



EXISTING TYPICAL SECTION
I-290
SB EXIT RAMP TO BIESTERFIELD ROAD
STA 102+33 TO STA 108+17

* TO BE REMOVED
** TO BE REMOVED AS UNSUITABLE MATERIAL
*** TOP 6" LAYER SHALL BE REMOVED AS UNSUITABLE MATERIAL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AIR VOIDS (%)
TEMP PAVEMENT	*TEMP PAVEMENT, (BINDER IL-19.0 MM), 11"	4% @ 50 GYR
STABILIZED SUBBASE	STABILIZED SUBBASE - HMA, 4 1/2"	2% @ 30 GYR

*TEMP PAVEMENT SHALL BE INSTALLED IN (3) LIFTS.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND

- ① EXISTING JOINTED PCC PAVEMENT, 10 1/4"
- ② EXISTING AGGREGATE SUBGRADE, 12"
- ③ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING PARKWAY
- ⑥ PROP. JOINTED PCC PAVEMENT WIDENING, 10 1/4"
- ⑦ PROP. STABILIZED SUBBASE - HMA, 4 1/2"
- ⑧ PROP. AGGREGATE SUBGRADE, 12"
- ⑨ PROP. PCC SHOULDER, 10 1/4"
- ⑩ PROP. AGGREGATE SHOULDER, TYPE B, 6"
- ⑪ TOPSOIL AND SEED (CLASS 2A SHALL BE APPLIED TO 4:1 SLOPE AND CLASS 3 SHALL BE APPLIED TO 3:1 SLOPE.)
- ⑫ PROP. PIPE UNDERDRAIN, 4"
- ⑬ PROP. TIE BAR, NO. 8 X 24, 24" SPACING
- ⑭ PROP. TIE BAR, NO. 6 X 24, 24" SPACING

FILE NAME =	USER NAME = kellers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-290 SB BIESTERFIELD ROAD EXIT RAMP EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\VPWIDOT\KELLERS\d0155790\PI141009-Design.dgn	DRAWN -	REVISED -	290			0101-311 HBK-I	COOK	44	6	
PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60J32							
PLOT DATE = 5/7/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: N.T.S.	SHEET NO. OF SHEETS		STA. TO STA.		