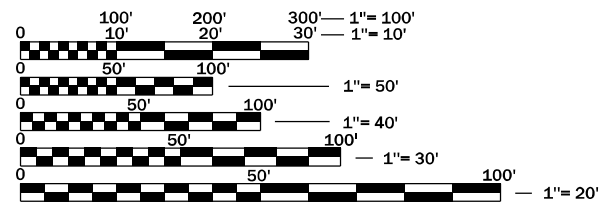


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- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-7 SUMMARY OF QUANTITIES
- 8-9 TYPICAL SECTIONS
- 10-16 SCHEDULES
- 17 PROJECT LAYOUT
- 18-26 DETAILS

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

- BLR 23-4 TRAFFIC BARRIER TERMINAL TYPE 1
- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631032-09 TRAFFIC BARRIER TERMINAL, TYPE 6A
- 635001-02 DELINEATORS
- 642006-01 SHOULDER RUMBLE STRIPS, 8 INCH
- 667101-02 PERMANENT SURVEY MARKERS
- 668001-01 U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS



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: BRAD DUNCAN, PE**  
**UNIT CHIEF: DARCY CARPENTER**  
**DISTRICT 3 NO. (815) 434-6131**  
**CONTRACT NO. 66L73**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PROPOSED**  
**HIGHWAY PLANS**  
FAP ROUTE 330/332 (IL 17/IL 1)  
SECTION (1R, 1R-1)RS-3  
PROJECT NHPP- IWJ3(550)  
SMART OVERLAY  
KANKAKEE COUNTY

C-93-069-21

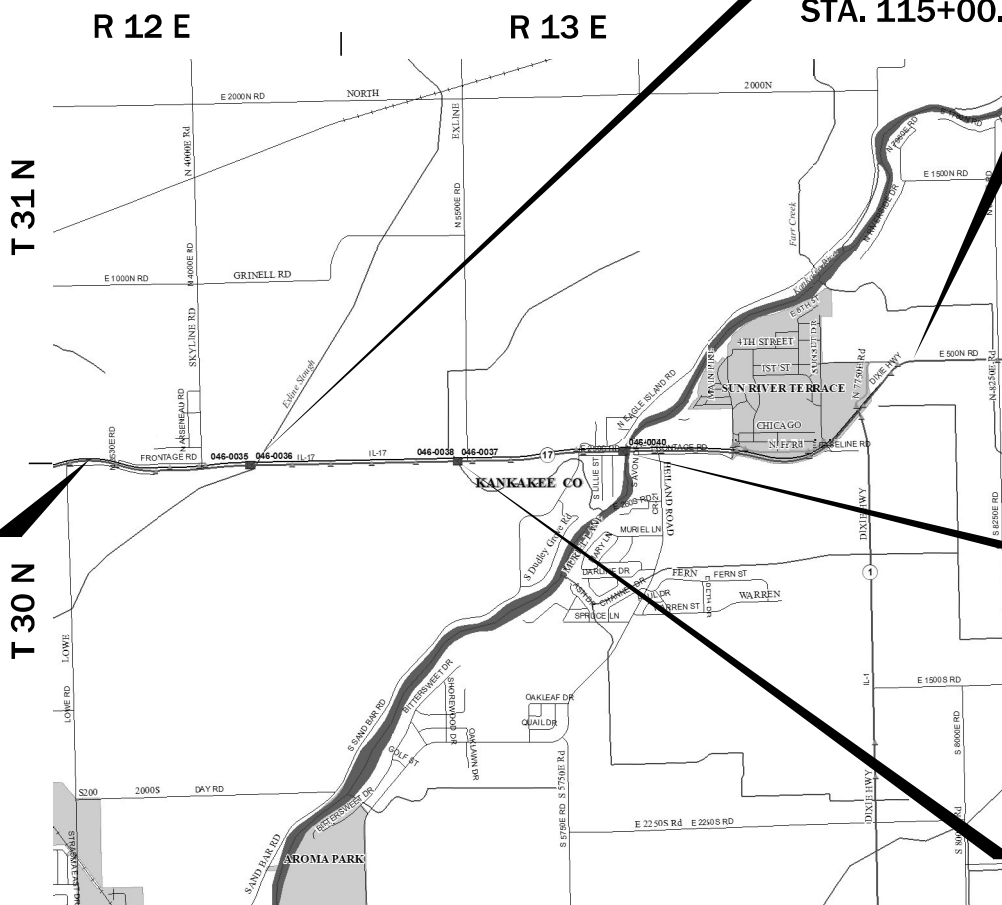
OMISSION SN 046-0035 (EB)  
STA. 113+97.89 TO STA. 115+14.89  
& SN 046-0036 (WB)  
STA. 115+00.93 TO STA. 116+17.93

END PROJECT  
STA. 481+38.38  
0.5 MI EAST OF IL 1  
IN SUN RIVER TERRACE

OMISSION  
SN 046-0039 (EB)  
STA. 226+30.44 TO  
STA. 229.71.96  
AND 046-0040 (WB)  
STA. 226+49.94 TO  
STA. 229+91.46

OMISSION  
APPROACHES ONLY  
SN 046-0037 (EB)  
SN 046-0038 (WB)

BEGIN PROJECT  
STA. 65+50  
0.1 MI EAST OF  
LOWE RD IN  
KANKAKEE



GROSS LENGTH = 26,051.48 FT. = 4.93 MILES  
NET LENGTH = 25,520.98 FT. = 4.83 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/332	(1R,1R-1)RS-3	KANKAKEE	26	1
		ILLINOIS	CONTRACT NO. 66L73	

D-93-035-21



**OTHER PRINCIPAL ARTERIAL**  
**2019 ADT= 12500**  
**PV=74.75% SU=12.75% MU=12.5%**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 04, 2022  
*Tom Alwood*  
REGIONAL ENGINEER

March 25, 2022  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 25, 2022  
*Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

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

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

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

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA SHOULDER	HMA INCIDENTAL
BINDER GRADE (PG):	SBS PG 70-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE D	MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCQA	QCQA
SUBLOT SIZE:	1000 TONS	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES/NUCLEAR	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED)	YES	NO	NO

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

DATE: \_\_\_\_\_

START & END DATES  
OF CONSTRUCTION:

\_\_\_\_\_

INSPECTORS:

\_\_\_\_\_

\_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/334	(1R,1R-1)RS-3	KANKAKEE	26	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L73	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80%FED/20%STATE NHPP FAP 330	80%FED/20%STATE NHPP FAP 332
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
20400800	FURNISHED EXCAVATION	CU YD	42	41	1
21400100	GRADING AND SHAPING DITCHES	FOOT	2590	2385	205
25000210	SEEDING, CLASS 2A	ACRE	0.57	0.53	0.04
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	54	50.3	3.4
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	54	50.3	3.4
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	54	50.3	3.4
25100630	EROSION CONTROL BLANKET	SQ YD	2888	2703	185
28100105	STONE RIPRAP, CLASS A3	SQ YD	12	12	
28100107	STONE RIPRAP, CLASS A4	SQ YD	14	14	
28200200	FILTER FABRIC	SQ YD	26	26	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	101149	94192	6956
40600370	LONGITUDINAL JOINT SEALANT	FOOT	149922	136053	13869
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	64	59	5
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	339	339	

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PLOT SCALE = 100,0000' / in.	DATE - 1/19/2022	REVISED - _____
PLOT DATE = 2/4/2022		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 1 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/332	(1R,1R-1)R5-3	KANKAKEE	26	3
CONTRACT NO. 66L73			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80%FED/20%STATE NHPP FAP 330	80%FED/20%STATE NHPP FAP 332
				ROADWAY	ROADWAY
				0005 RURAL	0005 RURAL
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	11077	10129	948
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	603	575	29
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	224627	209169	15458
44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	575	479	96
44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	36	36	
44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	27	27	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	6871	6549	322
60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	304	304	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1600	1600	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	7	7	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7	
63200310	GUARDRAIL REMOVAL	FOOT	1712.5	1712.5	
63500105	DELINEATORS	EACH	42	38	4
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	99089	89843	9246

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 2 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/332	(1R,1R-1)RS-3	KANKAKEE	26	4
			CONTRACT NO. 66L73	
ILLINOIS			FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80%FED/20%STATE NHPP FAP 330	80%FED/20%STATE NHPP FAP 332
				ROADWAY	ROADWAY
				0005 RURAL	0005 RURAL
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	6	5	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300	300	
* 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	2	2	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	3.5	0.5
67100100	MOBILIZATION	L SUM	1	0.8	0.2
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	24560	22944	1616
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	8187	7648	539
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	312	140.6	171.6
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1858	1339	519

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 3 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/332	(1R,1R-1)RS-3	KANKAKEE	26	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L73	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80%FED / 20%STATE NHPP FAP 330	80%FED / 20%STATE NHPP FAP 332
				ROADWAY	ROADWAY
				0005	0005
				RURAL	RURAL
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	216	115	101
* 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	FOOT	13380	12220	1160
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	198	96	102
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	211240	193048	18192
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	312	141	172
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	211240	193048	18192
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	15238	13559	1679
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	101		101
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	198	96	102
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1290	1188	102
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	31	31	
* 78200020	CURB REFLECTORS	EACH	170	106	64
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	170	106	64
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1491	1491	

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 4 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/332	(1R,1R-1)RS-3	KANKAKEE	26	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L73	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80%FED / 20%STATE NHPP FAP 330	80%FED / 20%STATE NHPP FAP 332
				ROADWAY 0005 RURAL	ROADWAY 0005 RURAL
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	0.5	0.5
X0326341	REATTACH END SECTION	EACH	5	5	
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	21	21	
X1400439	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1	0.5	0.5
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5422	5083	339
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	148	148	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	63	21	42
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	0.5	0.5
Z0034105	MATERIAL TRANSFER DEVICE	TON	11077	10129	948

\*= SPECIALTY ITEM

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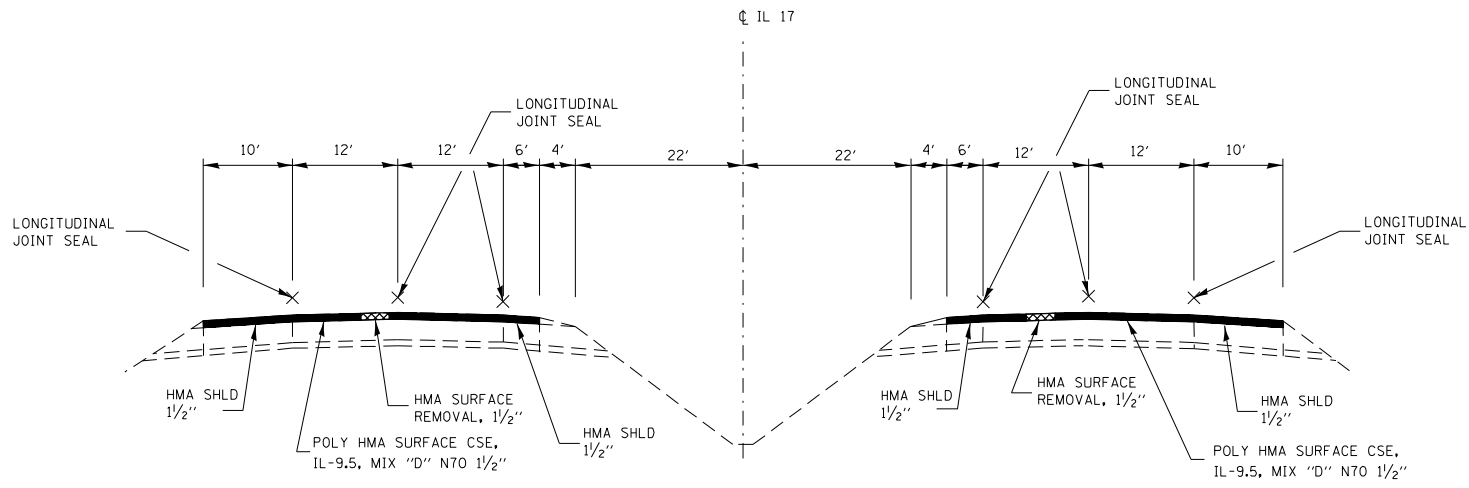
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 4 OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

