Big Data “Triage” Before Modeling

Laura Schewel

StreetLight Data

laura.schewel@streetlightdata.com

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Modeling is Time and Money-Consuming

Big Data Can Help You Improve the Process

Video shows a subset of Oct 8, 2017 in San Bernardino

NOVA Demonstrated How to Only Model the Highest Impact Locations for TDM

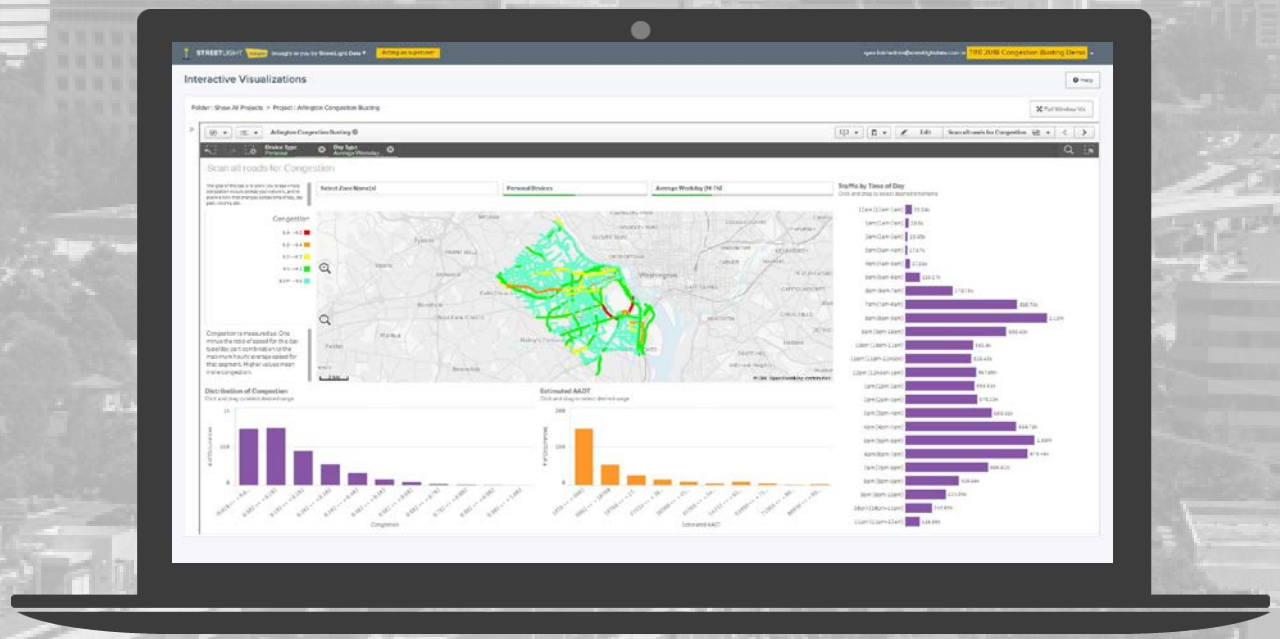
TDM / Congestion Mitigation

TDM Priorities in Northern Virginia

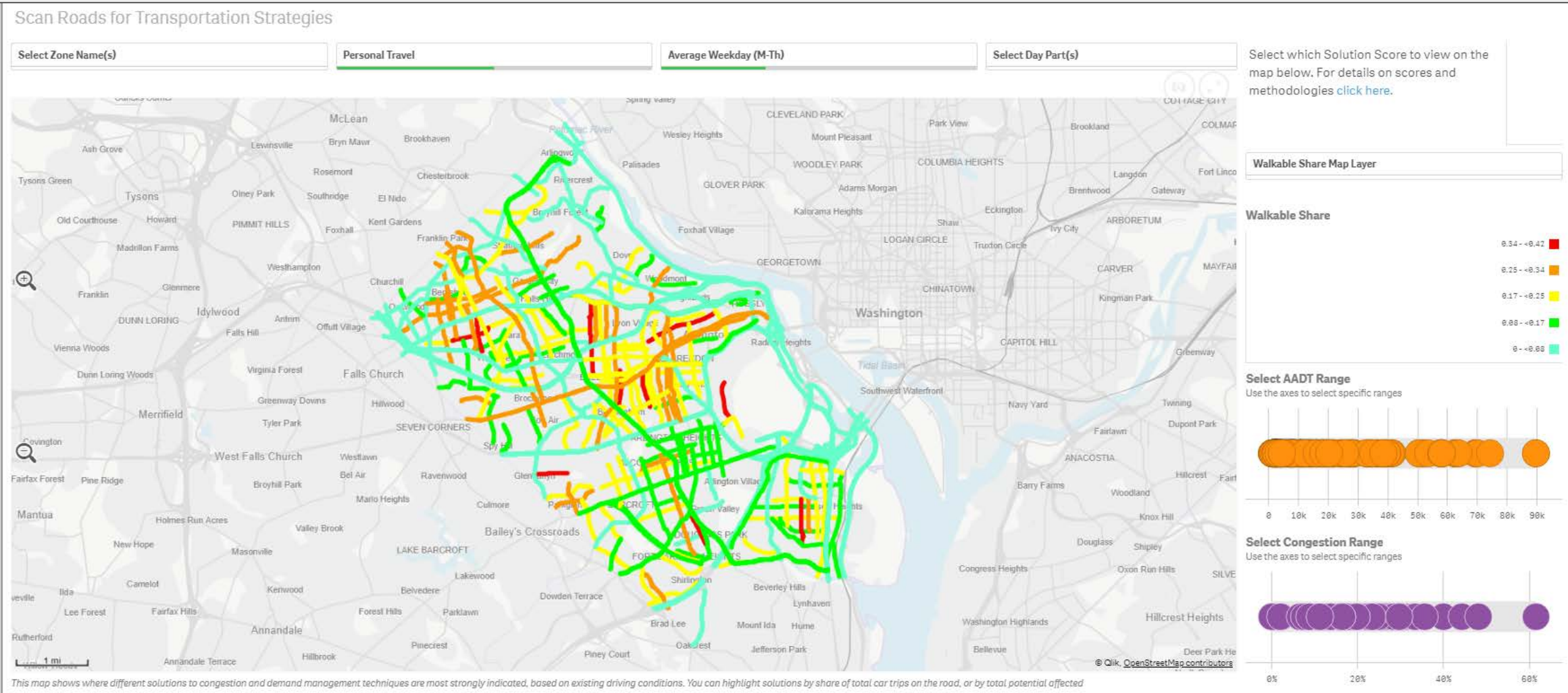
Need: Where are the big "bang for our buck" opportunities for bike, ped, and transit investments?

