

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project.

Location US 67/ IL111 (Godfrey Road), IL 111/ US 67 (Godfrey Road)

20 YR. ESAL'S: 4.14

MIXTURE USE	SURFACE	BINDER	SHOULDER	PATCHING	TEMP RAMP
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP%(MAX)	10%	10%	30%	10%	10%
DESIGN AIR VOIDS	4% @ Ndes=90	4% @ Ndes=90	2% @ Ndes=30	4% @ Ndes=90	4% @ Ndes=90
MIX COMPOSITION (GRADIATION MIXTURE)		IL 19.0		IL 19.0	
FRICITION AGG	MIXTURE D	MIXTURE B	BAM	MIXTURE B	MIXTURE C

Location FAP 310 AND RAMPS A & B

20 YR. ESAL'S: 4.14

MIXTURE USE	POLYMERIZED SURFACE * FULL DEPTH	BINDER * FULL DEPTH	SHOULDERS	TOP LIFT SHOULDER
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP%(MAX)	10%	10%	30%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	2.0% @ Ndes=30	1.5% @ Ndes=30
MIX COMPOSITION (GRADIATION MIXTURE)		IL 19.0		
FRICITION AGG	MIXTURE D	MIXTURE B	BAM	BAM

\* SEE TYPICAL SECTION FOR FULL-DEPTH DETAILS

Location ACCESS ROADS 1, 2, & 3

20 YR. ESAL'S: 0.01

MIXTURE USE	SURFACE	BINDER	SHOULDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP%(MAX)	10%	15%	30%	10%
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=70	2% @ Ndes=30	4% @ Ndes=70
MIX COMPOSITION (GRADIATION MIXTURE)		IL 19.0		
FRICITION AGG	MIXTURE C	MIXTURE B	BAM	MIXTURE C

Location LAGEMANN LANE, BUETTEL ROAD, DAVIS LANE AND BENJAMIN DRIVE

20 YR. ESAL'S: 0.01

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP%(MAX)	10%	15%
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=70
MIX COMPOSITION (GRADIATION MIXTURE)		IL 19.0
FRICITION AGG	MIXTURE C	MIXTURE B

ENTRANCES

20 YR. ESAL'S:

MIXTURE USE	INCIDENTAL
AC/PG	PG 64-22
RAP%(MAX)	10%
DESIGN AIR VOIDS	4% @ Ndes=70
MIX COMPOSITION (GRADIATION MIXTURE)	
FRICITION AGG	MIXTURE C

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

# MIXTURE REQUIREMENTS

SCALE: NO SCALE  
DATE: 09-04-09

DRAWN BY: U.J.J.  
CHECKED BY: J.J.C.