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HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-09 TRAFFIC CONTROL DEVICES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

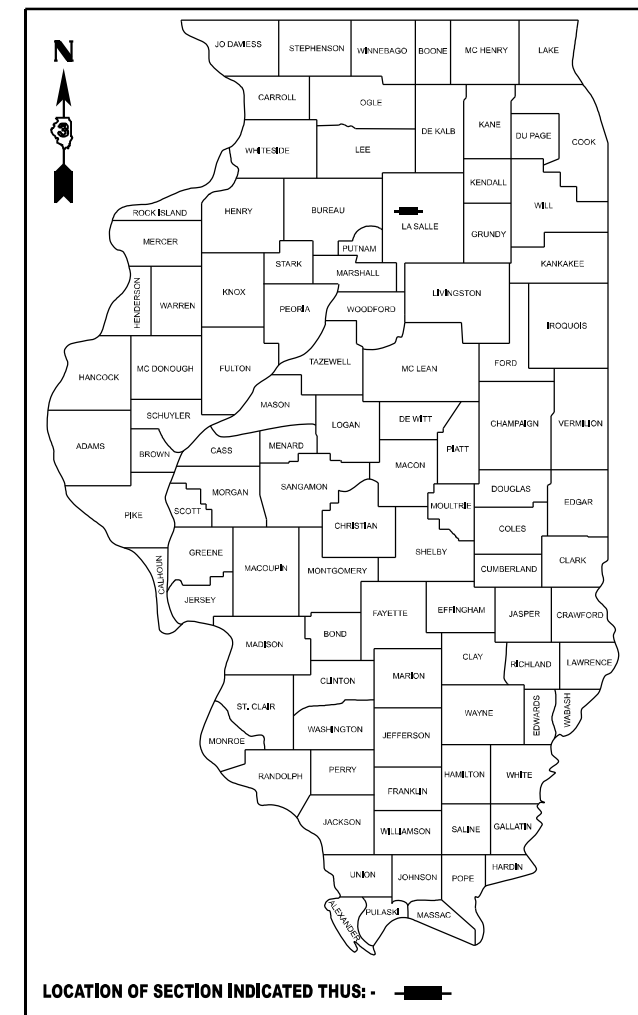
**PROPOSED
HIGHWAY PLANS**

**F.A.I. ROUTE 80 (I-80)
SECTION D3 I-80 INTERMITTENT RS 2024
INTERMITTENT RESURFACING
LASALLE COUNTY**

C-93-133-24

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	1
		ILLINOIS	CONTRACT NO.	

D-93-096-24



FUNCTIONAL CLASSIFICATION
URBAN - INTERSTATE
F.A.I. ROUTE 80 (I-80)
2023 ADT = 28700
P.V. 61.0 % S.U. 3.5 % M.U. 35.5 %

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 8, 2024
Trisha Thompson REGIONAL ENGINEER

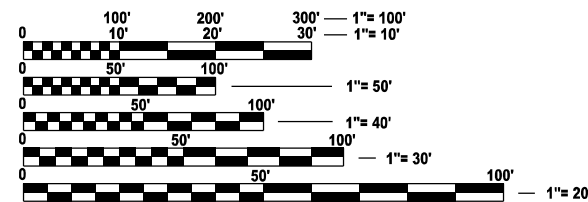
August 16, 2024
Scott A. Elk
 ENGINEER OF DESIGN AND ENVIRONMENT

August 16, 2024
James J. Gu
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

END IMPROVEMENT
AT STRUCTURE NO. 050-0177
CARRYING I-39 NORTHBOUND
OVER I-80

BEGIN IMPROVEMENT
0.5 MILES WEST OF I-39 INTERCHANGE
(JUST WEST OF STRUCTURE NO. 050-0093)

