

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 924	09-00062-00-RS	JOHNSON	10	2
PROJECT NO. ARA-RS-924 (124)			CONTRACT NO. 99372	

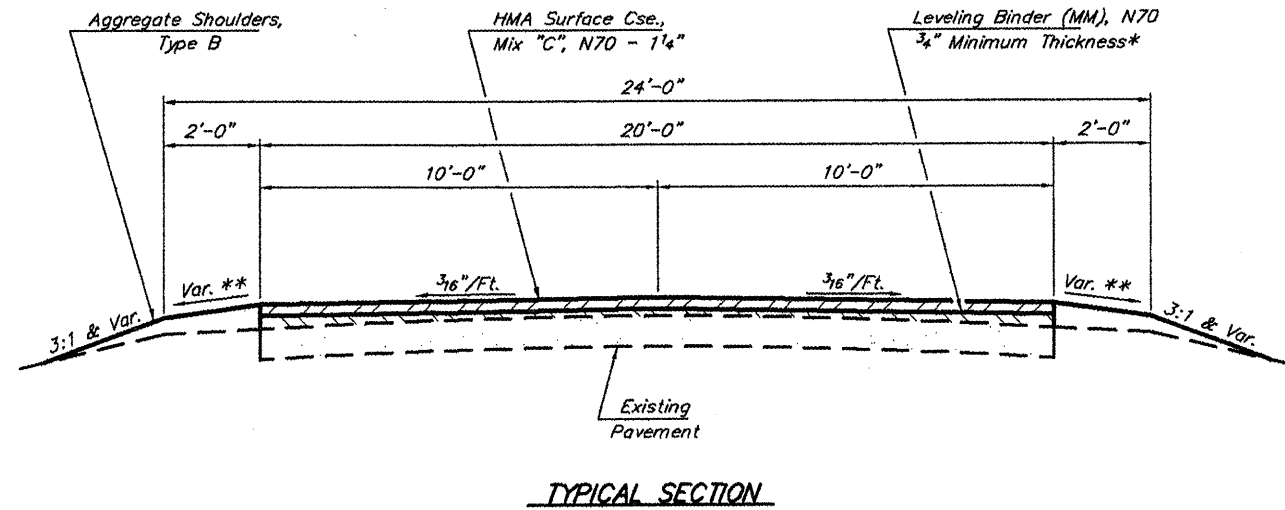
GENERAL NOTES

Crown and superelevation corrections shall be constructed prior to placing the $\frac{3}{4}$ " lift of Leveling Binder. If material thickness will be greater than 3" then Hot-Mix Asphalt Binder Course, IL-19.0, N70 shall be used for the correction as directed by the Engineer. (See Resurfacing Schedule for locations)

Prime shall be applied to the full width of the existing roadway surface at the rates shown below.

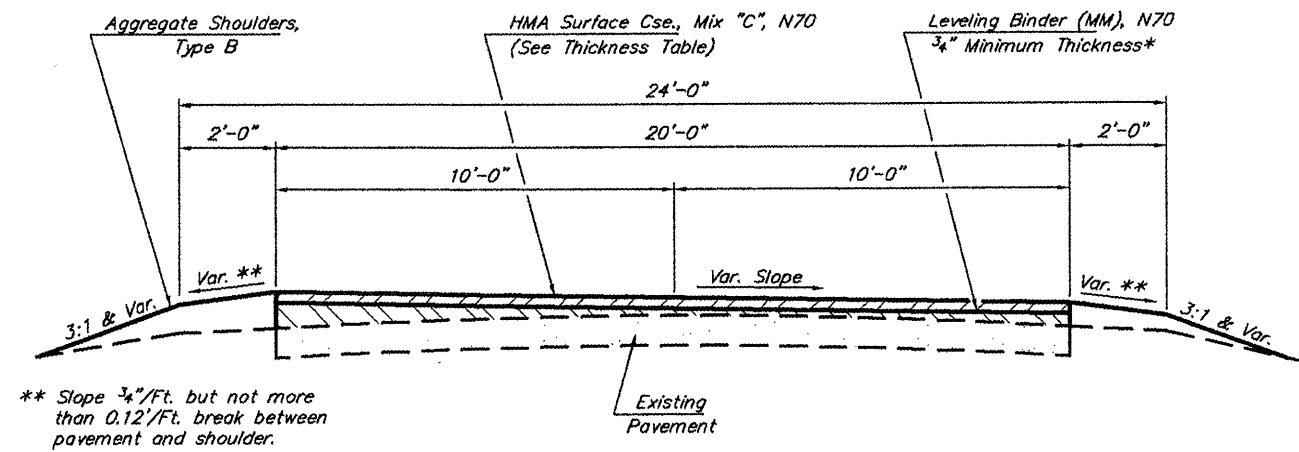
Factors used for quantity calculations are as follows:

All Hot-Mix Asphalt.....	112.0	Lbs./Sq. Yd./Inch
All Aggregate	2.025	Tons/Cu. Yd.
Bit. Matls. (Prime Coat)	0.10	Gals./Sq. Yd.
Aggregate (Prime Coat)	0.0015	Tons/Sq. Yd.



STRUCTURAL DESIGN DATA

Class IV Roadway	
Design Period - 8 Years	
PC 150	IBR 2.5
SU 15	TF 0.0038
MU 10	DT 1.827
Material Coefficient	
Existing Agg. Base Course	- 0.08
Existing Oil & Chip Surface	- 0.15
Existing BMC	- 0.17
Proposed Leveling Binder	- 0.33
Proposed HMA Surface	- 0.40



** Slope $\frac{3}{16}$ "/Ft. but not more than 0.12"/Ft. break between pavement and shoulder.

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use:	HMA Binder Course, IL-19.0, N70
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 70 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None

Mixture Use:	Leveling Binder (Machine Method), N70
PG:	PG64-22
RAP% (Max):	10
Design Air Voids:	4% 70 Gyration 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 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface