

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	1
		ILLINOIS	CONTRACT NO. 62V78	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 347: IL 38 / ROOSEVELT RD.  
W. OF ELM RD. TO E. OF TECHNOLOGY BLVD.  
SECTION: FAP 0347 23 C&J2  
CRACK AND JOINT SEALING  
KANE AND DUPAGE COUNTIES

C-91-064-24

THE IMPROVEMENT IS LOCATED IN THE  
CITIES OF GENEVA AND WEST CHICAGO

**TRAFFIC DATA:**

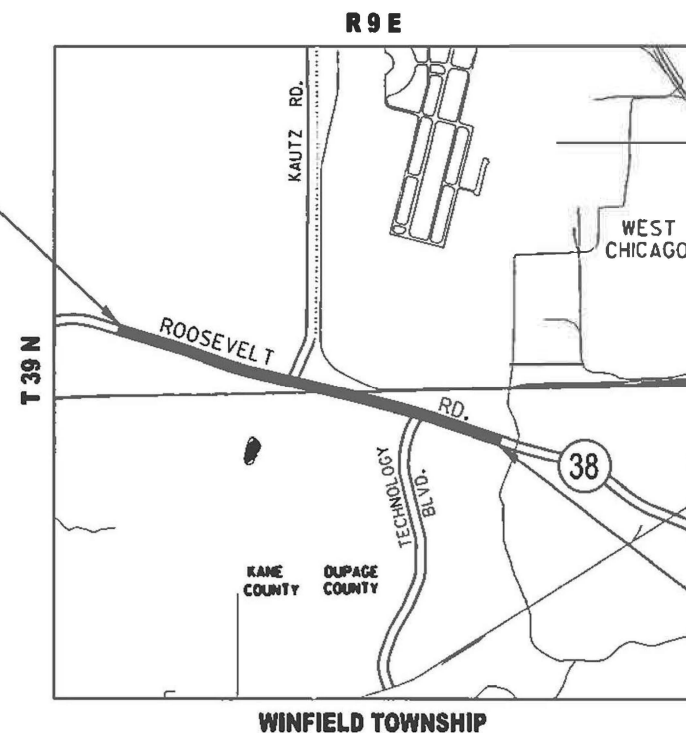
2025 ADT - 24658 VPD

SPEED LIMIT - 50 MPH

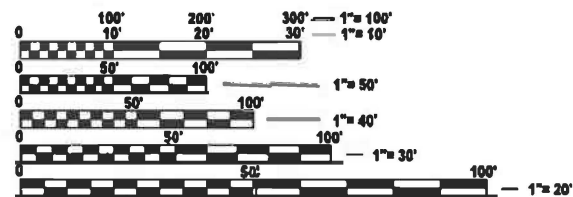
FUNCTIONAL CLASS: OTHER PRINCIPAL ARTERIAL



IMPROVEMENT BEGINS  
STA 0+26



IMPROVEMENT ENDS  
STA 69+35



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: VESELIN VELICHKOV (847) 705-4432  
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62V78

GROSS AND NET LENGTH OF IMPROVEMENT - 6909 FEET - 1.31 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19, 2026

Jesse Ross REGIONAL ENGINEER

May 8, 2026

Scott A. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2026

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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## STATE STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442101-09	CLASS B PATCHES
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS GREATER THAN OR EQUAL TO 45 TO 55 MPH
701426-09	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 45 MPH OR MORE
701601-09	URBAN LANE CLOSURE MULTILANE 1W, 2W WITH NON-TRANSVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901- 11	TRAFFIC CONTROL DEVICES
781001-04	TYPICAL APPLICATIONS FOR RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

## GENERAL NOTES

- 1) BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 2) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPAINES AND THE CITIES OF GENEVA AND WEST CHICAGO.
- 3) ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 4) THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6) THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 7) PERMANENT PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL. (TC-13)
- 8) THE RESIDENT ENGINEER SHALL CONTACT MR. EMAD ALHUSSEINI, AREA TRAFFIC ENGINEER, EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9) ALL CRACK ROUTING AND CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINNER. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS AND RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN THE PAVEMENT.
- 10) 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 THE PAVEMENT WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE PAVEMENT 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.
- 11) MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER THE C & J SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF MODIFIED URETHANE PAVEMENT MARKING.
- 12) DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIALS IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, AT THE CONCLUSION OF THE CONSTRUCTION OPERATION, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 13) DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 14) 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.

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		CHECKED -	REVISED -							
	PLOT DATE = 5/5/2026	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
									ILLINOIS	FED. AID PROJECT

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				100% STATE KANE COUNTY	100% STATE DUPAGE COUNTY				
Code No.	Item	Unit	Total Quantity	0005	0005				
44200050	WELDED WIRE REINFORCEMENT	SQ FT	43	43					
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	183	91	92				
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	48	16	32				
44201299	DOWEL BARS 1 1/2"	EACH	660	360	300				
44213200	SAW CUTS	FOOT	1904	868	1036				
45100200	CRACK FILLING	POUND	15887	7536	8351				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	55604	26375	29229				
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	7	7					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	63	63					
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1					
63200310	GUARDRAIL REMOVAL	FOOT	63	63					
67000400	ENGINEER'S FIED OFFICE, TYPE A	CAL MO	12	6	6				
67100100	MOBILIZATION	L SUM	1	0.5	0.5				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.5	0.5				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING--LETTERS AND SYMBOLS	SQ FT	676	421	255				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING--LINE 4"	FOOT	9155	5772	3383				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING--LINE 6"	FOOT	2582	1976	606				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING--LINE 12"	FOOT	1176	991	185				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING--LINE 24"	FOOT	218	153	65				

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				100% STATE KANE COUNTY	100% STATE DUPAGE COUNTY				
Code No.	Item	Unit	Total Quantity	0005	0005				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	468	266	202				
* 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	1		1				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	398	226	172				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	8416	4208	2408				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	2		2				
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	25.7	25.7				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	9	9					
25200110	SODDING, SALT TOLERANT	SQ YD	9	9					
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	627	267	360				
72501000	TERMINAL MARKERS, DIRECT APPLIED	EACH	1	1					
X4400501	COMBINATION CONCRETE CURB AND GUTER REMOVAL AND REPLACEMENT LESS THAN THAN OR EQUAL TO 10 FEET	FOOT	50	50					

\* SPECIALTY ITEMS

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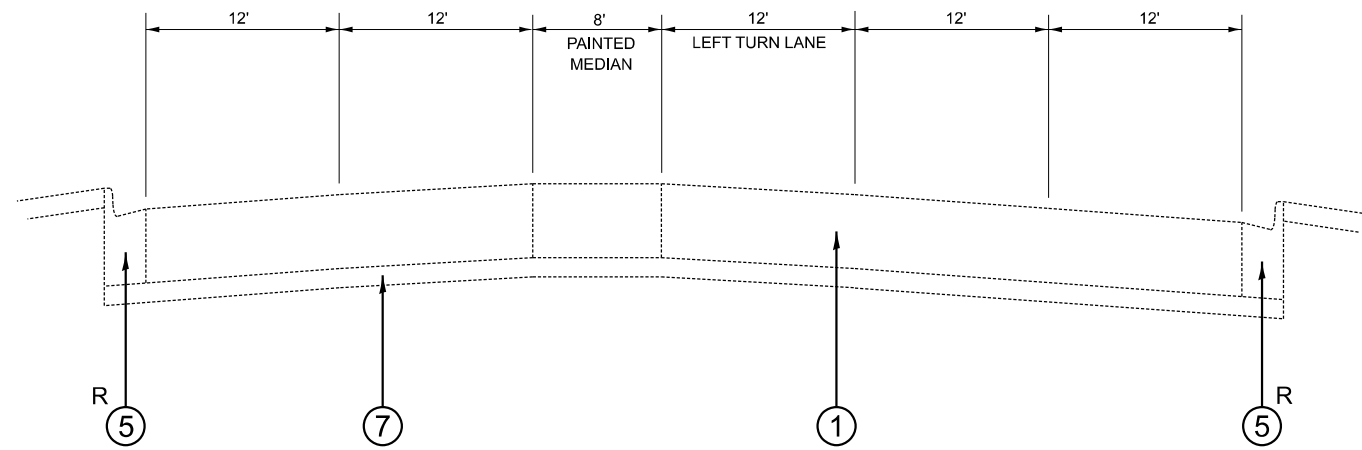
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

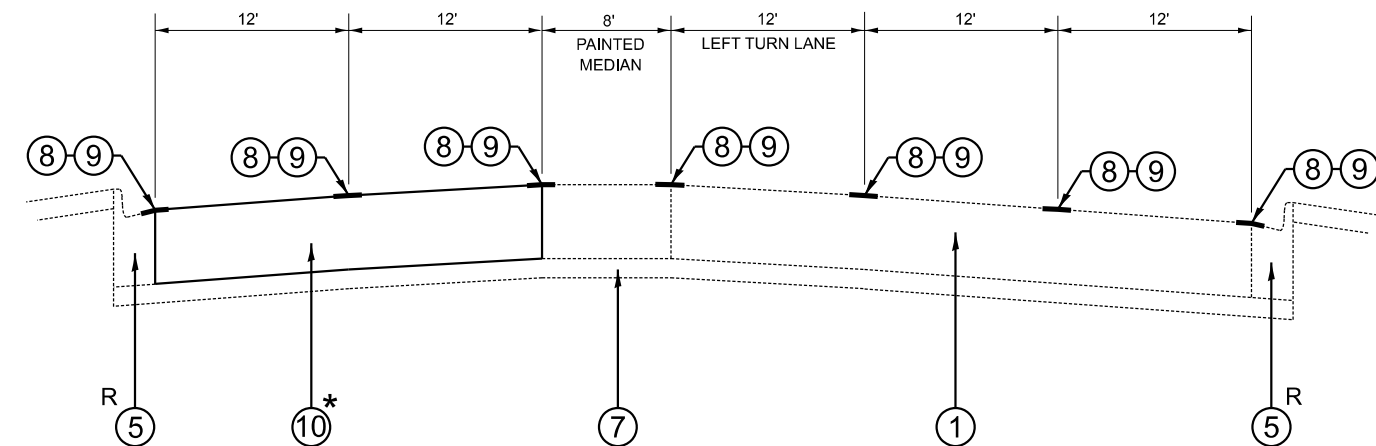
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FAP 347 (IL 38 / ROOSEVELT RD.)--W. OF ELM RD. TO W. OF KRESS RD.

SCALE: SHEET SOQ-Sheet3a-1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	3
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				

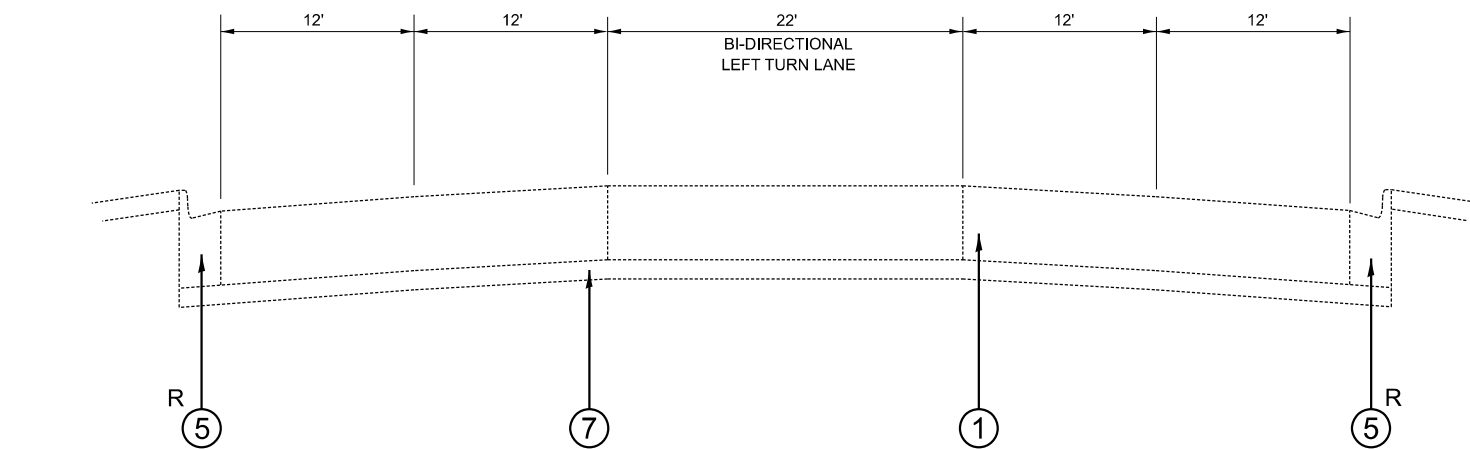


EXISTING TYPICAL SECTION  
STA. 0+26 TO 3+15

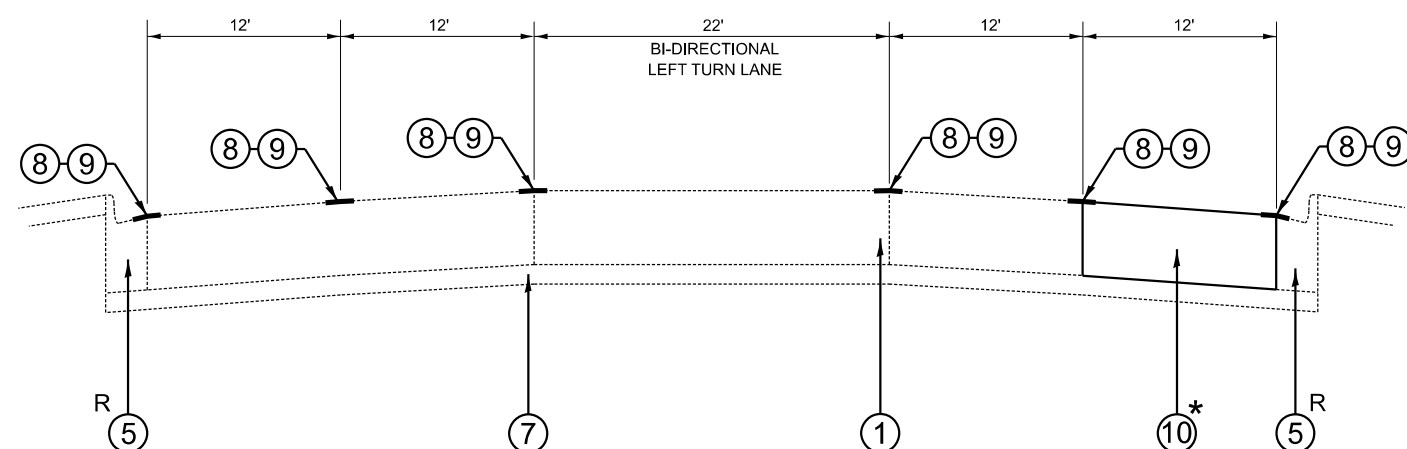


PROPOSED TYPICAL SECTION  
STA. 0+26 TO 3+15

\* **LEGEND:**  
CLASS B PATCHES @  
STA. 2+74



EXISTING TYPICAL SECTION  
STA. 3+15 TO 8+49



PROPOSED TYPICAL SECTION  
STA. 3+15 TO 8+49

\* **LEGEND:**  
CLASS B PATCHES @  
STA. 4+00 to 4+40

**LEGEND:**

- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
- ② EXISTING LANDSCAPE MEDIAN
- ③ EXISTING HOT-MIX ASPHALT MEDIAN
- ④ P.C.C. BARRIER MEDIAN
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑦ EXISTING STABILIZED SUB-BASE
- ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT AND CRACK FILLING
- ⑩ PROPOSED CLASS B PATCHES, 10"
- R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)

