

PAVEMENT STRUCTURAL DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2017
 PV=4,702 SU=198 MU=50

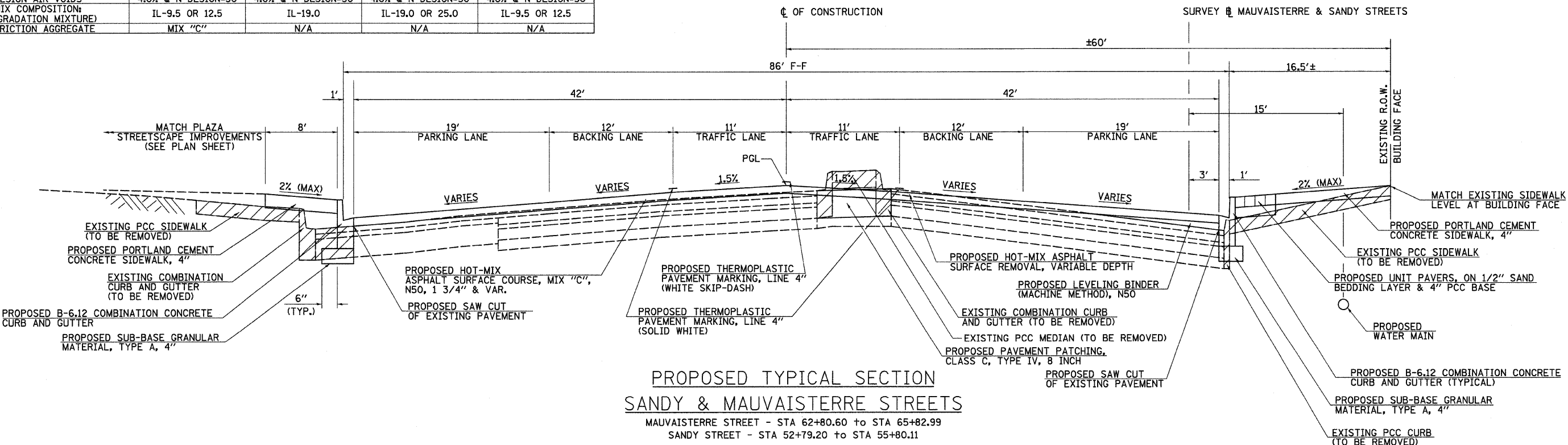
CLASS I ROAD TF = 0.41 D_r (REQ.) = 3.65
 MINIMUM SOIL SUPPORT: IBR = 3
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P=50% S=50% M=50%

PAVEMENT STRUCTURE MATERIALS:
 SURFACE COURSE TYPE: HOT-MIX ASPHALT, 1 3/4", α₁ = 0.36
 BASE COURSE TYPE: HOT-MIX ASPHALT BASE COURSE, 7", α₂ = 0.36
 SUB-BASE COURSE TYPE: GRANULAR MATERIAL, TYPE A, 4", α₃ = 0.13

D_r (PROVIDED) = 3.67

**PROPOSED TYPICAL SECTION
 MORGAN & COURT STREETS**
 MORGAN STREET - STA 32+79.20 to STA 35+80.44
 COURT STREET - STA 42+80.43 to STA 45+82.51

MIXTURE USE(S)	HMA SURFACE COURSE	HMA BINDER COURSE	HMA BASE COURSE	LEVELING BINDER
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR 12.5	IL-19.0	IL-19.0 OR 25.0	IL-9.5 OR 12.5
FRICTION AGGREGATE	MIX "C"	N/A	N/A	N/A



**PROPOSED TYPICAL SECTION
 SANDY & MAUVAISTERRE STREETS**
 MAUVAISTERRE STREET - STA 62+80.60 to STA 65+82.99
 SANDY STREET - STA 52+79.20 to STA 55+80.11

FILE NAME = v:\2522\plaza plans\25221801.dgn	USER NAME = jwhite	DESIGNED - JRB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF JACKSONVILLE DOWNTOWN PLAZA STREETS RECONSTRUCTION PROPOSED TYPICAL SECTIONS	F.A.U. RTE. = N/A	SECTION = 05-00121-00-PV	COUNTY = MORGAN	TOTAL SHEETS = 74	SHEET NO. = 8
PLOT SCALE = 5.0000' / IN.	CHECKED - JRB	REVISOR -	SCALE: N/A			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 6 (ILLINOIS) FED. AID PROJECT	CONTRACT NO. 93504	
PLOT DATE = 9/25/2009	DATE = 09/25/09	REVISOR -								