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Wireless Sensor Networks in Transportation

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What are Those Markings in the Pavement?

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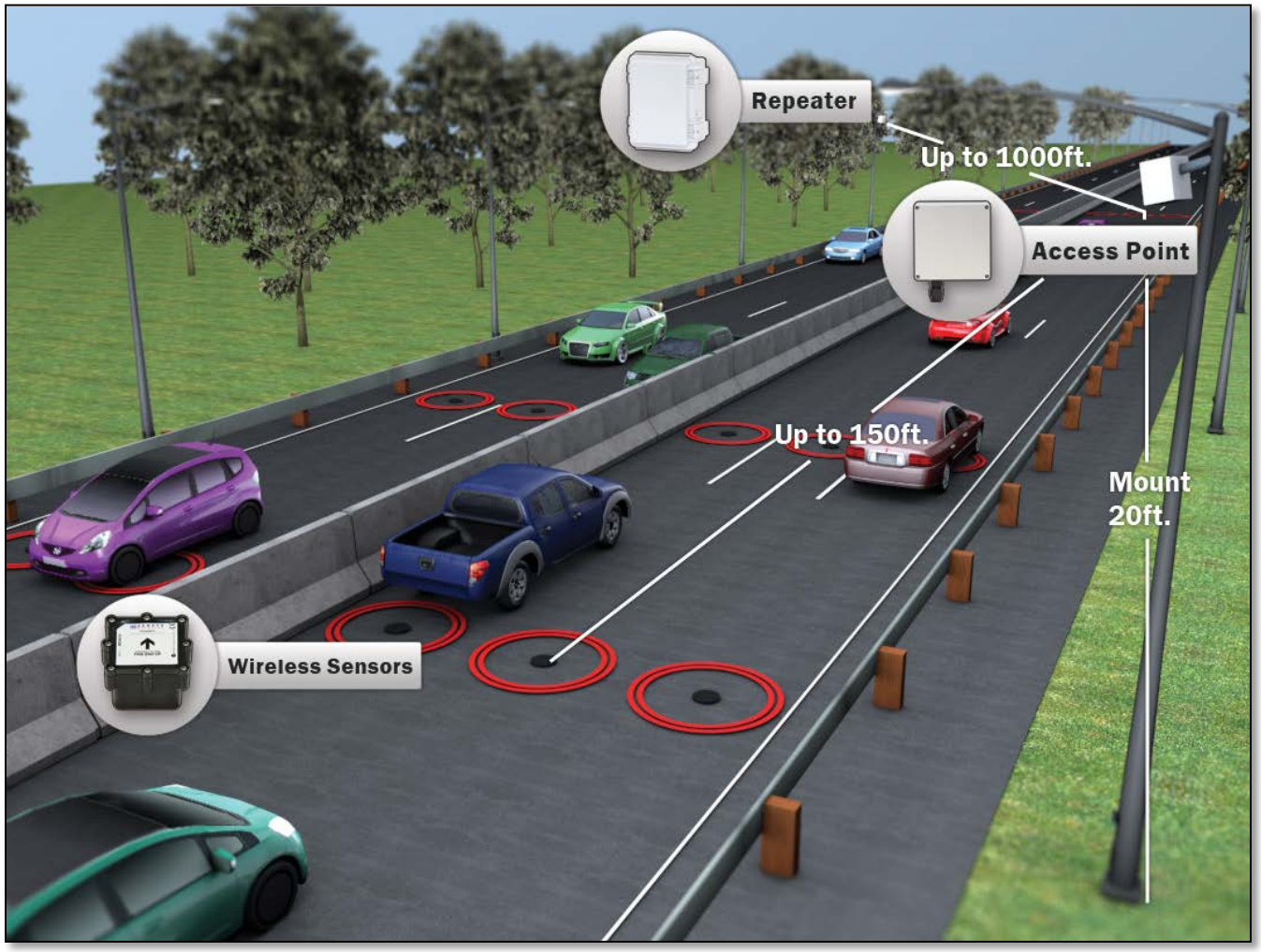
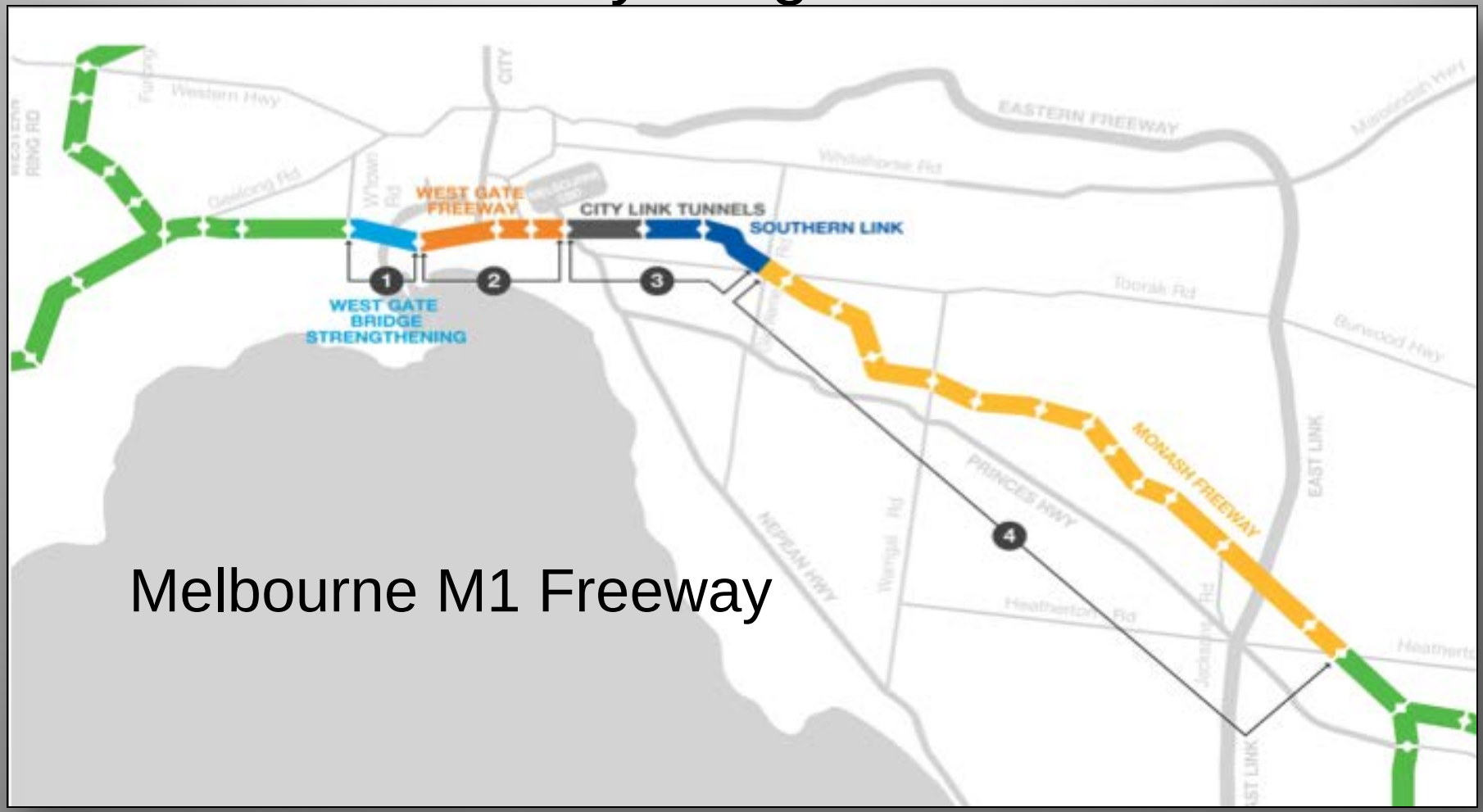
A More Modern Solution

