

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 946	05-00074-00-RS	ALEXANDER	15	2
PROJECT NO. RS-946 (106)			CONTRACT NO. 99287	

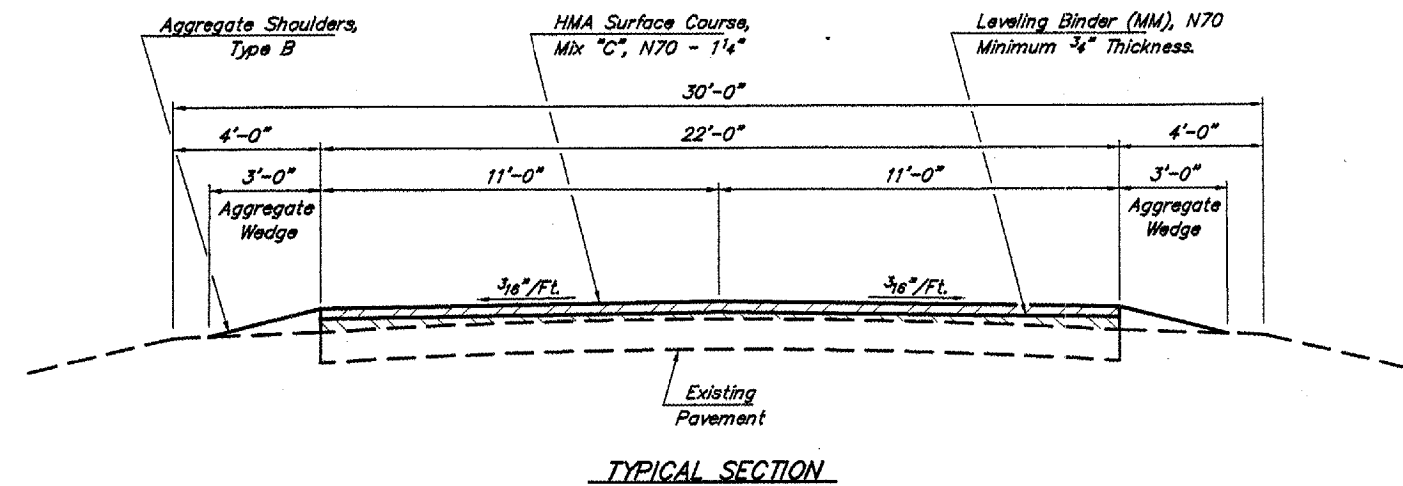
**GENERAL NOTES**

Grade corrections for crown or superelevations shall be constructed with leveling binder prior to the first full lift.

The existing surface shall be primed the full width of the roadway.

Factors used for quantity calculations are as follows:

Hot-Mix Asphalt .....	112.0	Tons/Sq. Yd./Inch
Aggregate .....	2.025	Tons/Cu. Yd.
Bit. Matls. (Prime Coat) .....	0.10	Gals./Sq. Yd.



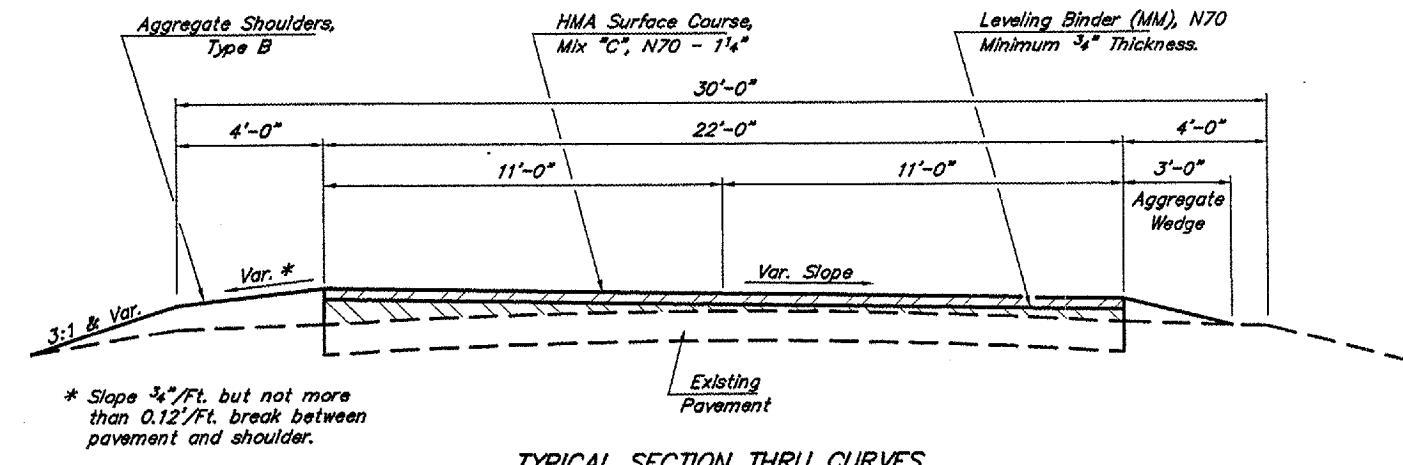
**TYPICAL SECTION**

**STRUCTURAL DESIGN DATA**

Class III Roadway  
 Design Period - 8 Years  
 PC 720 IBR 3.9  
 SU 15 TF 0.0243  
 MU 15 DT 2.187

**MATERIAL COEFFICIENT**

Exist. Crushed Stone Base	- 0.10
Exist. Oil & Chip Surface	- 0.15
Existing Class I Surface	- 0.25
Leveling Binder (MM)	- 0.33
HMA Surface Course	- 0.40



**TYPICAL SECTION THRU CURVES**

NOTE: Section shown for right curve. Reverse for left curve.

**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

**TYPICAL SECTIONS**  
 FAS ROUTE 946  
 SECTION 05-00074-00-RS  
 PROJECT NO. RS-946 (106)  
 ALEXANDER COUNTY