

#82

COMPLETE

**Collector:** Web Link 2 (Web Link)  
**Started:** Thursday, September 09, 2021 5:20:19 PM  
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**Time Spent:** Over a month  
**IP Address:** 184.62.81.134

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## Page 1: General Information

## Q1

## Laboratory Information

Laboratory Manager	Chris Froh
Laboratory Name	J.H. Lynch & Sons - Cumberland
Address	50 Lynch Place
City/Town	Cumberland
State	RI
ZIP	02864
Phone Number	401-333-4300

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## Q2

## NETTCP Certification Number

184 - JH Lynch Cumberland

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## Q3

## Laboratory Technician Certification Numbers

Quality Assurance Technologist	645
Soil and Aggregate Lab Technician	236
HMA Plant Technician	681m

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## Q4

2

Laboratory Category

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## Q5

YES

NETTCP Certified

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**Q6****YES**

FAA NE Region (NETTCP Certified for FAA)

**Q7****NO**

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

**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 Gyratory (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/--)	✓	