

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005	0005		
				80% FED 20% STATE	100% STATE		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	17	17			
25200110	SODDING, SALT TOLERANT	SO YD	17	17			
25200200	SUPPLEMENTAL WATERING	UNIT	0.2	0.2			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	73735 68798	73735 68798			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	246 230	246 230			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	369	369			
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	16058 14983	16058 14983			
42001300	PROTECTIVE COAT	SO YD	23	23			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	163854 152884	163854 152884			
44201835	CLASS D PATCHES, TYPE I, 16 INCH	SO YD	764	764			
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	4587	4587			
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	1147	1147			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005	0005		
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44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SO YD	1147	1147			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	765	765			
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
67100100	MOBILIZATION	L SUM	1	1			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	42014	42014			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	21007	21007			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

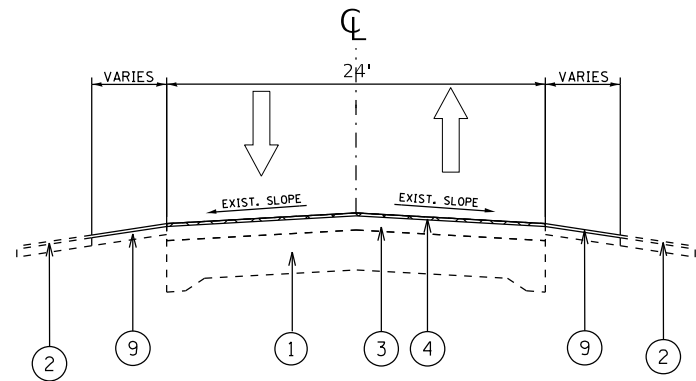
**IL 47 (NORTH OF BIG TIMBER RD - NORTH OF PLATO RD)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 1 OF 3 SHEETS STA. 15+60 TO STA. 387+82

F.A.P. RTE. 0326	SECTION 2021-025-RS	COUNTY KANE	TOTAL SHEETS 39	SHEET NO. 4
CONTRACT NO. 62N59				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REVISOR SHEET 1/11/2022

IL-47



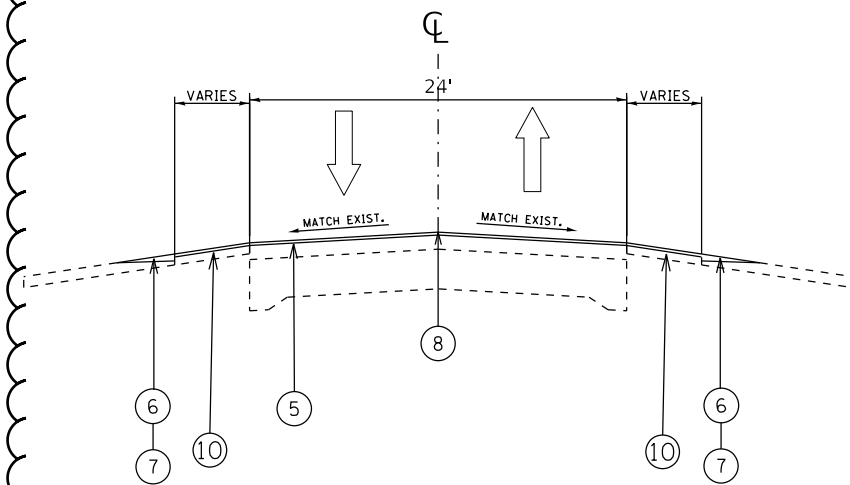
EXISTING TYPICAL SECTION

FROM STA 15+60 TO STA 230+00,
STA 273+10 TO STA 370+20

APPROXIMATE HMA SHOULDERS LOCATIONS (STA)

15+80- 17+83	164+40-165+06
46+45-48+77	178+20-181+78
91+72-95+35	185+55-191+81
121+31-147+31	215+19-216+52
229+42-273+52	337+00-342+38
366+00-374+00	

IL-47



PROPOSED TYPICAL SECTION

FROM STA 15+60 TO STA 230+00,
STA 273+10 TO STA 370+20

APPROXIMATE HMA SHOULDERS LOCATIONS (STA)

15+80- 17+83	164+40-165+06
46+45-48+77	178+20-181+78
91+72-95+35	185+55-191+81
121+31-147+31	215+19-216+52
229+42-273+52	337+00-342+38
366+00-374+00	

LEGEND

- ① EXISTING PCC BASE COURSE, ±9"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING HMA PAVEMENT ±9"
- ④ PROPOSED HMA SURFACE REMOVAL, 1 3/4 "
- ⑤ PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX E, N70; 1 3/4"
- ⑥ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑧ PROPOSED 16" CENTERLINE RUMBLE STRIP
- ⑨ PROPOSED HMA SHOULDER REMOVAL (TO BE DONE AT SAME TIME AS AMILINE)
- ⑩ PROPOSED HMA SHOULDER (TO BE DONE AT SAME TIME AS MAINLINE)

NOTES

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
2. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE
3. NO CENTERLINE RUMBLE STRIPS BETWEEN US 20 AND IL 72
STA 229+00 TO STA 273+10

HOT-MIX ASPHALT MIXTURE REQUIREMENTS				
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)	
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX E, N70; 1 3/4"	4.0% @ 70 GYR	PFPP	
PATCHING	CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 70 GYR	OC/OA	
	CLASS D PATCHES (SPECIAL)	HMA BINDER IL-19.0 mm 16"	4% @ 70 GYR	OC/OA
		POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX E, N70; 2"	4.0% @ 70 GYR	OC/OA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (OC/OA); PAY FOR PERFORMANCE (PFPP)

