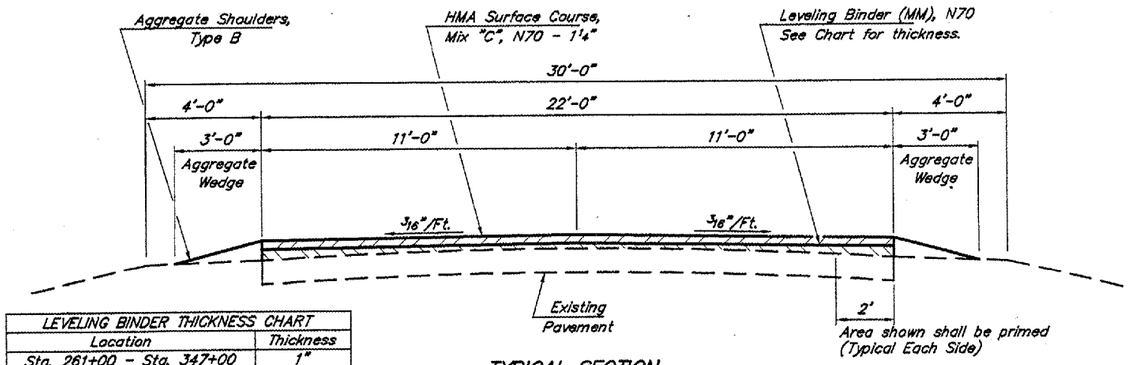
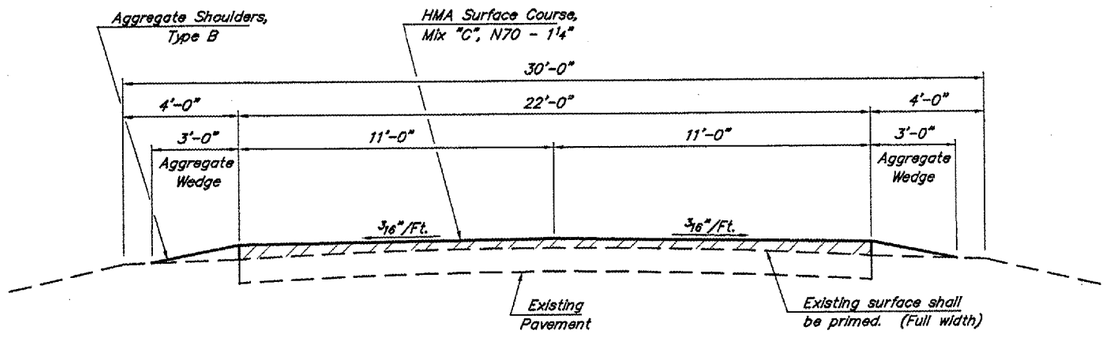
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 924	05-00095-00-RS	UNION	5	2
PROJECT NO. RS-924 (122)			CONTRACT NO. 99277	

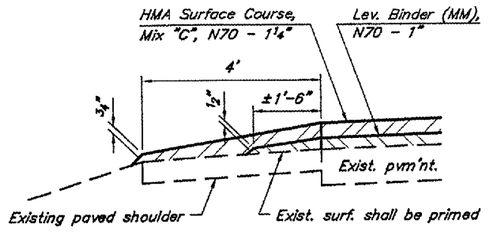


LEVELING BINDER THICKNESS CHART	
Location	Thickness
Sta. 261+00 - Sta. 347+00	1"
Sta. 347+00 - Sta. 421+10	¾"
Sta. 421+10 - Sta. 480+00	1"
Sta. 480+00 - Sta. 506+10	¾"

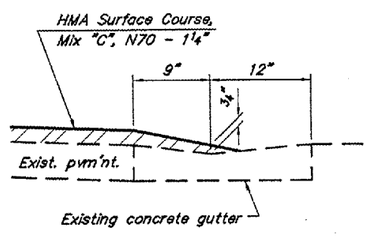
TYPICAL SECTION
STATION 261+00 - STATION 506+10



TYPICAL SECTION
STATION 518+70 - STATION 539+80



PAVED SHOULDER DETAIL
STA. 292+48 - STA. 304+02 LT. & RT.



EDGE DETAIL AT CONCRETE GUTTER

Sta. 525+00 - Sta. 530+00	Rt.
Sta. 525+00 - Sta. 530+40	Lt.
Sta. 534+20 - Sta. 535+10	Rt.
Sta. 538+50 - Sta. 539+80	Rt.

