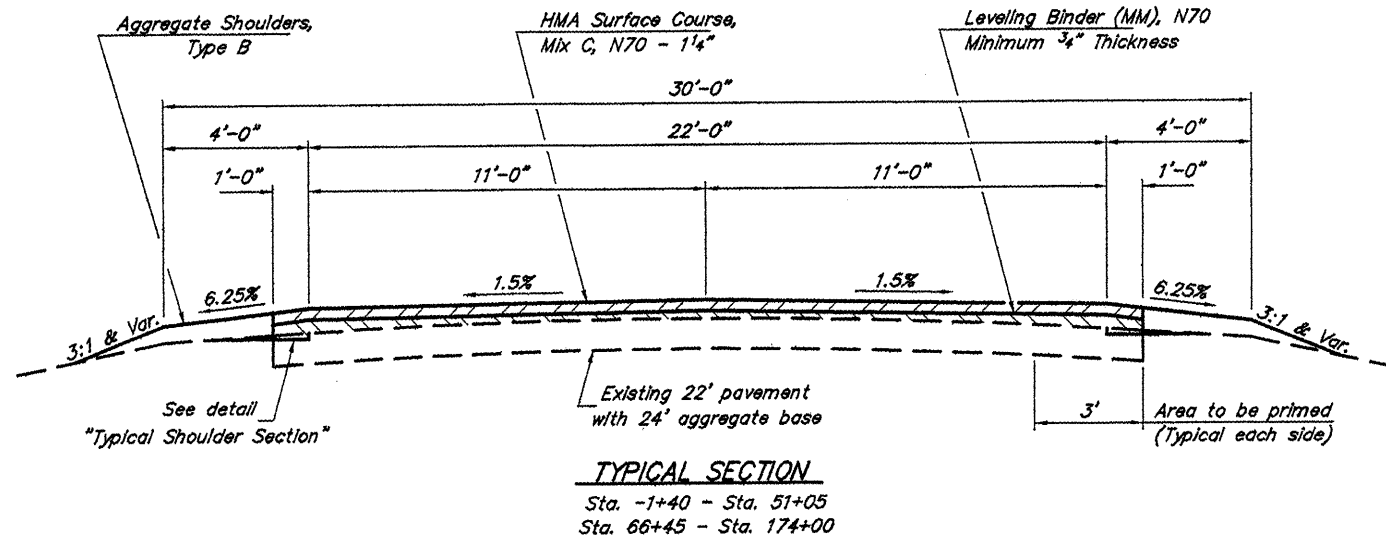
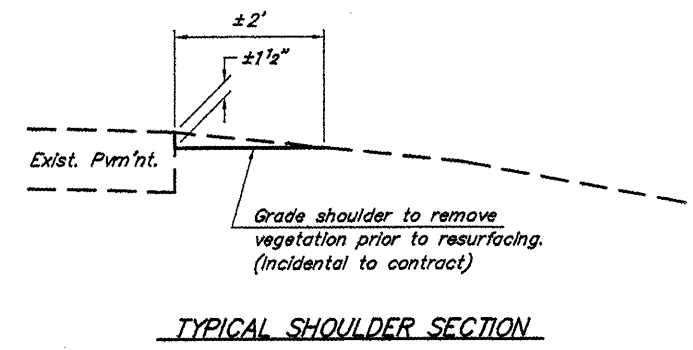
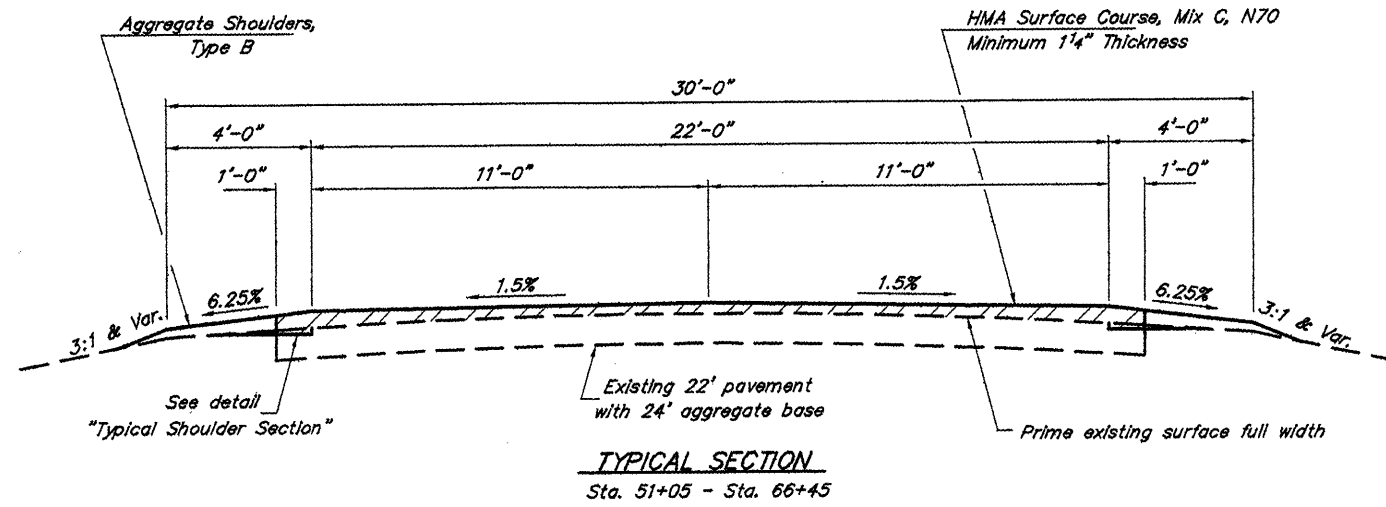


