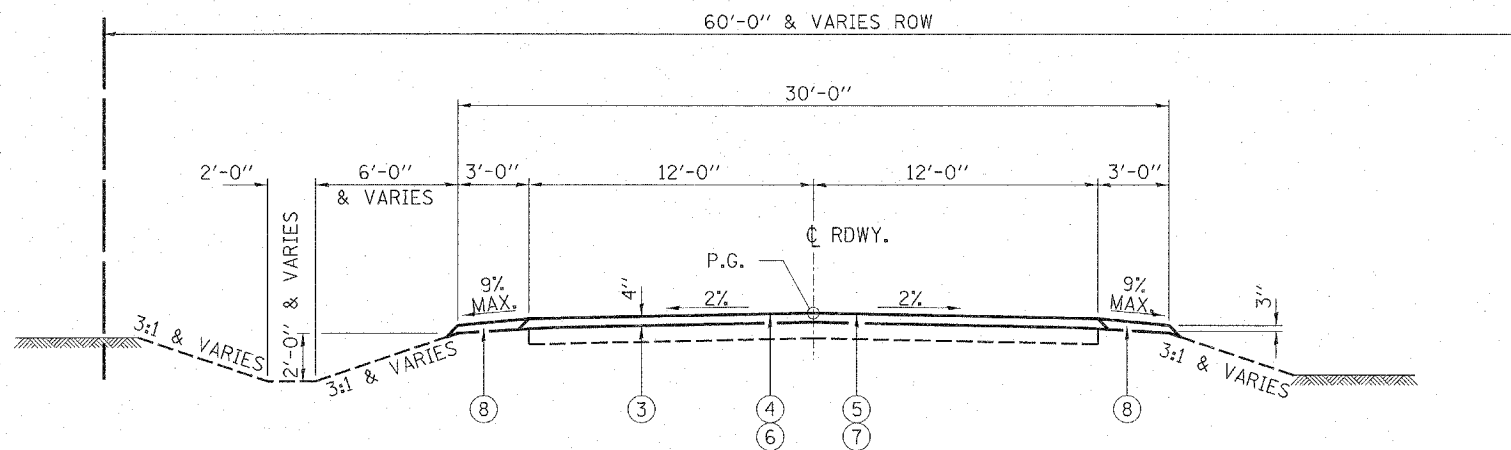


TYPICAL EXISTING CROSS SECTION

**PAVEMENT DESIGN DATA**

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 335 YEAR 2017  
P.V. = 92.3% S.U. = 5.5% M.U. = 2.2%  
CLASS IV ROAD  
PERCENT OF S.D.T. IN DESIGN LANE P = 50 S = 50 M = 50  
MINIMUM SOIL SUPPORT: IBR = 3.0  
DESIGN PERIOD = 20 YEARS  
TRAFFIC FACTOR = 0.0077  
STRUCTURAL NUMBER (SNF) = 1.94  
10" ROAD MIX (CLASS B)  $a_1 = .11 = 1.10$   
4" ROADMIX CLASS  $a_1 = .20 = 0.8$



TYPICAL CROSS SECTION

STA. 214+23 TO STA. 356+10.50  
STA. 356+61.50 TO STA. 524+45.00

**LEGEND**

- ① EXISTING BITUMINOUS SURFACE
- ② EARTH SHOULDER
- ③ BITUMINOUS MATERIALS (ROAD MIX) 4"
- ④ BITUMINOUS MATERIALS (COVER COAT)
- ⑤ BITUMINOUS MATERIALS (SEAL COAT)
- ⑥ COVER COAT AGGREGATE
- ⑦ SEAL COAT AGGREGATE
- ⑧ AGGREGATE SHOULDERS, TYPE B
- ⑨ AGGREGATE SURFACE COURSE, TYPE B

MIXTURE REQUIREMENTS	
LOCATION(S):	F.A.S. 696
MIXTURE USE(S):	BITUMINOUS MATERIALS (ROAD MIX)
AC/PG:	
RAP % (MAX):	N/A
DESIGN AIR VOIDS:	N/A
MIXTURE COMPOSITION: (GRADATION MIXTURE):	
FRICTION AGGREGATE:	N/A
MIXTURE USE(S):	112/SY/INCH THICKNESS

**HAMPTON, LENZINI & RENWICK, INC.**  
CIVIL & STRUCTURAL ENGINEERS

**HLR**

3085 STEVENSON DRIVE, SUITE 201  
SPRINGFIELD, ILLINOIS 62703  
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-23-0007-1 DATE: 09/08/06  
DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: W.J.S.

TYPICAL SECTIONS  
SECTION 08-00262-00-RS

F.A.S. 696  
CLARK COUNTY