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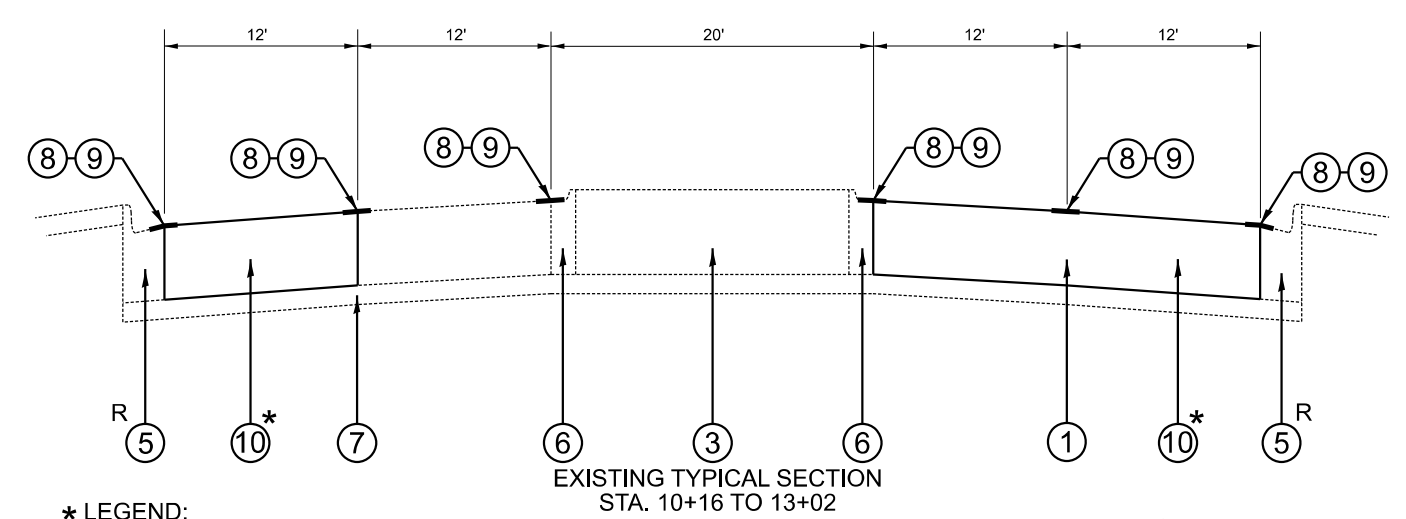
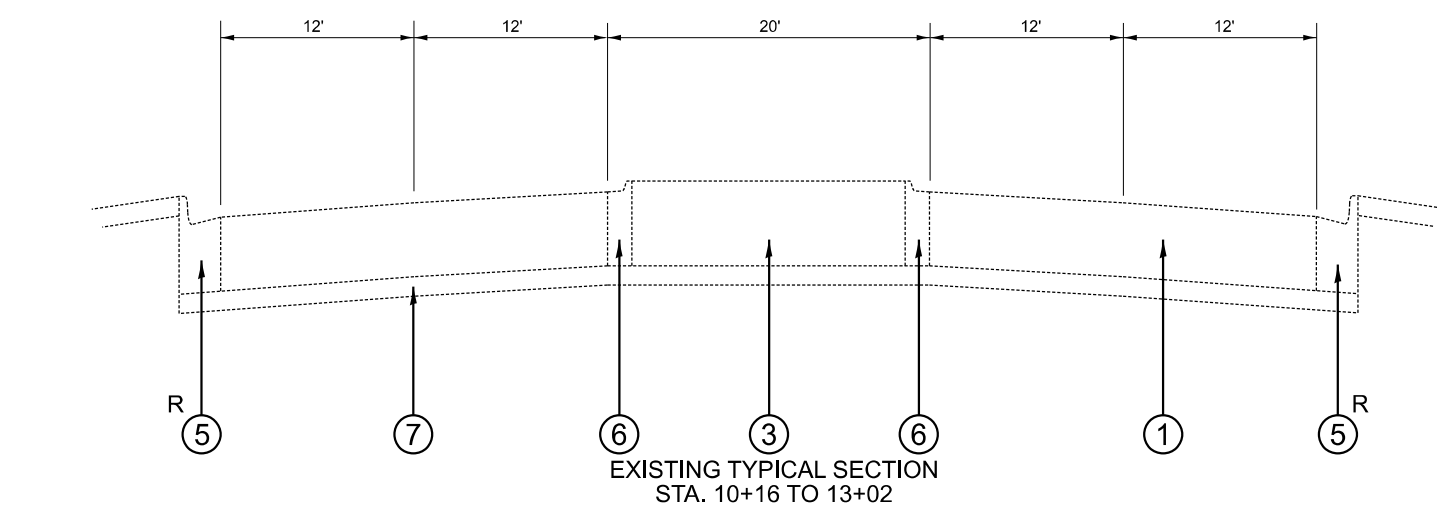
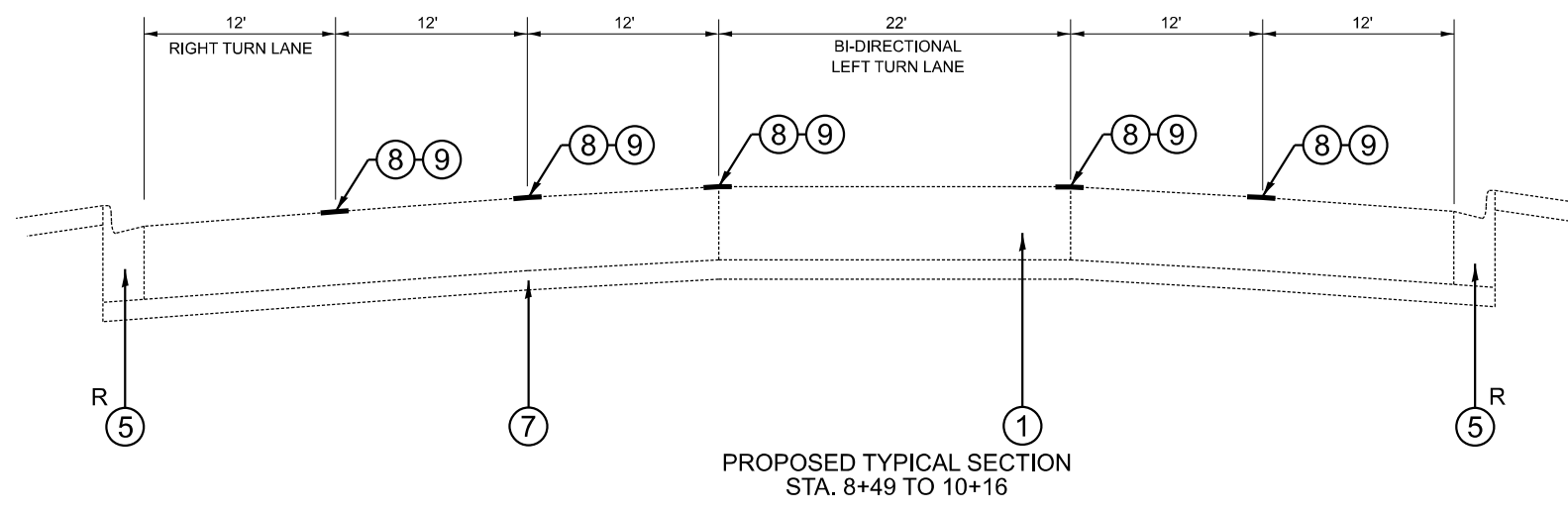
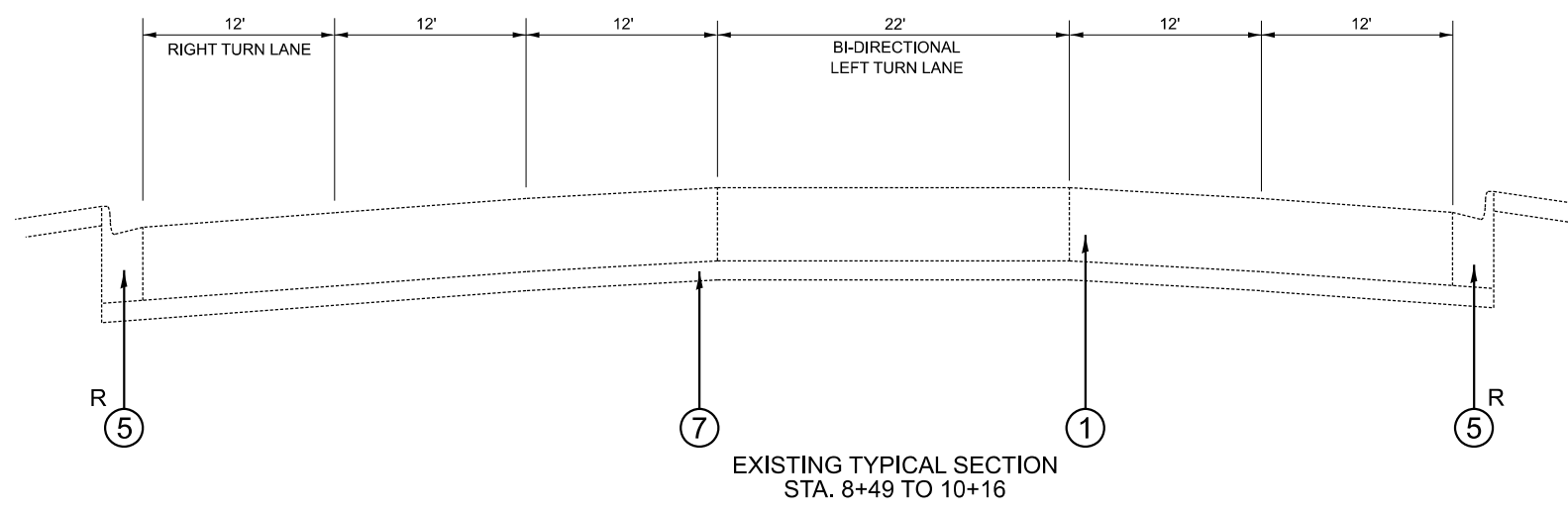
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	4
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - ⑦ EXISTING STABILIZED SUB-BASE
  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)

