

# Smart Scale Round 4 Preparation Draft Candidate Project Discussion



**SMART  
SCALE**

*Funding the Right  
Transportation Projects  
in Virginia*

# Draft Smart Scale Round 4 Schedule

**Now to February:** Candidate project development

- *November/December – VDOT meetings with applicants*

**February:** FAMPO/GWRC and Locality approval/concurrence on Pre-Applications

**March:** Pre-Application period

- *Maximum of 5 pre-applications per applicant*
- *A valid pre-application is required all candidate projects*

**June 1<sup>st</sup> to August 1<sup>st</sup>:** Application period

- *Maximum of 4 applications per applicant\**
- *Any scope change to a pre-application will require VDOT approval*
- *FAMPO/GWRC and Locality resolutions of support*
- *FAMPO approval of all applications within region for all applicants*

\* One of the 5 pre-applications will not advance to application stage

**August 1<sup>st</sup>:** Application Submission Deadline

# 5 Top Projects in GWRC not Selected in Round 3

## Final Smart Scale Round 3 Results for Fredericksburg District Projects

| No. | App Id | Organization Name                                      | Project Title                                               | Project Benefit Score | Total Project \$ | Score Divided by Total Cost | SMART SCALE Request \$ | SMART SCALE Score | State Rank | District Rank |
|-----|--------|--------------------------------------------------------|-------------------------------------------------------------|-----------------------|------------------|-----------------------------|------------------------|-------------------|------------|---------------|
| 1   | 3488   | King George County                                     | Route 301 University Drive/Market Ctr Double RCT            | 3.667                 | \$ 3,500,000     | 10.477                      | \$ 3,500,000           | 10.477            | 32         | 1             |
| 2   | 3685   | Fredericksburg Regional Transit                        | FRED Transit-Shelters and Benches                           | 0.200                 | \$ 256,000       | 7.823                       | \$ 218,500             | 9.166             | 42         | 2             |
| 3   | 3620   | Fredericksburg City                                    | Lafayette Blvd/Kenmore Ave/Charles St Roundabouts           | 1.167                 | \$ 5,800,000     | 2.012                       | \$ 1,978,826           | 5.896             | 78         | 3             |
| 4   | 3486   | King George County                                     | Route 301 and Route 3 Median U-Turn Intersection            | 1.758                 | \$ 3,300,000     | 5.328                       | \$ 3,300,000           | 5.328             | 86         | 4             |
| 5   | 4555   | Fredericksburg Regional Transit                        | New Commuter Parking Lot on Route 3                         | 2.581                 | \$ 7,455,000     | 3.482                       | \$ 5,055,000           | 5.105             | 91         | 5             |
| 6   | 3580   | Gloucester County                                      | Bicycle/Pedestrian Improvements on Rte 17B -Main St         | 2.906                 | \$ 7,300,000     | 3.981                       | \$ 7,300,000           | 3.981             | 118        | 6             |
| 7   | 3622   | Fredericksburg City                                    | Dixon Street/Lansdowne Road Intersection Improvements       | 0.866                 | \$ 2,200,000     | 3.935                       | \$ 2,200,000           | 3.935             | 119        | 7             |
| 8   | 3878   | George Washington Regional Commission                  | Route 3 STARS Study Improvements                            | 1.724                 | \$ 7,420,000     | 2.323                       | \$ 6,374,139           | 2.704             | 163        | 8             |
| 9   | 3888   | George Washington Regional Commission                  | Rt 3 STARS Study and I-95 off-ramp imp.                     | 2.474                 | \$ 11,500,000    | 2.151                       | \$ 9,454,139           | 2.617             | 167        | 9             |
| 10  | 3881   | George Washington Regional Commission                  | US 17 Bus. STARS Study Improvements and New PNR Lot         | 5.274                 | \$ 21,835,000    | 2.415                       | \$ 21,835,000          | 2.415             | 174        | 10            |
| 11  | 3621   | Fredericksburg City                                    | U.S. Route 1/Fall Hill Avenue Intersection Improvements     | 1.638                 | \$ 7,200,000     | 2.273                       | \$ 7,200,000           | 2.273             | 185        | 11            |
| 12  | 3651   | Stafford County                                        | Stefaniga and Mountain View Road Intersection Improvement   | 0.980                 | \$ 3,700,000     | 1.514                       | \$ 2,700,000           | 2.075             | 200        | 12            |
