

2040 Metropolitan Transportation Plan

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April 7, 2016

*plan***2040**



Overview

- 2040 MTP Schedule
- MTP Allocation Guidelines
- Draft Constrained Projects List

TPO Board Requested Action

Review and approval of the *plan2040* Allocation Guidelines and Draft Constrained Projects List for inclusion in the 2040 MTP document

2040 MTP Schedule

January 2016

MTP AC Review and Recommendation of Allocation Guidelines for TPO Review and Approval; First Look at Candidate Project Scores

March 2016

Public Outreach; MTP AC Recommendation of Constrained Projects Lists for TPO Review and Approval

February 2016

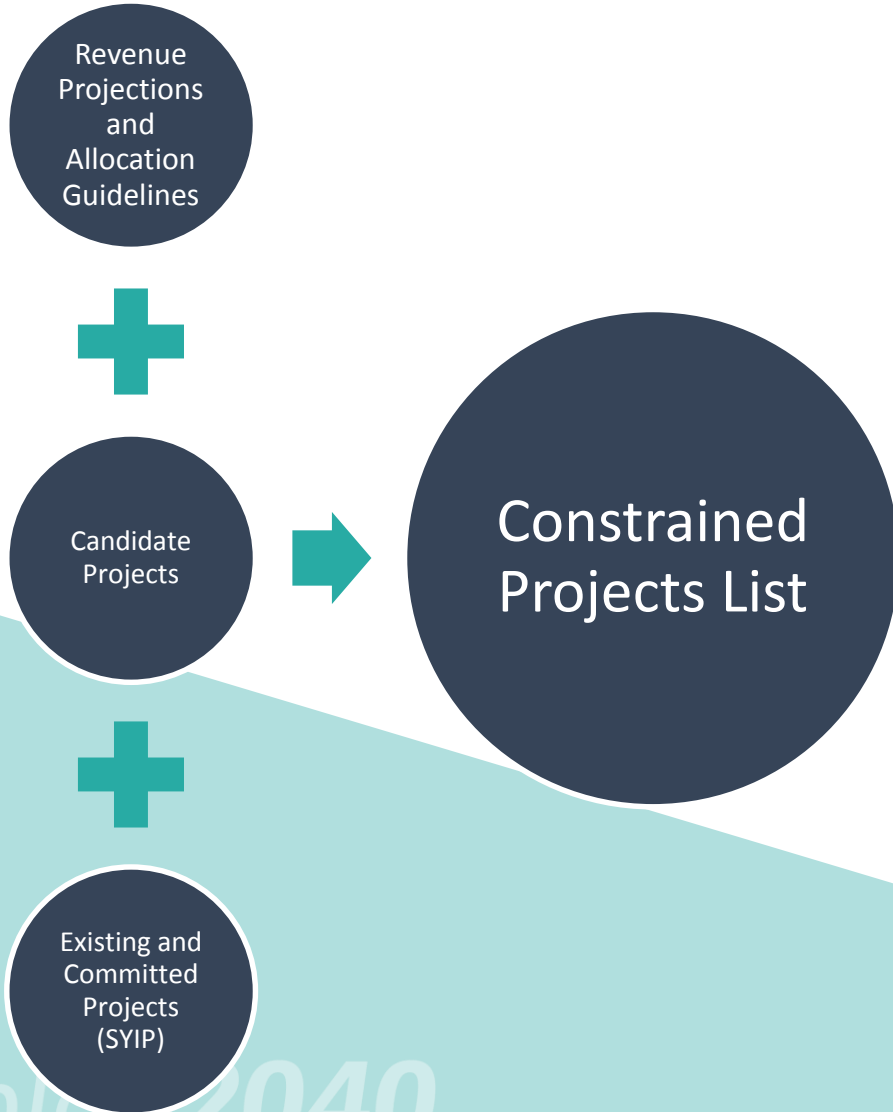
TPO Board Review of 2040 MTP Allocation Guidelines; MTP AC Development of Draft Constrained Projects List

