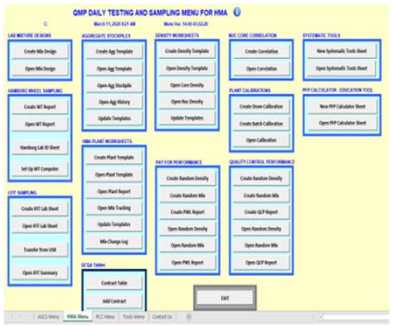
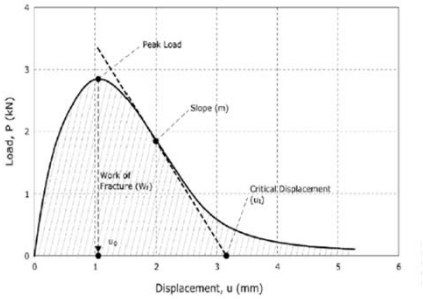
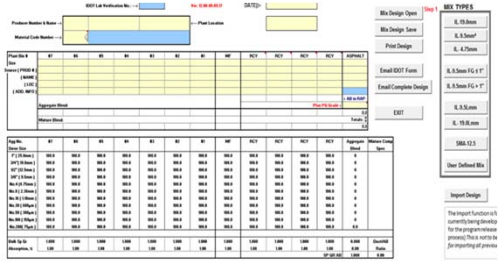
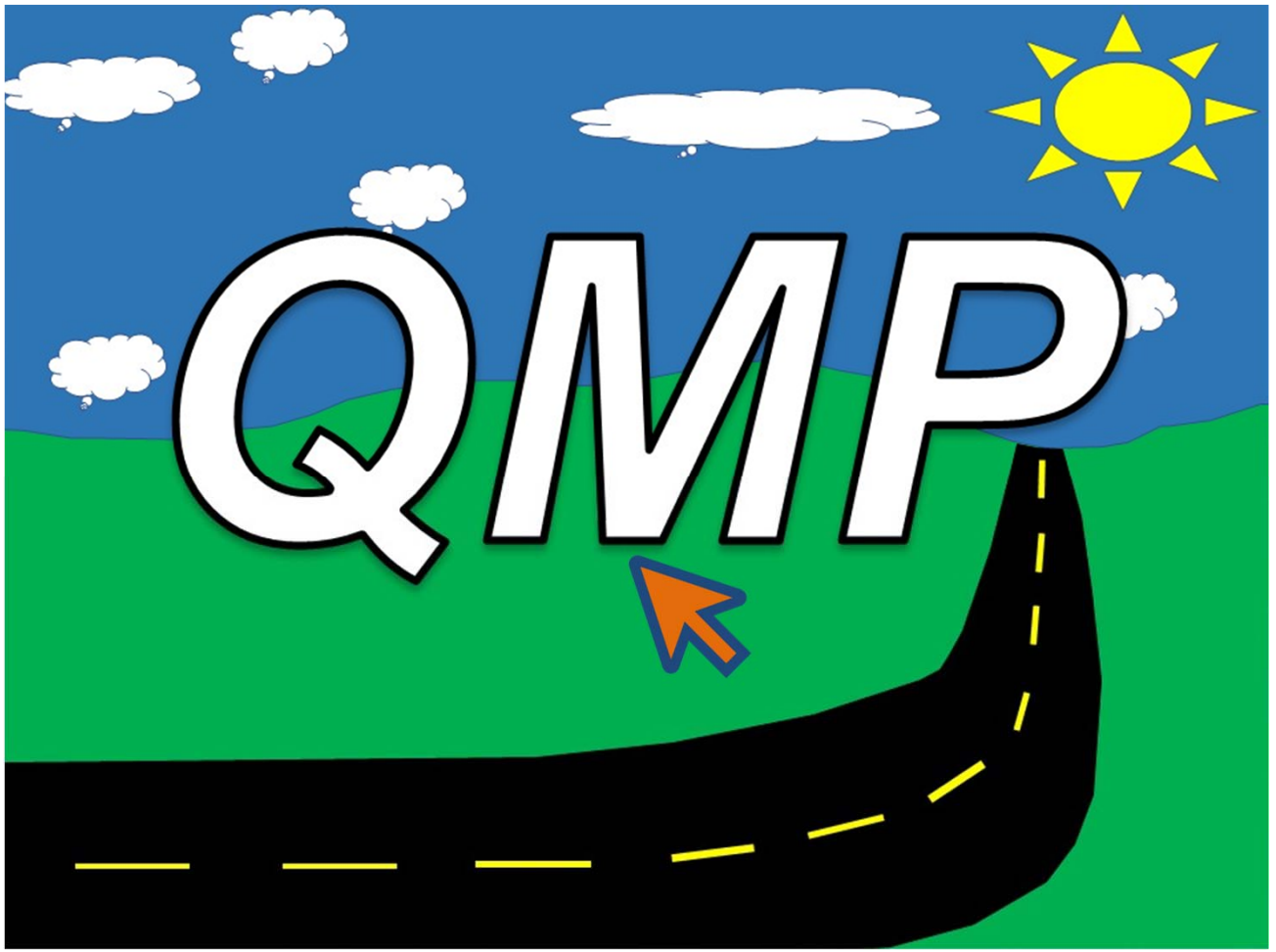


