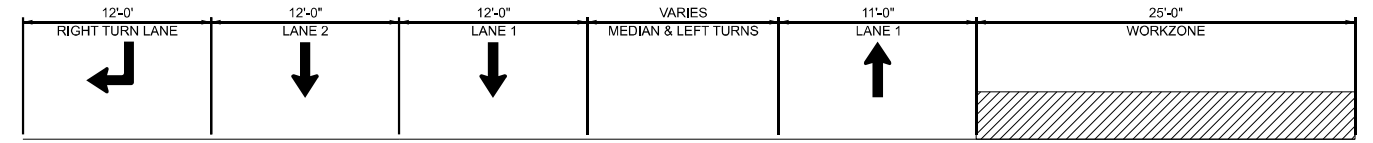
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LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



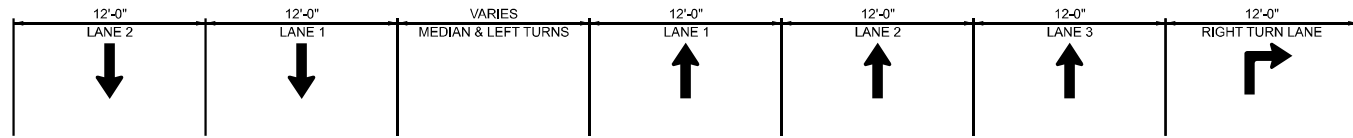
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LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



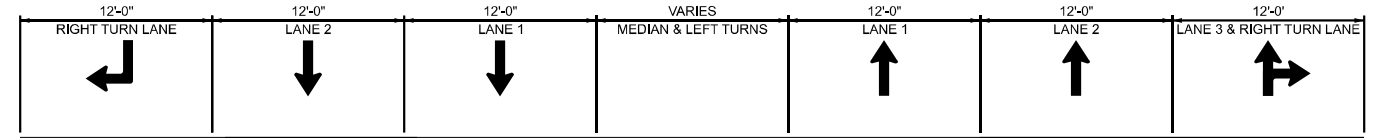
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LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50

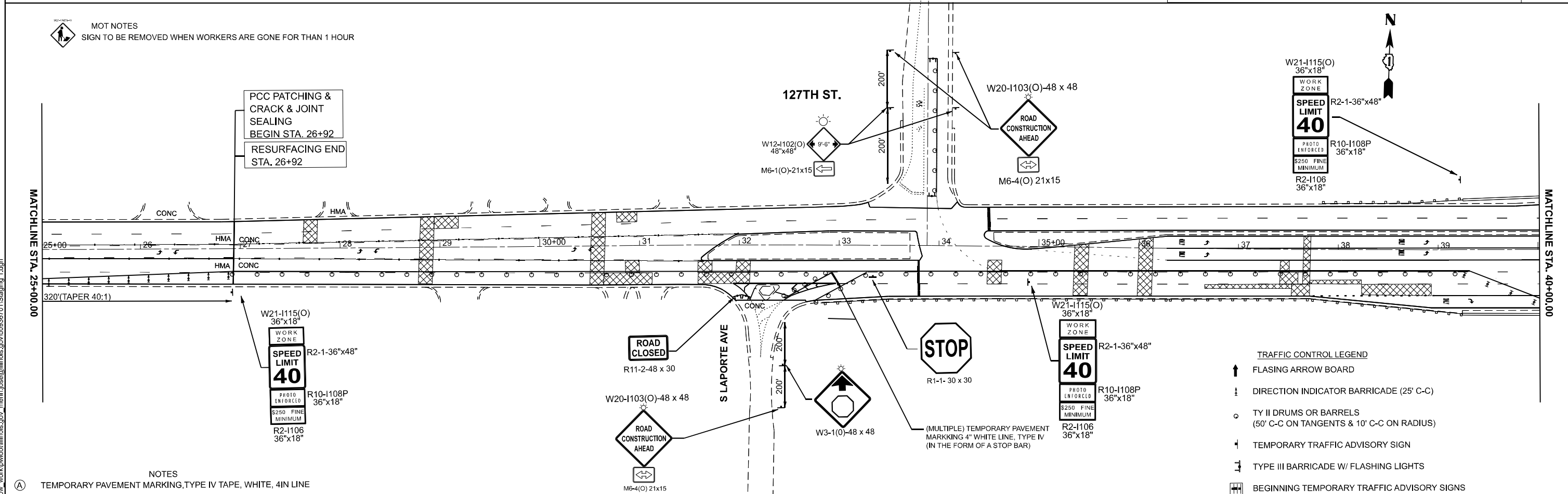
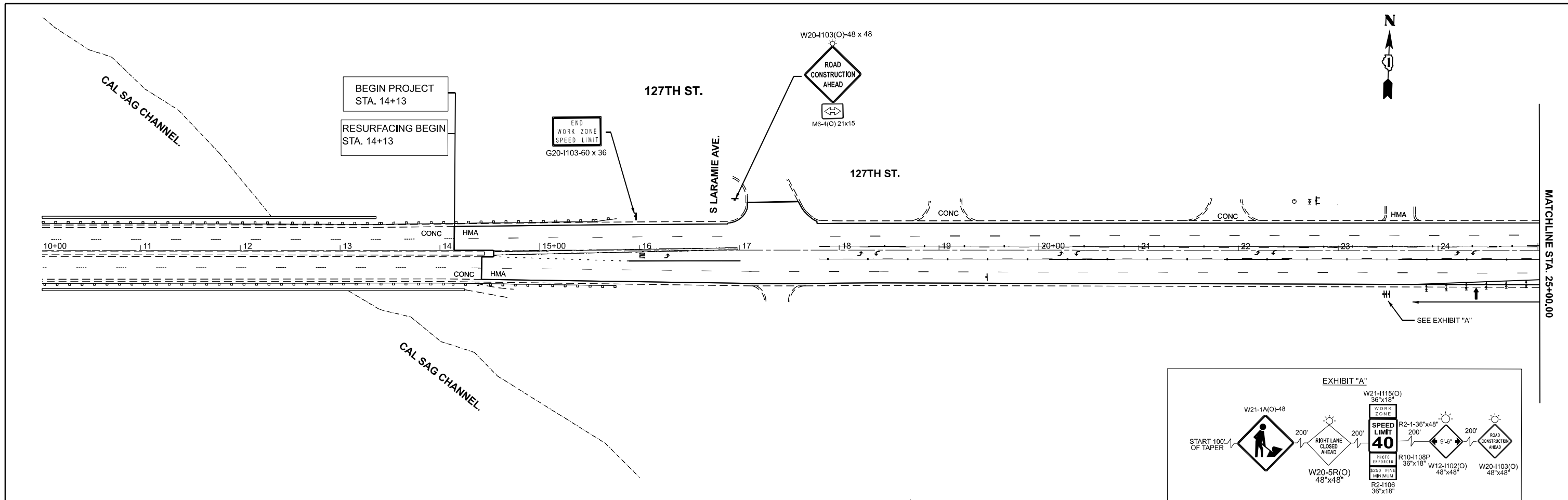
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/8/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MOT STAGE -01 TYPICAL SECTION</b>			
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	18
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



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	CHECKED -	REVISED -
PLOT DATE = 6/11/2026	DATE -	REVISED -

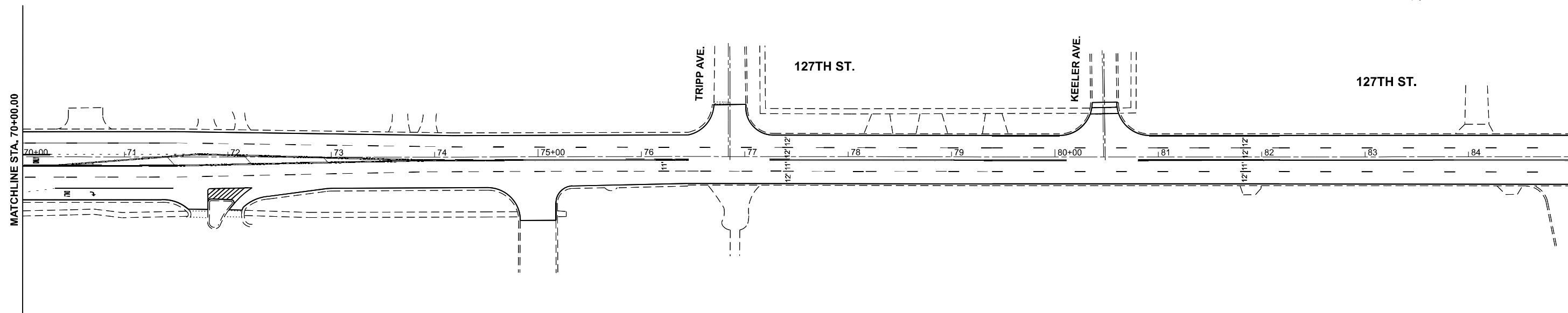
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MOT STAGE-01  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: 1"=50'    SHEET 2 OF 15 SHEETS    STA. 0+00.00 TO STA. 30+00.00

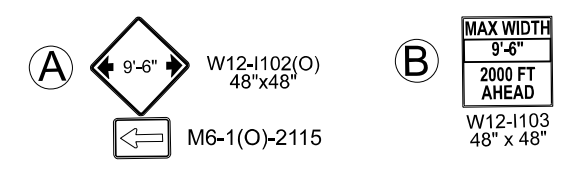
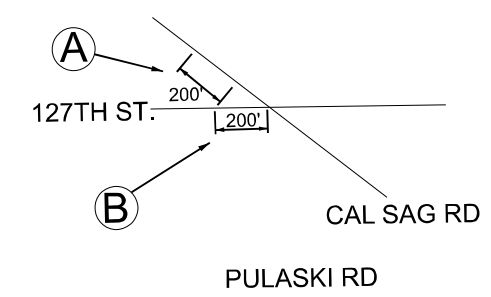
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	19
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				





 MOT NOTES  
SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR

**ADVANCED MAX WIDTH**



MODEL: MOT STAGE 1 - 05 (Sheet)  
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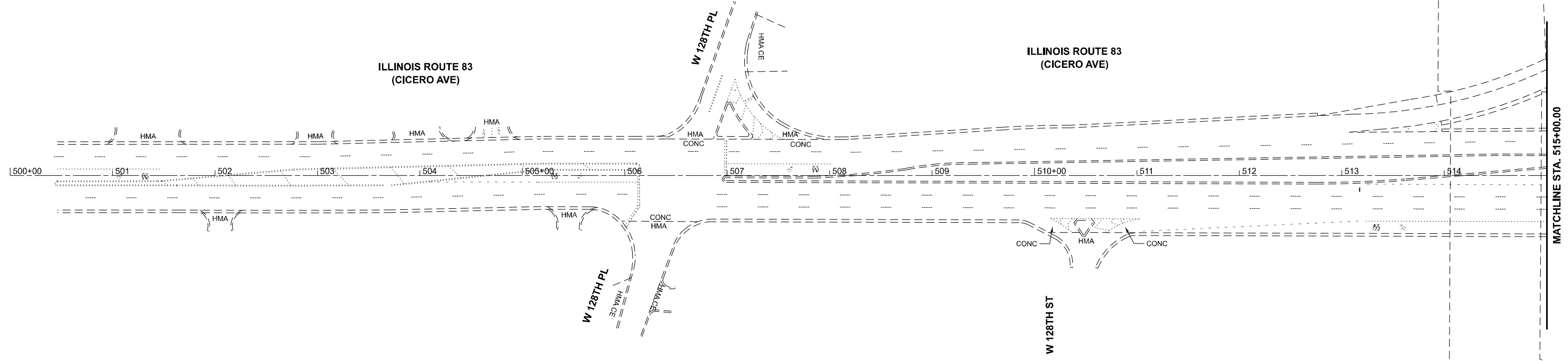
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/10/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

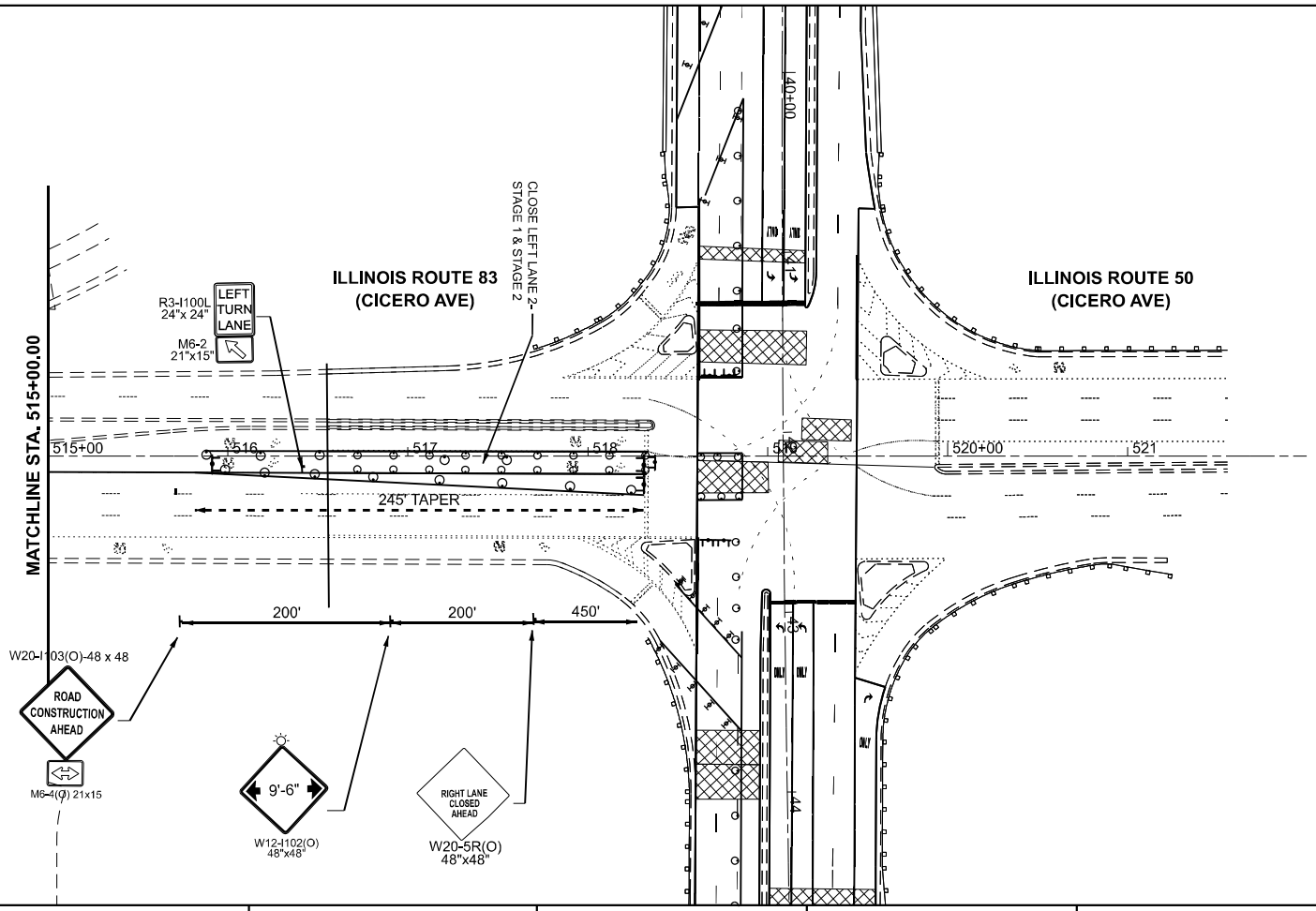
**MOT STAGE-01  
127TH ST.(CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: 1"=50' SHEET 4 OF 15 SHEETS STA. 60+00.00 TO STA. 75+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	21
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



MOT NOTES  
SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR



MODEL: IL 83\_E - Cicero Ave (Sheet)  
FILE NAME: c:\p\work\pav\illinois.gov\_merlin.jose\0936701 Staging 1.dgn

USER NAME = merlin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/5/2026	DATE -	REVISED -

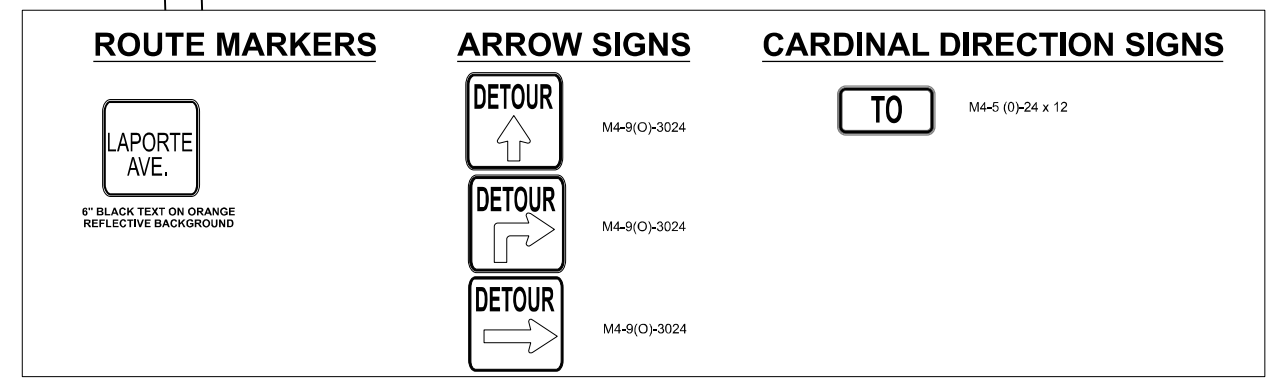
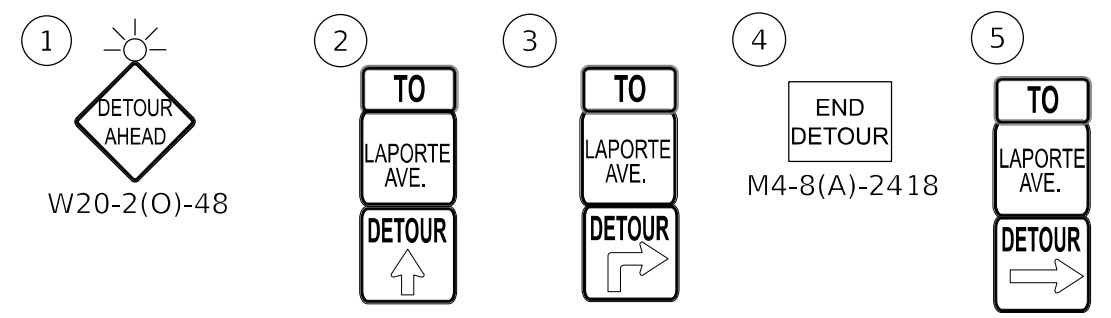
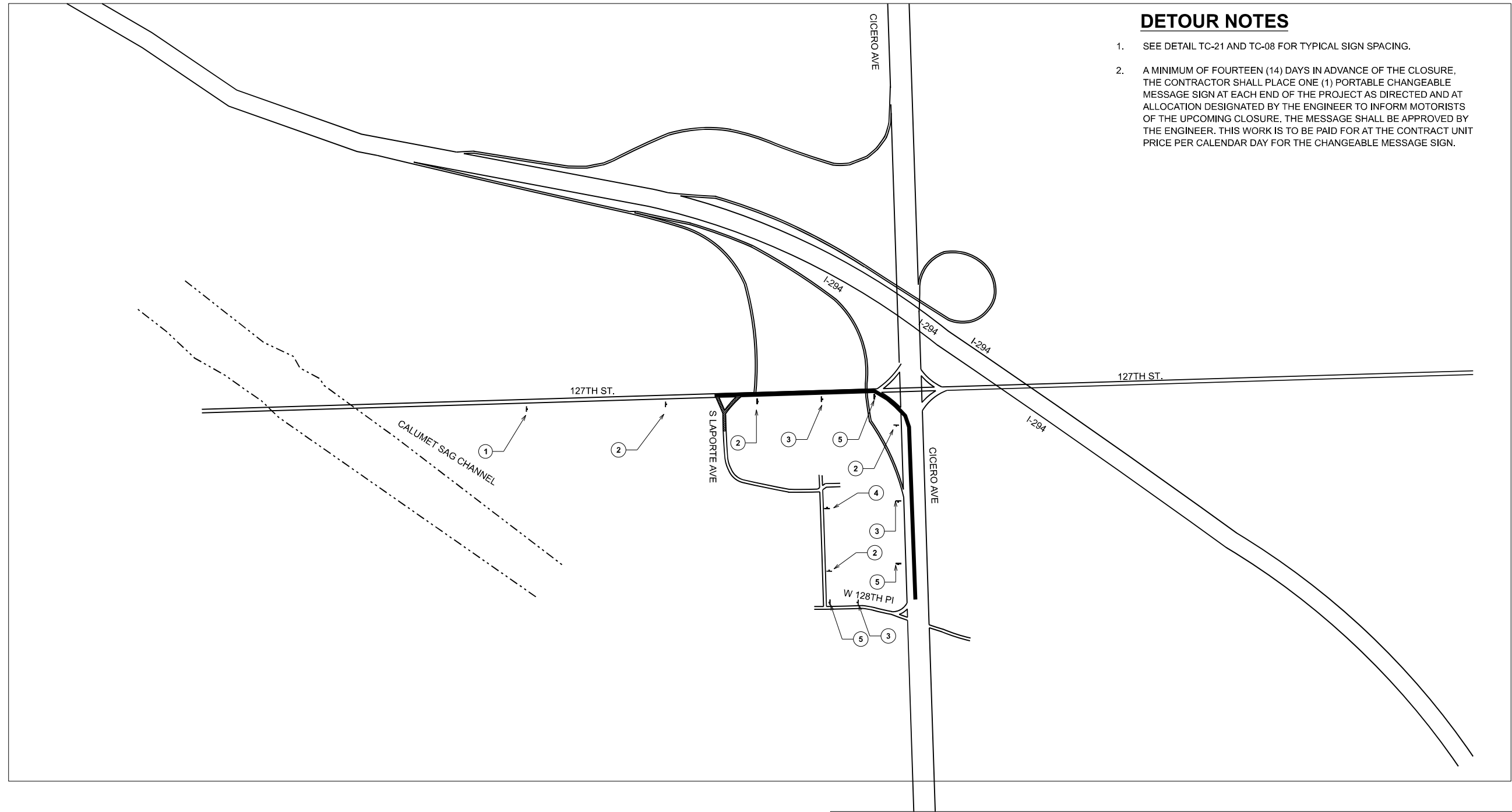
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>MOTSTAGE-01</b>			
<b>127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)</b>			
SCALE: 1"=50'	SHEET 5	OF 15 SHEETS	STA. 500+00.00 TO STA. 530+00.00

F.A.P. RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 22
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				

**DETOUR NOTES**

- SEE DETAIL TC-21 AND TC-08 FOR TYPICAL SIGN SPACING.
- A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CLOSURE, THE CONTRACTOR SHALL PLACE ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AS DIRECTED AND AT ALLOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR THE CHANGEABLE MESSAGE SIGN.



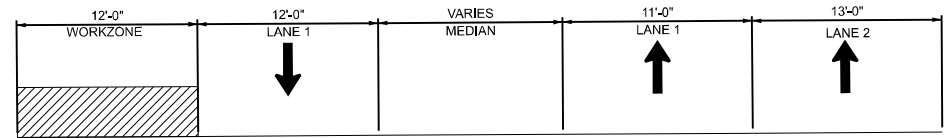
MODEL: DETOUR PLAN-2 (Sheet)  
FILE NAME: c:\p\work\wv\illinois.gov\_merinjose\illinois.gov\_merinjose\102324-sh-t-cover.dgn

USER NAME = merinjose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/4/2026	DATE -	REVISED -

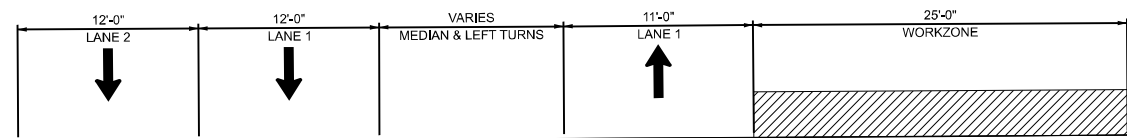
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETOUR PLAN-STAGE 01 127TH ST.(CAL SAG CHANNEL TO ARTESIAN AVE.)</b>			
SCALE:	SHEET 6	OF 15 SHEETS	STA. TO STA.

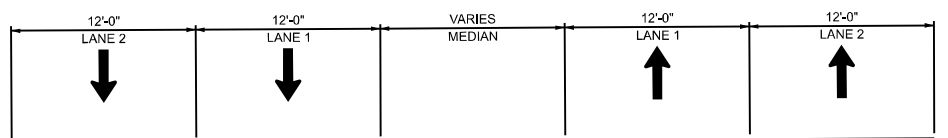
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	23
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



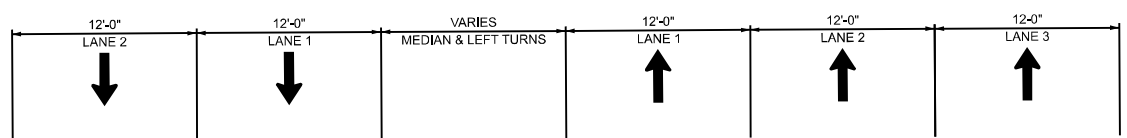
TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



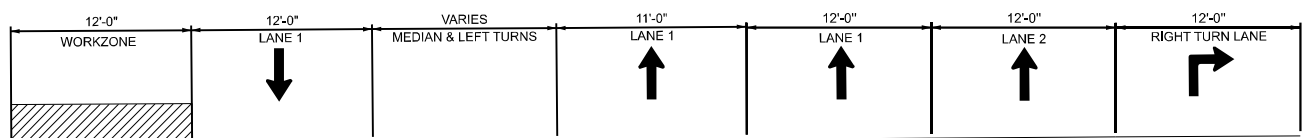
TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



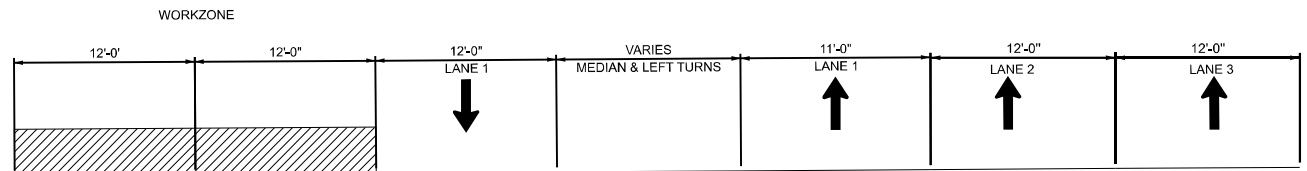
TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



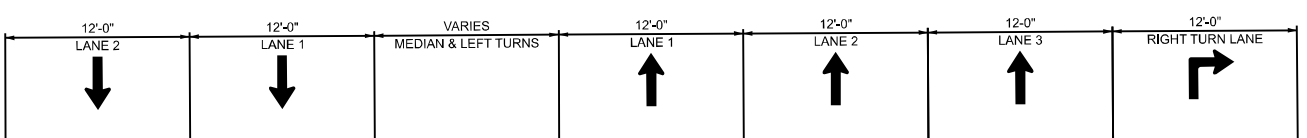
TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



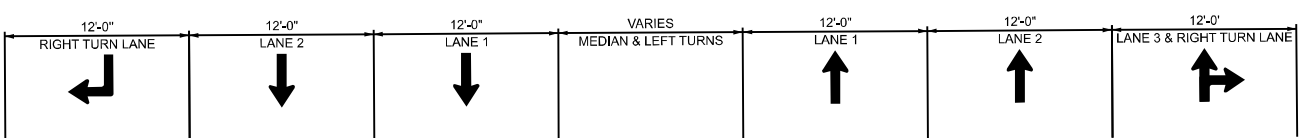
TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50

MODEL: Stage 2 CS part 2 (Sheet)  
FILE NAME: c:\p\work\127th\illinois.gov\_merit\_jose\127th\Stageing\_2.dgn

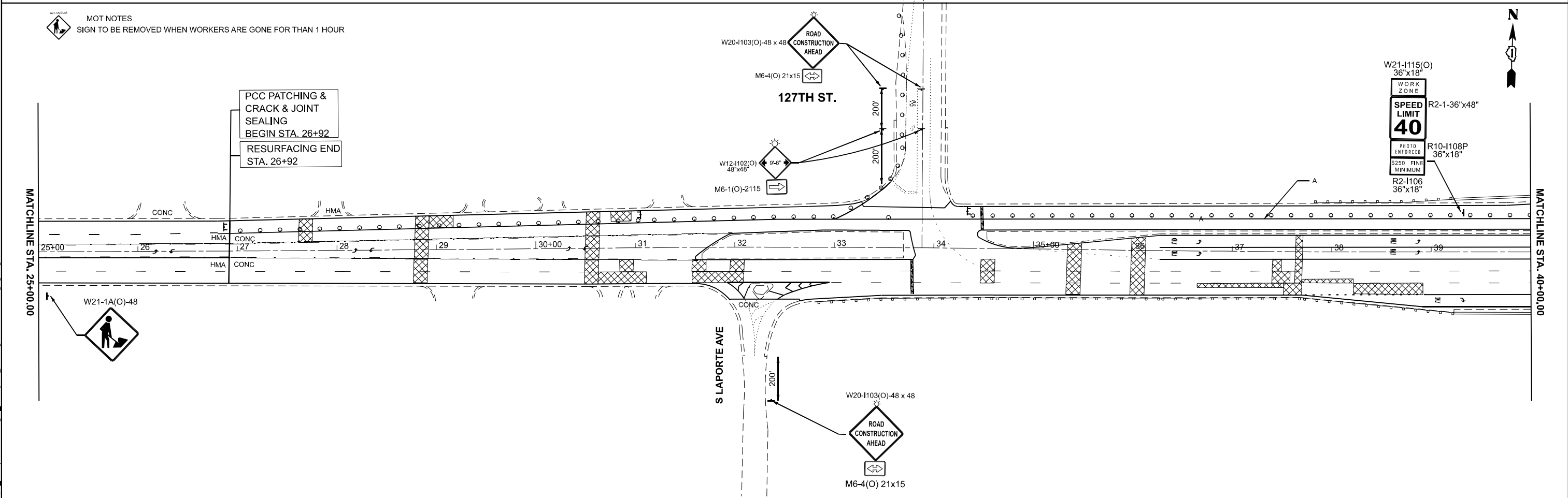
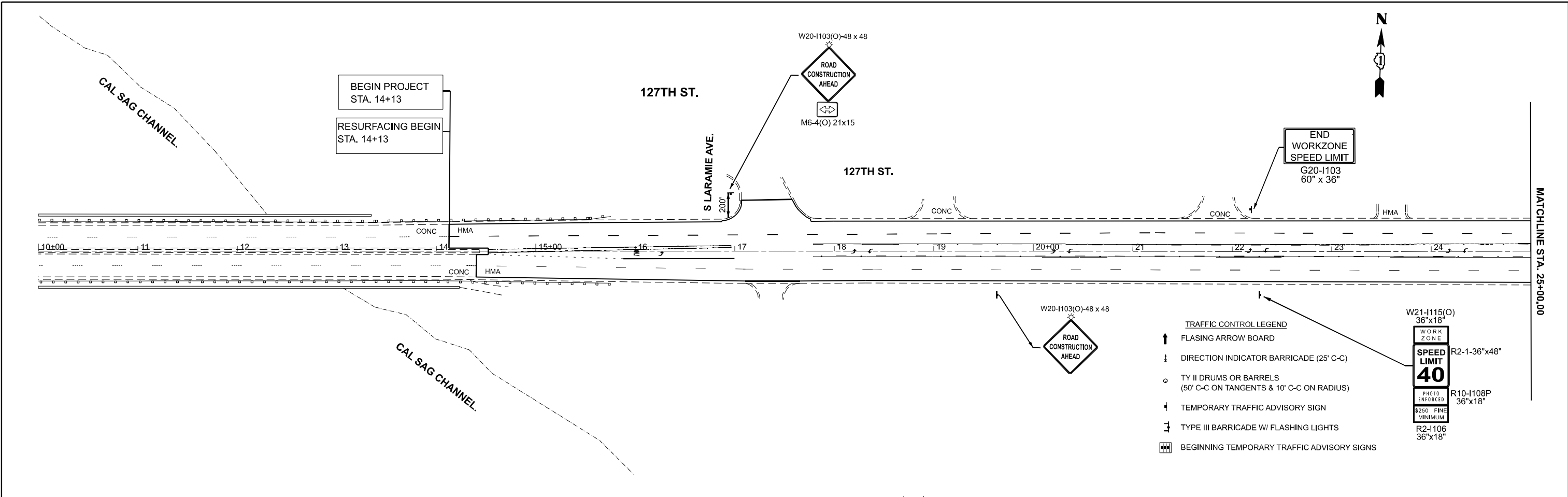
USER NAME = merit_jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/13/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MOT STAGE -02 TYPICAL SECTION  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	24
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



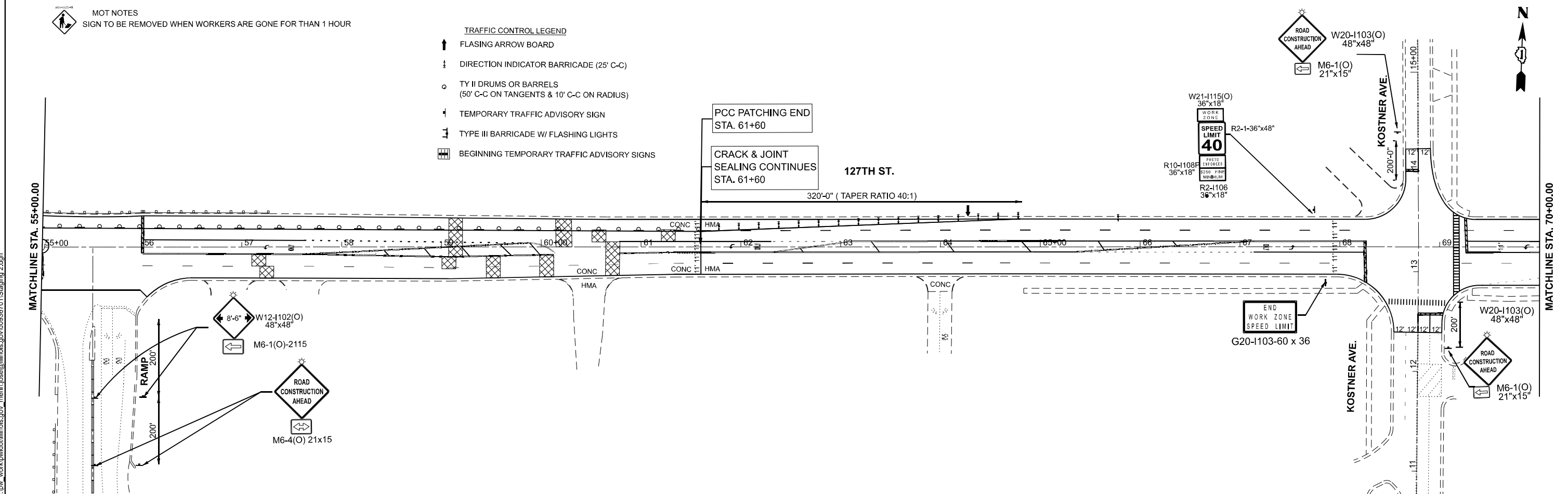
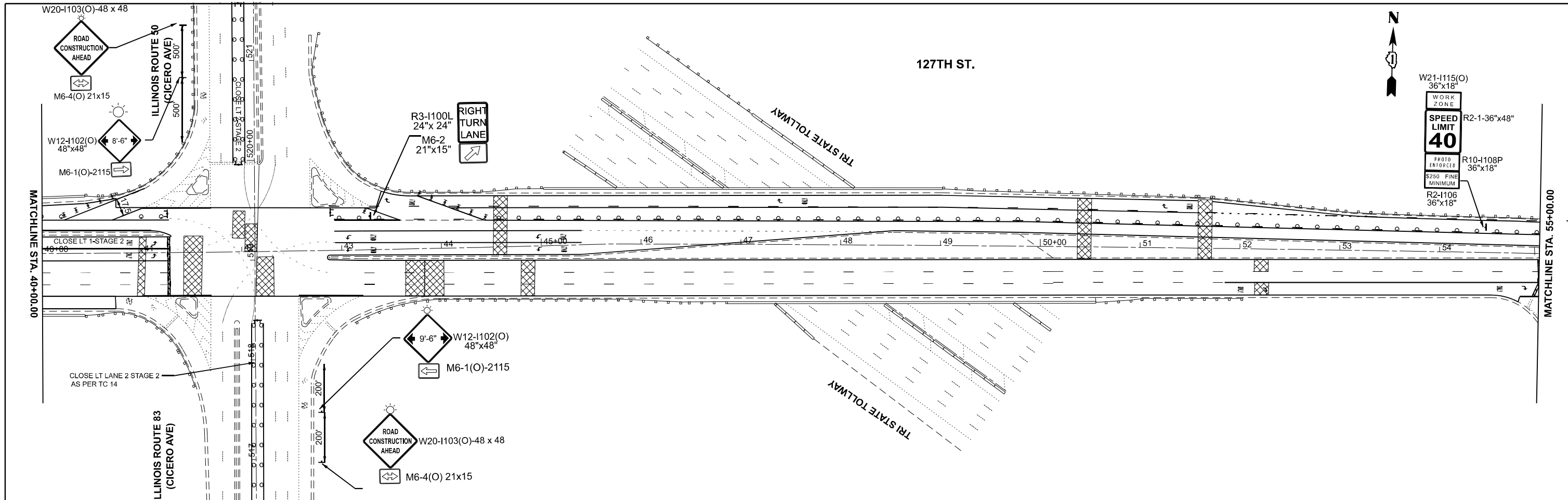
MODEL: MOT STAGE 2-01 - MOT STAGE 2-01 (Sheet)  
 FILE NAME: c:\p\work\project\illinois.gov\_merlin.jose@illinois.gov\127th St\Stage 2.dgn

USER NAME = merlin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MOT STAGE -02**  
**127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**  
 SCALE: 1"=50' SHEET 8 OF 15 SHEETS STA. 0+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	25
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



**MOT NOTES**  
 SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR

- TRAFFIC CONTROL LEGEND**
- ↑ FLASHING ARROW BOARD
  - ↓ DIRECTION INDICATOR BARRICADE (25' C-C)
  - TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
  - ⚡ TEMPORARY TRAFFIC ADVISORY SIGN
  - ⚡ TYPE III BARRICADE W/ FLASHING LIGHTS
  - ▤ BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS

PCC PATCHING END  
 STA. 61+60

CRACK & JOINT  
 SEALING CONTINUES  
 STA. 61+60

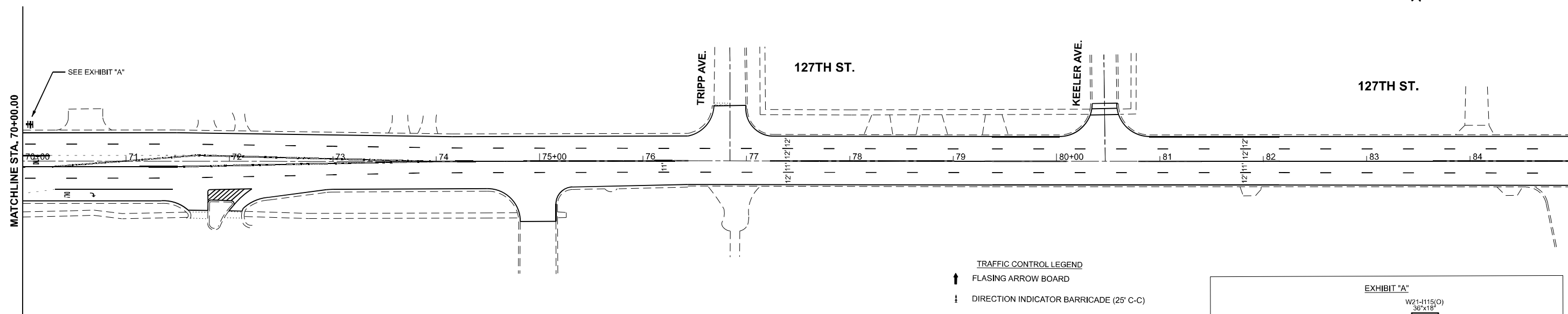
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USER NAME = merlin_jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/5/2026	DATE -	REVISED -

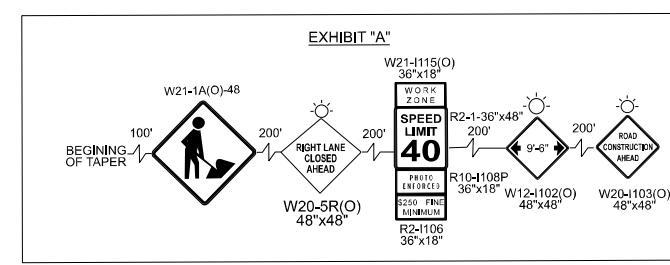
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>MOT STAGE -02</b>			
<b>127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)</b>			
SCALE: 1"=50'	SHEET 9	OF 15 SHEETS	STA. 30+00.00 TO STA. 60+00.00

F.A.P. RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 26
CONTRACT NO. 62V45			ILLINOIS FED. AID PROJECT	

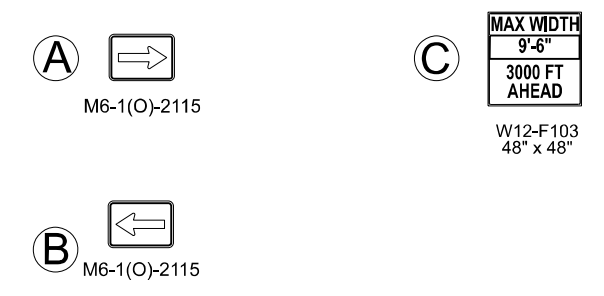
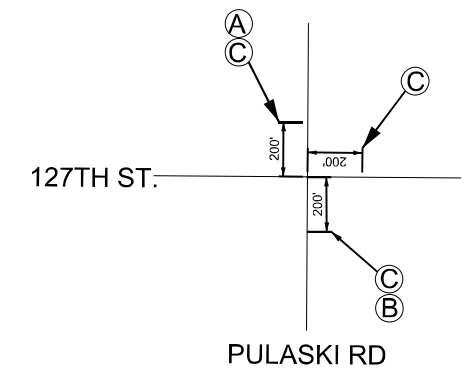


- TRAFFIC CONTROL LEGEND**
- ↑ FLASING ARROW BOARD
  - ⚡ DIRECTION INDICATOR BARRICADE (25' C-C)
  - TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
  - ⚡ TEMPORARY TRAFFIC ADVISORY SIGN
  - ⚡ TYPE III BARRICADE W/ FLASHING LIGHTS
  - ⚡ BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS



**MOT NOTES**  
 SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR

**ADVANCED MAX WIDTH**



MODEL: MOT STAGE 2-01 - MOT STAGE 2-05 (Sheet)  
 FILE NAME: c:\p\work\project\illinois.gov\_merit\_jesse@illinois.gov\0936701\_Staging\_2.dgn

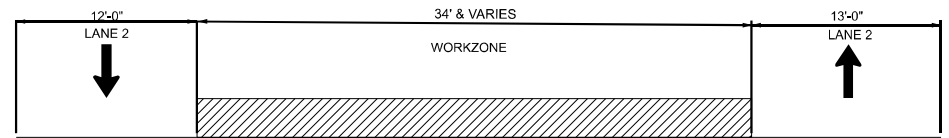
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

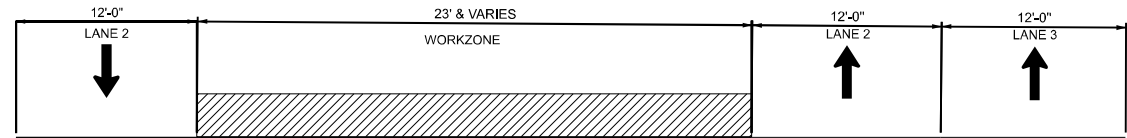
**MOT STAGE-02  
 127TH ST.(CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: 1"=50' SHEET 10 OF 15 SHEETS STA. 60+00.00 TO STA. 75+00.00

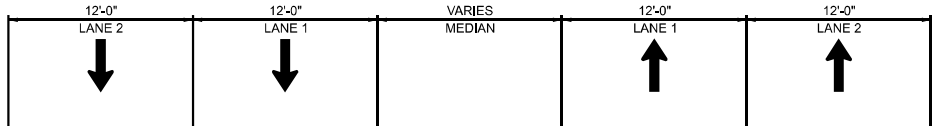
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	27
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



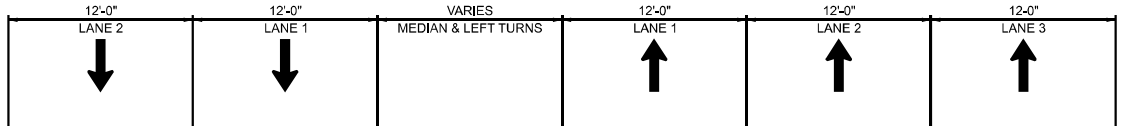
TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



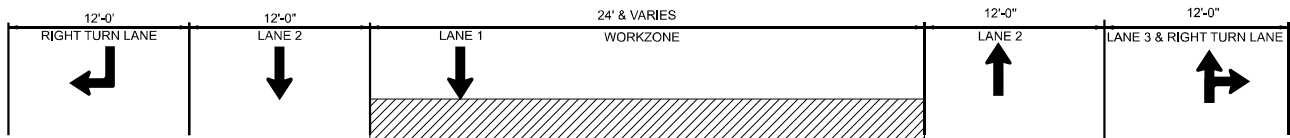
TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 14+13 - STA 32+95  
STA 55+50 - STA 61+60



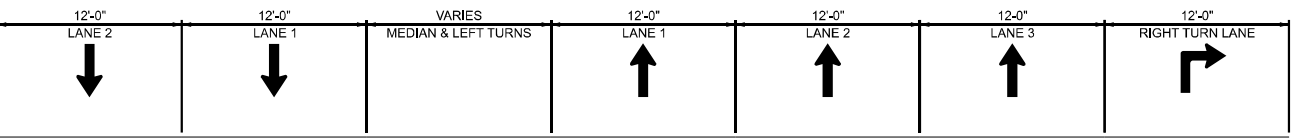
TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 32+95 - STA 37+70



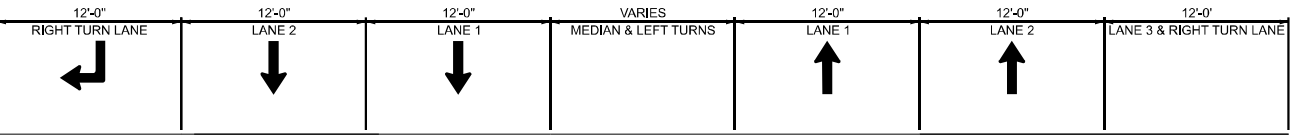
TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-MOT (STAGE 1)  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 37+70 - STA 42+15



TYPICAL SECTION-EXISTING  
LOOKING EAST ALONG 127TH ST.  
STA 42+15 - STA 55+50

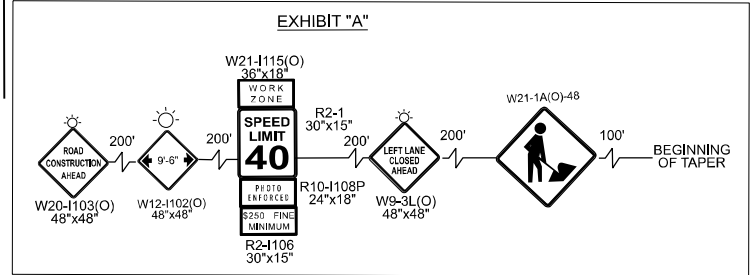
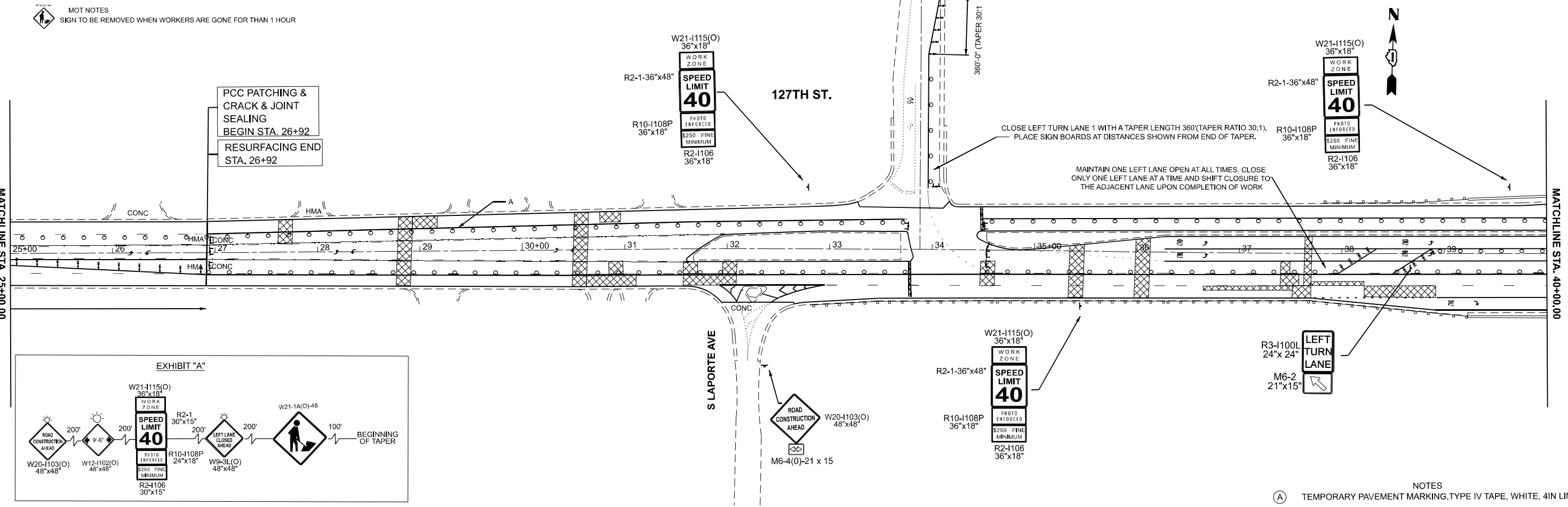
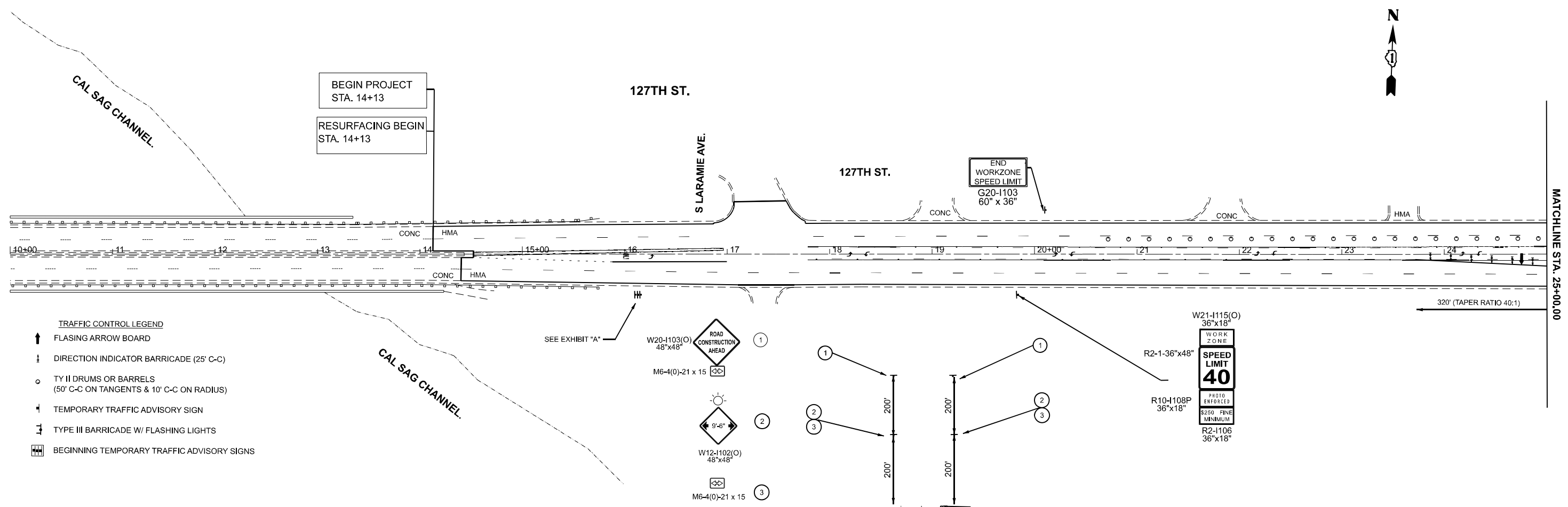
MODEL: MOT-STAGE 3 - CS (Sheet)  
FILE NAME: c:\p\work\127th\illinois.gov\_merj.jose\0936701\_Stage1\_3.dgn

USER NAME = merin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/8/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

MOT STAGE-03 TYPICAL SECTION			
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 28
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62V45



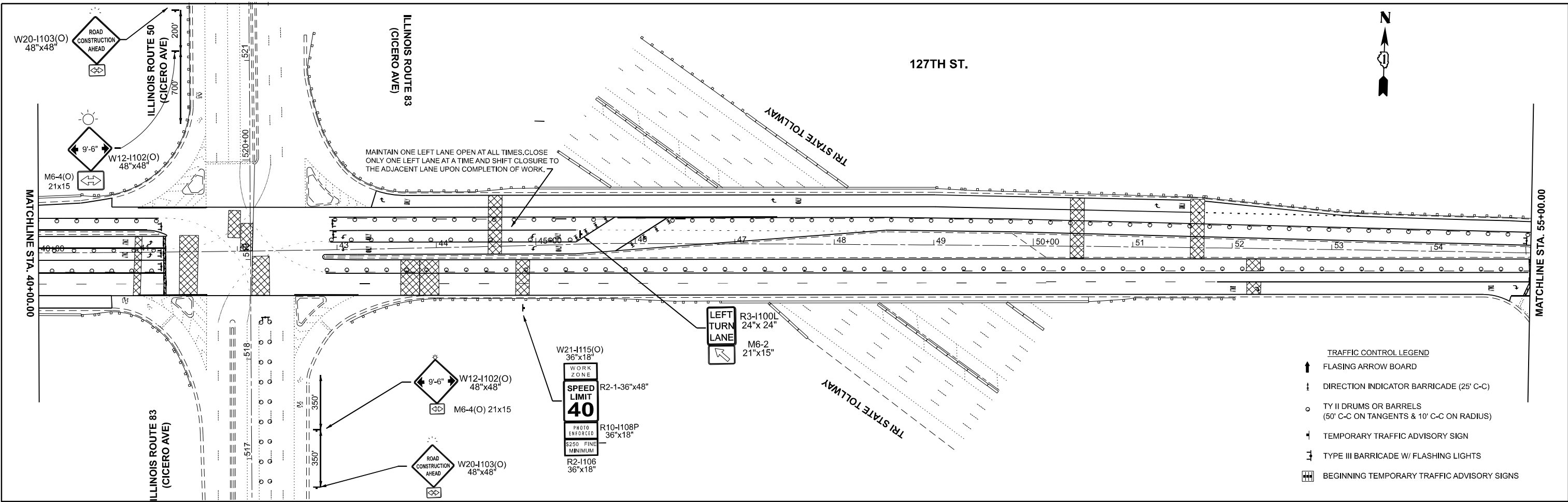
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USER NAME = merlin_jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

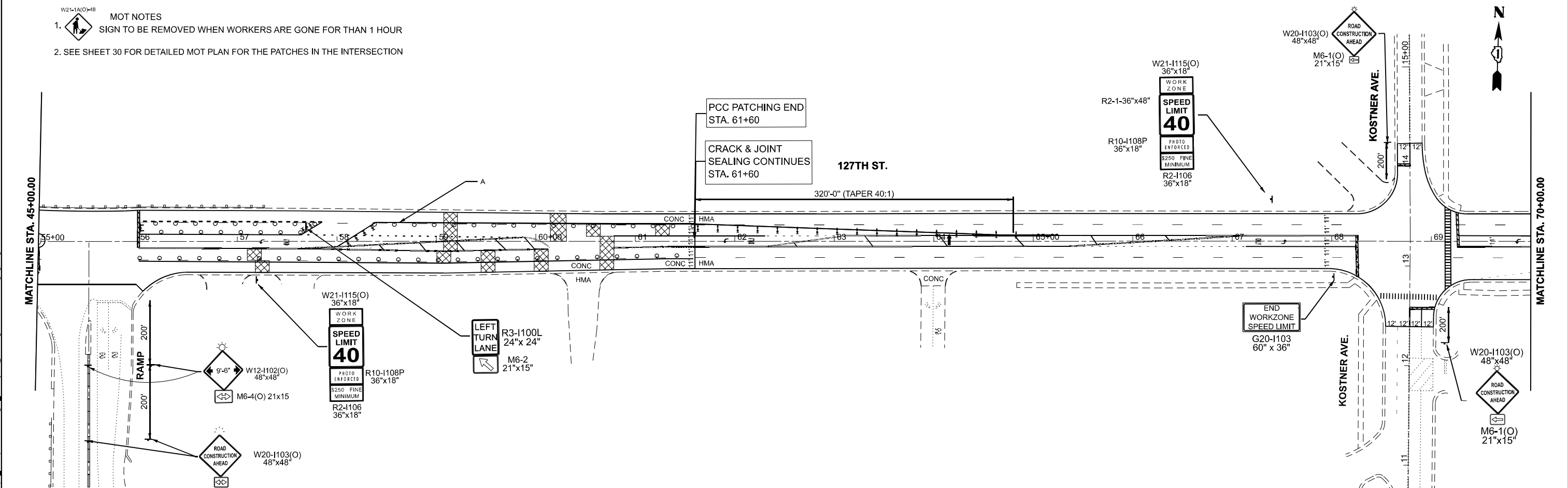
<b>MOT STAGE-03</b>			
<b>127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)</b>			
SCALE: 1"=50'	SHEET 12	OF 15 SHEETS	STA. 0+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	29
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



