MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

IL 29 & Old IL 29 (exclude IL 4
intersection)
Surface
PG 64-22
4.0% @ N70
IL 9.5 or 12.5
Mix D
IL 29
Leveling Binder
PG64-22
4.0% @ N70
IL 9.5
N/A
IL 29 Sideroads
Incidental HMA Surface
PG64-22
4.0% @ N70
IL 9.5 or 12.5
Míx 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

IL 29, IL 4, Peoria Rd.
Patching
PG64-22
4.0% @ N70
IL 19.0
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):	1L 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)
PRIMECOAT (AGG)
HMA SURFACE COURSE

0.00038 TON/SY 0.002 TON/SY 0.056 TON/SY.IN

Peoria Rd North of IL 4
Surface
SBS PG 70-28
4.0% @ N70
IL 9.5 or 12.5
Mix D
Peoria Rd South of IL 4
Surface
PG 64-22
4.0% @ N70
IL 9.5 or 12.5
Mix D
Peoria Rd
Leveling Binder
PG64-22
4.0% @ N70
IL 9.5
N/A
Peoria Rd. Sideroads
Incidental HMA Surface
PG64-22
4.0% @ N70
L 9.5 or 12.5
: Mix D

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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