2020 QMP Package Updates





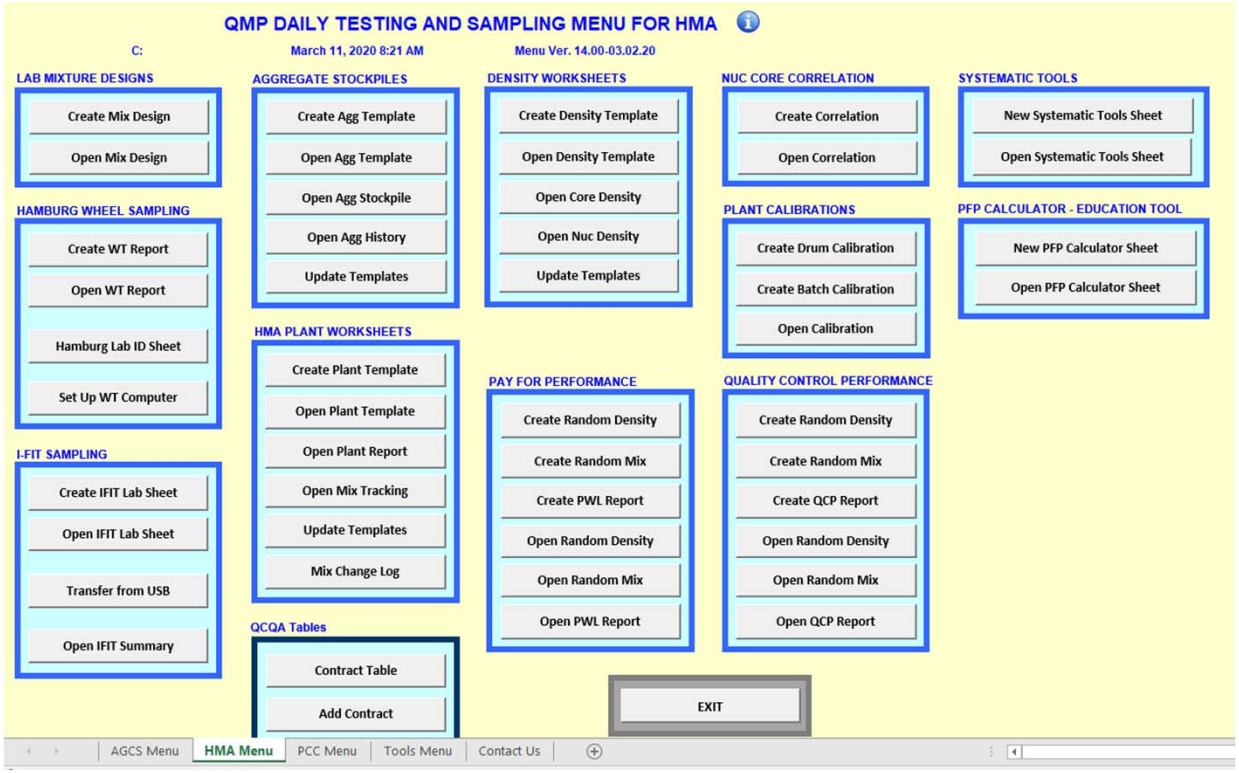
Illinois Department of Transportation



QMP Package 2020

2020 QMP Package

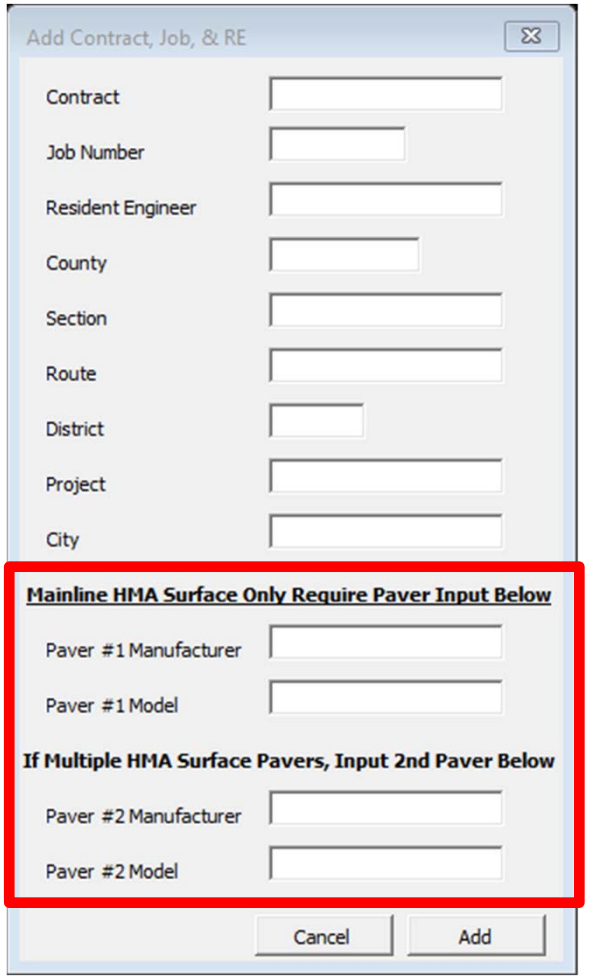
- Initial Installation
  - Placed online on March 6, 2020
  - Email sent on March 9, 2020



