

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	FAP 0352 22 CJ	LAKE	19	1
		ILLINOIS	CONTRACT NO. 62T81	

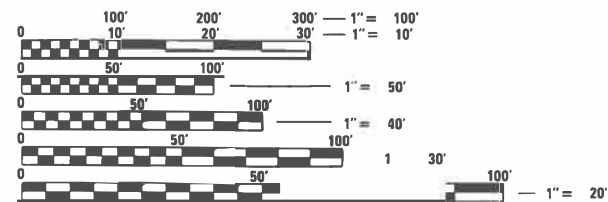
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY OF WAUKEGAN

**TRAFFIC DATA:**  
EXISTING ADT = 11,100 (2021)

**POSTED SPEED LIMIT**  
FROM STA 26+50 TO STA 60+27, AND  
FROM STA 117+83 TO STA 121+62 = 55 MPH  
FROM STA 60+27 TO STA 117+83 = 50 MPH  
FROM STA 121+62 TO STA 143+33 = 40 MPH

**DESIGN DESIGNATION:**  
OTHER PRINCIPAL ARTERIAL, FREEWAY OR EXPY



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255

PROJECT MANAGER: FAWAD AQUEEL

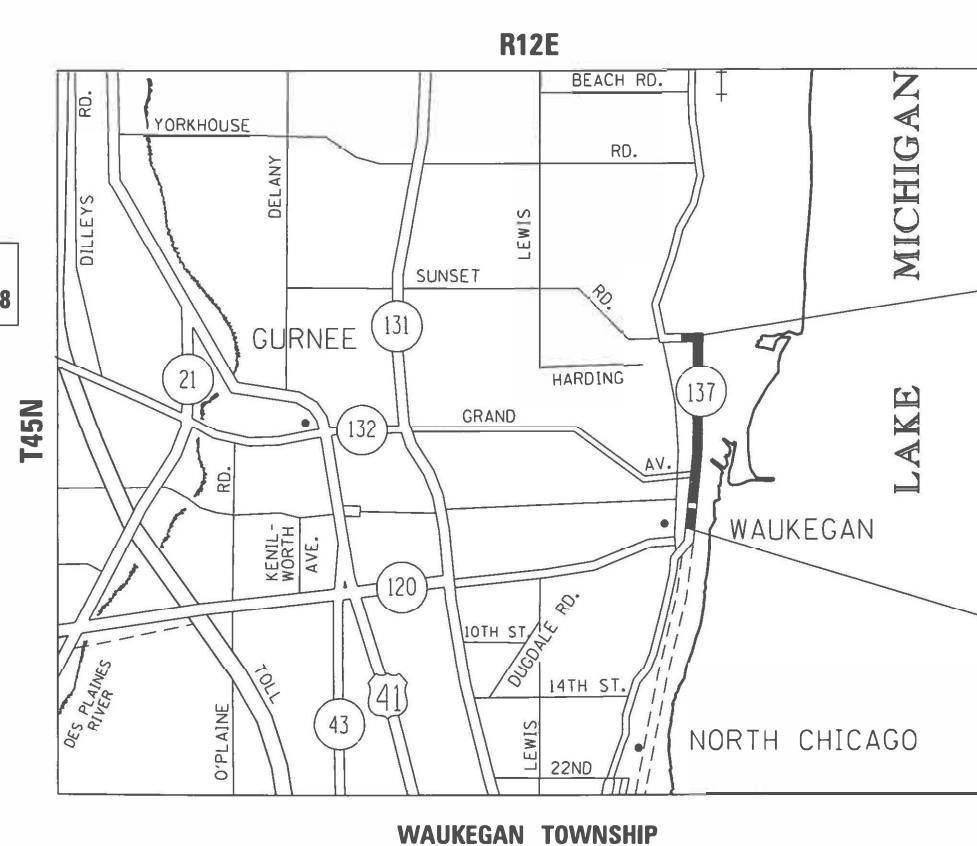
CONTRACT NO. 62T81

**PROPOSED  
HIGHWAY PLANS**

FAP 352: IL ROUTE 137 (GREENWOOD AVE)  
NORTH OF GENESSE ST TO EAST OF JOE FAVERO DR  
SECTION: FAP 0352 22 CJ  
CRACK AND JOINT SEALING  
LAKE COUNTY

C-91-311-22

OMISSION(S)  
STA. 34+47 TO 36+68



PROJECT ENDS  
STATION 143+33

PROJECT BEGINS  
STATION 26+50

GROSS LENGTH = 11683 FT. = 2.21 MILE  
NET LENGTH = 11462 FT. = 2.17 MILE

D-91-258-22



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 8 20 23  
John P. [Signature] REGIONAL ENGINEER  
June 30, 2023  
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT  
June 30, 2023  
Steph [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

**STANDARDS**

**GENERAL NOTES**

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
3	SUMMARY OF QUANTITIES	701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
4-6	TYPICAL SECTIONS	701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS GREATER OR EQUAL TO 45 MPH TO 55 MPH
7-11	PROPOSED PLANS AND PAVEMENT MARKING PLANS	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
12	CRACK AND JOINT SEALING DETAIL (PD-11)	701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
13	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
14-15	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)	701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
16	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
17	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701901-08	TRAFFIC CONTROL DEVICES
18	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)	780001-05	TYPICAL PAVEMENT MARKINGS
19	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (or TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (or ISTHA).
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMENANT PAVEMENT MARKINGS.
4. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.
5. 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.
6. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. ALL LANE CLOSURE ON IL 137 FROM GREENWOOD AVE TO N OF GENESSE ST ARE TO UTILIZE HIGHWAY STANDARDS 701421, 701426, AND 701411 FOR THEIR LANE CLOSURES.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>			
<b>IL 137 (GREENWOOD AVE), N. OF GENESSE ST TO E. OF JOE FAVERO DR</b>			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	FAP 0352 22 CJ	LAKE	19	2
CONTRACT NO. 62T81				
ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 100% STATE				
45100100	CRACK ROUTING (PAVEMENT)	FOOT	77649	77649				
45100200	CRACK FILLING	POUND	24403	24403				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	310	310				
45200300	JOINT OR CRACK FILLING	POUND	98	98				
67100100	MOBILIZATION	L SUM	1	1				
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	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				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	362	362				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 100% STATE				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	106186	106186				
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	5087	5087				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1091	1091				
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	6077	6077				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	4103	4103				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	79	79				
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	129	129				

