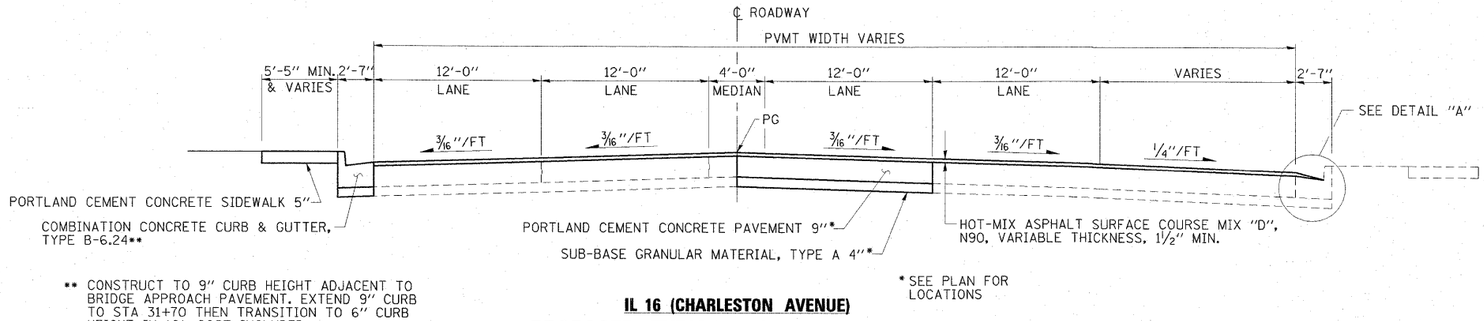
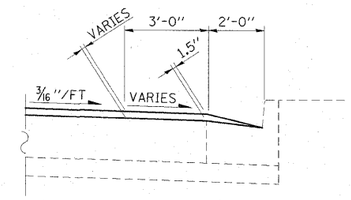
ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS
URBANA, ILLINOIS



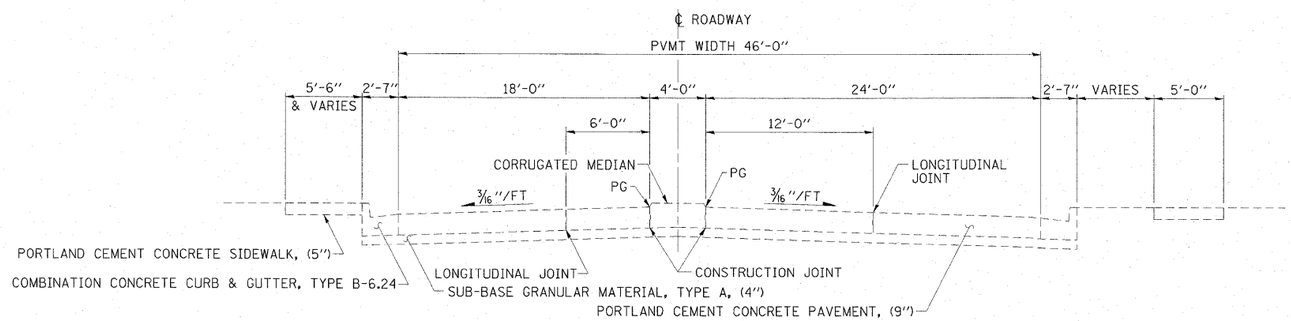
IL 16 (CHARLESTON AVENUE)

PROPOSED TYPICAL ROADWAY SECTION

STA 31+40.00 TO STA 31+98.04



DETAIL "A"



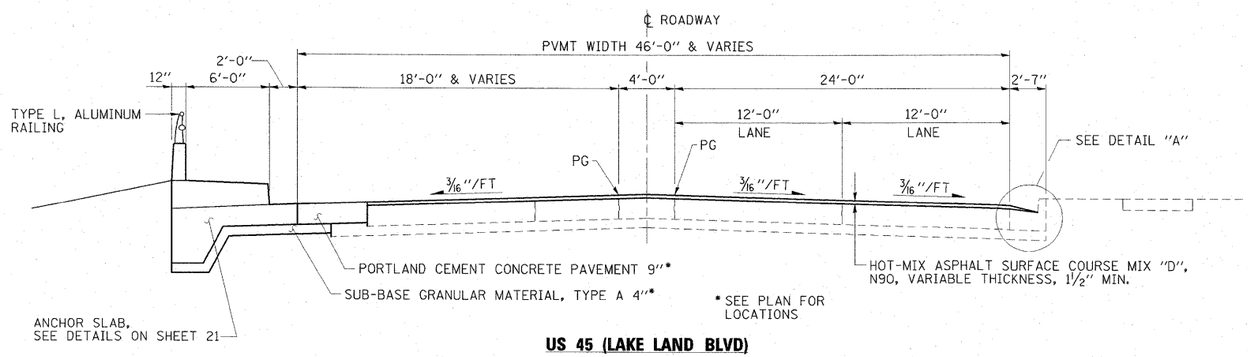
US 45 (LAKE LAND BLVD)

EXISTING TYPICAL ROADWAY SECTION

HMA MIXTURES REQUIREMENTS

	HMA SURFACE COURSE
LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
AC/PG:	PG64-22
RAP % (MAX): ***	10
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL 12.5
FRICTION AGGREGATE:	D SURFACE

*** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.



US 45 (LAKE LAND BLVD)

PROPOSED TYPICAL ROADWAY SECTION

STA 43+69.00 TO STA 45+13.34

FILE NAME = D774149-SHT-Typical07.dgn	USER NAME = HAS	DESIGNED - MTD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CJ/JPC	REVISED -			325	(19VBR)BR	COLES	92	7
	PLOT SCALE = 0.0833 ' / IN.	CHECKED - MTD	REVISED -					CONTRACT NO. 74149		
	PLOT DATE = 7/31/2009 10:22:35 AM	DATE - AUGUST 3, 2009	REVISED -		SCALE: NONE / SHEET NO. 2 OF 2 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		