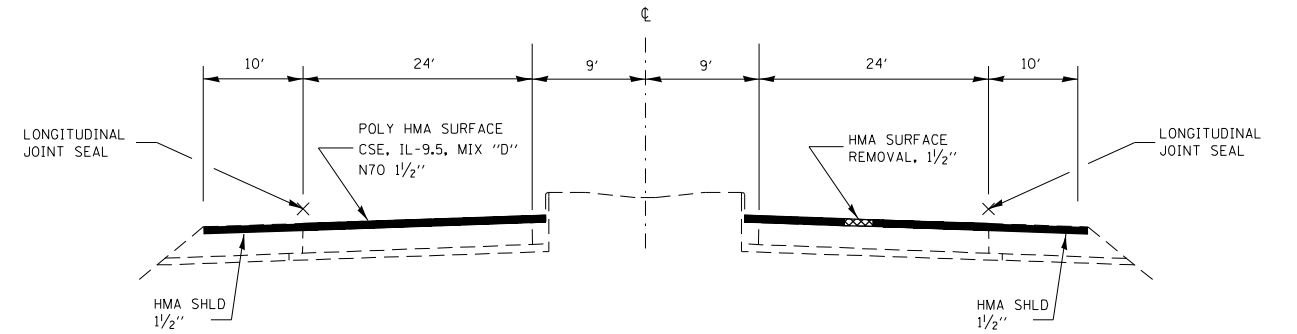
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330/332	(1R,1R-1)RS-3	KANKAKEE	26	7
CONTRACT NO. 66L73			ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL SECTION 1

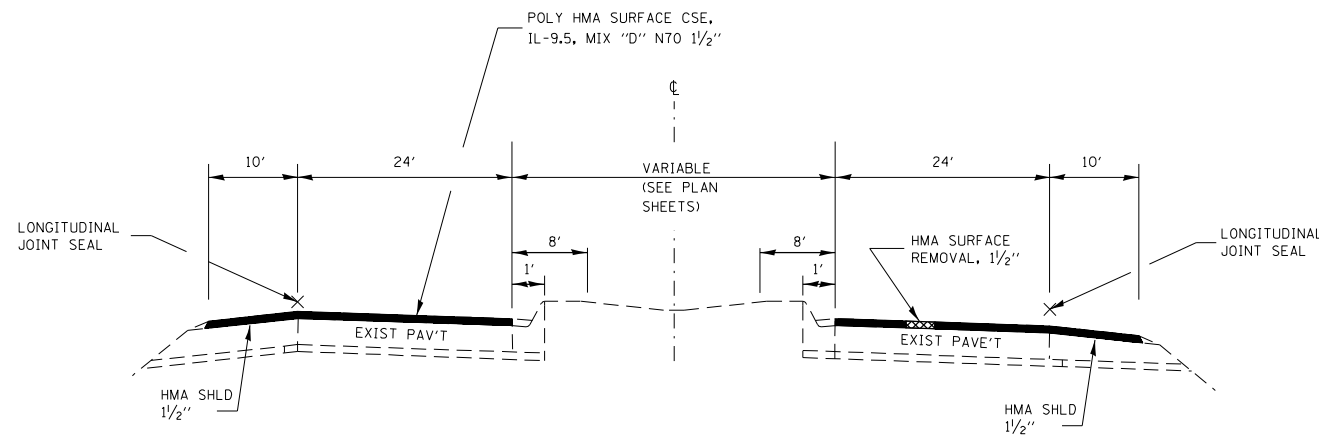
STA. 65+50 TO STA. 231+80  
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 OMISSION STA. 115+01 TO STA. 116+18 (SN 046-0036) WB  
 OMISSION STA. 175+62 TO STA. 176+62 (SN 046-0038)WB  
 OMISSION STA. 176+16 TO STA. 177+16 (SN 046-0037)EB  
 OMISSION STA. 226+31 TO STA. 229+72 (SN 046-0039) EB  
 OMISSION STA. 226+50 TO STA. 229+91 (SN 046-0040) WB  
 STA. E.O. 231+80 BK = 231+90 AH  
 STA. 231+90 TO STA. 288+17

• DEPTH OF MILLING AT THESE STRUCTURES WILL BE 1/4",  
 AND WILL BE RESURFACED WITH 1/4" HMA SURFACE COURSE  
 FROM STA. 175+98 TO STA. 176+26 (SN 046-0038) WB,  
 AND STA. 176+52 TO STA. 176+80 (SN 046-0037) EB.



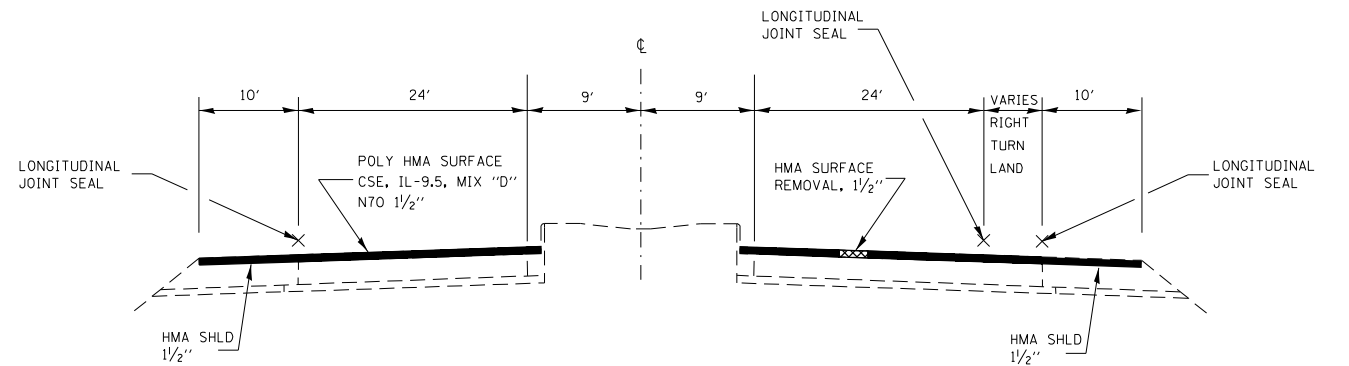
PROPOSED TYPICAL SECTION 3

STA. 288+90 TO STA. 296+92



PROPOSED TYPICAL SECTION 2

STA. 288+17 TO STA. 288+90



PROPOSED TYPICAL SECTION 4

STA. 296+92 TO STA. 297+92

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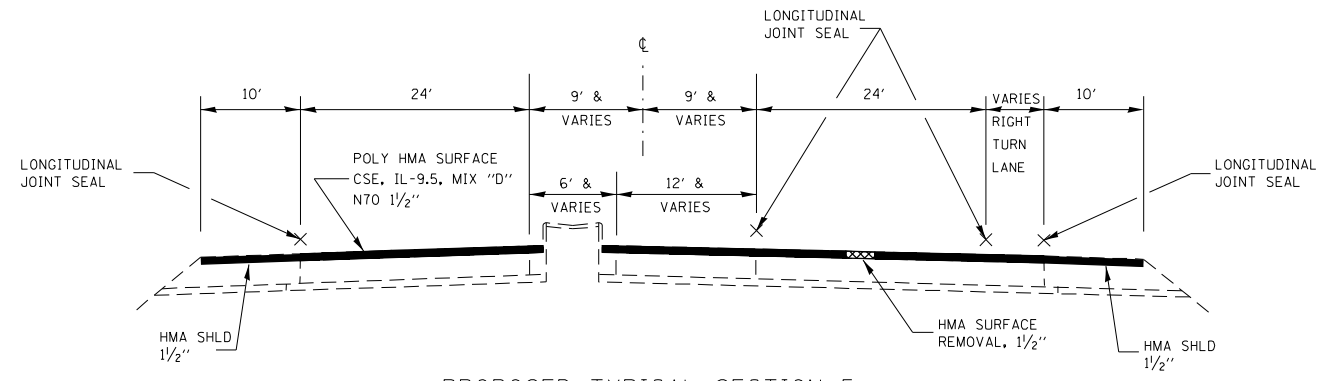
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

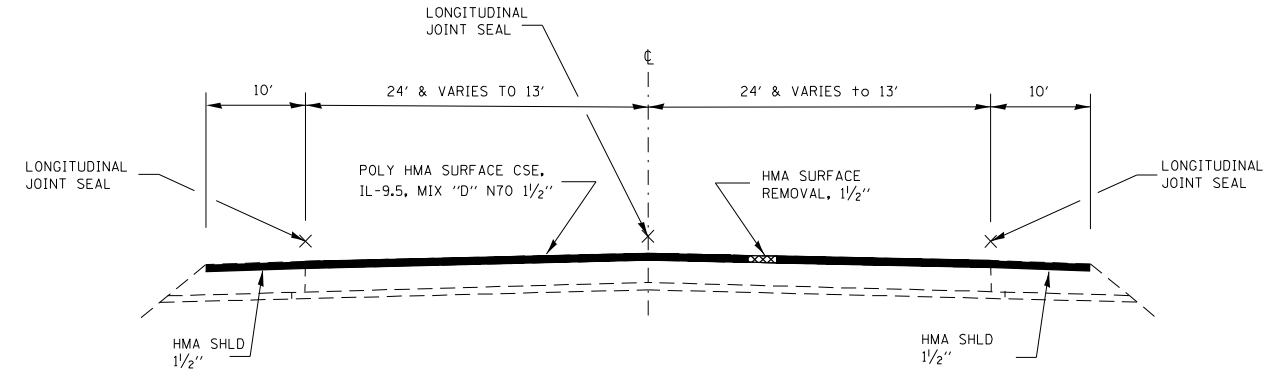
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F.A.P. RTE. 330/334	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 8
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				

