



SMART SCALE & PLANNING STUDY UPDATE

SMART SCALE UPDATE

- **22 applications submitted in the Culpeper District before deadline**
- **Nine applications submitted within the MPO area**
- **Screening, validation, and scoring will occur over the next several months**
- **VDOT Planning may still need to coordinate changes to applications based on screening feedback**

THANK YOU TO ALL THE APPLICANTS!

Proposed Upcoming Culpeper District Studies

STARS (Status pending):

- US 29 at I-64 (Exit 118) – Albemarle County
- Preston Avenue at Ridge-McIntire Road – City of Charlottesville
- S Main Street from Germanna Highway to N James Madison Street – Town of Culpeper

Project Pipeline (Approved by OIPI Staff pending CTB action):

- US 29 at Covington's Corner – Fauquier County
- US 29 from Alanthus Rd to Kelly Fords Rd – Culpeper County
- US 29 at RT 607/Matthew Mill Rd – Greene County
- US 29 at Airport Rd – Albemarle County
- US 33 at Shannon Hill – Louisa County

Planning Study Next Steps

- **Set up scoping meetings with project stakeholders**
 - Project Pipeline is implementing Phase 0 this round to solidify scope prior to formal CTB approval
- **Framework phase will precede study phase**
 - Formal framework agreement will be signed by key study working group members

Framework Document Components

- **Study intent**
 - Defines the underlying needs and purpose of potential improvements
 - Needs to be supported by data (VTrans, PSI, PBSAP, previous studies, etc.)
- **Study characteristics**
 - Identifies applicable classifications for the transportation network (VTrans Need, PBSAP, Arterial Preservation Network, COSS/RN, etc.)
 - Determines the type of study/analysis that will be needed for the study
- **Study area**
 - Identifies area intersections and roadways
 - Establishes the geographic study area/area of influence

Framework Document Components (cont.)

- **Roles and responsibilities**
 - **Establishes the members of the Study Working Group (SWG)**
 - Multiple people may participate from an organization, but need to establish a designated Point of Contact
 - **Explains the responsibilities of each SWG member**
- **Data collection plan**
 - **Defines where and what kind of data will be collected to support the analysis**
- **Analysis years, periods, and scenarios**
 - **Defines the time frames for data to be used in the analysis**
 - Peak AM, Peak PM, mid-day/weekend peak?
 - **Defines the future year to be used in the no-build analysis**
 - May include interim year, but will need to follow study guidelines

Framework Document Components (cont.)

- **Traffic Operations and Safety Analysis Tools**
 - Describes the tools that will be used in the analysis as well as the version
 - Justification must be provided
 - Must be consistent with VDOT Traffic Operations and Safety Manual (TOSAM)
- **Measures of Effectiveness**
 - Establishes the measures that will be included, reason for selection, and analysis tool that will be used to obtain the information
- **Calibration Assumptions and Targets**
 - Lists the simulated measures/threshold being used for calibration of any modeling tools that are used in the analysis
- **Traffic Forecasting Approach**
 - Described the traffic forecasting methodology that will be used to determine future traffic volumes for purposes of analysis

Framework Document Components (cont.)

- **Concept Development and Cost Estimation**
 - Describes the anticipated concept development and screening process to be used
 - Includes the number of alternatives to be considered and expected level of detail for each phase of the study process
 - Determines whether a full iCAP assessment will be required to evaluate alternatives
- **Environmental Considerations**
 - Documents if there are any environmental considerations that need to be considered as part of study
- **Public Engagement Plan**
 - Identifies when and what type of public engagement will occur
 - Must be conducted in conformance with VDOT policies for studies
- **Additional Considerations**
 - Include any other items that need to be agreed upon/defined as part of the study process