

IMPROVE 81

I-81 CORRIDOR IMPROVEMENT PROGRAM

I-81 Committee Briefing

Dave Covington, PE

I-81 Program Delivery Director

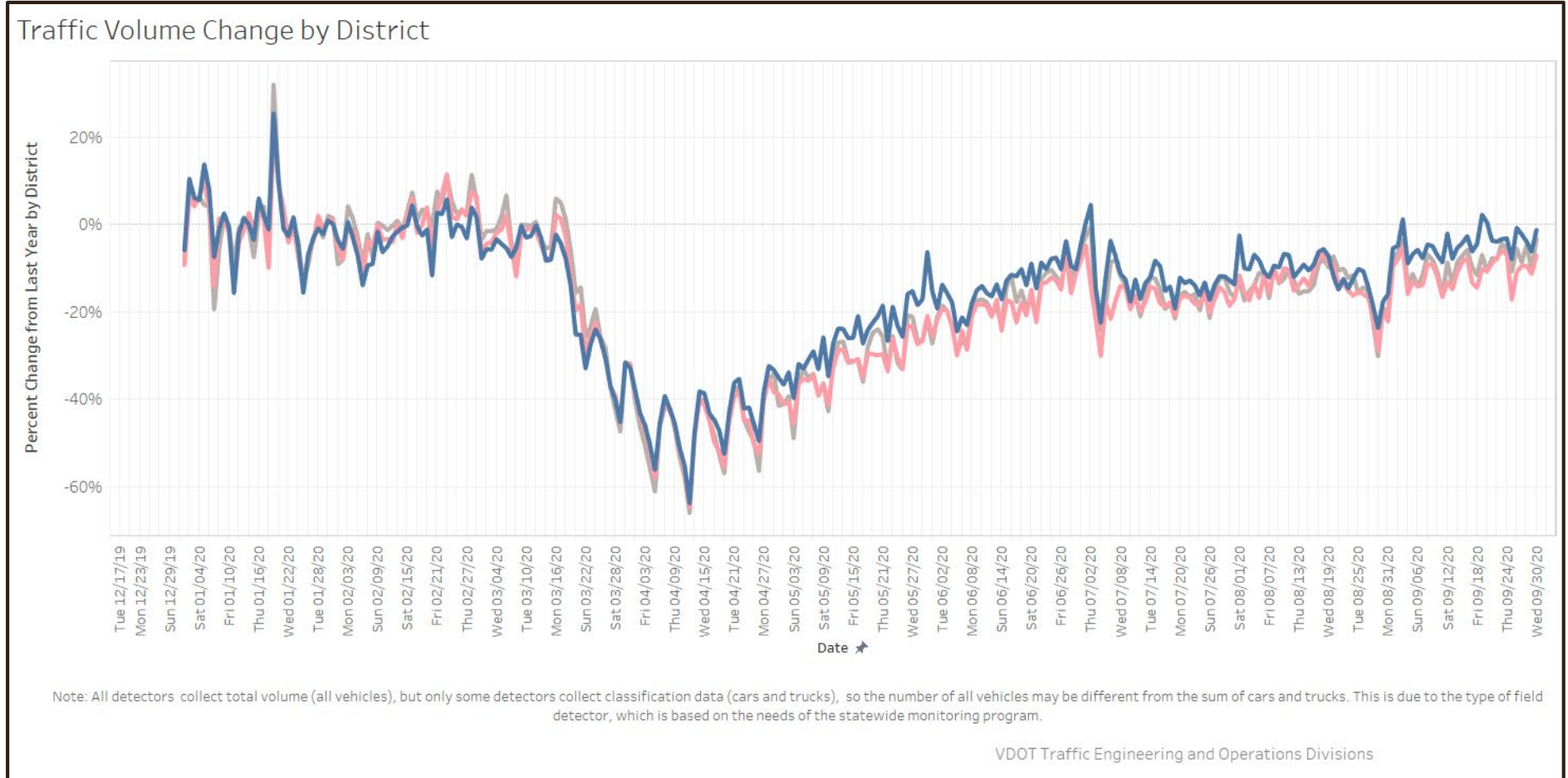
