

THE 2016 CLRP AMENDMENT AND THE FY 2017-2022 TIP

Major CLRP Projects Summary and FY 2017-2022 TIP Financial Report

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TPB Technical Committee
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Agenda Item 2



Presentation Outline

- Schedule for the 2016 CLRP Amendment and FY 2017-2022 TIP
- Project Profiles and Support for RTPP and Federal Planning Factors
- Summary of New and Changed Projects
- Relationship between the CLRP and TIP
- Inputs to the FY 2017-2022 TIP
- FY 2017-2022 TIP Financial Report



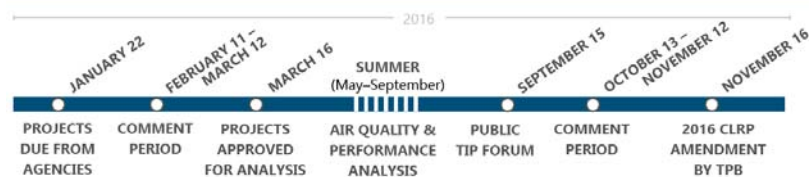
The Long-Range Transportation Plan (CLRP)

- Minimum 20 year “horizon” - to 2040
- All regionally significant projects - \$243 billion
 - Capital improvements and expansion projects - \$42 billion
 - Operations & maintenance of highways, roads, and bridges, as well as local and regional transit systems and commuter rail services - \$201 billion
- Must conform to air quality standards set by EPA
- Must be financially constrained
 - Funding must be demonstrated to be “reasonably expected to be available”

2016 CLRP Amendment Schedule

- Add new projects to the plan or make changes to projects already in the plan
- Perform Air Quality Conformity Analysis and Performance Analysis prior to adoption by the TPB

SCHEDULE FOR DEVELOPMENT & ADOPTION OF THE 2016 CLRP AMENDMENT & FY 2017-2022 TIP



Federal Planning Factor Analysis

The 2016 CLRP Amendment Project Submissions and the Federal Planning Factors

	Estimated Cost	Federal Question	Economic Vitality	Public Safety	Environmental Quality	Accessibility	Efficiency	System Management & Operation	Preservation
MAJOR PROJECTS*									
● 16th Street Bus Priority	\$6 million	2021	Y	Y	Y	Y	Y	Y	Y
● DC Dedicated Bike Lanes	\$1.35 million	2016	Y	Y	Y	Y	Y	Y	
△ DC Streetcar	\$438 million	2022	Y	Y	Y	Y	Y	Y	
● VRE Haymarket Extension	\$433 million	2022	Y	Y	Y	Y	Y	Y	
● Crystal City Transitway	\$24 million	2023	Y	Y	Y	Y	Y	Y	
● I-395 Express Lanes	\$220 million	2019	Y	Y	Y	Y	Y	Y	
△ I-46 Inside the Beltway	\$375 million	2017, 2040	Y	Y	Y	Y	Y	Y	
△ I-46 Outside the Beltway	\$2.3 billion	2021, 2040	Y	Y	Y	Y	Y	Y	
△ VA 28 Widening and HOV	\$100 million	2025, 2040	Y	Y	Y	Y	Y	Y	
OTHER PROJECTS									
● VA Route 643 Extended	\$50 million	2020	Y	Y	Y	Y	Y	Y	
● VA Route 645 Extended	\$44 million	2020	Y	Y	Y	Y	Y	Y	
● Riverside Parkway	\$15 million	2018	Y	Y	Y	Y	Y	Y	
● VA 7 at Battlefield Parkway	\$58 million	2022	Y	Y	Y	Y	Y	Y	

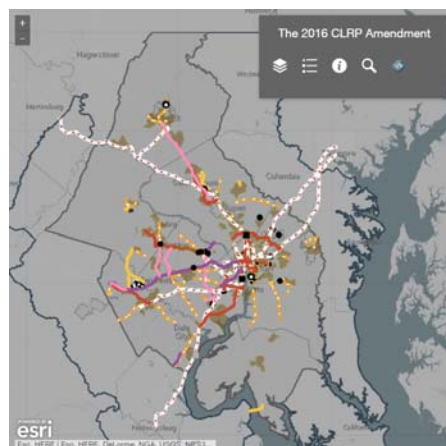
- Federal Planning Factors**
- Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
 - Increase the **safety** of the transportation system for all motorized and non-motorized users.
 - Increase the ability of the transportation system to support **homeland security** and to safeguard the personal security of all motorized and non-motorized users.
 - Increase accessibility and mobility of **people**.
 - Increase accessibility and mobility of **freight**.
 - Protect and enhance the **environment**, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
 - Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight.
 - Promote efficient system **management and operation**.
 - Emphasize the **preservation** of the existing transportation system.