HMA QMP Package Updates

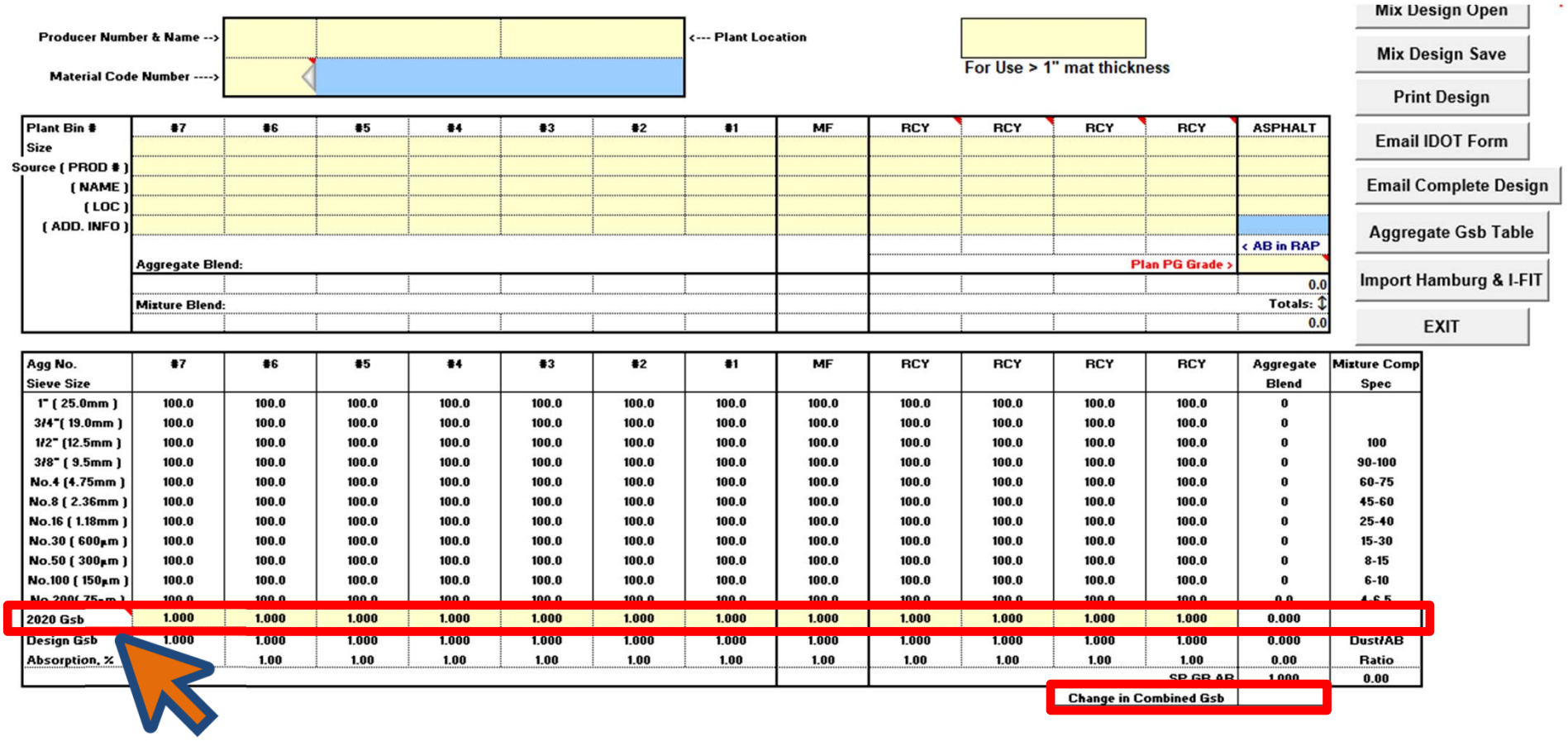
Contract Information

- Added Paver Manufacturer & Model for Mainline HMA Surface



HMA Mix Design – Update #1

- Updated Aggregate Bulk Specific Gravity Section



Producer Number & Name -->
