

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
709		CHAMPAIGN	64	3
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 113RS-6 & 113BR-211 CONTRACT NO. 70181				

GENERAL NOTES

G. N. -100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G. N. -105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G. N. -107.31
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.
J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.

G. N. -406
THE QUANTITIES INCLUDED IN THE PLANS FOR BITUMINOUS CONCRETE RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE BITUMINOUS MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G. N. -406D
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G. N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	US 136	US 136	US 136	US 136	US 136
Mixture Use(s):	Surface & Incidental	Class D & PD Patch	Leveling Binder	Bit Shid Bottom Lifts	Bit Shid Top Lifts
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP %: (Max)**	15	25	25	30	30
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	2.0% @ Ndes=30	3.0% @ Ndes=30
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0	IL 9.5	BAM	IL 9.5L
Friction Aggregate:	Mix C	N.A.	Mix C	N.A.	Mix C

Use the following guidelines to fill out the above table:

Location(s): This space specifies the location(s) where the mix will be placed. It can be described by route or stations.

Mixture Use(s): This corresponds to the generic description of the mixture(s), i.e., surface course, level binder, base course, shoulders, etc. On full-depth projects, specify the lift, e.g., "full-depth, lower binder", "full-depth, top binder", or "full-depth, surface".

AC/PG: This space specifies the AC grade or PG binder for the mixture, including polymer modified asphalt cement, e.g., AC-20, PG64-22, PG70-22 or SBS-PG70-22, PG64-28 or SBS-PG64-28, SBS-PG76-22, etc. The required PG binder should be obtained from the Materials Engineer.

RAP%: This space specifies the maximum RAP percentage allowed in the mixture, e.g., 0%, 10%, 15%, 25%, etc. RAP is not allowed in any mixtures which contain polymers.
** If > 15% RAP is used, the contractor may be required to use a softer grade of asphalt, as determined by the Materials Engineer.

Design Air Voids: This space specifies the air void content in which the mixture shall be designed. For example, Class I may require air voids of 4.0%, 4.5%, etc., and Superpave may require "4.0% @ Ndesign = 50", "4.0% @ Ndesign = 70", etc. All Superpave projects will require 4.0% air voids, however, the Ndesign number will change. The Ndesign number should be obtained from the Materials Engineer.

Mixture Composition: This space specifies the aggregate gradation which the mixture shall meet. For Superpave, these options are IL-25.0, IL-19.0, IL-19.0L, IL-12.5, IL-9.5, IL-9.5L. For Class I mixtures, the options are Class I; Type 1, 2, or 3; Mixture A, Mixture B, Mixture C, Mixture D, or Mixture E.

Friction Aggregate: This space specifies the aggregates which shall be used to meet friction requirements, i.e., Mixture C, Mixture D, or Mixture E.

Contact the District Mixtures Control Engineer for further information.