

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	37
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

MIXTURE REQUIREMENT

PAY ITEM	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (8")	4% @ 70 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (7")	4% @ 50 GYR.
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (1 1/2")	4% @ 50 GYR.
WIDENING AND RESURFACING (HARLEM AVENUE)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (1 1/2")	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4" MIN)	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (10" - WEST SIDE, 8" EAST SIDE)	4% @ 70 GYR.
BIKEPATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 MM); 10"	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (6" - PE, 8" CE)	4% @ 50 GYR.
PAVED MEDIAN	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) (8")	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (1 3/4")	4% @ 50 GYR.
TEMP PAVEMENT (HMA BINDER IL-19 mm) (8 1/4")	4% @ 50 GYR.
TEMPORARY SURFACE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT SHOULDERS, 6"	
HOT-MIX ASPHALT SHOULDERS, 6"	2% @ 30 GYR.
HOT-MIX ASPHALT SHOULDERS, 8"	
HOT-MIX ASPHALT SHOULDERS, 8"	2% @ 30 GYR.
STABILIZED SUB-BASE	
STABILIZED SUB-BASE HOT-MIX ASPHALT N50 (IL-19 mm) (4 1/2")	3% @ 50 GYR.

NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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 DISTRICT ONE SPECIAL PROVISIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HMA CHART

SCALE: NOT TO SCALE
DATE 6/11/2010

DRAWN BY DJK
CHECKED BY JRV