- TRAFFIC CONTROL LEGEND**
- ↑ FLASHING ARROW BOARD
  - ↓ DIRECTION INDICATOR BARRICADE (25' C-C)
  - TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
  - ⚡ TEMPORARY TRAFFIC ADVISORY SIGN
  - ⚡ TYPE III BARRICADE W/ FLASHING LIGHTS
  - ⚡ BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS

- MOT NOTES**
1. SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR
  2. SEE SHEET 30 FOR DETAILED MOT PLAN FOR THE PATCHES IN THE INTERSECTION



MODEL: MOT STAGE 3-01 - MOT STAGE 3-03 (Sheet)  
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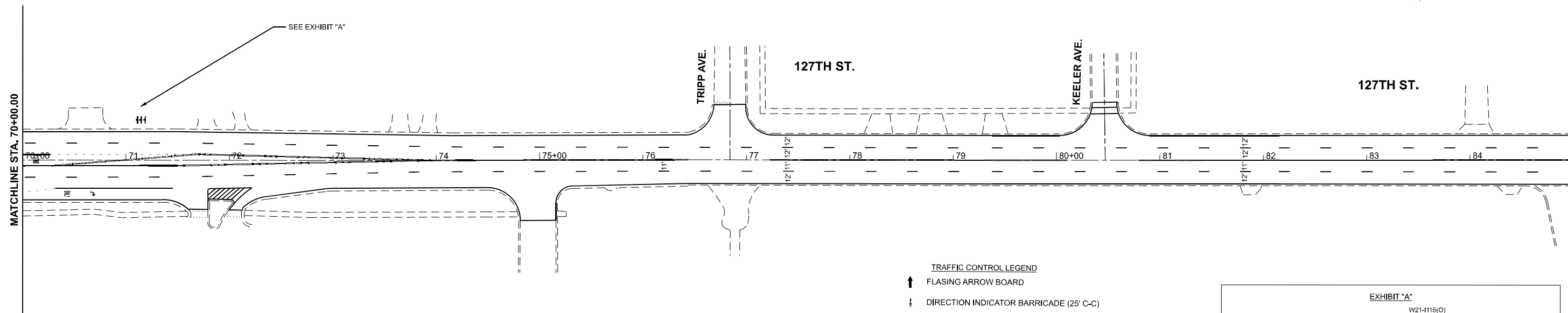
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PLOT DATE = 6/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

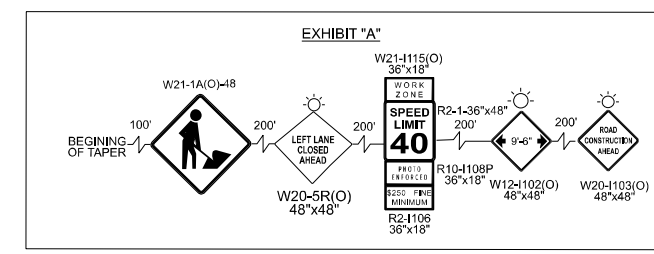
**MOT STAGE-03  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)**

SCALE: 1"=50'    SHEET 13 OF 15 SHEETS    STA. 30+00.00 TO STA. 60+00.00

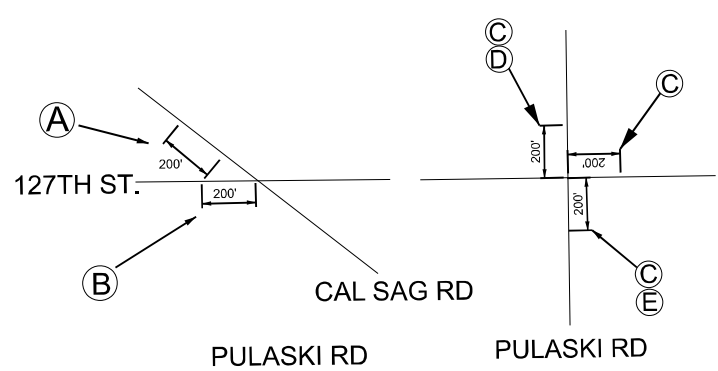
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	30
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				



- TRAFFIC CONTROL LEGEND**
- ↑ FLASHING ARROW BOARD
  - ⊥ DIRECTION INDICATOR BARRICADE (25' C-C)
  - TY II DRUMS OR BARRELS (50' C-C ON TANGENTS & 10' C-C ON RADIUS)
  - ⊥ TEMPORARY TRAFFIC ADVISORY SIGN
  - ⊥ TYPE III BARRICADE W/ FLASHING LIGHTS
  - ⊥ BEGINNING TEMPORARY TRAFFIC ADVISORY SIGNS



**ADVANCED MAX WIDTH**



**MOT NOTES**  
SIGN TO BE REMOVED WHEN WORKERS ARE GONE FOR THAN 1 HOUR

- A** W12-1102(O) 48"x48"  
M6-1(O)-2115
- B** MAX WIDTH 9'-6"  
2000 FT AHEAD  
W12-1103 48" x 48"
- C** MAX WIDTH 9'-6"  
3000 FT AHEAD  
W12-F103 48" x 48"
- D** M6-1(O)-2115
- E** M6-1(O)-2115

MODEL: MOT STAGE 3-01 - MOT STAGE 3-05 (Sheet)  
FILE NAME: c:\p\work\project\illinois.gov\_merlin.jose@illinois.gov\0936701\_Staging\_3.dgn

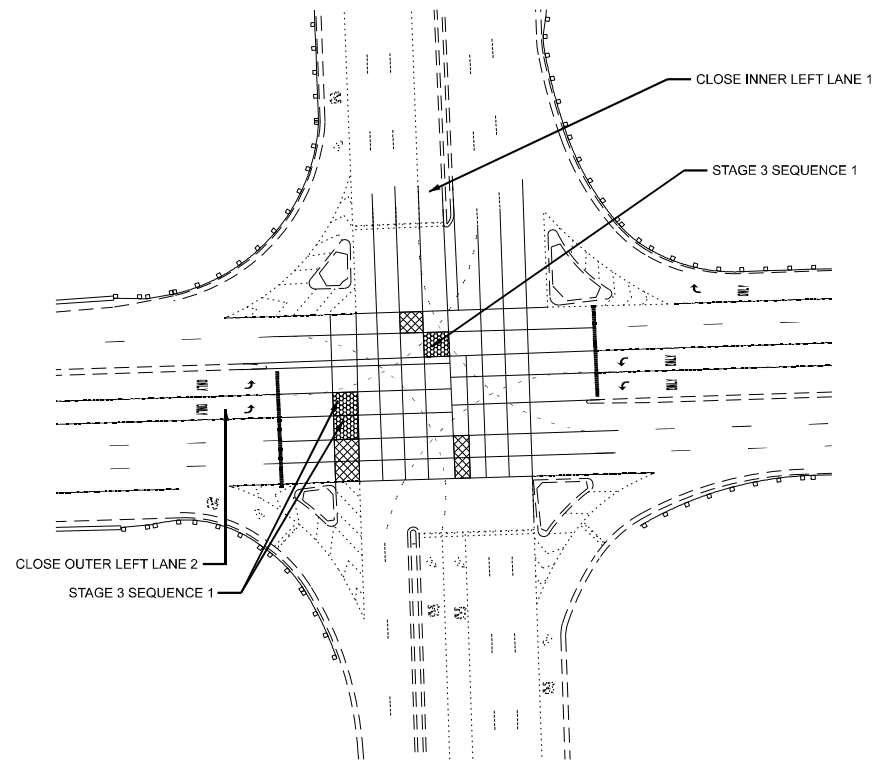
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MOT STAGE -03  
127TH ST.(CAL SAG CHANNEL TO ARTESIAN AVE.)**

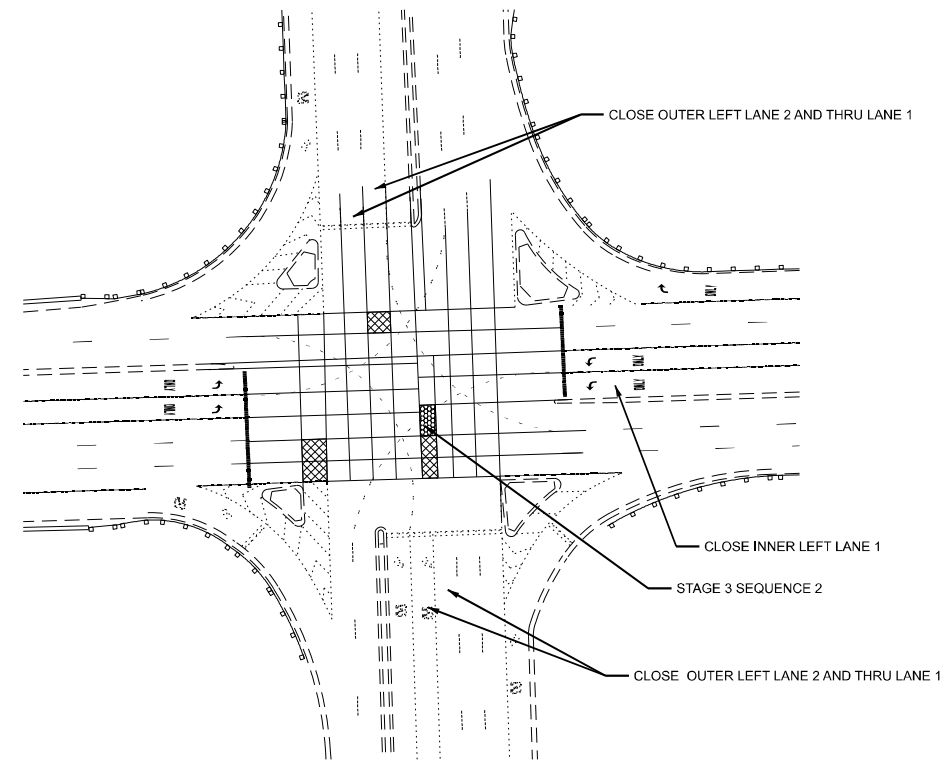
SCALE: 1"=50' SHEET 14 OF 15 SHEETS STA. 60+00.00 TO STA. 75+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	31
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				

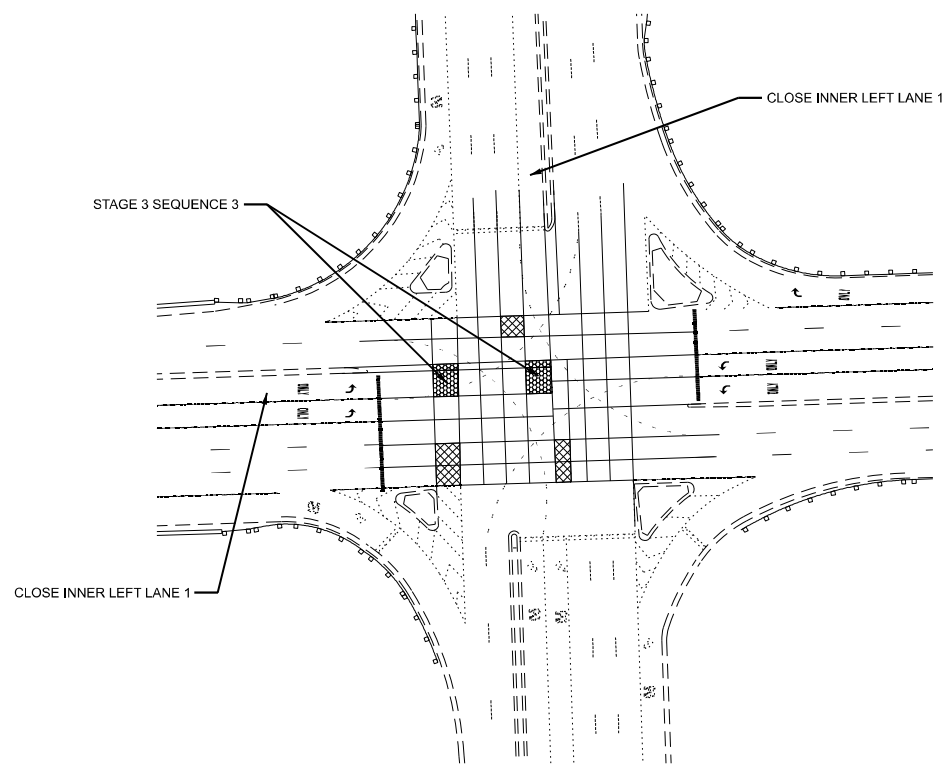


STAGE 3 SEQUENCE 1

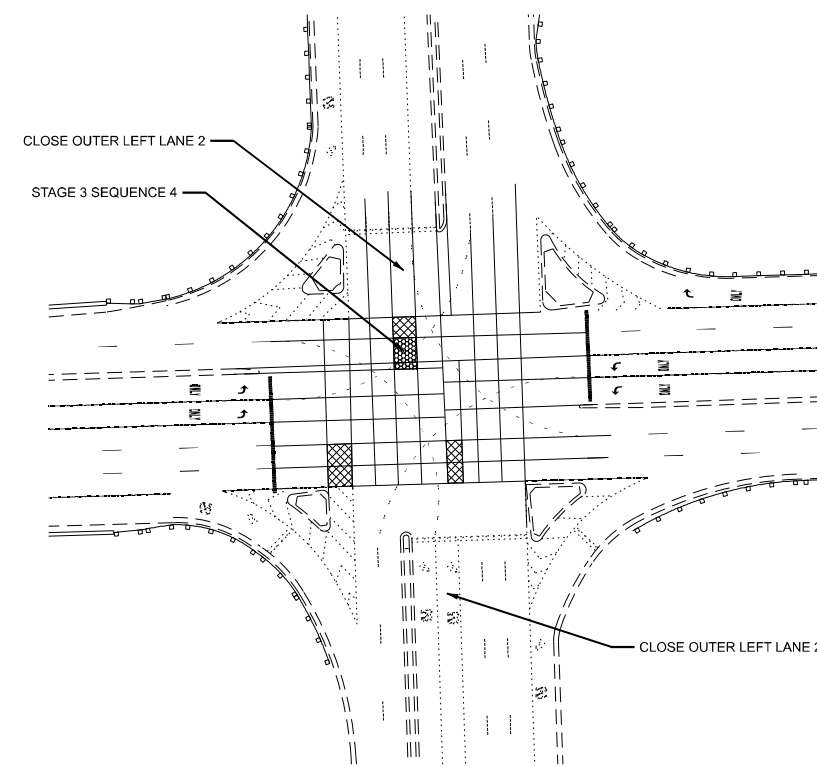
▣ — PATCHES COMPLETED DURING STAGE 1 & 2



STAGE 3 SEQUENCE 2



STAGE 3 SEQUENCE 3



STAGE 3 SEQUENCE 4

MODEL: STAGE 3 - INTERSECTION (Sheet)  
FILE NAME: c:\p\work\pav\illinois.gov\_merj.jose\illinois.gov\0936701 Staging\_3.dgn

USER NAME = merin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/5/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MOT STAGE -03  
127TH ST. (CAL SAG CHANNEL TO ARTESIAN AVE.)

SCALE: SHEET 15 OF 15 SHEETS STA. TO STA.

