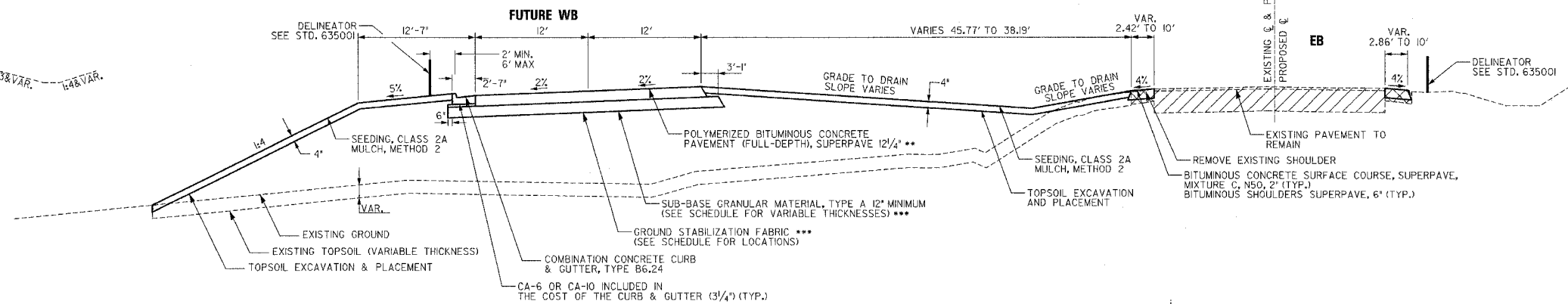
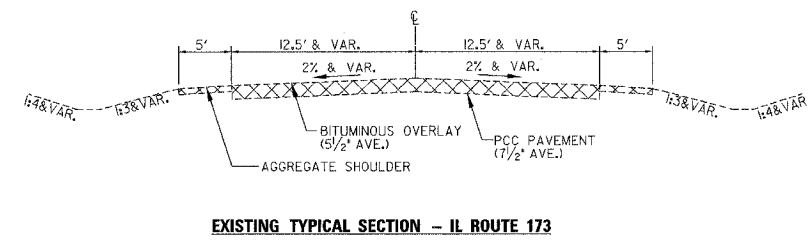


TYPICAL SECTIONS – ILLINOIS ROUTE 173

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STRUCTURAL DESIGN INFORMATION – FLEXIBLE PAVEMENT
IL 173

STRUCTURAL DESIGN TRAFFIC: YEAR: 2015
PV=3840 SU=510 MU=250

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

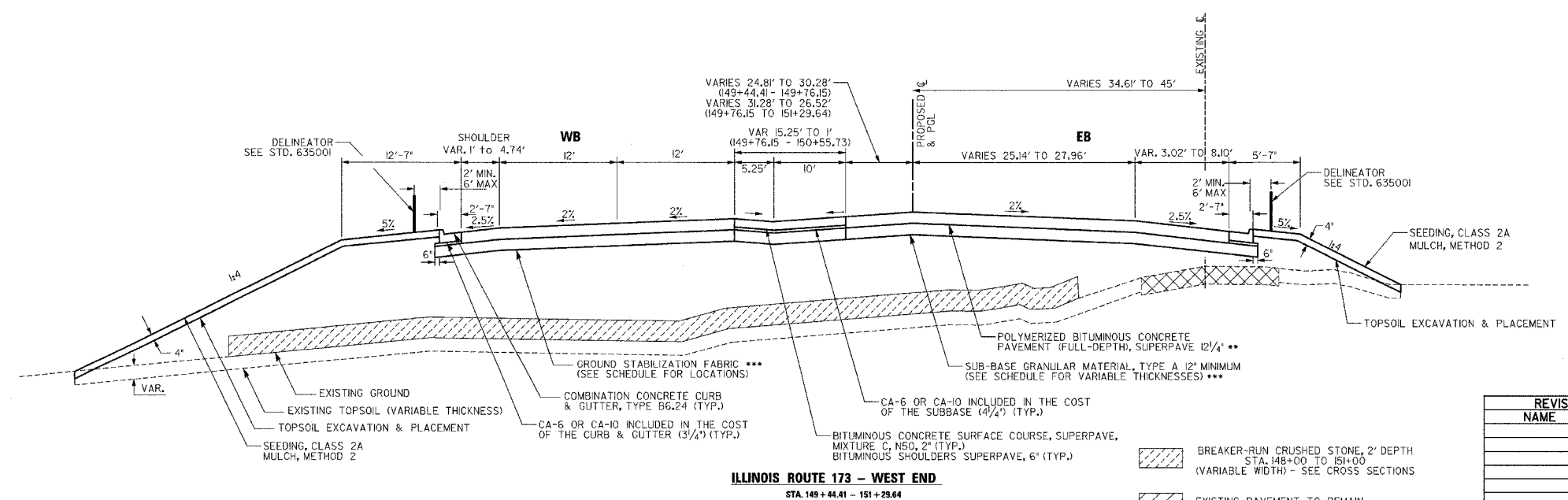
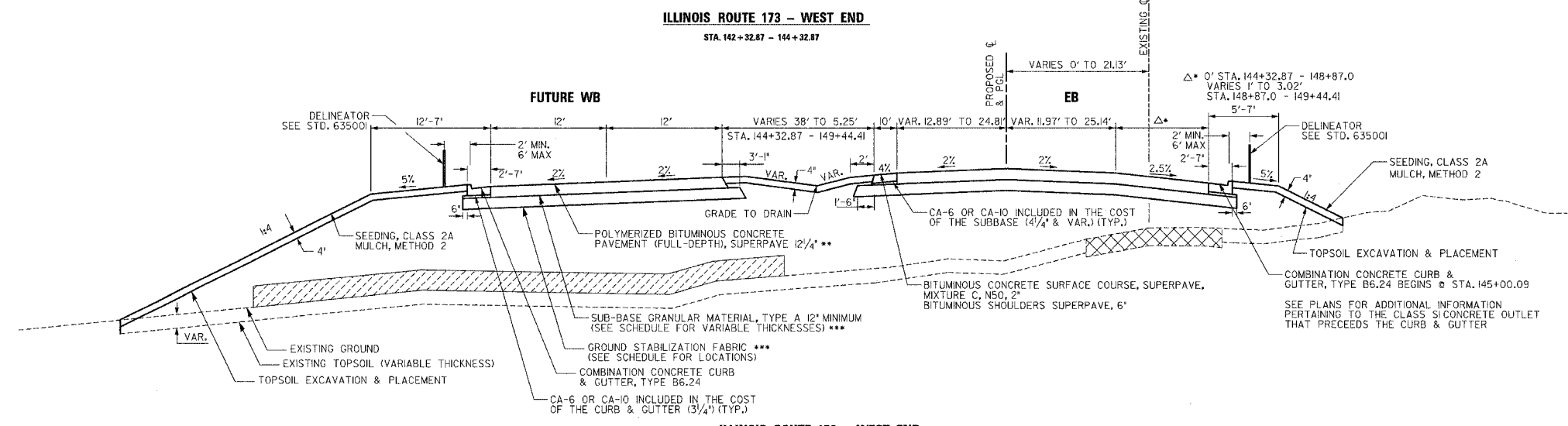
AC Mixture Modulus=642.5 KSI Design Strain=66 Micro strain

AC Grader: Binder=SBS PG70-22 Surface=SBS PG70-22

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 = 112 LBS/IN² SY 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
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 (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