A Typical Installation



Enabling Road Management

On A Very Large Scale



final_freewayMgtSys-v3.wmv

Vehicle Re-Identification

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St Louis Arterial Travel Time System

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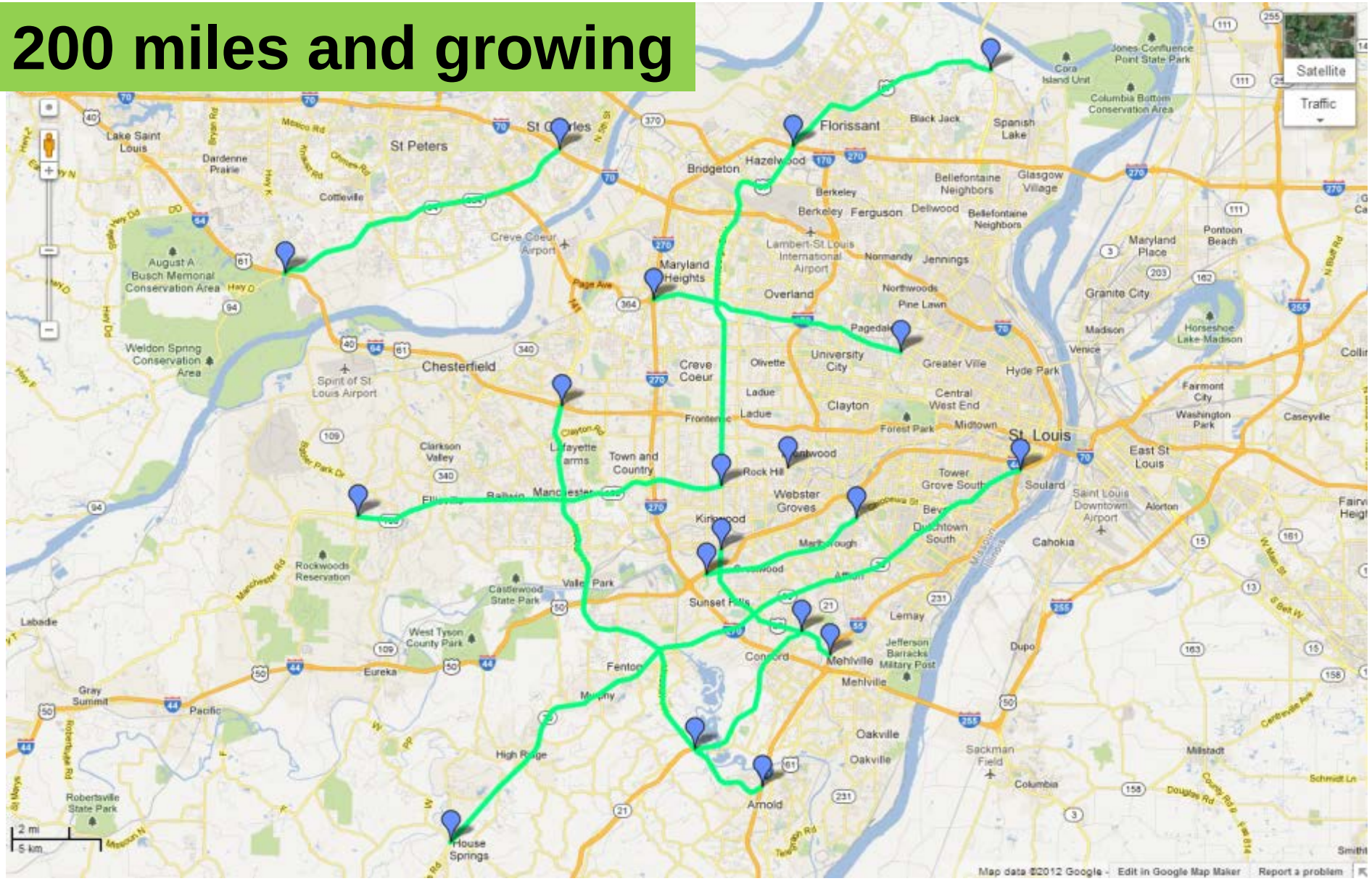
200 miles and growing