\* SPECIALTY ITEM

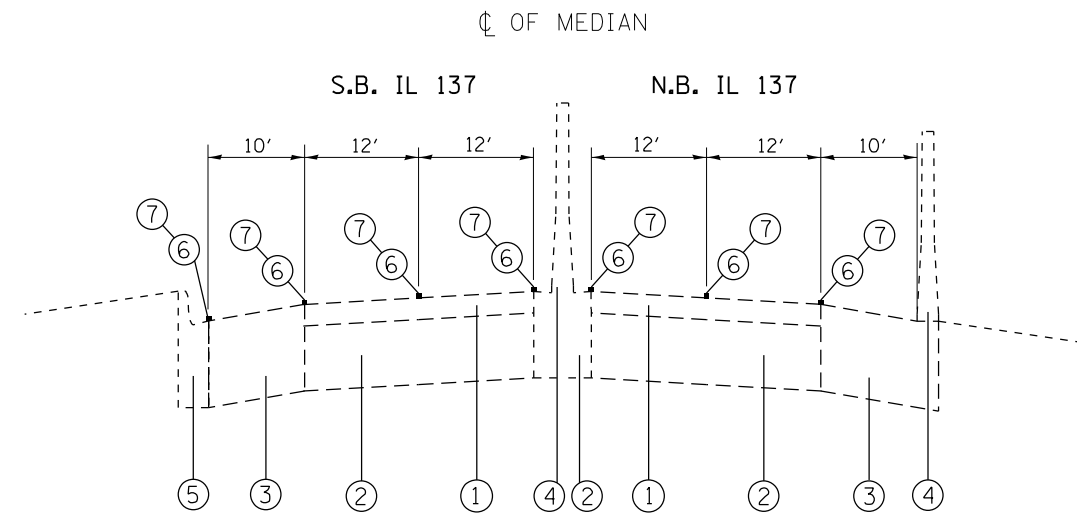
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
IL 137 (GREENWOOD AVE), N. OF GENESSE ST TO E. OF JOE FAVERO DR**

F.A.P. RTE. 352	SECTION FAP 0352 22 CJ	COUNTY LAKE	TOTAL SHEETS 19	SHEET NO. 3
			CONTRACT NO. 62T81	
SCALE:		SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

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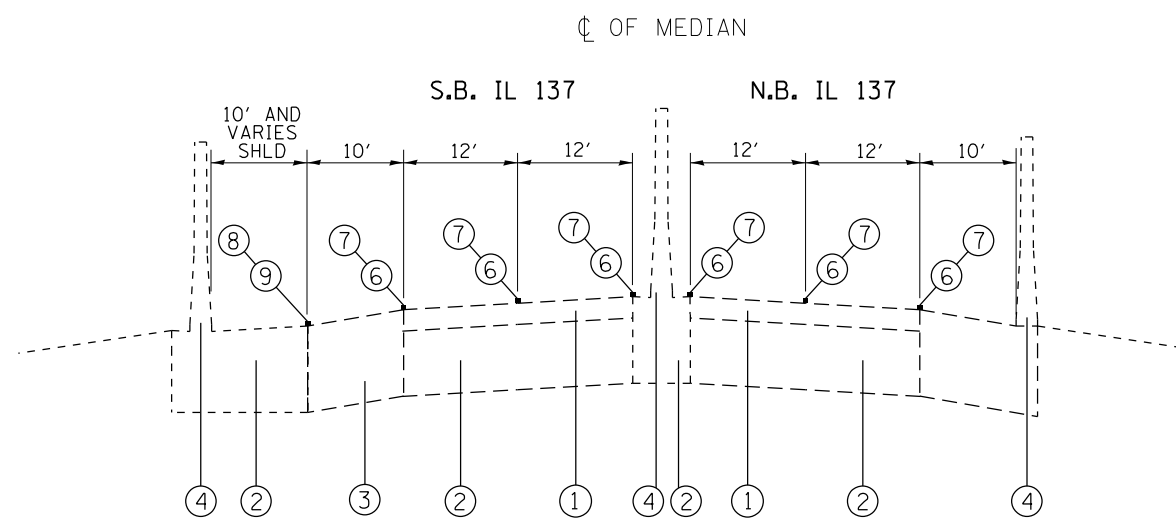
EXISTING TYPICAL CROSS SECTION

IL 137 MAINLINE HMA SURFACE (N.B. AND S.B.)  
PROPOSED CRACK AND JOINT SEALING:

STA. 26+50 TO STA. 28+10

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES''
- ② EXISTING P.C.C. PAVEMENT, VARIES''
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING



EXISTING TYPICAL CROSS SECTION

IL 137 MAINLINE HMA SURFACE (N.B. AND S.B.)  
PROPOSED CRACK AND JOINT SEALING:

STA. 28+10 TO STA. 30+90

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES''
- ② EXISTING P.C.C. PAVEMENT, VARIES''
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING

NOTE:

CRACK FILLING AND CRACK ROUTING SHALL ALSO BE APPLIED TO AUXILLARY LANES WITH HMA SURFACE ADJACENT TO THE MAINLINE. (SEE PROPOSED WORK ON ROADWAY PLANS FOR EXACT LOCATIONS)

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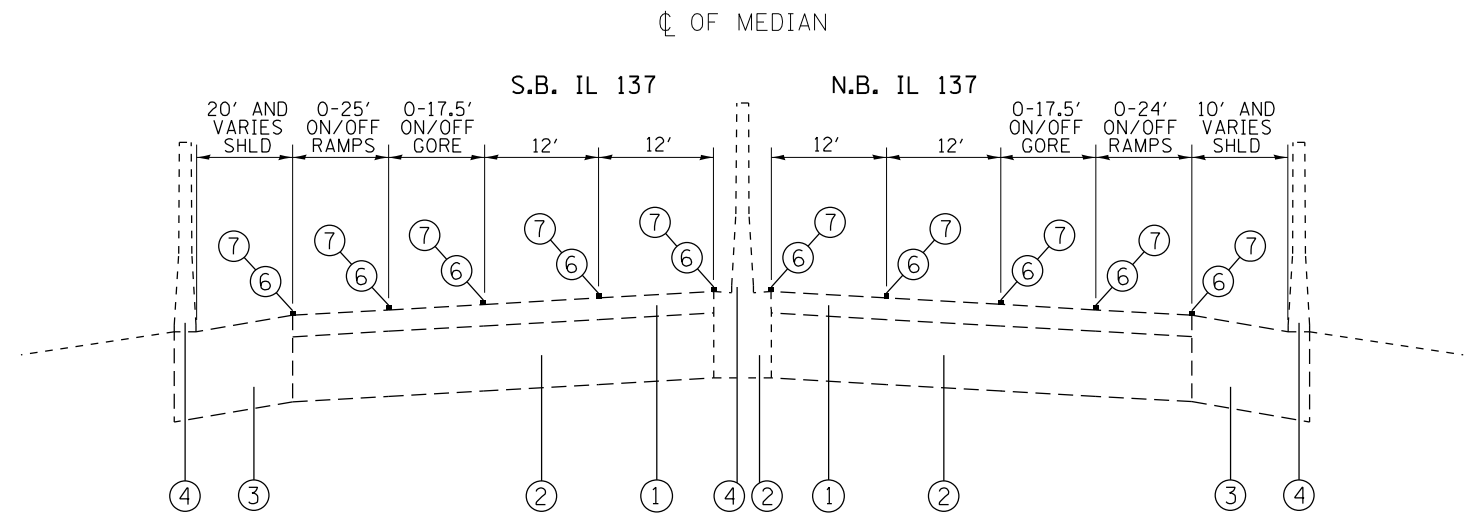
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING ROADWAY CROSS SECTION  
IL 137 (GREENWOOD AVE), N. OF GENESE ST TO E. OF JOE FAVERO DR**

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	FAP 0352 22 CJ	LAKE	19	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T81	