October 23, 2020

I-81 Corridor Traffic Impacts Related to COVID-19

All Vehicle Types

District

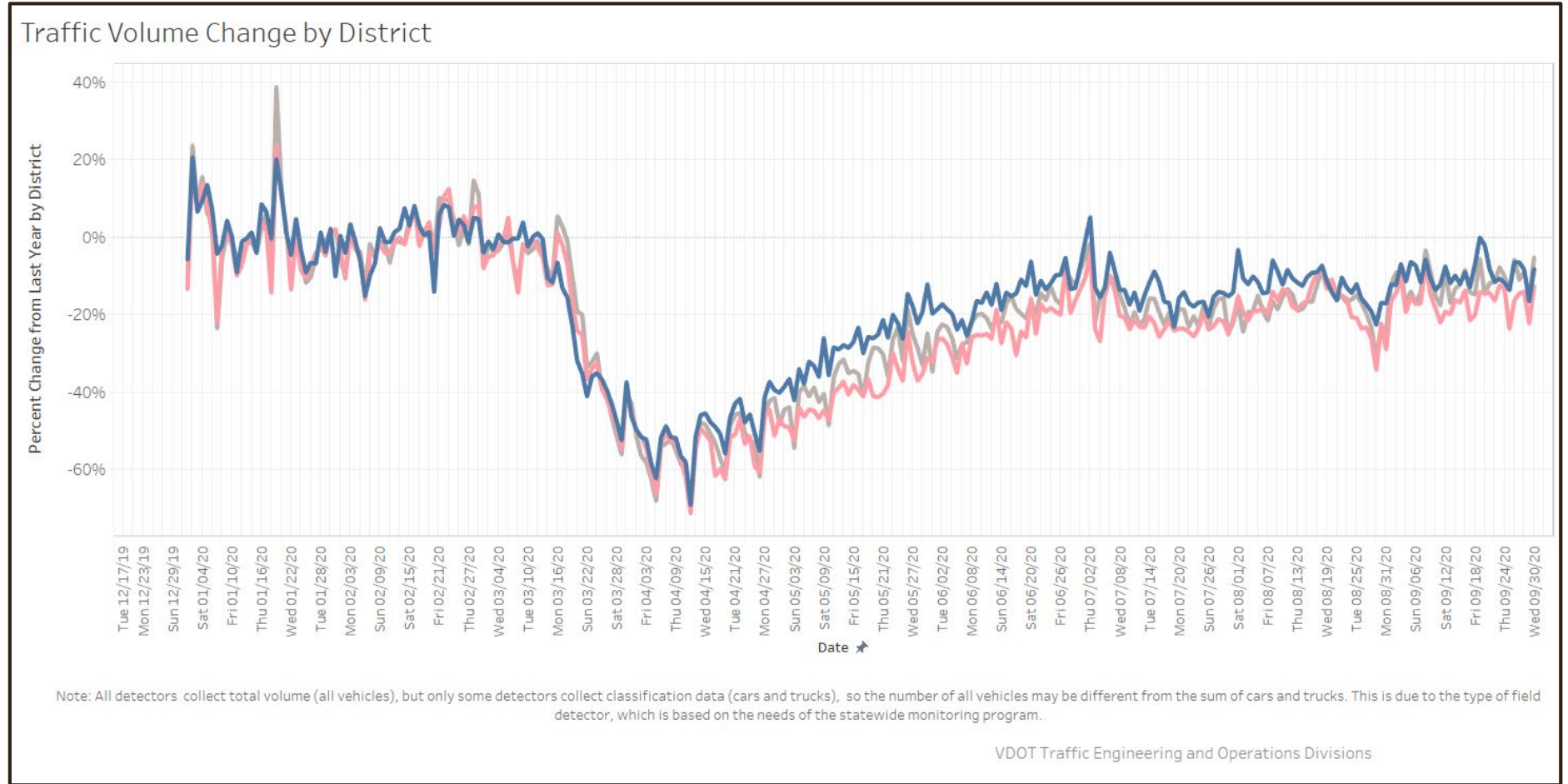
- Bristol
- Salem
- Staunton



