

CONTRACT NO. 98631				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1-2, 31B	SALINE	199	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL SECTIONS
U.S. 45

NOMINAL THICKNESS FOR EACH LIFT OF BINDER MUST BE AS FOLLOWS:

13" BINDER	
1st LIFT	5" (MAX.)
2nd LIFT	3"
3rd LIFT	3"
4th LIFT	2" (MAX.)

STRUCTURAL DESIGN TRAFFIC: Year 2022

PV = 25,670 SU = 545 MU = 545

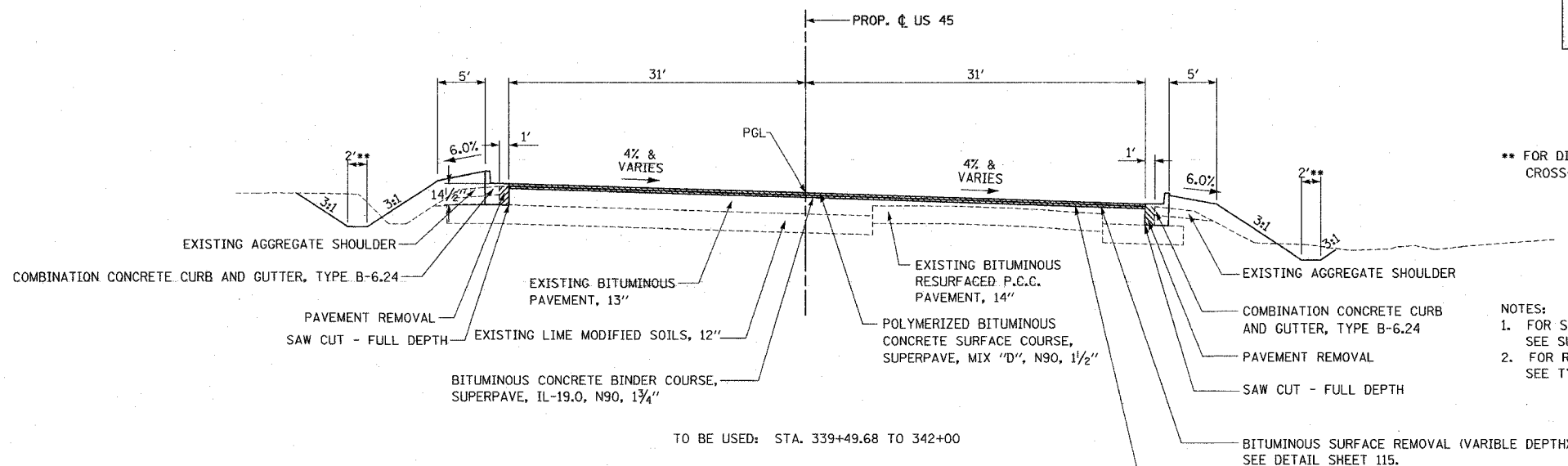
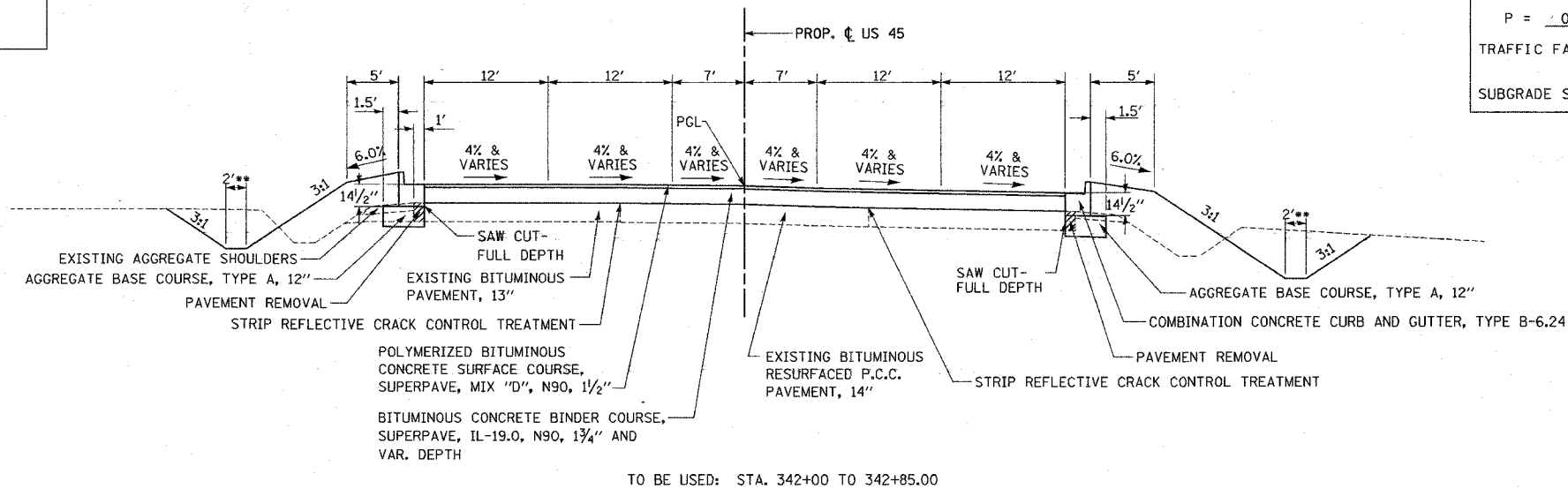
ROAD/STREET CLASSIFICATION: Class I

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



LEGEND:

	REMOVAL
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** FOR DITCH LOCATION SEE CROSS-SECTIONS.

- NOTES:
- FOR SUPERELEVATION TRANSITION SEE SUPERELEVATION DETAIL SHEET 85.
 - FOR RIGHT TURN LANE DETAIL SEE TYPICAL SECTION SHEET 14.

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

MIXTURE USE	AC/PG	RAP%(MAX)	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
SUPERPAVE SURFACE COURSE, MIX D	SBS PG70-22	0	4.0%, 90 GYRATIONS SUPERPAVE DESIGN	IL-9.5MM OR IL-12.5MM	D SURFACE
SUPERPAVE BINDER COURSE, MIX B	PG 64-22	10	4.0%, 90 GYRATIONS SUPERPAVE DESIGN	IL-19.0	NONE
SHOULDERS	PG 58-22	50	2.0%, 30 GYRATIONS SUPERPAVE DESIGN	BITUMINOUS AGGREGATE MIXTURE, SUPERPAVE	NONE
CLASS D PATCHES	PG 64-22	10	4.0%, 90 GYRATIONS SUPERPAVE DESIGN	IL-19.0	NONE

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