



LEGEND	
<p>① EXISTING 2" TO 6" ASPHALT SURFACE COURSE</p> <p>② EXISTING 7" TO 9.5" ASPHALT BINDER COURSE</p> <p>③ EXISTING 3" TO 10" AGGREGATE BASE COURSE</p> <p>④ EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER</p> <p>⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"</p> <p>⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"</p>	<p>⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"</p> <p>⑧ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1.25"</p> <p>⑨ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)</p> <p>⑩ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AT VARIOUS LOCATIONS)</p> <p>⑪ SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK 5" (AT VARIOUS LOCATIONS)</p>

PATCHING SHALL BE PERFORMED AFTER MILLING

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

OPERATION	MIXTURE TYPE	AIR VOIDS
DOUGLAS AVENUE RESURFACING	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1.25"	3.5% @ 50 Gyr.
DRIVEWAY RECONSTRUCTION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2"	4% @ 50 Gyr.
PATCHING	HMA BINDER COURSE, IL-19.0, N50, 2 1/4"	4% @ 50 Gyr.
	HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2"	4% @ 50 Gyr.
	CLASS D PATCHES, 9 INCH	
	HMA BINDER, IL-19.0, 9" (IN 3 LIFTS)	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/INCH.

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 DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. 37+97 TO STA. 44+64

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2508	12-00048-00-RS	KANE	16	4
CONTRACT NO. 63793				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT - STP				

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