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 898	05-00139-00-RS	SALINE	15	2
PROJECT NO. ARA-RS-898 (107)			CONTRACT NO. 99398	



**GENERAL NOTES**

The existing surface shall be primed as shown on the typical section.  
Milled areas shall be primed full width.  
Prime shall be applied at the rates shown below.  
Factors used for quantity calculations are as follows:  
Hot-Mix Asphalt ..... 112.0 Lbs./Sq. Yd./Inch  
Aggregate ..... 2.025 Tons/Cu. Yd.  
Bit. Matis. (Prime Coat) ..... 0.10 Gals./Sq. Yd.  
Aggregate (Prime Coat) ..... 3.0 Lbs./Sq. Yd.

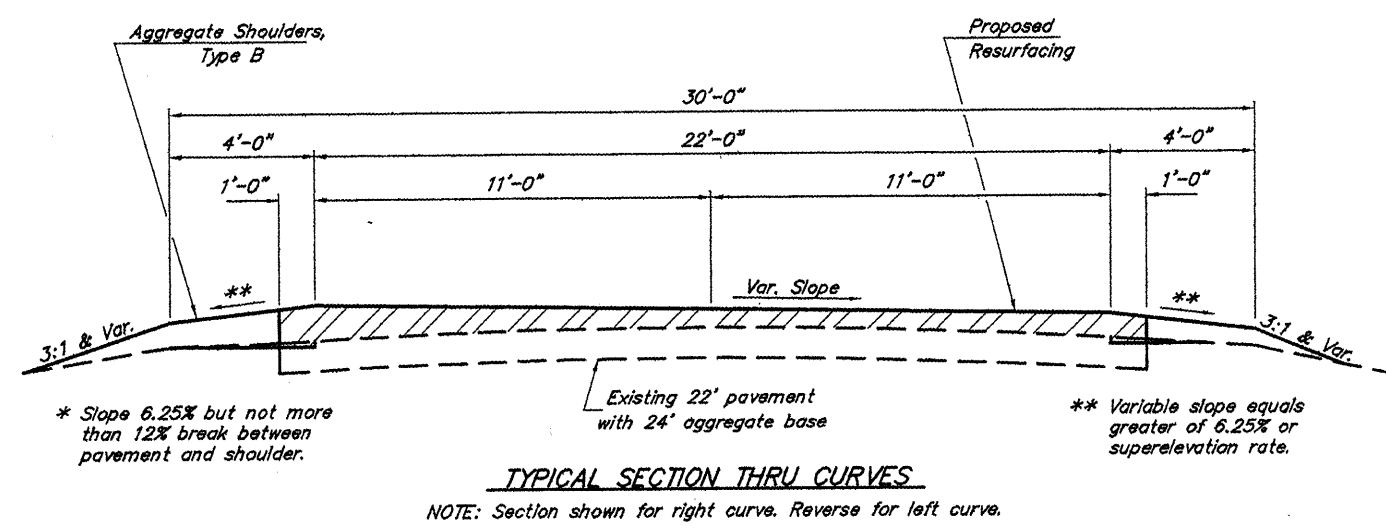


**STRUCTURAL DESIGN DATA**

**STA. -2+00 - STA. 65+00**  
Class III Roadway  
Design Period - 20 Years  
PC 1580 IBR 3.8  
SU 70 TF 0.2709  
MU 50 DT 3.199

**STA. 65+00 - STA. 174+00**  
Class III Roadway  
Design Period - 20 Years  
PC 1490 IBR 3.8  
SU 60 TF 0.2598  
MU 50 DT 3.181

**MATERIAL COEFFICIENT**  
Exist. Crushed Stone Base - 0.11  
Exist. Oil & Chip Surface - 0.15  
Existing Class I Surface - 0.23  
Leveling Binder (MM) - 0.33  
HMA Surface Course - 0.40



**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

Mixture Use:	Leveling Binder (Machine Method), N70
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 70 Gyraton Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	None
Mixture Use:	HMA Surface Course, Mix "C", N70
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 70 Gyraton Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5mm
Friction Aggregate:	C Surface