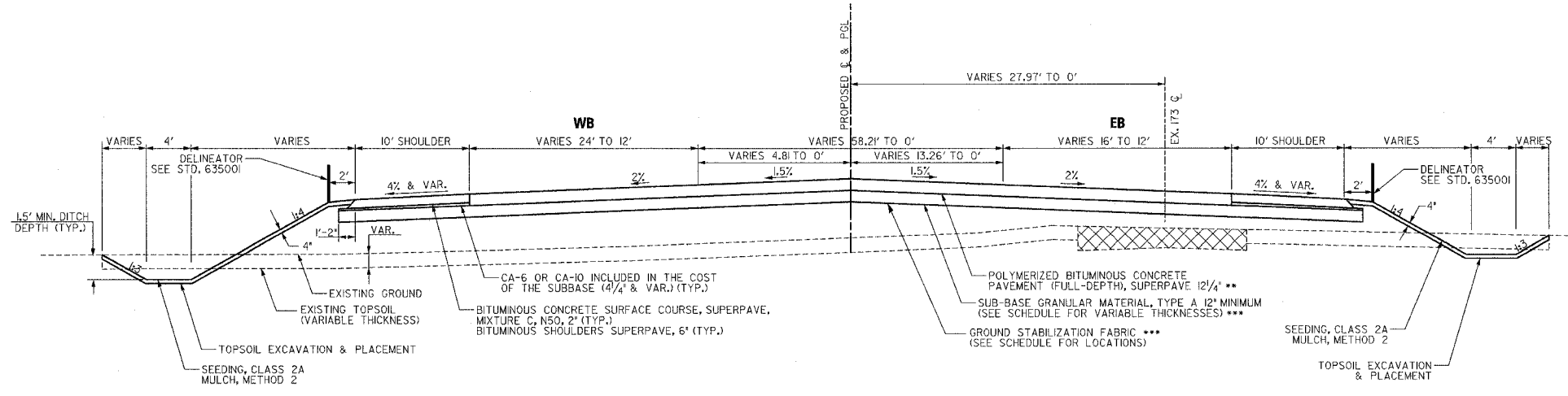


TYPICAL SECTIONS - ILLINOIS ROUTE 173

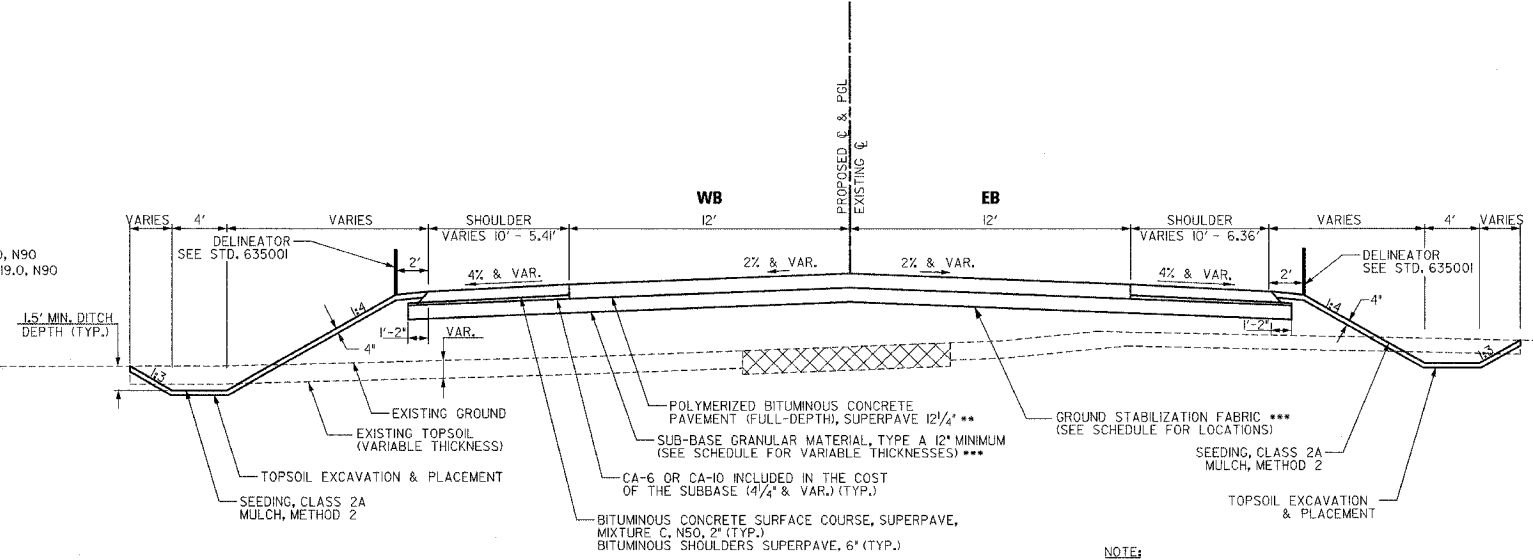
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



ILLINOIS ROUTE 173 - EAST END
STA. 222+04.13 - 229+14.10

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT	
IL 173	
STRUCTURAL DESIGN TRAFFIC:	YEAR: 2015
IL 173:	SU=510 MU=250
PV=18140	
PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE:	
P=32%	S=45% M=45%
TRAFFIC FACTOR:	
Actual TF=1.71	Minimum TF=4.27
AC Type=20	AC Mixture Temp.=76.3 F
AC Mixture Modulus=642.5 KSI	Design Strain=66 Micro strain
AC Grade: Binder=SBSPG70-22	Surface=SBSPG70-22
Flexible Pavement Thickness=12 1/4"	
Surface=2"	Binder=10 1/4"
Sub grade Support Rating: POOR (STA 142+32.87 to STA 231+14.1)	

- * WEIGHT OF BITUMINOUS MATERIAL = #2 LBS/IN² FOR MIX "C" AND "D"
- ** 2" POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
- 10-1/4" POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL 19.0, N90



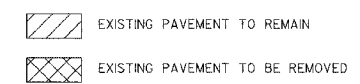
ILLINOIS ROUTE 173 - EAST END
STA. 229+14.10 - 231+14.10

NOTE:
LEFT SIDE SHOULDER TAPERS FROM 10' TO 5.4' (EXISTING) STA. 230+14.08 TO 231+14.10
RIGHT SIDE SHOULDER TAPERS FROM 10' TO 6.36' (EXISTING) STA. 230+14.08 TO 231+14.10

***** ILLINOIS ROUTE 173 SUB-BASE GRANULAR MATERIAL, TYPE A**

LOCATION	DEPTH
STA. 142+33 TO 149+50	18" with GSF
STA. 151+50 TO 153+50	12" with GSF
STA. 153+50 TO 158+00	18" with GSF
STA. 167+50 TO 185+50	18" with GSF
STA. 188+50 TO 193+00	18" with GSF
STA. 193+00 TO 204+50	24" with GSF
STA. 204+50 TO 214+50	18" with GSF
STA. 220+00 TO 231+04	18" with GSF

GSF: Ground Stabilization Fabric



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS - ILLINOIS ROUTE 173
SCALE: VERT. N/A
 HORIZ. N/A
DATE: SEPTEMBER 14, 2005
DRAWN BY: BSL
CHECKED BY: PDS