

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 553 | 120RS-3 | OGLE | 145 | 9 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

TYPICAL SECTIONS

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT

STRUCTURAL DESIGN TRAFFIC: YEAR: 2015

PV=4150 SU=475 MU=475

PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE:
P=50% S=50% M=50%

TRAFFIC FACTOR:
Actual TF=2.37 Minimum TF=3.81

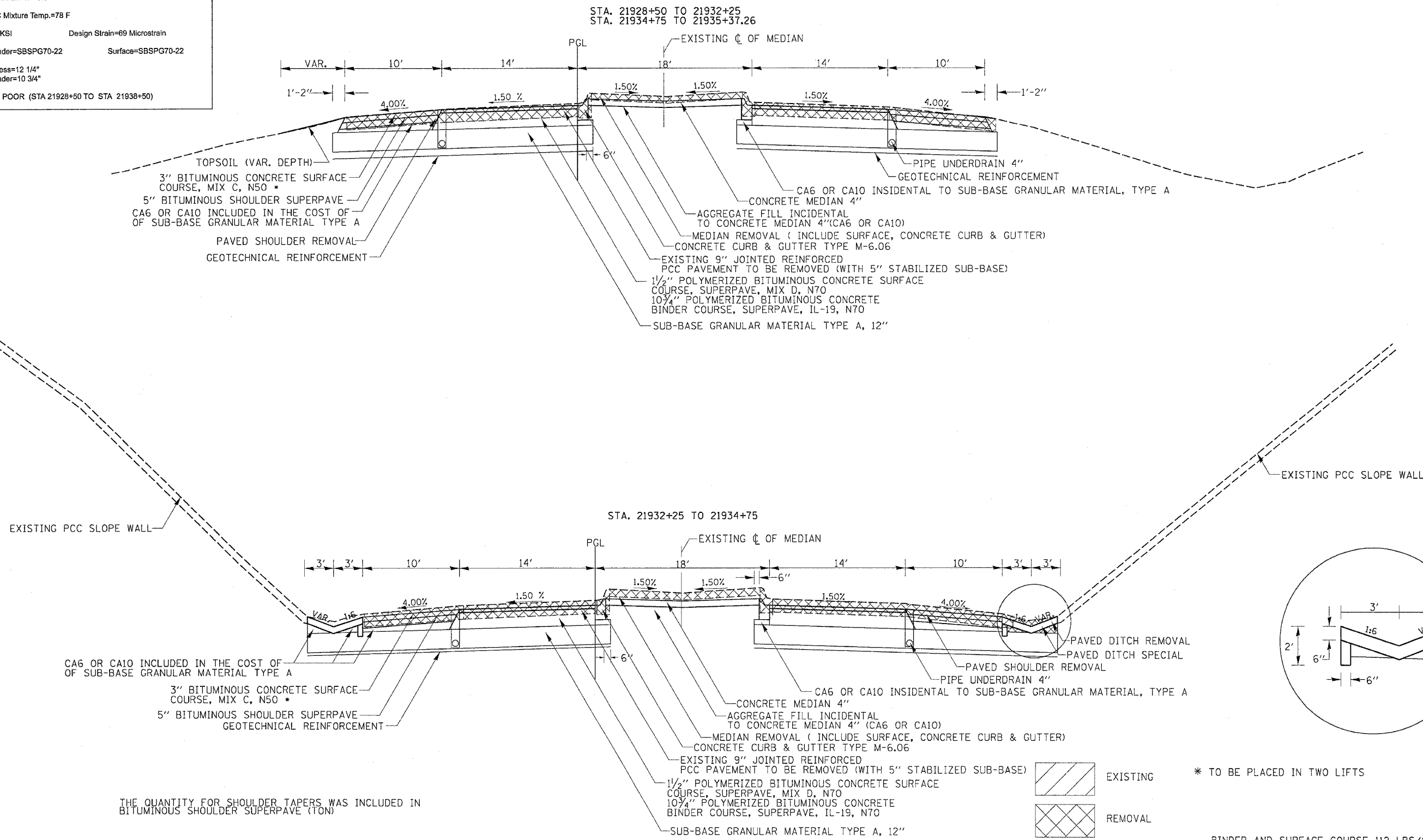
AC Type=20 AC Mixture Temp.=78 F

AC Mixture Modulus=800 KSI Design Strain=69 Microstrain

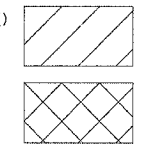
AC Grade: Binder=SBSPG70-22 Surface=SBSPG70-22

Flexible Pavement Thickness=12 1/4"
Surface=1 1/2" Binder=10 3/4"

Subgrade Support Rating: POOR (STA 21928+50 TO STA 21938+50)



THE QUANTITY FOR SHOULDER TAPERS WAS INCLUDED IN BITUMINOUS SHOULDER SUPERPAVE (TON)



* TO BE PLACED IN TWO LIFTS

BINDER AND SURFACE COURSE 112 LBS/SY/IN

PLOT DATE = Mon Mar 28 14:26:08 2005
FILE NAME = c:\p\proj\120rs\120rs\120rs.dgn
PLOT SCALE = 50.0000 / 1 IN.
REFERENCE = SHEET