



1



SMART SCALE ROUND 6
MPO SMART Scale Application Update

| Charles Proctor

March 26, 2024

The image is a slide layout. In the top right corner, there is a small VDOT logo. The main content is centered and includes the title 'SMART SCALE ROUND 6' in a large, bold, blue font, followed by the subtitle 'MPO SMART Scale Application Update' in a smaller, blue font. At the bottom left, there is a vertical orange bar followed by the name 'Charles Proctor' in a blue font. At the bottom right, the date 'March 26, 2024' is displayed in a small, blue font.

2

CAMPO – Current SMART Scale Project List

- 5th St.- I64 Interchange Improvements
 - Initial Study is complete (includes Framework document for the Interchange)
 - Initial Concepts have been developed
 - Public Survey is schedule to go live next week
- US 250 – Pantops Corridor Pipeline Study recommendations
 - Rolkin Road/US250 and Peter Jefferson Parkway/US250 and Park and Ride Lot
 - Crash summary update is under development
 - Final Concept and Cost Estimate are under development
- Barracks Rd Pipeline Study (Bypass Interchange and SUP to Emmet St.
 - Preferred alternatives for corridor are identified.
 - Framework document for the Interchange is being finalized.
 - Final Report, Concept and Cost Estimate are under development.
- Barracks Rd Pipeline Study (Entire Study Recommendation)
 - Same as above



3

5th St Interchange Study – DDI Scenario

- Reduces the crashes through limiting and separation of the conflict points.
- Improves operations by reducing the number of signal phases at each intersection
- Provides Share Use Path in the center area between the lanes and crosswalks at the ramps.



4

US 250 - Pantops – Albemarle (1 of 2)

Adds crosswalks
across US 250
and sidewalk
along US 250
from Rolkin Rd
to State Farm

**Virginia Department
of Transportation**

Rolkin Road and Richmond Road (Rte 250) Pedestrian Improvements

Project Location

North Arrow & Scale

Legend

Date
7/1/2022

**Michael Baker
INTERNATIONAL**

Virginia Department of Transportation

5

US 250 - Pantops – Albemarle (2 of 2)

Closes Crossover
to Hotel Adds an
Eastbound Right
Turn Lane convert
intersection to a
Thru-cut, and add
a 50 space Park &
Ride lot with Bus
Pull Thru

**Virginia Department
of Transportation**

Route 250 Improvements and Park n' Ride US 250 & Peter Jefferson Parkway

Project Location

North Arrow & Scale

Legend

Date
09/18/2022

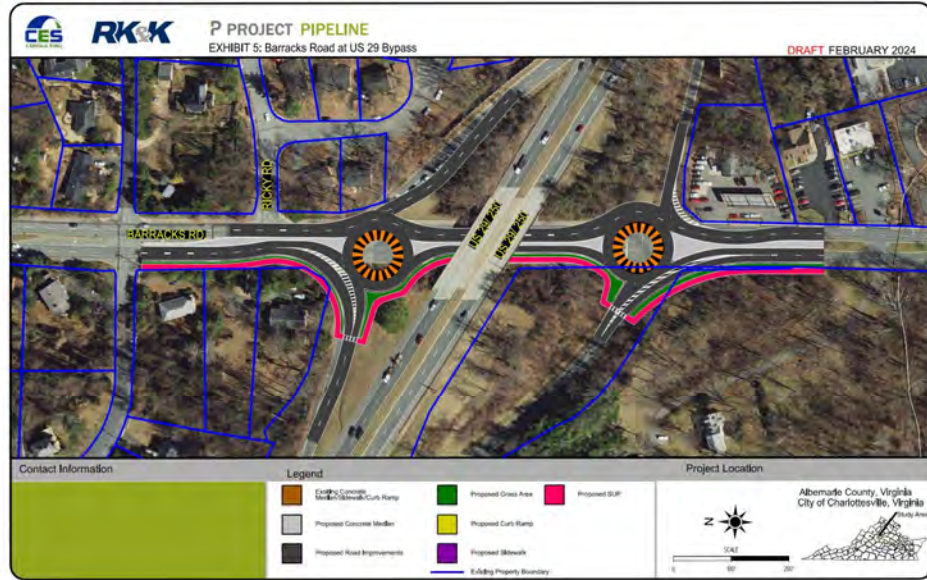
**Michael Baker
INTERNATIONAL**

Virginia Department of Transportation

6

Barracks Rd Albemarle/ Charlottesville (1 of 3)