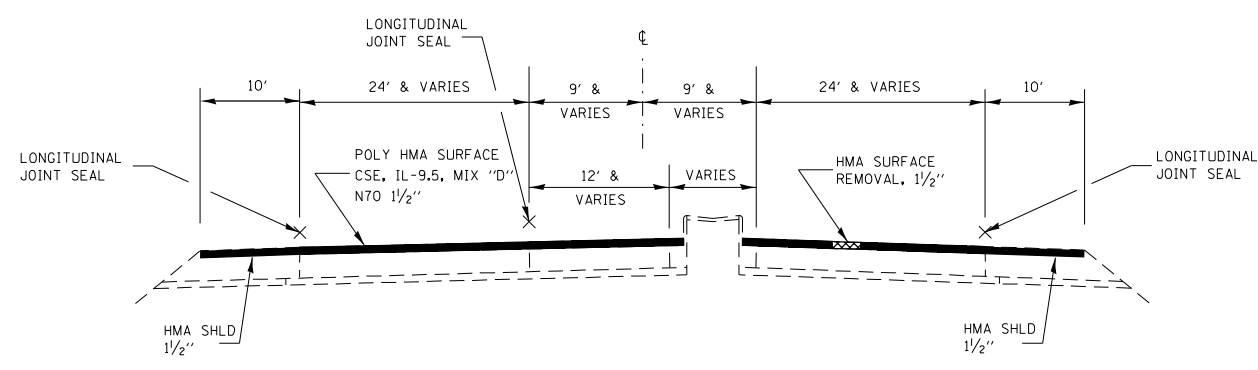




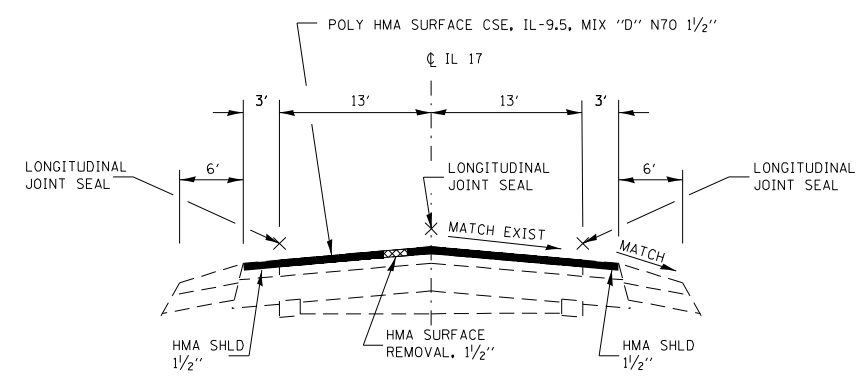
**PROPOSED TYPICAL SECTION 5**  
STA. 297+92 TO STA. 303+00



**PROPOSED TYPICAL SECTION 7**  
STA. 313+97 TO STA. 317+75  
STA. EQ. 317+75 BK = STA. 473+01.9 AH



**PROPOSED TYPICAL SECTION 6**  
STA. 303+00 TO STA. 313+97



**PROPOSED TYPICAL SECTION 8**  
STA. 473+01.9 TO STA. 481+38.38

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PLOT DATE = 2/4/2022	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____ TO STA. _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/334	(1R,1R-1)RS-3	KANKAKEE	26	9
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				

**MAINLINE SCHEDULE**

STA. TO STA.	LENGTH	LANE WIDTH	SHLDR WIDTH	HMA SHOULDER	HMA POLY SURF CSE IL-9.5 MIX "D" N70 (1 1/2")	HMA SURF REM (1 1/2")	HMA POLY SURF CSE IL-9.5 MIX "D" N70 (1 1/4")	HMA SURF REM (DECK) (1 1/4")	MIX FOR JTS, CRACKS & FLGWYS	LONG JOINT SEALANT	RUMBLE STRIPS	BIT MAT'L (TACK COAT)	
	FT	FT	FT	TONS	TONS	SQ YD	TONS	SQ YD	TONS	FOOT	FOOT	POUND	
<b>IL 17 EB (FAP 330)</b>													
65+50	111+80	4630	24	16	691.4	1037.1	20578		6.2	13890	9260	9260	
SN 046-0035 STA 111+80 TO 120+00													
120+00.00	176+25.64	5626	24	16	840.1	1260.1	25003		7.5	16877	11251	11251	
176+25.64	176+61.64	36	24	16									
SN 046-0037 STA 176+61.64 TO 176+89.30													
176+89.30	177+25.30	36	24	16			5.2	73.8		28.0		33	
176+89.30	226+30.44	4941	24	16	737.9	1106.8	21961		6.6	14823	9882	9882	
SN 046-0039 STA 226+30.44 TO 229+71.96													
229+71.96	231+80.00	208	24	16	31.1	46.6	925		0.3	624	416	416	
STATION EQUATION 231+80BK = 231+90AH													
231+90.00	288+17.00	5627	24	16	840.3	1260.4	25009		7.5	16881	11254	11254	
288+17.00	288+90.00	73	24	10	6.8	16.4	276		0.1	219	146	124	
288+90.00	296+92.00	802	24	10	74.9	179.6	3030		0.9	2406	1604	1363	
296+92.00	297+92.00	100	30	10	9.3	28.0	444		0.1	300	200	200	
297+92.00	303+00.00	508	36	10	47.4	170.7	2596		0.8	2280	1016	1168	
<b>SUBTOTAL</b>					<b>3279.2</b>	<b>5105.8</b>	<b>99821.2</b>	<b>5.2</b>	<b>73.8</b>	<b>29.9</b>	<b>68328.5</b>	<b>45029.6</b>	<b>44952.7</b>
<b>IL 17 EB (FAP 332)</b>													
303+00.00	313+97.00	1097	24	10	102.4	245.7	4144		1.2	3291	2194	1865	
313+97.00	317+75.00	378	18.5	10	35.3	65.3	1197		0.4	1134	756	539	
STATION EQUATION 317+75BK = 473+01.9AH													
473+01.90	481+38.38	836	13	3	23.4	101.5	1487		0.4	2509	1673	669	
<b>SUBTOTAL</b>					<b>161.1</b>	<b>412.5</b>	<b>6828.3</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>6934.4</b>	<b>4623.0</b>	<b>3072.7</b>
<b>IL 17 WB (FAP 332)</b>													
481+38.38	473+01.90	836	13	3	23.4	101.5	1487		0.4	2509	1673	669	
STATION EQUATION 317+75BK = 473+01.9AH													
317+75.00	313+97.00	378	18.5	10	35.3	65.3	1197		0.4	1134	756	539	
313+97.00	303+00.00	1097	36	10	102.4	368.6	5607		1.7	3291	2194	2523	
<b>SUBTOTAL</b>					<b>161.1</b>	<b>535.4</b>	<b>8291.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>6934.4</b>	<b>4623.0</b>	<b>3730.9</b>
<b>IL 17 WB (FAP 330)</b>													
303+00.00	297+92.00	508	24	10	47.4	113.8	1919		0.6	2084	1016	864	
297+92.00	296+92.00	100	24	10	9.3	22.4	378		0.1	300	200	170	
296+92.00	288+90.00	802	24	10	74.9	179.6	3030		0.9	2406	1604	1363	
288+90.00	288+17.00	73	24	10	6.8	16.4	276		0.1	219	146	124	
288+17.00	231+90.00	5627	24	16	840.3	1260.4	25009		7.5	16881	11254	11254	
STATION EQUATION 231+80BK = 231+90AH													
231+80.00	229+91.46	189	24	16	28.2	42.2	838		0.3	566	377	377	
SN 046-0040 STA 229+91.46 TO 226+49.94													
226+49.94	176+61.36	4989	24	16	745.0	1117.4	22171		6.7	14966	9977	9977	
176+61.36	176+25.36	36	24	16	5.4								
SN 046-0038 STA 176+25.36 TO 175+97.70													
175+97.70	175+61.70	36	24	16	5.4			5.2	73.8	28.0	55	33	
175+61.70	120+00.00	5562	24	16	830.5	1245.8	24719		7.4	16685	11123	11123	
SN 046-0036 STA 120+00 TO 111+80													
111+80.00	66+50.00	4530	24	16	676.5	1014.7	20133		6.0	13590	9060	9060	
<b>SUBTOTAL</b>					<b>3269.6</b>	<b>5012.9</b>	<b>98472.8</b>	<b>5.2</b>	<b>73.8</b>	<b>29.5</b>	<b>67724.5</b>	<b>44813.0</b>	<b>44345.9</b>
<b>TOTAL</b>					<b>6871</b>	<b>11067</b>	<b>213413</b>	<b>10</b>	<b>148</b>	<b>64</b>	<b>149922</b>	<b>99089</b>	<b>96102</b>

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PLOT DATE = 2/4/2022	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 330/332	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L73	



IL 17 EASTBOUND PATCHING

LOCATION	EB DRIVING LANE				EB PASSING LANE				
	PATCH LENGTH	CLASS C			PATCH LENGTH	CLASS C			
		TYPE II	TYPE III	TYPE IV		TYPE II	TYPE III	TYPE IV	
		9"	9"	9"		9"	9"	9"	
LOG MILE	(FT)	SQ YD	SQ YD	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	
FAP 332									
5.00	6	8							
4.90	6	8							
4.90				6	8				
4.80	6	9							
4.70	8	11							
<b>SUBTOTAL</b>		36			8				
FAP 330									
4.30	8	11							
4.20	6	8							
4.10	6	8							
4.10				6	8				
3.70	6	8							
3.70	6	8							
3.70	6	8							
3.30	8	11							
3.20				8	11				
3.00				6	8				
2.30	12		16						
2.10	6	8							
2.00	6	8							
1.90	6	8							
1.90				6	8				
1.90	6	8							
1.90				6	8				
1.80	6	8							
1.80	6	8							
1.40				8	11				
1.40	6	8							
1.40				6	8				
1.30	6	8							
1.20	6	8							
0.80				6	8				
0.80				6	8				
0.70	6	8							
0.70				6	8				
0.60				6	9				
0.40	8	11							
0.30	10	13							
0.20	6	8							
0.20	6	8							
0.10	6	8							
0.10	6	8							
<b>SUBTOTAL</b>		126	16		62				
<b>PAGE 1 TOTAL</b>		162	16		70				

NOTE: DEPTH BASED ON THICKNESS PRIOR TO MILLING

IL 17 EASTBOUND PATCHING

LOCATION	EB DRIVING LANE				EB PASSING LANE				
	PATCH LENGTH	CLASS C			PATCH LENGTH	CLASS C			
		TYPE II	TYPE III	TYPE IV		TYPE II	TYPE III	TYPE IV	
		9"	9"	9"		9"	9"	9"	
LOG MILE	(FT)	SQ YD	SQ YD	SQ YD	(FT)	SQ YD	SQ YD	SQ YD	
1.30					6	8			
1.20	6	8							
0.80				6	8				
0.80				6	8				
0.70	6	8							
0.70				6	8				
0.60				6	9				
0.40	8	11							
0.30	10	13							
0.20	6	8							
0.20	6	8							
0.10	6	8							
0.10	6	8							
<b>SUBTOTAL</b>		72				41			
<b>TOTAL</b>		234				111			

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PLOT DATE = 2/4/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE. 330/332	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 12
CONTRACT NO. 66L73			ILLINOIS FED. AID PROJECT	

IL 17 WESTBOUND PATCHING								
LOCATION	WB DRIVING LANE				WB PASSING LANE			
	PATCH LENGTH	CLASS C			PATCH LENGTH	CLASS C		
		TYPE II 9"	TYPE III 9"	TYPE IV 9"		TYPE II 9"	TYPE III 9"	TYPE IV 9"
LOG MILE	(FT)	SQ YD	SQ YD	SQ YD	(FT)	SQ YD	SQ YD	SQ YD
<b>FAP 332</b>								
0.00	8	11						
0.0	6	8						
0.20	6	8						
0.30					6	9		
0.30	6	8						
0.50					6	8		
<b>SUBTOTAL</b>		35				17		
<b>FAP 330</b>								
0.70	10	13						
1.10	6	8						
1.70					6	8		
1.80	6	8						
1.80					6	8		
1.90	6	8						
1.90					6	8		
2.00					6	8		
2.10					6	8		
2.20					10	13		
2.40	10	13						
2.50	6	8						
2.60	6	8						
2.80	6	8						
2.80	6	8						
2.80	15		20					
2.80	20			27				
2.90	6	8						
2.90					6	8		
3.90	8	11						
3.90					6	8		
4.40					6	8		
<b>SUBTOTAL</b>		101	20	27		77		
<b>TOTAL</b>		136	20	27		94		