* Major projects are defined as changes to interstates, major arterials, and expressways or freeways with at-grade intersections, as well as dedicated transit facilities.
 ● New project △ Change to project already in the CLRP



Projects in the 2016 CLRP Amendment

www.mwcog.org/CLRP2016
gis.mwcog.org/webmaps/tpb/clrp/2016clrp



Proposed Major Addition

16th Street Bus Priority

From H Street NW to Arkansas Avenue NW

Project Length: 2.7 miles

Anticipated Completion: 2021

Estimated Cost of Construction: \$24 million

Submitting Agency: DDOT

Anticipated Funding Sources: Federal

- Convert general purpose lanes on 16th St NW into peak-period, peak direction, bus-only lanes from H St to Arkansas Ave
- Implement a reversible, center lane from H St to K St and from O St to W St
- Bus stop and shelter improvements
- Off-board fare payment kiosks



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Proposed Major Addition

DC Dedicated Bicycle Lane Network

Multiple Street Segments Throughout City

Project Length: 3.9 miles

Anticipated Completion: 2016, 2017

Estimated Cost of Construction: \$1.35 million

Submitting Agency: DDOT

Anticipated Funding Sources: Local

Construct bicycle lanes by removing one or more travel lanes on:

- 4th St NE, from Lincoln Rd to Harewood Rd
- Blair Rd NW, from Peabody St to Aspen St
- Constitution Ave NW, from 1st St to Pennsylvania Ave
- Eastern Downtown Study, alternatives on 5th, 6th or 9th St. NW
- Harewood Rd NW, from Rock Creek Church Rd to North Capitol St
- Klingle Rd NW, from Adams Mill Rd to Porter St
- Louisiana Ave NW, from Columbus Circle to Constitution Ave NW
- Piney Branch Rd NW, from Georgia Ave to Underwood St



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Proposed Major Change

DC Streetcar: Union Station to Georgetown

Primarily Along the K Street Corridor

Project Length: 3.5 miles

Anticipated Completion: 2022

Estimated Cost of Construction: \$6 million

Submitting Agency: DDOT

Anticipated Funding Sources: Federal

- In CLRP since 2014
- Construct following additions/reductions to allow streetcar to run on an exclusive Transitway:
 - H Street from 3rd St NE to New Jersey Ave NW, reduce 6 to 4 lanes
 - New Jersey Ave NW from H St to K St, add lanes for transit
 - K St NW add or convert existing lanes to Transitway



Proposed Major Addition

VRE Haymarket Extension

From Manassas VRE Station to Gainesville/Haymarket

Project Length: 11 miles

Anticipated Completion: 2022

Estimated Cost of Construction: \$433 million

Submitting Agency: VDOT

Anticipated Funding Sources: Federal, State, Local, Private, Other

- Up to 3 new stations with platforms, park-and-ride lots, and bicycle/pedestrian access
- Purchase additional railcars, expand storage facilities
- Widen existing right-of-way
- Environmental Impact Study underway, analyzing alternatives



Proposed Major Addition

Crystal City Transitway: Northern Extension

From Crystal City Metro to Pentagon City Metro

Project Length: 1 mile
Anticipated Completion: 2023
Estimated Cost of Construction: \$24 million
Submitting Agency: VDOT
Anticipated Funding Sources: Federal, State, Local,
Private, Other



- Extension of existing Metroway bus rapid transit (BRT) line
- Construct three new BRT stations along route
- Construct one block of 12th St between S Eads St and S Fern St



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Proposed Major Addition

I-395 Express Lanes

Inside the Capital Beltway
(Turkeycock Run to Vicinity of Eads St)

Project Length: 8 miles
Anticipated Completion: 2019
Estimated Cost of Construction: \$220 million
Submitting Agency: VDOT
Anticipated Funding Sources: Private



- Convert and reconfigure existing two HOV lanes to three High-Occupancy/Toll (HOT) lanes
- Connect to existing I-95 HOT lanes
- Future updates will include transit services funded in part by tolls and travel demand management measures
- Was amended into CLRP in 2007, but removed in 2011
- TPB R8-2016 Transit/TDM Commitment



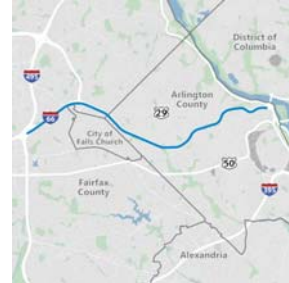
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Proposed Major Change

I-66 Multimodal Improvements

Inside the Capital Beltway

Project Length: 10 miles
Anticipated Completion: 2017, 2020, 2040
Estimated Cost of Construction: \$375 million
Submitting Agency: VDOT
Anticipated Funding Sources: Federal, State, Bonds