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

REVISED SHEET 1/11/2022

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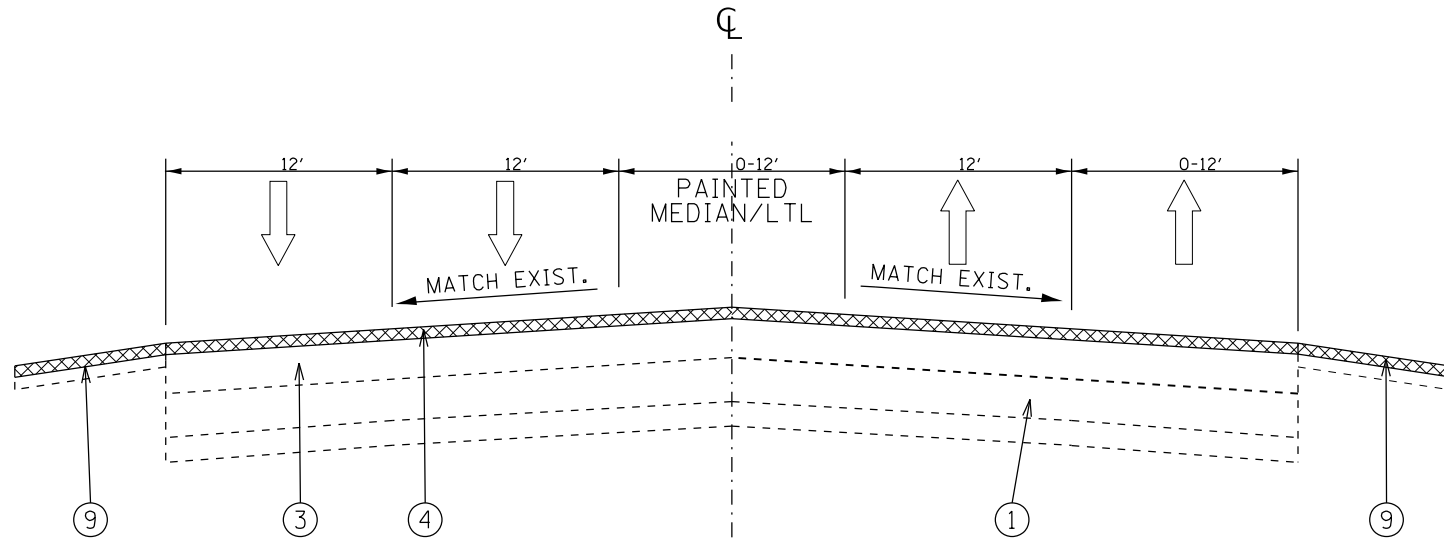
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL 47 - NORTH OF BIG TIMBER RD TO NORTH OF PLATO RD

SCALE: SHEET OF 1 SHEETS STA. 15+60 TO STA. 387+82

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0326	2021-025-R5	KANE	39	7
CONTRACT NO. 62N59				
ILLINOIS FED. AID PROJECT				

IL-47



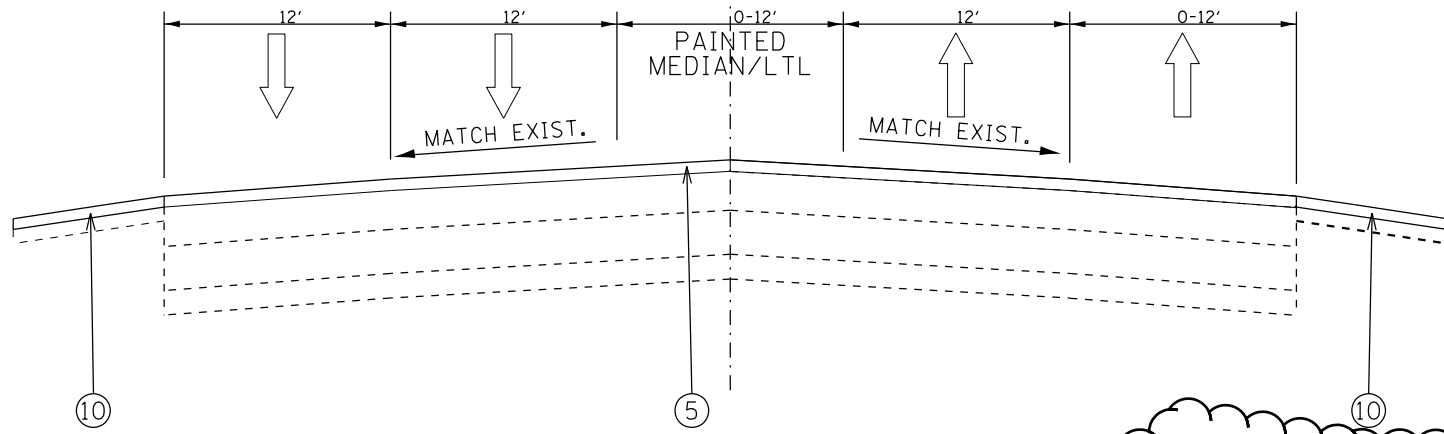
EXISTING TYPICAL SECTION

FROM STA 230+00 TO STA 273+00,
STA 374+00 TO STA 388+00

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15+80- 17+83	164+40-165+06
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PROPOSED TYPICAL SECTION

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APPROXIMATE HMA SHOULDERS LOCATIONS (STA)

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1 REVISED SHETT 1/11/2022

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
IL 47 - NORTH OF BIG TIMBER RD TO NORTH OF PLATO RD**

SCALE: SHEET 2 OF 2 SHEETS STA. 15+60 TO STA. 387+82

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0326	2021-025-R5	KANE	39	8
CONTRACT NO. 62N59				
ILLINOIS FED. AID PROJECT				