

MIX DESIGN

Locations	Hot-Mix Asphalt Surface Course (IL 34 Resurfacing and Full-Depth Pavement)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface
Quality Management Program:	QCP

Locations	Hot-Mix Asphalt Binder Course (Top Lift IL 34 Resurfacing and Full-Depth Pavement)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder, N90, IL-19.0
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Quality Management Program:	QCP

Locations	Hot-Mix Asphalt Binder Course (Lower Lifts IL 34 Full-Depth Pavement), Base Course Widening and Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0mm
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None
Quality Management Program:	QCP • Hot-Mix Asphalt Binder; QCOA • Patching and Base Course Widening

Locations	Hot-Mix Asphalt Surface Course (Raleigh Road), Hot-Mix Asphalt Shoulders (Top Lift) and Incidental Hot-Mix Asphalt Resurfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	QCP • Hot-Mix Asphalt Surface Course QCOA • Hot-Mix Asphalt Shoulders

2

2 REVISED 10-30-15

MIX DESIGN



Locations	Hot-Mix Asphalt Binder Shoulders (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder, N70, IL-19.0mm
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Quality Management Program:	QC/QA

FULL-DEPTH PAVEMENT LAYERS SHALL BE 1 1/2" POLY SURFACE, 2 1/4" POLY BINDER, AND THE REMAINING STRUCTURE BEING BINDER.

2 REVISED 10-30-15

FILE NAME :	USER NAME = calem	DESIGNED -	REVISED -
pc:\l084EBID\INTEG\Illinois.gov\PW\DOT\Documents\DOT Offices\District 9\Projects\78314\CD\CD\CAD\Sheets\78314-sha-cvr-soq.dwg		DESIGNED -	REVISED -
Default	PLOT SCALE = 180.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 10/30/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MIXTURE REQUIREMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	SALINE	57	6
CONTRACT NO. 78314			ILLINOIS FED. AID PROJECT	