Travel Route Optimization

- Real time
- Accurate
- Reliable
- High praise from traveling public

Cop

Performance Measures

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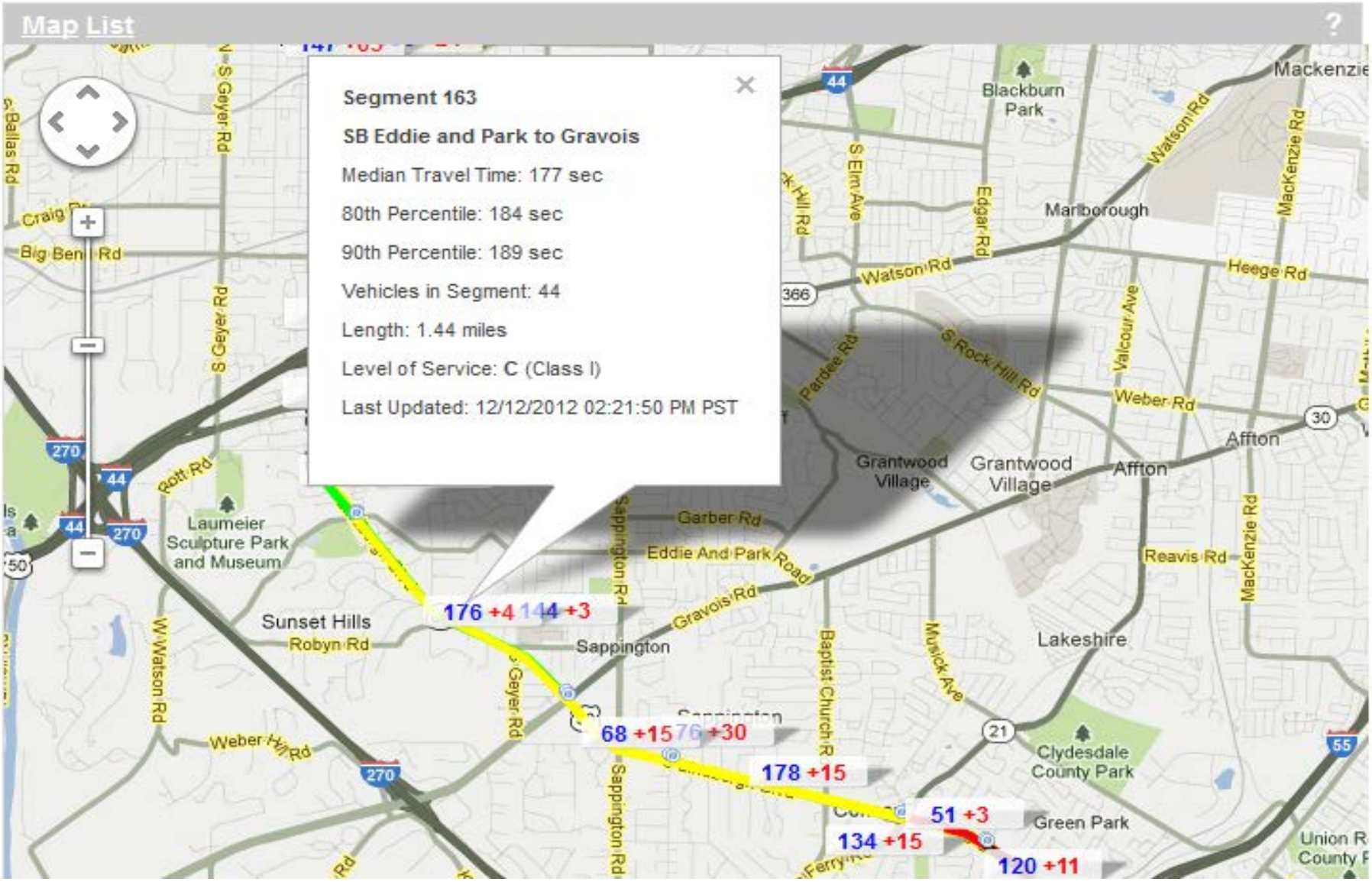
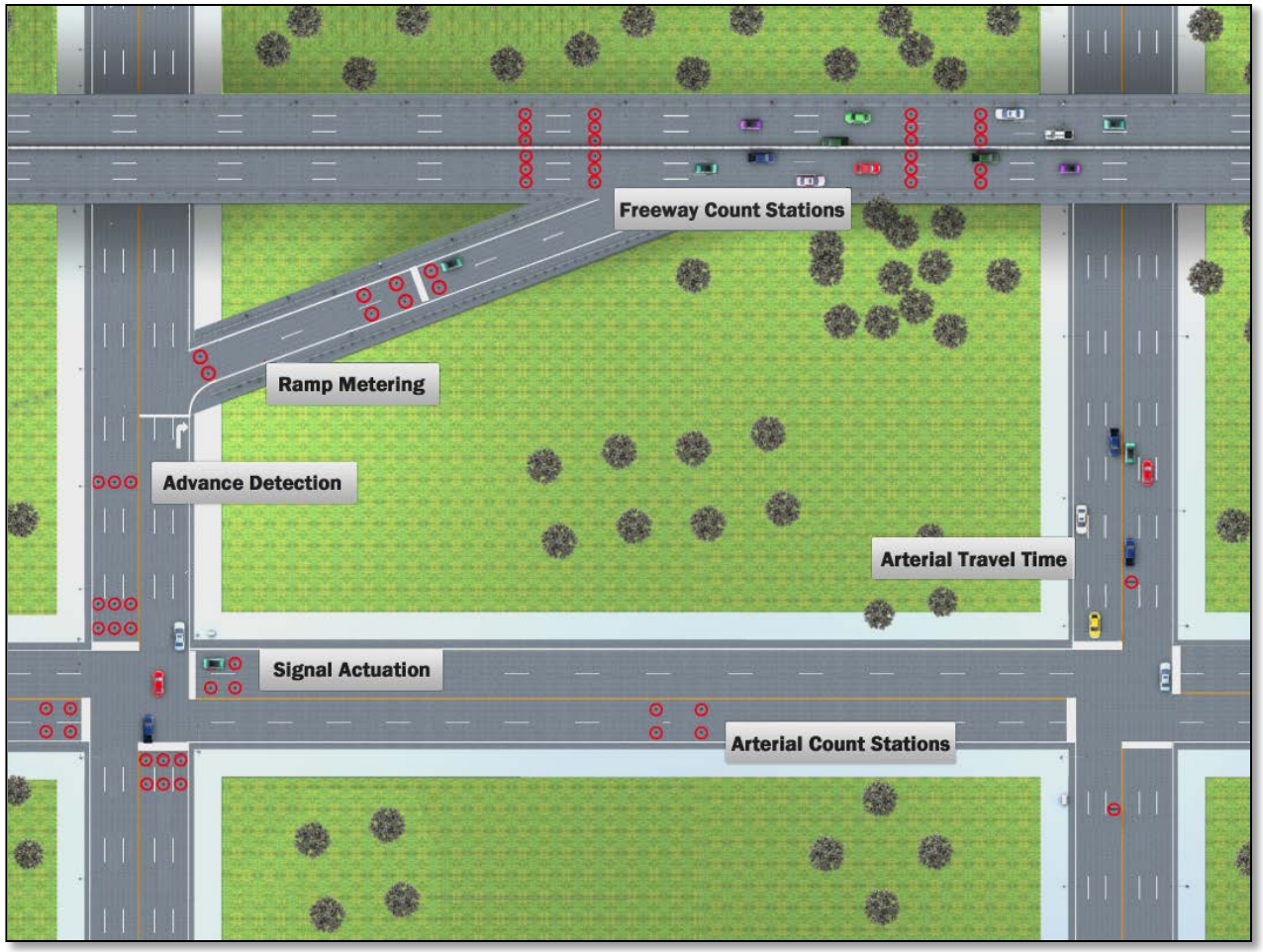
Travel time for U.S. 67 - South