NOTE: DEPTH BASED ON THICKNESS PRIOR TO MILLING

REFLECTOR SCHEDULE		
LOCATION	CURB REFLECTORS EACH	
	SN 046-0035	N
S		4
SN 046-0036	S	4
	N	4
SN 046-0037	N	2
	S	2
SN 046-0038	S	2
	N	2
SN 046-0039	N	9
	S	9
SN 046-0040	S	9
	N	9
MEDIAN W OF IL 1	N	14
	S	26
MEDIAN E OF IL 1	S	24
	N	46
<b>TOTALS</b>		170

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PLOT DATE = 2/4/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE: _____	SHEET _____	OF _____	SHEETS
STA. _____	TO STA. _____		

F.A.P. RTE. 330/332	SECTION (1R,1R-1)R5-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 13
			CONTRACT NO. 66L73	
		ILLINOIS FED. AID PROJECT		

GUARDRAIL SCHEDULE										
STRUCTURE	QUAD	EXISTING	LENGTH	SPBGR	TRAF BAR	TRAF BAR	GUARDRAIL	TERM	GUARDRAIL	LINEAR
		LENGTH	OF	TYP A	TERM TYP 1	TERM	REFLECTORS	MARK	REMOVAL	DELINEATOR
		GR	NEED	6' POST	(SPL) TANGENT	TYP 6A	TYPE A	DA	FOOT	PANELS 4"
		FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH		EACH
SN 046-0037	NW	187.5	NO WORK				3	1	NONE	2
	SW	200'	212.5	162.5	1	1	3	1	200'	2
SN 046-0038	SE	212.5	187.5	137.5	1	1	3	1	212.5	2
	NE	200	212.5	162.5	1	1	3	1	200	
SN 046-0039	NW	312.5	262.5	212.5	1	1	4	1	312.5	3
	SW	150	262.5	212.5	1	1	4	1	150	3
SN 046-0040	NE	550	550	500	1	1	7	1	550	6
	SE	287.5	262.5	212.5	1	1	4	1	287.5	3
TOTALS				1600.0	7	7	31	8	1712.5	21

ILL RTE. 17 LOCATION: 0.1 MI E OF LOWE RD E OF KANKAKEE TO 0.5 MI E OF IL 1 IN SUN RIVER TERRACE KANKAKEE COUNTY COUNTY

GPS NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
A017081	NW CORNER SECTION 1, T30N, R13W, 2ND PM	STA 112+40 WEST BOUND LANE	BRASS DISK	TYPE 1	NO	1
017083	SE CORNER SECTION 36, T31N, R12E, 3RD PM	STA 153+03 WEST BOUND LANE	BURIED DISK	TYPE 1	YES	1
017084	NE CORNER SECTION 1, T30N, R13W, 2ND PM	STA 164+66 WEST BOUND LANE	BURIED DISK	TYPE 1	YES	1
017088	SE CORNER SECTION 32, T31N, R13E, 3RD PM	STA 260+00 EAST BOUND LAND	BURIED DISK	TYPE 1	YES	1
PI3034500	PI STA 303+45.00 SBI RTE 17 = STA 400+00.00 SBI RTE 1	STA 303+45.00	BURIED DISK	TYPE 1	NO	1
PT314660	PT STA 31+46.60 BACK = STA 30+96.15 AHEAD SBI 1 SECTION (6,7,K,D)W-RS)	STA 311+00 +/-	POSSIBLE BURIED DISK	MAG SPIKE	NO	2
017090	E QTR CORNER SECTION 33, T31N, R13E, 3RD PM	STA 325+00 +/-	MAG NAIL	TYPE 1	YES	1
PC229740	PC STA 22+97.40 SBI 1 SECTION (6,7,K,D)W-RS)	STA 326+25 +/-	POSSIBLE BURIED DISK	MAG SPIKE	NO	2

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

R.E. WILL INFORM PLATS AND PLANS WHEN CONSTRUCTION STARTS, FOR THE PURPOSE OF RECOVERING MONUMENTS LABELED "BURIED".

UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE THE TYPE 1 PSM CORING LOCATION(S).

NOTE: FOR BIDDING PURPOSES NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED.

PLATS AND PLANS WILL PREPARE THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

- 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
- 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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PLOT DATE = 2/4/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: _____		SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____
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F.A.P. RTE. 330/334	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 14
CONTRACT NO. 66L73			ILLINOIS FED. AID PROJECT	

**DRAINAGE SCHEDULE**

LOCATION	SIDE	LENGTH	WIDTH	DEPTH	GRADING AND SHAPING DITCHES	STONE RIPRAP, CL A3	STONE RIPRAP, CL A4	FILTER FABRIC	PIPE CULVERTS TO BE CLEANED 24"	REATTACH END SECTION	SEEDING CL 2A	NITRO FERT NUT	PHOSP FERT NUT	POT FERT NUT	EROSION CONTROL BLANKET		
STA. TO STA.	LT/RT	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	FOOT	EACH	ACRE	LB	LB	LB	SQ YD		
<b>FAP 330</b>																	
73+50.00	74+00.00	RT	50.0	6	0.5	50.0					0.007	0.620	0.620	0.620	33.33		
82+20.00	84+00.00	RT	180.0	6	0.5	180.0					0.025	2.231	2.231	2.231	120.00		
84+00.00	85+00.00	LT	100.0	6	0.5	100.0					0.014	1.240	1.240	1.240	66.67		
100+20.00	103+50.00	LT	330.0	6	0.5	330.0					0.045	4.091	4.091	4.091	220.00		
123+50.00	125+50.00	RT	200.0	6	0.5	200.0					0.028	2.479	2.479	2.479	133.33		
125+50.00	127+00.00	RT	150.0	6	0.5	150.0					0.021	1.860	1.850	1.860	100.00		
133+50.00	136+00.00	RT	250.0	6	0.5	250.0					0.034	3.099	3.099	3.099	166.67		
138+00.00	139+00.00	RT	100.0	6	0.5	100.0					0.014	1.240	1.240	1.240	66.67		
149+00.00	151+00.00	RT	200.0	6	0.5	200.0					0.028	2.479	2.479	2.479	133.33		
180+50.00	181+00.00	RT	50.0	6	0.5	50.0					0.007	0.620	0.620	0.620	33.33		
193+30.00	194+10.00	RT	80.0	6	0.5	80.0					0.011	0.992	0.992	0.992	53.33		
200+00.00	202+00.00	LT	200.0	6	0.5	200.0					0.028	2.479	2.479	2.479	133.33		
213+80.00	214+30.00	RT	50.0	6	0.5	50.0					0.007	0.620	0.620	0.620	33.33		
234+20.00	235+70.00	RT	150.0	6	0.5	150.0					0.021	1.860	1.850	1.860	100.00		
237+50.00	238+50.00	RT	100.0	6	0.5	100.0					0.014	1.240	1.240	1.240	66.67		
283+00.00	284+50.00	RT	150.0	6	0.5	150.0					0.021	1.860	1.850	1.860	100.00		
303+00.00	303+45.00	RT	45.0	6	0.5	45.0					0.006	0.558	0.558	0.558	30.00		
73+80.00		LT						0.0		1.0							
85+90.00		LT/RT					12.0	12.0									
101+00.00							2.0	2.0		1.0							
127+00.00						4.0		4.0	24.0								
139+00.00								0.0	48.0								
150+90.00								0.0	64.0	1.0							
164+00.00								0.0	48.0	1.0							
181+00.00								0.0	30.0								
192+50.00								0.0		1.0							
214+10.00								0.0	90.0								
283+00.00								0.0									
176+52.00		LT				4.0		4.0									
176+80.00		RT				4.0		4.0									
226+30.00		RT						0.0									
226+50.00		LT						0.0									
<b>SUBTOTALS</b>						2385.0	12.0	14.0	26.0	304.0	5.0	0.3	29.6	29.6	29.6	1590.0	
<b>FAP 332</b>																	
303+45.00	305+50.00	RT	205.0	6	0.5	205.0					0.028	2.541	2.541	2.541	136.67		
<b>SUBTOTALS</b>								0.0	0.0	0.0	0.0	0.0	0.03	2.5	2.5	2.5	136.7
<b>TOTALS</b>						2590	12	14	26	304	5	0.4	32	32	32	1727	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

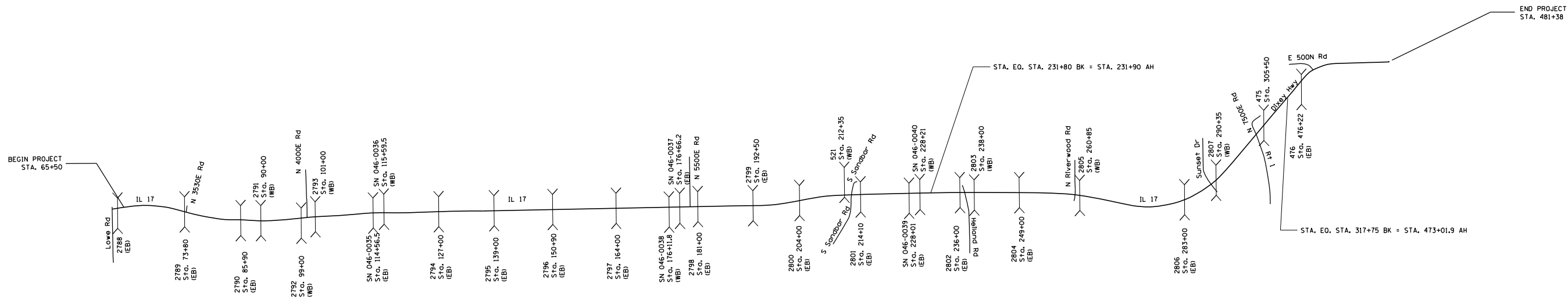
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SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 330/332	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 15
CONTRACT NO. 66L73			ILLINOIS FED. AID PROJECT	