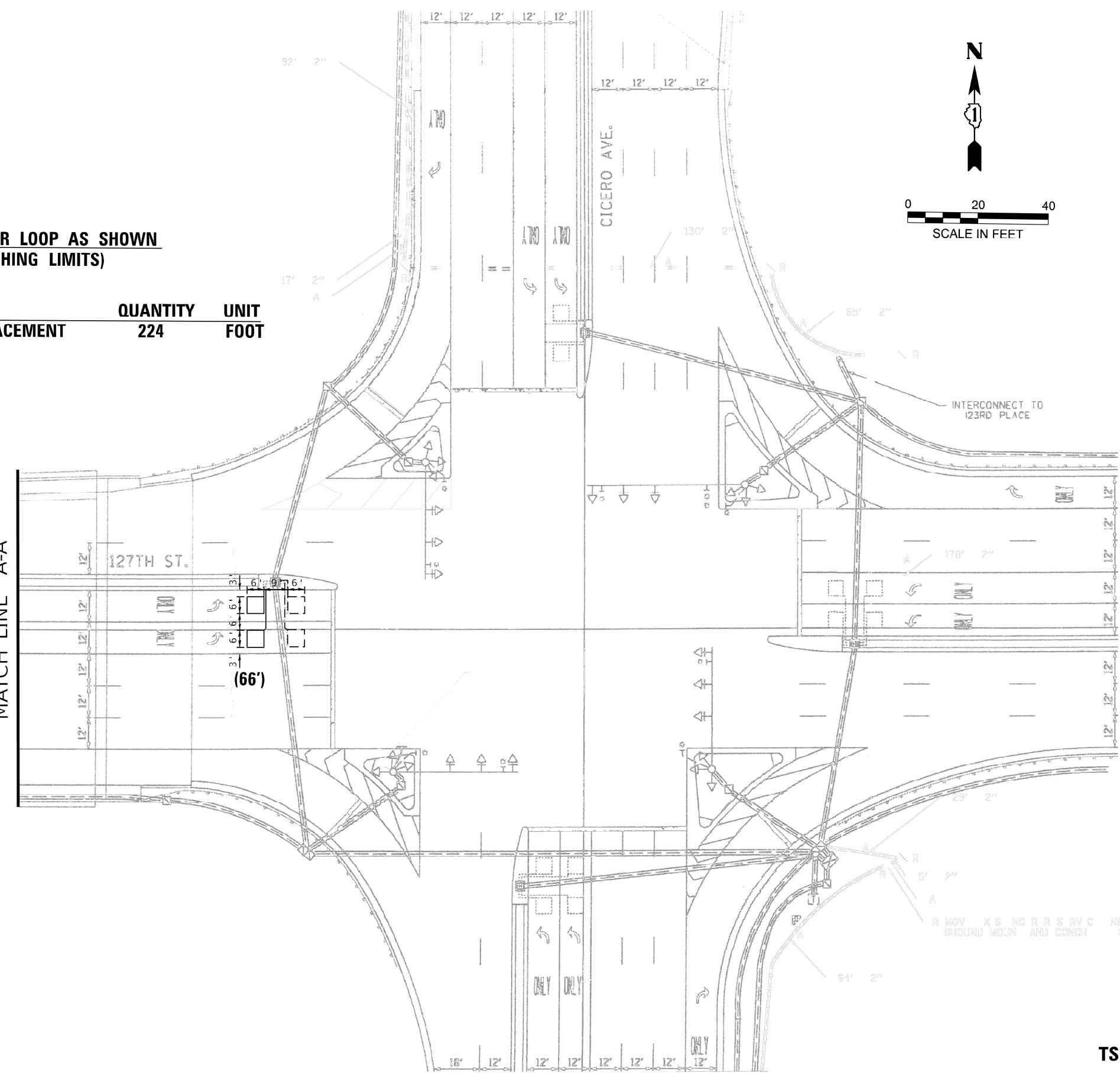
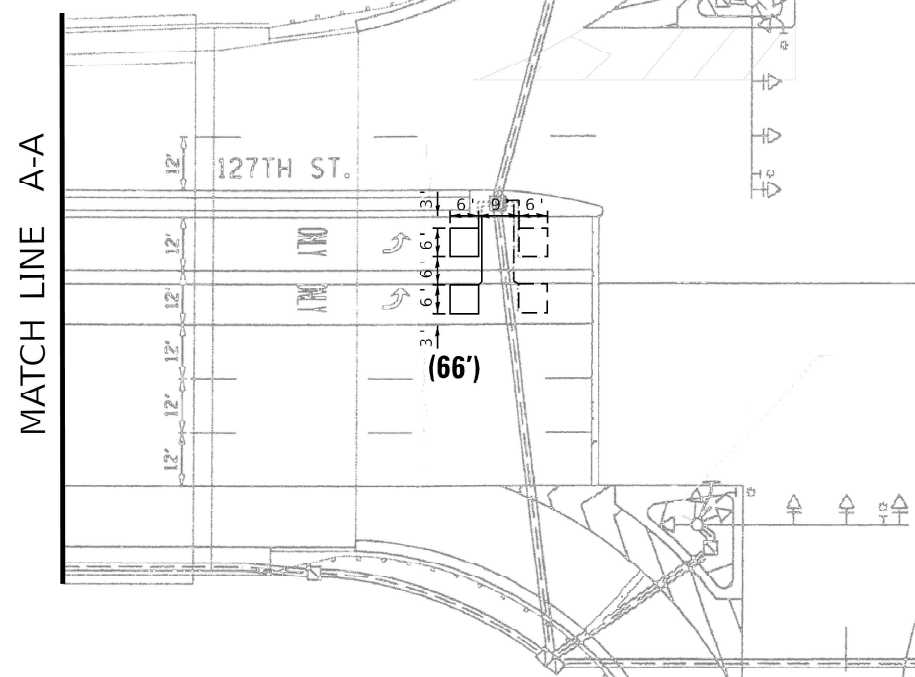
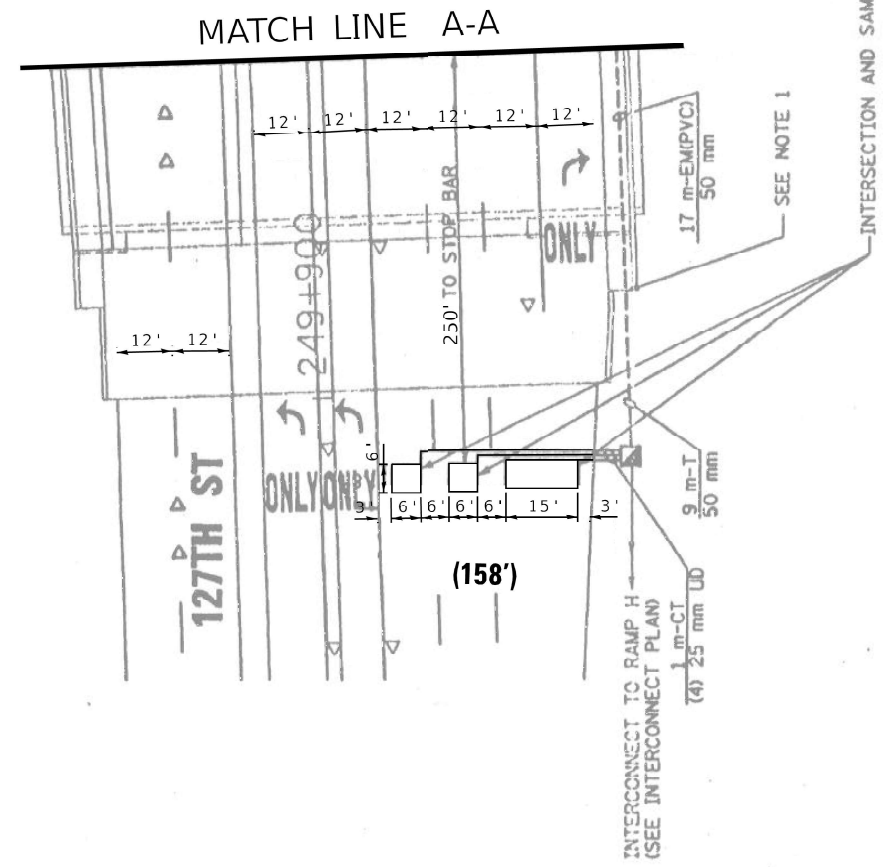
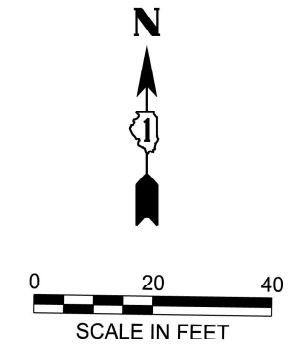
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	32
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON- METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

**REPLACE ALL DETECTOR LOOP AS SHOWN  
(WITHIN THE PATCHING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	224	FOOT



MODEL: DETECTOR LOOP -1 (Sheet)  
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**TS 2565  
ECON 143**

USER NAME = merin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/8/2026	DATE -	REVISED -

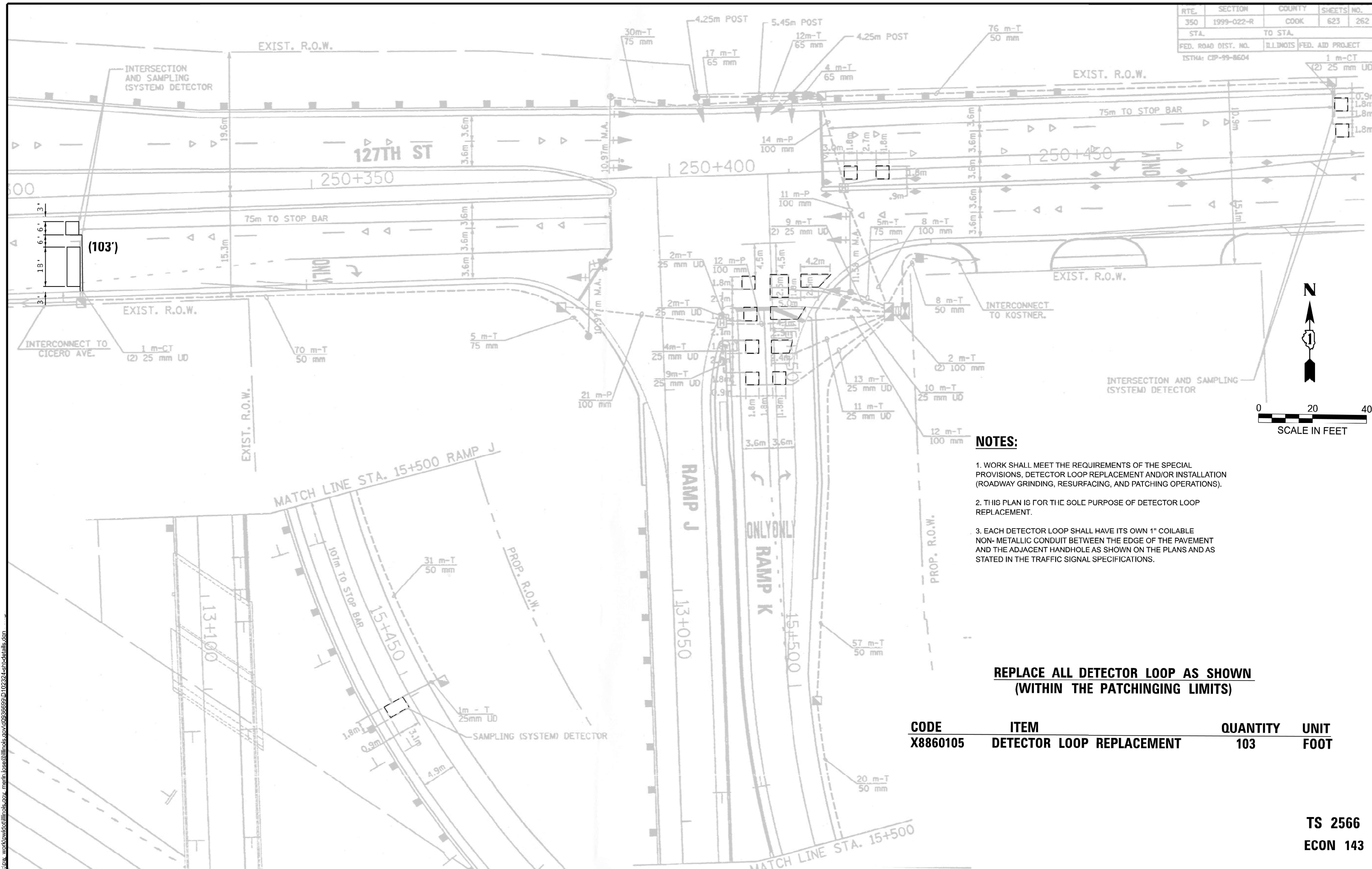
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
127TH ST. AT CICERO AVE.**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 344A	SECTION FAP 0344A 23 C&J	COUNTY COOK	TOTAL SHEETS 46	SHEET NO. 33
				CONTRACT NO. 62V45
ILLINOIS FED. AID PROJECT				

RTE.	SECTION	COUNTY	SHEETS NO.
350	1999-022-R	COOK	623 262
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
ISTHA: CIP-99-8604	1 m-CT (2) 25 mm UD		



**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

**REPLACE ALL DETECTOR LOOP AS SHOWN  
(WITHIN THE PATCHING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	103	FOOT

**TS 2566  
ECON 143**

USER NAME = merin.jose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/8/2026	DATE -	REVISED -

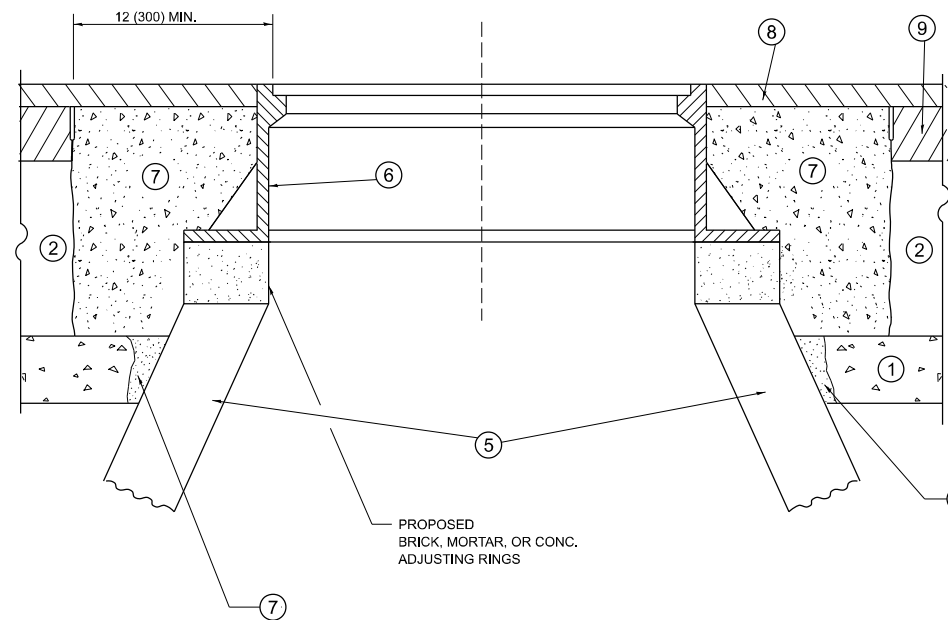
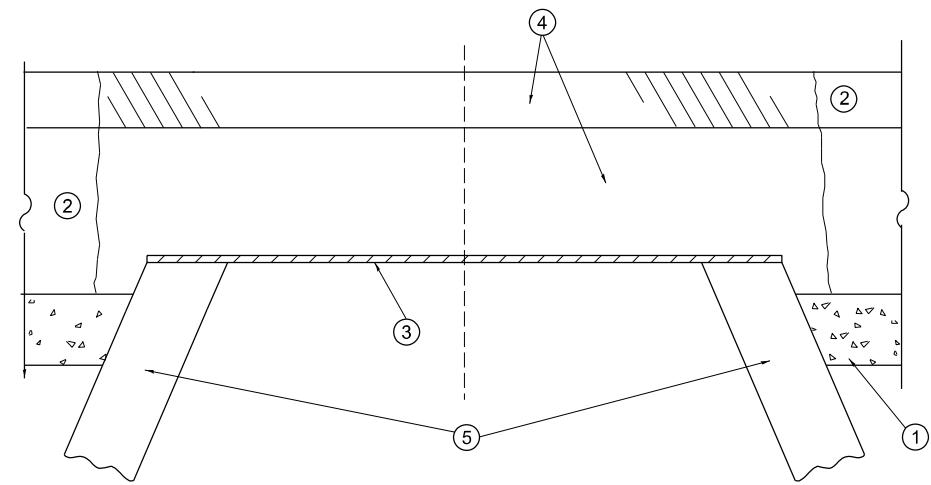
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
127TH ST. AT I-294 E RAMPS**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	34
CONTRACT NO. 62V45				
ILLINOIS FED. AID PROJECT				

MODEL: DETECTOR LOOP-2 (Sheet)  
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**DETAILS FOR FRAMES AND LIDS ADJUSTMENT  
WITH MILLING**

**NOTES**

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- |  |                               |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-2* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**LOCATION OF STRUCTURES**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT**

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - R. BORO 12-06-11
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 5/8/2026	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

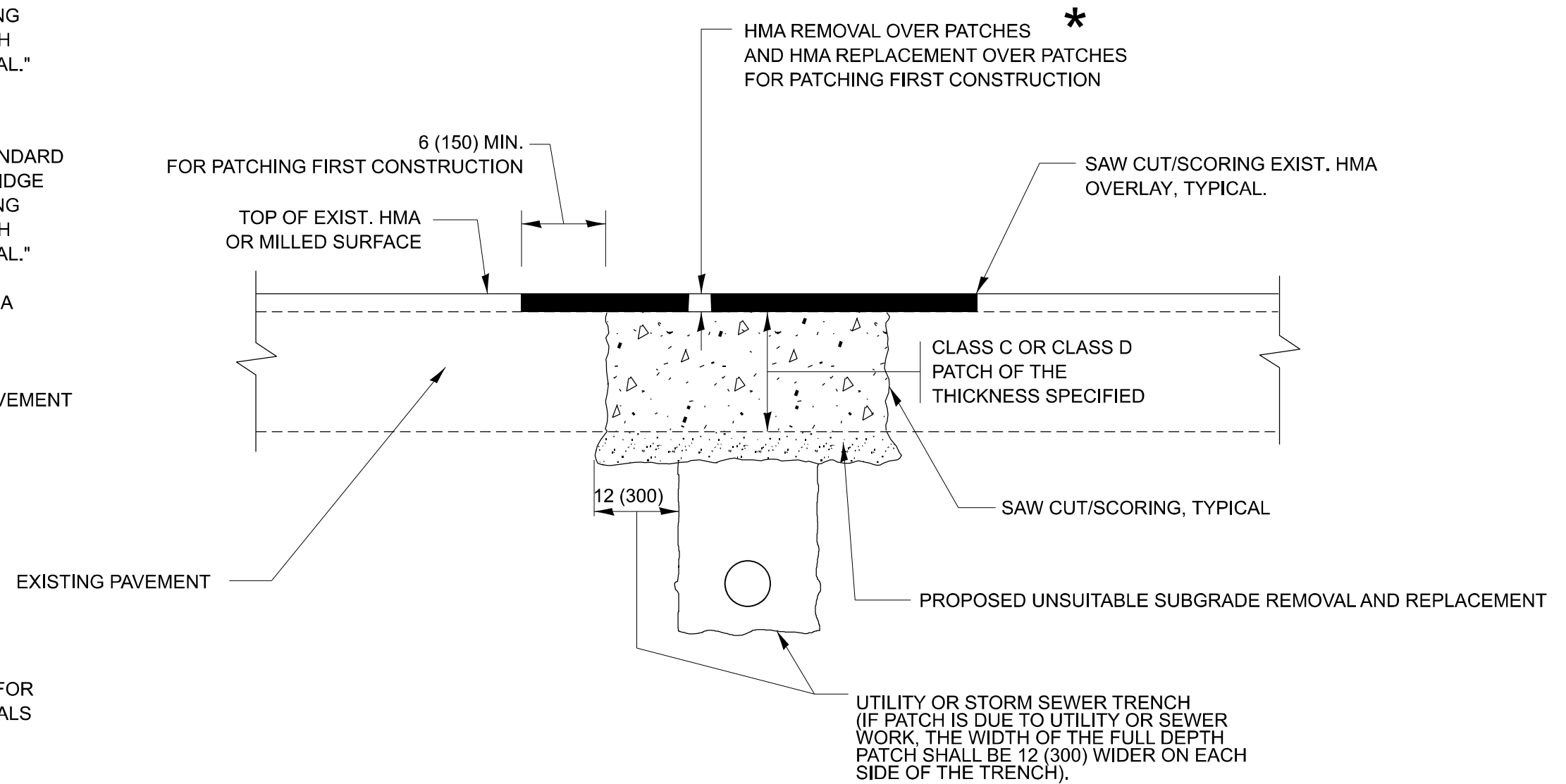
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	35
<b>BD600-03 (BD-08)</b>		CONTRACT NO. 62V45		
ILLINOIS FED. AID PROJECT				

## METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

## BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

## SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

## SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 ½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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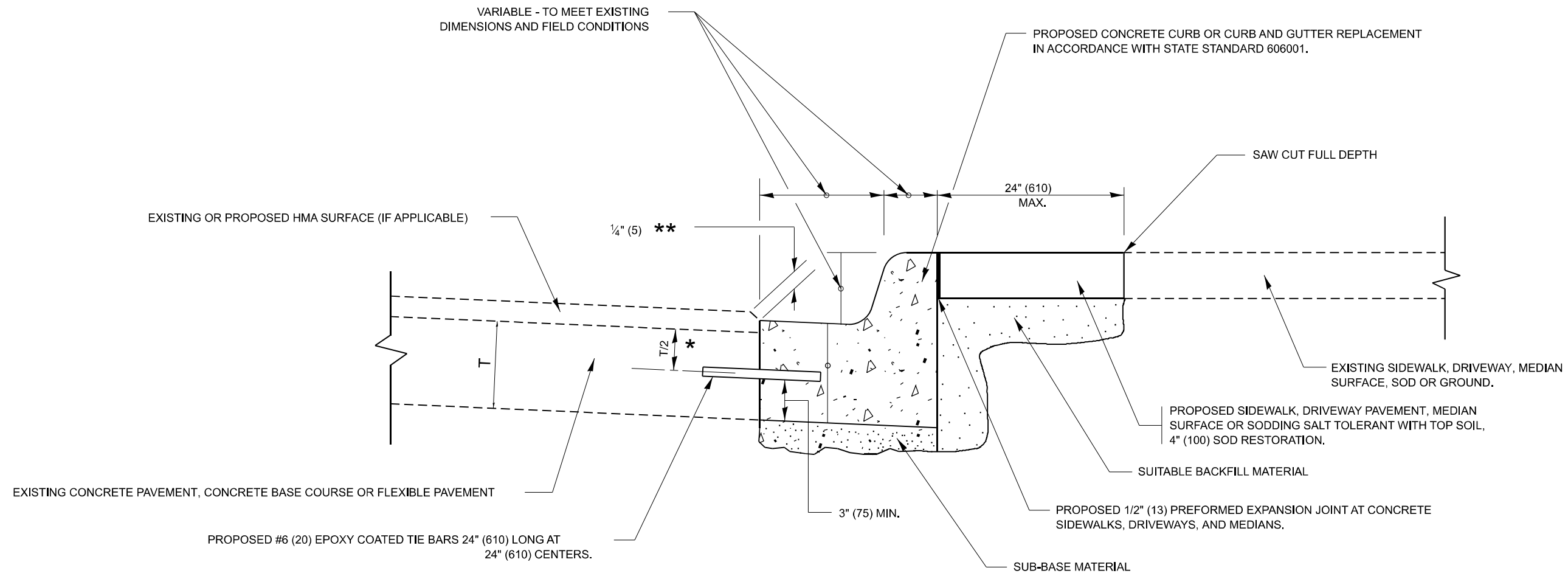
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	DRAWN -	REVISED - R. BORO 09-04-07
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PLOT DATE = 5/8/2026	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	36
BD400-04 (BD-22)			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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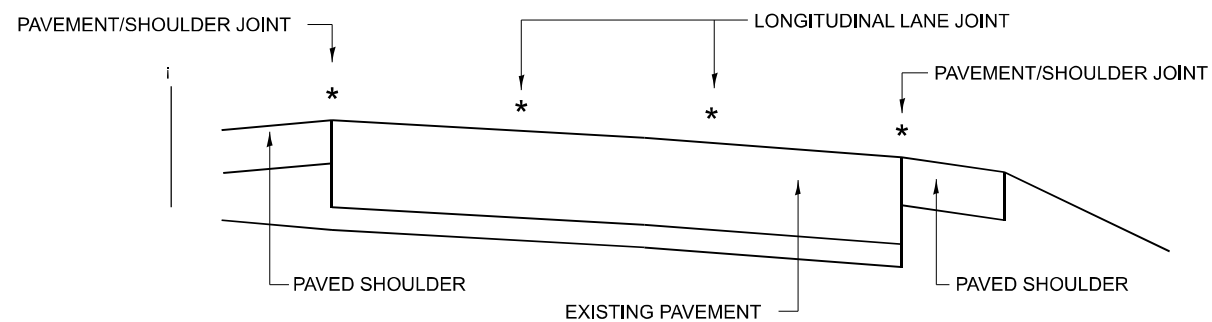
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PLOT DATE = 5/8/2026	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

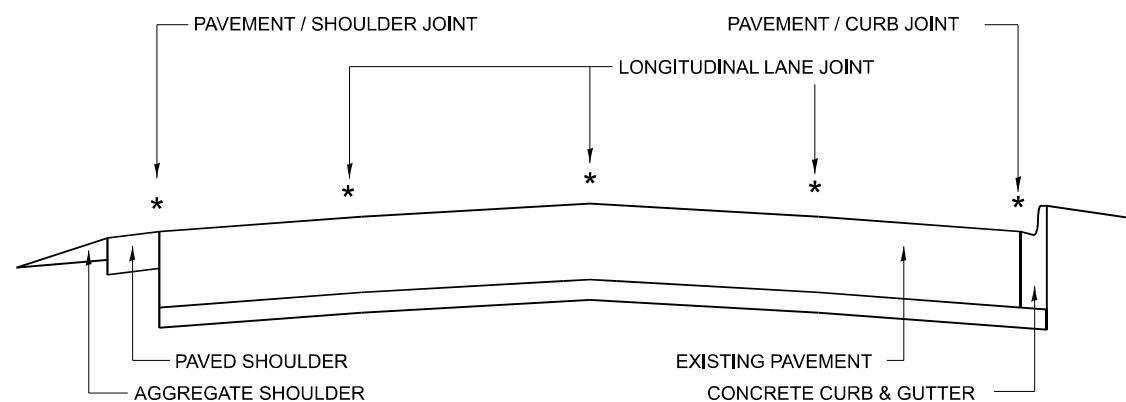
**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

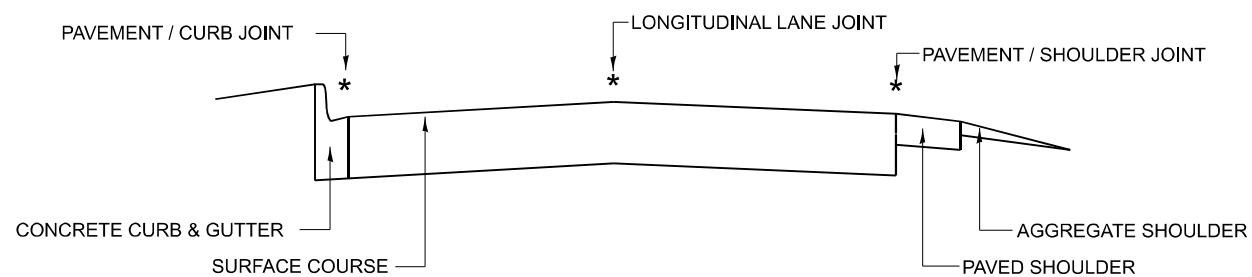
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344A	FAP 0344A 23 C&J	COOK	46	37
<b>BD600-06 (BD-24)</b>			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				



**MULTI-LANE DIVIDED PAVEMENT**



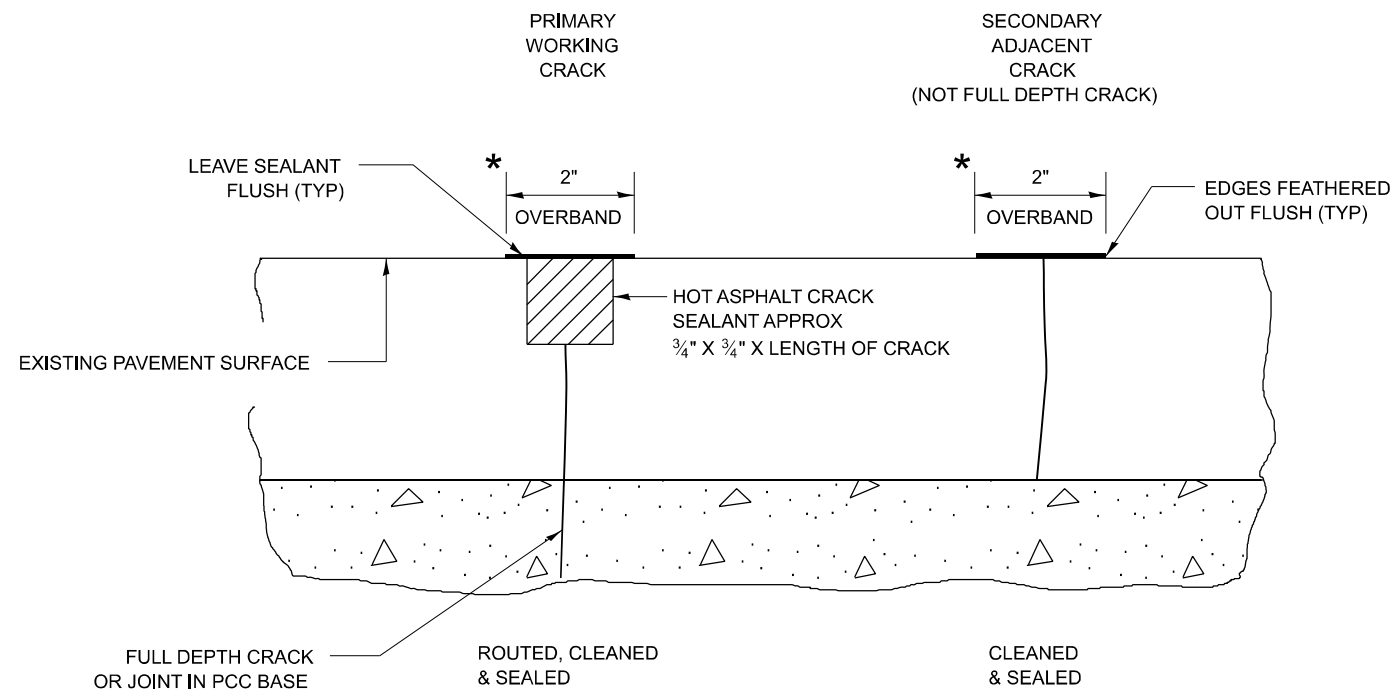
**MULTI-LANE UNDIVIDED PAVEMENT**



**TWO-LANE PAVEMENT**

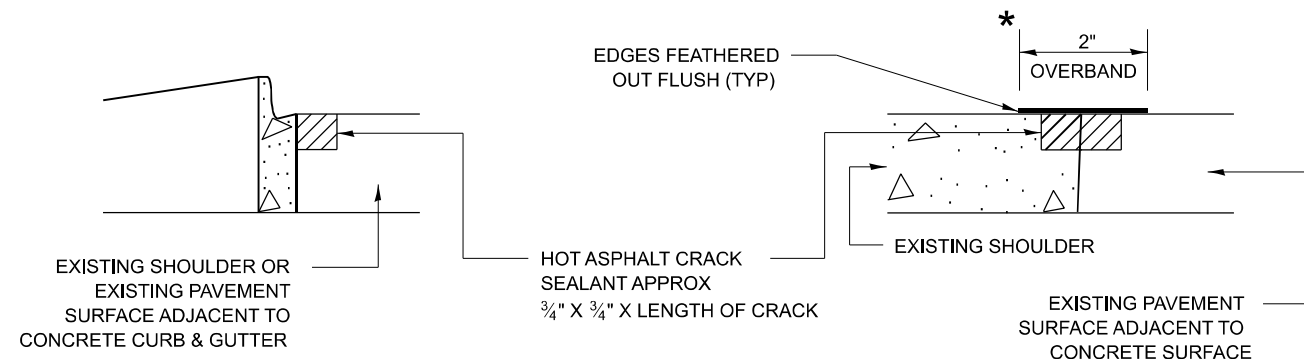
\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**GENERAL EXISTING TYPICAL SECTIONS  
(APPLIES TO HMA AND PCC PAVEMENTS)**



\* IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH MODIFIED URETHANE PAVEMENT MARKINGS.

**LONGITUDINAL JOINT**



**CRACK & JOINT SEALING DETAIL**

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PLOT DATE = 5/8/2026	CHECKED -	REVISED -
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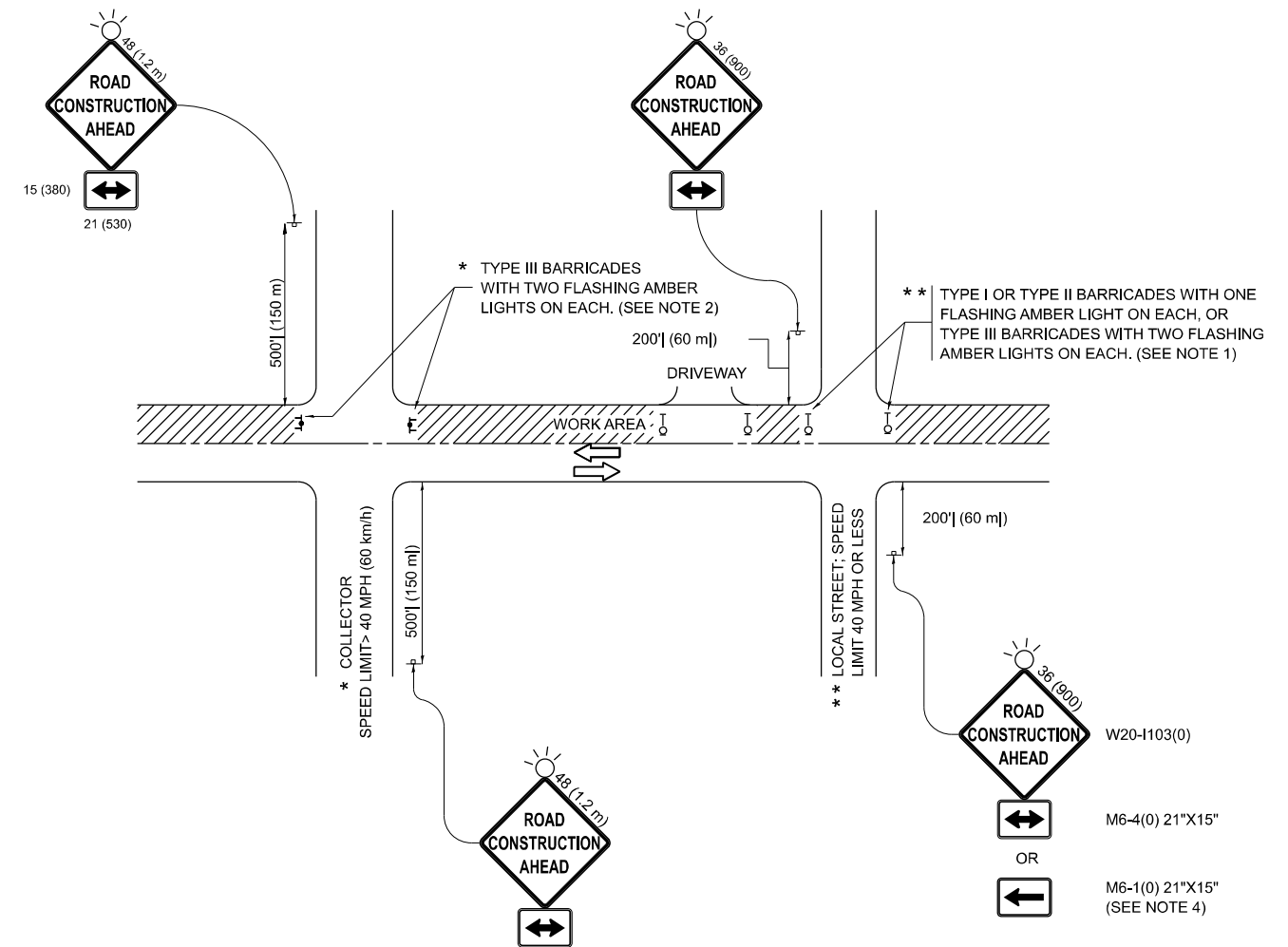
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CRACK & JOINT SEALING DETAIL  
(PD-11)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	38
PD-11		CONTRACT NO. 62V45		
ILLINOIS FED. AID PROJECT				

MODEL: TC-10 (Sheet)  
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**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S), THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

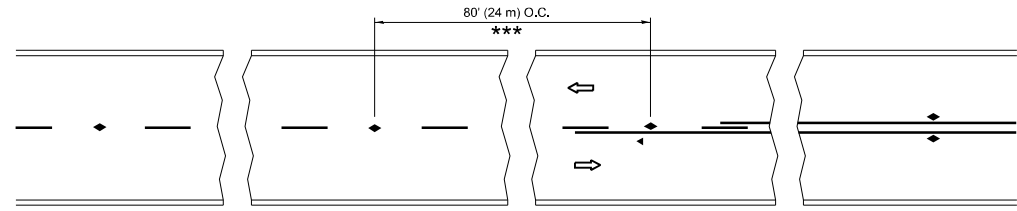
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DRAWN -	REVISIED - A. SCHUETZE 07-01-13	
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PLOT DATE = 5/8/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

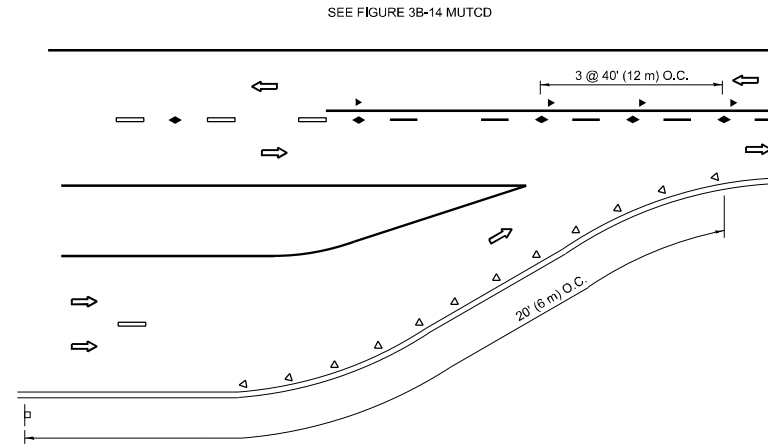
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	39
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ILLINOIS FED. AID PROJECT				

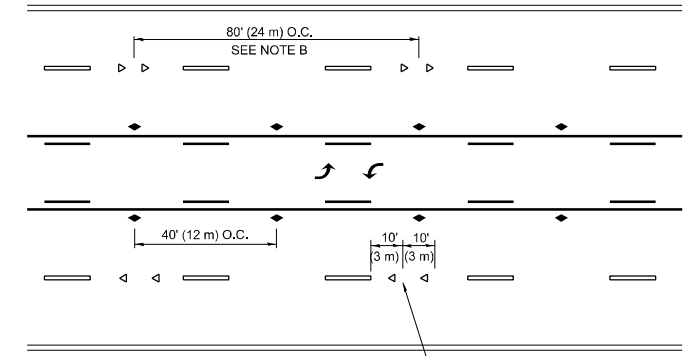


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

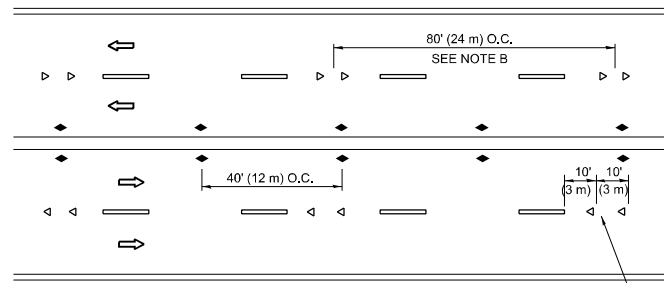
### TWO-LANE/TWO-WAY



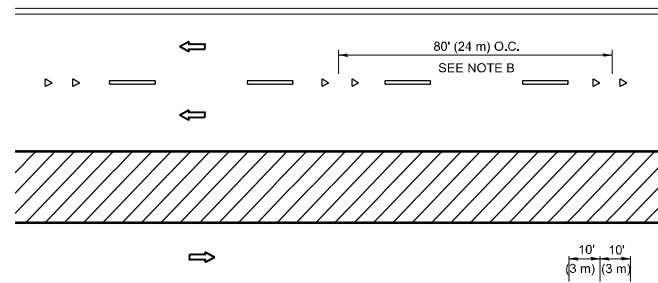
### LANE REDUCTION TRANSITION



### TWO-WAY LEFT TURN



### MULTI-LANE/UNDIVIDED



### MULTI-LANE/DIVIDED

### GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

### SYMBOLS

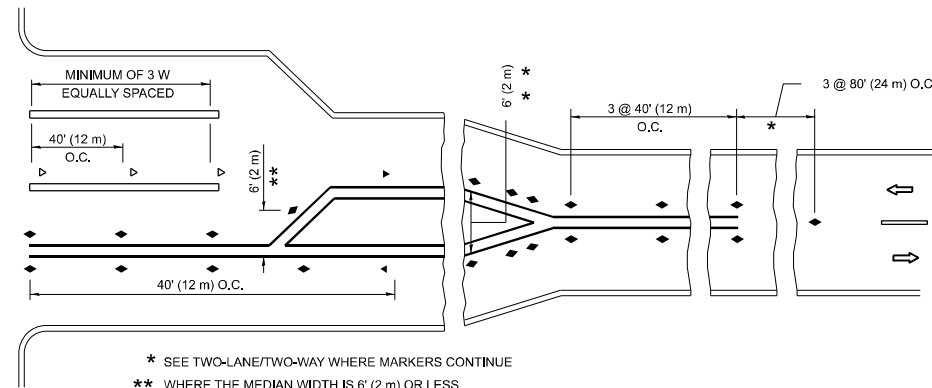
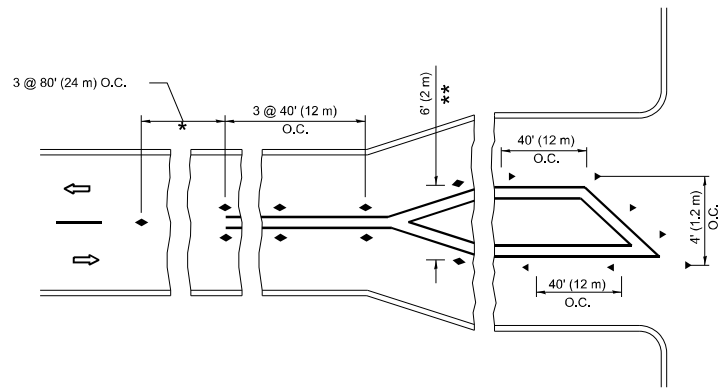
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