New Reality: Data Poor to Data Rich

- Instrument entire regions in weeks
- Rich new set of data
- Near-zero maintenance



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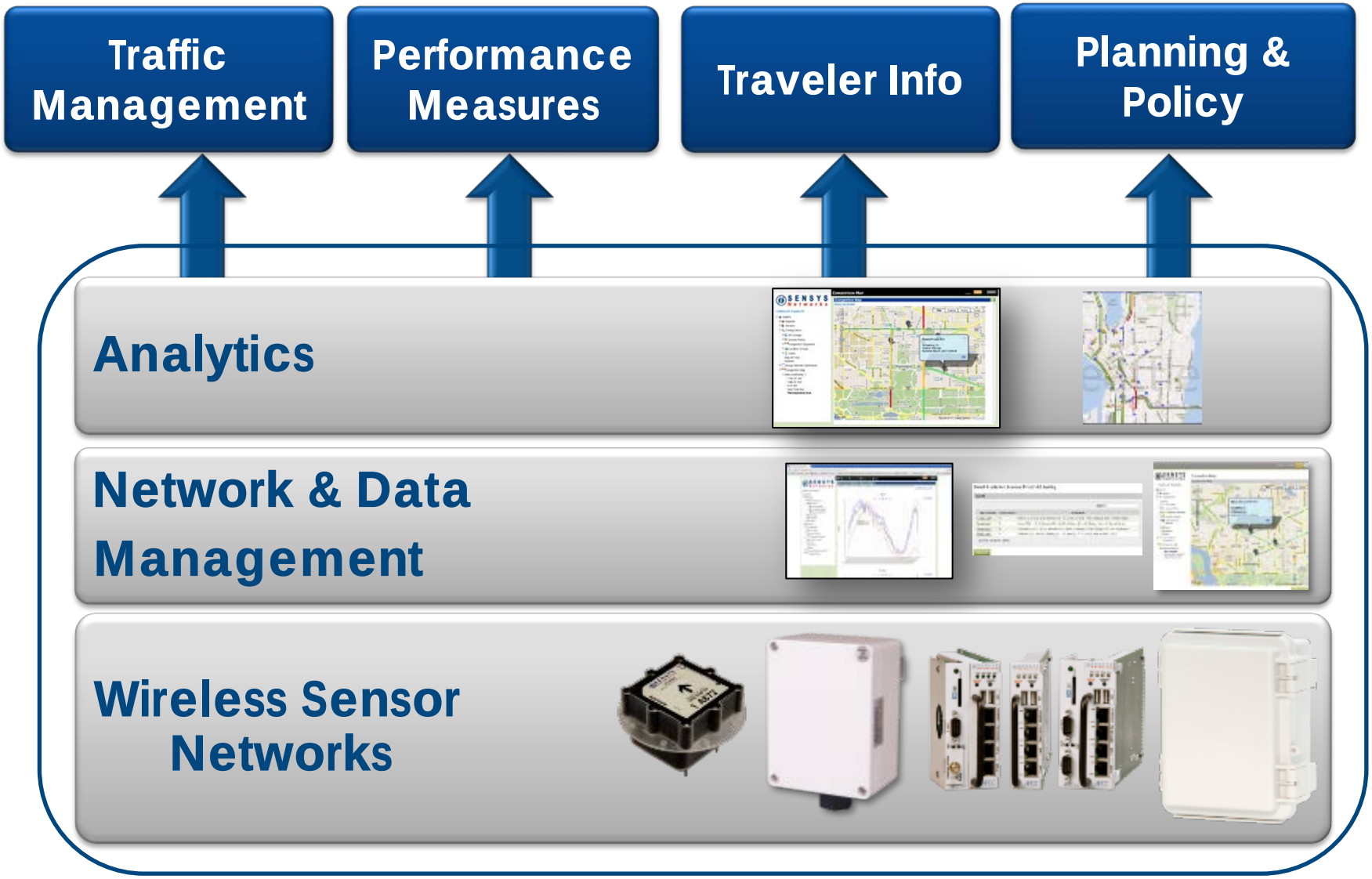
Analytical Foundation for Smarter Transportation



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Thank You

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