

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1671	*	DOUGLAS	181	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 144SBR-2 & 22VBR-1

## STRUCTURAL PAVEMENT DESIGN INFORMATION

### **F.A.S. 1671 (U.S. ROUTE 45) PROPOSED TYPICAL SECTION ③**

STRUCTURAL DESIGN TRAFFIC: 2,910 Year 2017  
 PV = 2,532 SU = 166 MU = 212  
 ROAD/STREET CLASSIFICATION: Major Collector  
 P = 50% S = 50% M = 50%  
 TRAFFIC FACTOR: Actual TF = 1.01 AC Type = 20  
 Minimum TF = 3.81  
 PG GRADE: Binder = PG 64-22 Binder = PG 64-22  
 Surface = PG 64-22  
 PAVEMENT TYPE: Bituminous Concrete Pavement  
 (Full-Depth), Superpave 1 3/4"  
 SUBGRADE SUPPORT RATING:  
 SSR = Poor (Sta. 1139+69.33 to Sta. 1150+37.00)  
 SSR = Poor (Sta. 1156+28.50 to Sta. 1164+50.00)

### **F.A.S. 1671 (U.S. ROUTE 45) PROPOSED TYPICAL SECTION ⑤**

STRUCTURAL DESIGN TRAFFIC: 2,910 Year 2017  
 PV = 2,532 SU = 166 MU = 212  
 ROAD/STREET CLASSIFICATION: Major Collector  
 P = 50% S = 50% M = 50%  
 TRAFFIC FACTOR: Actual TF = 1.43 AC Type = N/A  
 Minimum TF = 5.51  
 PAVEMENT TYPE: P.C.C. Pavement, 10" (Jointed)  
 SUBGRADE SUPPORT RATING:  
 SSR = Poor (Sta. 1152+39.00 to Sta. 1153+76.50)

PLOT DATE = 7/10/2006  
 FILE NAME = c:\projects\0505202 (v8)\70258\text1.dgn  
 USER NAME = pier.sombir

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STRUCTURAL PAVEMENT  
 DESIGN INFORMATION**  
 F.A.S. ROUTE 1671 (U.S. ROUTE 45)  
 SECTION 144SBR-2 & 22VBR-1  
 DOUGLAS COUNTY

SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 05/23/06 CHECKED BY: C.R.G.