HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface 2" (Mainline & Ramps)	Polymer Binder 1.75" (Mainline & Ramps)	Partial Depth Patches (All Lifts)	Shoulders Surface	Shoulders (Lower Lift)	Incidental Surface
AC/PG:	SBS or SBR 76-28	SBS or SBR 76-28	SBS or SBR 64-28	PG 58-28	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	4.0% @ N=50	
Mixture Composition: (Mixture Gradation)	IL 9.5	L 9.5	IL 9.5	IL 9.5 FG	IL 9.5	4.0% @ N=50 IL 9.5
Friction Aggregate:	Mix D	NA.	N.A.	Mix C	1 114	
Quality Management Program:	PFP	PFP	PFP	QCQA	NA. QCQA	Mix C QCQA

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

For design purposes, mixture weight for all mixes is determined to be 112 0 lb/s y./in., unless otherwise noted.

3) Subjet sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum (*) vertical clearance shall be maintained under all structures.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures, SN 094-0035, SN 094-0042, SN 094-0045, and SN 094-0046, may be crossed with the empty MTD. Any structures not listed above shall be verified by the resident prior to beginning work.

JOB SPECIFIC NOTES

- SN 094-0035, 094-0042, 094-0045, AND 094-0046 Voids under the abutments and approaches need to be filled with CLSM flowable fill as directed by the Engineer in consultation with the Bridge Maintenance Engineer. This work will be paid for as FORCE ACCOUNT according to article 109.04 of the Standard Specifications.
- SN 094-0035 AND 094-0042 To correct the dip at the end of the approaches, the contractor shall place and compact a scratch pass of binder mix prior to paving as directed by the resident engineer. This work will be paid for at the contract unit price per ton for "Polymerized Hot Mix Asphalt Binder Course, IL 9.5 N50"
- The temporary pavement marking paint shall be placed at the locations of the proposed modified urethane pavement marking so that it's removal will be included when the grooving takes place.
- The materials for the A-1 surface shall be (Crushed) CA 20. (Crushed) CA 16 may be used if approved by the engineer.

Prior to cold milling the mainline, the contractor shall be responsible to establish a best fit line for center line. The contractor shall be responsible to stake all transitions coming in and out of super elevations. The best fit line and staking transitions in and out of superelevation's shall be paid under Z0013798 Construction Layout.

DESIGNED . REVISED REVISED PLOT SCALE = 100.0000 ' / in. CHECKED PLOT DATE = 2/4/2022 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** COMMITMENTS, GENERAL & JOB SPECIFIC NOTES

SECTION (32,33)RS-2,34RS-4 WARREN 51 3 CONTRACT NO. 68A36

/i\ RFV. 4/13/22

SCALE

OF SHEETS STA.