

## MIX DESIGN

LOCATION (S):	HOT-MIX ASPHALT SURFACE COURSE (IL 13)
MIXTURE USE (S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90
AC/PG:	SBS PG76-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5MM
FRICTION AGGREGATE:	E SURFACE
LOCATION (S):	HOT-MIX ASPHALT BINDER COURSE (TOP LIFT IL 13)
MIXTURE USE (S):	POLYMER HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM FG
AC/PG:	SBS PG76-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 FINE GRADE
FRICTION AGGREGATE:	NONE
LOCATION (S):	HOT-MIX ASPHALT BINDER COURSE (LOWER LIFTS IL 13)
MIXTURE USE (S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM, FINE GRADE
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE

LOCATION (S):	HOT-MIX ASPHALT SURFACE COURSE (SIDEROADS AND FRONTAGE ROADS) HOT-MIX ASPHALT SHOULDERS (TOP LIFT)
MIXTURE USE (S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5MM
FRICTION AGGREGATE:	C SURFACE
LOCATION (S):	HOT-MIX ASPHALT BINDER COURSE (SIDEROADS AND FRONTAGE ROADS)
MIXTURE USE (S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM FINE GRADE
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE
LOCATION (S):	HOT-MIX ASPHALT SHOULDER (LOWER LIFTS)
MIXTURE USE (S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM FINE GRADE
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE

LOCATION (S):	HOT-MIX ASPHALT SURFACE COURSE (WOLF CREEK RD)
MIXTURE USE (S):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM
FRICTION AGGREGATE:	D SURFACE
LOCATION (S):	HOT-MIX ASPHALT BINDER (WOLF CREEK RD LOWER LIFT)
MIXTURE USE (S):	HOT-MIX ASPHALT BINDER COURSE, N-90, IL-19.0MM FINE GRADE
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE
LOCATION (S):	TEMPORARY PAVEMENT
MIXTURE USE (S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0MM, FINE GRADE
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0MM FINE GRADE
FRICTION AGGREGATE:	NONE

-FULL DEPTH PAVEMENT LIFT THICKNESSES = SURFACE COURSE 2", TOP LIFT BINDER 2 1/4", AND REMANIDER BINDER THICKNESSES TO BE AS PER ARTICLE 407.06 OF STANDARD SPECIFICATIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - KN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MIX DESIGN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\p\work\p\dat\levender\ba\8363619\078221-ent\genote-92.dgn		DRAWN - AS	REVISED -			331	(1-3)R-2, N-4, TS-4, HBK-1	WILLIAMSON	733	4
PLOT SCALE = 2,000' / 1" =		CHECKED -	REVISED -			DRAWING NO. <b>GE-04</b>			CONTRACT NO. 78221	
PLOT DATE = 1/31/2014		DATE -	REVISED -			SCALE:	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT