



EXISTING TYPICAL SECTION  
 STA 63+30 TO STA 77+25, McDONALD ROAD  
 STA 129+50 TO 144+30, McDONALD ROAD  
 N.T.S.

LEGEND	
①	EXISTING 5" - 7" ASPHALT PAVEMENT
②	EXISTING 6" - 11" AGGREGATE BASE
③	EXISTING 2' AGGREGATE SHOULDER
④	HOT-MIX ASPHALT SURFACE REMOVAL, 1"
⑤	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.25"
⑥	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
⑦	BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
⑧	AGGREGATE WEDGE SHOULDER, TYPE B

PATCHING SHALL BE PERFORMED AFTER MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
OPERATION	MIXTURE TYPE	AIR VOIDS @ Ndes
MCDONALD ROAD RESURFACING	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (IL-4.75 mm), 1"	3.5% @ 50 Gyr
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 2.25"	4% @ 50 Gyr
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 3"	4% @ 50 Gyr
PATCHING	CLASS D PATCHES, 5 INCH	
	HMA BINDER, IL-19, 5" (IN 2 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

Plotted: March 20, 2013 @ 8:38 AM By: Kila Pung - Tab: 05 Typ Section 22x34  
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USER NAME #	DESIGNED -	REVISED -
PLOT SCALE #	DRAWN -	REVISED -
PLOT DATE #	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. 37+97 TO STA. 44+64

F.A.P. RTE. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
537	15-00004-00-RS	KANE	11	5
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT - STP			CONTRACT NO. 63830	

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