Material Code Number ---->
<--- Plant Location
For Use > 1" mat thickness

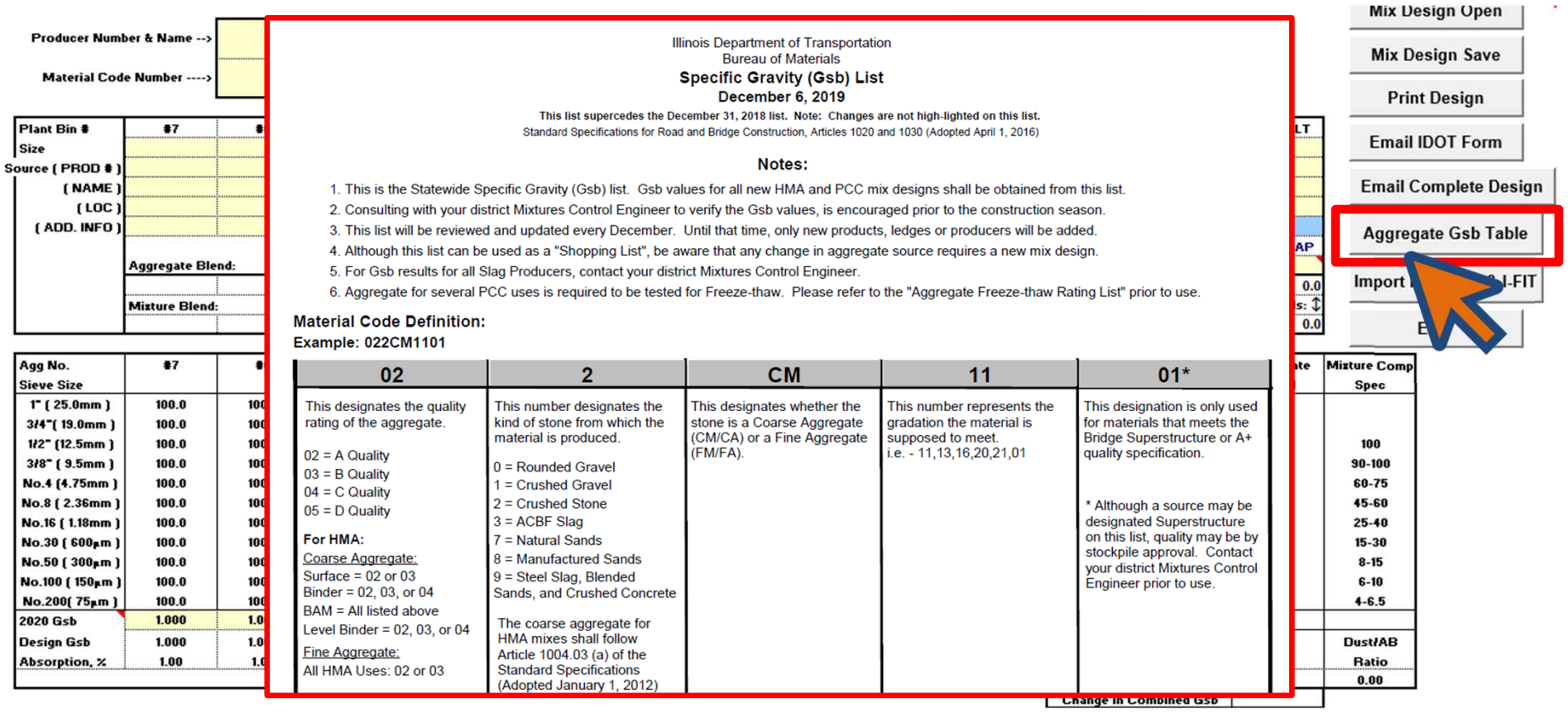
Mix Design Open
Mix Design Save
Print Design
Email IDOT Form
Email Complete Design
Aggregate Gsb Table
Import Hamburg & I-FIT
EXIT