GENERAL NOTES

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.

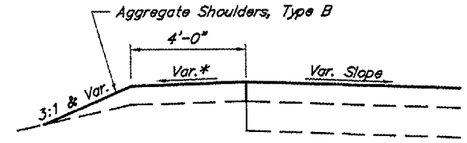
Factors used for quantity calculations are as follows:

All Asphalt..... 112.0 Tons/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.

ASPHALT MIXTURE REQUIREMENTS

Mixture Use:	Leveling Binder (MM), 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



* Slope ¾"/Ft. but not more than 0.12'/Ft. break between pavement and shoulder.

SHOULDER DETAIL FOR OUTSIDE EDGE OF SUPERELEVATED CURVES

STRUCTURAL DESIGN DATA

STA. 261+00 - STA. 347+00
Class III Roadway
Design Period - 8 Years
PC 1660 IBR 2.5
SU 70 TF 0.0506
MU 20 DT 2.754

STA. 347+00 - STA. 421+10
Class III Roadway
Design Period - 8 Years
PC 1570 IBR 2.5
SU 65 TF 0.0426
MU 15 DT 2.668

STA. 421+10 - STA. 525+00
Class II Roadway
Design Period - 8 Years
PC 1935 IBR 2.5
SU 80 TF 0.0547
MU 20 DT 2.783

STA. 525+00 - STA. 539+80
Class III Roadway
Design Period - 8 Years
PC 630 IBR 2.5
SU 25 TF 0.0154
MU 5 DT 2.266

MATERIAL COEFFICIENT

Exist. Crushed Stone Base	- 0.11
Exist. Oil & Chip Surface	- 0.18
Bit. Mixture Complete	- 0.25
Leveling Binder (MM)	- 0.33
HMA Surface Course	- 0.40

SUPERELEVATIONS

S.E. = 0.039'/Ft. 50 MPH Attain Sta. 262+26 - Sta. 263+45 Remove Sta. 270+02 - Sta. 271+20	S.E. = 0.054'/Ft. 50 MPH Attain Sta. 325+15 - Sta. 326+67 Remove Sta. 331+20 - Sta. 332+78	S.E. = 0.049'/Ft. 50 MPH Attain Sta. 432+95 - Sta. 434+36 Remove Sta. 437+63 - Sta. 439+04
S.E. = 0.039'/Ft. 50 MPH Attain Sta. 276+05 - Sta. 277+24 Remove Sta. 279+84 - Sta. 281+02	S.E. = 0.072'/Ft. 50 MPH Attain Sta. 342+39 - Sta. 344+31 Remove Sta. 349+91 - Sta. 351+83	S.E. = 0.055'/Ft. 50 MPH Attain Sta. 469+63 - Sta. 471+17 Remove Sta. 478+82 - Sta. 480+36
S.E. = 0.065'/Ft. 50 MPH Attain Sta. 281+88 - Sta. 283+64 Remove Sta. 287+45 - Sta. 289+21	S.E. = 0.018'/Ft. 50 MPH Attain Sta. 368+24 - Sta. 368+93 Remove Sta. 374+80 - Sta. 375+52	S.E. = 0.058'/Ft. 50 MPH Attain Sta. 491+34 - Sta. 492+94 Remove Sta. 509+69 - Sta. 511+30
S.E. = 0.045'/Ft. 50 MPH Attain Sta. 295+23 - Sta. 296+55 Remove Sta. 299+89 - Sta. 301+21	S.E. = 0.018'/Ft. 50 MPH Attain Sta. 381+44 - Sta. 382+16 Remove Sta. 389+87 - Sta. 390+77	S.E. = 0.045'/Ft. 35 MPH Attain Sta. 515+71 - Sta. 516+77 Remove Sta. 525+74 - Sta. 527+24
S.E. = 0.046'/Ft. 50 MPH Attain Sta. 314+24 - Sta. 315+58 Remove Sta. 323+81 - Sta. 325+15	S.E. = 0.035'/Ft. 50 MPH Attain Sta. 412+52 - Sta. 413+62 Remove Sta. 417+11 - Sta. 418+21	S.E. = 0.028'/Ft. 40 MPH Attain Sta. 532+95 - Sta. 533+76 Remove Sta. 537+41 - Sta. 538+22

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TYPICAL SECTIONS