



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

<b>Date:</b> September 14, 2020		<b>Location:</b> Tilcon - West Hartford, CT	
<b>Weather:</b> Sunny	<b>Date Rec'd #:</b> 9/14/2020	<b>Random Sample:</b> No	
<b>Project:</b> Durham Meadows Waterline - Durham, CT	<b>Lab Login #:</b> -	<b>Lot #:</b> -	
<b>Report #:</b> 19-75-012-099	<b>Material ID:</b> SP 1.0"	<b>Sublot #:</b> -	
<b>Contractor:</b> Ludlow Construction Co., Inc.	<b>Material #:</b> -	<b>Sample Location:</b> Second Lift	
<b>Pay Item #:</b> -	<b>Sample #:</b> -	<b>Station:</b> See Below	
<b>Source:</b> Tilcon - West Hartford, CT	<b>Sample Type:</b> QC	<b>Offset:</b> See Below	
<b>Plant Type:</b> -	<b>Sampled By/Cert. #:</b> Stephen Sturges/ #4395		

Density Gauge Information			
<b>Make:</b>	Troxler	<b>Date of Calibration:</b>	4/1/2020
<b>Model #:</b>	3440	<b>Source of Calibration:</b>	Q/C Resource Technical Services
<b>Serial #:</b>	17249	<b>Standard Count:</b>	-
<b>Gauge #:</b>	17249	<b>Duration of Test:</b>	15 seconds
<b>Other:</b>	-	<b>Thickness of Lift Tested:</b>	3.00"

Density of HMA in place by Nuclear Method (D 2950)						
Station Number	Offset	Time	Random (Y/N)	(B) Maximum Theoretical Density (From T209)	(A) In Place Density (kg/m <sup>3</sup> )	Percent Compaction % (A/B * 100)
100+00	-	-	N	167.2	154.2	92.2%
100+25	-	-	N	167.2	154.8	92.6%
100+50	-	-	N	167.2	155.0	92.7%
100+75	-	-	N	167.2	155.9	93.2%
101+00	-	-	N	167.2	157.1	94.0%
101+25	-	-	N	167.2	156.6	93.7%
101+50	-	-	N	167.2	156.4	93.5%
101+75	-	-	N	167.2	157.4	94.1%
102+00	-	-	N	167.2	156.8	93.8%

Comments:

<b>Tested by:</b> Stephen Sturges	<b>Reviewed by:</b> Nicholas Lisowski
<b>Certification #:</b> 4395	<b>Certification #:</b> 3139
<b>Date:</b> 9/14/2020	<b>Date:</b> 9/23/2020
<b>Test Results Within Engineering Limits:</b> YES <input type="checkbox"/>	NO <input type="checkbox"/>