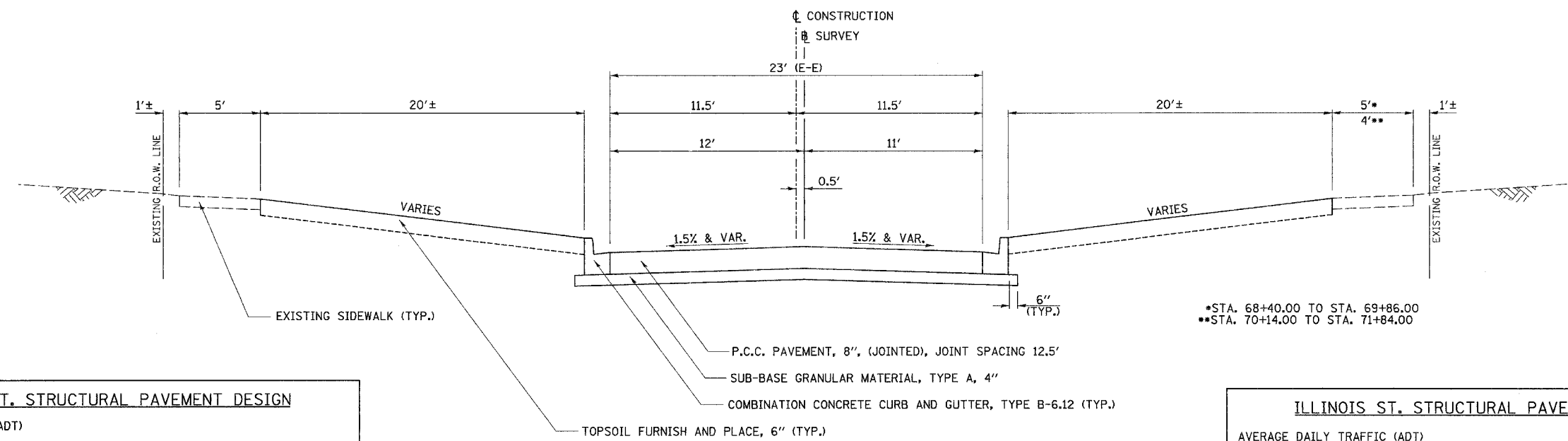


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6145	01-00590-00-BR	LoSALLE	168	12
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 3		ILLINOIS FEDERAL AID PROJECT		
CONTRACT NO. 87293				



•STA. 68+40.00 TO STA. 69+86.00  
 ••STA. 70+14.00 TO STA. 71+84.00

**SHABBONA ST. STRUCTURAL PAVEMENT DESIGN**

AVERAGE DAILY TRAFFIC (ADT)  
 YEAR: ADT  
 2006 763  
 2016 871  
 2026 979

CLASS III ROAD  
 SUB-GRADE SUPPORT RATING: POOR  
 PERCENT OF S.D.T. IN DESIGN LANE: 50%  
 STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2016  
 P.V. = 766 S.U. = 61 M.U. = 44

TRAFFIC FACTOR = 0.27 (MIN. 0.50)

PAVEMENT STRUCTURE MATERIALS RECONSTRUCTION:  
 SURFACE COURSE TYPE: P.C.C. PAVEMENT, 8", (JOINTED), JOINT SPACING 12.5'  
 SUB-BASE TYPE: SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

