

# #82

**COMPLETE**

**Collector:** Web Link 2 (Web Link)  
**Started:** Thursday, September 09, 2021 4:41:24 PM  
**Last Modified:** Wednesday, May 24, 2023 6:55:10 PM  
**Time Spent:** Over a month  
**IP Address:** 184.62.81.134

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## Page 1: General Information

### Q1

#### Laboratory Information

Laboratory Manager	<b>Tim Farley</b>
Laboratory Name	<b>Cardi Materials - Warwick</b>
Address	<b>400 Lincoln Avenue</b>
City/Town	<b>Warwick</b>
State	<b>RI</b>
ZIP	<b>02888</b>
Phone Number	<b>401-623-7240</b>

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### Q2

#### NETTCP Certification Number

279 - Cardi Warwick

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### Q3

#### Laboratory Technician Certification Numbers

Quality Assurance Technologist	<b>794</b>
HMA Plant Technician	<b>811m</b>

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### Q4

#### Laboratory Category

**3**

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### Q5

#### NETTCP Certified

**YES**

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**Q6** **YES**

FAA NE Region (NETTCP Certified for FAA)

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**Q7** **NO**

AASHTO Accredited (check the AASHTO website for up to date certifications)

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**Q8**

Aggregates (AASHTO/ASTM)

	AASHTO	ASTM
Material Finer Than #200 Sieve by Washing (T11/C117)	✓	✓
Unit Weight and Voids in Aggregates (T19/C29)		
Organic Impurities in Fine Aggregate for Concrete (T21/C40)		
Sieve Analysis of Fine and Coarse Aggregates (T27/C136)	✓	✓
Sieve Analysis of Extracted Aggregate (T30/D5444)	✓	✓
Reducing Aggregate Samples (R76/C702)	✓	✓
Vacuum Drying Compacted Asphalt Specimens (R79/D7227)		
Specific Gravity and Absorption of Fine Aggregate (T84/C128)		
Specific Gravity and Absorption of Coarse Aggregates (T85/C127)		
Coarse Aggregate L.A. Abrasion (T96/C131)		
Soundness of Aggregates (T104/C88)		
Sand Equivalent Test (T176/--)		
Moisture Contents of Aggregates (T255/C566)	✓	✓
Un-compacted Void Content of Fine Aggregate (T304/--)		
Flat & Elongated Particles in Coarse Aggregate (--/D4791)		
Percentage of Fractured Particles in Coarse Aggregate (--/D5821)		
Specific Gravity and Absorption of Aggregate using Vacuum Saturation and Rapid Submersion (--/D7370)		

**Q9**

HMA

	AASHTO	ASTM
Extraction of Asphalt Binder from HMA (T164/D2172)		
Bulk Specific gravity of HMA (T166/D2726)	✓	✓
Theoretical Specific Gravity of HMA (T209/D2041)	✓	✓
Marshall Test Procedure (T245/D6926)		
Resistance of Compacted HMA to Moisture Induced Damage (T283/--)		
Draindown in Uncompacted Asphalt Mixtures (T305/--)		
Asphalt Binder Content by Ignition Oven (T308/D6307)	✓	✓
Density of HMA by SuperPave Gyrotory (T312/D6925)	✓	✓
Moisture Control of HMA (T329/--)	✓	
Bulk Specific Gravity of HMA using Automatic Vacuum Sealing (T331/--)		
Thickness of Compacted HMA Specimens (--/D3549)		✓
Vacuum Drying Compacted HMA Specimens (R79/--)		

**Q10**

Respondent skipped this question

Concrete

**Q11**

Soils

	AASHTO	ASTM
Materials Finer than #200 Sieve by Washing (T11/C117)	✓	✓
Sieve Analysis of Fine and Coarse Aggregates (T27/C136)	✓	✓
Particle Size Analysis of Soils (T88/C422)		
Liquid Limit of Soils (T89/D4318)		
Plastic Limit of Soils (T90/D4318)		
Moisture Density Relation of Soils with 5.5lb Hammer (T99/D698)		
Sand Equivalent Test (T176/D2419)		
Moisture Density Relation of Soils with 10.0lb Hammer (T180/D1557)		
Moisture Content of Soils (T265/D2216)	✓	✓
Gain Size Analysis of Granular Soils (T311/--)		