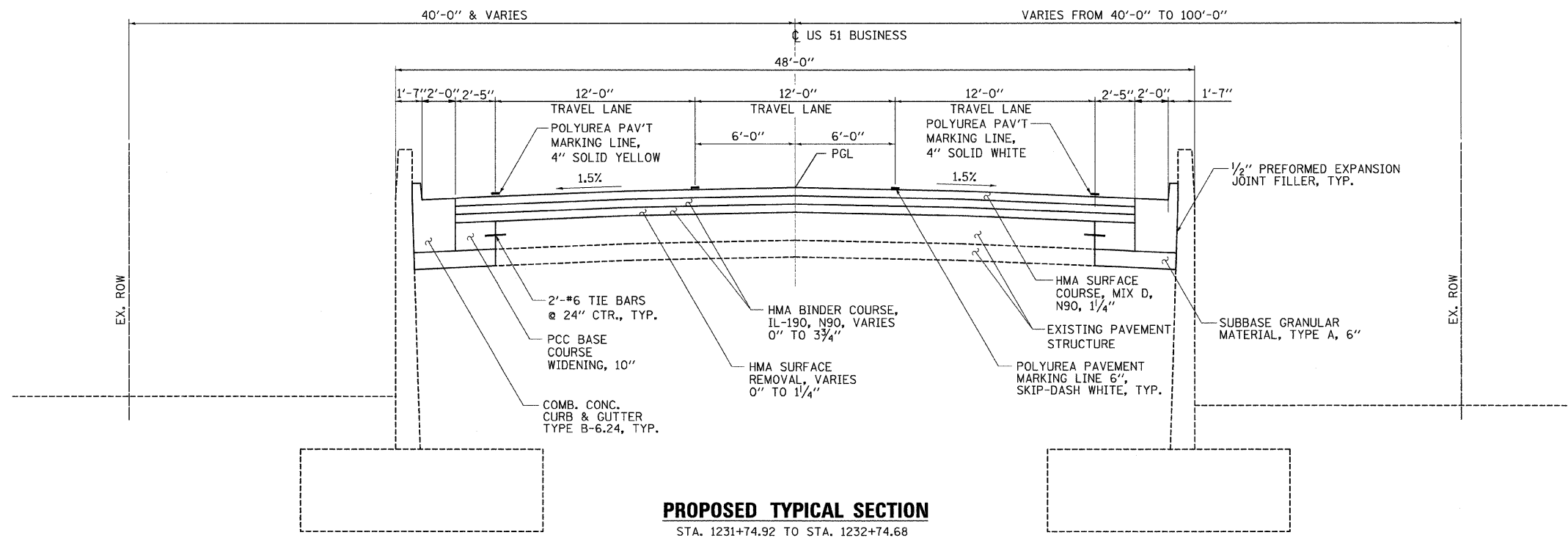


**PROPOSED TYPICAL SECTION**  
STA. 1230+20.87 TO STA. 1231+74.92



**PROPOSED TYPICAL SECTION**  
STA. 1231+74.92 TO STA. 1232+74.68

**U.S. 51 BUSINESS**  
PAVEMENT DESIGN DATA  
(RIGID PAVEMENT-MODIFIED AASHTO)  
STRUCTURAL DESIGN TRAFFIC - 2031 ADT=19,334  
PV = 17,903 SU = 1,044 MU = 387  
ROAD/STREET CLASSIFICATION: CLASS I

DESIGN TRAFFIC IN DESIGN LANE:  
P = 50% S = 50% M = 50%  
T.F. = D.P.  $\left[ \frac{0.15(P)(PV)+143.81(S)(SU)+696.42(M)(MU)}{1,000,000} \right]$   
T.F. = 4.22

PAVEMENT THICKNESS (FIG. 54-4J)  
10" P.C.C. PAVEMENT

PAVEMENT THICKNESS PROVIDED  
10" P.C.C. PAVEMENT (JOINTED)  
4" GRANULAR SUBBASE

SUBBASE SUPPORT RATING  
SSR = POOR (IBR=2)

FILE NAME = X:\ARCHIVE\2007\07\07\RoadPlans\17-Typical\_Section.dgn



USER NAME = mej	DESIGNED - JLF	REVISED -
PLLOT SCALE = 4,0000' / IN.	DRAWN - JDK	REVISED -
PLLOT DATE = 3/12/2010	CHECKED - DAR/TLO	REVISED -
	DATE - 09/24/2009	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(50Z-VB) BR	MACON	79	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74215	