\* **LEGEND:**  
CLASS B PATCHES @  
STA. 10+89

\* **LEGEND:**  
CLASS B PATCHES @  
STA. 10+48 to 10+88  
STA. 11+01 to 11+21  
STA. 11+32

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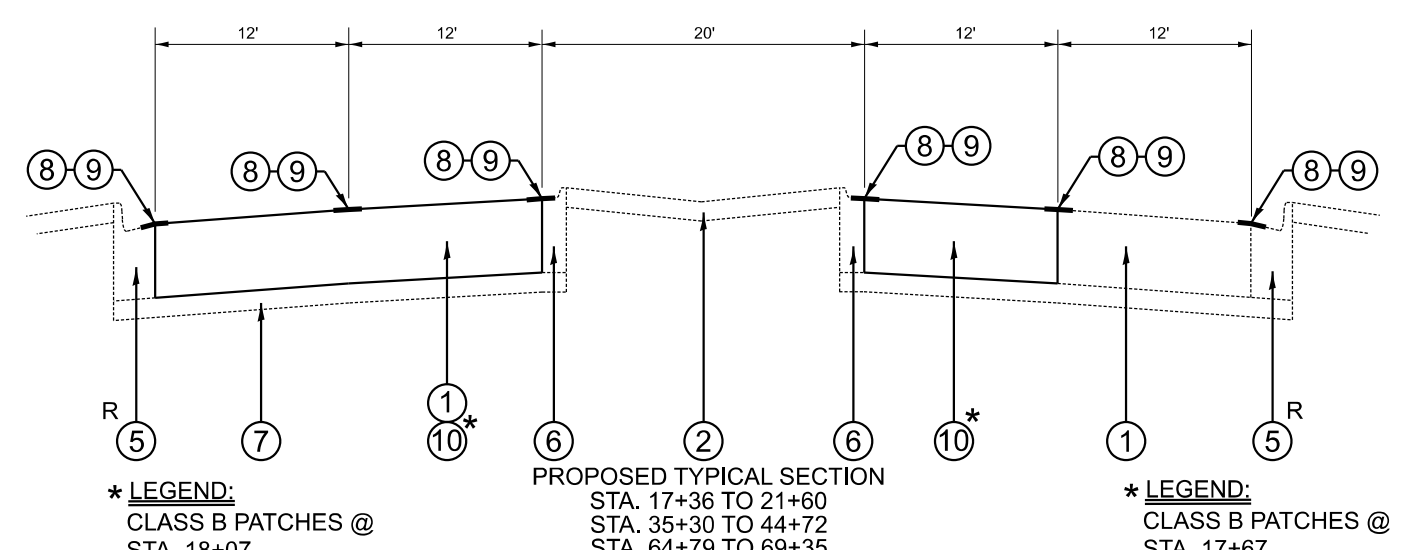
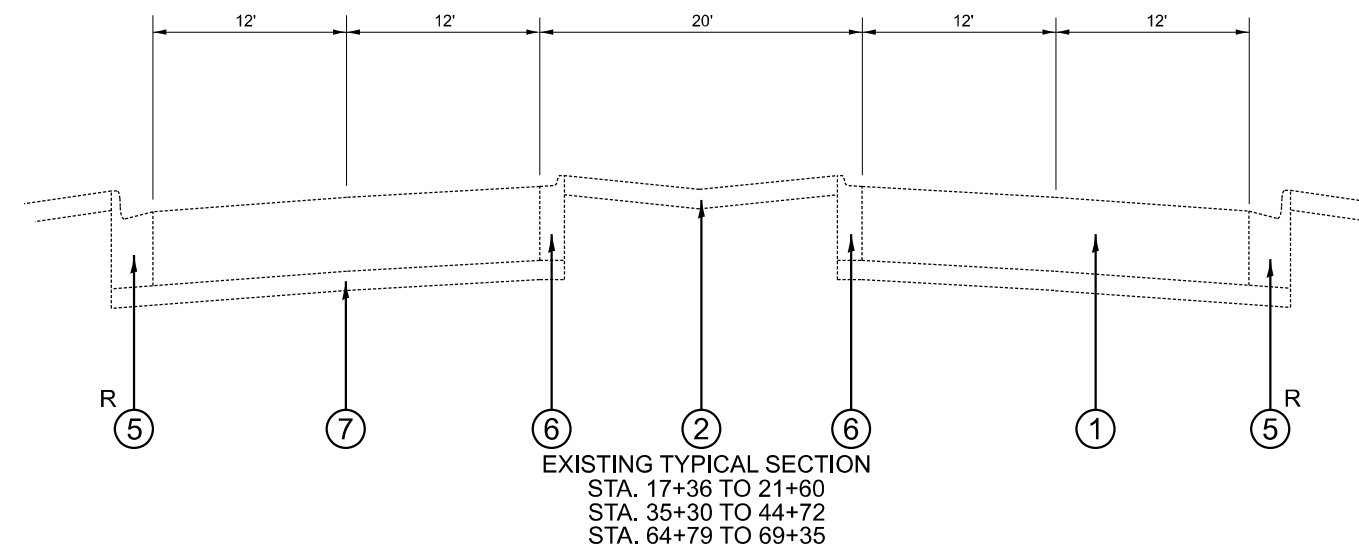
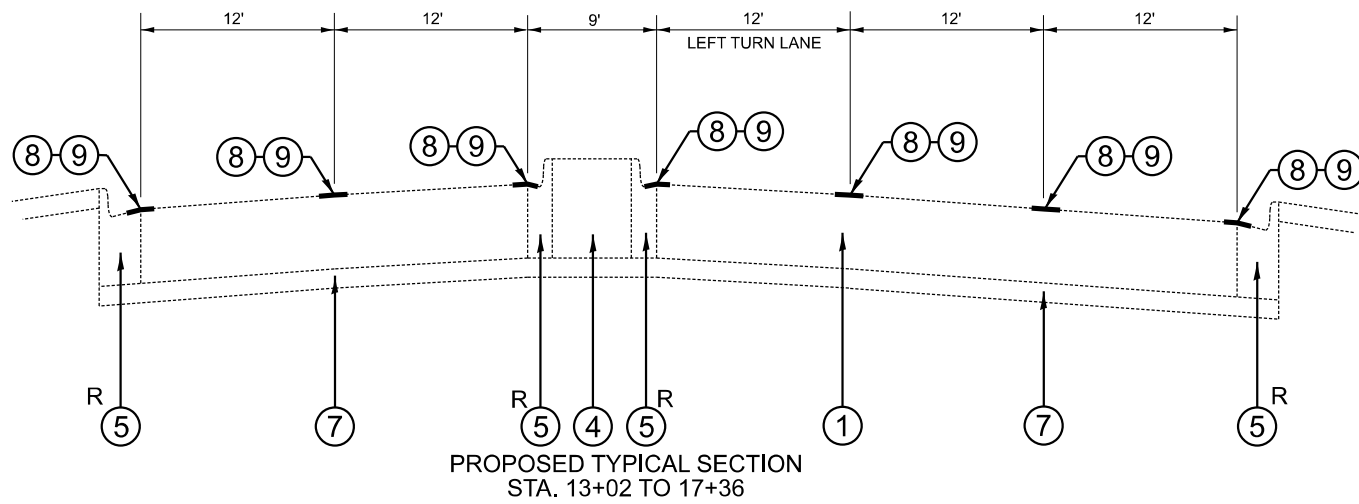
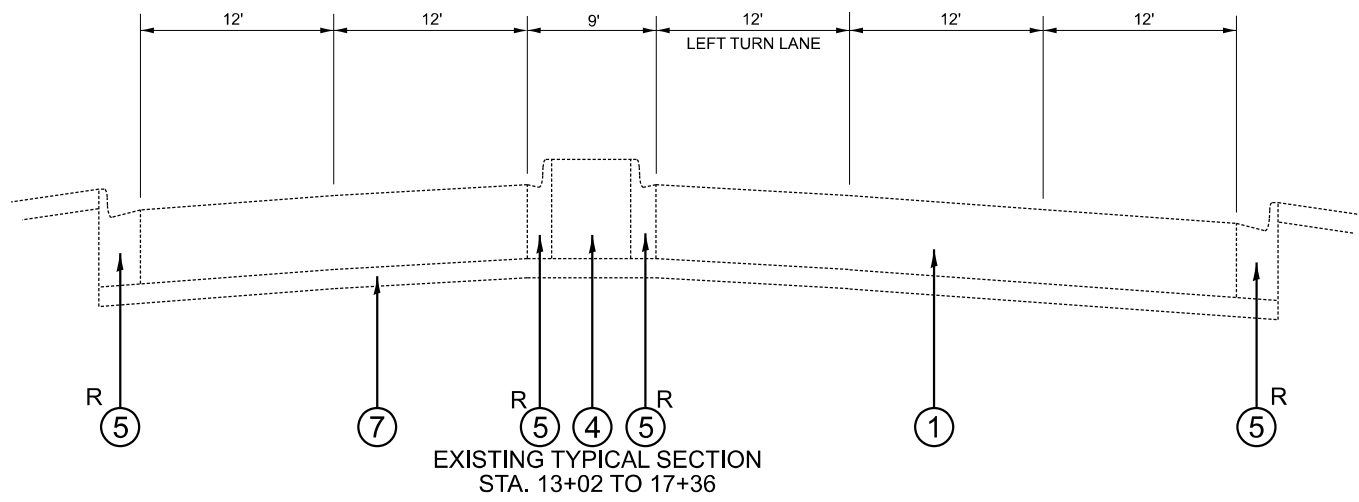
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	5
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
- ② EXISTING LANDSCAPE MEDIAN
- ③ EXISTING HOT-MIX ASPHALT MEDIAN
- ④ P.C.C. BARRIER MEDIAN
- ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑦ EXISTING STABILIZED SUB-BASE
- ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT AND CRACK FILLING
- ⑩ PROPOSED CLASS B PATCHES, 10"
- R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)

**\* LEGEND:**

- CLASS B PATCHES @
- STA. 18+07
- STA. 35+30 TO 38+90
- STA. 65+60

**\* LEGEND:**

- CLASS B PATCHES @
- STA. 17+67

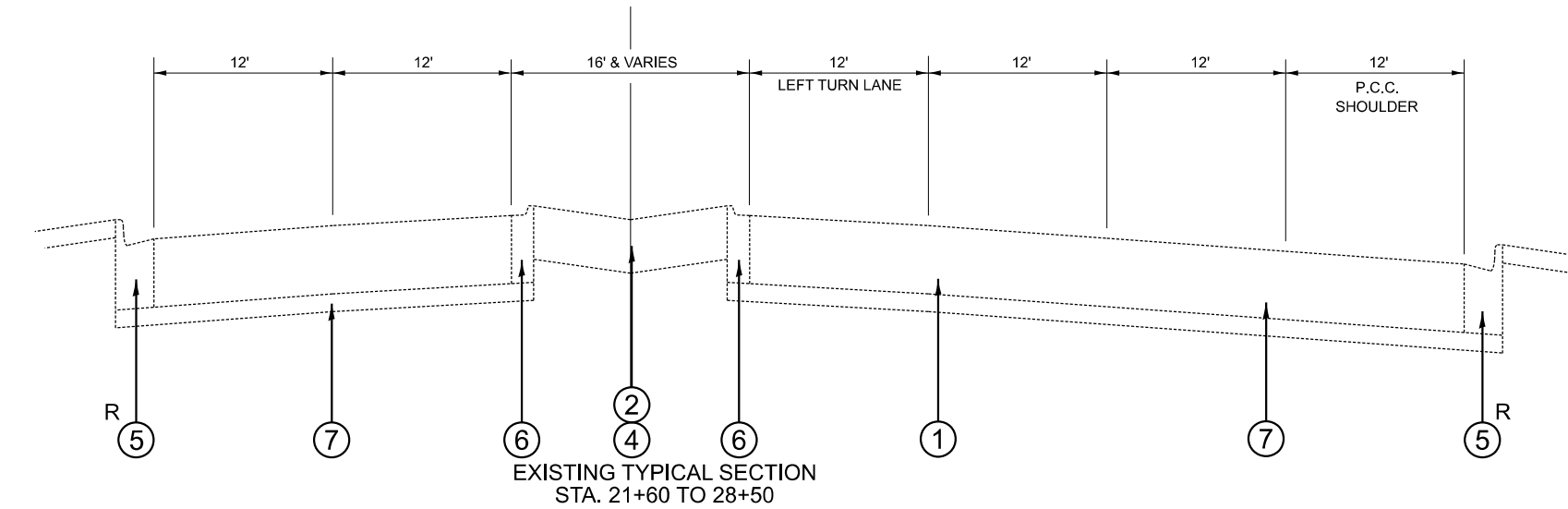
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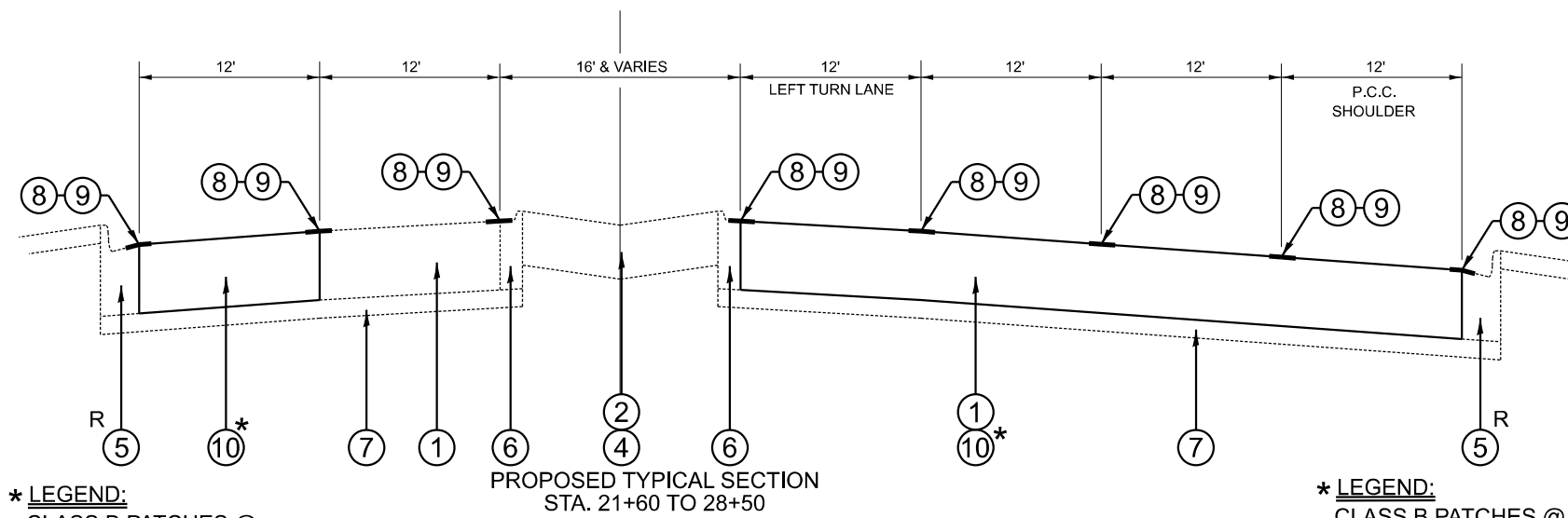
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

F.A.P. RTE. 347	SECTION FAP 0347 23 C&J 23	COUNTY KANE & DUPAGE	TOTAL SHEETS 21	SHEET NO. 6
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
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  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)



\* LEGEND:  
CLASS B PATCHES @  
STA. 27+70

\* LEGEND:  
CLASS B PATCHES @  
STA. 23+00  
STA. 25+15  
STA. 26+88 TO 27+18

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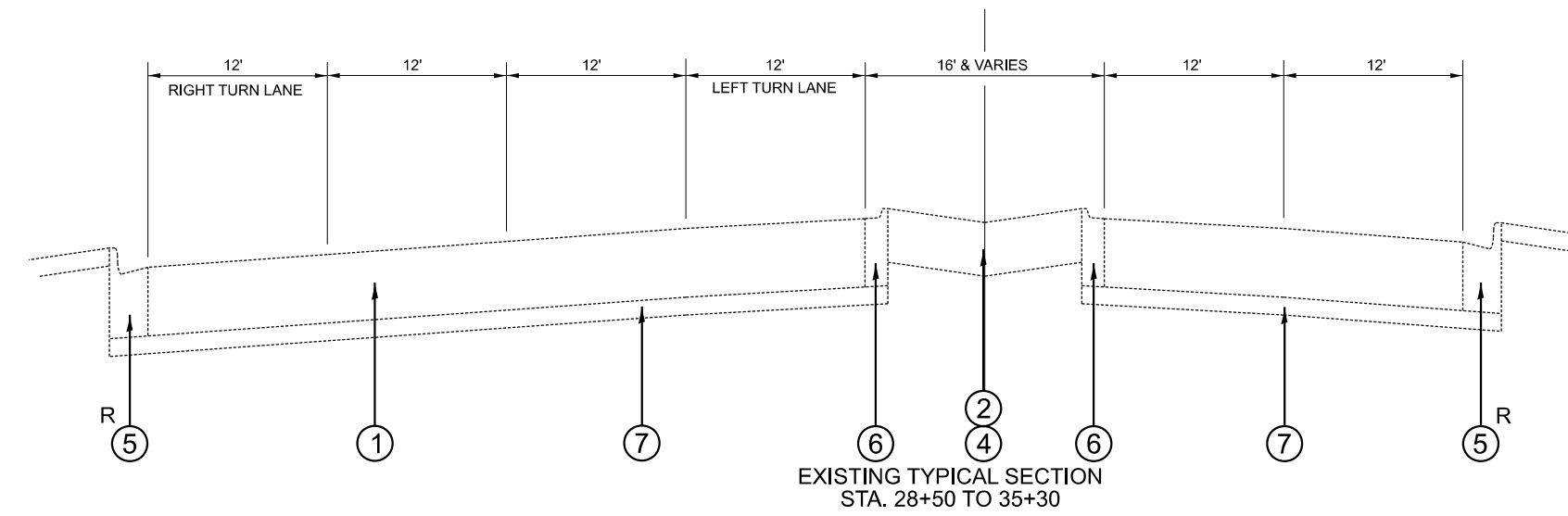
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

