PROJECT PIPELINE

Board Update

September 14th, 2021













Project Pipeline - Overview

Program Goals:

- Focus planning/project development on CTB VTrans priorities
- Streamline project planning and improve project readiness
- Improve and develop tools make use of powerful data and improve collaboration
- Solve more problems with limited transportation dollars

Project Pipeline builds on the success of VDOT's STARS program

• **STARS recommendations** submitted in SMART SCALE have had an **80% funding success rate**





Project Pipeline – Focus on Board Priorities



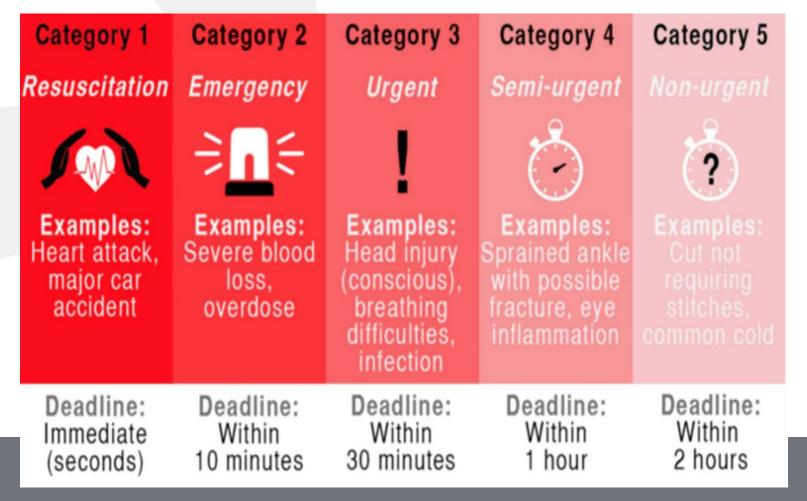
VTrans **PRIORITY LOCATIONS** are identified based on overlap and intensity of *multiple need categories* that are affecting transportation system health and performance. Doctor's will focus on a patient with overlapping risk factors (obese, high blood pressure, diabetes, high cholesterol, etc) before a patient with one risk issue (high blood pressure)



Project Pipeline – Limited Resources

-DRPT-

...a triage approach to addressing transportation challenges



Conception of Intermodal Planning and Investment

Project Pipeline – Selecting Study Locations

- Used the following guidelines:
 - Five locations per District
 - VTrans priority 1 needs
 - Remove locations to be addressed by funded projects Six Year Plan, NVTA, CIPs, etc.

- Remove locations with previous and current STARS/AMPS/Corridor Studies
- Look for high benefit Round 4 SMART SCALE that were not funded
- Potential study locations reviewed with District Board member and 5 locations finalized