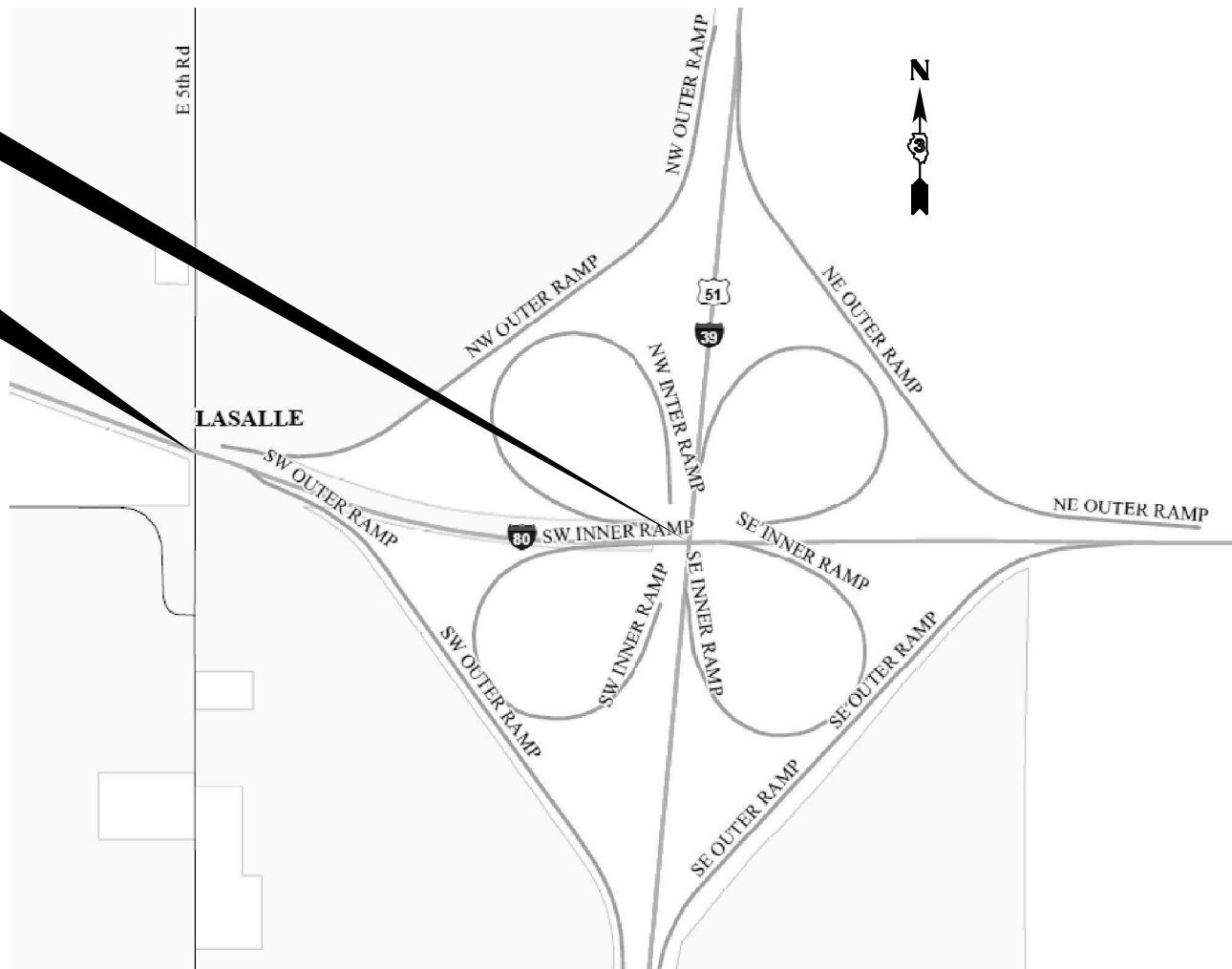


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER YOGESH PATEL P.E.
UNIT CHIEF RON WOODSHANK
DISTRICT 3 (815) 434-6131

CONTRACT NO. 66P80



GROSS LENGTH = 2,596 FT. = 0.49 MILES
 NET LENGTH = 1,000 FT. = 0.19 MILES

GENERAL NOTES

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA SURFACE SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HMA RESURFACING	112	LBS / SQ YD / IN
BINDER (HAND METHOD)	0.0005	TONS / SQ YD
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD

COMMITMENTS

NONE

HMA MIXTURE REQUIREMENT TABLE	
LOCATION(S):	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE 2"
BINDER GRADE (PG):	SBS PG 70-28
DESIGN AIR VOIDS:	4.0% @ N90
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5
FRICTION AGGREGATE:	MIXTURE E
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
DENSITY TEST METHOD:	COES/NUCLEAR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION**

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

**START & END DATES
OF CONSTRUCTION:**

INSPECTORS:

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	DRAWN - RW	REVISED -
	CHECKED - YP	REVISED -
PLOT DATE = 7/2/2024	DATE - 6/20/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66P80	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE ROADWAY	
				0005	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	750	750	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	0.6	0.6	
40600907	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N90	TON	0.8	0.8	
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	187	187	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1667	1667	
67100100	MOBILIZATION	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	20	20	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	150	150	
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	380	380	
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	1638	1638	