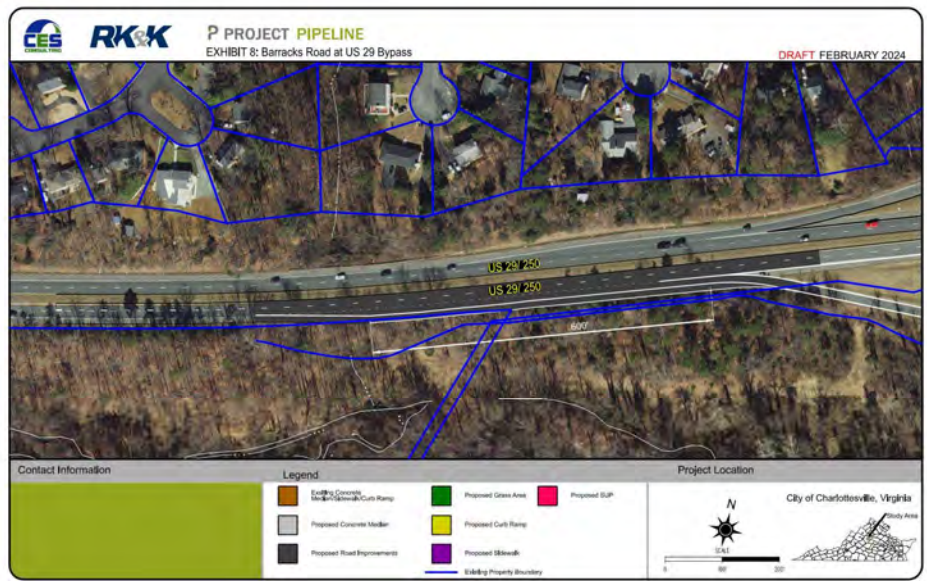
Bypass Ramp
Intersection
conversion to
Roundabouts
with SUP
through
Interchange



7

Barracks Rd Albemarle/ Charlottesville (2 of 3)

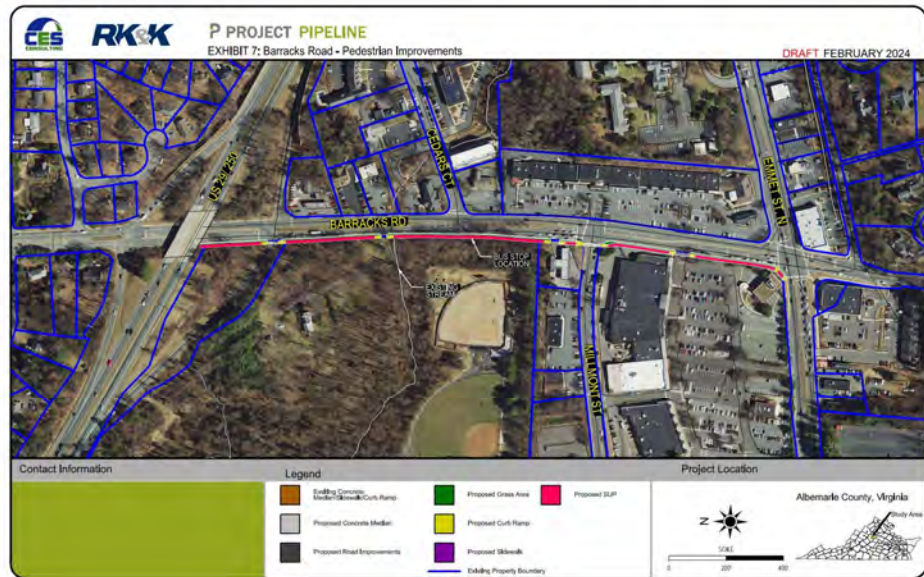
Northbound
Ramp
Deceleration
Lane extension



8

Barracks Rd Albemarle/ Charlottesville (3 of 3)

Shared Use
Path to Emmet
St.