Plant Bin #	#7	#6	#5	#4	#3	#2	#1	MF	RCY	RCY	RCY	RCY	ASPHALT
Size													
Source (PROD #)													
(NAME)													
(LOC)													
(ADD. INFO)													
													< AB in RAP
	Aggregate Blend:											Plan PG Grade >	
													0.0
	Mixture Blend:												Totals:
													0.0

Agg No. Sieve Size	#7	#6	#5	#4	#3	#2	#1	MF	RCY	RCY	RCY	RCY	Aggregate Blend	Mixture Comp Spec
1" (25.0mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	
3/4"(19.0mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	
1/2" (12.5mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	100
3/8" (9.5mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	90-100
No.4 (4.75mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	60-75
No.8 (2.36mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	45-60
No.16 (1.18mm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	25-40
No.30 (600µm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	15-30
No.50 (300µm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	8-15
No.100 (150µm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0	6-10
No.200(75µm)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	4.6.5
2020 Gsb	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	
Design Gsb	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.000	Dust/AB
Absorption, %		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	Ratio
												SP GR AB	1.000	0.00
												Change in Combined Gsb		

HMA Mix Design – Update #2

- Updated link to Aggregate Bulk Specific Gravity PDF



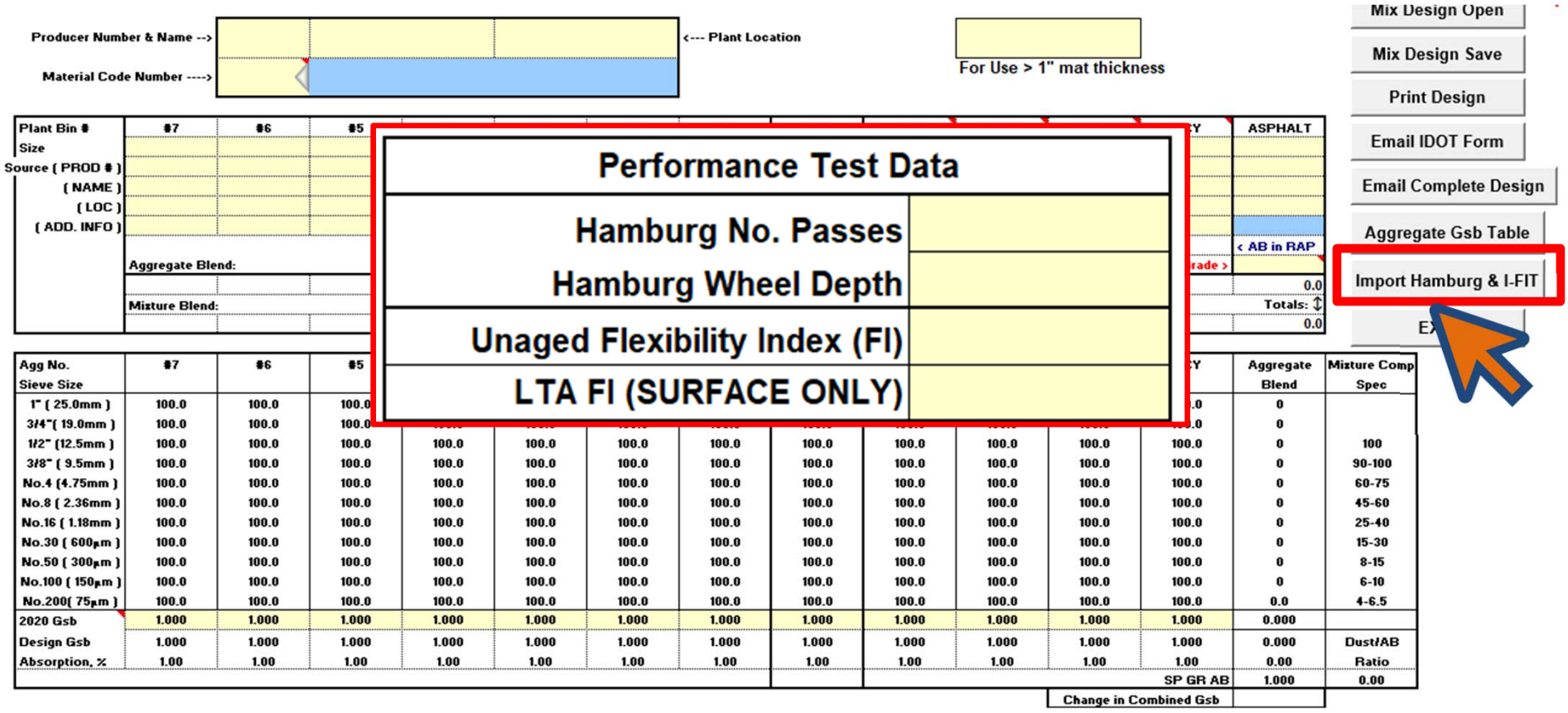
HMA Mix Design – Update #3

- Updated Performance Sample Pilot Brick Wt. Calculation

Gmm	2.445	X	0.93	=	2.274
Gyro Ht. (mm)	160.0		2.274 / 1.0309	=	2.206
	2.206	X	2827	=	6238
			6188 &		6288

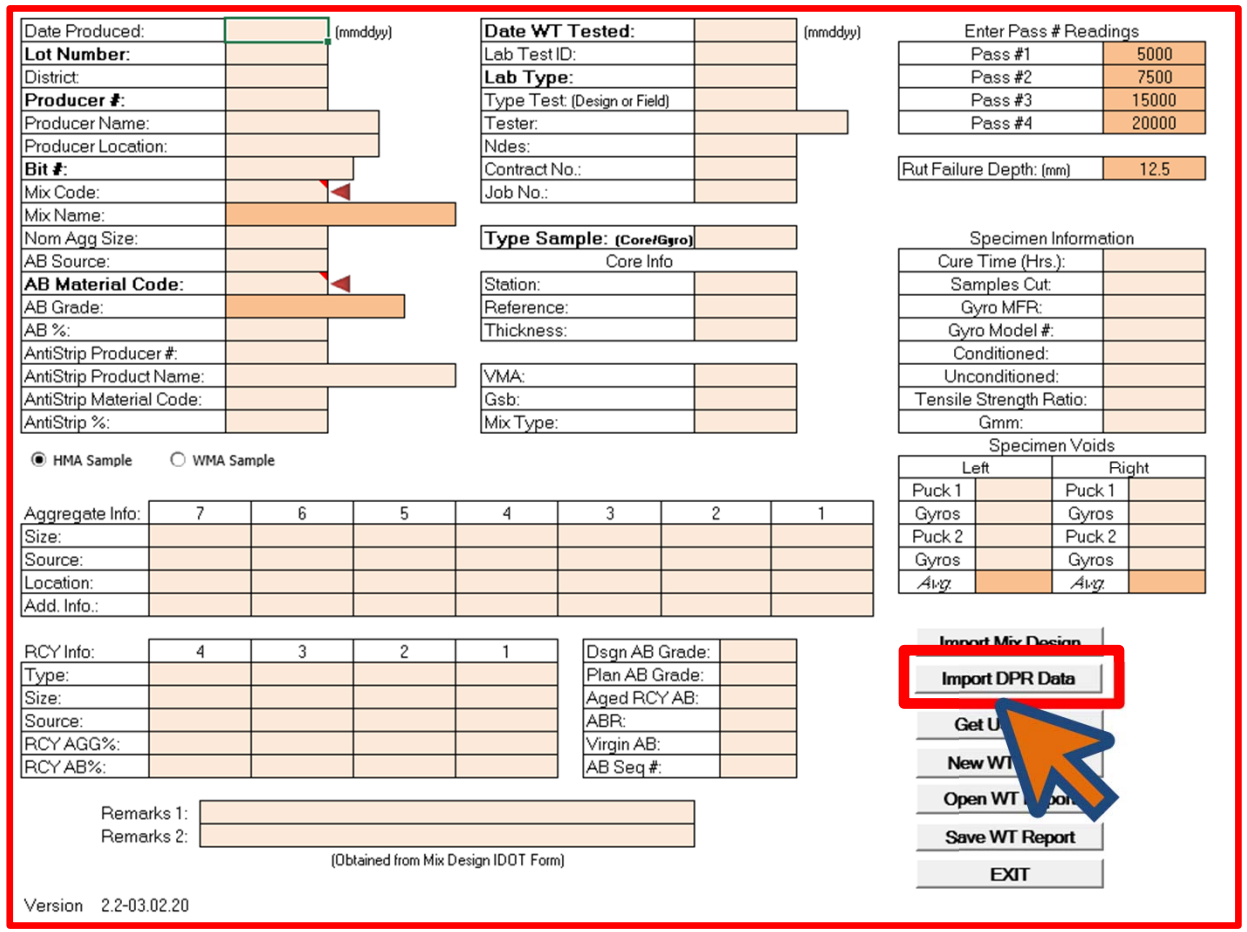
HMA Mix Design – Update #4

- Added Import Hamburg & I-FIT Data Button (Optional)