***SPECIALITY ITEMS**

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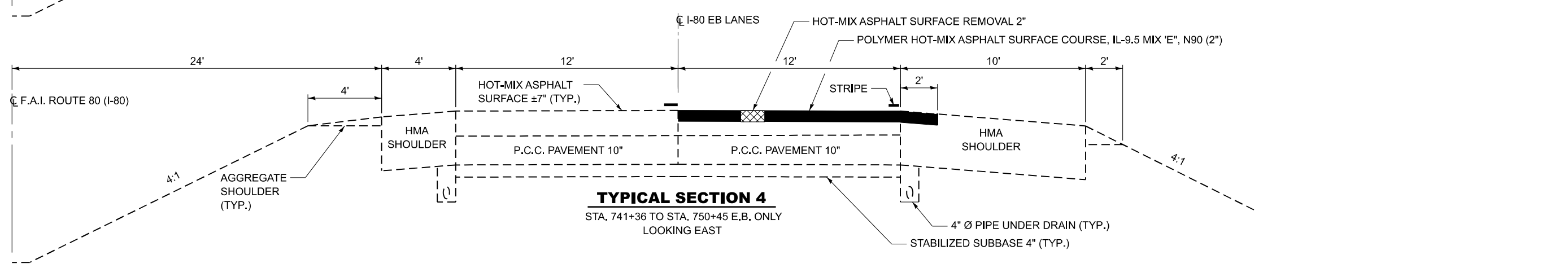
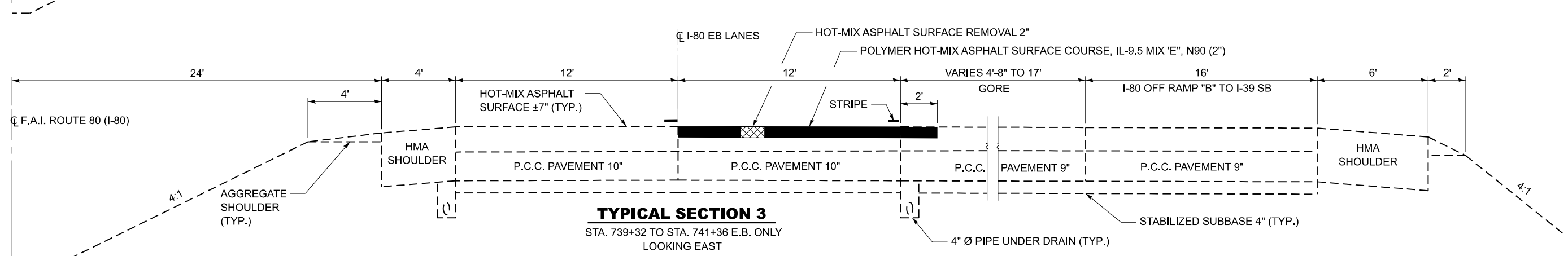
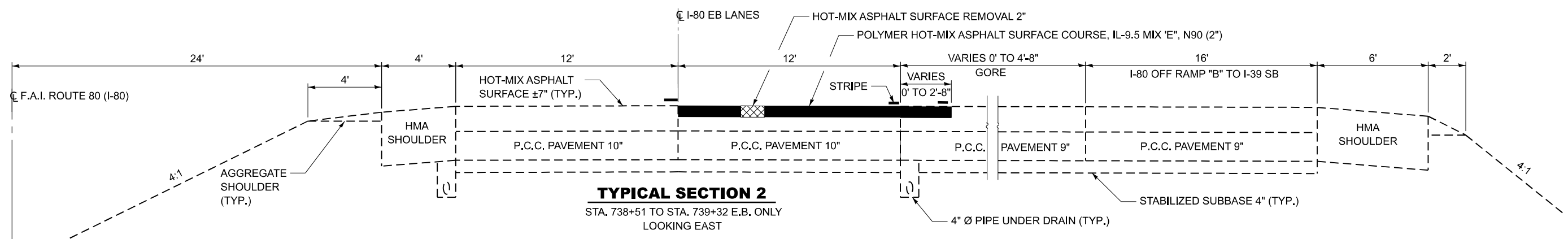
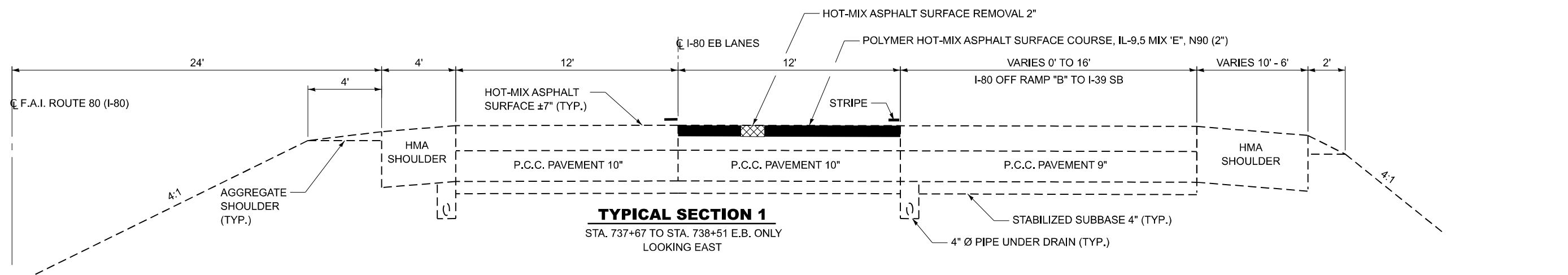
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66P80	



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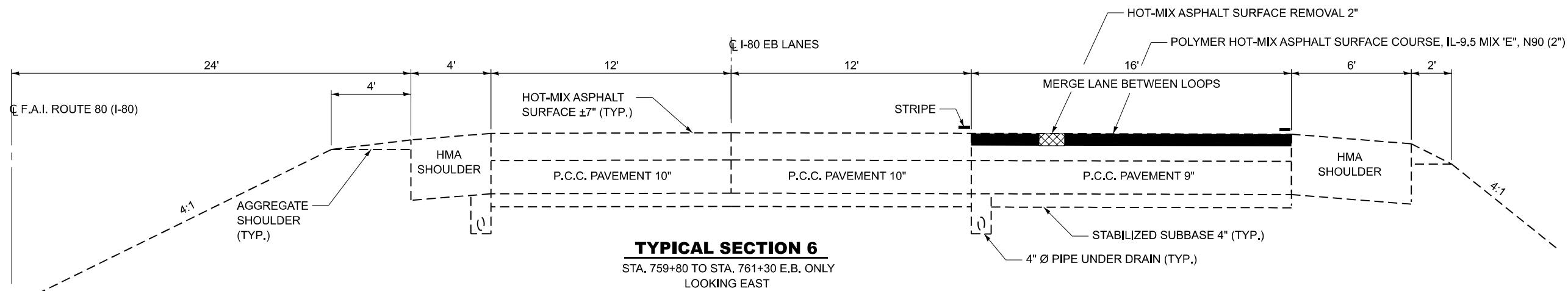
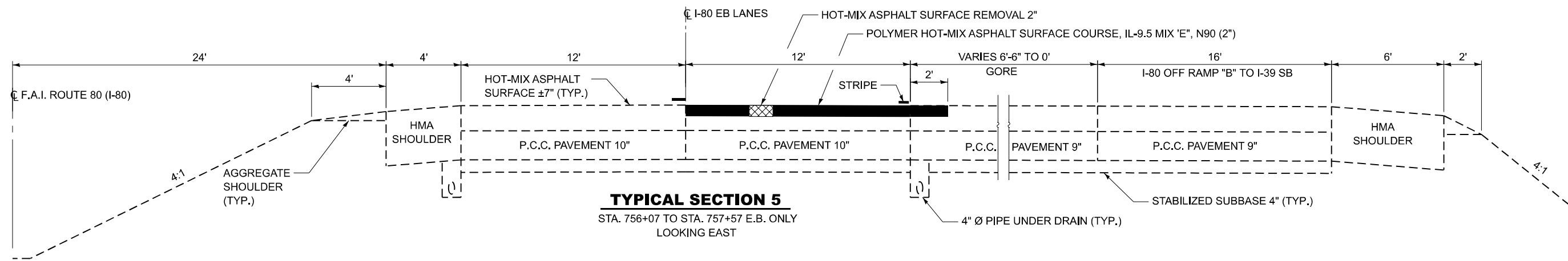
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS SECTIONS

