

# HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	1000
Material Transfer Device	Yes, As per Special Provisions

Locations	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP-Mainline
Sublot Size:	1000
Material Transfer Device	Yes, As per Special Provisions

Locations	HMA Shoulders 1 1/2" (Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N-30, IL- 9.5L
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000
Material Transfer Device	No

# - CONT. HMA MIXTURE REQUIREMENTS TABLES

Locations	HMA Shoulders 2 1/4" (Bottom Lift)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	3000
Material Transfer Device	No

## MTD CROSSING RESTRICTIONS TABLE

ROUTE (IL 127/146) SN & CENTERLINE STATION	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS: EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:
		FOOT	
SN 091-7044 STA 82+02	7.5'	0.9'	(40 tons)
SN 091-7043 STA 125+09	2.8'	1.0'	(40 tons)
SN 091-7042 STA 138+36	3.0'	1.0'	(40 tons)
SN 091-0072 STA 161+04	N/A	N/A	(40 tons)
SN 091-2026 STA 172+31	2.7'	1.0'	(40 tons)
SN 091-7041 STA 173+95	5.3'	1.0'	(40 tons)
SN 091-2012 STA 117+51	1.5'	1.0'	Special Requirements Apply *

NOTE: If the same MTD is used throughout the entire contract, then it must be limited to an empty gross weight ≤ 40 tons.

\*The Contractor shall refer to BDE Special Provision for Material Transfer Device.

REVISION: REVISED 8-29-2023

MODEL: MTD MIX DESIGN TABLE 1 (REV 4/1)  
FILE NAME: p:\add-on\heleny.com\pww\DOT\Documents\DOT\Office\District 9\ROAD Projects\78970\CAD\Drawings\98970-SHC-MTD\_MixDesign.dgn

USER NAME = John.A.Brandon	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 1/in.	DRAWN -	REVISED -
PLOT DATE = 7/1/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MTD CROSSING RESTRICTIONS TABLE  
& HMA MIXTURE REQUIREMENTS TABLE

SCALING SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 885	SECTION 104RS-7	COUNTY UNION	TOTAL SHEETS 25	SHEET NO. 4
CONTRACT NO. 78970				
ILLINOIS FED. AID PROJECT				