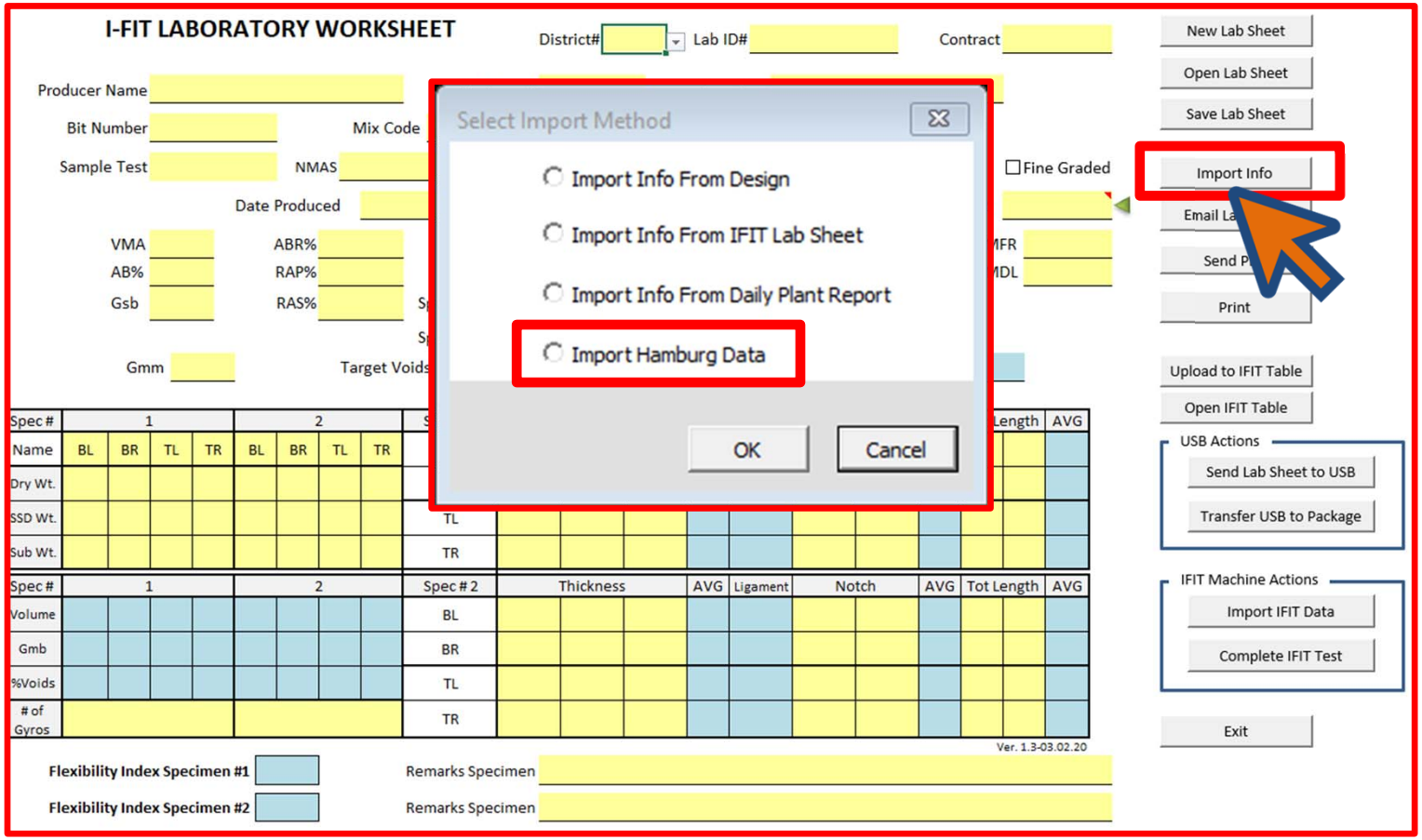
Hamburg Report

- Added Option to Import Daily Plant Report Info



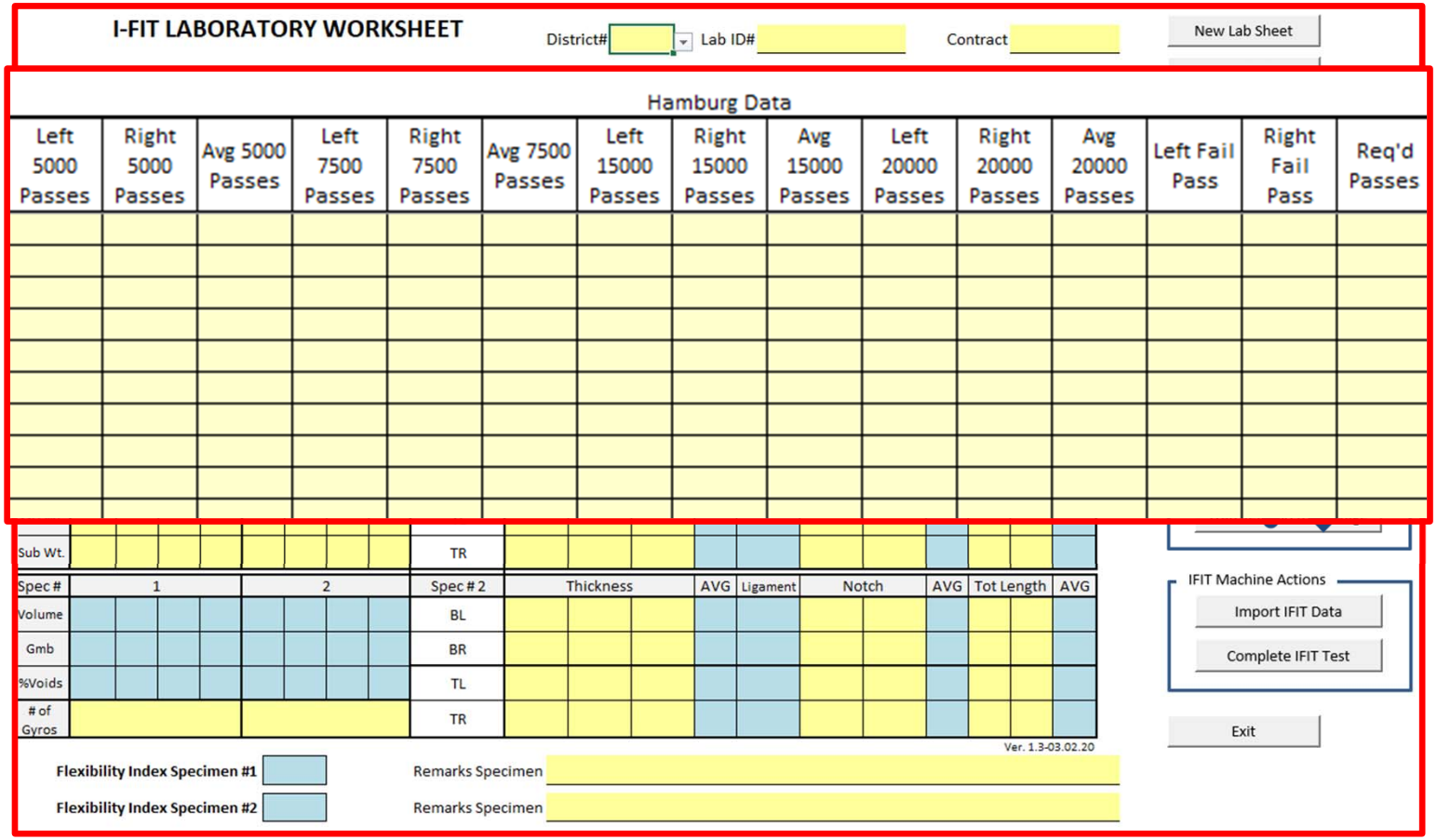
I-FIT Lab Workbook

- Added Option to Import Hamburg Data Results



I-FIT Summary

- Added Hamburg Data Results to I-FIT Summary



I-FIT LABORATORY WORKSHEET

District# Lab ID# Contract

New Lab Sheet

Hamburg Data

Left 5000 Passes	Right 5000 Passes	Avg 5000 Passes	Left 7500 Passes	Right 7500 Passes	Avg 7500 Passes	Left 15000 Passes	Right 15000 Passes	Avg 15000 Passes	Left 20000 Passes	Right 20000 Passes	Avg 20000 Passes	Left Fail Pass	Right Fail Pass	Req'd Passes

Sub Wt. TR

Spec #	1	2	Spec # 2	Thickness	AVG	Ligament	Notch	AVG	Tot Length	AVG
Volume			BL							
Gmb			BR							
%Voids			TL							
# of Gyros			TR							

Ver. 1.3-03.02.20

Flexibility Index Specimen #1 Remarks Specimen

Flexibility Index Specimen #2 Remarks Specimen

IFIT Machine Actions

Import IFIT Data

Complete IFIT Test

Exit

Thanks For Your Attention!

Brian Hill
Central Bureau of Materials
Phone: 217-558-1628
Email: Brian.Hill@Illinois.gov