SCALE: SHEET 1 OF 2 SHEETS STA. 737+67 TO STA. 750+45

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	4
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 7/2/2024	DATE - 6/20/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 2 OF 2 SHEETS STA. 756+07 TO STA. 761+30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80		LASALLE	11	5
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				

SCHEDULE - RESURFACING

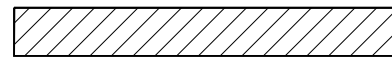
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL 2"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD) N90	MIXTURE FOR CRACKS JOINTS AND FLANGEWAYS	POLYMER HOT-MIX ASPHALT SURFACE COURSE IL-9.5 MIX "E" N90
STA. FROM	STA. TO	DIRECTION	LANE/RAMP	SQ YD	POUND	TON	TON	TON
737+67	750+45	EB	DRIVE LANE	1167	525	0.6	0.4	131
756+07	757+57	EB	DRIVE LANE	233	105	0.1	0.1	26
759+80	761+30	EB	MERGE LANE	267	120	0.1	0.1	30
TOTALS				1667	750	0.8	0.6	187

SCHEDULE - PAVEMENT MARKING

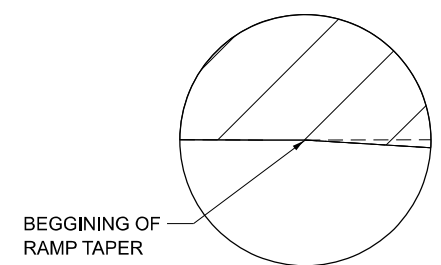
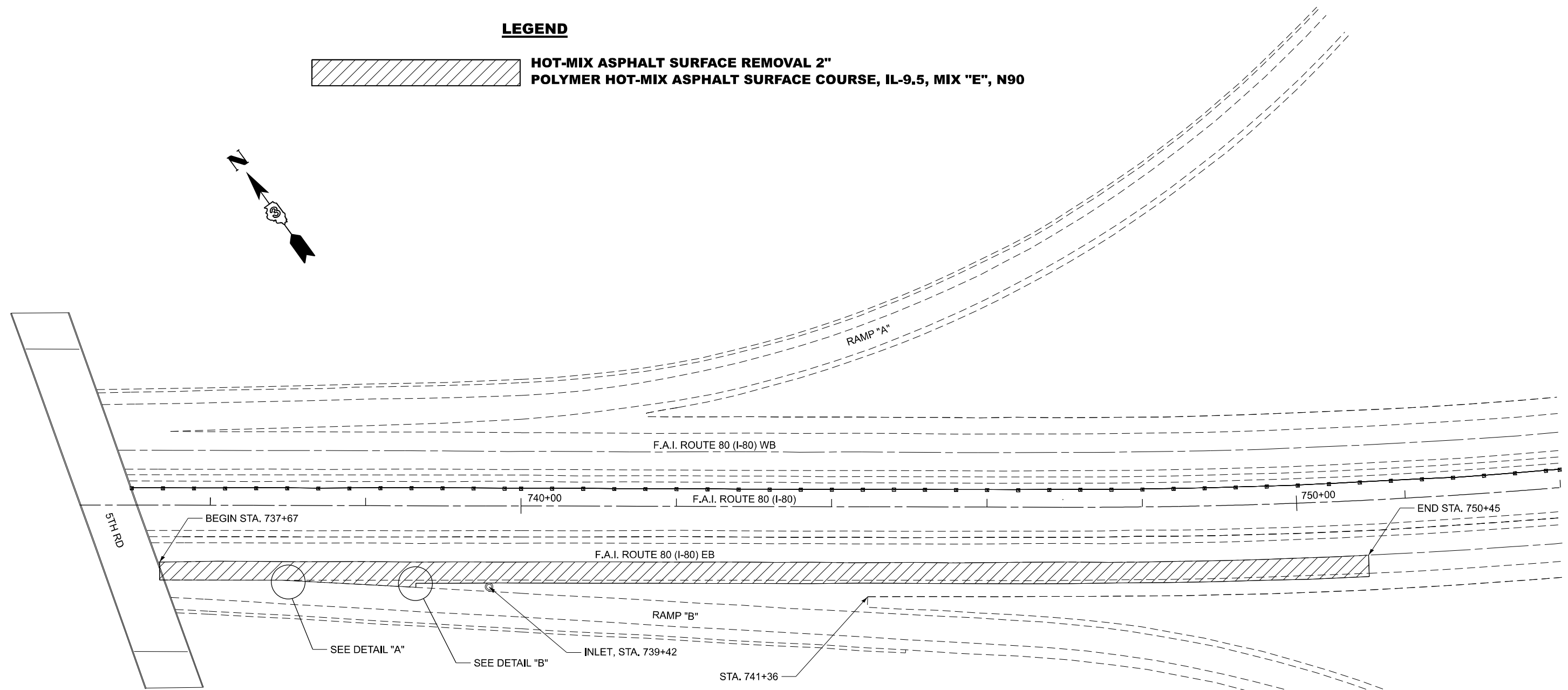
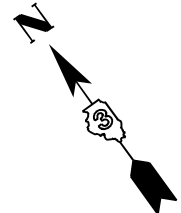
LOCATION				PAINT PAVEMENT MARKING LINE 4"	PAINT PAVEMENT MARKING LINE 6"	PAINT PAVEMENT MARKING LINE 8"	
				WHITE	WHITE	WHITE (SOLID)	WHITE (SKIP-DASH)
STA. FROM	STA. TO	DIRECTION	LANE/RAMP	FOOT	FOOT	FOOT	FOOT
737+67	750+45	EB	DRIVE LANE		320	1280	20
756+07	757+57	EB	DRIVE LANE		60	300	
759+80	761+30	EB	MERGE LANE	150			38
SUBTOTALS						1580	58
TOTALS				150	380	1638	