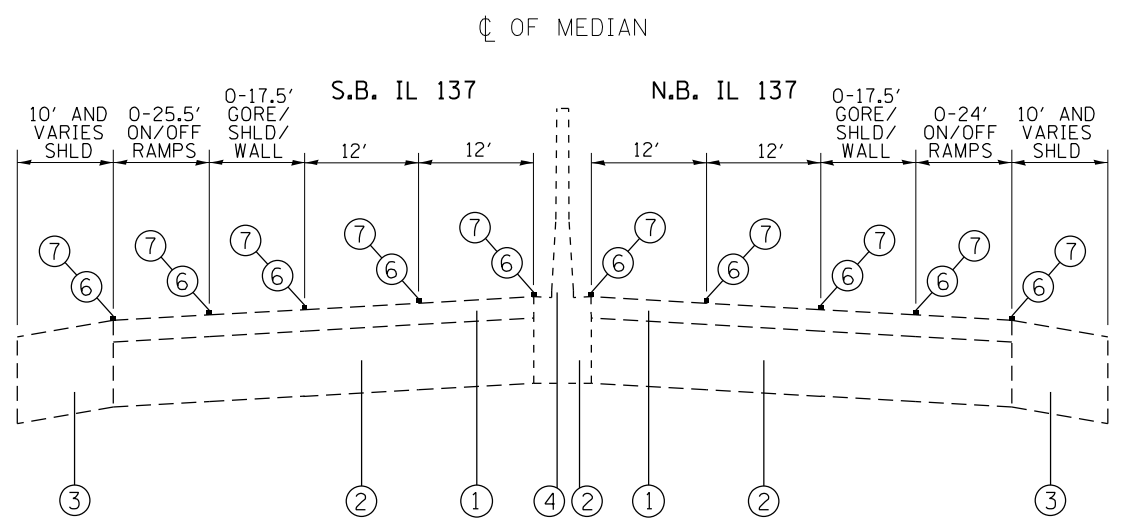
EXISTING TYPICAL CROSS SECTION

IL 137 MAINLINE HMA SURFACE (N.B. AND S.B.)  
PROPOSED CRACK AND JOINT SEALING:

STA. 30+90 TO STA. 47+26  
( HMA CRACK AND JT. SEALING OMISSION AT  
S.B./N.B. IL 137: STA. 34+47 TO STA. 36+68 )

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES''
- ② EXISTING P.C.C. PAVEMENT, VARIES''
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING



EXISTING TYPICAL CROSS SECTION

IL 137 MAINLINE HMA SURFACE (N.B. AND S.B.)  
PROPOSED CRACK AND JOINT SEALING:

STA. 47+26 TO STA. 72+07

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES''
- ② EXISTING P.C.C. PAVEMENT, VARIES''
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING

NOTE:

CRACK FILLING AND CRACK ROUTING SHALL ALSO BE APPLIED TO AUXILLARY LANES WITH HMA SURFACE ADJACENT TO THE MAINLINE. (SEE PROPOSED WORK ON ROADWAY PLANS FOR EXACT LOCATIONS)

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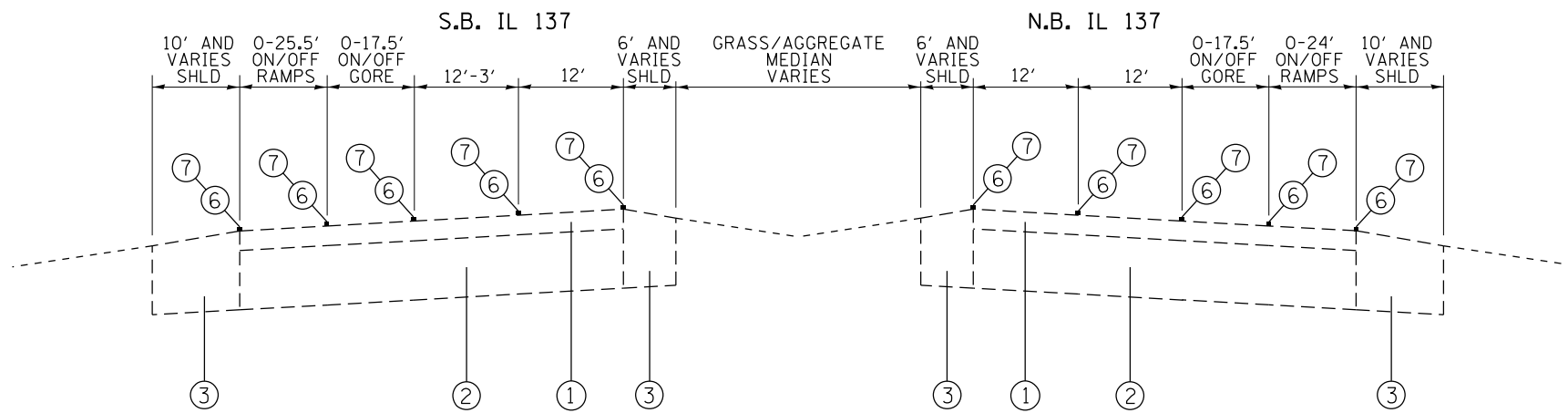
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING ROADWAY CROSS SECTION  
IL 137 (GREENWOOD AVE), N. OF GENESE ST TO E. OF JOE FAVERO DR**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	FAP 0352 22 CJ	LAKE	19	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T81	



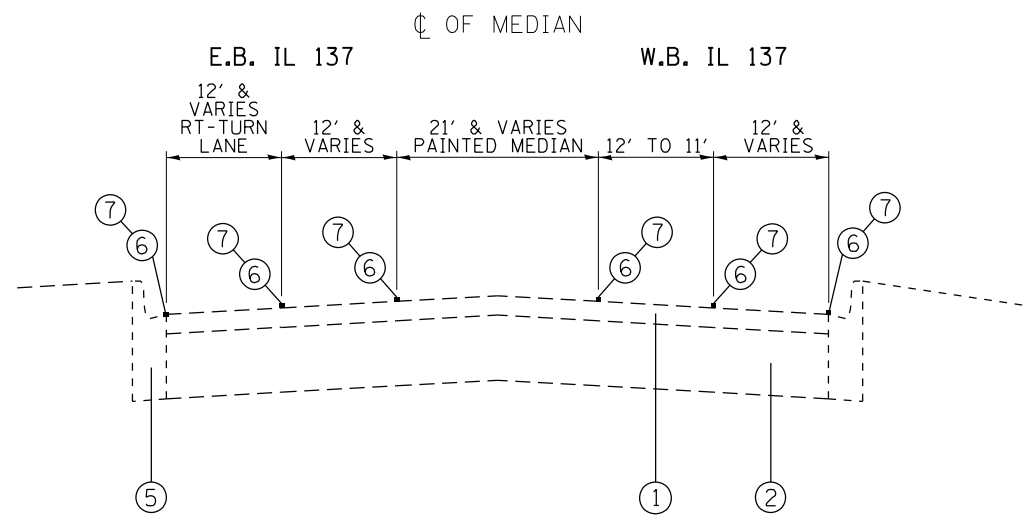
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PROPOSED CRACK AND JOINT SEALING:

STA. 72+07 TO STA. 128+37

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES"
- ② EXISTING P.C.C. PAVEMENT, VARIES"
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING



EXISTING TYPICAL CROSS SECTION

IL 137 MAINLINE HMA SURFACE (E.B. AND W.B.)  
PROPOSED CRACK AND JOINT SEALING:

STA. 138+43 TO STA. 143+33

LEGEND

- ① EXISTING HMA SURFACE COURSE., VARIES"
- ② EXISTING P.C.C. PAVEMENT, VARIES"
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONC. BARRIER WALL DOUBLE FACE (2'-3' WIDE)
- ⑤ EXISTING CURB AND GUTTER
- ⑥ PROPOSED CRACK ROUTING (PAVEMENT)
- ⑦ PROPOSED CRACK FILLING
- ⑧ PROPOSED CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ⑨ PROPOSED JOINT OR CRACK FILLING

NOTE:

CRACK FILLING AND CRACK ROUTING SHALL ALSO BE APPLIED TO AUXILLARY LANES WITH HMA SURFACE ADJACENT TO THE MAINLINE. (SEE PROPOSED WORK ON ROADWAY PLANS FOR EXACT LOCATIONS)

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY CROSS SECTION			
IL 137 (GREENWOOD AVE), N. OF GENESE ST TO E. OF JOE FAVERO DR			
SCALE: N.T.S.	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	FAP 0352 22 CJ	LAKE	19	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T81	