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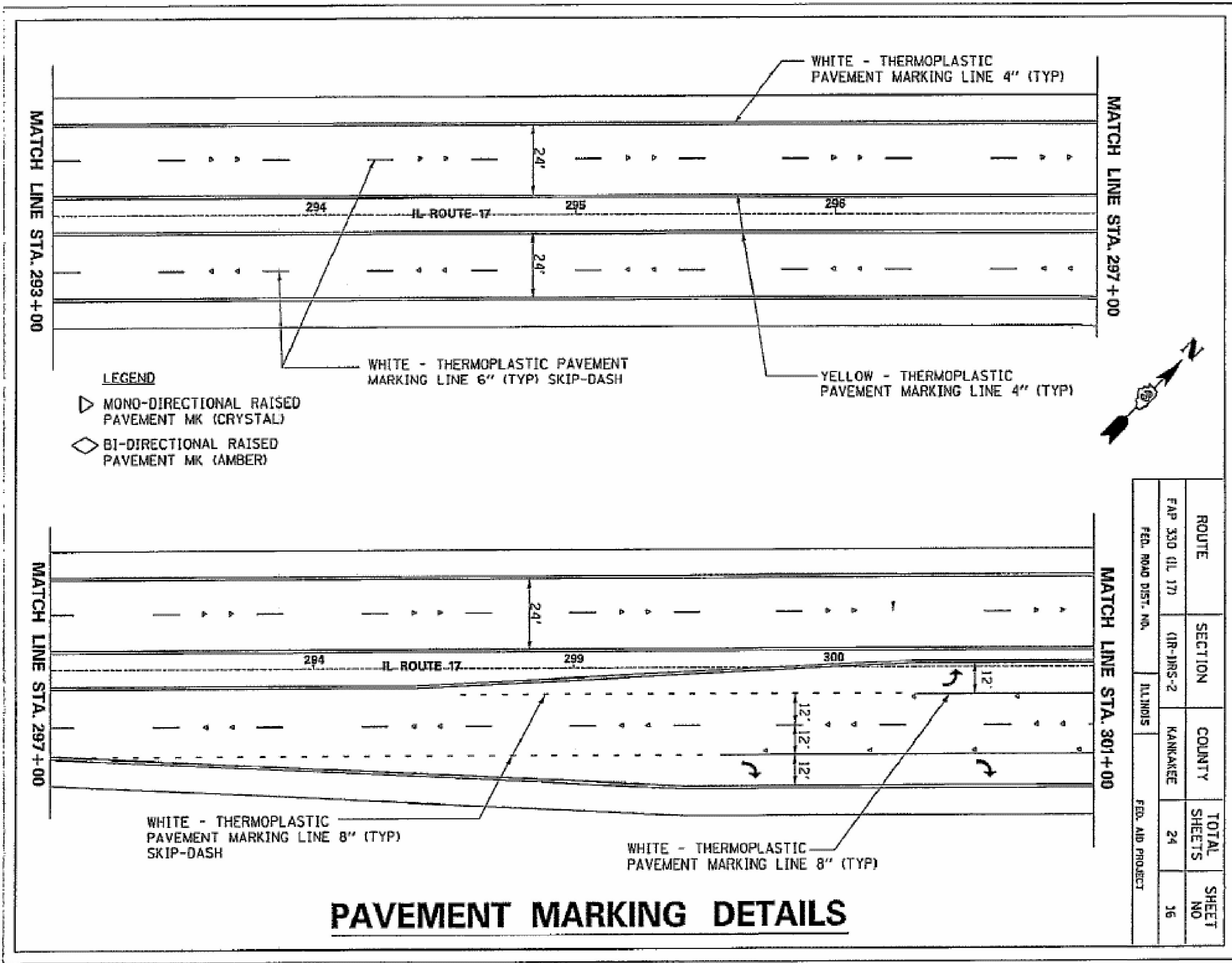
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PLOT DATE = 2/4/2022	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROJECT LAYOUT**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
=	(1R,1R-1)RS-3	KANKAKEE	26	17
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				



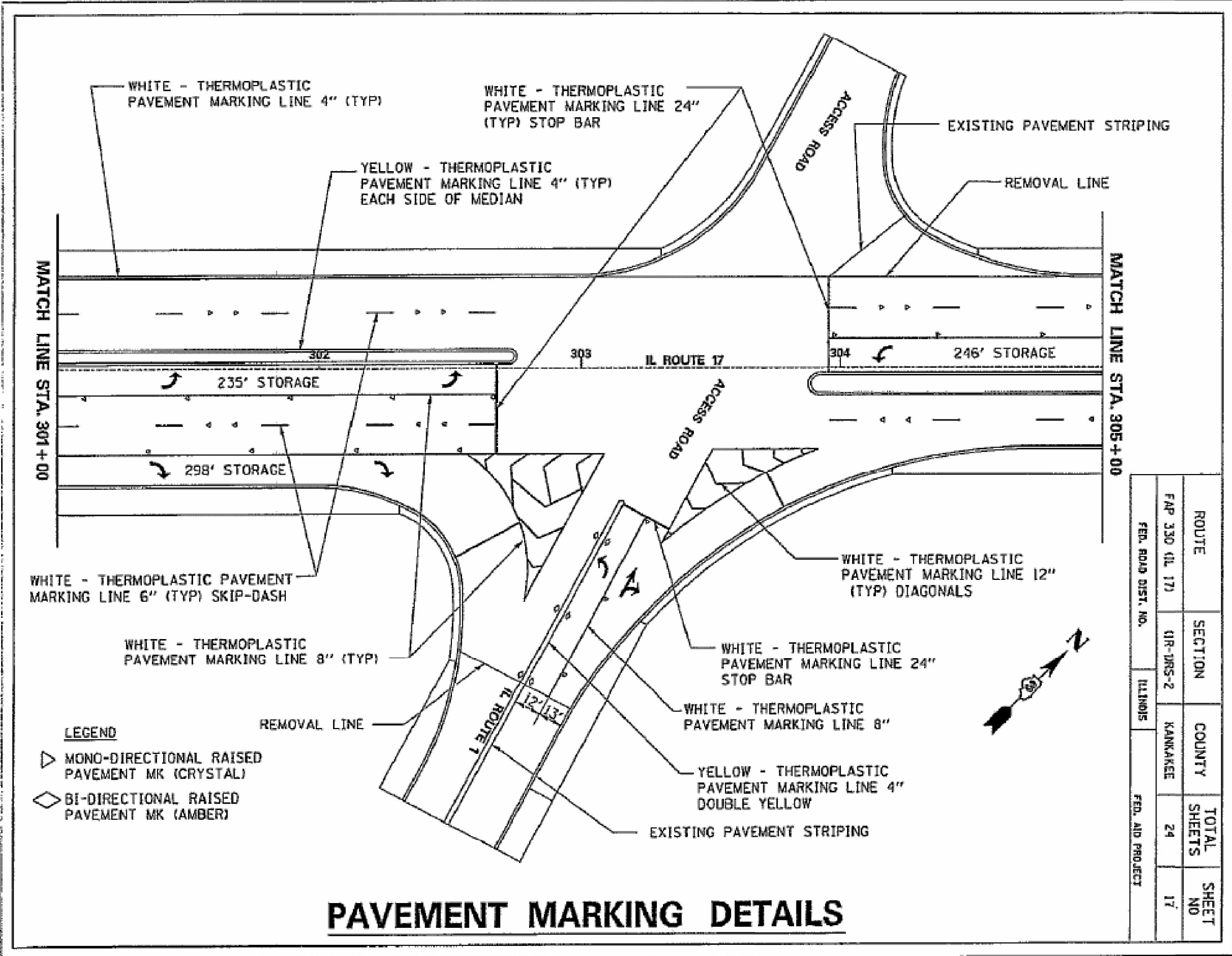
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PLOT DATE = 2/4/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS FOR INFORMATION ONLY</b>			
SCALE: _____	SHEET _____ OF 4 SHEETS	STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1R,1R-1)RS-3	KANKAKEE	26	18
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 66L73				



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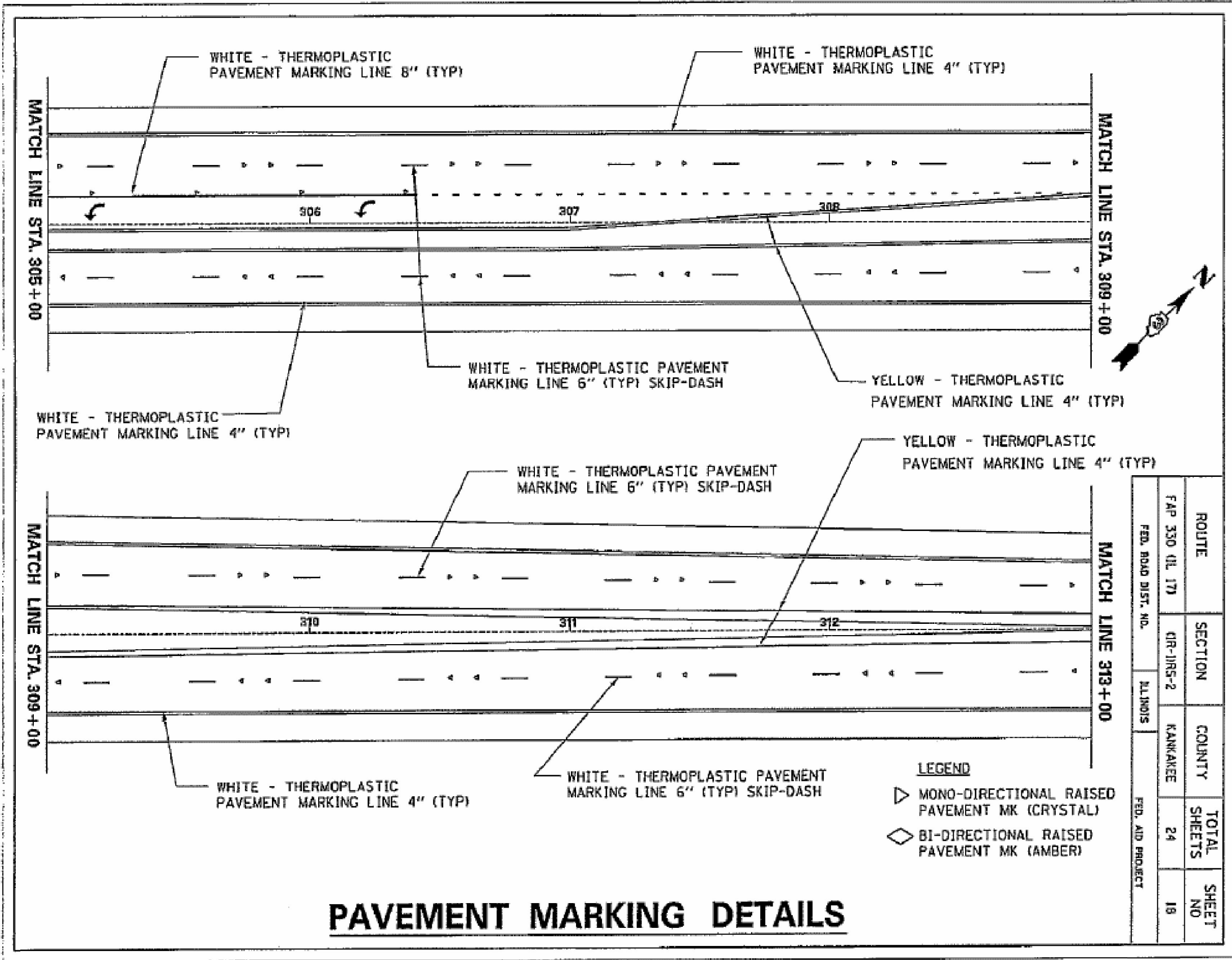
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	DATE - _____	REVISED - _____

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING DETAILS FOR INFORMATION ONLY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1R,1R-1)RS-3	KANKAKEE	26	19
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				



# PAVEMENT MARKING DETAILS

ROUTE	FAP 330 (IL 17)	SECTION	DIR-1RS-2	COUNTY	KANKAKEE	TOTAL SHEETS	24	SHEET NO.	18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT							

- LEGEND**
- ▷ MONO-DIRECTIONAL RAISED PAVEMENT MK (CRYSTAL)
  - ◊ BI-DIRECTIONAL RAISED PAVEMENT MK (AMBER)

