

MEMO

To: Thomas Jefferson Planning District Commissioners
From: Ryan Mickles, Regional Planner III
Date: June 2, 2022
Re: Round 5 SMART SCALE Applications and Resolutions of Support

Purpose: As part of the Round 5 SMART SCALE application process, the Thomas Jefferson Planning District Commission will need to provide resolutions of support for project applications. The purpose of the resolutions of support is to ensure SMART SCALE applications are in keeping with regional goals and priorities. There are two separate resolutions of support for your consideration. Attachment B is a resolution for projects that the TJPDC will be applying for and submitting in Round 5. Attachment C is a resolution of support for Round 5 projects each member jurisdiction will be applying for individually.

Background: At the 2014 session, the Virginia General Assembly enacted legislation in the form of House Bill 2 (“HB2”) now titled “SMART SCALE” (§33.2-21.4), which established a new process for the allocation of transportation funding for projects within the state. The process requires transportation projects seeking state and federal transportation funding be submitted every two years for consideration by the Commonwealth Transportation Board. The Act and subsequent guidance developed a method for scoring projects based on merit. Projects are scored within VDOT construction districts or statewide. The Commonwealth Transportation Board uses the scoring to allocate limited funding resources to the highest ranked projects.

The TJPDC, as a regional governmental agency, and local governments within the PDC are eligible to submit no more than four applications each. The Charlottesville-Albemarle Metropolitan Planning Organization will consider a resolution of support for transportation projects within the MPO boundary and will also have the opportunity to submit four projects.

Issues: Planning District Commission staff worked with staff of local governments within the Planning District to identify transportation projects for Round 5 SMART SCALE applications. Attachment A is a list of candidate projects. PDC staff has reviewed project materials and found that all projects listed in Attachment A are in keeping with regional goals and policies.

Action Needed: The Planning District Commission needs to provide a resolution authorizing the PDC staff to submit its projects and a second resolution supporting municipalities within the TJPDC area applying for their projects. Resolutions of support are included as Attachments B and Attachment C. If there are any questions please contact Ryan Mickles rmickles@tjpd.org or Sandy Shackelford sshackelford@tjpd.org.

Attachment A: Projects

Applicant: Planning District

- 1. US250 at Rolkin Road Pedestrian Improvements:** The project would be composed of two main project elements: 1) An at-grade pedestrian crossing for the northern, eastern, and southern legs of the US250/Rolkin Road intersection; and, 2) Continuation of the sidewalk on the southern side of US250 (that currently ends at Rolkin Road) to State Farm Boulevard.
- 2. US250 at Peter Jefferson Parkway Intersection Improvements and Access Management:** The project would have four main elements: 1) Add a right-turn only for eastbound traffic on US250 (turning right onto Peter Jefferson Parkway) to reduce rear-end crashes at this intersection; the existing shared right-turn/thru-lane should be converted to thru-only; and, 2) Implement a “Thru-cut” at the US250/Peter Jefferson Parkway intersection such that thru-movements on the minor approaches are eliminated to maximize signal efficiencies and reduce delay; and, 3) Construct a new 50-space park and ride lot on the northwest corner of the US250/Peter Jefferson Parkway intersection; and, 4) Complete/close the existing median cut between Pantops Mountain Road and Peter Jefferson Parkway – this access management treatment is intended to improve safety and reduce delay. This application may include at-grade pedestrian crossings of US250 at Pantops Mountain Road and/or Peter Jefferson Parkway.
- 3. US250 at Route 22 Louisa Road Intersection Improvements:** The project would result in a displaced left-turn for traffic traveling east on US250 and turning north onto Louisa Road. The intersection will likely be signalized. Existing traffic signals will be rebuilt.
- 4. US250 at Milton Road Roundabout:** This project was identified as part of the VDOT Project Pipeline process. The project would construct a roundabout at this intersection.

Applicant: Fluvanna County

- 1. Route 600 South Boston Road at Route 618 Monticello Road:** Project will add a left turn lane to the Northbound Rte. 600 approach to the intersection.
- 2. Route 631 Troy Road and US250 Roundabout:** Project will convert the existing 2-way stop controlled intersection to a roundabout.
- 3. Route 53 at Turkeysag Trail:** Project will convert a 3-leg un-signalized intersection into a roundabout with crosswalks, sidewalks and shared use paths.

Applicant: Greene County

- 1. US29/Route 616 Carpenters Mill Road/ Commerce Drive Improvements:** (Resubmitting Round 4 application). Project will modify a 0.73 mile corridor with existing median crossings into a Superstreet to help facilitate safer movements crossing Route 29.
- 2. US33/Route 1071 Greencroft Boulevard Intersection Improvements:** Project will close crossover relocating westbound left turns to U-turn and southbound Through and left turns to the crossover just west of Advanced Mills Rd. The project will also relocate the eastbound left turns and northbound Through and left turn and to a new U-turn crossover east of the current intersection.
- 3. US33/Route 743 Advanced Mill Road Intersection Improvements:** Project will close crossover relocating westbound left turns to U-turn and southbound through and left turns to the crossover just west of Advanced Mills Road. The project will also relocate the eastbound left turns and northbound through and left turn and to a new U-turn crossover east of the current intersection.

Applicant: Louisa County

- 1. Route 208/US250 Intersection Improvements:** Project will convert the existing intersection to a roundabout that will include a park and ride lot on the parcel to the northeast of the intersection.
- 2. Route 15/US250 Intersection Improvement:** Project will provide an innovative intersection improvement in the form of a roundabout to address safety and operations issues. This project will include a shared used path along the east side of Route 15 and will have crosswalks on the north and west side of proposed roundabout. The proposal includes a full intersection improvement that will involve changing this intersection from a multi lane traditional four-way signaled intersection to a four-way roundabout with dedicated right turn lanes.
- 3. Spring Creek Parkway/Camp Creek Parkway/Route 15 Intersection Improvements:** Project will include. Signal re-timing, reconfigure three intersections, install two roundabouts adjacent to the main intersection. Removing left turn movements and relocating them to the roundabouts in order to create the bowtie configuration.

Applicant: Nelson County

- 1. US 29 at Route 653 Improvements:** Project will make turn lane improvements on Route 29 North and South, intersection improvements and alignment on Oak Ridge and Route 29 with additional capacity, with lane addition up to Diggs Mountain.
- 2. Route 6 at Route 151 Intersection Improvements:** Project will widen the east leg of the intersection creating a wider receiving lane for turning vehicles.
- 3. Route 151 at Tanbark Road Intersection Improvements:** Project will make a variety of intersection improvements to improve safety.

Attachment B: Planning District Project Resolution

Attachment C: Local Government Support Resolution
