

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	IL 29 & Old IL 29 (exclude IL 4 intersection)
Mixture Use(s):	Surface
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

Location(s):	IL 29
Mixture Use(s):	Leveling Binder
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	N/A

Location(s):	IL 29 Sideroads
Mixture Use(s):	Incidental HMA Surface
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

Location(s):	IL 29/ IL 4 intersection
Mixture Use(s):	HMA Base Course 11 1/2"
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A

Location(s):	IL 29, IL 4, Peoria Rd.
Mixture Use(s):	Patching
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A

Location(s):	IL 4 (including IL 29 intersection)
Mixture Use(s):	Surface
PG:	SBS PG 70-28
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

Location(s):	IL 4
Mixture Use(s):	HMA Shoulders (2" & 2 1/2")
PG:	PG64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix C

Location(s):	IL 4, west of IL 29
Mixture Use(s):	Leveling Binder
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	N/A

Location(s):	IL 4 Sideroads
Mixture Use(s):	Incidental HMA Surface
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

RATES OF APPLICATION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES

PRIMECOAT (HMA)	0.00038 TON/SY
PRIMECOAT (AGG)	0.002 TON/SY
HMA SURFACE COURSE	0.056 TON/SY.IN

Location(s):	Peoria Rd North of IL 4
Mixture Use(s):	Surface
PG:	SBS PG 70-28
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

Location(s):	Peoria Rd South of IL 4
Mixture Use(s):	Surface
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

Location(s):	Peoria Rd
Mixture Use(s):	Leveling Binder
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	N/A

Location(s):	Peoria Rd. Sideroads
Mixture Use(s):	Incidental HMA Surface
PG:	PG64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix D

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwwork\PIWIDOT\LAUGHLINRL\dms47710\6572C35-sh1-gennote.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000 1/1 IN.		CHECKED -	REVISED -
PLOT DATE = Apr-30-2010 09:12:43AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MIX DESIGN TABLES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
658	*	SANGAMON	206	3
CONTRACT NO. 72C35			ILLINOIS FED. AID PROJECT	
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	