

# IMPROVE 81

## I-81 CORRIDOR IMPROVEMENT PROGRAM

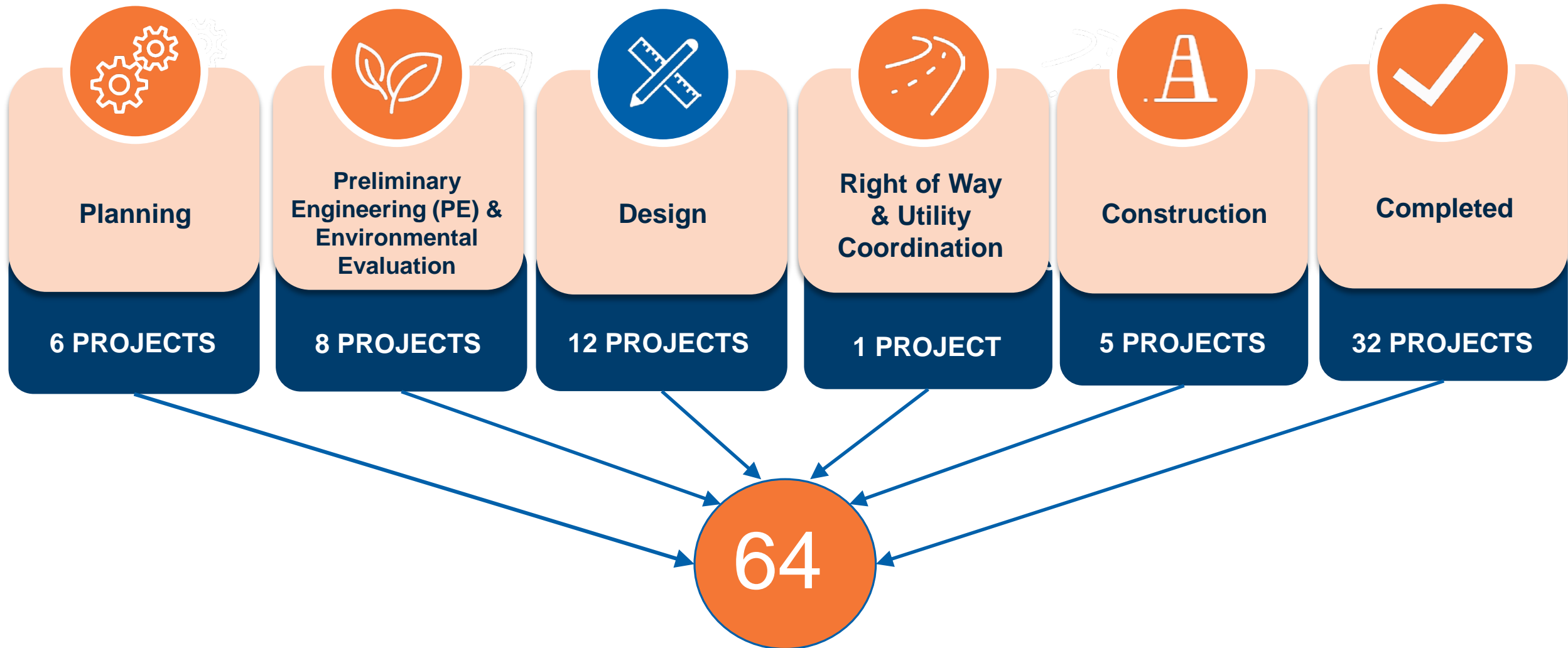
### I-81 Leadership Briefing

**Dave Covington, PE**

I-81 Program Delivery Director

Spring 2023

# Project Development Process (Capital Projects)



# Capital Improvement Project Status – Bristol District

- **Completed Projects:**

- Mile Markers 18 NB & SB, 22, and 68 Curve Improvements
- Exit 19 Deceleration Lane Extension (Abingdon)
- Exit 26 SB Acceleration Lane Extension (Emory)
- Exit 26 SB Deceleration Lane Extension (Emory)
- Exit 39 SB Acceleration Lane Extension (Seven Mile Ford)
- Bundle project (Exit 39 NB Decel, Exit 39 SB Decel, Exit 43 SB Accel)
- Exit 47 NB Acceleration Lane Extension, single phase Design-Build project (Marion)
- Auxiliary Lane – Exit 54 SB Entrance Ramp to Smyth Safety Rest Area (South of Rural Retreat)
- Exit 67 NB Deceleration Lane Extension (South of Wytheville)
- Exit 84 SB Deceleration Lane Extension (North of Fort Chiswell)

# Capital Improvement Project Status – Bristol District

- **Projects Under Construction:**

- Exit 17 SB Acceleration Lane Extension (Abingdon)
- Exit 47 SB Acceleration Lane Extension
- Truck Climbing Lane - Exit 39 NB Entrance Ramp to mile marker 40.6

