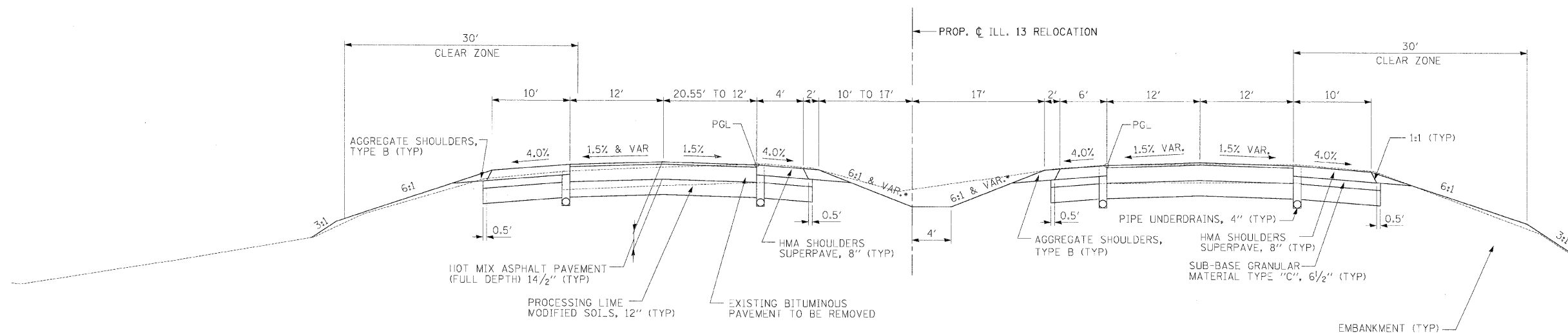


FAP R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, BX-1, 4-2	SALINE	220	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

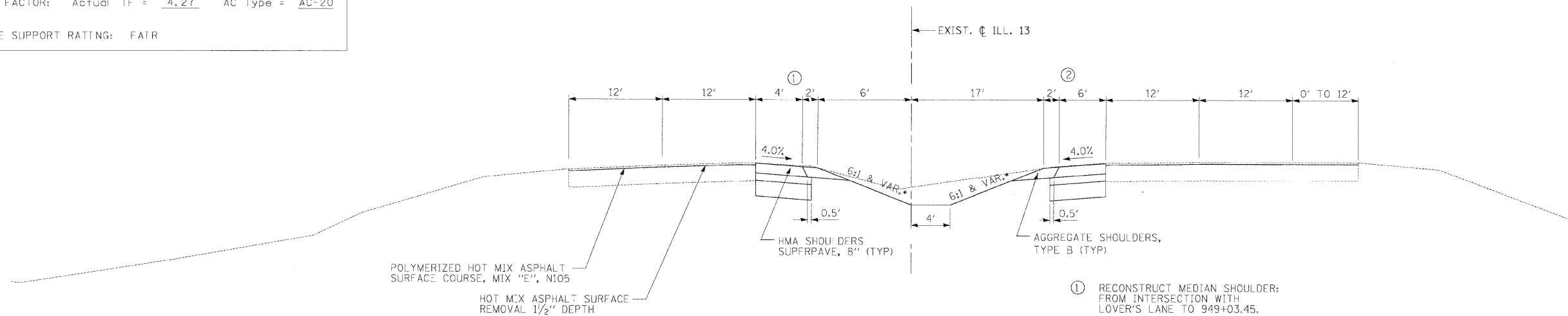
TYPICAL SECTIONS  
PROPOSED ILL. 13 RELOCATION



TO BE USED: STA. 949+03.45 TO 950+83.65

STRUCTURAL DESIGN TRAFFIC:	Year	2022
PV = 25,670	SU = 545	MU = 545
ROAD/STREET CLASSIFICATION:	Class	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 0.32	S = 0.45	M = 0.45
TRAFFIC FACTOR: Actual TF = 4.27	AC Type = AC-20	
SUBGRADE SUPPORT RATING: FAIR		

• FOR SIDE SLOPES SEE CROSS-SECTIONS



TO BE USED: STA. 949+00.00 TO 949+03.45

- ① RECONSTRUCT MEDIAN SHOULDER: FROM INTERSECTION WITH LOVER'S LANE TO 949+03.45.
- ② RECONSTRUCT MEDIAN SHOULDER AND REGRADE MEDIAN: FROM 941+00 TO INTERSECTION WITH LOVER'S LANE AND FROM INTERSECTION WITH LOVER'S LANE TO 949+03.45.

• FOR SIDE SLOPES SEE CROSS-SECTIONS

MIXTURE REQUIREMENTS:  
THE FOLLOWING BITUMINOUS MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATIONS	MIXTURE USE	AC/PG	RAP% (MAX)	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICION AGGREGATE
HOT MIX ASPHALT SURFACE COURSE	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N105	SBS PG76-22	0	4.0% 105 GYRATIONS DESIGN	IL-9.5 MM OR IL-12.5 MM	D SURFACE Δ
HOT MIX ASPHALT BINDER COURSE (TOP LEFT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N105, IL-19.0	SBS PG76-22	0	4.0% 105 GYRATIONS DESIGN	IL-19.0 MM	NONE
HOT MIX ASPHALT BINDER COURSE (LOWER LEFT) AND TEMPORARY PAVEMENT LEVELING BINDER	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0	PG 64-22	10	4.0% 90 GYRATIONS DESIGN	IL-19.0 MM	NONE
HOT MIX ASPHALT SURFACE COURSE (OLD ILL 13 CONNECTOR)	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90	PG 64-22	10	4.0% 90 GYRATIONS DESIGN	IL-9.5 MM OR IL-12.5 MM	NONE
HOT MIX ASPHALT SURFACE COURSE (OLD ILL 13 CONNECTOR)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90	SBS PG76-22	0	4.0% 90 GYRATIONS DESIGN	IL-9.5 MM OR IL-12.5 MM	D SURFACE
HOT MIX ASPHALT BINDER COURSE (TOP LEFT OF OLD ILL 13 CONNECTOR)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0	SBS PG76-22	0	4.0% 90 GYRATIONS DESIGN	IL-19.0 MM	NONE

NOTES:

- 1) THE HOT MIX ASPHALT PAVEMENT (FULL DEPT-H) WILL INCLUDE 1.5" SUPERPAVE SURFACE COURSE, MIX E

NOT TO SCALE