

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1930	06-00038-00-RS	POPE	9	2
PROJECT NO. ARA-RS-1930 (119)			CONTRACT NO. 9941B	

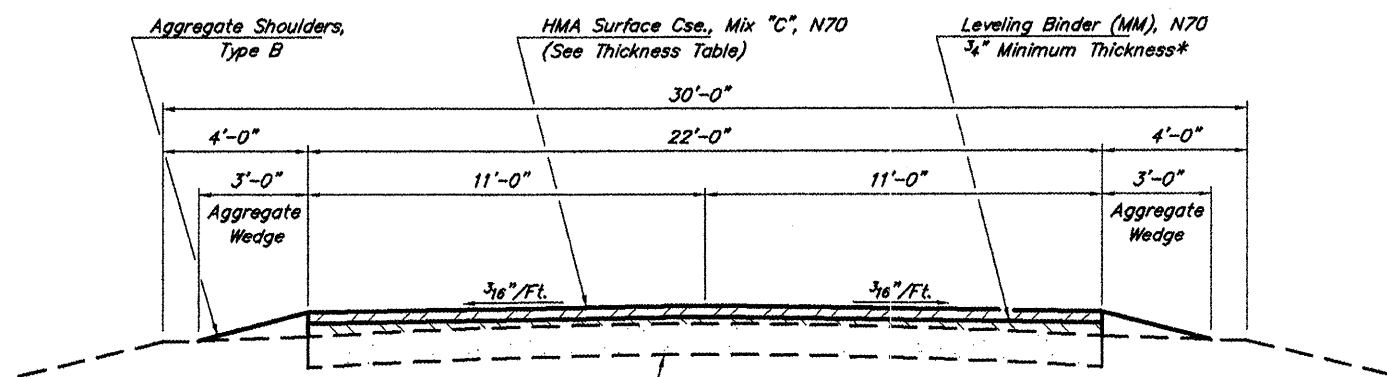
GENERAL NOTES

Crown and superelevation corrections shall be constructed prior to placing the 3/4" lift of Leveling Binder. If material thickness will be greater than 4" 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.

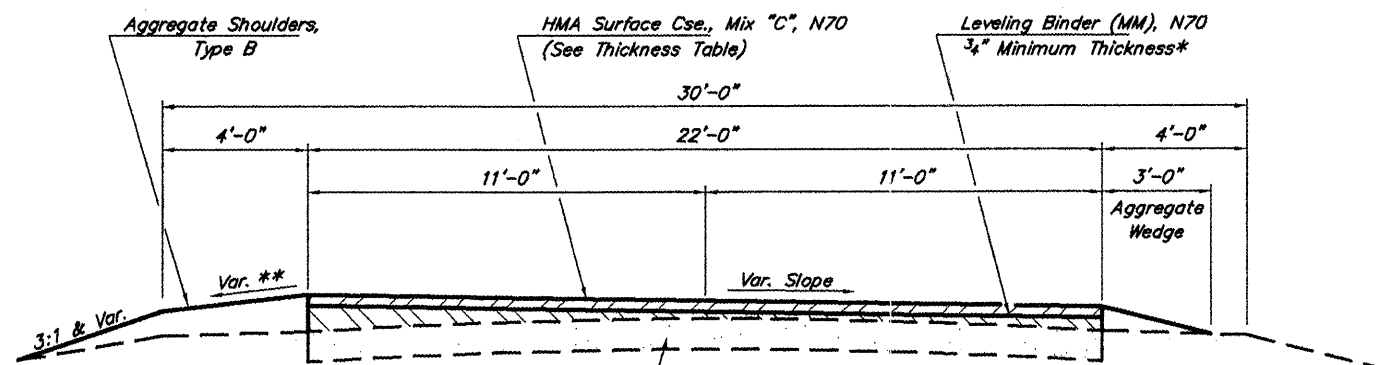
Factors used for quantity calculations are as follows:

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



HMA SURFACE COURSE THICKNESS	
Location	Thickness
Sta. 0+12A - Sta. 0+80	2 1/4"
Sta. 0+80 - Sta. 18+00	2"
Sta. 18+00 - Sta. 209+90	1 1/4"

