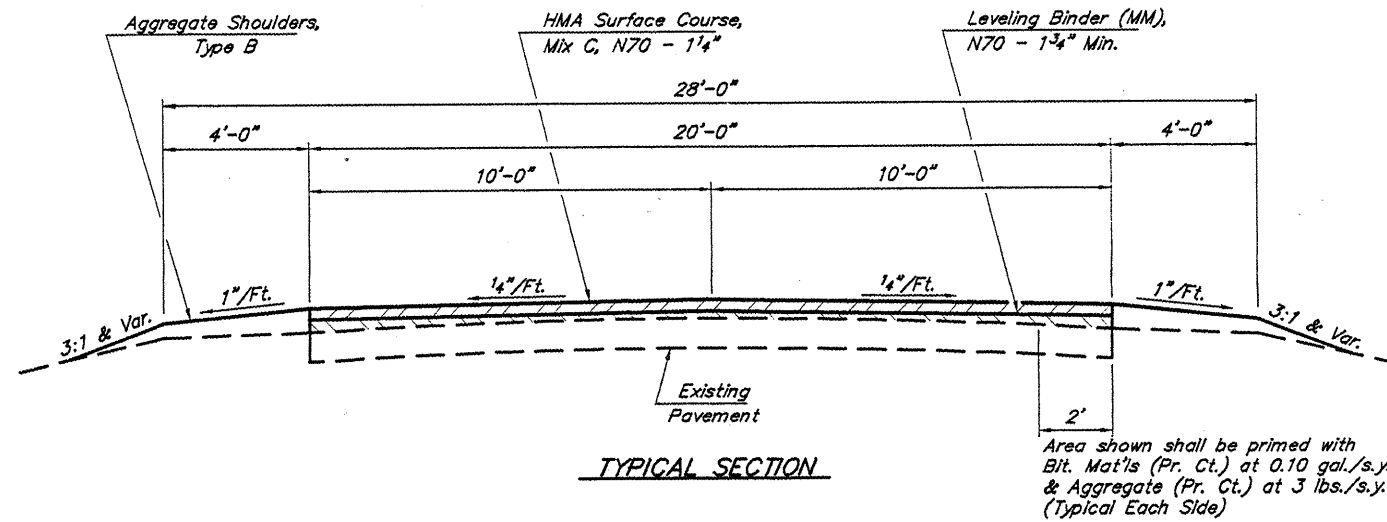


| | | | | |
|--------------------------|----------------|---------|--------------------|-----------|
| ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAS 928 | 05-00060-00-RS | JOHNSON | 7 | 2 |
| PROJECT NO. RS-928 (105) | | | CONTRACT NO. 99333 | |



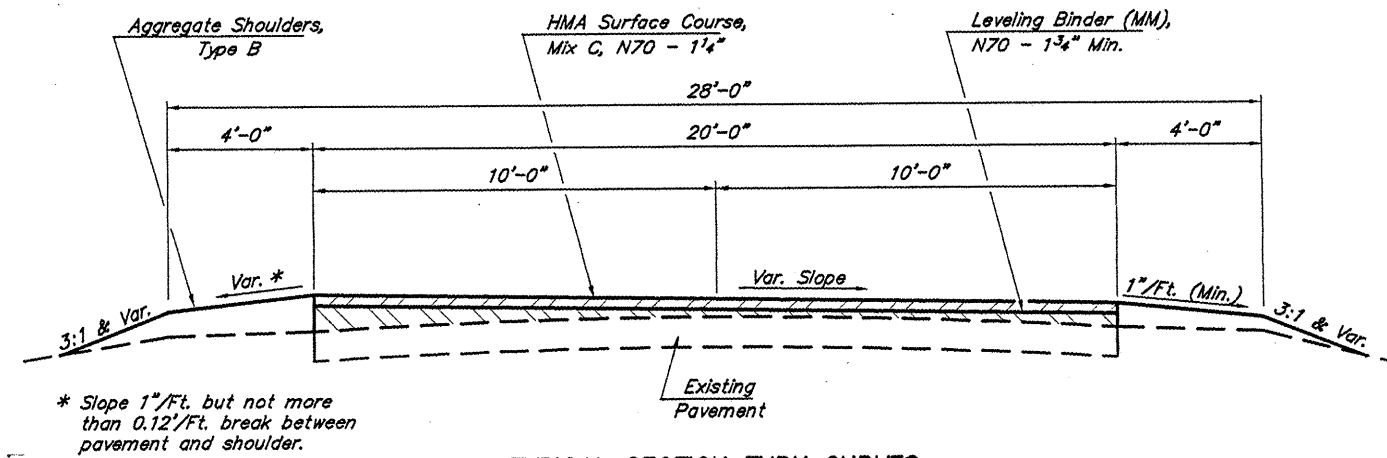
GENERAL NOTES

Crown and superelevation corrections shall be constructed prior to placing a full lift of Leveling Binder. If correction thickness will be greater than 2 1/4" then Hot-Mix Asphalt Binder Course, IL-19.0, N70 shall be used for the correction as directed by the Engineer. (See table below).

All bridge decks, tapers, and milled butt joints shall be primed the full width of the surface. The general roadway shall be primed as indicated on the typical sections. Prime shall be applied at the rates shown below.

Factors used for quantity calculations are as follows:

| | |
|--------------------------|-------------------------|
| All Hot-Mix Asphalt | 112.0 Tons/Sq. Yd./Inch |
| All Aggregate | 2.025 Tons/Cu. Yd. |
| Bit. Mat's. (Prime Coat) | 0.10 Gals./Sq. Yd. |
| Aggregate (Prime Coat) | 0.0015 Tons/Sq. Yd. |



TYPICAL SECTION THRU CURVES
NOTE: Section shown for right curve. Reverse for left curve.

ASPHALT MIXTURE REQUIREMENTS

| | |
|--|---------------------------------------|
| 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: | Hot-Mix Asphalt 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: | Hot-Mix Asphalt Surface Cse., 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 |

| HOT-MIX ASPHALT BINDER COURSE | | |
|-------------------------------|--------------|--|
| Location | Tons | |
| Lt. Sta. 99+75 - Sta. 103+40 | 50.0 | |
| Rt. Sta. 102+10 - Sta. 113+20 | 168.7 | |
| Rt. Sta. 115+40 - Sta. 123+90 | 82.7 | |
| Lt. Sta. 132+90 - Sta. 137+80 | 100.1 | |
| Rt. Sta. 137+10 - Sta. 143+60 | 127.3 | |
| Lt. Sta. 152+90 - Sta. 157+40 | 56.8 | |
| Lt. Sta. 158+80 - Sta. 161+70 | 38.4 | |
| TOTAL | 624.0 | |

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

STRUCTURAL DESIGN DATA

Class IV Roadway
Design Period - 8 Years
PC 365 IBV 6.5
SU 20 TF 0.0042
MU 10 DT 1.470

MATERIAL COEFFICIENT

Exist. Crushed Stone Base - 0.08
Exist. Oil & Chip Surface - 0.15
Leveling Binder - 0.33
HMA Surface Course - 0.40

TYPICAL SECTIONS
FAS ROUTE 928
SECTION 05-00060-00-RS
PROJECT NO. RS-928 (105)
JOHNSON COUNTY