

## H. FY 2015-2018 TIP AMENDMENTS: VDOT

This is a request from the Virginia Department of Transportation (VDOT) to amend the FY 2015-2018 Transportation Improvement Program (TIP) to reflect actual and planned obligations and/or to add projects (12 projects). The details of this request are as follows.

- i. Route 460 Debt Service (UPC 103754)
  - o Decrease Preliminary Engineering (PE) phase cost estimate to \$155,924,903 (approximately 82% decrease)
  - o Add PE phase Previous Obligation of \$26,079,488 National Highway Performance Program (NHPP)
  - o Add FY 2015 PE phase obligation of \$12,083,959 NHPP
  - o Decrease FY 2015 PE phase Advance Construction (AC) obligation by \$638,533,300, then move the balance to FY 2018
  - o Decrease the FY 2018 PE phase AC obligation by \$153,035,136
  - o Decrease FY 2016 PE phase AC Conversion obligation by \$29,774,803
  - o Decrease FY 2017 PE phase AC Conversion obligation by \$48,281,494
  - o Decrease FY 2018 PE phase AC Conversion obligation by \$51,343,079
  
- ii. I-64 Peninsula Widening – Segment 1 (UPC 109383)
  - o Add new project to TIP
  - o This project accounts for the debt service associated with construction project UPC 104905
  - o Add Preliminary Engineering (PE) phase cost estimate of \$103,210,019
  - o Add the following PE phase obligations:
    - FY 2016: \$6,011,114 National Highway Performance Program (NHPP)
    - FY 2017: \$8,085,357 NHPP
    - FY 2018: \$7,597,504 NHPP
    - FY 2018: 81,516,044 Advance Construction (AC)
  
- iii. Route 134 Bridge Replacement over Brick Kiln Creek (UPC 105222)
  - o Revise phase cost estimates as follows:
    - Increase Preliminary Engineering (PE) phase cost estimate to \$946,600
    - Increase Right-of-Way (RW) phase cost estimate to \$1,141,903
    - Increase Construction (CN) phase cost estimate to \$5,359,622
    - Total cost estimate increase: from \$4,520,000 to \$7,448,125 (approximately 65% increase)
  - o Move FY 2015 PE phase obligation of \$870,000 National Highway Performance Program (NHPP) to Previous Obligations
  - o Add FY 2016 PE phase obligation of \$76,600 NHPP
  - o Move FY 2015 RW phase obligation of \$1,050,000 NHPP to FY 2016
  - o Add FY 2016 RW phase obligation of \$91,903 NHPP
  - o Remove the following CN phase obligations:
    - FY 2015: \$2,328,993
    - FY 2016: \$271,007

- iv. Norfolk Signal System Improvements (UPC 105592)
  - o Add FY 2016 Preliminary Engineering (PE) phase obligation of \$280,000 Congestion Mitigation and Air Quality Improvement Program (CMAQ), plus \$70,000 state match
  - o Add FY 2017 Construction (CN) phase obligation of \$872,000 CMAQ, plus \$218,000 state match
  
- v. Vehicle Fuel Conversion Program (UPC T11802)
  - o Add new project to TIP
  - o This program, included in State Code, provides funding to cover the entire cost of certified conversions of public sector fleet vehicles to use at least one alternative fuel or the incremental cost of purchasing a new public sector fleet vehicle equipped to operate on at least one alternative fuel over the normal cost of a similar vehicle equipped to operate on a conventional fuel such as gasoline or diesel.
  - o Add Construction (CN) phase cost estimate of \$25,740,000
  - o Add CN phase schedule – Start date: 8/1/12; End date: 8/1/18
  - o Add Previous Allocation of \$940,000 Congestion Mitigation and Air Quality Improvement Program (CMAQ) Transportation Emission Reduction Measures (TERMS), plus \$226,000 state match
  - o Add FY 2016 CN phase obligation of \$1,350,766 CMAQ TERMS, plus \$337,692 state match
  - o Add FY 2016 CN phase obligation of \$18,337,234 Advance Construction (AC), plus \$4,584,309 state match
  - o Add FY 2017 CN phase obligation of \$981,943 AC Conversion, plus \$245,411 state match
  - o Add FY 2018 CN phase obligation of \$480,000 AC Conversion, plus \$120,000 state match
  