I-81 Corridor Traffic Impacts Related to COVID-19

Passenger Vehicles Only

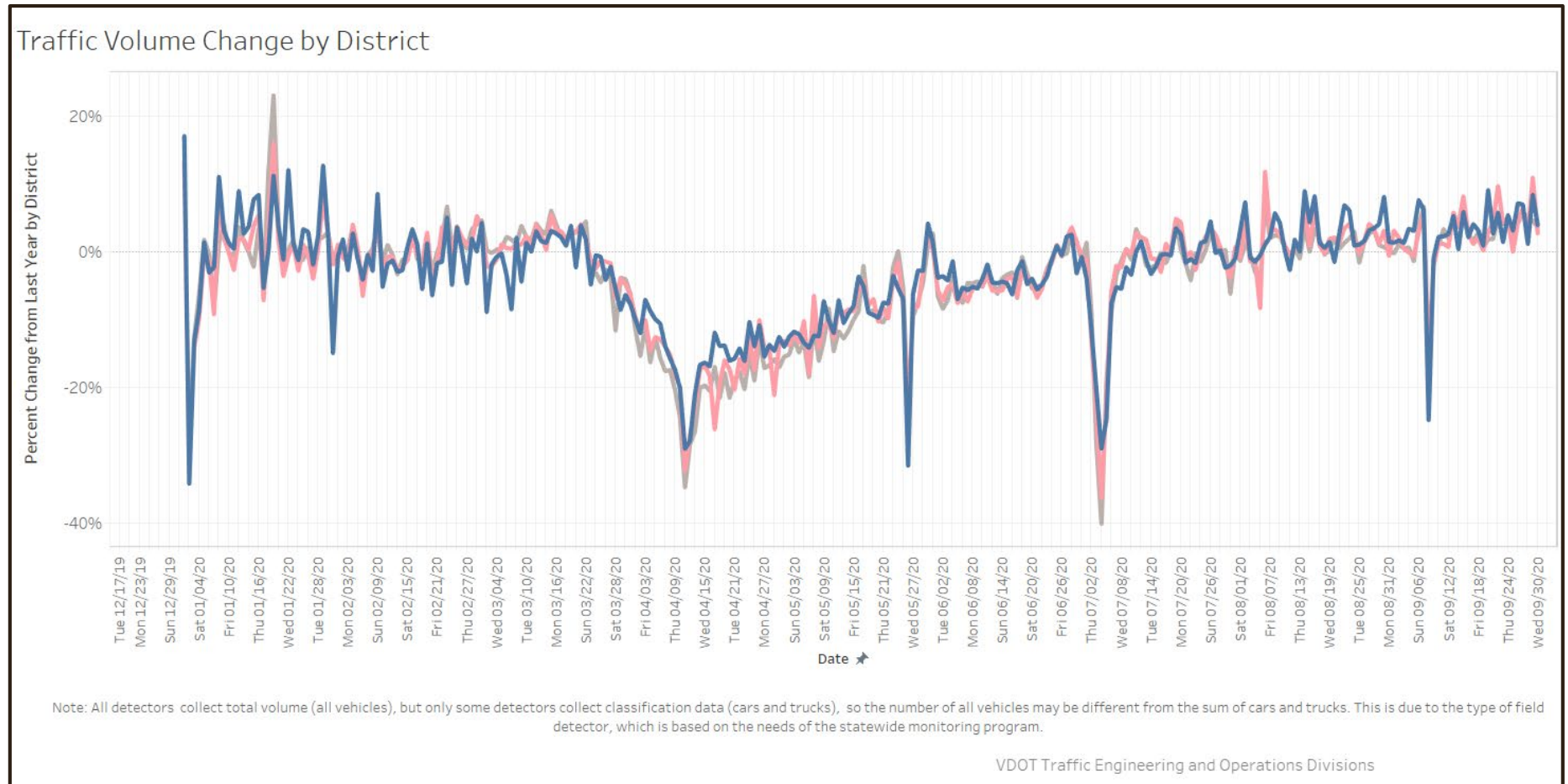
- District
- Bristol
 - Salem
 - Staunton