9

SMART Scale Schedule

- Pre – Application Deadline is April 1, 2024
- Screening and Initial Validation April 1 to June 1, 2024
- June 1 Full Application Open (Application Refinement)
- July 15 Deadline for Supporting Documentation Due for all Application
- August 1 Full Application Submission Deadline

10

Albemarle County SMART Scale Applications



11

Albemarle County – Current SMART Scale Project List

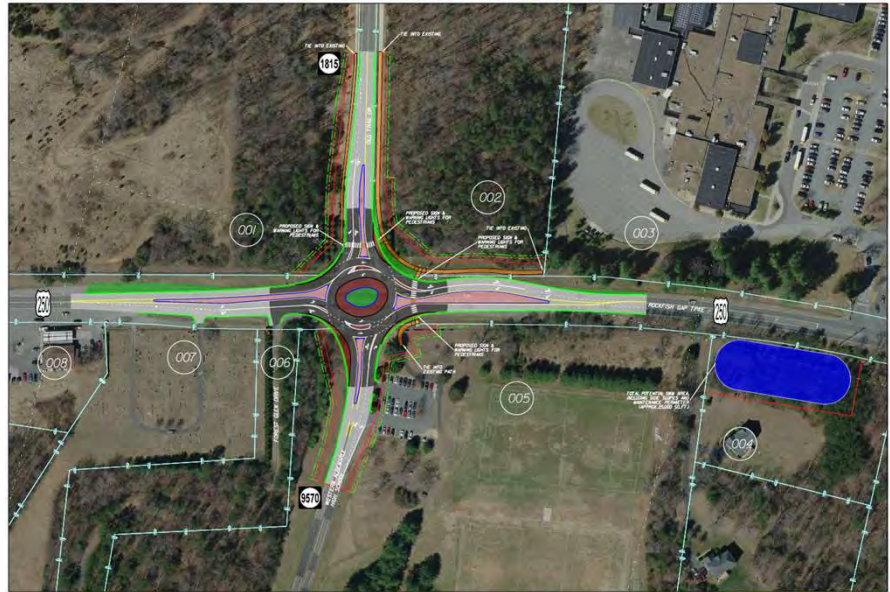
- Resubmitting US 250 – Old Trail Dr. / WAHS Intersection Improvements
 - Study and Crash updates are complete
 - Concept and cost estimate are being revised
- Rte. 631 (Rio Rd.) – Rte. 1427 (Hillsdale Dr.) & Rte. 631 (Rio Rd.) – Old Brook Rd. Intersection Improvement
 - Study is underway
 - Initial Concept is out for review
- Barracks Rd Pipeline Study (Georgetown Rd RDBT& Access Management and SUP on Barracks from Georgetown to the interchange)
 - Preferred alternatives for corridor are identified
 - Final Report, Concept and Cost Estimate are under development
- US 29 – Rte. 692 (Plank Rd.) Intersection Improvement
 - Final Concept and Cost Estimate is under development



12

US-250 – Old Trail Roundabout – Albemarle

Converts the signalized intersection to a Hybrid Roundabout and includes a Crosswalk of US 250 and Old Trail and Shared Use Path on US 250 and on Old Trail.



Rte. 643 (Rio Rd) – Hillsdale/OldBrook Rd – Albemarle

Converts the two signalized intersection into a peanut shaped Roundabout. A sidewalk and Shared Use Path will be included



Barracks Rd – Albemarle

Converts the signalized Intersection at Georgetown Rd. into a hybrid Roundabout. Includes closing and narrowing the Median between Georgetown and the Interchange and adding a Share Use Path



15

RTE. 29 AND PLANK RD. - CONCEPT DRAFT



Status: Reviewing Concept

16