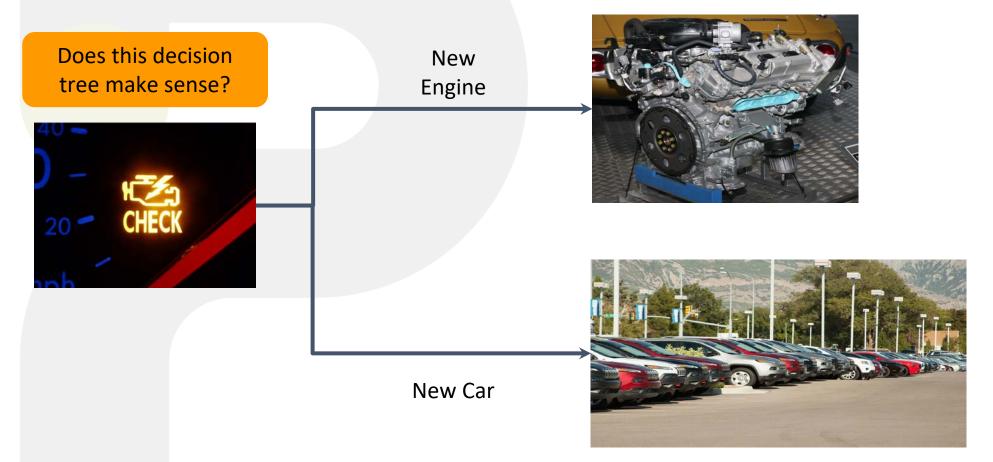


Project Pipeline - Improving Planning and Readiness

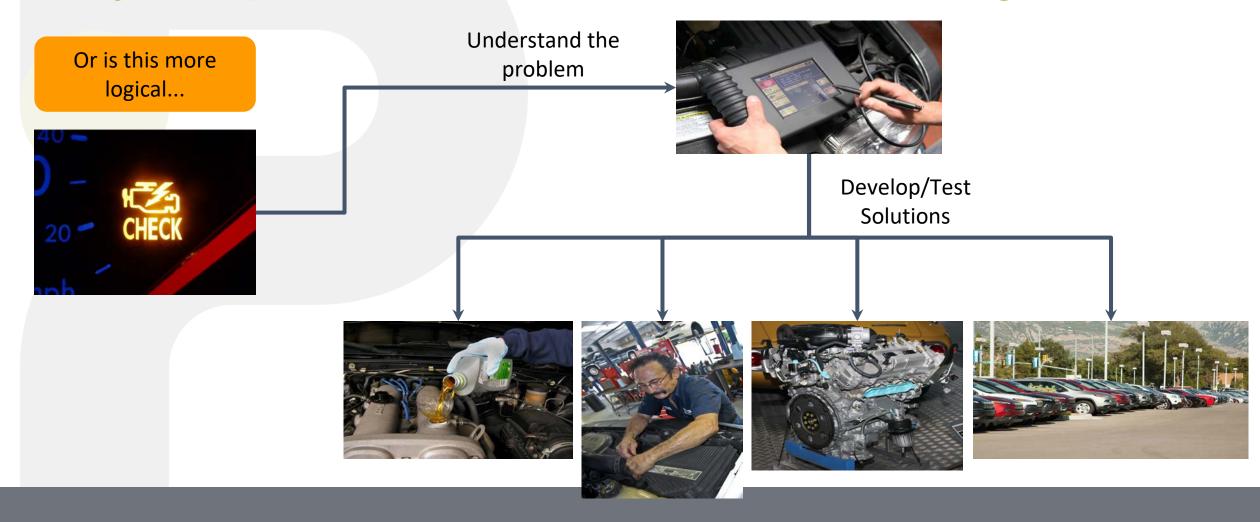
Paradigm Shift – Project Selection

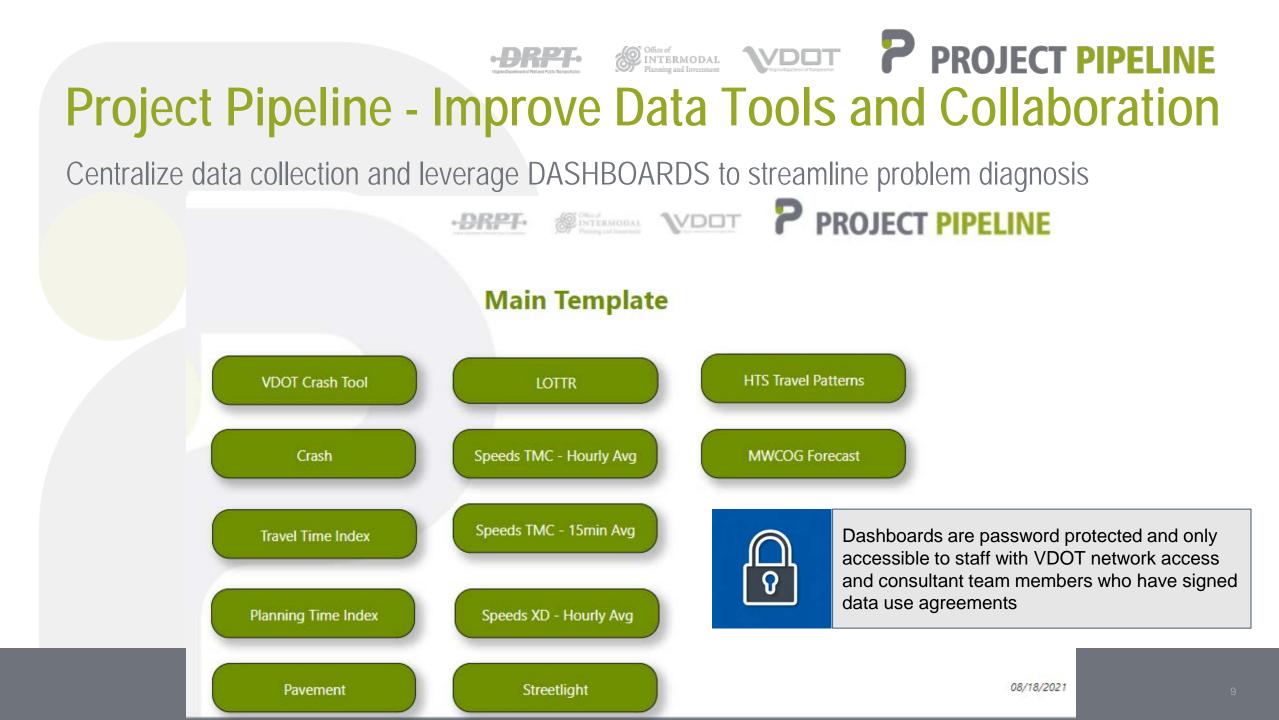


Project Pipeline - Performance Based Planning



Project Pipeline - Performance Based Planning





