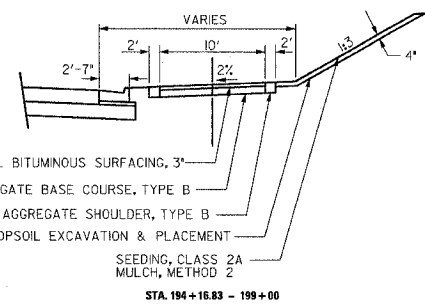
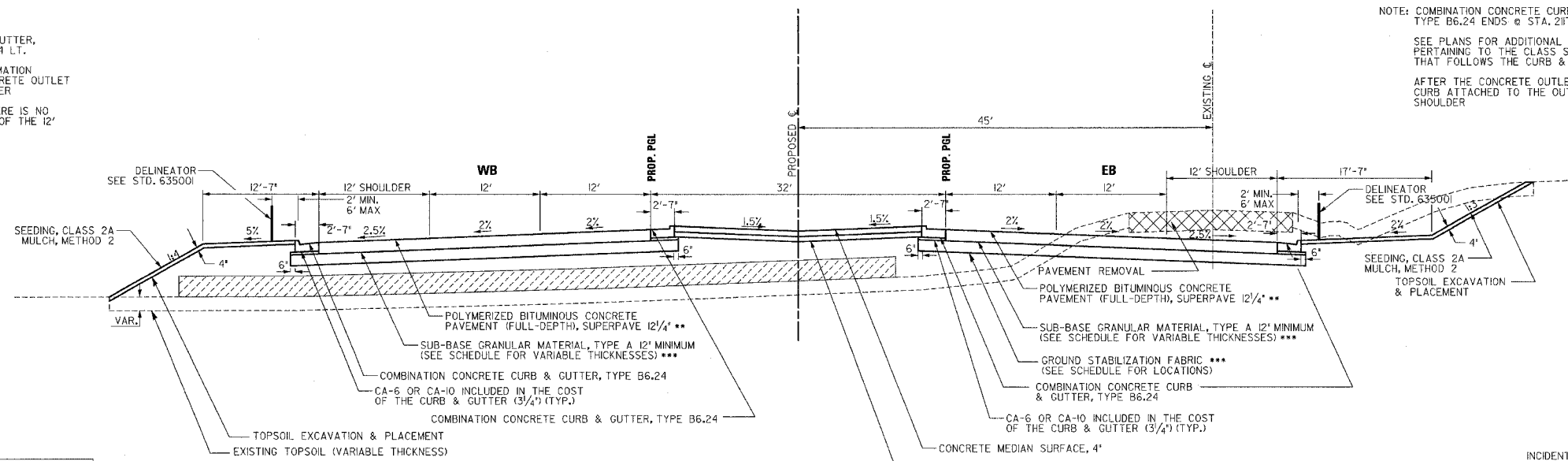


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL SECTIONS – ILLINOIS ROUTE 173

NOTE: COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24 ENDS @ STA. 216+96.04 LT.
 SEE PLANS FOR ADDITIONAL INFORMATION PERTAINING TO THE CLASS 5 CONCRETE OUTLET THAT FOLLOWS THE CURB & GUTTER
 AFTER THE CONCRETE OUTLET, THERE IS NO CURB ATTACHED TO THE OUTSIDE OF THE 12' SHOULDER

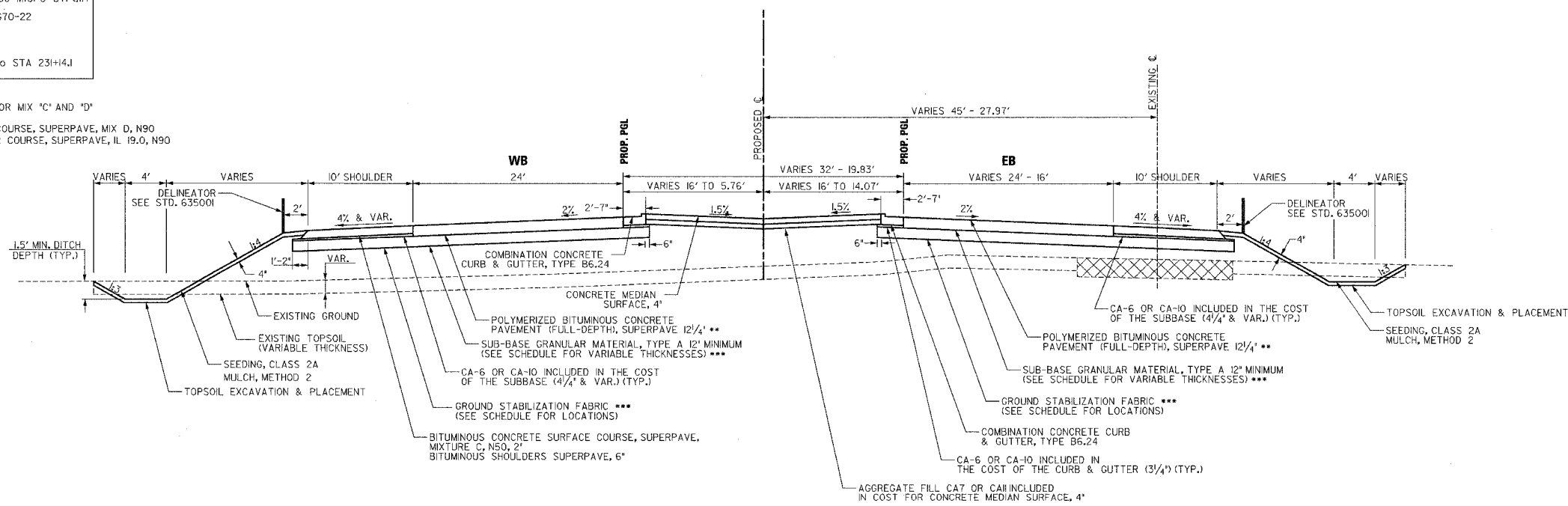
NOTE: COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24 ENDS @ STA. 217+20.09 RT.
 SEE PLANS FOR ADDITIONAL INFORMATION PERTAINING TO THE CLASS 5 CONCRETE OUTLET THAT FOLLOWS THE CURB & GUTTER
 AFTER THE CONCRETE OUTLET, THERE IS NO CURB ATTACHED TO THE OUTSIDE OF THE 12' SHOULDER



STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT	
IL 173	
STRUCTURAL DESIGN TRAFFIC:	YEAR: 2015
IL 173:	SU=510 MU=250
Pv=18/40	
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: P00R	(STA 142+32.87 to STA 231+14J)

ILLINOIS ROUTE 173
 STA. 166 + 02.88 TO 174 + 51.66
 STA. 186 + 52.18 TO 192 + 20.09
 STA. 202 + 34.39 TO 207 + 06.14
 STA. 217 + 37.72 TO 218 + 40.89

- * WEIGHT OF BITUMINOUS MATERIAL = 12 LBS/SQ.YD 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. 218 + 40.89 - 222 + 04.13

***** 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

- BREAKER-RUN CRUSHED STONE, 2" DEPTH STA. 185+00 TO 187+50 (VARIABLE WIDTH) - SEE CROSS SECTIONS
- 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