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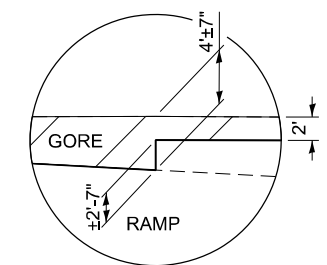
LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL 2"
POLYMER HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90



DETAIL "A"
 STA. 738+47



DETAIL "B"
 STA. 739+42

NOTES:

1. PRIOR TO BEGINNING MILLING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING RAISED REFLECTIVE PAVEMENT MARKERS. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS ADJACENT TO MILLING LOCATIONS SHALL REMAIN IN PLACE. THE CONTRACTOR SHALL ADJUST HIS MILLING OPERATIONS TO AVOID DISLODGING THE PAVEMENT MARKERS.
2. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS FOUND TO BE WITHIN MILLING LOCATIONS SHALL BE REMOVED AND DISPOSED OF AS DIRECTED BY THE ENGINEER. COST OF REMOVING THE MARKERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL. REMOVED RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE REPLACED.
3. THE CONTRACTOR IS HEREBY NOTIFIED OF THE PRESENCE OF EXISTING PORTLAND CEMENT CONCRETE PATCHES WITHIN THE HOT-MIX ASPHALT SURFACE REMOVAL AREAS. THE CONCRETE PATCHES SHALL BE MILLED FOR RESURFACING ACCORDING TO ARTICLE 440.04 OF THE STANDARD SPECIFICATIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MILLING CONCRETE PATCHES.



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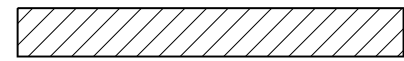
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

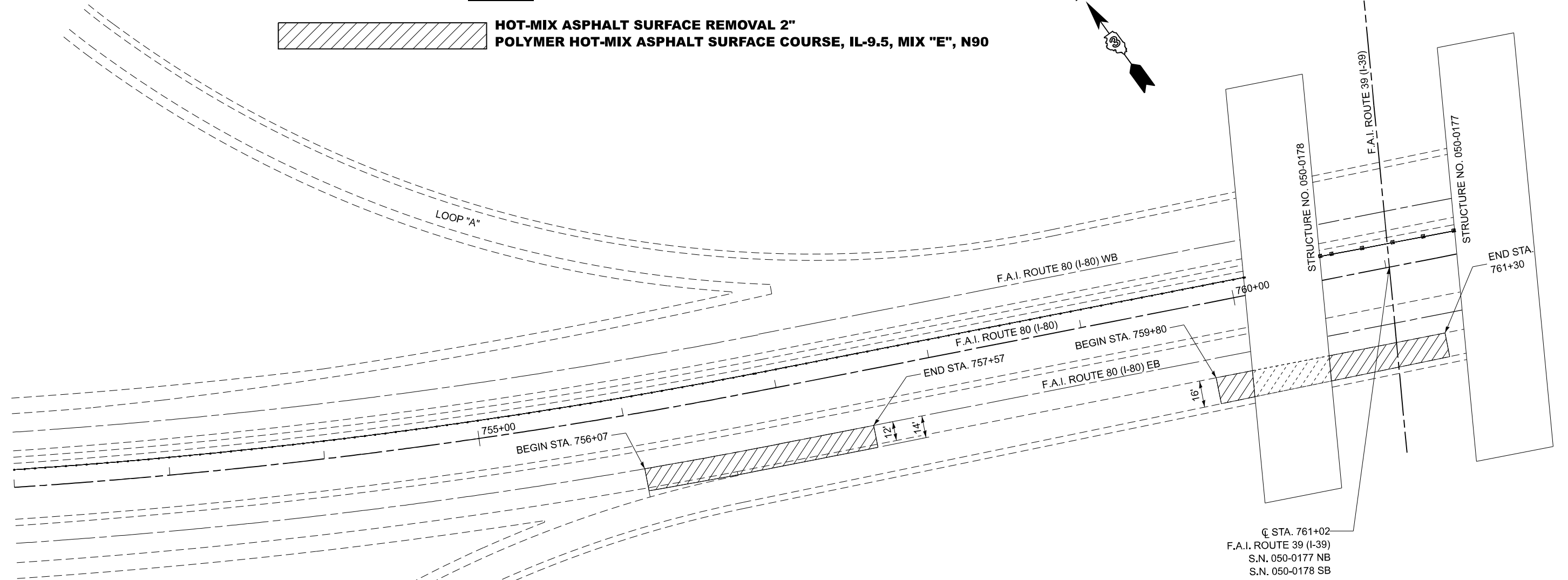
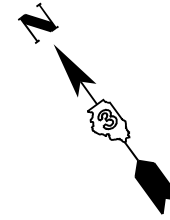
PLAN DETAILS			
STA. 735+35 TO STA. 742+35			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	7
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				

LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL 2"
POLYMER HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90



NOTES:

1. PRIOR TO BEGINNING MILLING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING RAISED REFLECTIVE PAVEMENT MARKERS. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS ADJACENT TO MILLING LOCATIONS SHALL REMAIN IN PLACE. THE CONTRACTOR SHALL ADJUST HIS MILLING OPERATIONS TO AVOID DISLODGING THE PAVEMENT MARKERS.
2. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS FOUND TO BE WITHIN MILLING LOCATIONS SHALL BE REMOVED AND DISPOSED OF AS DIRECTED BY THE ENGINEER. COST OF REMOVING THE MARKERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL. REMOVED RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE REPLACED.
3. THE CONTRACTOR IS HEREBY NOTIFIED OF THE PRESENCE OF EXISTING PORTLAND CEMENT CONCRETE PATCHES WITHIN THE HOT-MIX ASPHALT SURFACE REMOVAL AREAS. THE CONCRETE PATCHES SHALL BE MILLED FOR RESURFACING ACCORDING TO ARTICLE 440.04 OF THE STANDARD SPECIFICATIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MILLING CONCRETE PATCHES.



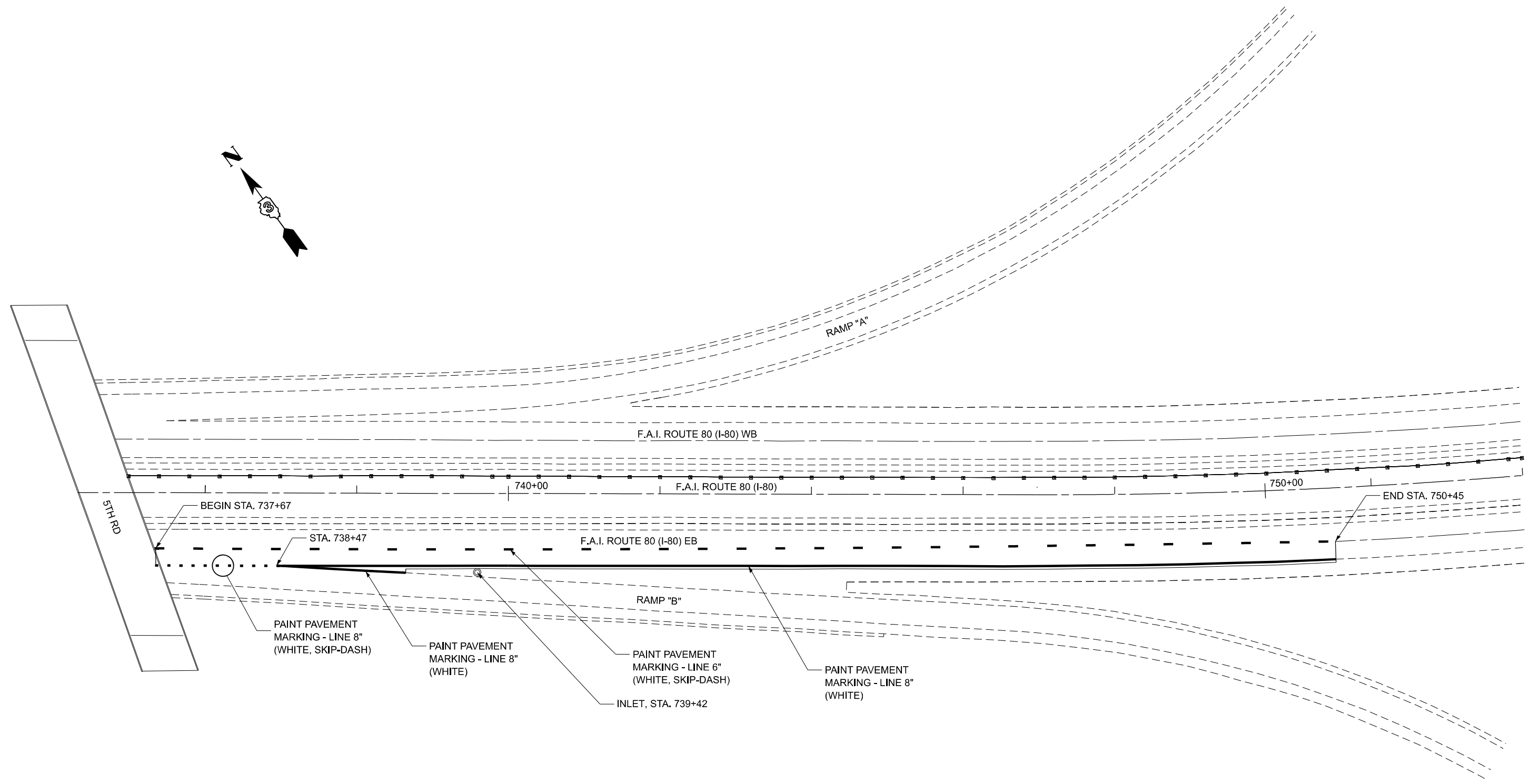
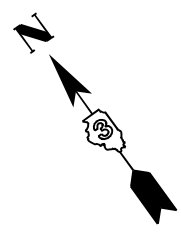
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS	
STA. 756+07 TO STA. 757+57 AND STA. 759+80 TO STA. 761+30	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	8
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				



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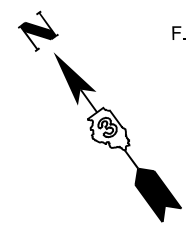
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

