

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325		MONTGOMERY	39	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

• 21RS-4; 24RS-7  
CONTRACT NO. 72444

**GENERAL NOTES**

- ALL ELEVATIONS SHOWN IN THE PLANS ARE U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERRUPTED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.
- BITUMINOUS SHOULDERS MAY NEED TO BE RACKED DOWN TO MATCH EXISTING PCC AND BITUMINOUS ENTRANCES SEE DETAIL SHEET.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NORMAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHER WISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINE IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARDS SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN TH COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS.

BITUMINOUS SHOULDERS	0.00244 Mton/sq m/mm
BITUMINOUS SURFACE COURSE, MIX D	0.00244 Mton/sq m/mm
AGGREGATE SHOULDERS	2.43 Mton/cu m
BITUMINOUS MATERIAL (PRIME COAT)	0.00041 Mton/sq m
AGGREGATE (PRIME COAT)	0.0022 Mton/sq m
SEEDING	10,000 sq m/Ha
NITROGEN	100 Kg/Hectare
PHOSPHOROUS	100 Kg/Hectare
POTASSIUM	100 Kg/Hectare
LIMESTONE	4.5 Mton/Hectare
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE	Level Binder mm	Bituminous Concrete Surface	Bituminous Shoulders	Incidental Bituminous Surface
AC/PG	PG 64-22	SBS PG 70-22	PG 58-22	PG 64-22
RAP % (MAX)	15%	0%	15%	15%
DESIGN AIR VOIDS	4% @ N design = 70	4% @ N design = 70	2.0% @ N design = 30	4.0 @ N design = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 OR 12.5	BAM	IL 9.5 OR 12.5
FRICTION AGGREGATE	N/A	Mix "D"	N/A	Mix "C"
- NO ENTRANCE WORK IS PROPOSED IN THIS CONTRACT. BUTT JOINTS ARE TO BE COMPLETED AT THE EDGE OF THE PROPOSED BITUMINOUS SHOULDER.

**COMMITMENTS**

- ALL ENTRANCES SHALL REMAIN ACCESSIBLE, BOTH DURING AND AFTER CONSTRUCTION.
- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
- COLD MILLING MATERIAL SHALL BE SALVAGED. DISTRICT 6 MAINTENANCE SECTION SHOULD BE CONTACTED FOR STOCK-PILING THE MILLED MATERIAL AT THE LITCHFIELD YARD.

EXAMINED <u>June 23</u> 20 <u>04</u> <i>W.P. Frey</i> PROGRAM IMPLEMENTATION ENGINEER
EXAMINED <u>April 7</u> 20 <u>04</u> <i>William E. Martens</i> PROGRAM DEVELOPMENT ENGINEER

<b>DISTRICT SIX</b>
EXAMINED <u>June 22</u> 20 <u>04</u> <i>Louis J. Hovari</i> OPERATIONS ENGINEER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION <b>GENERAL NOTES &amp; COMMITMENTS</b>
NAME	DATE	
		DRAWN BY CHECKED BY DATE