- vi. Norfolk Traffic Control System Platform Upgrade (UPC 109303)
  - o Add new project to TIP
  - o Add Preliminary Engineering (PE) phase cost estimate of \$3,000,000
  - o Add PE phase schedule – Start date: 11/16/16; End date: 3/26/20
  - o Add allocations as follows:
    - FY 2017: \$1,500,000 District Grant Program (DGP) State
    - FY 2018: \$1,500,000 DGP State
  - o Add FY 2017 PE phase obligation of \$3,000,000 Federal Advance Construction (AC)
  
- vii. Godwin Boulevard Park and Ride Lot (UPC 98815)
  - o Revise the cost estimates as follows:
    - Preliminary Engineering (PE) phase: Increase to \$150,000
    - Right-of-Way (RW) phase: Add estimate of \$80,000
    - Construction (CN) phase: Increase to \$900,000
    - Revised total cost estimate: \$1,130,000 (an increase of approximately 25%)

- Revise phase schedules as follows:
    - PE – Start date: 8/23/12; End date: 11/1/16
    - RW – Start date: 11/1/16; End date: 5/1/17
  - Add FY 2017 allocation of \$604,000 District Grant Program (DGP) State
  - Remove PE phase Previous Obligation of \$32,000 Congestion Mitigation and Air Quality Improvement Program (CMAQ)
  - Add FY 2016 PE phase obligation of \$23,489 CMAQ, plus 5,872 state match
  - Add FY 2017 RW phase obligation of \$64,000 CMAQ, plus \$16,000 state match
  - Add FY 2017 CN phase obligation of \$136,000 CMAQ, plus \$34,000 state match
  - Add FY 2017 CN phase obligation of \$730,000 Federal Advance Construction (AC)
- viii. Nike Park Road Extension (UPC 109314) (PE Only)
- Add new project to TIP
  - Project is to extend Nike Park Road from Reynolds Drive to US Route 17
  - Add phase cost estimates as follows:
    - Preliminary Engineering (PE) phase: \$1,060,000
    - Right-of-Way (RW) phase: \$1,738,000
    - Construction (CN) phase: \$8,860,000
    - Total cost estimate: \$11,658,000
  - Add phase schedules as follows:
    - PE phase – Start date: 9/29/16; End date: 11/5/18
    - RW phase – Start date: 11/5/18; End date: 10/3/19
    - CN phase – Start date: 10/3/19; End date: 11/26/21
  - Add allocations as follows:
    - Previous Allocations: \$178,208 District Grant Program (DGP) Federal/State
    - FY 2017: \$613,255 DGP State
    - FY 2018: 460,000 DGP State
  - Add FY 2016 PE phase obligation of \$791,463 Federal Advance Construction (AC)
  - Add FY 2018 PE phase obligation of \$268,537 Federal AC
- ix. Coliseum Drive Extension (UPC 108731) (PE Only)
- Add new project to TIP
  - Project is to extend Coliseum Drive as a 4-lane road from Hampton Roads Center Parkway to Butler Farm Road (approximately 0.29 mile)
  - Add phase cost estimates as follows:
    - Preliminary Engineering (PE) phase: \$466,000
    - Right-of-Way (RW) phase: \$557,000
    - Construction (CN) phase: \$3,550,000
    - Total cost estimate: \$4,573,000
  - Add phase schedules as follows:
    - PE phase – Start date: 9/29/16; End date: 5/4/18
    - RW phase – Start date: 5/4/18; End date: 4/4/19
    - CN phase – Start date: 4/4/19; End date: 6/1/20
  - Add allocations as follows:
    - FY 2017: \$446,000 District Grant Program (DGP) State
    - FY 2018: \$557,000 DGP State
    - FY 2017: \$875,000 Revenue Sharing State

- FY 2017: \$875,000 Revenue Sharing Local
  - Add FY 2016 PE phase obligation of \$233,000 Revenue Sharing State, plus \$233,000 match
  - Add FY 2018 RW phase obligation of \$278,500 Revenue Sharing State, plus \$278,000 match
  
