

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	5R, Y, RS-1	CLAY	242	4
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 74078				

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project.

Location FAP328 (US45)

20 YR. ESAL'S:

MIXTURE USE	SURFACE COURSE, (1.5")	LEVEL BINDER, (0.75")	BIT SHOULDERS, 8"
APPLICATION	BIT CONC SURFACE COURSE, MIX C, N50	LEVEL BINDER MACHINE METHOD SUPERPAVE, N50	BITUMINOUS SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 58-22
RAP%(MAX)	15%	25%	30%
DESIGN AIR VOIDS	4%@Ndes=50	4%@Ndes=50	2%@Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-9.5	N/A
FRICITION AGG	MIXTURE C	N/A	N/A

Location FAP328 (US45)

20 YR. ESAL'S:

MIXTURE USE	BIT CONC PAVE, FULL-DEPTH, (BINDER LIFTS)	BIT CONC PAVE, FULL-DEPTH, (SURFACE LIFTS OF 2" THICKNESS)
APPLICATION	BIT CONC PAVE, FULL-DEPTH SUPERPAVE	BIT CONC PAVE, FULL-DEPTH SUPERPAVE
AC/PG	PG 64-22	PG 64-22
RAP%(MAX)	25%	15%
DESIGN AIR VOIDS	4%@Ndes=70	4%@Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL-9.5
FRICITION AGG	N/A	MIXTURE C

Location SIDEROADS

20 YR. ESAL'S:

MIXTURE USE	SURFACE COURSE, (2")	BIT CONC BASE COURSE (8")
APPLICATION	BIT CONC SURFACE COURSE, MIX C, N50	BIT BASE COURSE, SUPERPAVE, (8")
AC/PG	PG 64-22	PG 64-22
RAP%(MAX)	15%	25%
DESIGN AIR VOIDS	4%@Ndes=50	2%@Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	N/A
FRICITION AGG	MIXTURE C	N/A

Location DETOUR ROADS

20 YR. ESAL'S:

MIXTURE USE	SURFACE COURSE, (2")	BIT CONC BASE COURSE (7")
APPLICATION	BIT CONC SURFACE COURSE, MIX C, N50	BIT BASE COURSE, SUPERPAVE, (7")
AC/PG	PG 64-22	PG 64-22
RAP%(MAX)	15%	25%
DESIGN AIR VOIDS	4%@Ndes=50	4%@Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0
FRICITION AGG	MIXTURE C	N/A

ENTRANCES

20 YR. ESAL'S:

MIXTURE USE	INCIDENTAL BIT SURFACING
APPLICATION	BIT CONC SURFACE COURSE, MIX C, N50
AC/PG	PG 64-22
RAP%(MAX)	15%
DESIGN AIR VOIDS	4%@Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5
FRICITION AGG	MIXTURE C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MIXTURE REQUIREMENTS

SCALE: NO SCALE
DATE: 10-21-05

DRAWN BY: UJ
CHECKED BY: MAR