April 2016

TPO Review and Approval of Allocation Guidelines and Draft Constrained Projects List



2040 MTP Fiscally Constrained Plan



- Development of Revenue Projections and Allocation Guidelines
 - Sources: VDOT and DRPT
 - Timebands for 2040 MTP
 - FY 2016-2021 (SYIP)
 - FY 2022-2027
 - FY 2028-2033
 - FY 2034-2040
- Evaluation and Scoring of Candidate Projects
 - Goals-based evaluation method
 - Development of project lists
 - Constrained Projects List
 - Unfunded Regional Needs List



MTP Allocation Guidelines

October:
Introduction to
Allocation
Guidelines for
Fiscally
Constrained Plan

November:
Ad Hoc MTP AC
Meeting on
Allocation
Guidelines and
Focus on
Timeband 4

December:
MTP AC
Development of
Allocation
Guidelines as
Vision for the
Richmond Region

January:
Incorporation of
DRPT Revenue
Projections and
Allocation
Guidelines
Recommendation

February-March:
Staff and MTP AC
Develop Revised
Allocation
Guidelines

Candidate Projects and Funding

plan2035

- Identified Needs: **289 projects**
- Estimated Funds Available: **\$6.8 billion**
- Maintenance Estimate (78%): **\$5.3 billion**
- Available Funding (22%): **\$1.5 billion**
- Preliminary “Constrained List” includes **48 funded projects**
- Preliminary “Vision List” includes **241 unfunded projects** (\$2.4 billion)