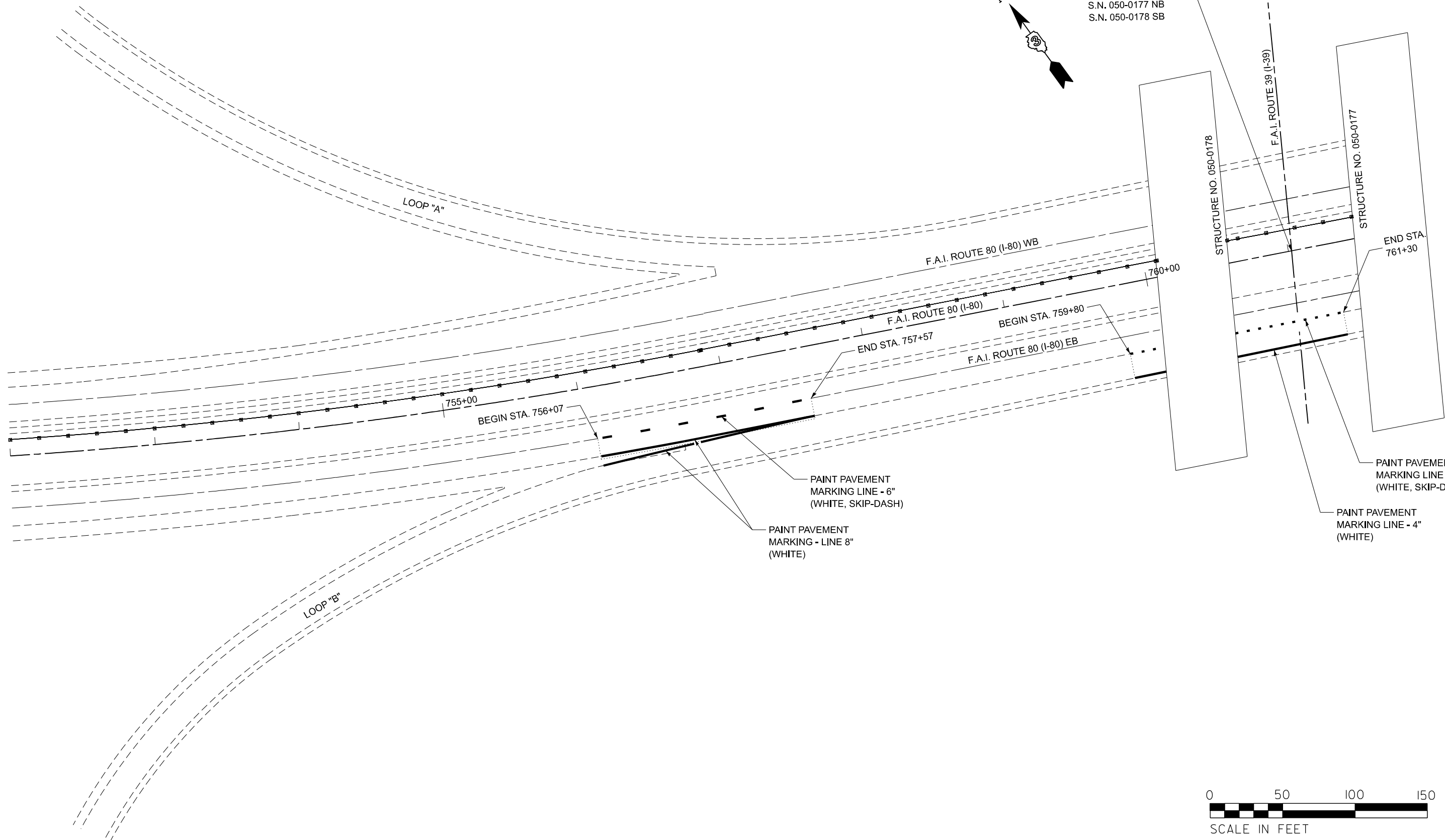
**PAVEMENT MARKING DETAILS
 STA. 735+35 TO STA. 742+35**

SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	9
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				



C STA. 761+02
 F.A.I. ROUTE 39 (I-39)
 S.N. 050-0177 NB
 S.N. 050-0178 SB



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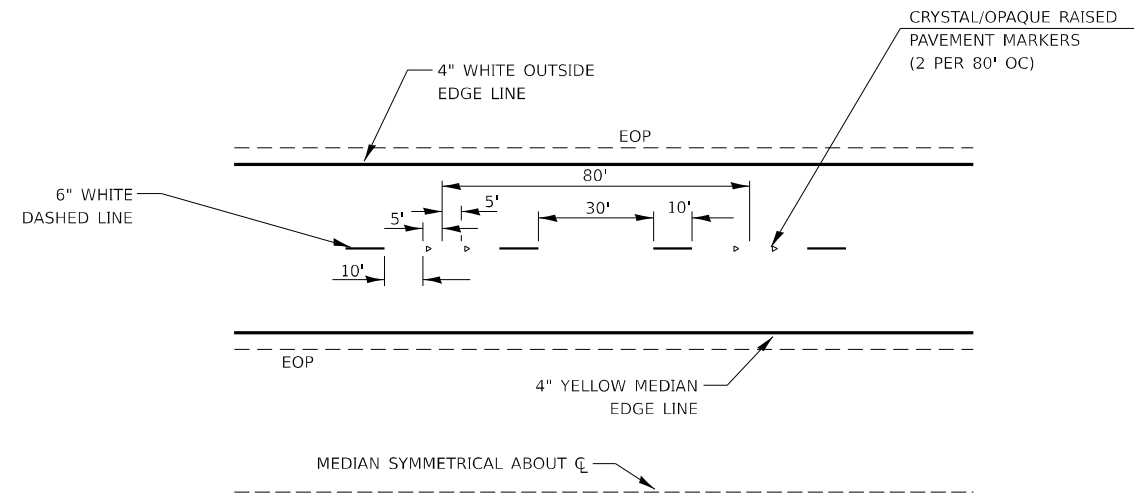
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