- In CLRP since 2015
- In 2017: Begin HOT-2+ during peak periods in peak direction
- By 2020: Widen EB I-66 from Dulles Toll Rd to Fairfax Dr
- In 2021: Begin HOT-3+ during peak periods in peak direction
- In 2040: Expand HOT-3+ during peak periods to both directions
- By 2040: Widen WB I-66 from Sycamore St to Washington Blvd



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Proposed Major Change

I-66 Corridor Improvements

Outside the Capital Beltway

Project Length: 26 miles
Anticipated Completion: 2021, 2040
Estimated Cost of Construction: \$2-3 billion
Submitting Agency: VDOT
Anticipated Funding Sources: Federal, State, Local Private, Bonds



- In CLRP since 2015
- Project updated to reflect VDOT's preferred alternative that was selected last year, after the CLRP was amended
- Access points from general purpose lanes to HOT lanes
- Ramp locations to other facilities



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Proposed Major Change

VA 28 HOV and Widening

From I-66 to the Dulles Toll Road

Project Length: 8 miles
Anticipated Completion: 2021, 2025, 2040
Estimated Cost of Construction: \$100 million
Submitting Agency: VDOT
Anticipated Funding Sources: State, Local, Other



- Convert one general purpose lane in each direction to HOV from I-66 to Dulles Toll Road
- Add one auxiliary lane in each direction between I-66 and Westfields Blvd (2 miles)
- Part of a larger project to widen I-66 from 6 to 8 lanes from I-66 to VA 7

The Transportation Improvement Program (TIP)

- Implementation of the CLRP
 - Includes all modes: road, transit, bicycle & pedestrian
 - Capital projects, and operations & maintenance
- Obligation of federal funds to state and local projects
 - Not a complete picture of funding spent on transportation
 - Updated continuously
 - Provides a “snapshot” of funding at any given time
- Not a Capital Improvement Program

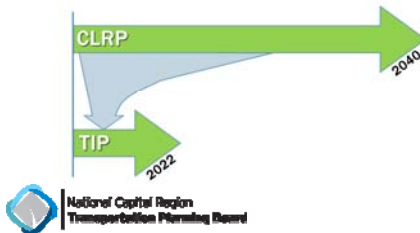
The CLRP and the TIP

CLRP

- Minimum 20-year span
- Current horizon is 2040
- Funding must be “reasonably expected to be available”
- Major update every four years, amended annually

TIP

- Minimum 4-year span
- FY 2017-2022, 6 years
- Funding in first two years must be “available and committed”
- Major update every two years, amended weekly/monthly



FY 2017-2022 TIP Inputs

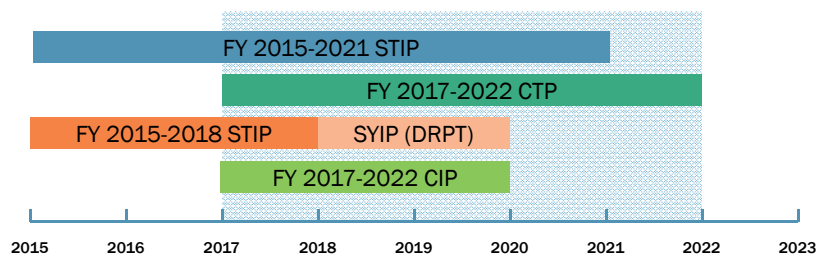
- TIP Funding in the **District of Columbia**
 - Inputs include carried over FY 2015-2020 TIP as amended
 - DDOT will submit amendment to update according to its seven-year FY 2017-2023 State Transportation Improvement Program (STIP) in early 2017
- TIP Funding in **Maryland**
 - Inputs from MDOT consistent with Maryland’s draft FY 2017-2022 Consolidated Transportation Program (CTP)

FY 2017-2022 TIP Inputs

- TIP Funding in **Virginia**
 - Inputs include carried over FY 2015-2020 TIP as amended
 - VDOT will submit amendment to update according to its FY 2018-2021 STIP in early 2017
- TIP Funding for **WMATA**
 - Inputs include carried over FY 2015-2020 TIP as amended
 - SafeTrack amendment expected in November-December
 - Will submit amendment to update according to FY 2018 Capital Budget and FY 2018-2023 Capital Improvement Program (CIP)