- **Upcoming Projects:**

- Exit 72 NB Decel Extension and I-77 Exit 41 to I-81 SB Exit 72 Auxiliary Lane – Design-Build with RFQ expected in 2023. (Wytheville) - RFQ expected in Spring/Summer 2023
- Auxiliary Lane from Exit 73 to Exit 72 SB – Construction Ad Summer/Fall 2023
- MM 9.7 to MM 8.1 SB Widening to three lanes - Construction Ad Summer/Fall 2023
- Exit 32 to MM 33.5 NB Truck Climbing Lane - Construction Ad Summer/Fall 2023
- MM 34 to MM 33 SB Truck Climbing Lane - Construction Ad Summer/Fall 2023
- Extend I-77 Decel lane and reconfigure ramp NB (I-77) - Construction Ad Summer/Fall 2023

# Capital Improvement Project Status – Salem District

- **Completed Projects:**

- Exit 89 NB Acceleration Lane Extension (Pulaski)
- Mile Markers 172 to 176 NB & SB Curve Improvements
- Mile Marker 88 Curve Improvements
- Troutville Rest Area SB Entrance and Exit Extension (2 projects) - Troutville

- **Projects Under Construction:**

- Exit 137 to Exit 141 Widening NB and SB (Design Build, 2 projects bundled) - Salem

- **Upcoming Projects:**

- Mile Marker 116 to Exit 128 Widening NB – Constr. 2027 (Christiansburg to Ironto)
- Exit 128 to Exit 137 Widening NB Only – Construction 2027 (Ironto to Salem)
- Exit 143 to Exit 150 Widening NB & SB – Construction 2026 (Roanoke to Troutville)

# Capital Improvement Project Status – Staunton District

- **Completed Projects:**

- Exit 302 NB Accel, Exit 302 SB Decel, Exit 283 SB Accel
- Exit 269 NB Decel, Exit 279 SB Accel
- Exit 291 NB Accel, Exit 296 SB Accel, Exit 304 NB Accel
- Exit 205 SB Accel, Exit 205 NB Accel (Raphine)
- Mile Marker 272.3 Curve Improvements

- **Projects Under Construction: None Currently**

- **Upcoming Projects:**

- Exit 221 to Exit 220 SB Auxiliary Lane – Construction Fall/Winter 2023 (South of Staunton)
- Exit 221 to Exit 225 NB and SB Widening (Design-Build) – Construction Spring/Summer 2023 (Staunton)

# Capital Improvement Project Status – Staunton District

Continued from previous page:

- **Weyers Cave NB and SB Truck Climbing Lanes – Construction Spring 2025**
- **Exit 242 to Exit 248 NB and SB Widening – Construction Summer 2025 (Harrisonburg)**
- **Exit 299 to Exit 296 SB Widening – Construction Fall/Winter 2024 (Strasburg)**
- **Exit 313 to Exit 317 NB and SB Widening – Construction 2027 (Winchester)**

# Operational Improvement Project Status

- **Completed Projects:**
  - Safety Service Patrol Enhancements
  - Lift and Tow Devices on SSP Vehicles
  - Towing and Recovery Incentive Program (TRIP)
  - Traffic Camera Installations (51)
  - Digital Message Sign Installations (30)
  - Arterial Intersection Improvements (3)
- **Projects Under Construction:**
  - Arterial Signal Improvements (Bristol, Salem, Staunton Districts)
- **Upcoming Projects:**
  - Arterial Signal Improvements (Bristol, Salem, Staunton Districts)



# Arterial Improvement Project Status

## Corridor-wide Arterial Improvements

- **Signal upgrades –**
  - Design and Construction underway in concert with coordination with localities for signal system integration into VDOT central signal system along the entire corridor. Completion by 2025.
  - Some VDOT owned signal upgrades complete. Construction ongoing for remaining VDOT and Locality signals, completion of entire system by 2025.
- **Parallel Route upgrades –**
  - Minor geometric improvement projects to facilitate access to and from I-81 during incidents – construction complete.

# Communications Status



Safety Service Patrol



Troutville Rest Area



Traffic Operations Center/  
Customer Service Center



Exit 205



Exit 137 to Exit 141  
Widening



Digital Message Signs



Wytheville Interchange  
Improvements



Harrisonburg Widening



Staunton Area  
Auxiliary Lane



Arterial Improvements



Picking the Projects



Bristol District Truck  
Climbing Lanes



Strasburg Area Widening



Troutville Rest Area  
Temporary Closure



Staunton Area Widening

## Published to date









- 19 videos
- 20 podcasts
- 9 newsletters

Visit [improve81.org](http://improve81.org) for more information.

# Takeaway Scorecard

Operational  
Projects

Capital  
Projects

Projects	Status	Anticipated Completion
Improved Incident Clearance 	Complete	Spring 2021
Safety Service Patrol Expansion 	Complete	Summer 2019
Additional Cameras (51) 	Complete	Spring 2020
Additional Digital Message Signs (30) 	Complete	Fall 2021
Arterial Upgrades 	Underway	VDOT and Locality signals underway, All complete by 2025
Completed Projects (32) 	Complete	Spring 2022
Active Construction Projects (5) 	Underway	Varies
Remaining capital projects (27) 	Upcoming Projects	All complete by 2033

# Program Website – Learn More!