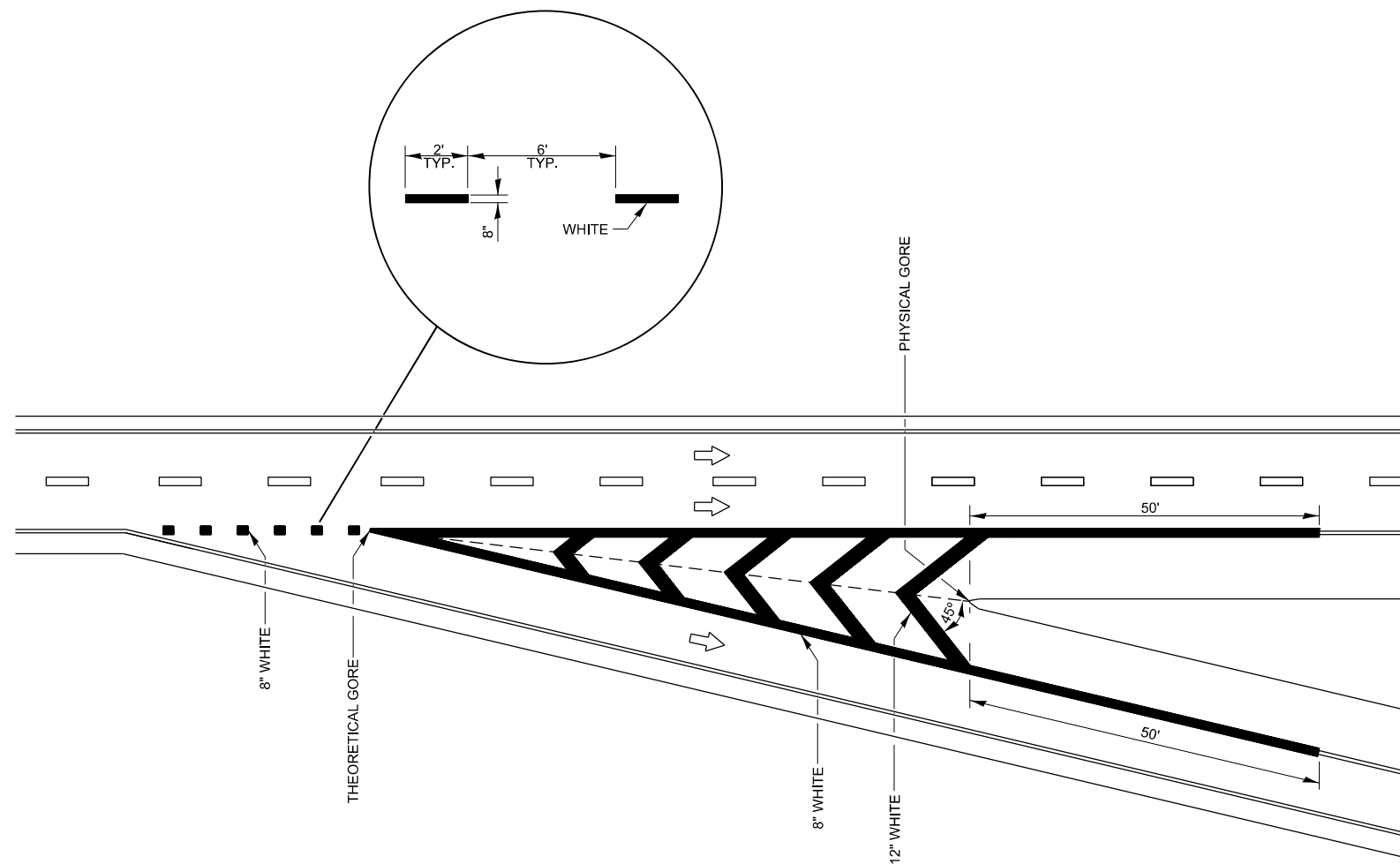
PAVEMENT MARKING DETAILS
STA. 756+07 TO STA. 757+57 AND STA. 759+80 TO STA. 761+30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	10
CONTRACT NO. 66P80				
ILLINOIS FED. AID PROJECT				

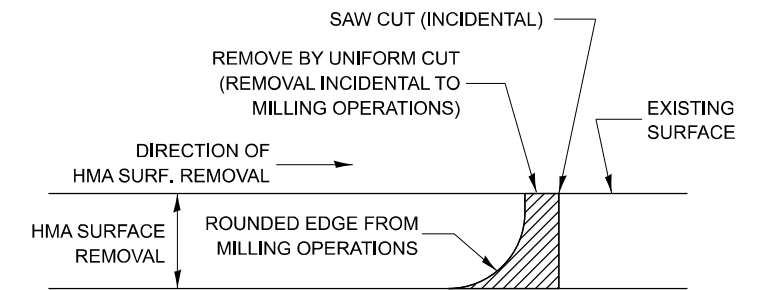
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.



TYPICAL PAVEMENT MARKINGS



EXIT RAMP GORE DETAIL



NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
 THEN A SAW CUT SHALL BE USED TO MANUFACTURE
 A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
 THE ENGINEER SHALL BE THE SOLE JUDGE
 CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

- STA. 735+35 I-80 EB DRIVE LANE
- STA. 742+35 I-80 EB DRIVE LANE
- STA. 756+07 I-80 EB DRIVE LANE
- STA. 757+57 I-80 EB DRIVE LANE
- STA. 759+80 I-80 EB MERGE LANE
- STA. 761+30 I-80 EB MERGE LANE

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D3 I-80 INTERMITTENT RS 2024	LASALLE	11	11
CONTRACT NO. 66P80			ILLINOIS FED. AID PROJECT	