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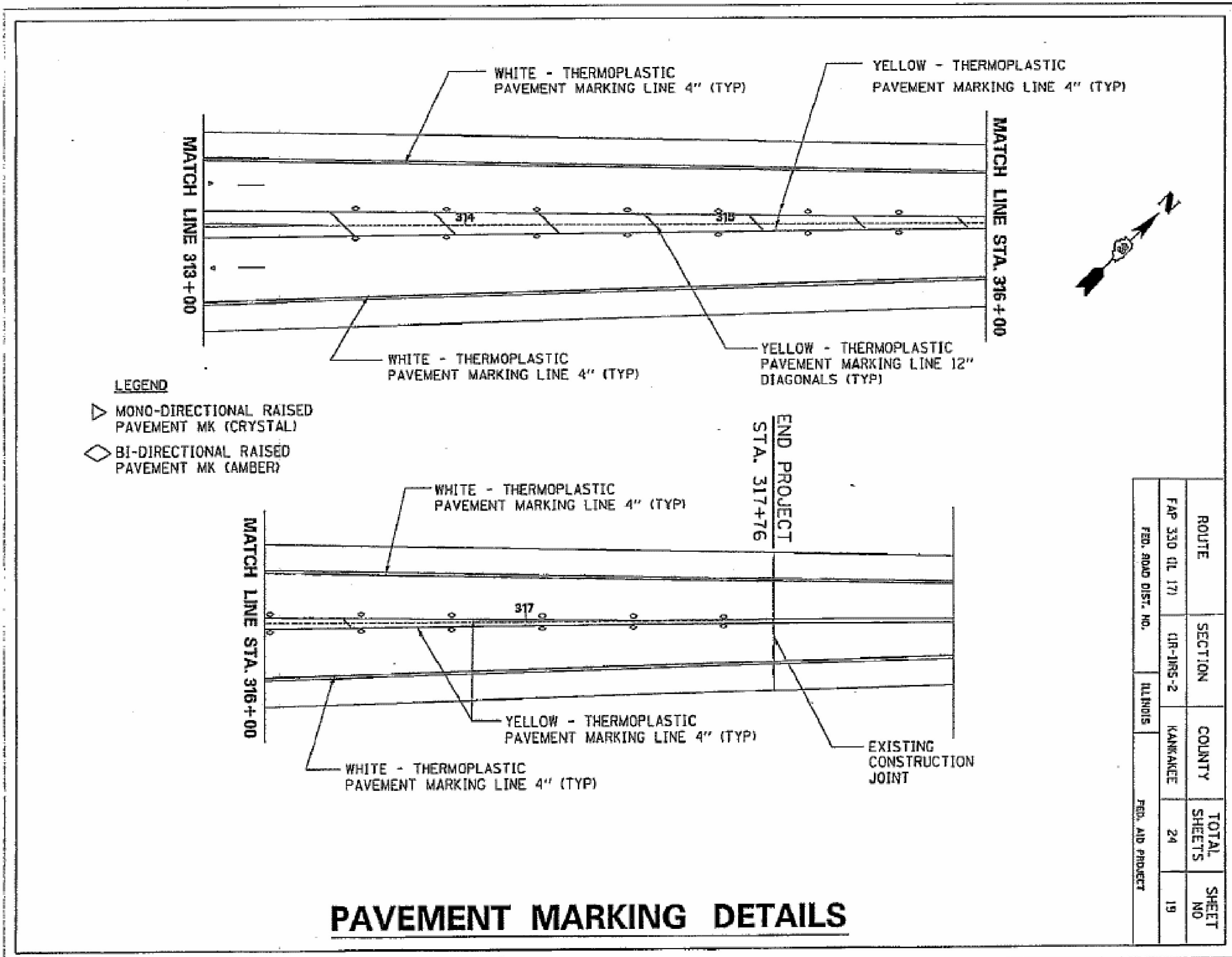
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PLOT DATE = 2/4/2022	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

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

**PAVEMENT MARKING DETAILS FOR INFORMATION ONLY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1R,1R-1)RS-3	KANKAKEE	26	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L73	



- LEGEND**
- ▷ MONO-DIRECTIONAL RAISED PAVEMENT MK (CRYSTAL)
  - ◊ BI-DIRECTIONAL RAISED PAVEMENT MK (AMBER)

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 330 (IL 17)	1R-1RS-2	KANKAKEE	24	19

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

## PAVEMENT MARKING DETAILS

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	DATE - _____	REVISED - _____

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

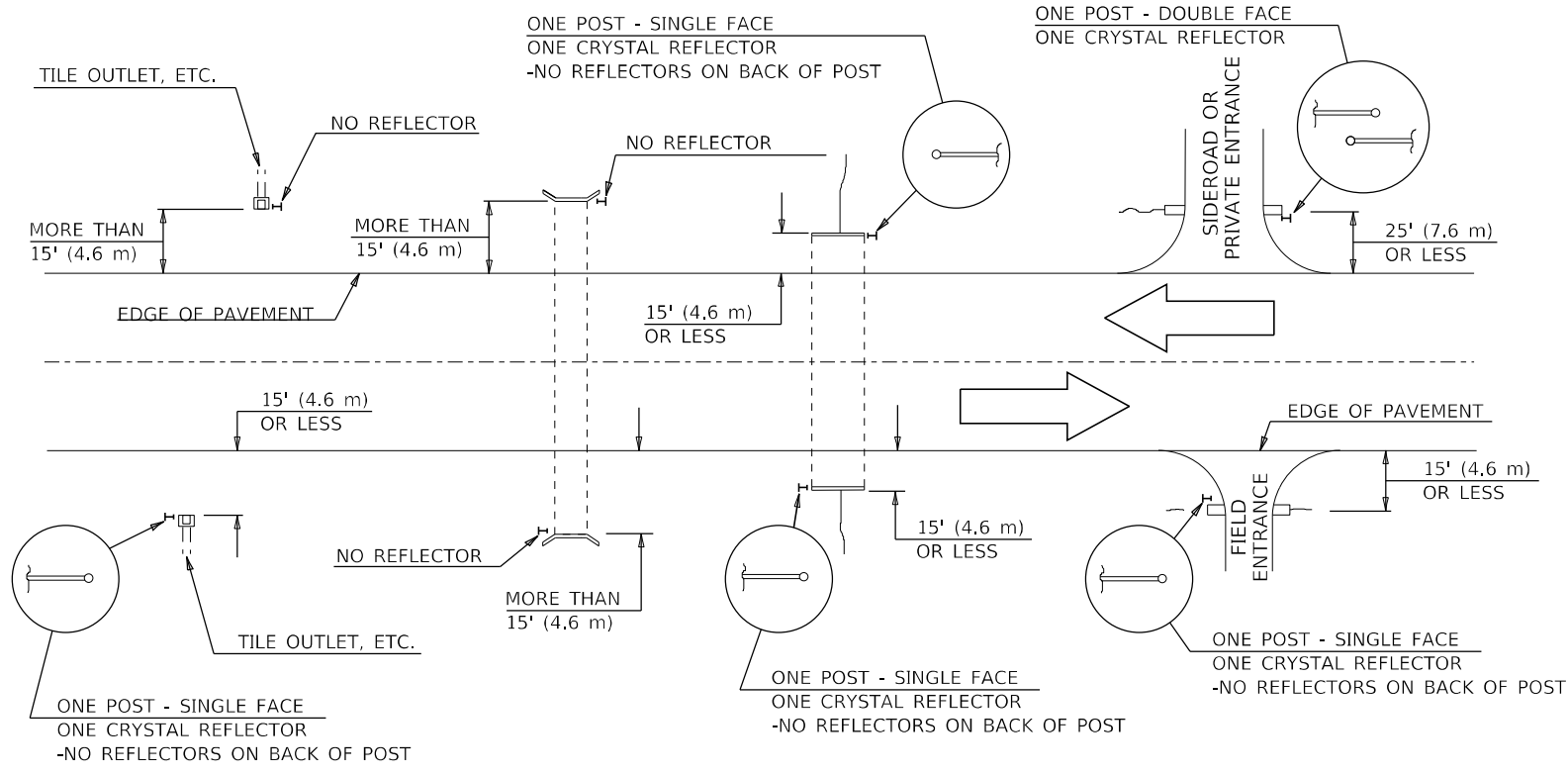
**PAVEMENT MARKING DETAILS**  
**FOR INFORMATION ONLY**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF 4 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(1R,1R-1)RS-3	KANKAKEE	26	21

CONTRACT NO. 66L73

ILLINOIS FED. AID PROJECT



**IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS**

**BILL OF MATERIALS**

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	27		N/A	27
SINGLE CRYSTAL			TOTAL	27

**NOTES**

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS. CRYSTAL ON RIGHT SIDE, AMBER ON LEFT.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

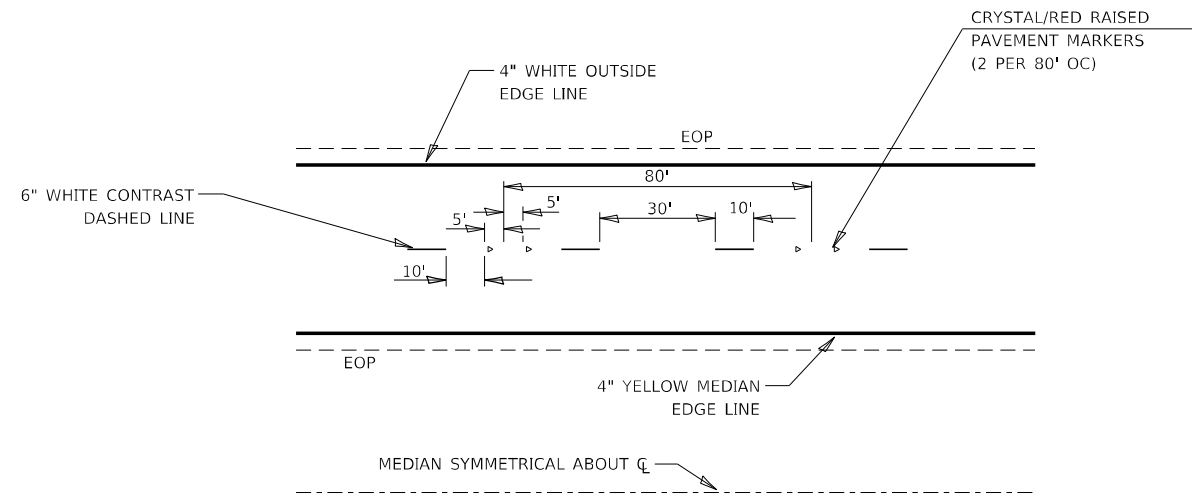
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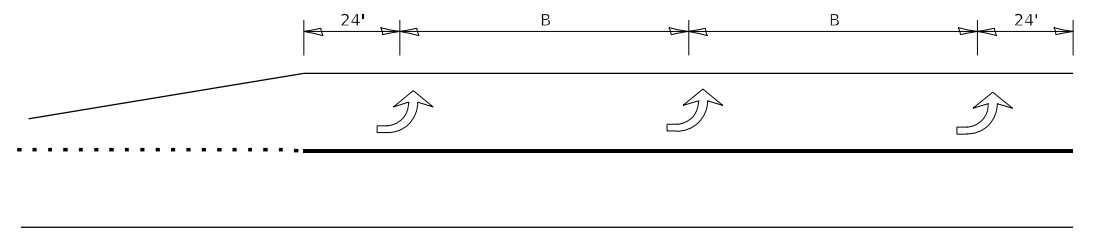
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 330/334	SECTION (1R,1R-1)RS-3	COUNTY KANKAKEE	TOTAL SHEETS 26	SHEET NO. 22
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				

