

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
877	101 RS-1	WHITE/GALLATIN	22	3

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND STANDARDS, MIX DESIGN, AND GENERAL NOTES
4	SUMMARY OF QUANTITIES AND PAVEMENT MARKING SCHEDULE
5	RESURFACING, ENTRANCE AND SIDEROAD SCHEDULES
6	GUARDRAIL SCHEDULE
7-10	TYPICAL SECTIONS
11-12	SIDEROAD DETAILS
12-13	ENTRANCE DETAILS
14	MILLING TAPER, TRANSITION, AND TEMPORARY RAMP DETAILS
15	BRIDGE TRANSITION DETAIL
16	ROUGH GROOVED SURFACE SIGN, TEMPORARY HOT-MIX ASPHALT TRANSITIONS, AND UNEVEN PAVEMENT SIGN DETAILS
17-22	GUARDRAIL DETAILS

STANDARDS

000001-04	701301-02
442201-01	701306-01
635006-02	701311-02
635011-01	701336-04
701006-02	702001-06
701011-01	780001-01
	781001-02

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	OPERATING RATING	INVENTORY RATING	POSTING
097-0029	42.8	25.0	NONE
097-0036	46.3	28.8	NONE
097-0037	44.8	27.9	NONE
097-0064	31.1	19.4	NONE
097-0067	45.0	27.2	NONE

GENERAL NOTES

THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES.

ALL HOT-MIX ASPHALT	2.016 TON/CU YD
ALL AGGREGATE	2.05 TON/CU YD
HOT-MIX ASPHALT MATERIALS:	
ON PAVEMENT	0.09 GAL/SQ YD
ON AGGREGATE	0.32 GAL/SQ YD
AGGREGATE (PRIME COAT)	0.0015 TON/SQ YD
MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	2 TON/MILE

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUT DOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE BITUMINOUS SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.

QUANTITIES SHOWN IN THE PLANS FOR MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS ARE ESTIMATES. THE ACTUAL AMOUNT DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ALTERNATING SIDES ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

QUANTITIES SHOWN IN THE PLANS FOR STRIP REFLECTIVE CRACK CONTROL ARE ESTIMATES.

UTILITIES HAVE NOT BEEN LOCATED FOR THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL J.U.L.I.E. BEFORE BEGINNING GUARDRAIL WORK.

MIX DESIGN

Location(s):	Hot-Mix Asphalt Surface Course, Leveling Binder, and Incidental Hot-Mix Asphalt Resurfacing
Mixture Use(s)	Hot-Mix Asphalt Surface Course, Mix "C", N90
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	C Surface

Location(s):	Pavement Patching, 14"
Mixture Use(s)	Hot-Mix Asphalt Binder Course, IL-19.0, N90
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None