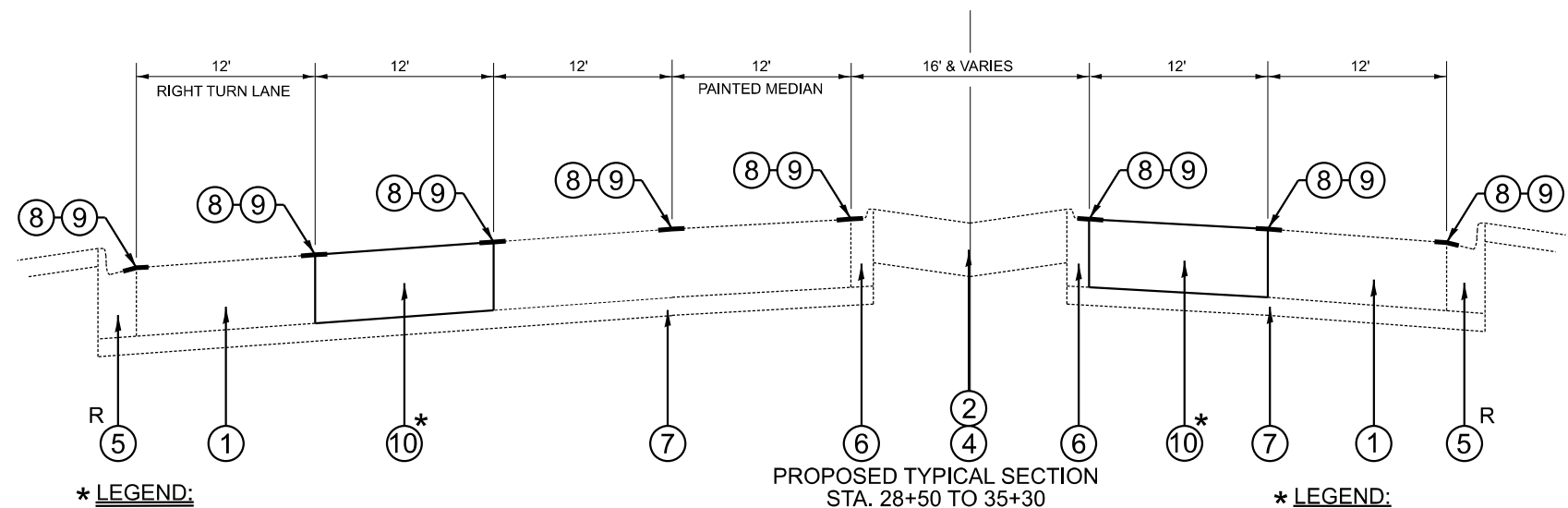
**EXISTING AND PROPOSED TYPICAL SECTIONS  
FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	7
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - ⑦ EXISTING STABILIZED SUB-BASE
  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)



\* **LEGEND:**  
 CLASS B PATCHES @  
 STA. 31+48  
 STA. 35+22 TO 35+30

\* **LEGEND:**  
 CLASS B PATCHES @  
 STA. 29+41

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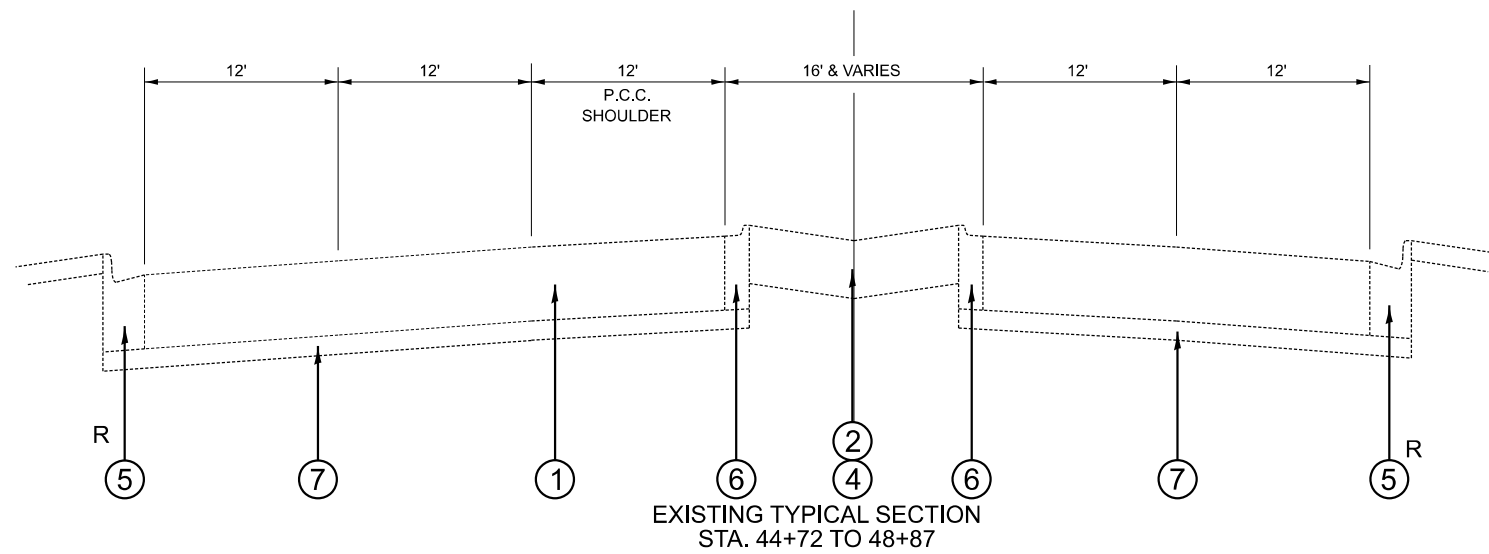
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	DRAWN -	REVISED -
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PLOT DATE = 5/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

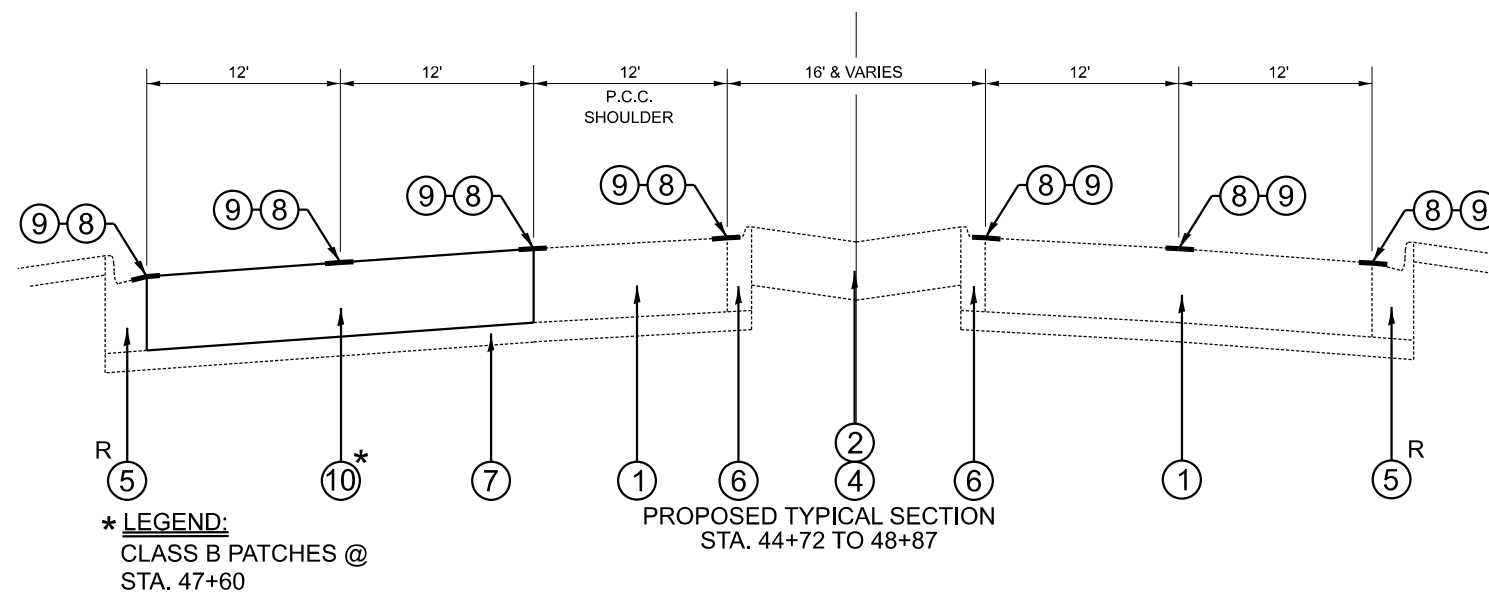
**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	8
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - ⑦ EXISTING STABILIZED SUB-BASE
  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)



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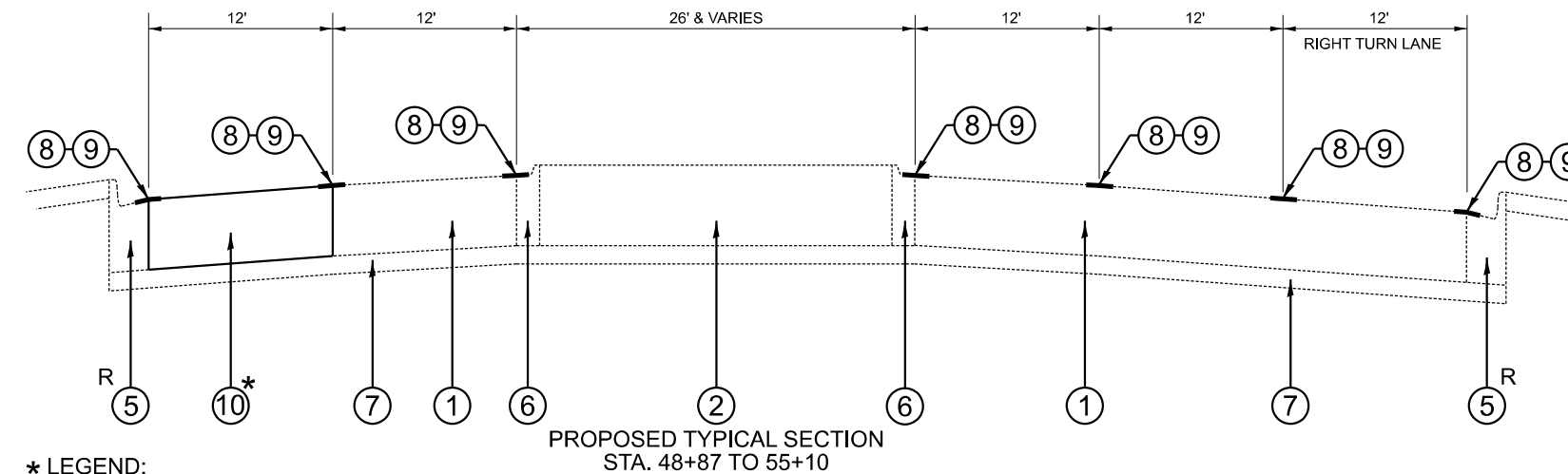
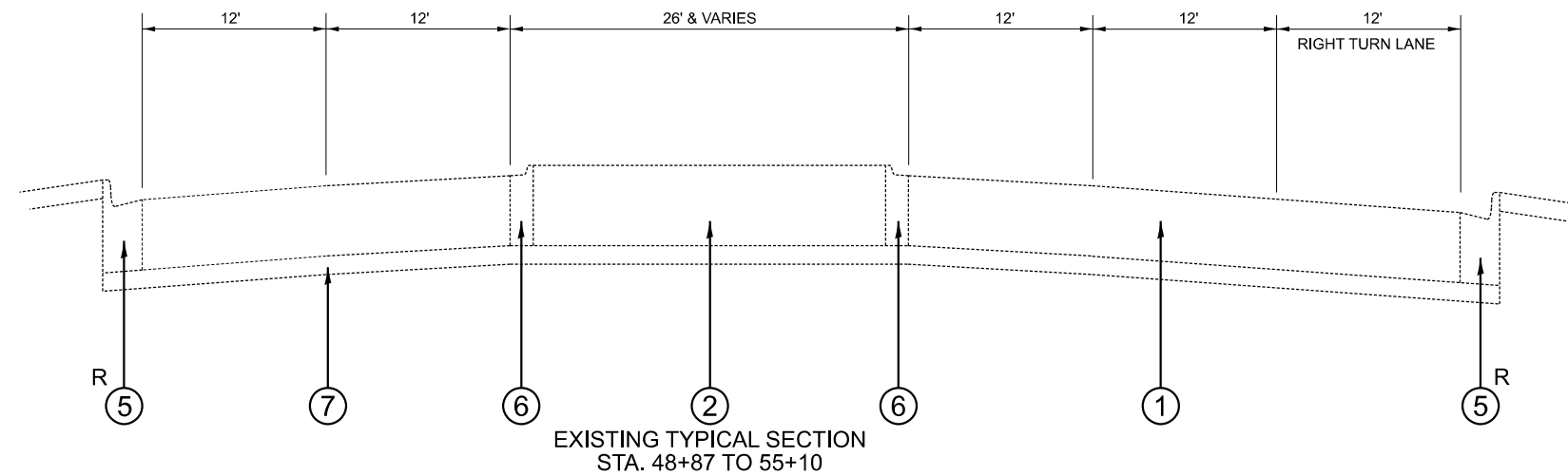
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	CHECKED -	REVISED -
PLOT DATE = 5/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	9
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



\* LEGEND:  
CLASS B PATCHES @  
STA. 53+60

- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - ⑦ EXISTING STABILIZED SUB-BASE
  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)

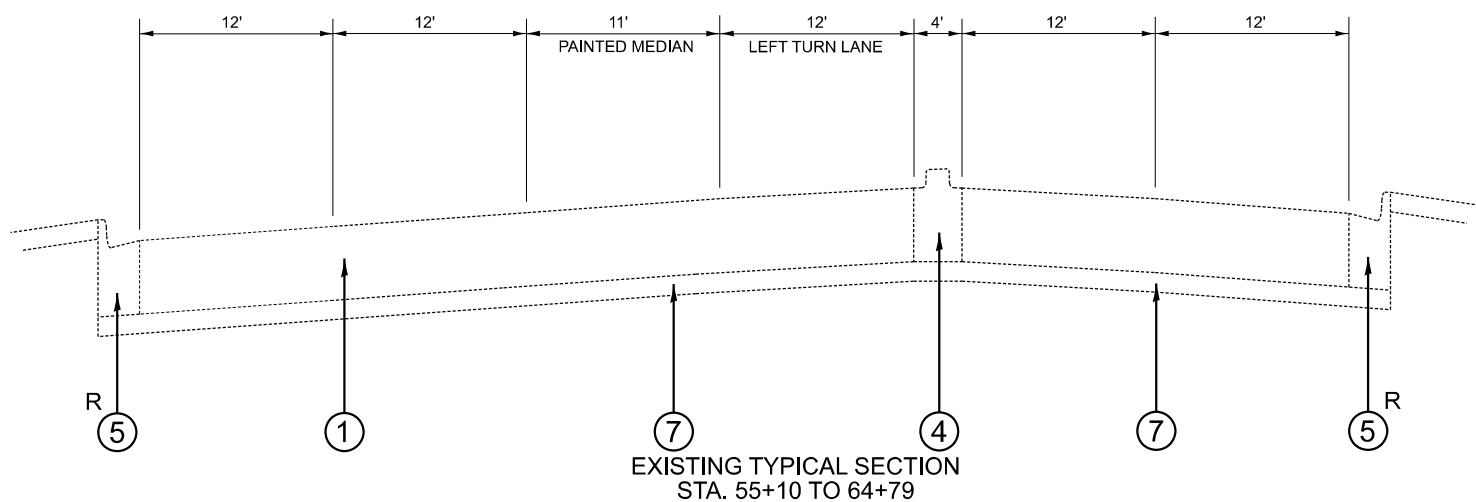
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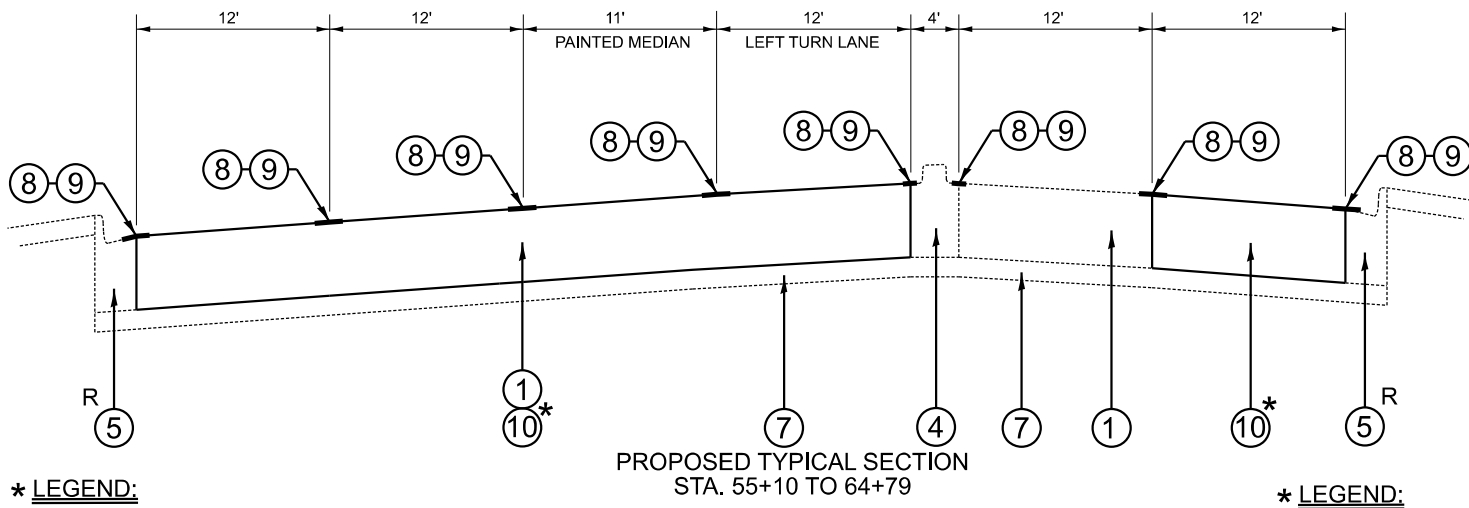
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED TYPICAL SECTIONS			
FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	10
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① EXISTING P.C.C. PAVEMENT, PLUS OR MINUS 10"
  - ② EXISTING LANDSCAPE MEDIAN
  - ③ EXISTING HOT-MIX ASPHALT MEDIAN
  - ④ P.C.C. BARRIER MEDIAN
  - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - ⑦ EXISTING STABILIZED SUB-BASE
  - ⑧ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
  - ⑨ PROPOSED JOINT AND CRACK FILLING
  - ⑩ PROPOSED CLASS B PATCHES, 10"
  - R CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER)