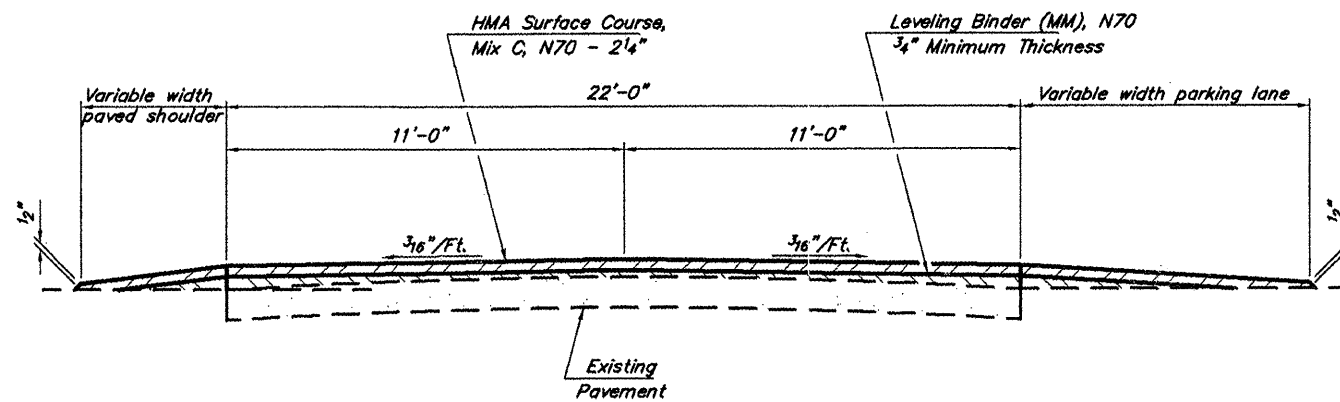
TYPICAL SECTION



** Slope 3/4"/Ft. but not more than 0.12"/Ft. break between pavement and shoulder.

TYPICAL SECTION THRU CURVES

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



TYPICAL SECTION WITH PARKING LANE OR PAVED SHOULDER

Sta. 0+00A - 4+00 (Match existing widths & locations - See Plans)

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

STRUCTURAL DESIGN DATA

STA. 0+12A - STA. 0+80

Class III Roadway
Design Period - 20 Years
PC 1410 IBR 4.5
SU 70 TF 0.0505
MU 20 DT 2.353

STA. 0+80 - STA. 18+00

Class III Roadway
Design Period - 20 Years
PC 1270 IBR 4.5
SU 60 TF 0.0468
MU 20 DT 2.325

STA. 18+00 - STA. 209+90

Class IV Roadway
Design Period - 20 Years
PC 300 IBR 4.5
SU 50 TF 0.0082
MU 20 DT 1.797

MATERIAL COEFFICIENT

Existing Agg. Base Course	- 0.08
Existing Oil & Chip Surface	- 0.15
Existing Bit. Mix. Complete	- 0.17
Leveling Binder	- 0.33
HMA Binder Course	- 0.33
HMA Surface Course	- 0.40

SUPERELEVATIONS

S.E. = 0.077'/Ft. 30 MPH Attain Sta. 0+98 - Sta. 2+52 Remove Sta. 2+86 - Sta. 4+12	S.E. = 0.080'/Ft. 50 MPH Attain Sta. 64+68 - Sta. 66+77 Remove Sta. 70+66 - Sta. 72+75	S.E. = 0.031'/Ft. 50 MPH Attain Sta. 133+30 - Sta. 134+31 Remove Sta. 138+88 - Sta. 139+89
S.E. = 0.077'/Ft. 30 MPH Attain Sta. 4+12 - Sta. 5+59 Remove Sta. 6+15 - Sta. 7+69	S.E. = 0.077'/Ft. 50 MPH Attain Sta. 75+13 - Sta. 77+15 Remove Sta. 81+17 - Sta. 83+19	S.E. = 0.078'/Ft. 45 MPH Attain Sta. 167+83 - Sta. 169+72 Remove Sta. 176+09 - Sta. 177+98
S.E. = 0.072'/Ft. 50 MPH Attain Sta. 28+46 - Sta. 30+37 Remove Sta. 33+78 - Sta. 35+69	S.E. = 0.078'/Ft. 45 MPH Attain Sta. 83+48 - Sta. 85+37 Remove Sta. 89+33 - Sta. 91+22	S.E. = 0.047'/Ft. 50 MPH Attain Sta. 190+18 - Sta. 191+54 Remove Sta. 208+04 - Sta. 209+40
S.E. = 0.077'/Ft. 50 MPH Attain Sta. 40+27 - Sta. 42+29 Remove Sta. 47+26 - Sta. 49+28	S.E. = 0.031'/Ft. 50 MPH Attain Sta. 105+87 - Sta. 106+88 Remove Sta. 111+09 - Sta. 112+10	
S.E. = 0.053'/Ft. 50 MPH Attain Sta. 52+60 - Sta. 54+10 Remove Sta. 59+24 - Sta. 60+74	S.E. = 0.059'/Ft. 50 MPH Attain Sta. 125+65 - Sta. 127+28 Remove Sta. 131+67 - Sta. 133+30	