

**PLAN NOTES**

CONTRACT 88757

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-11RS	MCDONOUGH	83	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**BITUMINOUS CONCRETE MIXTURE REQUIREMENTS**

Mixture Use (s):	Mainline Surface Course
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 70-28
Design Air Voids:	4.2% @ Ndes = 70
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5
Friction Aggregate:	Mixture D

Mixture Use (s):	Mainline Binder Course
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 70-28
Design Air Voids:	4.2% @ Ndes = 70
Mixture Composition: (Gradation Mixture)	IL 19.0
Friction Aggregate:	N/A

Mixture Use (s):	Side roads, Crossovers, Median, Turn Lanes Surface Course
RAP % (Max)**:	15%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ Ndes = 50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5
Friction Aggregate:	Mixture D

Mixture Use (s):	Crossovers, Median, Turn Lanes Binder Course
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ Ndes = 50
Mixture Composition: (Gradation Mixture)	IL 19.0
Friction Aggregate:	N/A

Mixture Use (s):	Shoulder Surface Course
RAP % (Max)**:	30%
AC/PG:	PG 64-22
Design Air Voids:	3% @ Ndes = 30
Mixture Composition: (Gradation Mixture)	IL 9.5 L
Friction Aggregate:	Mixture C

Mixture Use (s):	Shoulder Binder Course
RAP % (Max)**:	30%
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ Ndes = 30
Mixture Composition: (Gradation Mixture)	IL 19.0 L
Friction Aggregate:	N/A

\*\*If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

**DETECTOR LOOP, SPECIAL**

The Contractor shall install the loop wire directly into the traffic counter cabinet. A Type II splice is not required for each loop. The cost of the loop wire shall be included in the pay item for Detector Loop, Special and no additional compensation shall be paid for this work. The replacement loops should be located as close to the original loop locations as possible, but no more than ten feet from the original locations.

**COURSE AGGREGATE FOR BITUMINOUS SURFACE COURSE, SUPERPAVE**

Effective March 14, 1997

The coarse aggregate for SUPERPAVE SURFACE, MIXTURE D shall be crushed stone (dolomite).

**PERMANENT SURVEY TIES**

Effective April 1, 1991      Revised January 1, 2005

This work shall consist of furnishing and installing 4 Permanent Survey Ties at the locations shown in accordance with the Detail for Permanent Survey Ties included in the plans. A licensed land surveyor shall record dimensions from the tie points to the brass disk prior to any milling operations. The brass disk shall be reset at the direction of the land surveyor according to the recorded dimensions after all paving and striping operations. A drawing shall be produced showing the locations of the tie points and brass disk with dimensions.

The brass disk in the intersection of Spring Lake Road and US 67 shall have four Permanent Survey ties placed in accordance with CADD Standard 667101. The Class SI concrete used in the permanent survey ties shall be in accordance with Section 503 of the Standard Specifications. The reinforcement bars used shall be in accordance with Section 508 of the Standard Specifications.

A copy of all drawings or monument records produced from this project shall be sent to the Chief of Surveys, Illinois Department of Transportation, district 4, Peoria.

The setting of the Permanent Survey Ties shall be paid for by the pay item 66700605.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**COMMITMENTS,  
GENERAL NOTES,  
& PLAN NOTES**

SCALE: VERT.      DRAWN BY  
          HORIZ.      CHECKED BY  
DATE