



TYPICAL NORMAL SECTION

I-255 (NB) STA. 1145+90.00 TO STA. 1151+33.00
 I-255 (SB) STA. 1145+90.00 TO STA. 1151+33.00

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	SHOULDERS
AC/PG	PG 64-22	PG 58-22
RAP % (MAX)	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes= 70	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		
FRICION AGG	MIXTURE "D"	BAM

TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

LEGEND

- ① EXISTING CRPCC PAVEMENT - 10"
- ② EXISTING STABILIZED SUB-BASE - 4"
- ③ EXISTING PIPE UNDERDRAINS
- ④ EXISTING HOT- MIX ASPHALT SHOULDERS - 10"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ EXISTING GUARDRAIL
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105 - 1 3/4 "
- ⑧ PROPOSED BITUMINOUS MATERIALS - PRIME COAT
- ⑨ PROPOSED AGGREGATE PRIME COAT
- ⑩ PROPOSED HOT- MIX ASPHALT SHOULDERS - 1 3/4"

FILE NAME =	USER NAME = gelinh	DESIGNED -	REVISED -
et:\pw_work\pwidot\gelinh\dms88449\0876057-shr-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 5/18/2009		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE. 255	SECTION 82-1B-3-1	COUNTY ST CLAIR	TOTAL SHEETS 21	SHEET NO. 3 A
CONTRACT NO. 76C67				
ILLINOIS FED. AID PROJECT				