**\* LEGEND:**  
 CLASS B PATCHES @  
 STA. 56+50  
 STA. 58+33 TO 58+61  
 STA. 60+70

**\* LEGEND:**  
 CLASS B PATCHES @  
 STA. 63+60

MODEL: Default  
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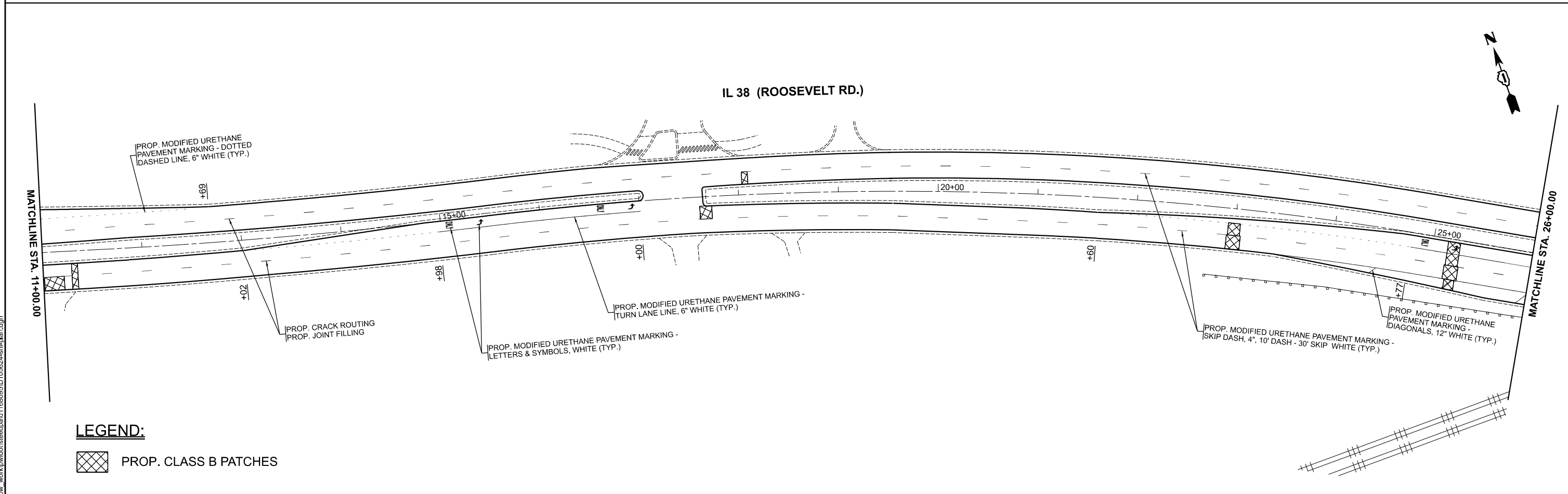
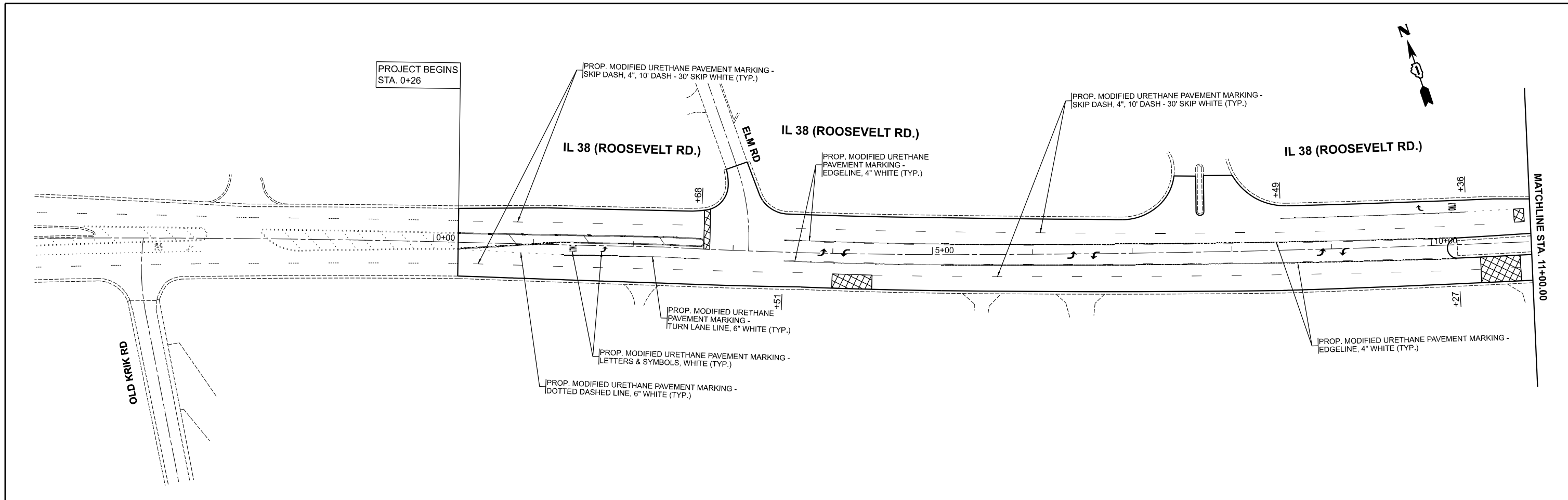
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PLOT DATE = 5/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS  
 FAP 347 (IL 38 / ROOSEVELT RD.)-W. OF ELM RD. TO W. OF KRESS RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J 23	KANE & DUPAGE	21	11
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

 PROP. CLASS B PATCHES

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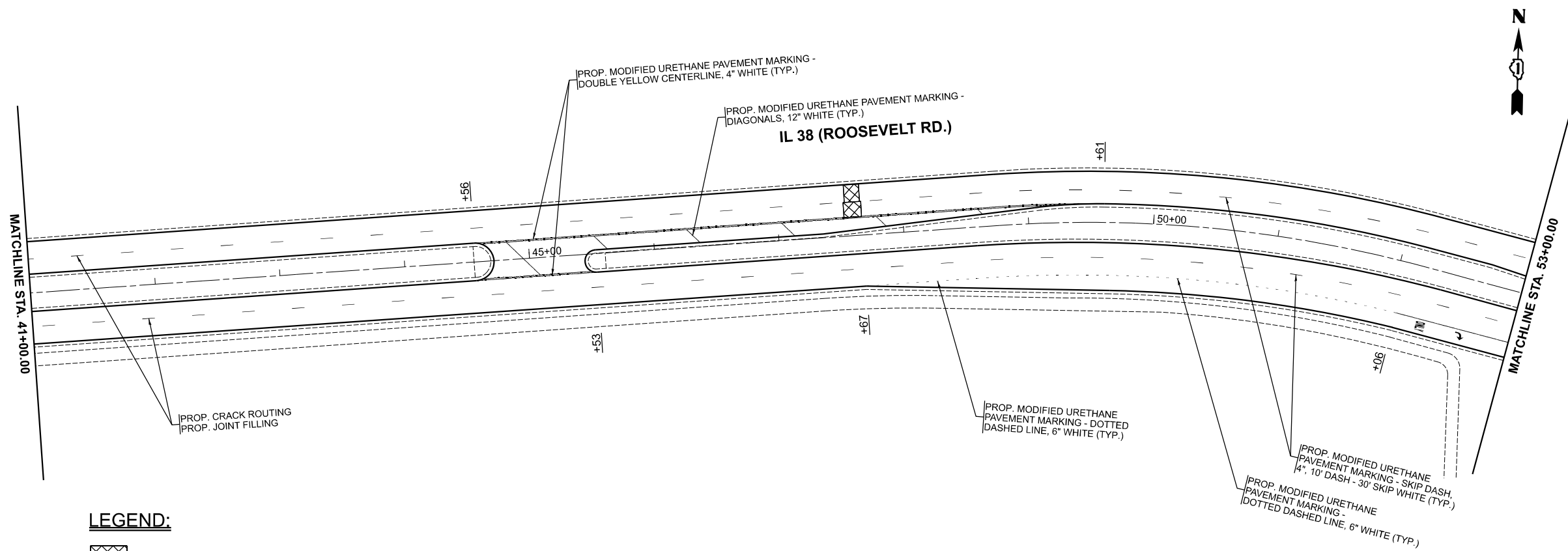
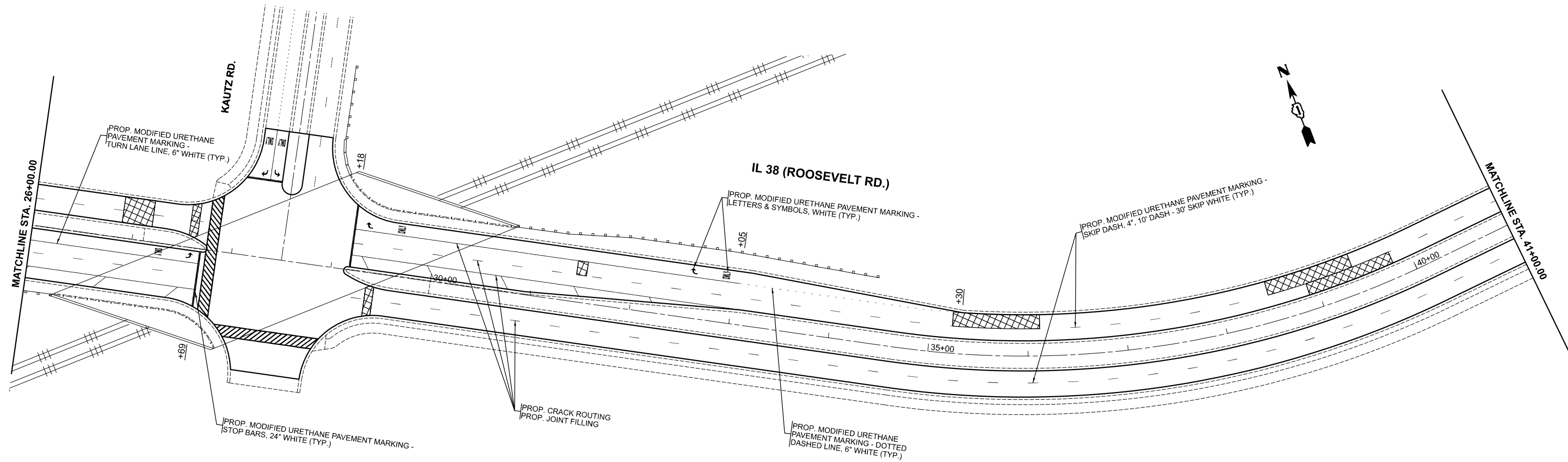
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PLOT DATE = 3/27/2026	DATE -	REVISED -


**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS  
 FAP 347 (IL. 38 / ROOSEVELT RD.) (W. OF ELM RD. TO KRESS RD.)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 0+00.00 TO STA. 26+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	12
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



**LEGEND:**  
 PROP. CLASS B PATCHES

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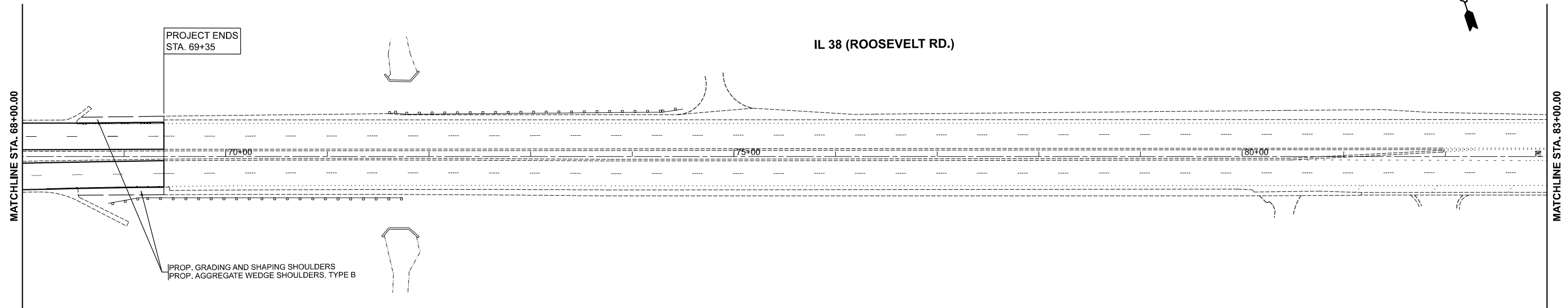
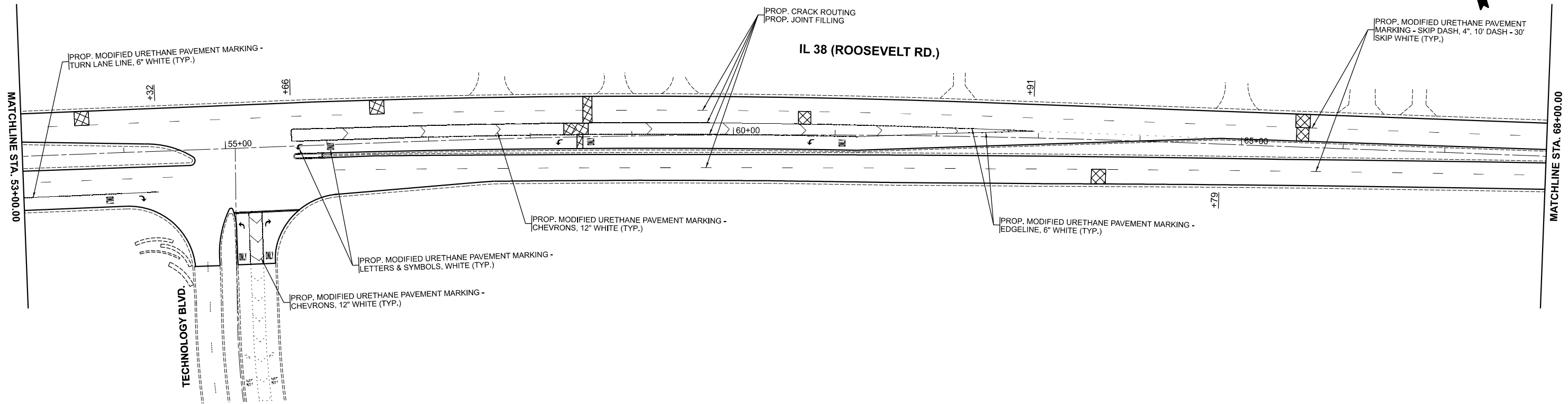
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PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**


**ROADWAY AND PAVEMENT MARKING PLANS  
 FAP 347 (IL 38 / ROOSEVELT RD.) (W. OF ELM RD. TO KRESS RD.)**

SCALE: 1"=50'    SHEET 2 OF 4 SHEETS    STA. 26+00.00 TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	13
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

 PROP. CLASS B PATCHES

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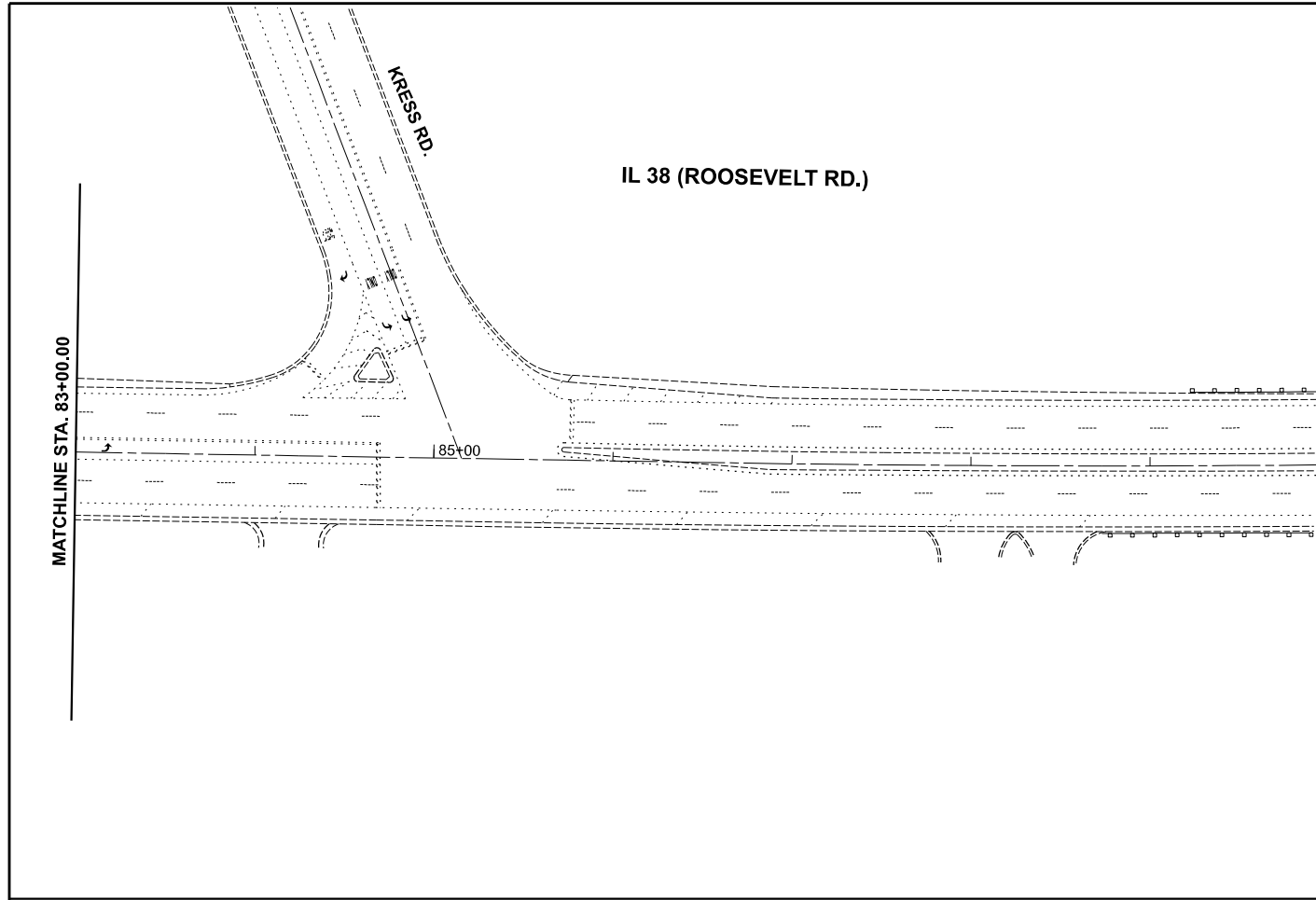
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS  
FAP 347 (IL 38 / ROOSEVELT RD.) (W. OF ELM RD. TO KRESS RD.)**

SCALE: 1"=50'    SHEET 3 OF 4 SHEETS    STA. 53+00.00 TO STA. 83+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	14
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



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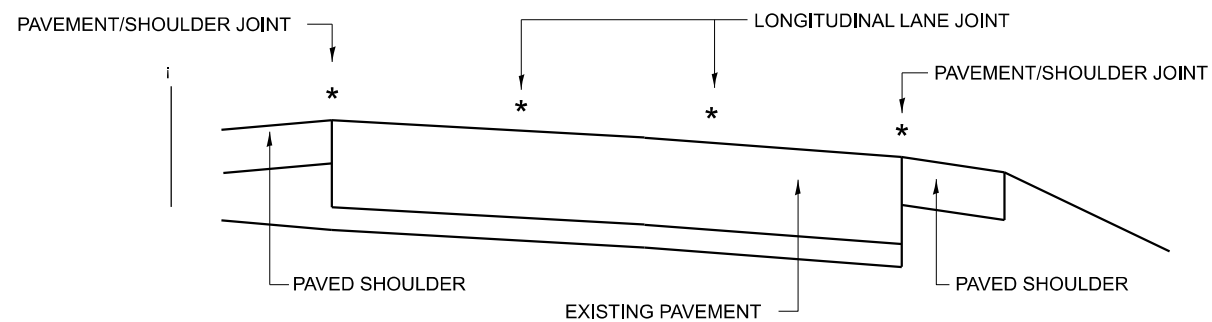
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PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

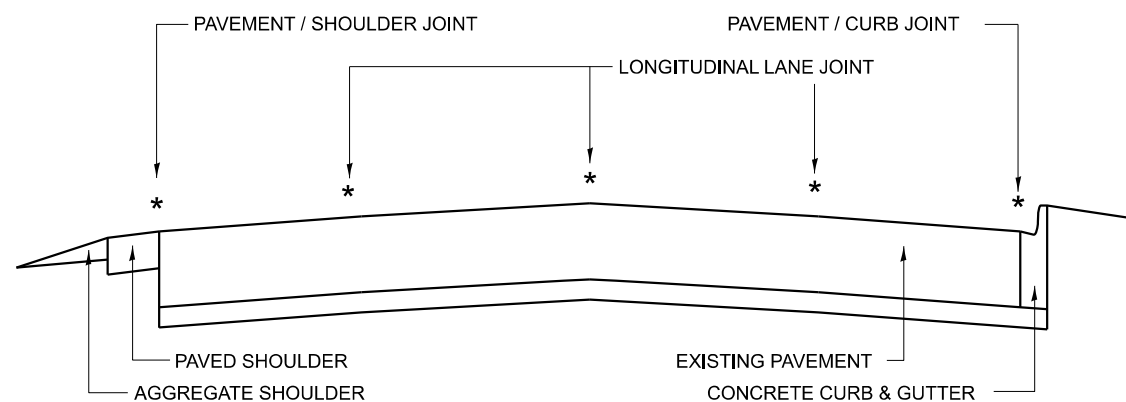
**ROADWAY AND PAVEMENT MARKING PLANS  
 FAP 347 (IL 38 / ROOSEVELT RD.) (W. OF ELM RD. TO KRESS RD.)**

SCALE: 1"=50'      SHEET 4    OF    4    SHEETS      STA. 83+00.00      TO STA. 98+00.00

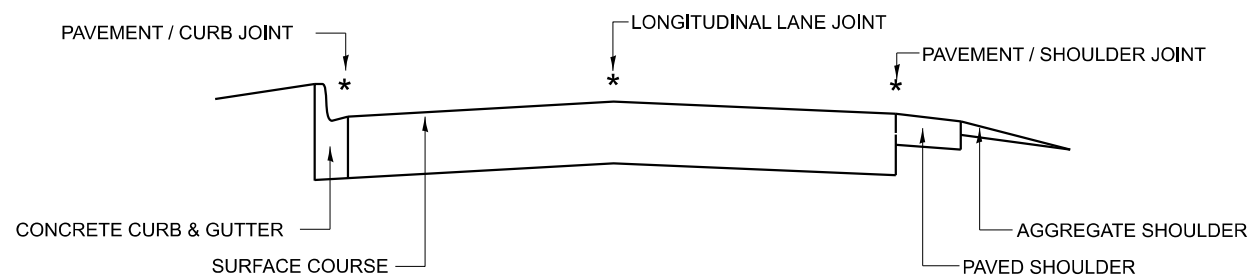
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347	FAP 0347 23 C&J2	KANE & DUPAGE	21	15
CONTRACT NO. 62V78				
ILLINOIS FED. AID PROJECT				