- x. Longhill Road Widening (UPC 100921)
  - Revise phase cost estimates as follows:
    - Increase Preliminary Engineering (PE) phase cost estimate to \$1,577,000
    - Increase Right-of-Way (RW) phase cost estimate to \$3,437,000
    - Increase Construction (CN) phase cost estimate to \$14,786,000
    - Total cost estimate increase: from \$11,800,000 to \$19,800,000 (approximately 68% increase)
  - Remove STF allocations from FY 2015, FY 2016, and FY 2017
  - Add \$618,198 STF to Previous Allocations (revised = \$1,368,158)
  - Add FY 2017 allocation of \$3,887,63 District Grant Program (DGP) State
  - Add FY 2019 allocation of \$2,040,860 DGP State
  - Move FY 2015 PE phase obligation of \$800,000 Advance Construction (AC) to FY 2016
  - Add FY 2016 PE phase obligation of \$577,995 AC
  - Add FY 2016 PE phase obligation of \$159,204 Surface Transportation Program (STP)/F, plus \$39,801 match
  
- xi. I-64/Northampton Boulevard Interchange Improvements (UPC 107044) (PE Only)
  - Add new project to TIP
  - The improvements will be the preferred alternative from the VDOT operational analysis of the interchange to provide ramp improvements for safety and enhanced operational performance of the interchange. Specific improvements will include:
    - Widening the exit ramp from I-64 West to Northampton Boulevard from 2 to 4 lanes and modifying the traffic signal at the bottom of the ramp to have 2 left turns and 2 right turns. The current free-flow movement will be retained.
    - Realigning the loop ramp from I-64 East to intersect Northampton Boulevard at a signalized “T” intersection. This will provide eastbound and westbound access at Northampton Boulevard.
    - Extending the on-ramp from Northampton Boulevard to I-64 West to allow easier merging onto I-64.
  - Add phase cost estimates as follows:
    - Preliminary Engineering (PE) phase: \$1,300,000
    - Right-of-Way (RW) phase: \$0
    - Construction (CN) phase: \$8,000,000
    - Total cost estimate: \$9,300,000
  - Add phase schedules as follows:
    - PE phase – Start date: 10/26/15; End date: 7/8/19
    - RW phase – Start date: 7/8/19; End date: 12/14/21
    - CN phase – Start date: 12/14/21; End date: 1/31/23
  - Add allocations as follows:
    - FY 2017: \$1,300,000 National Freight Program (NFPG)

- FY 2018: \$4,000,000 District Grant Program (DGP) State
    - FY 2019: \$4,000,000 DGP State
  - Add FY 2016 PE phase obligation of \$1,300,000 NFPG
- xii. Centerville Turnpike Phase 3 (UPC 109381)
  - Add new project to the TIP
  - The project is to construct a four-lane divided highway from Kempsville Road to the Chesapeake City line for a length of 1.15 miles. Other improvements include:
    - Adding 4 feet on-street bike lanes, sidewalks, curb and gutter, a new storm drainage system and storm management.
  - Add phase cost estimates as follows:
    - Preliminary Engineering (PE) phase: \$2,220,000
    - Right-of-Way (RW) phase: \$8,150,000
    - Construction (CN) phase: \$19,725,500
    - Total cost estimate: \$30,096,000
  - Add phase schedules as follows:
    - PE phase – Start date: 10/13/2016; End date: 09/06/2018
    - RW phase – Start date: 09/06/2018; End date: 08/06/2019
    - CN phase – Start date: 08/06/2019; End date: 09/30/2021
  - Add FY 2016 PE Phase Obligation of \$2,200,000 Federal AC-Other
  - Add FY 2017 allocation of \$500,000 District Grant Program (DGP) State

This request has been made available for public review and comment. The public review period began on June 29, 2016 and ran through July 13, 2016. The Transportation Technical Advisory Committee has recommended approval of the 12 TIP amendments.

**RECOMMENDED ACTION:**

Approve the 12 TIP Amendments.