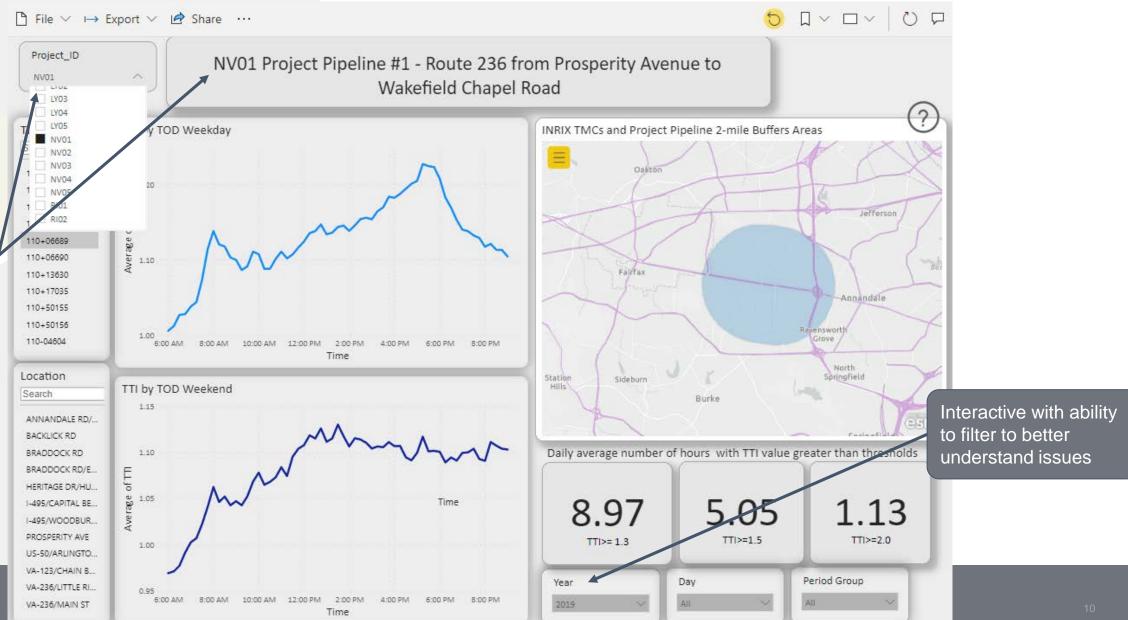
TTI Dashboard

Data is

related to

Location

each Study

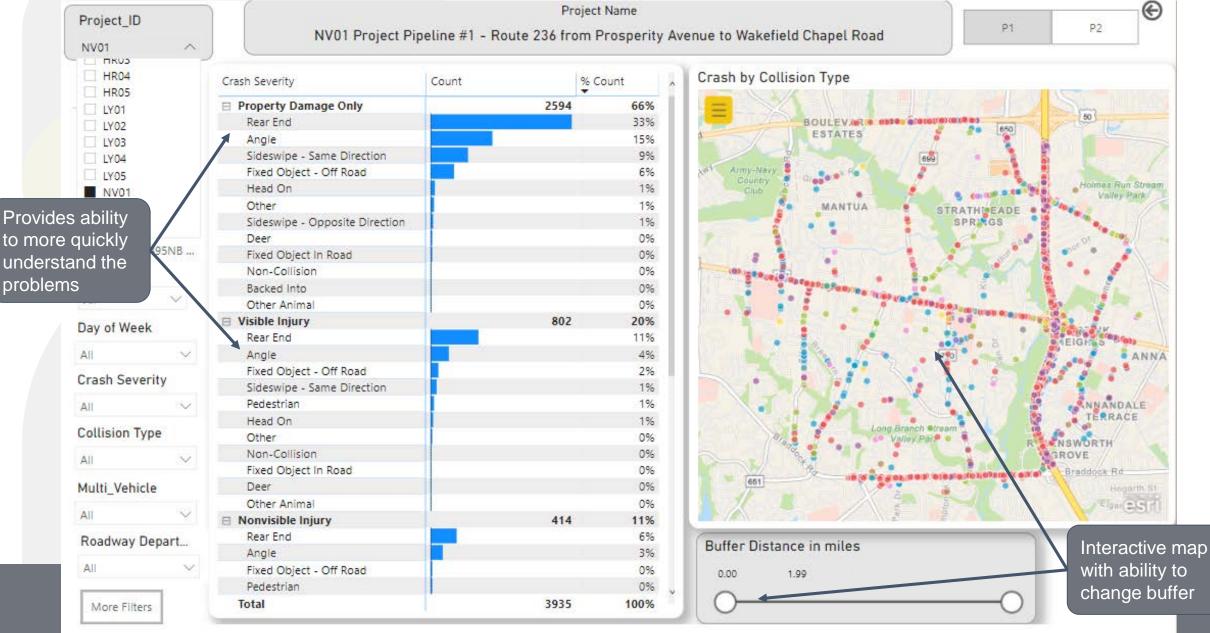


Office of INTERMODAL Planning and Investment **VPDT PROJECT PIPELINE**

Crash Dashboard



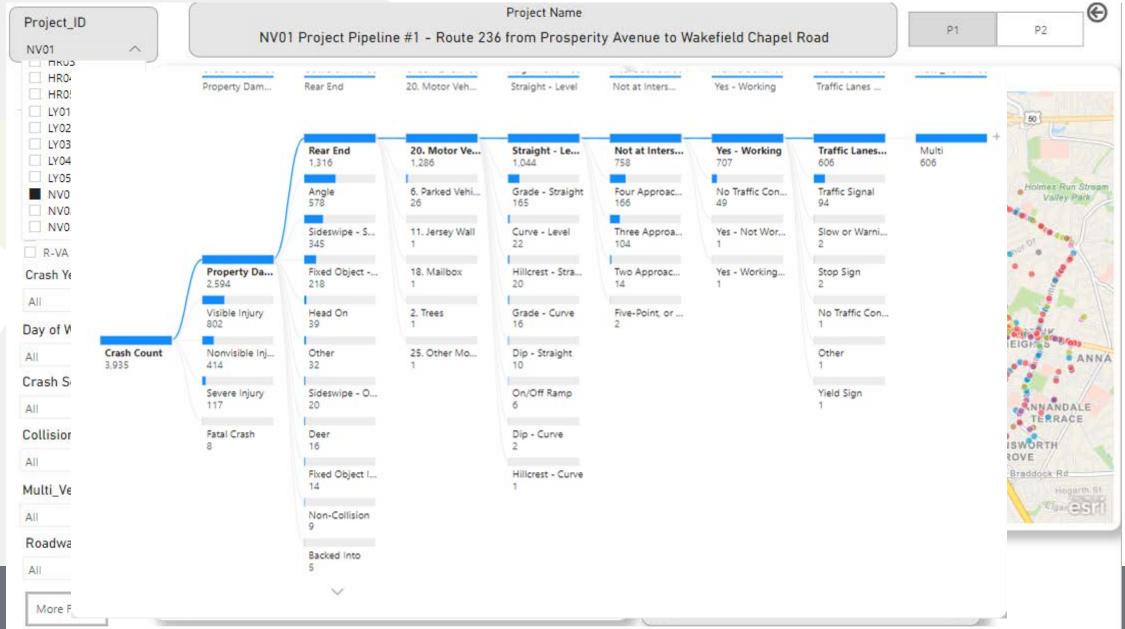