**ILLINOIS ST. STRUCTURAL PAVEMENT DESIGN**

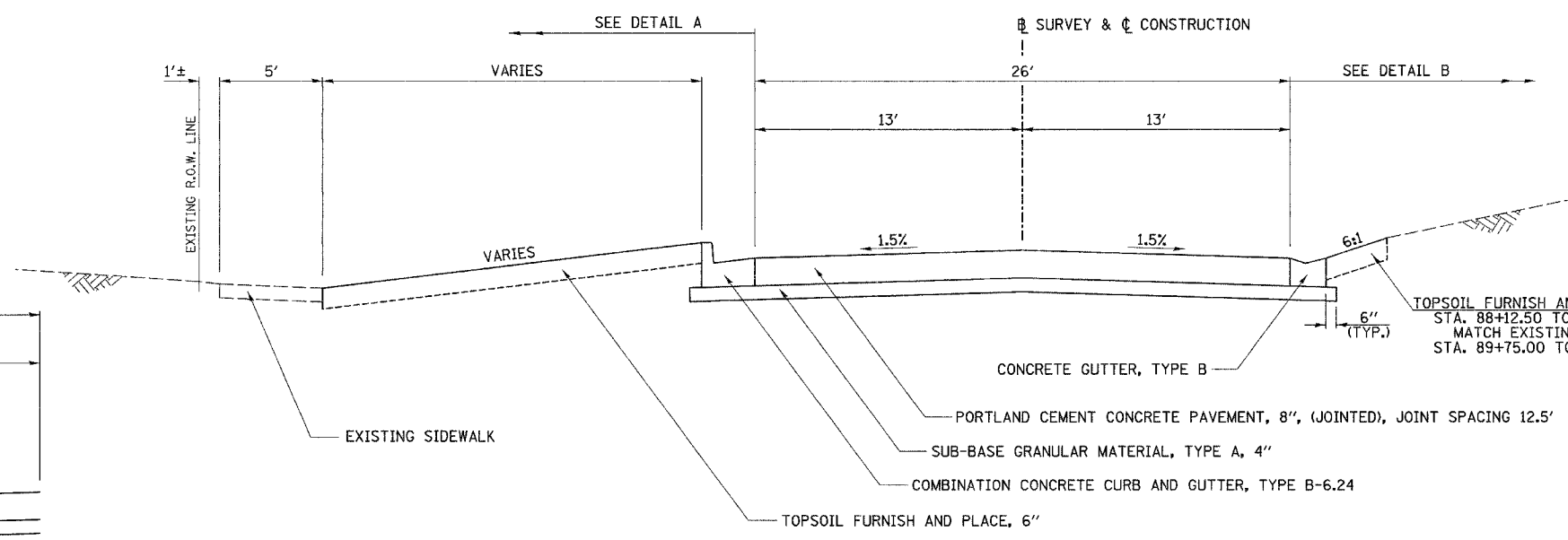
AVERAGE DAILY TRAFFIC (ADT)  
 YEAR: ADT  
 2006 541  
 2016 617  
 2026 694

CLASS III ROAD  
 SUB-GRADE SUPPORT RATING: POOR  
 PERCENT OF S.D.T. IN DESIGN LANE: 50%  
 STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2016  
 P.V. = 543 S.U. = 43 M.U. = 31

TRAFFIC FACTOR = 0.23 (MIN. 0.50)

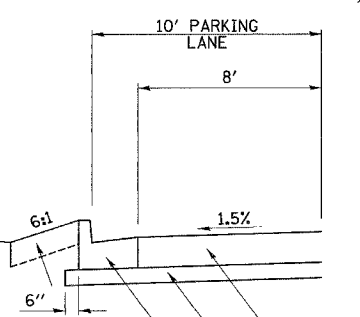
PAVEMENT STRUCTURE MATERIALS RECONSTRUCTION:  
 SURFACE COURSE TYPE: P.C.C. PAVEMENT, 8", (JOINTED), JOINT SPACING 12.5'  
 SUB-BASE TYPE: SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

**PROPOSED TYPICAL SECTION  
 SHABBONA ST.**  
 STA. 68+37.58 TO STA. 69+86.00  
 STA. 70+14.00 TO STA. 71+96.93

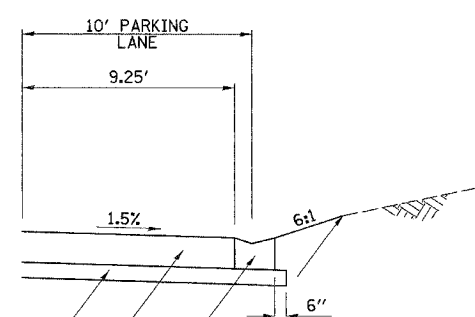


TOPSOIL FURNISH AND PLACE, 6" (RT.)  
 STA. 88+12.50 TO STA. 89+75.00  
 MATCH EXISTING AGGREGATE  
 STA. 89+75.00 TO STA. 90+61.94

**PROPOSED TYPICAL SECTION  
 ILLINOIS ST.**  
 STA. 88+12.88 TO STA. 92+50.90



**DETAIL A**  
 STA. 90+87.63 TO STA. 91+09.48  
 STA. 92+26.36 TO STA. 92+50.90



**DETAIL B**  
 STA. 90+61.94 TO STA. 92+50.90