Why: Only spend time modeling great options

Time to Run: 15 min

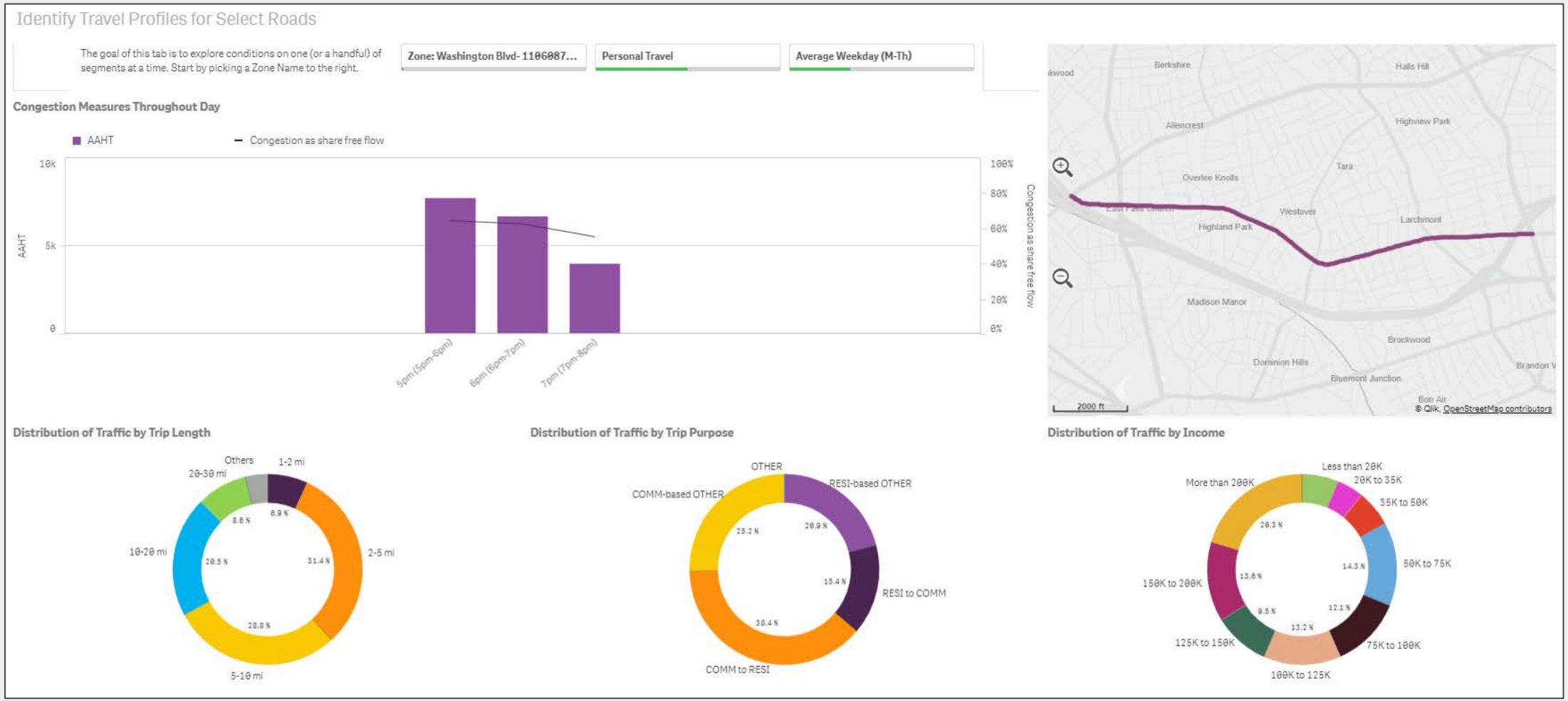


Use Big Data to Identify the Highest Modeling Priorities

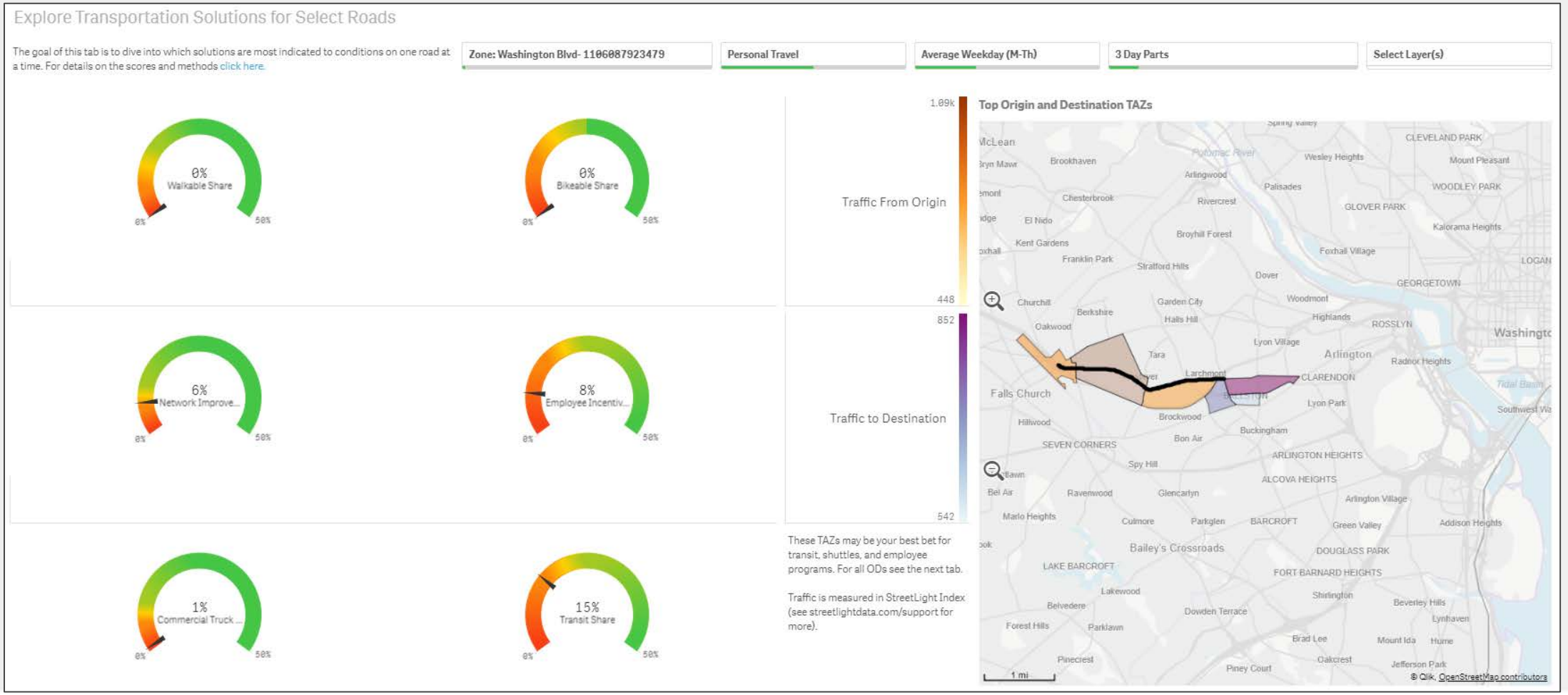


This map shows where different solutions to congestion and demand management techniques are most strongly indicated, based on existing driving conditions. You can highlight solutions by share of total car trips on the road, or by total potential affected

Drill Down on Causes of (And Solutions to) Congestion on Specific Roadways



Combine Big Data Analytics to Identify High Potential Project Opportunities



Now You Have Empirical Data to Help You Decide Which Models to Build First

Thank You
Q&A

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