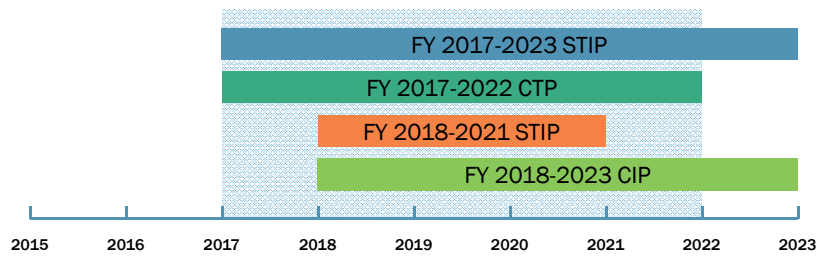
FY 2017-2022 TIP Inputs

- Inputs to the current draft FY 2017-2022 TIP



FY 2017-2022 TIP Inputs

- Expected major amendments:
 - DDOT – early 2017
 - VDOT – February-March 2017
 - WMATA – Spring 2017



FY 2017-2022 TIP Financial Report

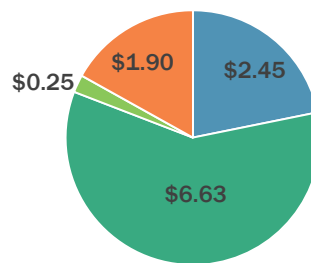
Over 300 Projects, \$11 Billion

- Capital and Operations & Maintenance projects
- 114 road & bridge
- 55 transit
- 34 bicycle & pedestrian
- Other: ITS, Safety, Freight, Maintenance & Rehabilitation

FY 2017-2022 Programmed Amounts

- 19 projects over \$100 million
- 224 projects \$20 million or less

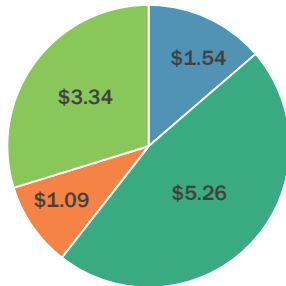
Funding by Project Type
(in Billions of Dollars)



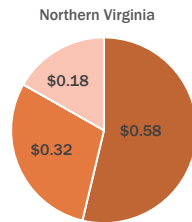
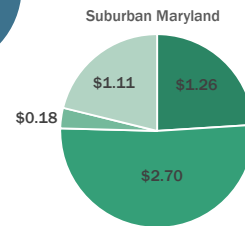
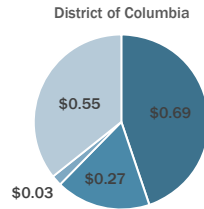
- Roads & Bridges
- Transit
- Bicycle & Pedestrian
- Other

FY 2017-2022 TIP Financial Report

Funding by Jurisdiction or Agency
(in Billions of Dollars)



- District of Columbia
- Suburban Maryland
- Northern Virginia
- WMATA



- Roads & Bridges
- Transit
- Bicycle & Pedestrian
- Other

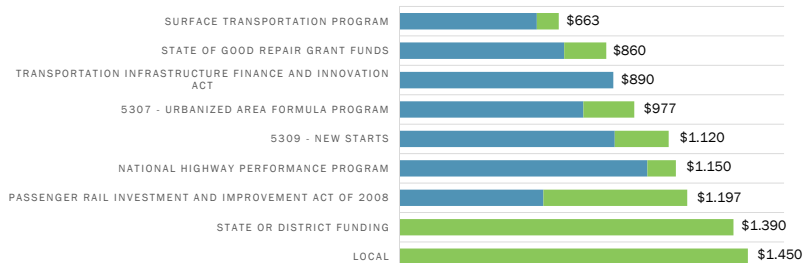


FY 2017-2022 TIP Financial Report

- \$9 billion programmed between FY 2017 and FY 2022
 - \$4.7 billion is federal funding (53%)
 - 90% of funding from nine sources

LARGEST FY 2017-2022 FUNDING SOURCES

(In Billions of Dollars)
■ Federal ■ State/Local



FY 2017-2022 TIP Financial Report

	FY 17-22 Program (millions)	Complete
District of Columbia		
• South Capitol Street Corridor/Bridge	\$339	2020
• Union Station to Georgetown/K Street Transit	\$143	2022
Maryland		
• Purple Line	\$2,379	2020
• I-95/I-495 Interchange at Greenbelt Metro	\$161	2020
• MD 4/Suitland Parkway Interchange	\$102	2022
Virginia		
• I-66 Multimodal Improvement outside Beltway	\$300	2021, 2040
• Silver Line Phase II	\$38	2020



Comment on Plan and Analysis Results

- Comment period open October 13 through November 12, 2016
- Find all documents available for public comment online at www.mwcog.org/TPBcomment
- Submit comments:
 - Online at www.mwcog.org/TPBcomment
 - By email at TPBcomment@mwcog.org
 - In writing:

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