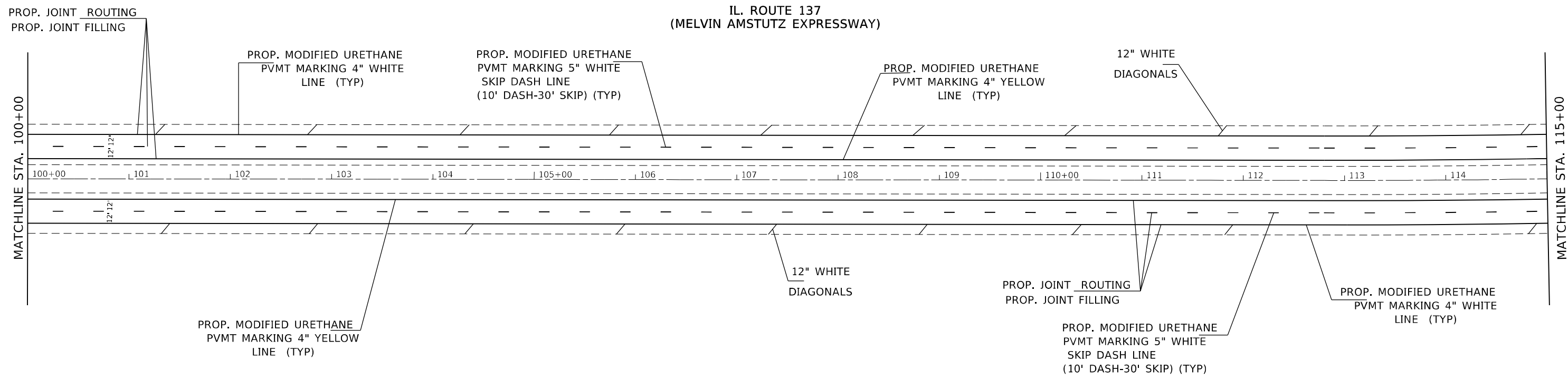




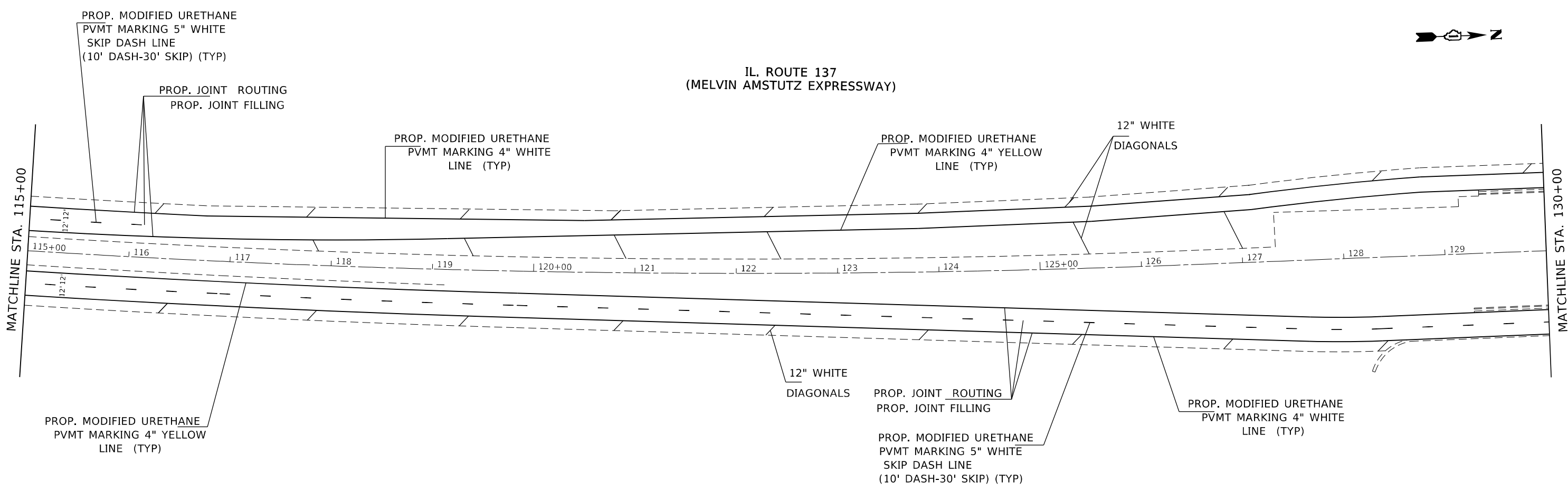




IL. ROUTE 137  
(MELVIN AMSTUTZ EXPRESSWAY)



IL. ROUTE 137  
(MELVIN AMSTUTZ EXPRESSWAY)



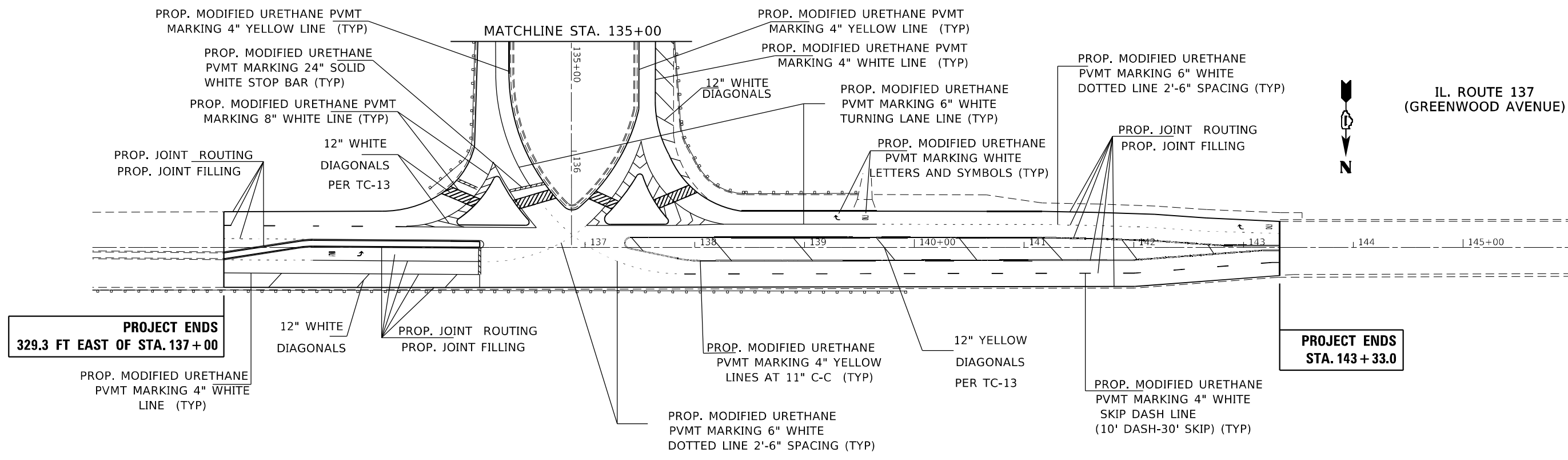
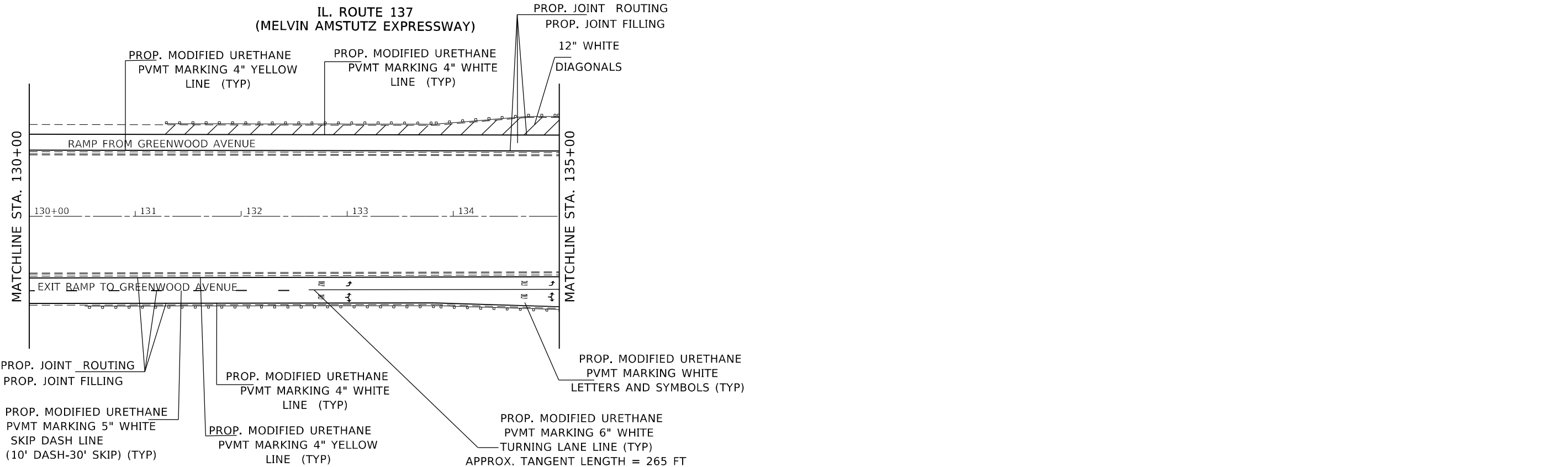
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**ROADWAY PLAN**  
**IL 137 (GREENWOOD AVE), N. OF GENESSE ST TO E. OF JOE FAVERO DR**  
 SCALE: 1"=50'    SHEET 4 OF 5 SHEETS    STA. 100+00 TO STA. 130+00

F.A.P. RTE. 352	SECTION FAP 0352 22 CJ	COUNTY LAKE	TOTAL SHEETS 19	SHEET NO. 10
CONTRACT NO. 62T81			ILLINOIS FED. AID PROJECT	



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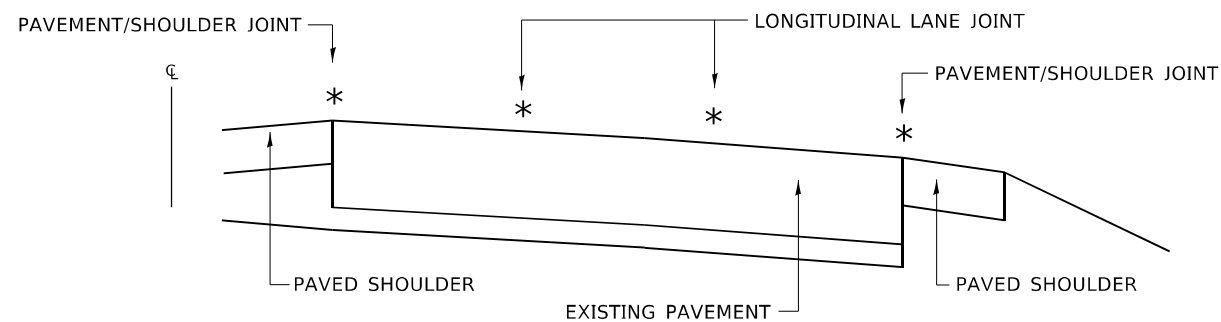
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

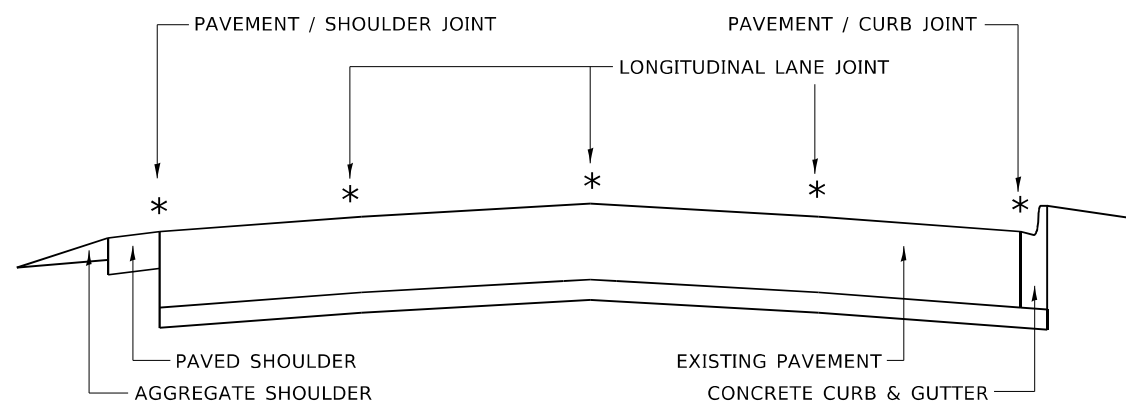
ROADWAY PLAN  
IL 137 (GREENWOOD AVE), N. OF GENESSE ST TO E. OF JOE FAVERO DR

SCALE: 1"=50'    SHEET 5 OF 5 SHEETS    STA. 130+00 TO STA. 143+33

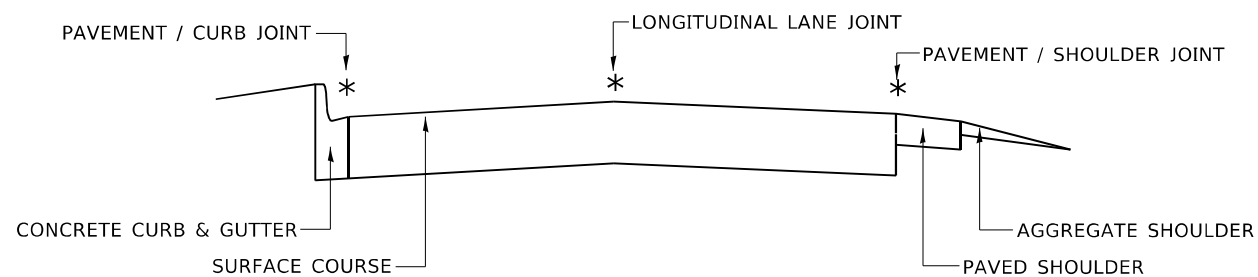
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352	FAP 0352 22 CJ	LAKE	19	11
CONTRACT NO. 62T81				
ILLINOIS FED. AID PROJECT				