| 13  | 3489   | King George County                                     | Route 206 and Route 218 Right Turn Lane                     | 0.352                 | \$ 2,000,000     | 1.759                       | \$ 2,000,000           | 1.759             | 227        | 13            |
| 14  | 3816   | Spotsylvania County                                    | Harrison Rd & Salem Church                                  | 1.041                 | \$ 6,100,000     | 1.706                       | \$ 6,100,000           | 1.706             | 232        | 14            |
| 15  | 4630   | Lancaster County                                       | Kilmarnock Right Turn Lane                                  | 0.159                 | \$ 1,100,000     | 1.449                       | \$ 1,100,000           | 1.449             | 247        | 15            |
| 16  | 3824   | Spotsylvania County                                    | Rt 2 & 17 from Lansdowne Rd past Shannon Airport            | 2.550                 | \$ 19,500,000    | 1.308                       | \$ 19,500,000          | 1.308             | 260        | 16            |
| 17  | 3494   | Westmoreland County                                    | Expanded Turn Lane for Flat Iron Road                       | 0.117                 | \$ 1,000,000     | 1.170                       | \$ 1,000,000           | 1.170             | 274        | 17            |
| 18  | 3819   | Spotsylvania County                                    | Rt 1 and Rt 208/Lafayette Blvd                              | 1.097                 | \$ 10,300,000    | 1.065                       | \$ 10,300,000          | 1.065             | 284        | 18            |
| 19  | 3851   | Fredericksburg Area Metropolitan Planning Organization | I-95 Exit 126 STARS Study Improvements                      | 2.896                 | \$ 28,320,000    | 1.023                       | \$ 28,320,000          | 1.023             | 293        | 19            |
| 20  | 3709   | King George County                                     | Route 301 and Route 206 Median U-Turn Intersection          | 0.664                 | \$ 6,800,000     | 0.976                       | \$ 6,800,000           | 0.976             | 295        | 20            |
| 21  | 3648   | Stafford County                                        | Stafford - Route 1/Enon Road Intersection and Roadway BMP   | 0.394                 | \$ 10,600,000    | 0.372                       | \$ 4,452,461           | 0.885             | 303        | 21            |
| 22  | 3852   | Fredericksburg Area Metropolitan Planning Organization | I-95 NB Widening & Exit 126 STARS Improvements              | 4.648                 | \$ 61,000,000    | 0.762                       | \$ 61,000,000          | 0.762             | 316        | 22            |
| 23  | 3927   | Richmond County                                        | SMART SCALE: Route 360/619 - Richmond County                | 0.091                 | \$ 1,300,000     | 0.701                       | \$ 1,300,000           | 0.701             | 329        | 23            |
| 24  | 3611   | Fredericksburg Area Metropolitan Planning Organization | I-95 SB Widening: Exit 130 to Exit 126                      | 2.386                 | \$ 34,320,000    | 0.695                       | \$ 34,320,000          | 0.695             | 331        | 24            |
| 25  | 5011   | Fredericksburg Area Metropolitan Planning Organization | I-95 SB Widening with Exit 126 SB Aux. Deceleration Lane    | 2.454                 | \$ 35,820,000    | 0.685                       | \$ 35,820,000          | 0.685             | 333        | 25            |
| 26  | 4261   | George Washington Regional Commission                  | I-95 Exit 136, Centreport Pkwy, US 1 & Enon Rd Improvements | 0.660                 | \$ 22,015,000    | 0.300                       | \$ 17,417,461          | 0.379             | 370        | 26            |
| 27  | 3492   | Westmoreland County                                    | Passing Lanes on Route 3 near Lerty                         | 0.489                 | \$ 15,300,000    | 0.320                       | \$ 15,300,000          | 0.320             | 378        | 27            |
| 28  | 3649   | Stafford County                                        | Winding Creek Road Widening                                 | 0.258                 | \$ 15,700,000    | 0.185                       | \$ 12,230,500          | 0.212             | 396        | 28            |
| 29  | 3813   | Spotsylvania County                                    | Germania Point Dr & Spotsylvania Avenue                     | 0.674                 | \$ 33,100,000    | 0.204                       | \$ 33,100,000          | 0.204             | 397        | 29            |
| 30  | 4080   | Caroline County                                        | I-95/207 Safety Improvements                                | 0.157                 | \$ 9,900,000     | 0.158                       | \$ 9,900,000           | 0.158             | 410        | 30            |

Green - Selected in January 2019

Pink - Projects dropped from January 2019 (2 projects)

Blue - Projects added from January 2019 (April/May changes)