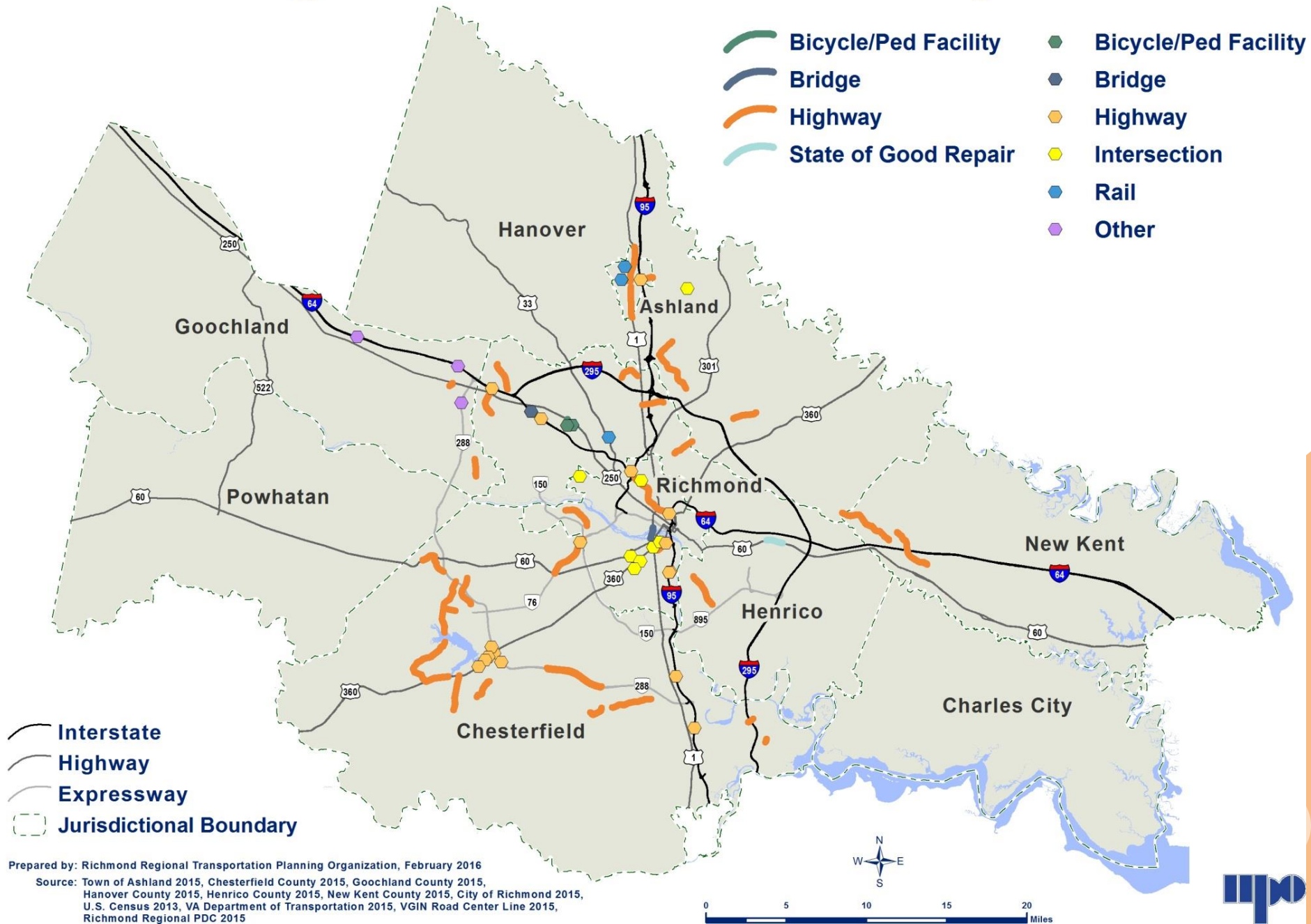
plan2040

- Identified Priorities: **92 projects**
- Estimated Funds Available: **\$10.3 billion***
- Maintenance Estimate (77%): **\$8.08 billion**
- Available Funding (23%): **\$2.29 billion**
- Preliminary “Constrained List” includes **74 funded projects**
- Preliminary “Vision List” includes **18 unfunded projects** (\$342 million)

*New estimation method includes transit funding



Regional Candidate Projects 2040



Prepared by: Richmond Regional Transportation Planning Organization, February 2016

Source: Town of Ashland 2015, Chesterfield County 2015, Goochland County 2015, Hanover County 2015, Henrico County 2015, New Kent County 2015, City of Richmond 2015, U.S. Census 2013, VA Department of Transportation 2015, VGIN Road Center Line 2015, Richmond Regional PDC 2015



TPO Board Requested Action

RESOLVED, that the Richmond Regional Transportation Planning Organization (TPO) approves the *plan2040* Allocation Guidelines and Draft Constrained Projects List as recommended by the 2040 Metropolitan Transportation Plan Advisory Committee (MTP AC) at their March 15, 2016 meeting for inclusion in the 2040 MTP document

MTP Allocation Guidelines

Proposed Timeband 4 (2-4-16)

Project Type	Percentage	Funding (in millions)
Bike/Ped	5.11%	\$23.6
Bridge	14.48%	\$66.9
Highway	49.95%	\$230.9
Intersection	5.21%	\$24.1
Intermodal	0.14%	\$0.7
Public Transit	0.33%	\$1.5
Rail	2.26%	\$10.4
State of Good Repair	12.39%	\$57.3
Other	10.12%	\$46.8

Revised Timeband 4 (4-7-16)

Project Type	Percentage	Funding (in millions)
Bike/Ped	5.00%	\$34.2
Bridge	16.10%	\$110.7
Highway	50.00%	\$341.6
Intersection	2.00%	\$13.7
Intermodal	1.50%	\$10.2
Public Transit	5.00%	\$34.2
Rail	5.00%	\$34.2
State of Good Repair	10.00%	\$68.3
Other	5.30%	\$36.2

Draft Constrained Projects List

Notes

- ❑ GRTC Bus Rapid Transit Corridor previously not listed in Timeband 1 (page 7)
- ❑ Double counted a Route 288/360 project in Chesterfield County in Timeband 2, freeing \$88.4 million to fund other Highway projects and reducing number of projects in Unfunded Regional Needs List to five projects (page 8 and 12)