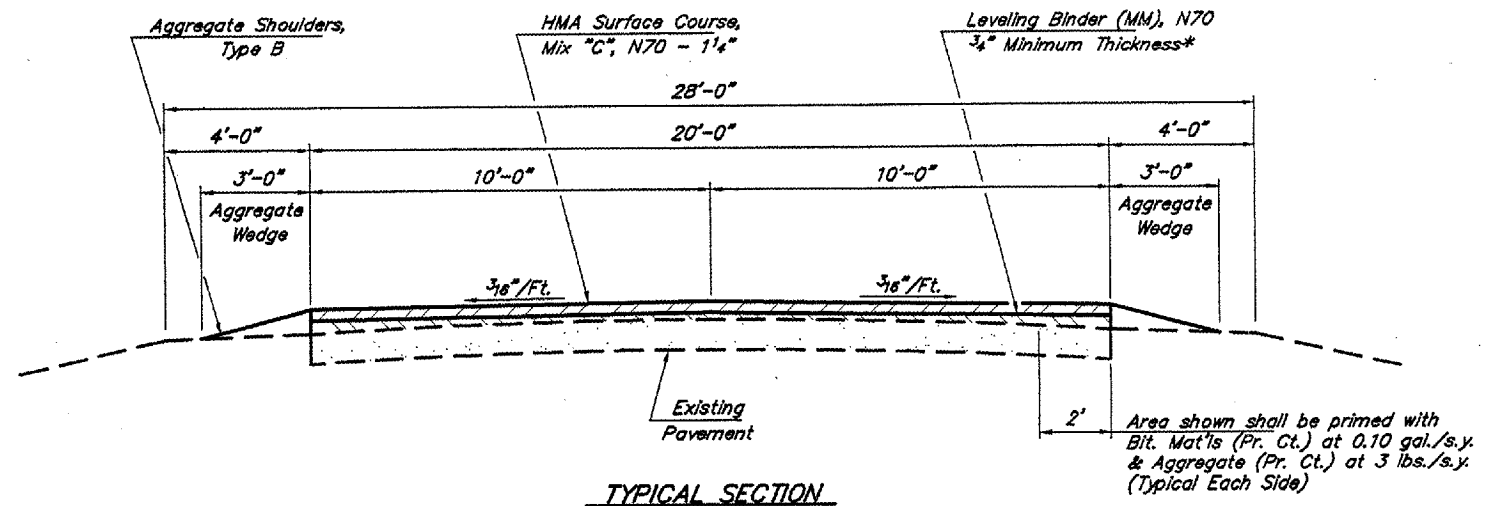


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 931	99-00038-01-RS	JOHNSON	5	2
PROJECT NO. RS-931 (108)		CONTRACT NO. 99279		

* NOTE: Crown and superelevation corrections shall be constructed prior to placing the 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 table below)

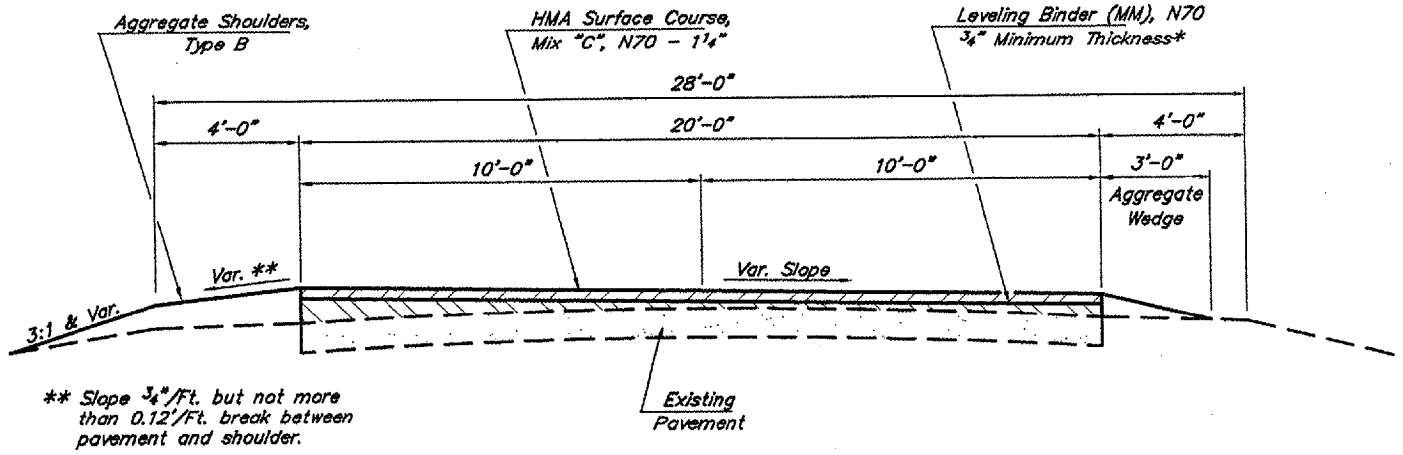


HOT-MIX ASPHALT BINDER COURSE		
Location		Tons
Rt. Sta.	7+00 - Sta. 14+00	102.4
Lt. Sta.	28+70 - Sta. 32+80	82.6
Rt. Sta.	35+30 - Sta. 41+70	171.0
Rt. Sta.	59+40 - Sta. 64+90	72.8
Lt. Sta.	67+30 - Sta. 83+10	368.5
Rt. Sta.	97+30 - Sta. 110+30	187.9
Rt. Sta.	143+20 - Sta. 144+80	20.6
TOTAL		1,005.8

NOTE: Locations and quantities are estimated and should be verified and adjusted in the field as directed by the Engineer.

STRUCTURAL DESIGN DATA

Class III Roadway
 Design Period - 20 Years
 PC 687 IBR 2.5
 SU 9 TF 0.026
 MU 4 DT 2.473
 Material Coefficient
 Existing Agg. Base Course - 0.11
 Existing Oil & Chip Surface - 0.13
 Existing Bit. Mix. Complete - 0.25
 Leveling Binder - 0.33
 HMA Binder Course - 0.33
 HMA Surface Course - 0.40



** 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.

SUPERELEVATIONS			
S.E. = 0.079'/ft.	45 MPH	S.E. = 0.078'/ft.	50 MPH
Attain Sta. 6+66 - Sta. 8+57		Attain Sta. 70+33 - Sta. 72+38	
Remove Sta. 13+71 - Sta. 15+62		Remove Sta. 80+82 - Sta. 82+87	
S.E. = 0.079'/ft.	45 MPH	S.E. = 0.053'/ft.	50 MPH
Attain Sta. 24+60 - Sta. 26+51		Attain Sta. 96+19 - Sta. 97+69	
Remove Sta. 32+47 - Sta. 34+38		Remove Sta. 110+41 - Sta. 111+90	
S.E. = 0.074'/ft.	50 MPH	S.E. = 0.079'/ft.	45 MPH
Attain Sta. 34+91 - Sta. 36+87		Attain Sta. 137+52 - Sta. 139+44	
Remove Sta. 41+03 - Sta. 42+99		Remove Sta. 144+62 - Sta. 146+53	
S.E. = 0.064'/ft.	50 MPH		
Attain Sta. 58+99 - Sta. 60+73			
Remove Sta. 65+21 - Sta. 66+94			

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