I-81 Corridor Traffic Impacts Related to COVID-19

Trucks Only

- District
- Bristol
 - Salem
 - Staunton



Project Development Process (Capital Projects)



Status

16 Projects

0 Projects

32 Projects

0 Projects

8 Projects

Capital Improvement Project Status - Bristol

Bristol District

- 7 projects under design by VDOT staff
- 6 projects under design by on-call consultant
- 2 projects under design by project-specific consultant (procured)
- 1 Design-Build project under design for December 2020/January 2021 advertisement
- 2 projects – Construction Complete
- Of the 18 current SYIP projects in the District, all are currently under design or have completed construction

Capital Improvement Project Status - Salem

Salem District

- 2 projects under design by VDOT staff
- 0 projects under design by on-call consultant
- 1 project under design by project-specific consultant (procured)
- 2 Design-Build projects, bundled and advertised (Request for Qualifications), Request for Proposals will be advertised in October 2020.
- 1 project - Construction Complete
- Of the 6 current SYIP projects in the District, all are currently under design or have completed construction

Capital Improvement Project Status - Staunton

Staunton District

- 6 projects under design by VDOT staff
- 1 project under design by on-call consultant
- 2 projects under design by project-specific consultants (procured)
- 0 Design-Build projects
- 5 projects – Construction Complete
- Of the 16 current SYIP projects in the District, 14 are currently under design or have completed construction
- 2 projects, bundled, are currently under contract negotiation for design services (Weyers Cave Truck Climbing Lanes NB and SB)

Operational Improvement Project Status

Corridor-wide Operational Improvements

- Curve Improvements (static and flashing Chevron signs) - Complete
- Safety Service Patrol Enhancements – Complete
- Lift and Tow - Complete
- Towing and Recovery Incentive Program – Underway with implementation scheduled for March 2021
- Traffic Camera Installations – 42 cameras now on VA 511, 8 awaiting integration to VA 511 (viewable to the Traffic Operations Center), 1 awaiting electric service installation.
- Changeable (Digital) Message Signs – Under construction, ahead of schedule, fixed completion date October 28, 2021

Arterial Improvement Project Status

Corridor-wide Arterial Improvements

- Signal upgrades –
 - Planning and design underway in concert with locality coordination for signal system integration into VDOT central signal system in all three Districts.
- Parallel Route upgrades –
 - Minor geometric improvement projects to facilitate access to and from I-81 during incidents under design for construction in the near future.

Communications Status

Corridor-wide Communications

- Development of Communications Plan – Complete
 - Communications Plan has been updated based on COVID-19 guidelines, specifically related to public involvement and in-person communication events.
- Development of Program-specific website – Complete
 - improve81.org
- Informational Products on website:
 - Development of Briefing Package – Complete
 - Development of Speaker's Bureau – Complete

Takeaway Scorecard

Activity	Status	Anticipated Completion
Curve improvements (8)	Complete	Fall 2019
Initial accel/decel lane extensions (8)	Complete	Fall 2020
Safety Service Patrol Expansion	Complete	July 2019
Additional Cameras (51)	Nearly Complete	Spring 2020
Additional Changeable Message Signs	Underway	October 2021
Arterial Upgrades	Underway	Varies by project
Remaining capital projects (32)	Underway	Varies by project

Next Steps

- Continue Design of Capital Improvement Projects
- Complete Traffic Camera Installations (Electric service and VA 511 Integration)
- Complete Procurement of Program's First Design-Build Contract in Salem District (Exit 137 – Exit 141)
- Advertise Ramp Extension projects in Staunton District (December). Includes Exit 304, Exit 296, and Exit 291 bundled into a single construction contract
- Award Project ID 26 (MM 16.6 – MM 16.7 SB) construction contract (Advertised September 8th)
- Advertise Single Phase Design Build Project in Bristol District
- Begin Arterial Improvements construction
- Execute TRIP Program