

Round 4 Smart Scale Projects

3/23/2020

The CA-MPO and TJPDC each have four Smart Scale application slots. The following is a list and description of the projects currently being considered for submission for the pre-application phase. The pre-application review period is from March 2 to April 3, 2020. There is approximately \$20 million available for projects in the Culpeper District and an additional \$500 million in the State High Priority fund.

Round 4 Smart Scale Projects

<i>Requested by:</i>		<i>Previously Submitted:</i>	<i>Proposed Cost</i>
MPO			
Zan Road bike/ped bridge	Hydraulic/29 Solutions Committee	No	\$12–\$14 Million
Hydraulic and 29 Intersection Improvements	Hydraulic/29 Solutions Committee	No	
Fontaine/29 Intersection Improvement	Albemarle	Yes	\$21.9 Million in the last funding cycle
PDC			
107 Park and Ride Lot	Albemarle (Not part of the CA-MPO)	Yes	\$2.4 Million in the last funding cycle
Rt. 29 Shared Use Path	Albemarle (Not part of the CA-MPO)	Yes	\$3.75 Million in the last funding cycle
Rt. 29/Fray's Mill R-Cut	Albemarle	Yes	\$7.6 Million in the last funding cycle
Either			
Rt. 20 Shared Use Path	Albemarle	No	\$1.4 Million
5th Street Shared Use Path	Albemarle	No	\$3 Million

Zan Road

A Zan Road overpass was proposed as part of a larger proposal for Route 29 solutions in Round 3 of Smart Scale. The project was not selected for funding and a scaled down project is being

proposed. The project proposes building a bike pedestrian bridge over Route 29 just north of Hydraulic Road to provide a dedicated pedestrian connection between the two major developments on either side of Route 29. The latest information on the projects can be found on the Route 29 Solutions, [Hydraulic Advisory Panel webpage](#). The estimated cost of project construction is \$12–\$14 Million.

Hydraulic and 29 Intersection Improvements

The latest information on the projects can be found on the Route 29 Solutions, [Hydraulic Advisory Panel webpage](#).

Fontaine Avenue/29 Intersection Improvement

The Fontaine Avenue/29 Intersection Improvement project was requested during the previous round of Smart Scale and was not selected for funding. This project would replace the existing stop-controlled diamond interchange at Route 29 / Fontaine Avenue with a diverging diamond interchange. A new 10-foot wide shared use path is provided in the median of the interchange. It is in Albemarle County and would be administered by the county. The estimated project cost was \$21.9 Million in the last funding cycle. No other funding is committed at this time.

107 Park and Ride Lot

This project proposes to construct a park and Ride lot on US 250 just west of I-64 Exit 107 in Crozet VA. This project could improve transit availability along the corridor by allowing for a new stop location at the new lot (Need C3C). It is unclear how this would improve redundancy issues along US 250 (Need C3B). The estimated project cost was \$2.4 Million in the last funding cycle. No other funding is committed at this time.

Rt. 29 Shared Use Path

This project proposes to construct a new ten-foot-wide shared use path along the east side of US 29 (Seminole Trail). The path will extend north from Carrsbrook Drive for 2,600 feet to the northern most intersection of Seminole Lane and US 29. The shared use path will tie into the existing sidewalk network and provide bike/ped connectivity with the shared use path north of Polo Grounds Road. This project could improve safety along US 29 by creating better bike/ped facilities and could improve traffic flow by providing separate facilities for alternate modes (Need I2E). It is unclear how the project would address congestion Need I2C, as it does not appear to address the presence of frequent driveways and access points on US 29. The estimated project cost was \$3.75 Million in the last funding cycle. No other funding is committed at this time.

Rt. 29/Fray's Mill R-Cut

This project meets Charlottesville Need to improve regional connectivity because it increases throughput on Route 29, a key corridor in the region. The estimated project cost was \$7.6 Million in the last funding cycle. No other funding is committed at this time.

Route 20 Shared Use Path

This is a new Smart Scale application in Charlottesville and Albemarle County, it will build a shared use bicycle and pedestrian path along Route 20 from the southern Charlottesville City limits to the Saunders-Monticello Trailhead and Piedmont Virginia Community College (PVCC) in Albemarle County. Specifically, the SUP will run along the median of Route 20, connecting from proposed bike lanes and sidewalks that will end at the intersection of Monticello/Route 20 and Quarry Road to College Drive, where bicyclists and pedestrians can activate a traffic signal to reach the west side of Route 20 to access PVCC or the east side of Route 20 to access a sidewalk that leads to Dairy Barn Road. The shared use path will be a minimum of ten feet wide, bi-directional, and paved with asphalt. An eight foot clearance was maintained between the path and the face of the curb, where feasible (design standards require a three foot minimum); in sections where the path is less than eight feet from the face of the curb, a guardrail or barrier has been proposed. The shared use path will cross several median breaks; the proposed design calls for bike/ped control signs and bike/ped pavement markings at all locations where the path crosses the roadway. There are currently no bicycle or pedestrian facilities in the area. The estimated cost of project construction is \$1,389,791.

5th Street Shared Use Path

This project will build a shared use bicycle and pedestrian path within Albemarle County to increase access to Fifth Street Station and, eventually, Biscuit Run Park. The path will be a combination of paved asphalt and elevated boardwalk. The estimated construction budget is \$3 million.