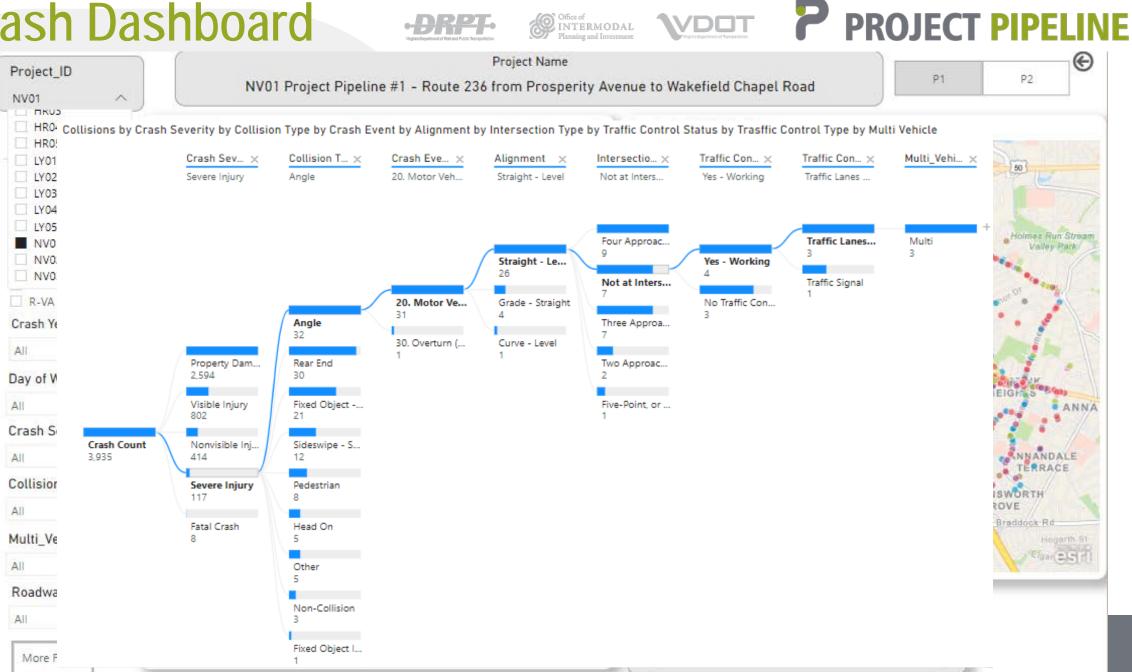
Crash Dashboard







Crash Dashboard

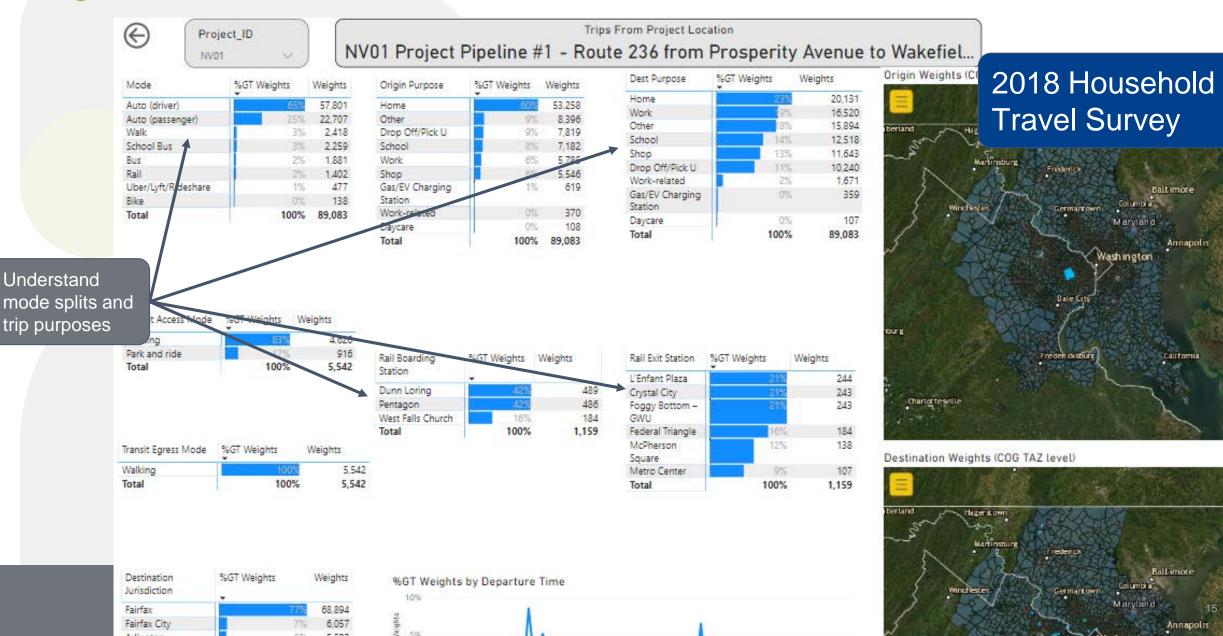




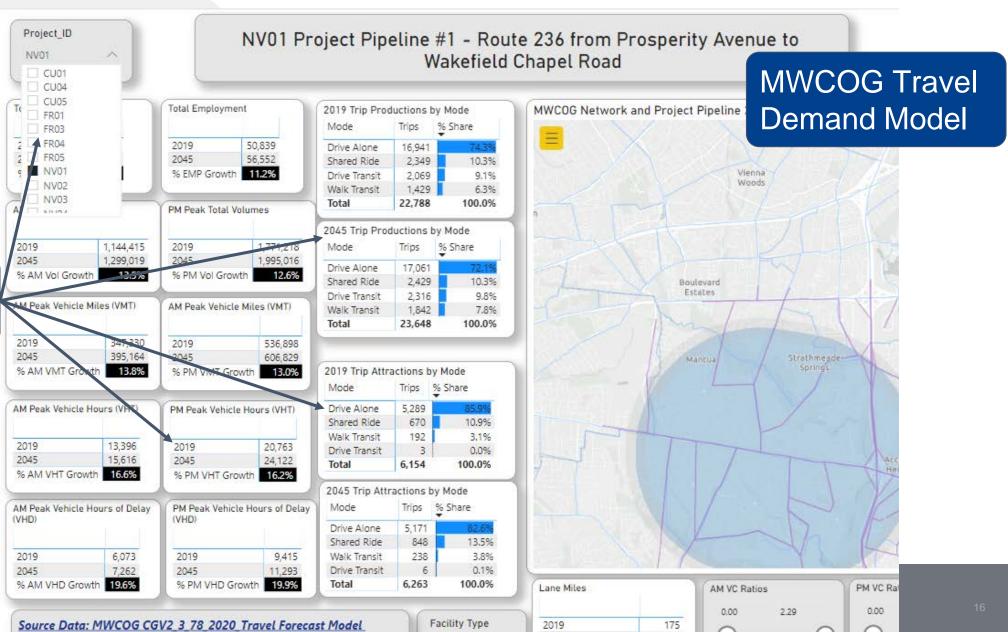




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Understand current and projected travel demand and behaviors

Streetlight Data



PROJECT PIPELINE



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Timeline



Completed:

- Finalize study locations and issue Phase 1 task orders
- Hold initial coordination meetings local partners

Phase 1 - Underway - August/October

- Analysis to understand problems (VTrans needs) and the causes
- Develop range of potential alternatives to improve performance

Phase 2 - October/December

- Stakeholder engagement and feedback
- Develop multimodal investment strategy

Phase 3 - January/March

• Investment strategy cost estimation and refinement





Project Pipeline

QUESTIONS?