**MULTI-LANE DIVIDED PAVEMENT**



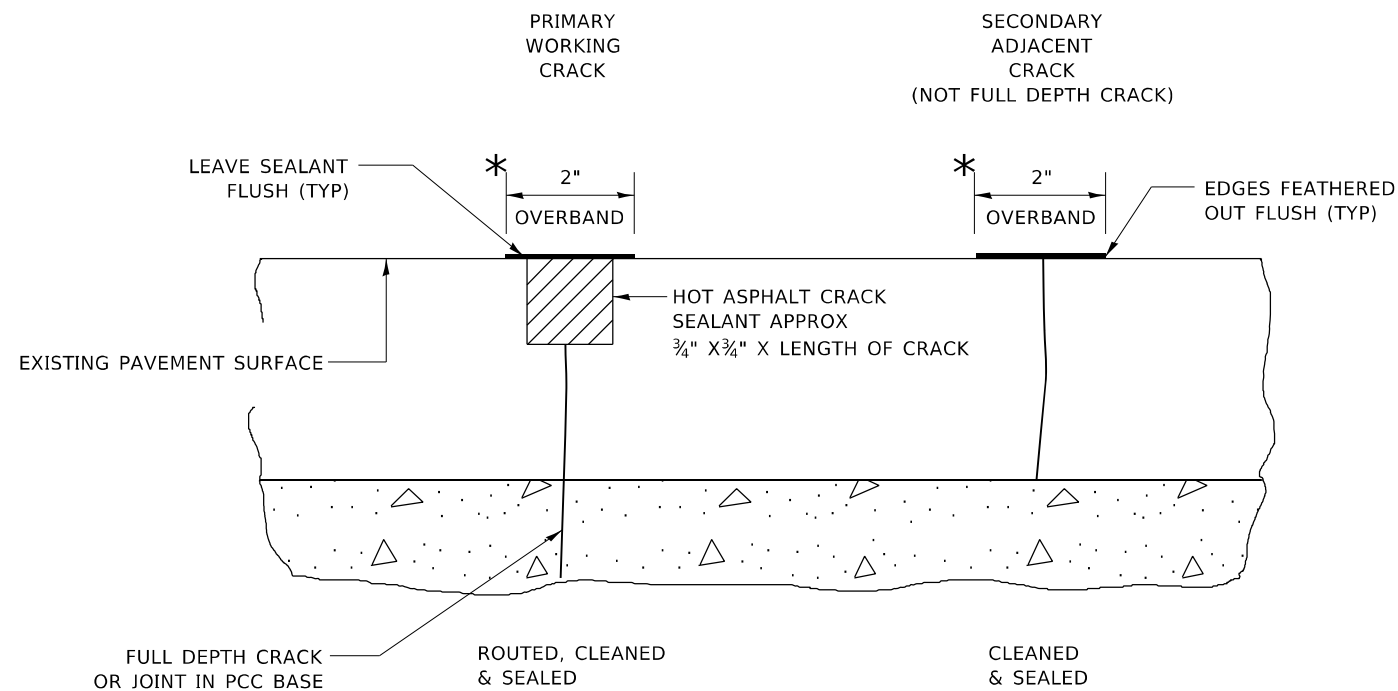
**MULTI-LANE UNDIVIDED PAVEMENT**



**TWO-LANE PAVEMENT**

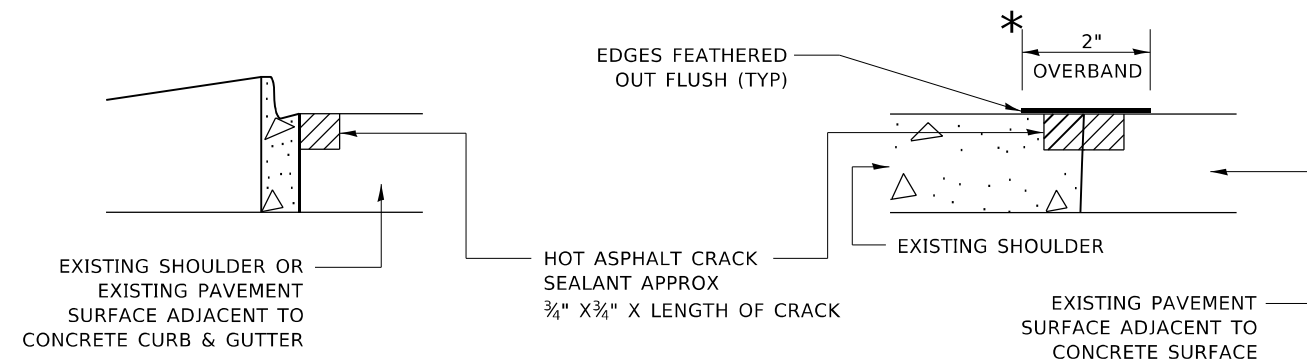
\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**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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 PROJECT: 1125822

USER NAME = Eirik, Dunn	DESIGNED - F. Aqueel / A. Midy	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/8/2023	DATE - 10/08/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

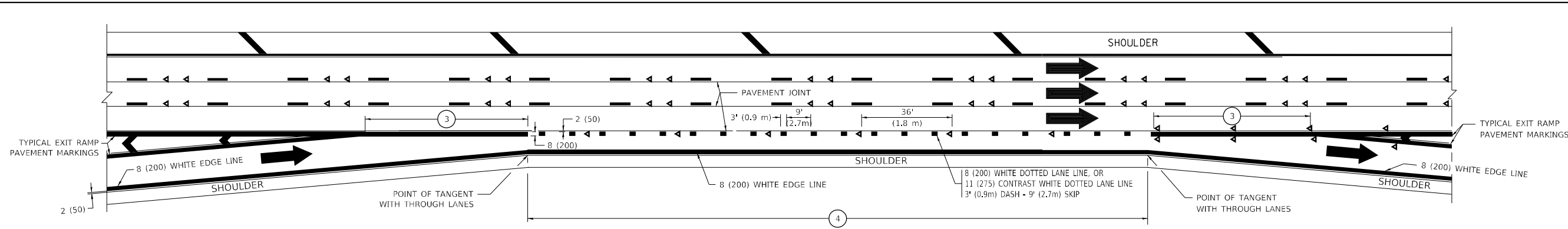
**CRACK & JOINT SEALING DETAIL (PD-11)**

SCALE: SHEET OF SHEETS STA. TO STA.

