

# NorthEast Transportation Training & Certification Program

## HMA Pavement Nuclear Density Test Report (D 2950)

Date/Time: Friday, May 22, 2020		Lab/Location: Tilcon (NB)	
Weather: Clear 70°F		Date Rec'd #: 5/22/2020	Random Sample: No <input type="checkbox"/>
Project: USACE Talcott Rg Rd		Lab Login #: -	Lot #: -
Contract #: 19-75-012		Material ID: 5122	Sublot #: -
Contractor: Ludlow Construction		Material #: 12.5mm	Sample Location: -
Pay Item #: -		Sample #: -	Station: See Below
Source: Tilcon (NB)		Sample Type: QC <input type="checkbox"/>	Offset: See Below
Plant Type: Batch		Sampled By/Cert. #: Tilcon	

Density Gauge Information			
Make:	Troxler	Date of Calibration:	6/3/2019
Model #:	3430	Source of Calibration:	OC Resources
Serial #:	29806	Standard Count:	2074
Gauge #:	29806	Duration of Test:	60 Seconds
Other:	-	Thickness of Lift Tested:	4.0"

Density of HMA in Place by Nuclear Method (D 2950)							
Sublot #	Station	Offset	Time	Random (Y/N)	(B) Max Theor. Density (From T 209)	(A) In-Place Density, kg / m <sup>3</sup>	% Compaction (A/B * 100)
Final lift	16+00	North Mat Center	10:35	N	164.7	153.4	93.1
Final lift	20+50	South MAT Center	10:51	N	164.7	153	92.9

Comments:

Tested by: Stephen Devlin		Reviewed by: Nicholas Lisowski	
Certification #: -		Certification #: 3139	
Date: 5/22/2020		Date: 5/26/2020	
Test Results Within Engineering Limits:		YES <input type="checkbox"/>	NO <input type="checkbox"/>