



Measure Across America Project

**Coast to
Coast**

Promoting the improvement of pavement markings
for both human and machine drivers.

The MAAP coast to coast covered over 5,500 miles across 18 states over a 2-week period with over 100 hours of driving time. The project was in correlation with the 2019 ATSSA Mid-Year conference in San Diego.

Project Acquisition Summary


Infographic 1

Route

States:
18
Miles:
5,512



Roadway Types


Different Roads
56
Interstate
4,721 miles
Non-Interstate
791 miles

Measurements

Averaged
Records:
55,275
Valid
Marking
Scans:
79,039,000



Acquisition Time



Days:
16.45
Acquisition
Day/Night
Day: 73%
Night: 27%

Average Vehicle Speed

**69.2
MPH**





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The Visual Basics

Infographic 2

Retroreflectivity Average

183.6
mcd/lux/m²



Retroreflectivity Levels



Marking Color

75.5%
Yellow
24.5% White

Material Marking Types

Paint: **25%**
Thermoplastic: **56%**
Tape: **4%**
Multicomponent: **13%**
Profiled: **2%**

QD Luminance Average

188.5
mcd/lux/m²



Nighttime Contrast

0.88

Retroreflective Pavement Marker Count

0000176285
150,000+
>1200mcd/lux/m²

AutoPilot (Lane Centering) Interruptions

Minor
106
Major
94