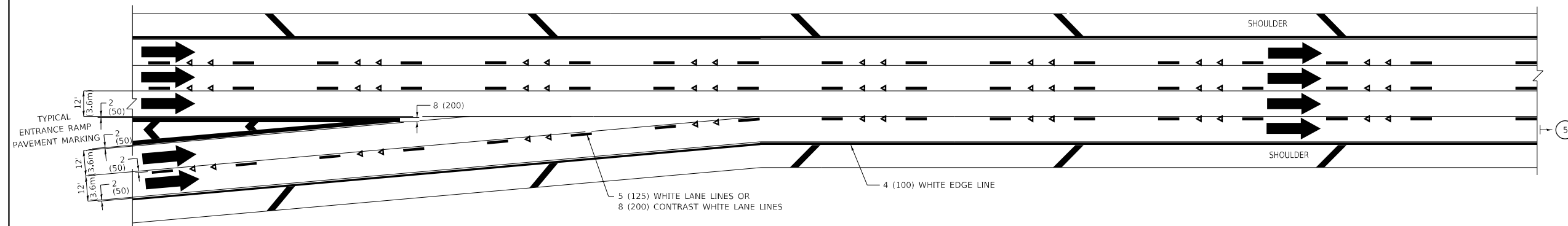
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	FAP 0352 22 CJ	LAKE	19	12
CONTRACT NO. 62T81				
ILLINOIS FED. AID PROJECT				



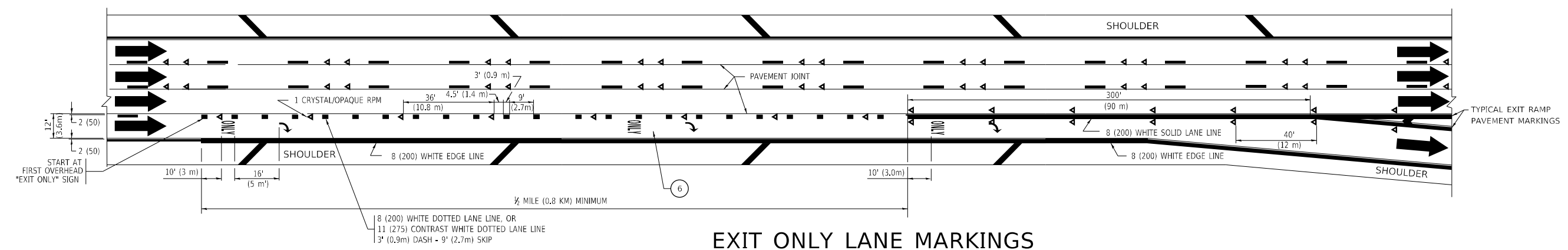




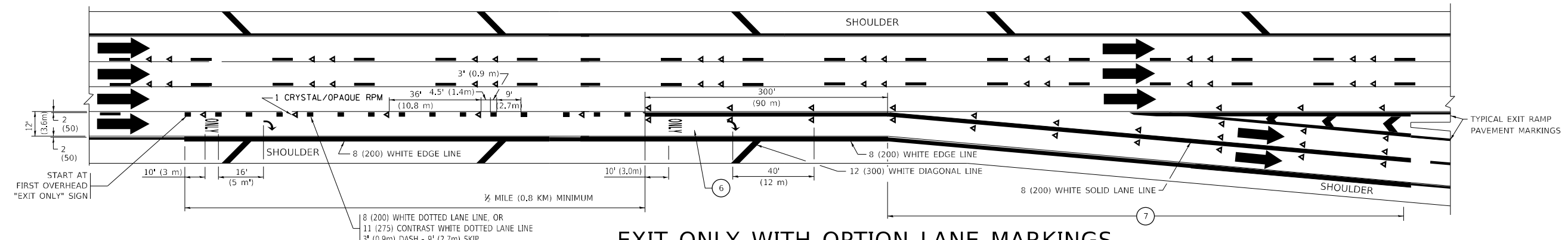
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES:**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
  - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
  - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
  - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
  - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

MODEL: Default  
 FILE: Multi-Lane-Freeway-Pavement-Markings-Details.dwg  
 PROJECT: I-55/US-52 Interchange at I-55/US-52 Interchange  
 PROJECT: I-55/US-52 Interchange at I-55/US-52 Interchange

USER NAME = Erik.Dunn	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - S.P.B. 01-10
PLOT DATE = 5/8/2023	DATE - 01-90	REVISED - M.D. 09-17

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MULTI-LANE FREEWAY  
PAVEMENT MARKING DETAILS**

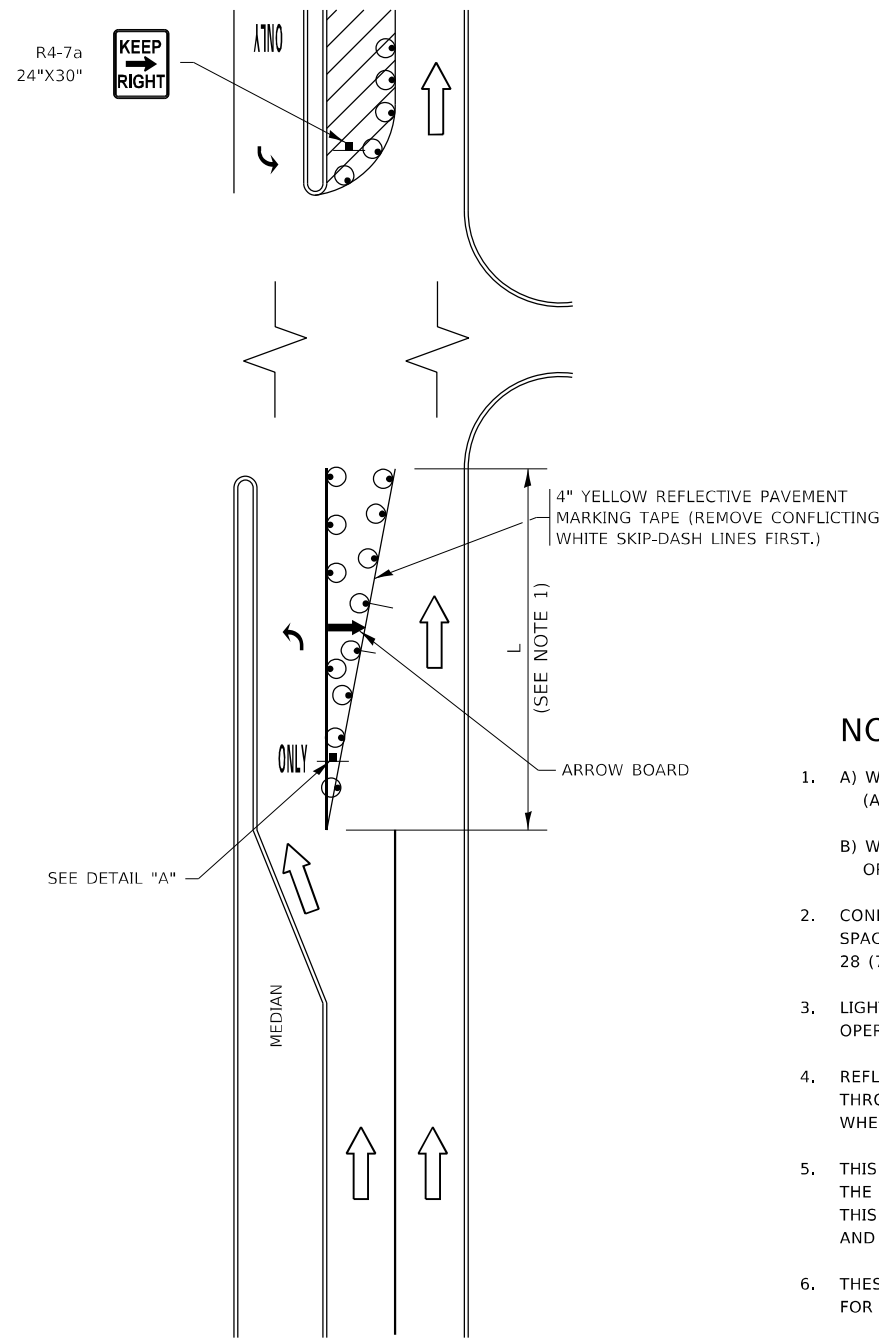
SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 352	SECTION FAP 0352 22 CJ	COUNTY LAKE	TOTAL SHEETS 19	SHEET NO. 15
TC-12		CONTRACT NO. 62T81		
ILLINOIS FED. AID PROJECT				



