



PROPOSED TYPICAL CROSS SECTION (2)

F.A.P. 681 (IL116)

STA 22+02.00 TO STA 22+33.00
STA 26+28.00 TO STA 27+00.00

	HMA BINDER	HMA LEVEL BINDER	HMA SURFACE
PG GRADE**	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	-	-	MIXTURE C
DESITY CONTROL METHOD	CORES/ CORRELATION*	SATISFACTION OF THE ENGINEER	CORES

- MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE, THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/OA SPECIFICATION.
- WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (I.E. 25% RAP WOULD REQUIRED A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO PG58-22).

FILE NAME =	USER NAME = #USER#	DESIGNED - JML	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 681	SECTION *	COUNTY FORD/IROUOIS	TOTAL SHEETS 146	SHEET NO. 8
#FILEL#		DRAWN - DJM	REVISED -					SN 027-2018		CONTRACT NO. 66880		
		CHECKED - MSW	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE - 08/04/10	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			