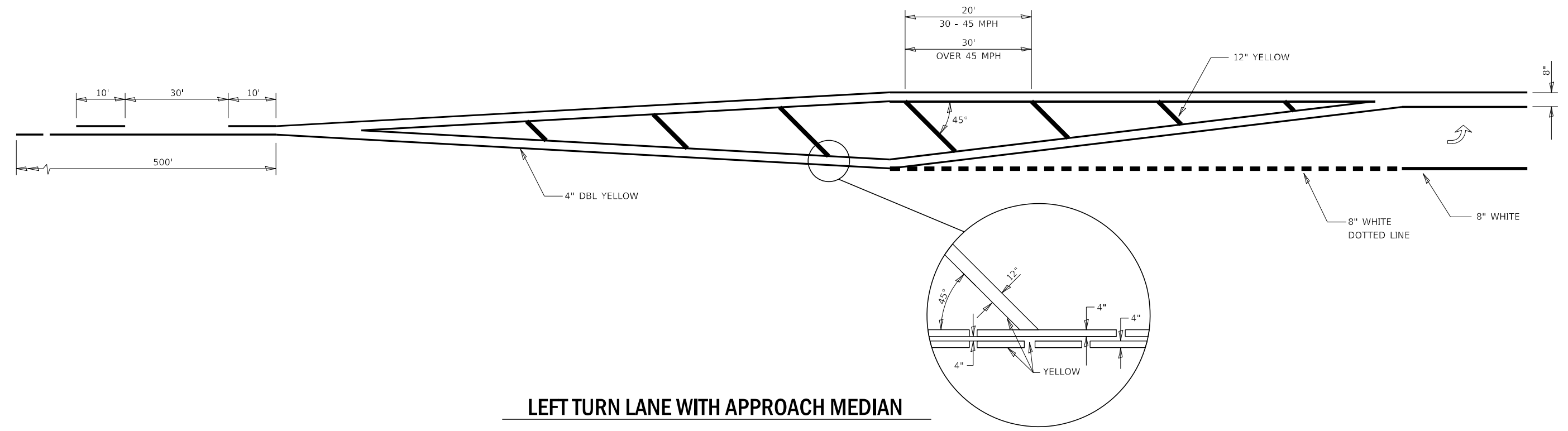


**TYPICAL PAVEMENT MARKINGS**



**150' AND LONGER**

**TYPICAL PLACEMENT OF ARROWS IN TURN LANES**



**LEFT TURN LANE WITH APPROACH MEDIAN**

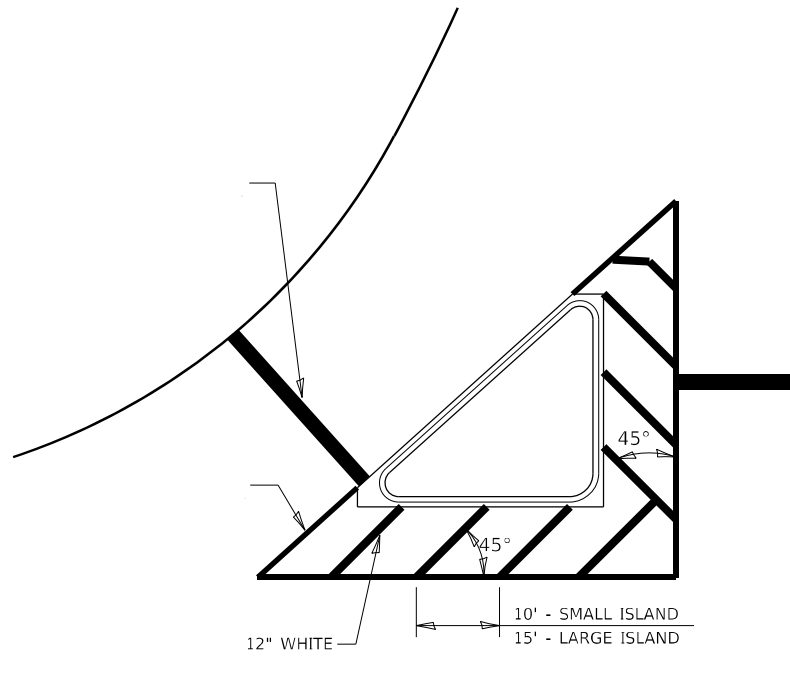
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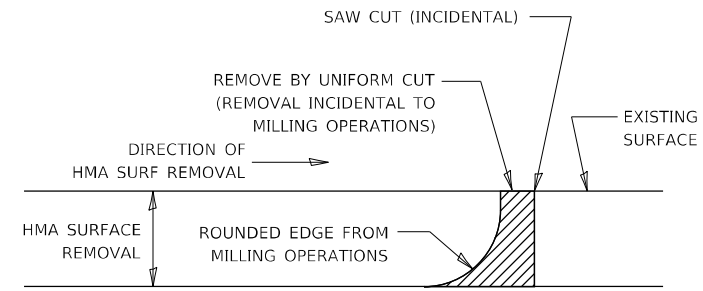
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				

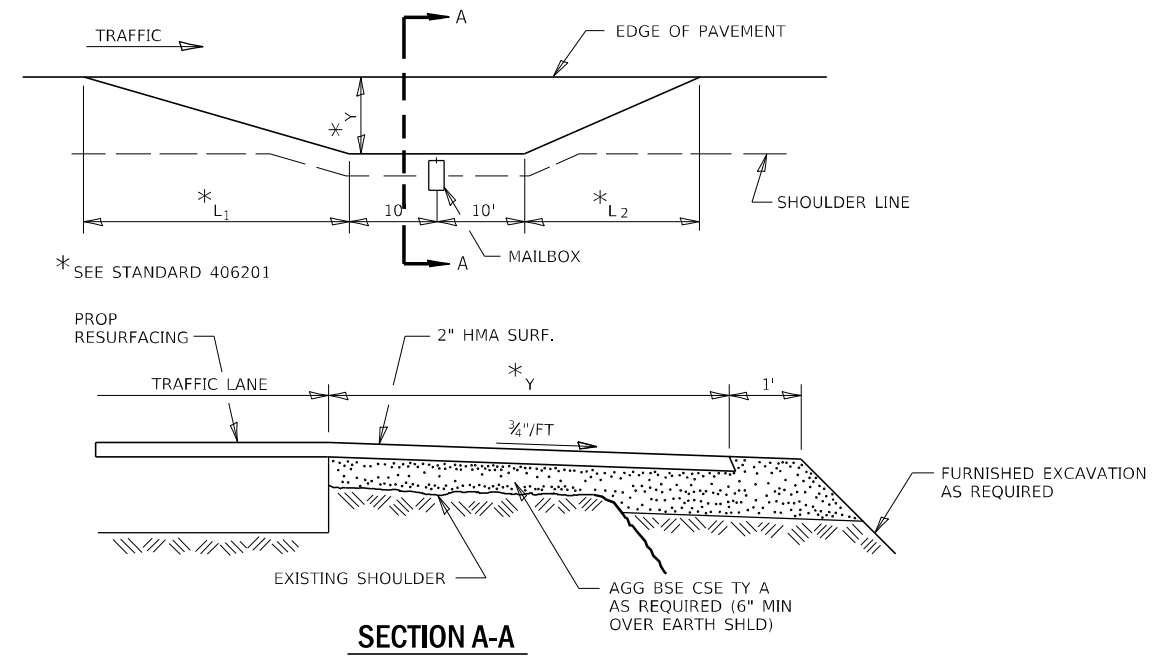


**TYPICAL ISLAND**



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**



**SECTION A-A**

**RURAL MAILBOX TURNOUT DETAILS**

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 PROJECT: 31100001001 - Office of District 3  
 PROJECT: 31100001001 - Office of District 3

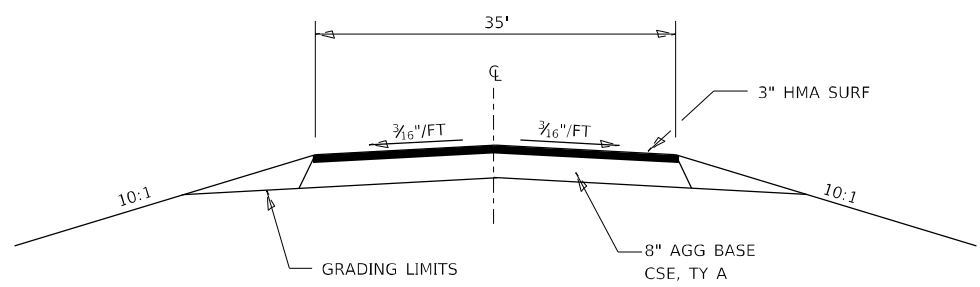
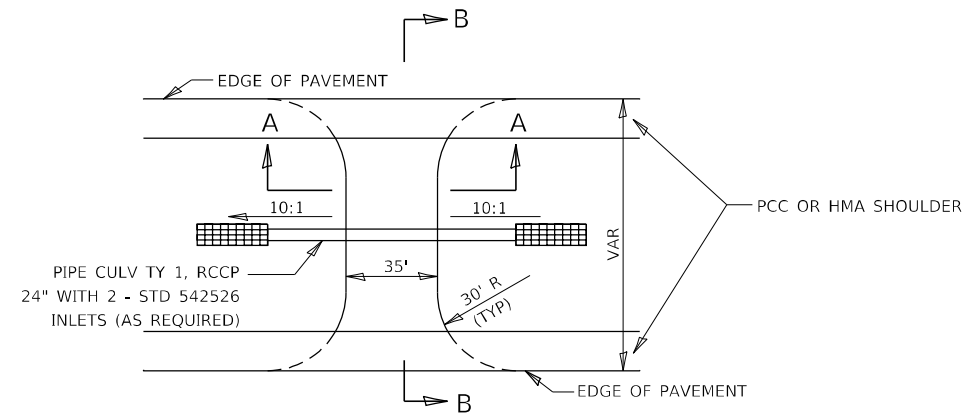
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

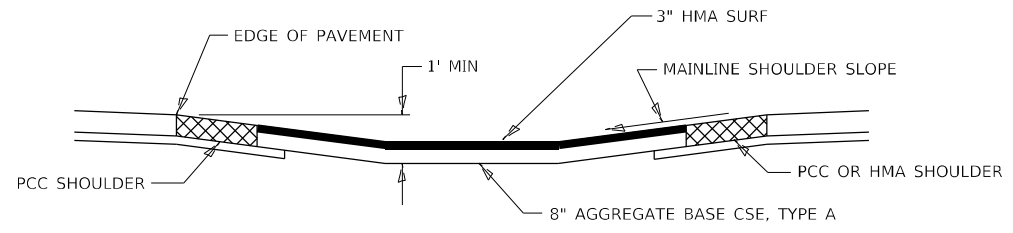
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STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				



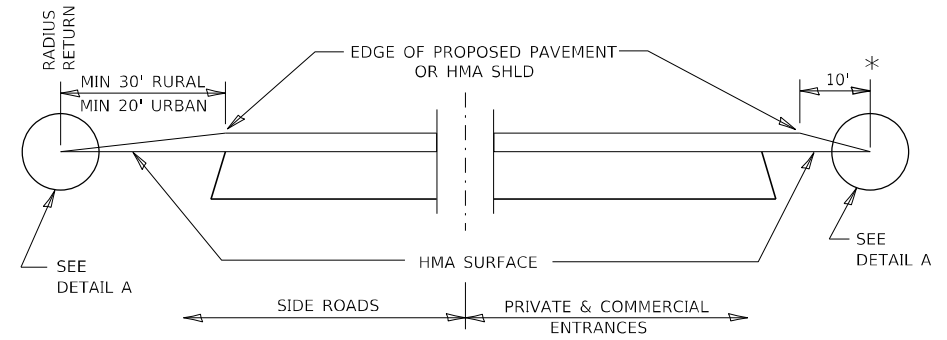


SECTION A-A

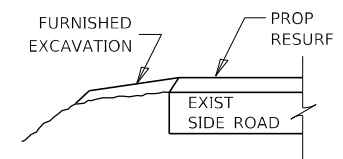


SECTION B-B

**HMA CROSSOVER**

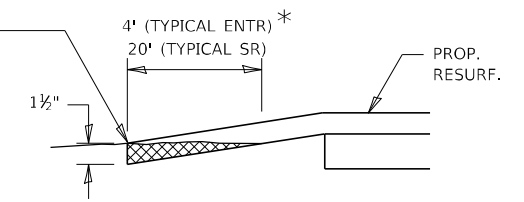


**SECTION A-A**  
**DETAILS AT ENTRANCES & SIDE ROADS**

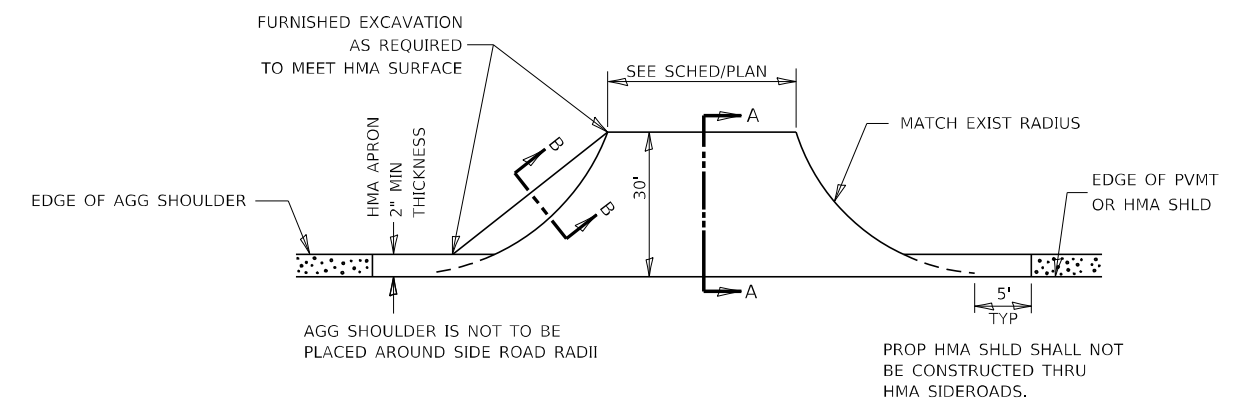


SECTION B-B

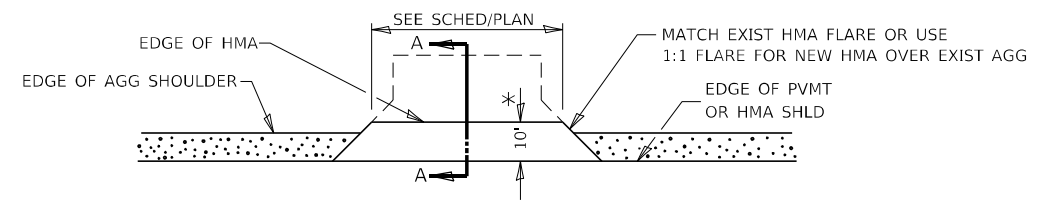
THE COST OF REMOVAL AT EXISTING HMA OR PCC LOCATIONS SHALL BE PAID FOR PER SQ YD BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A



PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

\* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

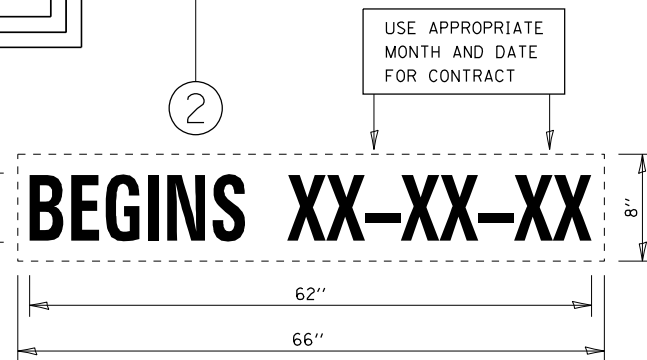
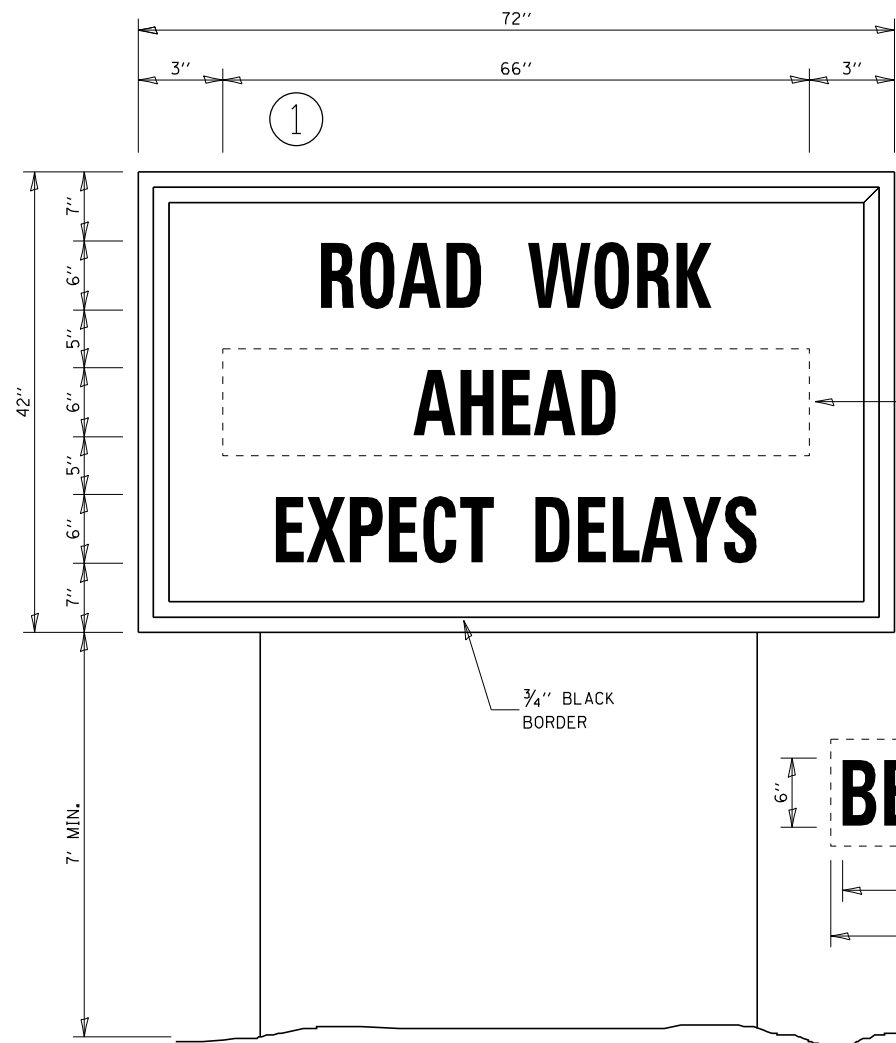
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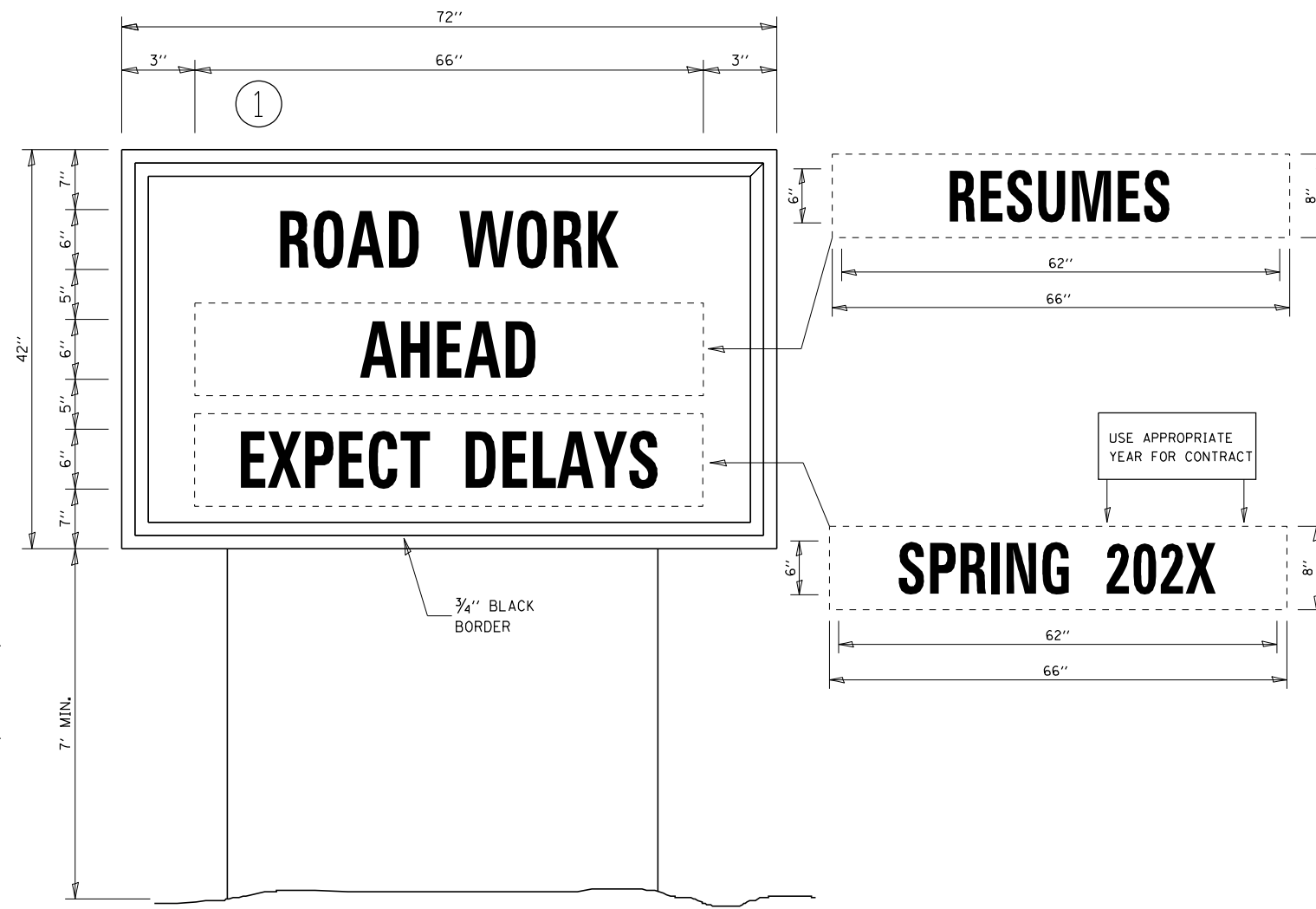
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1R,1R-1)RS-3	KANKAKEE	26	25
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				



**TEMPORARY INFORMATION SIGNING**



**WINTER SHUT DOWN SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1R,1R-1)RS-3	KANKAKEE	26	26
CONTRACT NO. 66L73				
ILLINOIS FED. AID PROJECT				