**MULTI-LANE DIVIDED PAVEMENT**



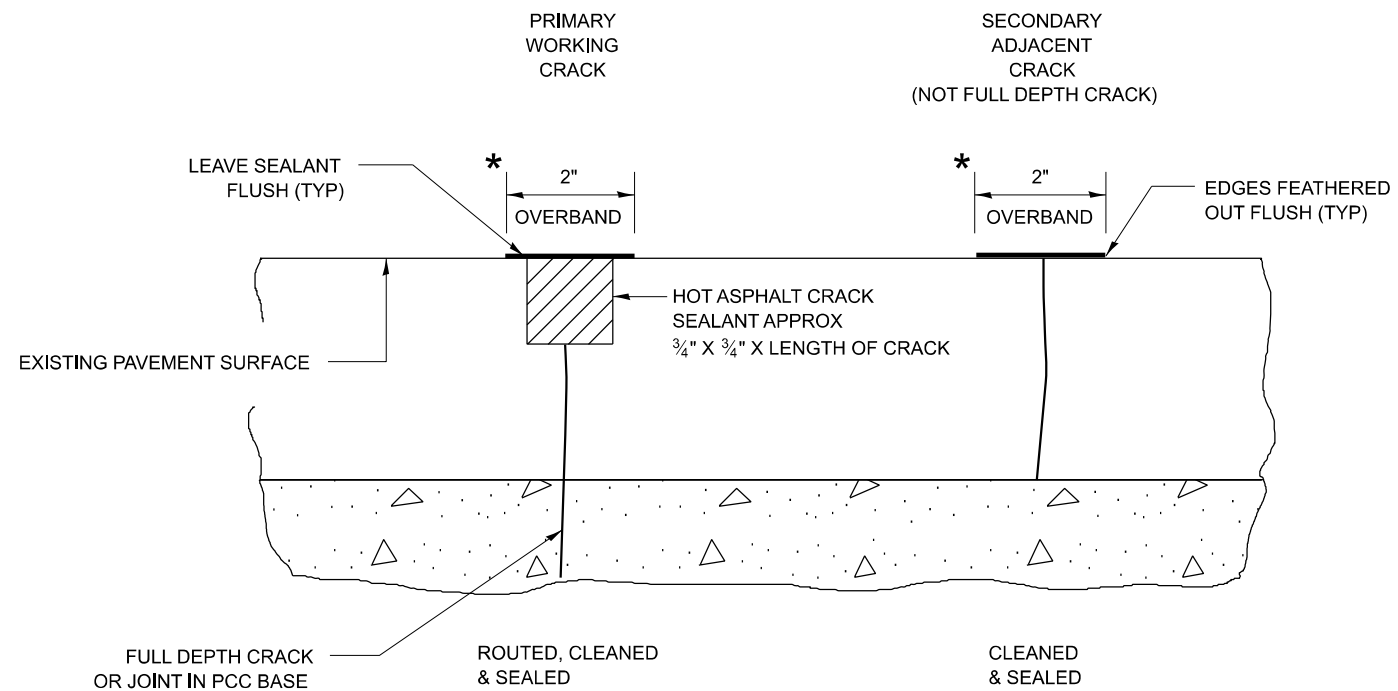
**MULTI-LANE UNDIVIDED PAVEMENT**



**TWO-LANE PAVEMENT**

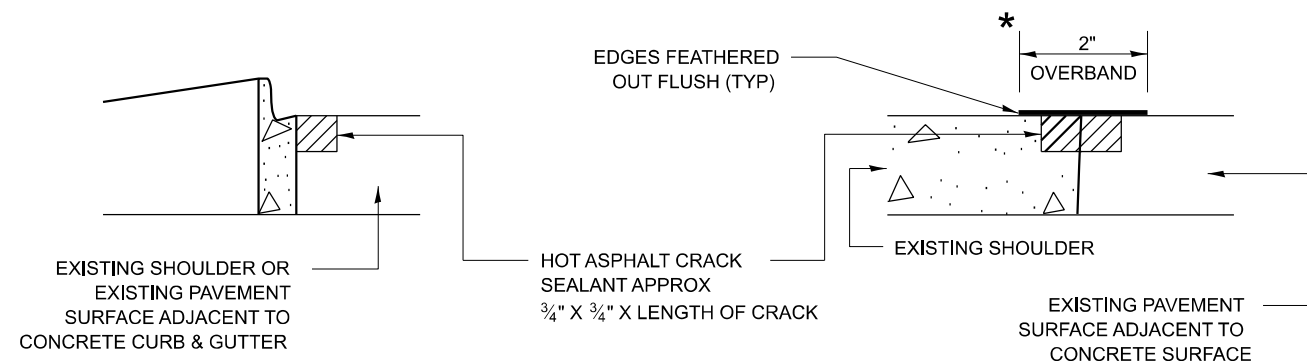
\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**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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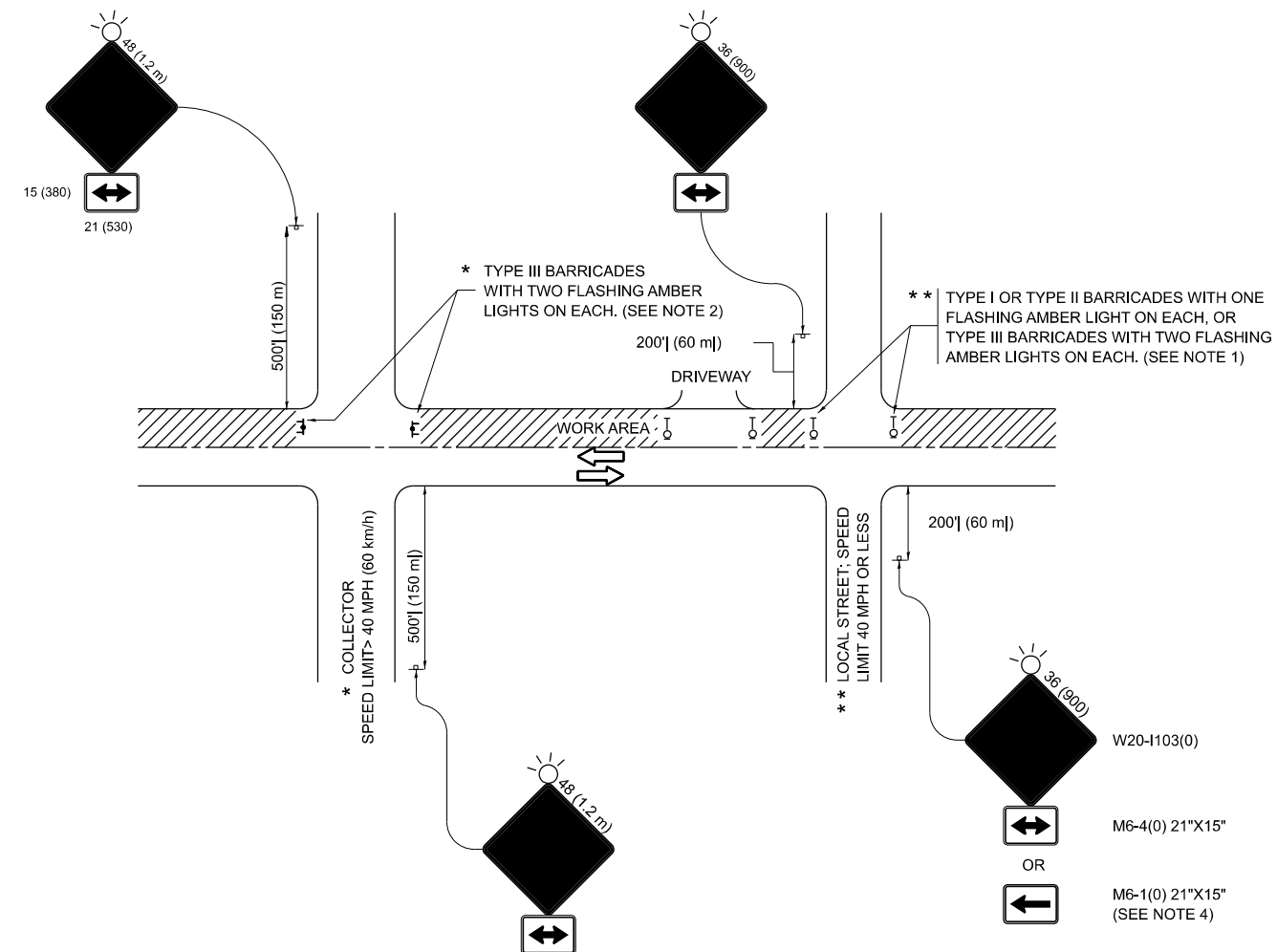
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/25/2026	DATE - 10/08/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET PD-11 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION FAP 0347 23 C&J2	COUNTY KANE & DU PAGE	TOTAL SHEETS 21	SHEET NO. 16
PD-11		CONTRACT NO. 62V78		
ILLINOIS FED. AID PROJECT				



**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 -	REVISED - A. SCHUETZE 07-01-13
	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 3/27/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

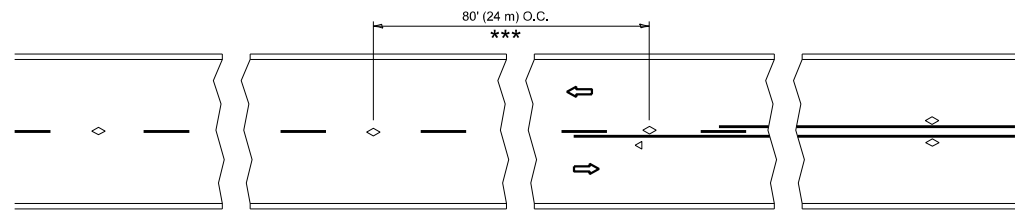
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET TC-10 OF SHEETS STA. TO STA.

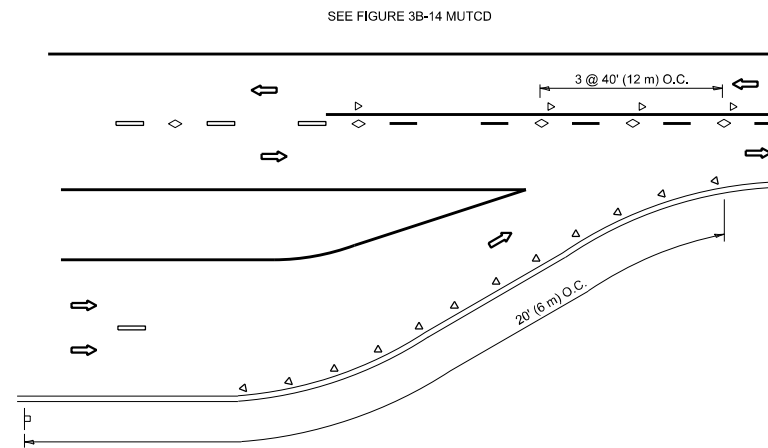
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DU PAGE	21	17
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ILLINOIS FED. AID PROJECT				

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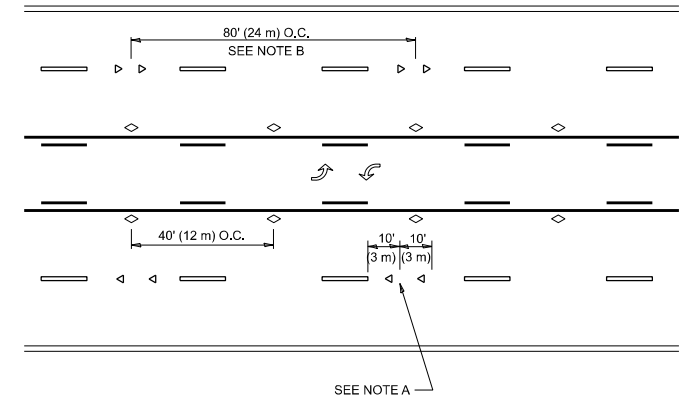


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

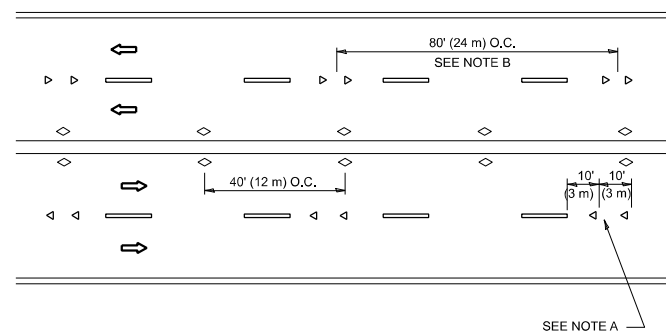
**TWO-LANE/TWO-WAY**



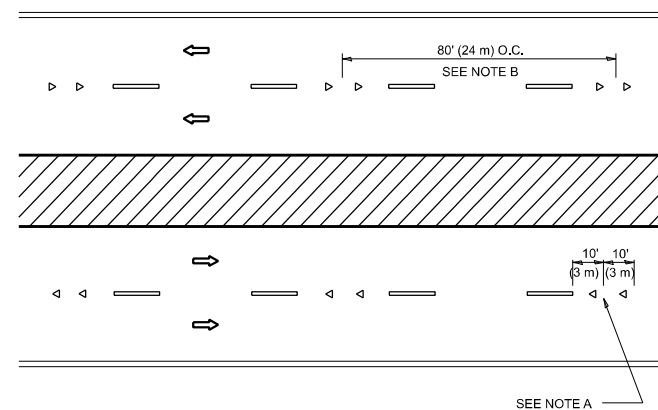
**LANE REDUCTION TRANSITION**



**TWO-WAY LEFT TURN**



**MULTI-LANE/UNDIVIDED**



**MULTI-LANE/DIVIDED**

**GENERAL NOTES**

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

**SYMBOLS**

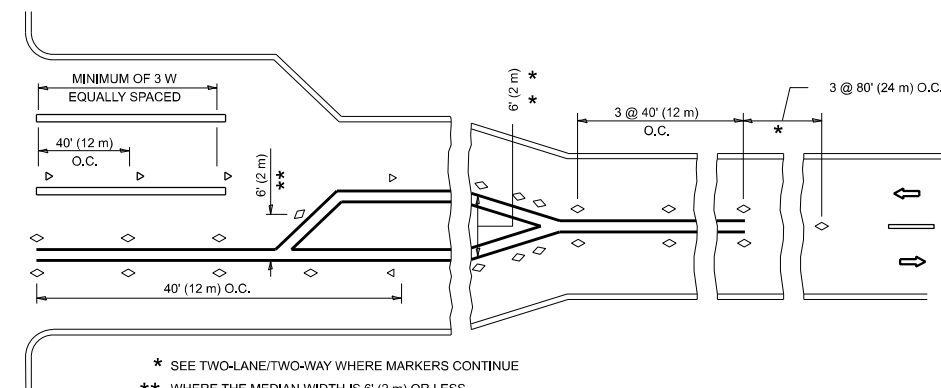
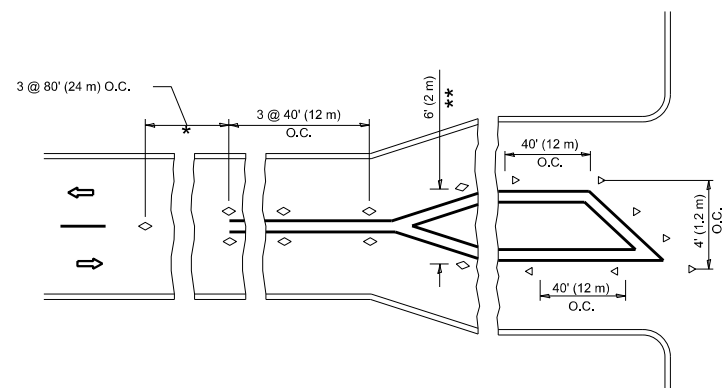
- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◇ TWO-WAY AMBER MARKER

**LANE MARKER NOTES**

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. 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**

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. 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.

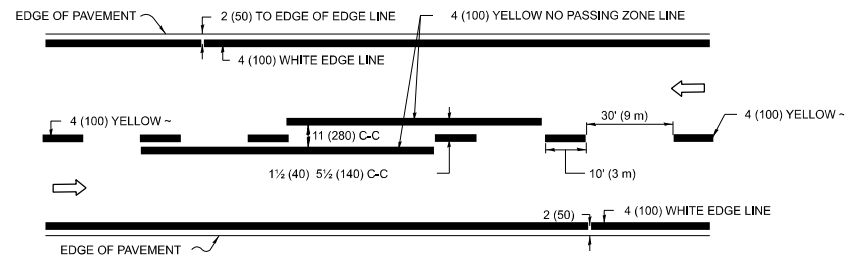
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	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 12/2/2024	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
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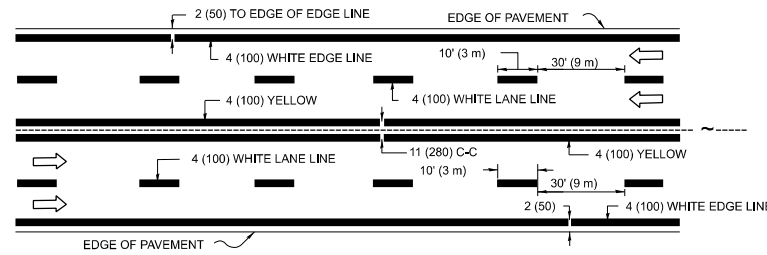
**TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

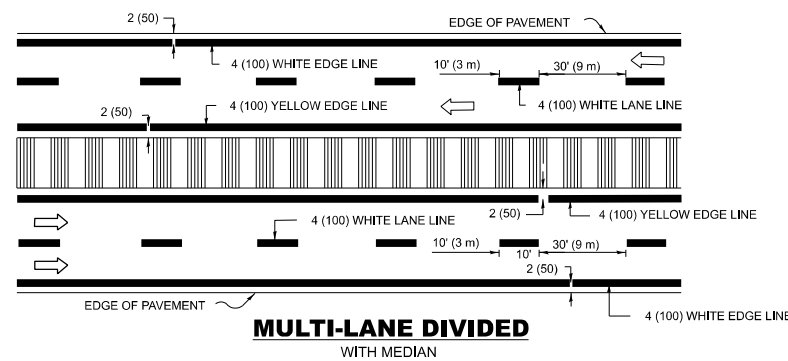
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DUPAGE	21	18
<b>TC-11</b>			CONTRACT NO. 62V78	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

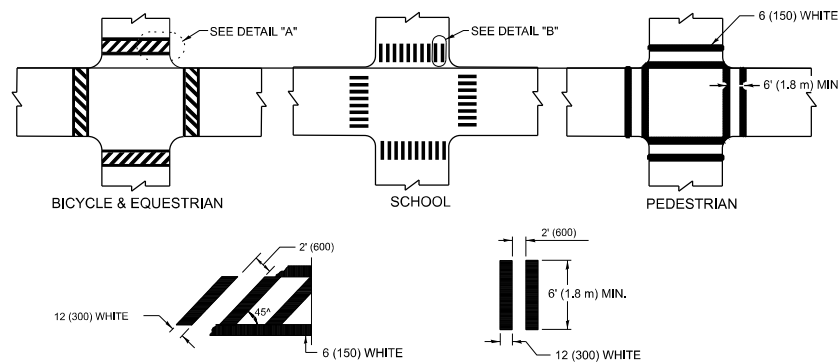


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

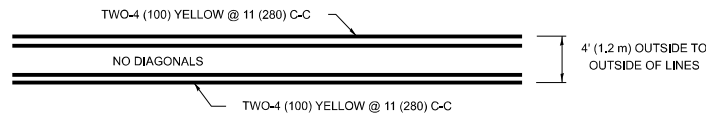


**DETAIL "A"**

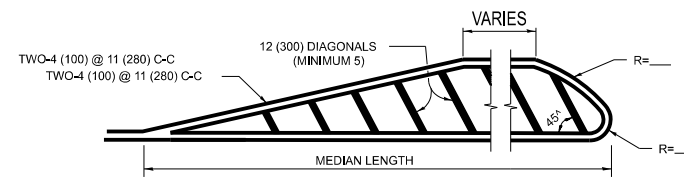
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

