

BITUMINOUS MIXTURE REQUIREMENTS

2/22/2024

Contract 68E30

Description

Resurfacing on IL 17 from the west side of Aledo and runs west for 8.5 miles

County
Marked Route

Mercer
IL 17

The following mixture requirements are applicable for this project:

Location(s):	Mainline	Shoulders	Mainline	Mainline
Mixture Use(s):	Polymer Surface 2"	Polymer Surface 2"	Partial Depth Patch/Joint Repair/Incidental Surface	Class D Patching
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate:	Mix D	Mix D	Mix C	N.A.
Quality Management Program:	PPF	PPF	QCQA	QCQA
MTD:	Yes	Yes	No	No

Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.
 3) Sublot sizes for PPF and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.



Status of Utilities

Name of Utility Company

Village of Joy
11/8/2023

Route
Section
County
Contract No.
Job No.

FAP 639 (IL 17)
(123, 123)RS-4
Mercer
68E30
C-94-065-18

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 17 & Federal St	Lt 16.0'	396+98	Sanitary MH	Paving	Caution
IL 17 & Penn St	Lt 16.5'	401+30	Sanitary MH	Paving	Caution
IL 17 & Washington St	Lt 15.5'	405+51	Sanitary MH	Paving	Caution
IL 17 & Drury St	Lt 16'	409+81	Sanitary MH	Paving	Adjust
IL 17 & Oliver St	Lt 16'	414+10	Sanitary MH	Paving	Adjust

NOTE: Please check all your facilities within the construction limits of this project.

MODEL: Default
FILE: \\nas01-pw-bentley.com\PW\DOT\Documents\DOT_Offices\Bhartt_4\Projects\ID4_68E30\CADD\BAs\CAD\Sheet\ID468E30-3b-ctb-cover.dgn

USER NAME = \$USERS	DESIGNED -	REVISED - KRH 2/22/2024
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/23/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MIX REQUIREMENTS / STATUS OF UTILITIES

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	(123,124)RS-4	MERCER	88	3
CONTRACT NO. 68E30				

ILLINOIS FED. AID PROJECT

REV. 2/23/24