Yellow - 5 Top Projects not selected

White - Lower scoring projects not selected

Additional Smart Scale Funding for FAMPO/GWRC from Changes: \$11.5 Million

Number of Additional Projects: 4 Added and 2 Removed

Total FAMPO/GWRC region Smart Scale Round 3 funding increased from about \$32.5 to about \$44 Million

### Top 5 Not Selected

1. Rte 17 East PNR Lot and STARS improvements (GWRC)
2. Rte 2/17 Improvements (Spotsylvania)
3. Rte1/Lafayette Blvd (Spotsylvania)
4. I-95 @ Exit 126 NB Ramp (FAMPO)
5. Rte 301/Rte 206 Intersection (King George)

Final from June, 2019

## Summary of October 2019 Input from FAMPO Committees

- **Fewer I-95 applications, but have one application to cover critical needs between Exit 130 and Exit 126**
  - **Round 3 cost was \$96.8 Million (\$35.8 Million for SB and \$61 Million for NB)**
- **Focus more FAMPO/GWRC applications on major Non-interstate highways**
- **Support for reapplying for some unsuccessful Smart Scale Round 3 applications:**
  - **FAMPO**
    - I-95 Exit 126 STARS Study Improvements: \$28.5 Million Round 3 Cost
  - **GWRC**
    - US 17 Bus. STARS Study Improvements and New PNR Lot: \$21.8 Million Round 3 Cost

## Possible Options for US 17 Bus STARS Study Improvements and New PNR Lot

- **Add US 17 (Southside) pedestrian accommodations through Exit 133 as an option to Smart Scale Application contingent on NB CD bridge funding being available and funding for pedestrian accommodations not being available by other means**
  
- **Add some Leveraged Funding to the project to help increase project score**
  - **Project Narrowly missed being selected in Round 3**
    - Scored #174 out of 433 project scored in Round 3
    - Funding cutoff in January, 2019 for Round 3 was around #164
    - Some additional funding became available in Spring, 2019, but not enough to cover \$21.8 M cost
  - **CMAQ/RSTP?**
  - **5307 for Commuter Lot?**
  - **Estimate for leveraged funding needed: About 10%**

# Sources for New Candidate Projects

## Recent/Upcoming Completed Studies:

### VDOT

1. **I-95 Corridor Study – December, 2019**
2. **US 1 Studies:**
  - Fredericksburg - Completed
  - Stafford – January/February, 2020
  - Spotsylvania for Mine/Market Street area – November/December, 2019
  - Spotsylvania for Massaponax Area – Late Spring, 2020\*
3. **US 301/207 Study: King George & Caroline – Completed**
4. **US 301 Port Royal Study – October, 2019**

### FAMPO:

1. **Lafayette Blvd Multimodal Study (City/Spotsylvania) – January/February, 2020**
2. **I-95 Phase 2 Multimodal (Highway and Transit/TDM) - Completed**
3. **2045 Long Range Transportation Plan - Completed**

### GWRC from FY-20 Rural Work Plan:

1. **Bowling Green Small Area Plan – Spring, 2020\***
2. **Caroline/King George Prioritization Work – Spring, 2020\***

\* Some potential projects identified in time for Pre-Application period

# Initial Draft Top 10 FAMPO/GWRC Regional Projects for Review and Discussion

**Why 10? = Number total pre-applications allowed for FAMPO and GWRC**

## **FAMPO:**

1. I-95 Exit 130 to Exit 126 (Combination of Two Previous)
2. Exit 126 STARS (Previous)
3. US 1 North Stafford STARS Study improvements (Option 1: Lower Cost)
4. US 1 North Stafford STARS Study improvements (Option 2: Higher Cost)
5. US 1 City STARS Study Improvements

## **GWRC:**

1. US 17 Bus STARS Study Improvements and Commuter Lot (Previous)
2. Lafayette Blvd Study Multimodal improvements (City/Spotsylvania)
3. US 1 Mine/Market Street STARS Study improvements
4. US 1 Massaponax Area Study Improvements
5. US 301/Rte 207 Study improvement in either Caroline or King George

# Next Steps: TAC Feedback on Initial Draft Top 10 FAMPO/GWRC Regional Projects

Please provide TAC feedback to Leah Vigil by 11/12 at [vigil@gwregion.org](mailto:vigil@gwregion.org)

**CTAC Discussion:** 11/13

**FAMPO Discussion:** 11/18

**December/January:** Continued development of Candidate projects

**February:** FAMPO/GWRC and Locality approval/concurrence on Pre-Applications