### LANE MARKER NOTES

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

### DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



### TURN LANES

- \* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

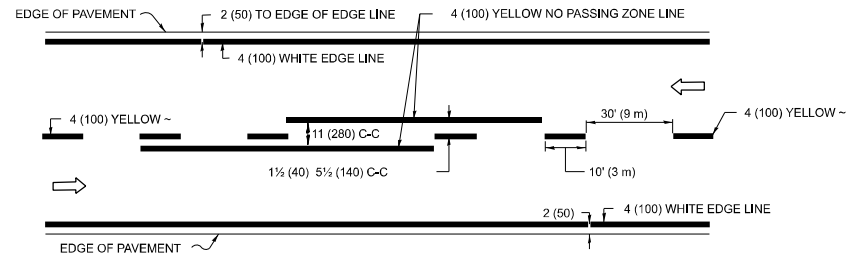
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 5/8/2026	DATE -	REVISED - C. JUCIUS 07-01-13

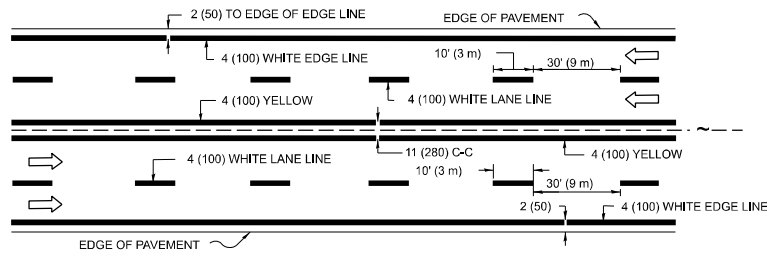
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

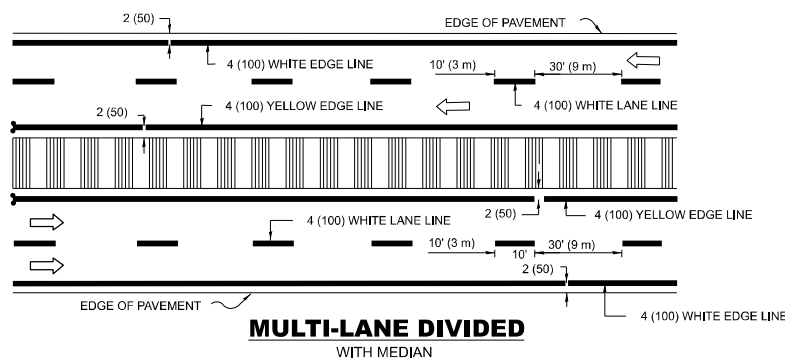
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	40
TC-11			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				



### 2-LANE ROADWAY

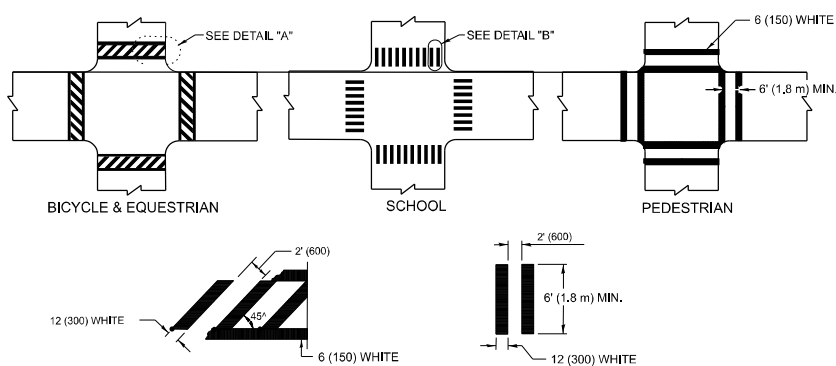


### MULTI-LANE UNDIVIDED



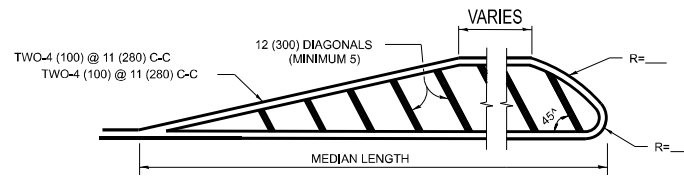
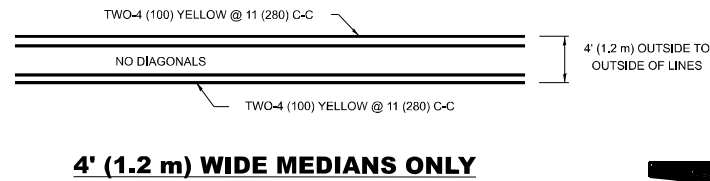
### MULTI-LANE DIVIDED WITH MEDIAN

### TYPICAL LANE AND EDGE LINE MARKING



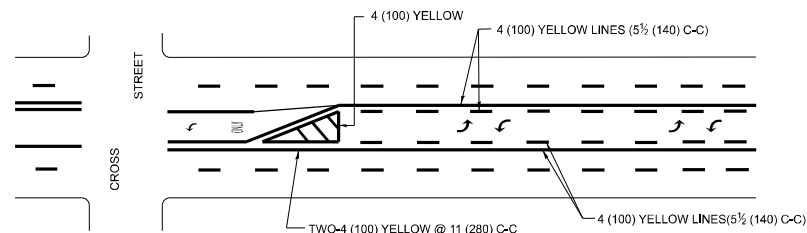
### DETAIL "A" TYPICAL CROSSWALK MARKING

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

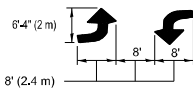


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

### MEDIANS OVER 4' (1.2 m) WIDE

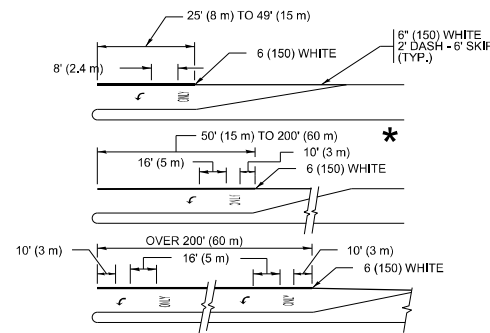


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



### MEDIAN WITH TWO-WAY LEFT TURN LANE

### TYPICAL PAINTED MEDIAN MARKING

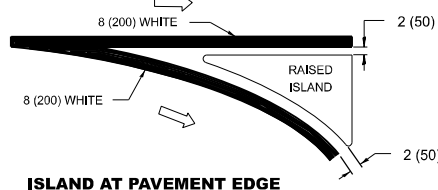
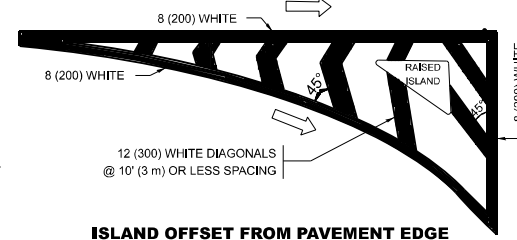


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

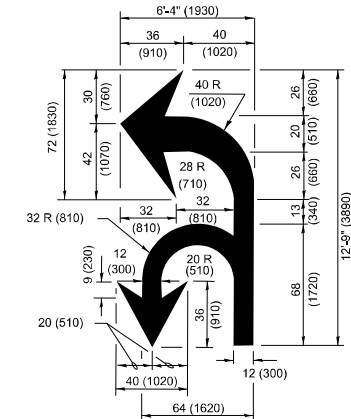
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

### TYPICAL LEFT (OR RIGHT) TURN LANE

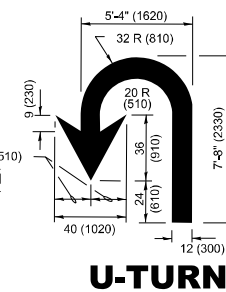
### TYPICAL TURN LANE MARKING



### TYPICAL ISLAND MARKING



### COMBINATION LEFT AND U-TURN



### LANE REDUCTION TRANSITION

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

MODEL: TC13 (Sheet)  
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merjose	EVERS	C. JUCIUS 09-09-09
	DRAWN	C. JUCIUS 07-01-13
	CHECKED	C. JUCIUS 12-21-15
	DATE	C. JUCIUS 04-12-16
PLOT DATE	DATE	REVISED
5/8/2026	03-19-90	C. JUCIUS 04-12-16

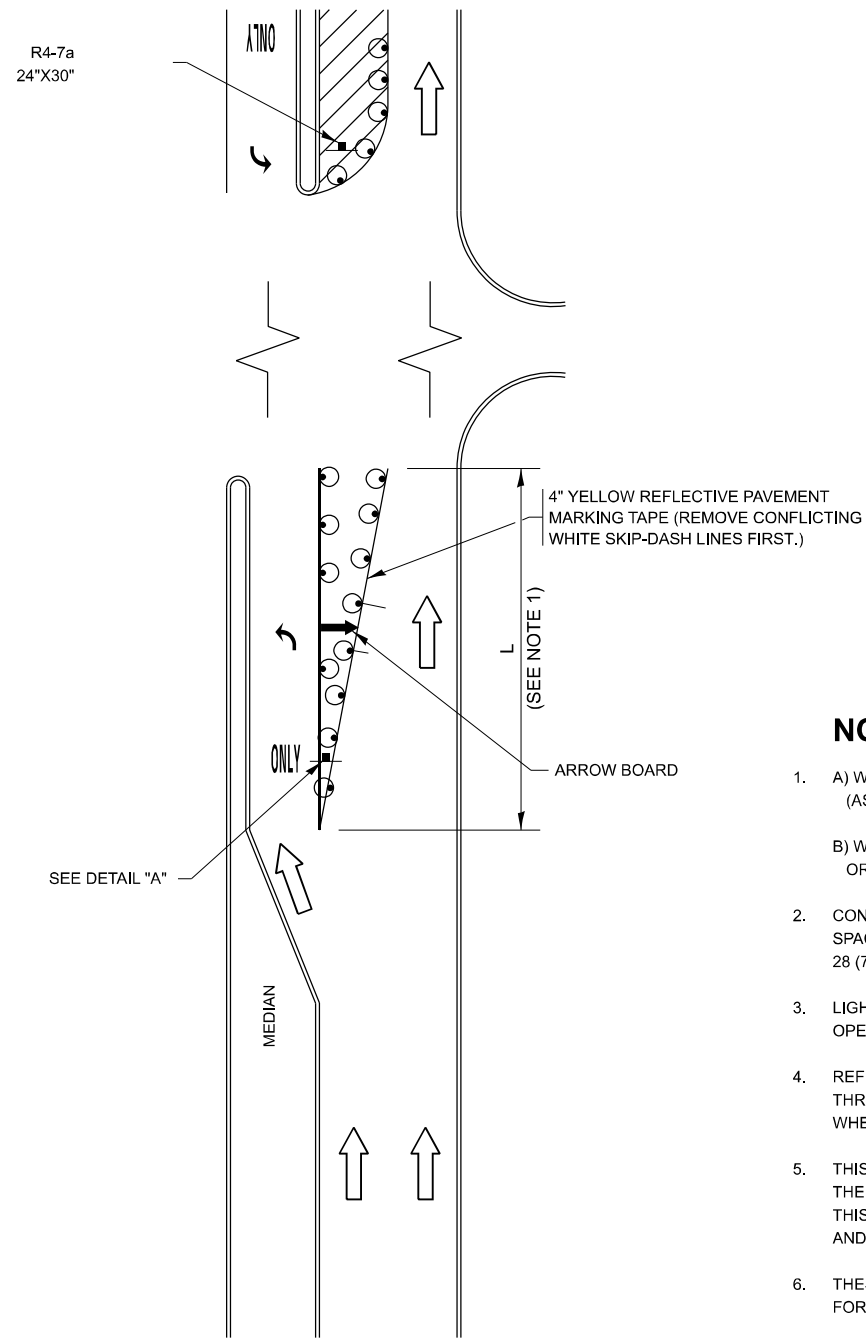
### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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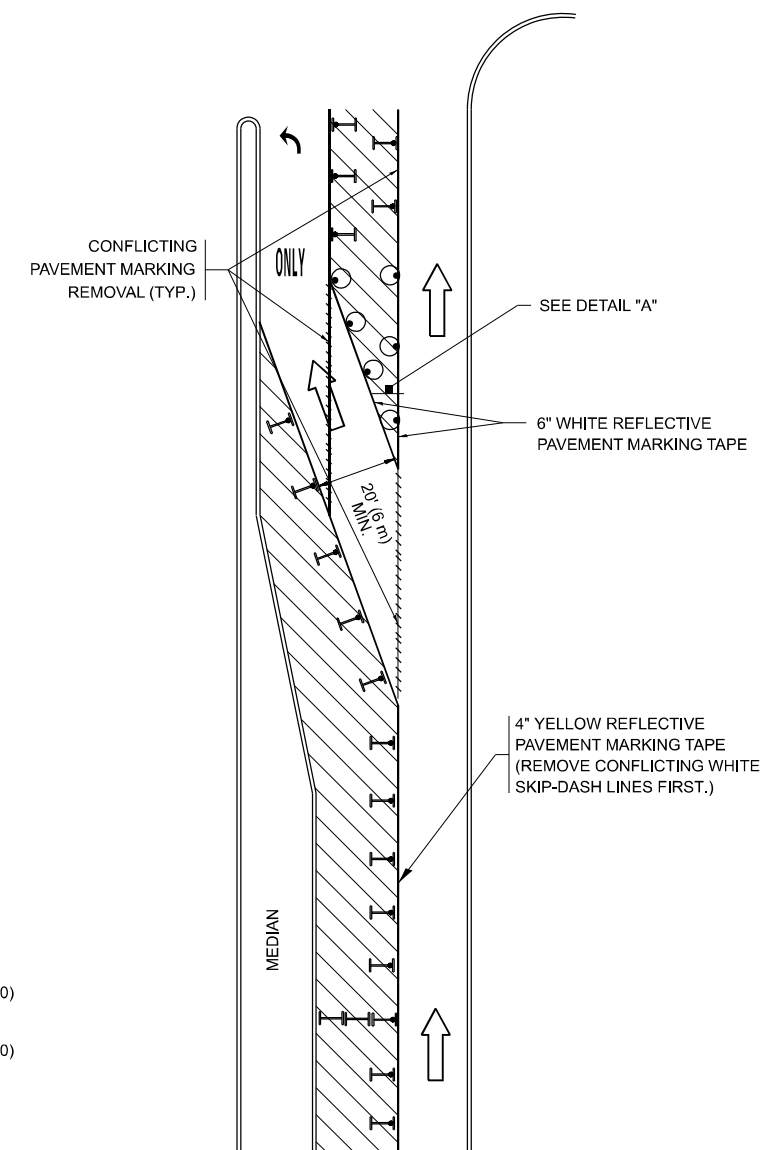
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	41
TC-13			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



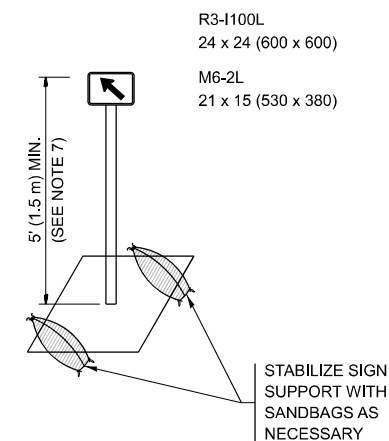
**FIGURE 2**

### LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

### NOTES:

1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



**DETAIL A**

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

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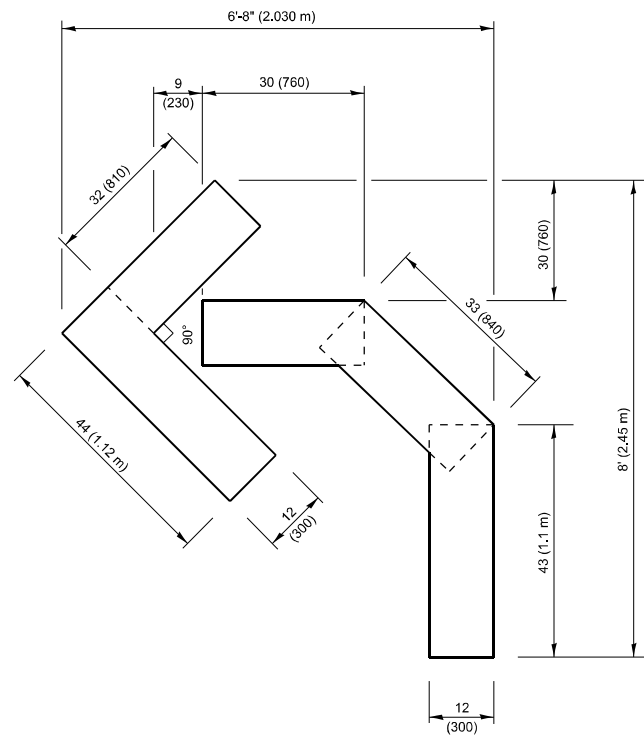
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/8/2026	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

