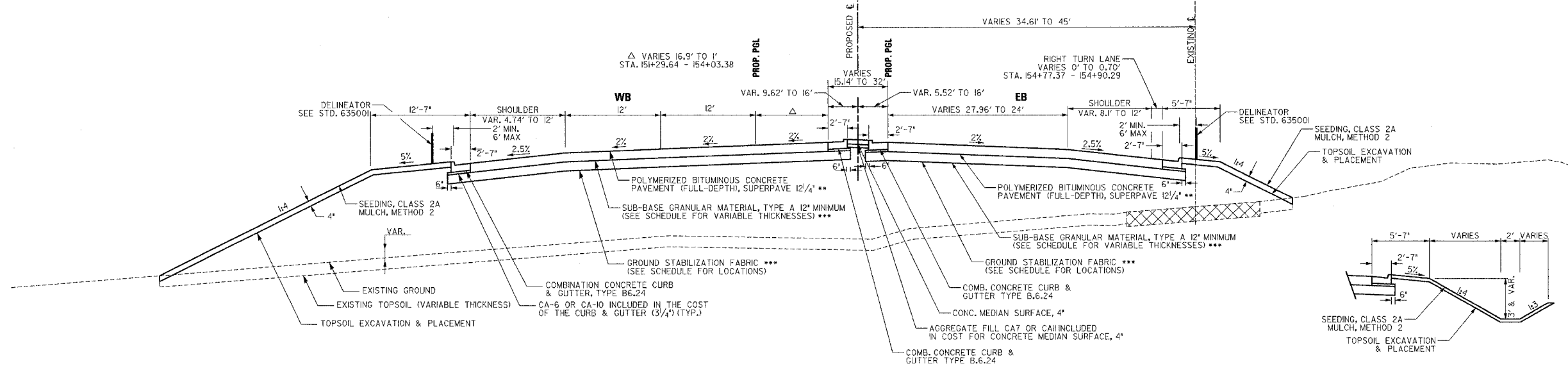


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL SECTIONS - ILLINOIS ROUTE 173

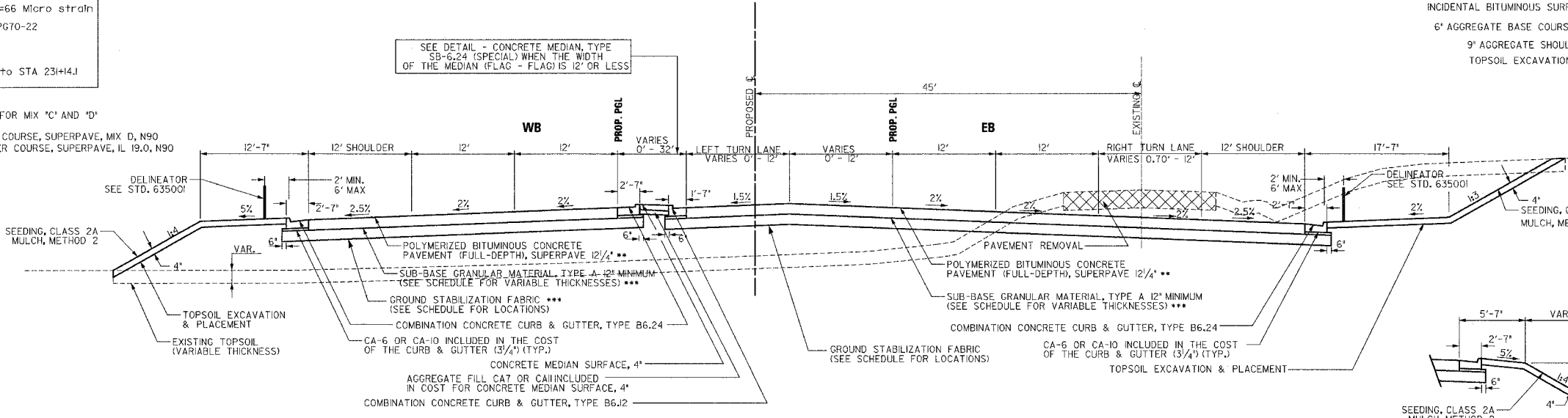


ILLINOIS ROUTE 173 - WEST END
STA. 151+29.84 - 154+90.29

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT
IL 173

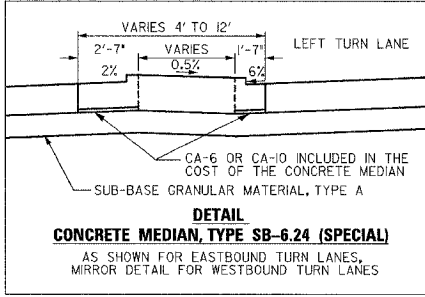
STRUCTURAL DESIGN TRAFFIC:	YEAR: 2015
IL 173:	SU=510 MU=250
PV=18140	
PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE:	
P=32%	S=45% M=45%
TRAFFIC FACTOR:	Minimum TF=4.27
Actual TF=1.71	
AC Type=20	AC Mixture Temp.=76.3 F
AC Mixture Modulus=642.5 KSI	Design Strain=66 Micro strain
AC Grade: Binder=SBSPG70-22	Surface=SBSPG70-22
Flexible Pavement Thickness=12 1/4"	
Surface=2"	Binder=10 1/4"
Sub grade Support Rating: P00R	(STA 142+32.87 to STA 231+14)

- * 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 EASTBOUND TURN LANES

- STA. 154+90.29 TO 180+46.05 (RIGHT TURN - ROCK CUT STATE PARK)
- STA. 174+91.66 TO 180+79.87 (LEFT TURN - RAMP B)
- STA. 192+20.99 TO 197+97.00 (LEFT TURN - RAMP C)
- STA. 207+06.14 TO 212+20.89 (LEFT TURN - LYFORD NORTH)



DETAIL CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)

AS SHOWN FOR EASTBOUND TURN LANES, MIRROR DETAIL FOR WESTBOUND TURN LANES

***** 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

- EXISTING PAVEMENT TO REMAIN
- EXISTING PAVEMENT TO BE REMOVED

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