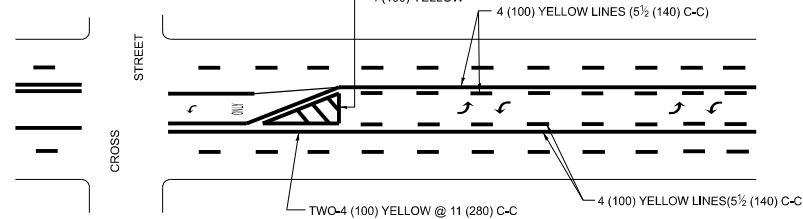


**4' (1.2 m) WIDE MEDIANS ONLY**

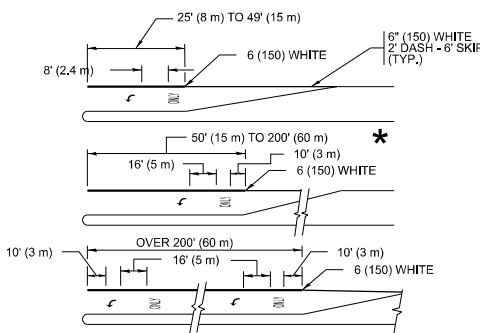


**MEDIANS OVER 4' (1.2 m) WIDE**

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))



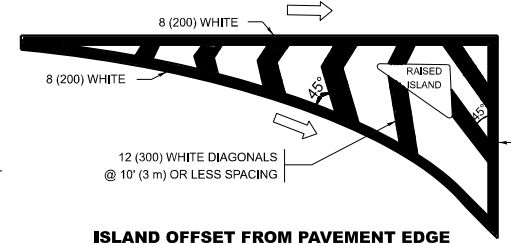
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



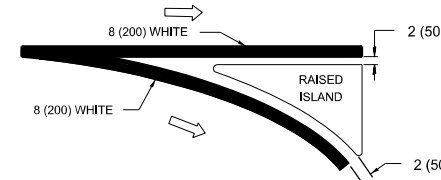
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE 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".



**ISLAND OFFSET FROM PAVEMENT EDGE**

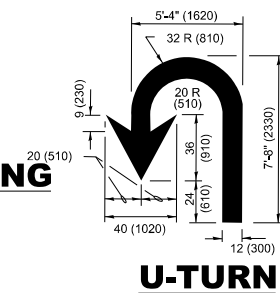


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**

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

**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

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

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 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"=3.8 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: TC-13 (Sheet)  
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	DRAWN -	REVISED - C. JUCIUS 07-01-13
	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/27/2026	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

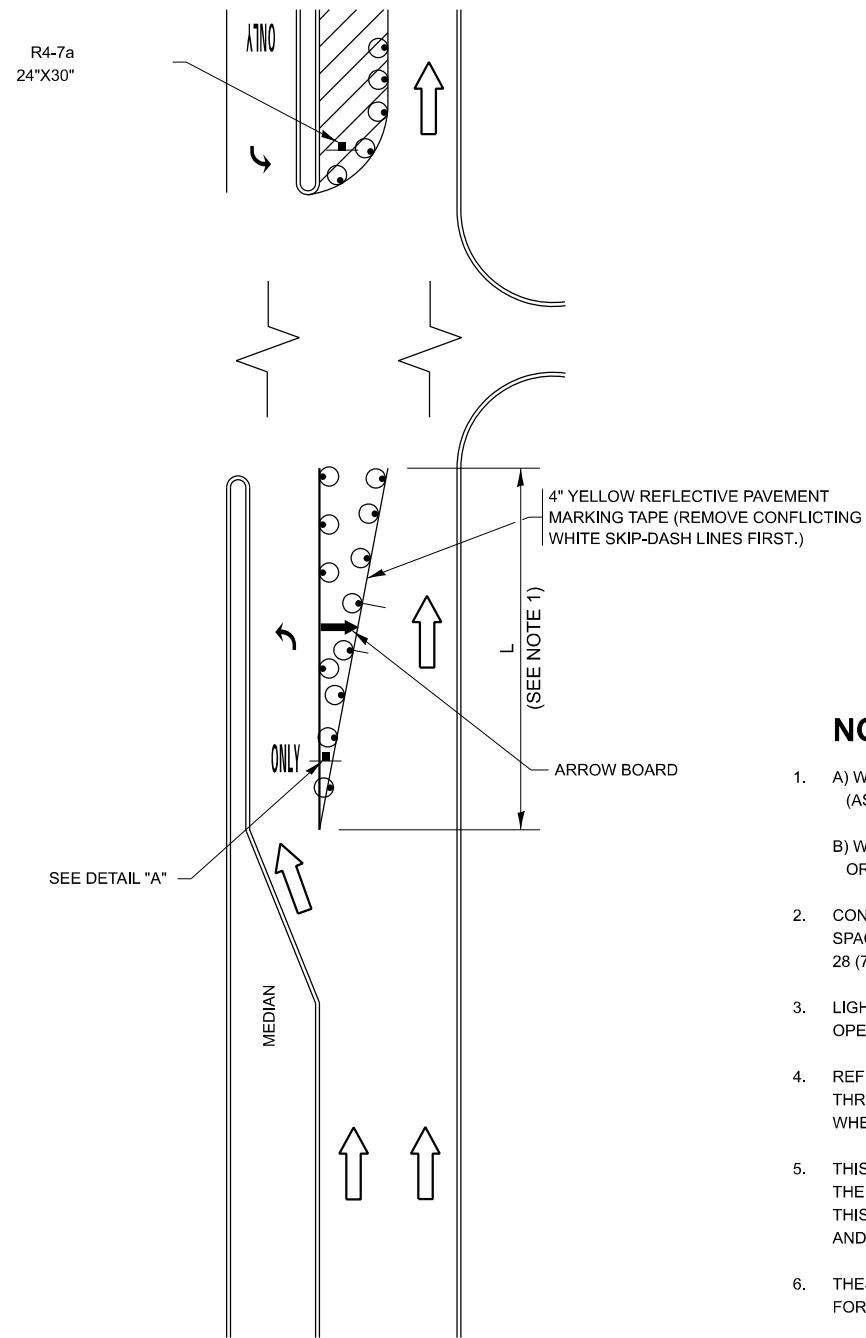
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET TC-13 OF 1 SHEETS STA. TO STA.

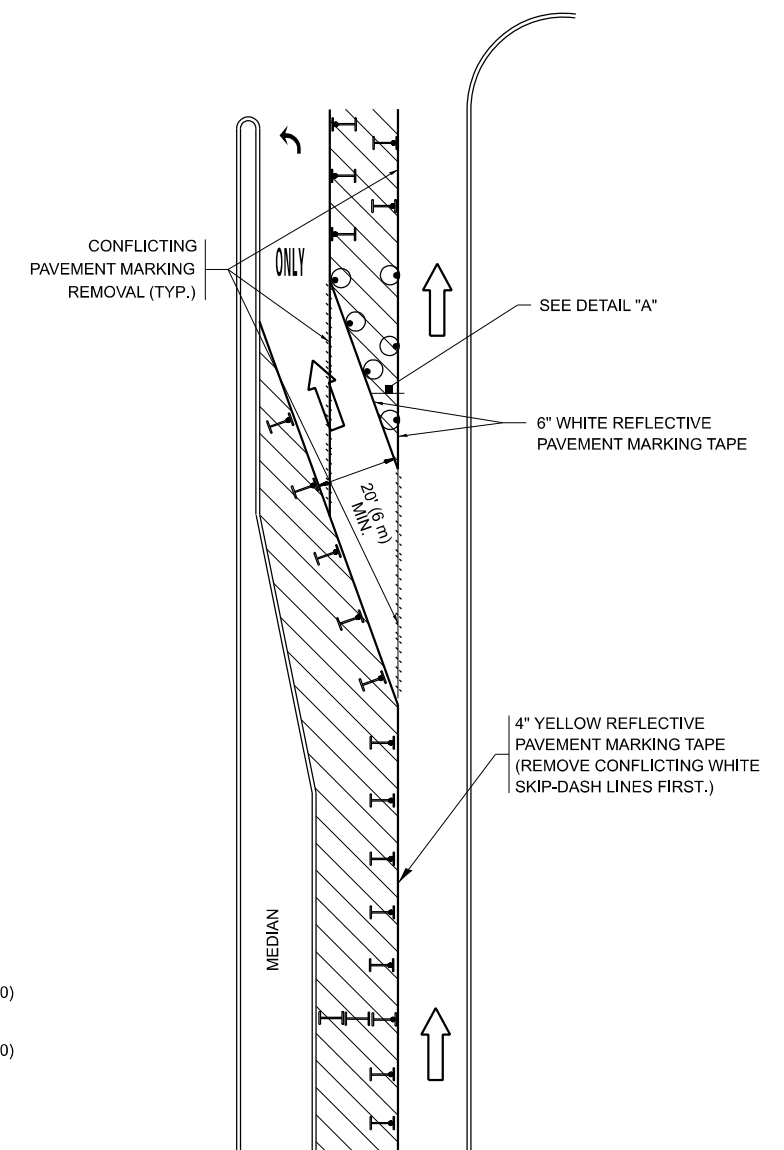
F.A.P. RTE. 347	SECTION FAP 0347 23 C&J2	COUNTY KANE & DU PAGE	TOTAL SHEETS 21	SHEET NO. 19
<b>TC-13</b>		CONTRACT NO. 62V78		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



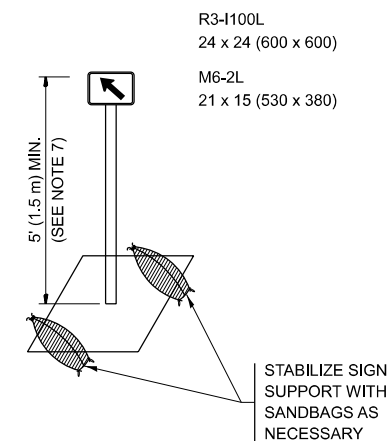
**FIGURE 2**

## 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.

MODEL: TC-14 [Sheet]  
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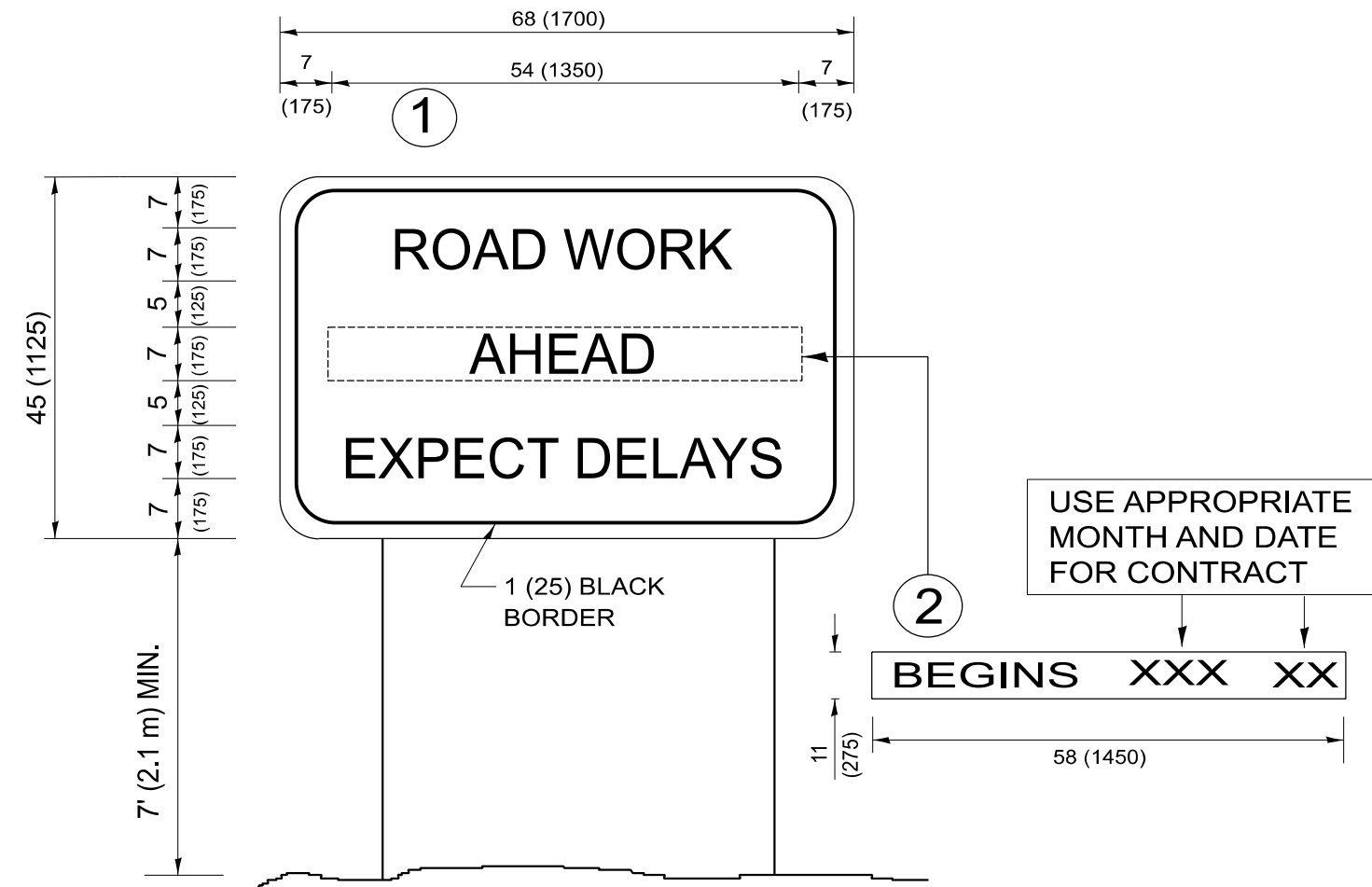
USER NAME = Phillip.Steed	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/27/2026	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET TC-14 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 0347 23 C&J2	KANE & DU PAGE	21	20
<b>TC-14</b>		CONTRACT NO. 62V78		
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]  
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USER NAME = Phillip.Steed	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/27/2026	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET TC-22 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	FAP 347 23 C&J2	KANE & DU PAGE	21	21
<b>TC-22</b>			CONTRACT NO. 62V78	
ILLINOIS FED. AID PROJECT				