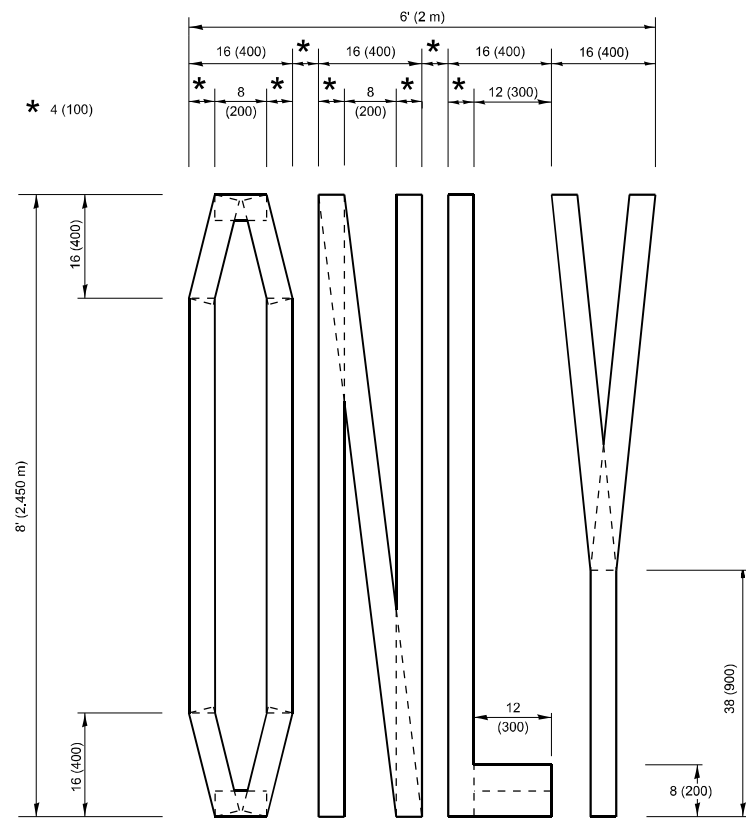
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-14</b>		CONTRACT NO. 62V45		
ILLINOIS FED. AID PROJECT				



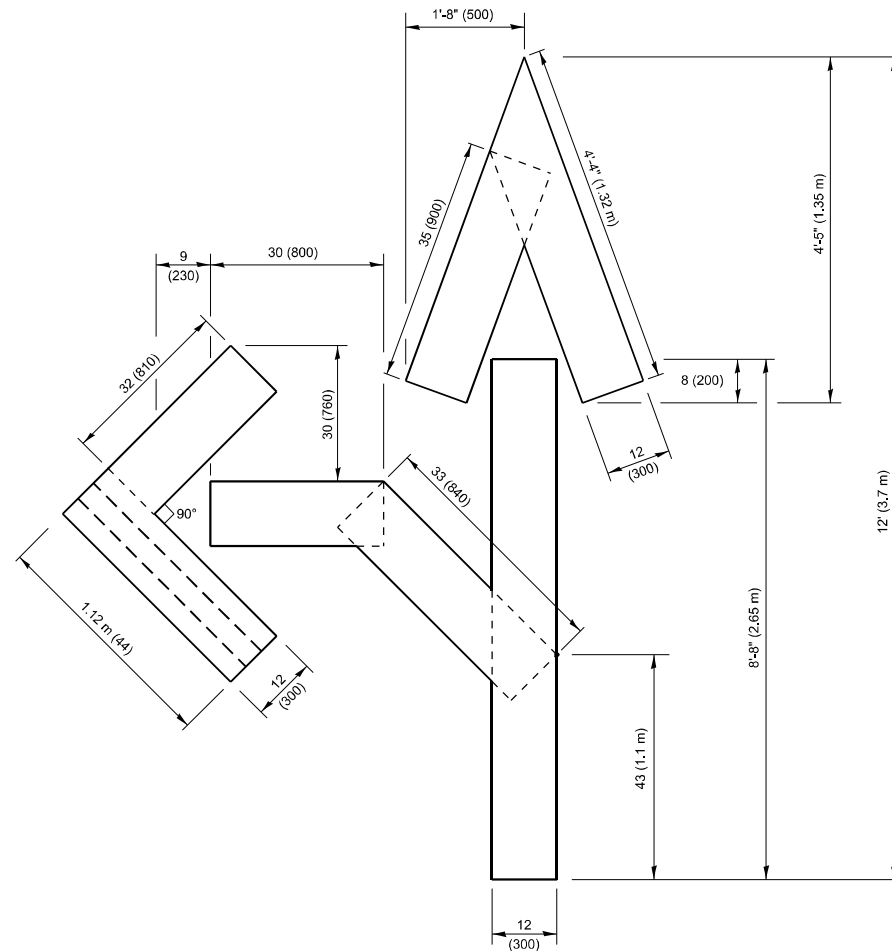
**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)

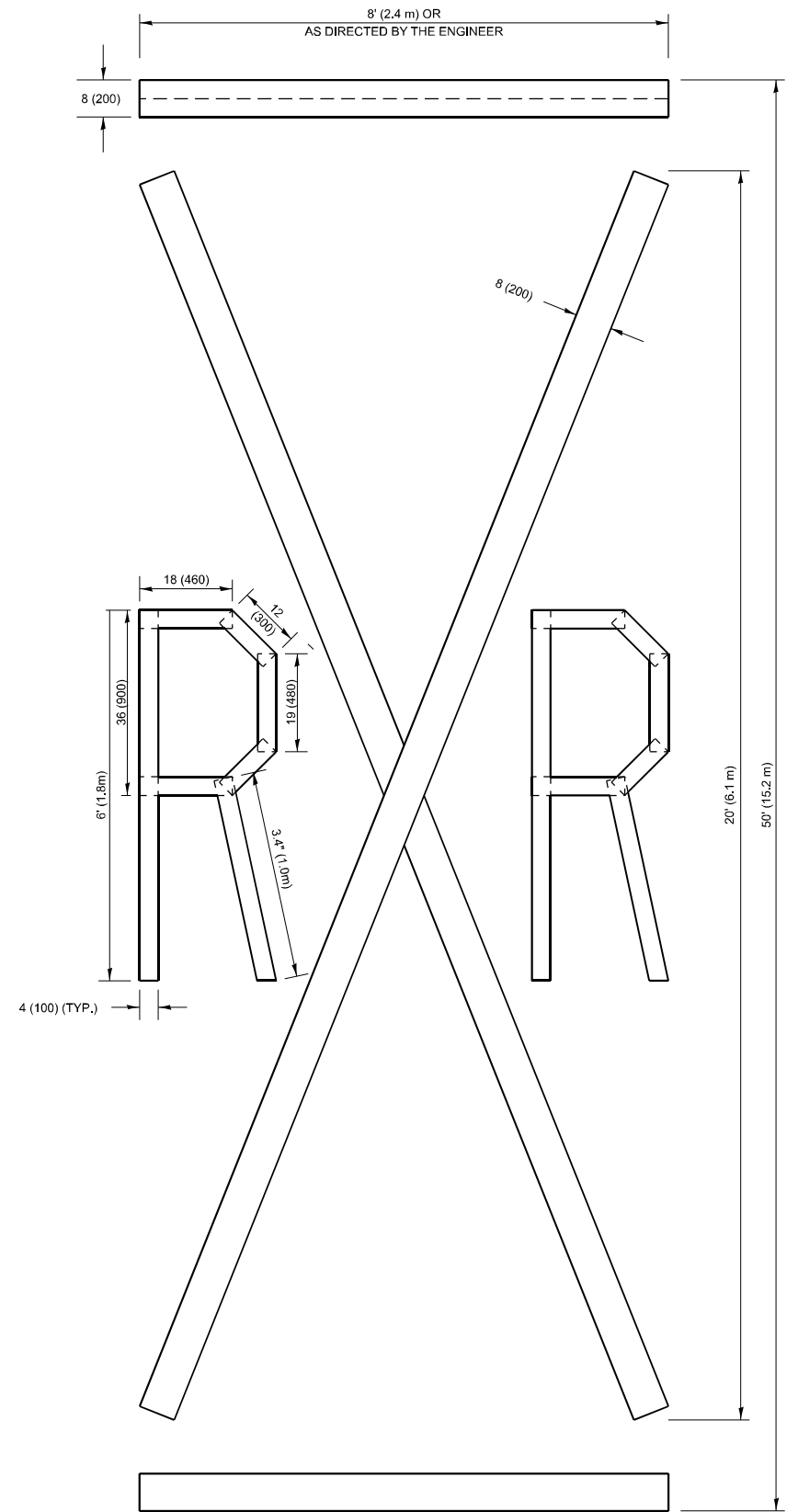


**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

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

MODEL: TC-16 (Sheet)  
FILE NAME: c:\p\work\pav\illinois.gov\_merlin.jose@illinois.gov\0936699\0102324-shr+DistSigs.dgn

USER NAME = merlin.jose	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 5/8/2026	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	43
<b>TC-16</b>		CONTRACT NO. 62V45		
ILLINOIS FED. AID PROJECT				

MODEL: TC-21 (Sheet)  
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**ROUTE MARKERS**

FOR U.S. ROUTES  
M1-40-2424

FOR ILLINOIS ROUTES  
M1-50-2424

**MAIN STREET**  
 R.R. UNMARKED ROUTES  
 SPECIAL 24" x 18" VARIABLE  
 4" BLACK LETTERS ON WHITE  
 REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

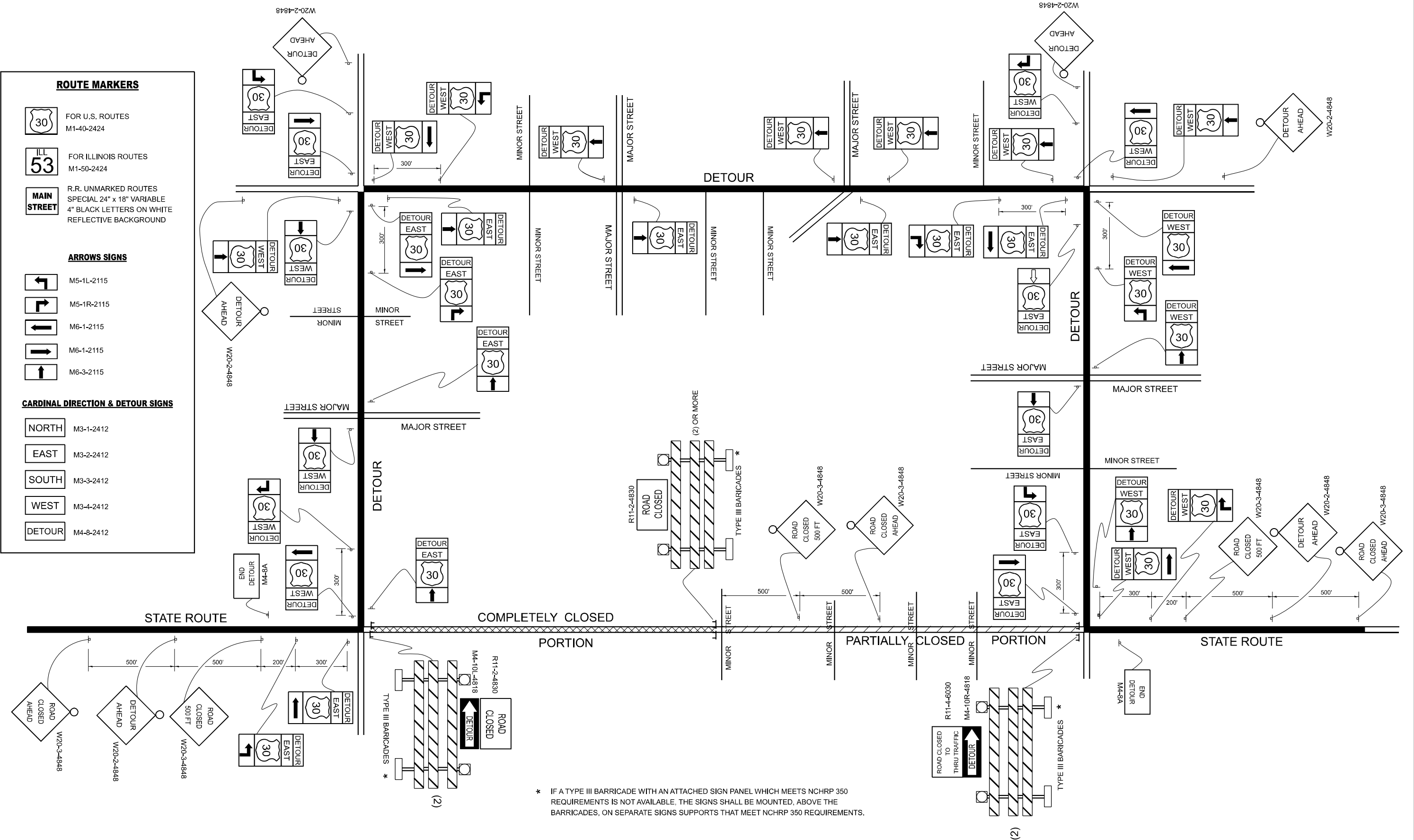
**NORTH** M3-1-2412

**EAST** M3-2-2412

**SOUTH** M3-3-2412

**WEST** M3-4-2412

**DETOUR** M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

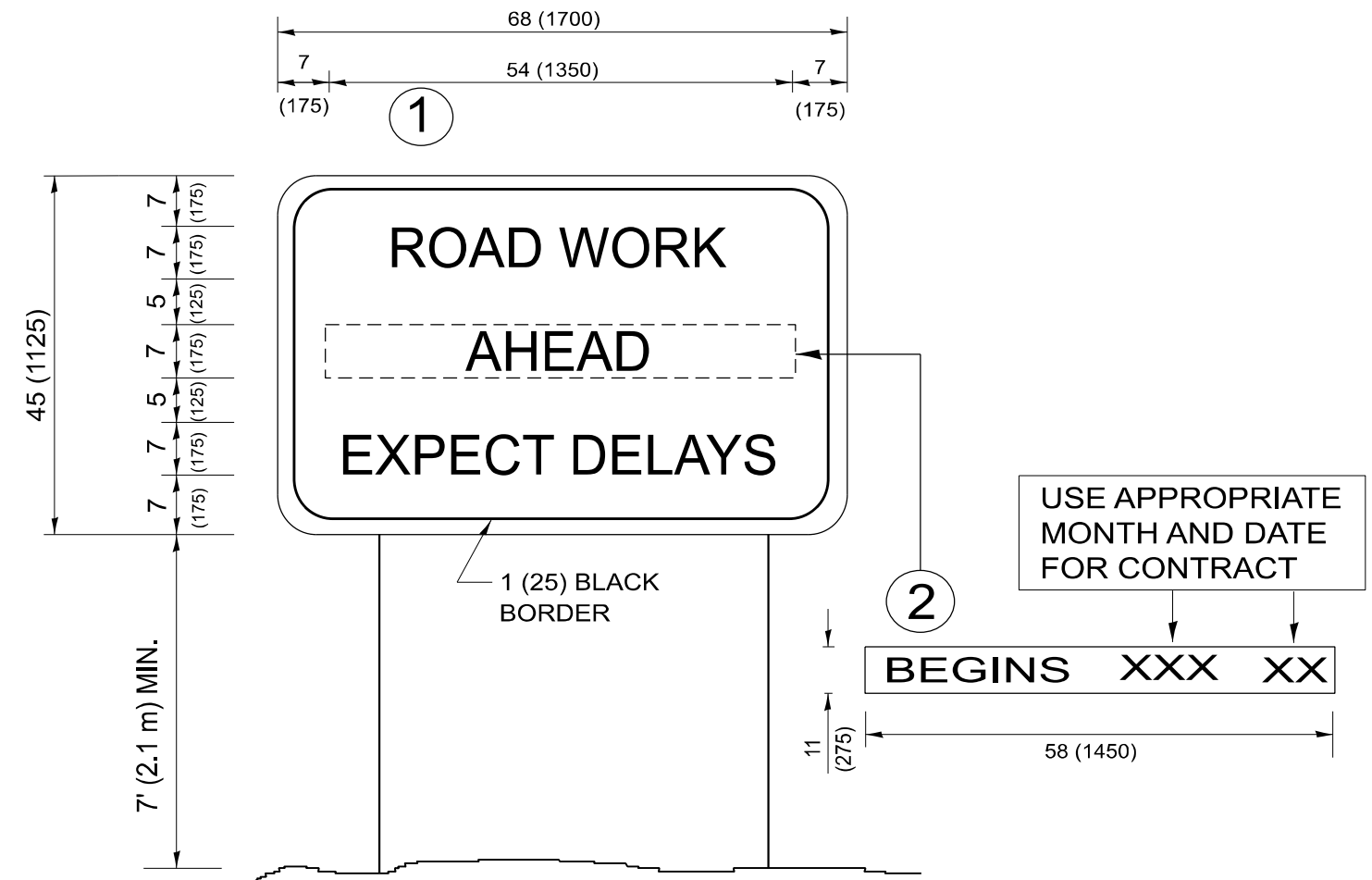
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	DRAWN -	REVISED - R. BORO 09-14-09
	CHECKED -	REVISED -
PLOT DATE = 5/8/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING  
 FOR CLOSING STATE HIGHWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	44
<b>TC-21</b>		CONTRACT NO. 62V45		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

MODEL: TC-22 (Sheet)  
FILE NAME: c:\p\work\project\illinois.gov\_merit\_jose\0936699\102324-sh+DistSigs.dgn

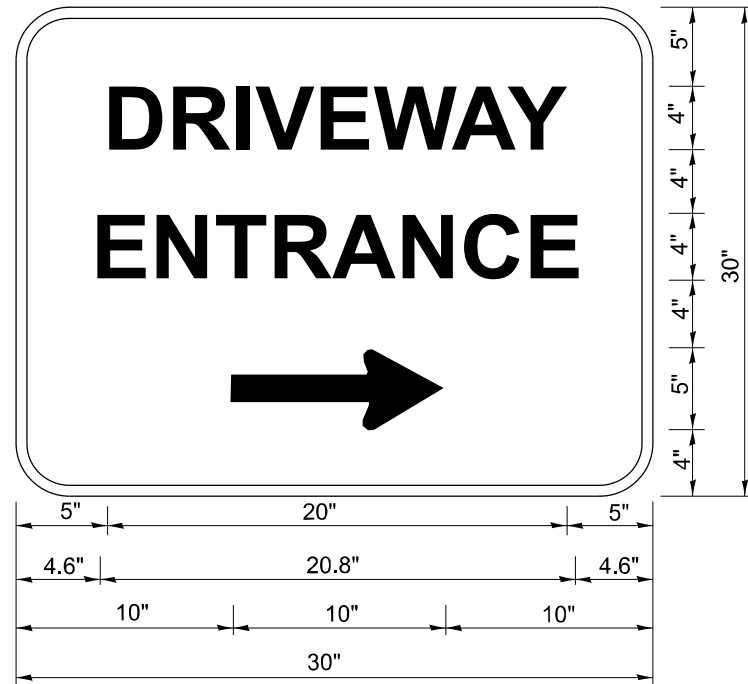
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PLOT DATE = 5/8/2026	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	45
<b>TC-22</b>			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: TC-26 (Sheet)  
 FILE NAME: c:\p\work\pwr\illinois.gov\_merit\_jose@illinois.gov\0936699\102324-shr-DistSigs.dgn

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 5/8/2026	DATE -	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344A	FAP 0344A 23 C&J	COOK	46	46
<b>TC-26</b>			CONTRACT NO. 62V45	
ILLINOIS FED. AID PROJECT				