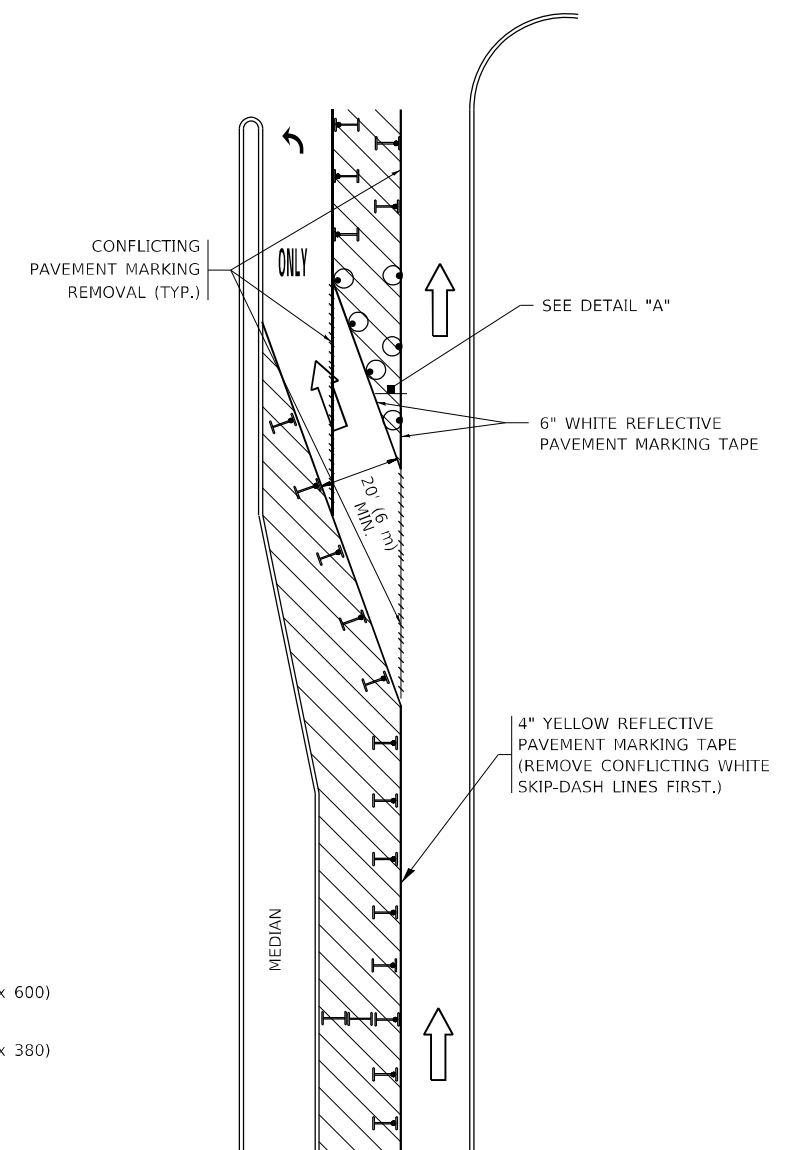


# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

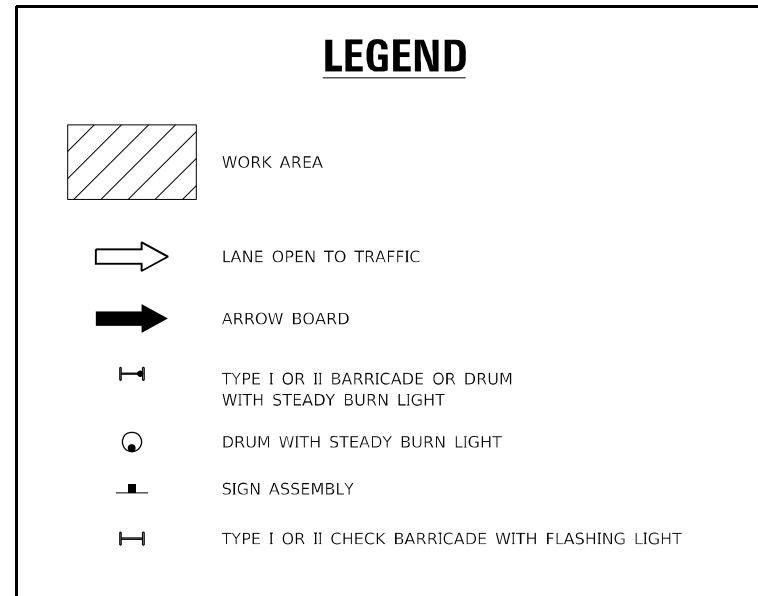


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

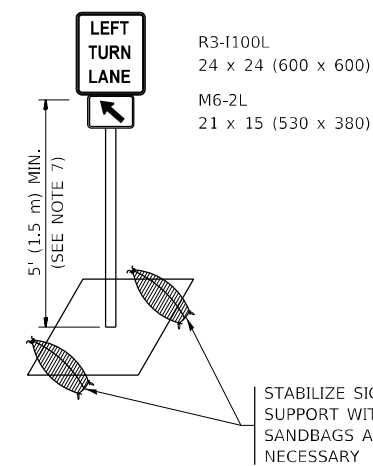


**FIGURE 2**



### 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: Default  
 FILE: \\na16c-pw-bentley.com\PW\DOT\Documents\DOT Office\Dir\rdt\_1\Project\1125822\CADD\data\Design\1125822-ahc-container

USER NAME = Erik.Dunn	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/8/2023	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 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 352	SECTION FAP 0352 22 CJ	COUNTY LAKE	TOTAL SHEETS 19	SHEET NO. 17
TC-14		CONTRACT NO. 62T81		
ILLINOIS FED. AID PROJECT				



