

# **NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**

## **Technical Advisory Committee**

**January 15, 2014 – 7:00 pm**

**3060 Williams Drive (Suite 510)**

### **AGENDA**

- |             |   |  |
|-------------|---|--|
| <b>I.</b>   | <b>Call to Order/Welcome</b>                      | Chair Randy Boice                      |
| <b>II.</b>  | <b>Clarification of Appointments and Terms</b>    | Chair Boice/John Mason                 |
| <b>III.</b> | <b>Role of Technical Advisory Committee</b>       | John Mason, Interim Executive Director |
| <b>IV.</b>  | <b>Update on NVTa Organization and Activities</b> | John Mason                             |
| <b>V.</b>   | <b>Preferred Meeting Date/Time</b>                | Chair Boice                            |
| <b>VI.</b>  | <b>Next Steps for TAC</b>                         | John Mason                             |

## Northern Virginia Transportation Authority

TAC Member Contact List

Appointment	Name		Phone	Email Addresses	Term*
NVTA	Chair Randy Boyce			RBoice@jmt.com	
CTB	Robert Dunphy			dunphyefc@verizon.net	
CTB	Doug Fahl			dfahl@dewberry.com	
CTB	Shangjiang Zhu			szhu3@gmu.edu	
NVTA	Agnes Artemel			Agnes.artemel@artemelassociates.com	
NVTA	Meredith Judy			meredith.judy@gmail.com	
NVTA	Robert Puentes			rpuentes@brookings.edu	
NVTA	Chris Tacinelli			chris.tacinelli@goroveslade.com	
NVTA	Pat Turner			pat.turner2@verizon.net	
<u>NVTA Staff Coordinator</u>					
<u>Interim Executive Director</u>					
	John Mason		703.642.4650	john.mason@thenovaauthority.org	
Contact	Administrative Asst.	Camela Speer	703.642.4651	camela.speer@thenovaauthority.org	
	Clerk	Camela Speer	703.642.4651	camela.speer@thenovaauthority.org	
*Terms:					
NVTA Appointments (6)					
	Initial 1/2 will serve 1 year				
	Initial 1/2 will serve 2 years				
	Subsequent members will serve 3 years				
CTB Appointments (3)					
	Three year terms				
<b>Quorum five (5) members.</b>					

# NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

## TAC Composition

- **Technical Advisory Committee (TAC)**

- Basis: *§15.2-4837 of the Code of Virginia: The Authority shall have a technical advisory committee, consisting of nine individuals who reside or are employed in counties and cities embraced by the Authority and have experience in transportation planning, finance, engineering, construction, or management. Six members shall be appointed by local jurisdictions and three members shall be appointed by the chairman of the Commonwealth Transportation Board. The technical advisory committee shall advise and provide recommendations on the development of projects as required by §15.2-4838 and funding strategies and other matters as directed by the Authority. Further defined by NVTB Bylaws and Resolution 14A-08.*
- NVTB Charge: This committee of citizens with multi-modal expertise and regional focus shall be responsible for reviewing the development of major projects and potential funding strategies and providing recommendations to the NVTB.  
“Development of projects” means the identification of projects for the NVTB Long Range Transportation Plan and the NVTB Six Year Program, and the application of performance-based criteria to the projects identified.
- Membership: The committee shall consist of nine (9) individuals who reside or are employed in counties and cities embraced by the Authority and have experience in transportation planning, finance, engineering, construction, or management. An effort shall be made to have multi-modal representation, to include highway, transit, pedestrian, and bicycle expertise as well as being balanced regionally. The NVTB will recommend a list of members each year and request that the chief elected officer from relevant jurisdictions appoint selected persons to the committee. Initially, half the locally appointed members will serve a one (1) year term. The other half will serve two (2) year terms. Subsequently, members will serve three (3) year terms. The chairman of the Commonwealth Transportation Board (CTB) will appoint three members to three (3) year terms. Locally appointed members may be removed by the Chairman of the NVTB for failure to attend three consecutive meetings or if the member no longer resides or is employed in an NVTB jurisdiction.
- A quorum shall consist of five (5) members. The committee shall strive for consensus when developing recommendations. If consensus on recommendations cannot be achieved, majority and minority reports that identify issues that need to be addressed shall be presented to NVTB.
- Staff support provided by NVTB executive director or his/her designee.

## NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

### NVTA – An Overview

- **Bit of history – legislative authority**

- SB 576 (2007)

Created NVTA to provide Northern Virginia with a regional organization responsible for

- Developing a long range transportation plan
- Supporting initiatives and TDM programs aimed at improving air quality and relieving congestion, and
- Advocating for transportation needs before State and Federal governments.

With a governance structure that includes:

- Mayor/Chair or designee from each of nine jurisdictions
- Two members of the House of Delegates
- One State senator
- Two citizen members appointed by the Governor, one of whom shall be a member of the Commonwealth Transportation Board
- One non-voting member rotated among several qualified towns
- Commonwealth Transportation Commissioner's designee (ex officio)
- Director of Department of Rail and Public Transportation (DRPT) (ex officio).

With decision rules that require:

- Two-thirds of the members of the Authority present and voting; and
- Two-thirds of the representatives of the counties and cities embraced by the Authority who are present and voting and whose counties and cities include at least
- Two-thirds of the population embraced by the Authority.
- Approval of any project by the affirmative vote of the representative of the jurisdiction.

*Encourages collaboration and consensus*

- HB599 (2012)

- Mandates that “[VDOT], in ongoing coordination with the Commonwealth Transportation Board [CTB], Department of Rail and Public Transportation [DRPT], and the Northern Virginia Transportation Authority [NVTA] shall evaluate all significant transportation projects.”
- Evaluation shall provide an objective, quantitative rating for each project according to the degree to which project is expected to:
  - ✓ Reduce congestion and
  - ✓ Improve regional mobility in the event of a homeland security emergency
- Evaluation shall rely on analytical techniques and transportation modeling
- At least 25 projects shall be selected according to

- ✓ Priorities determined by CTB in coordination with NVTa
  - ✓ Without regard to funding source of project
- HB 2313 – Northern Virginia aspects (2013)
  - Revenue sources (approximately \$300 million annually)
    - ✓ Additional sales tax of 0.7% for a total of 6% for Northern Virginia
    - ✓ Transient Occupancy Tax (TOT) of 2%
    - ✓ Regional congestion fee (grantors tax) of \$0.15 per \$100 valuation
  - Use of revenue
    - ✓ 70% (approximately \$190 million) on regional projects (NVTa) with guidelines:
      - Funds **MUST** be used only for transportation purposes
      - Funds **MUST** be used exclusively in Northern Virginia
      - Localities **MUST** maintain current spending levels for transportation purposes (maintenance of effort)
      - Benefits must accrue to jurisdictions over time (6 years?) proportional to contribution [Challenge is requirement to think regionally about projects at the same time.]
    - ✓ 30% to cities and counties (with minimum of 3,500 population) to spend on secondary road construction, capital improvements that reduce congestion, projects that are in TransAction 204 or its future updates, or for public transportation
    - ✓ Inappropriate use of revenue results in jurisdiction losing its entire allocation (in the 30%) category upon discovery and for the following year. If town uses funds inappropriately, county also loses its funding.
- **Organization of the Authority** (Attachment A)
  - Authority (like a board)
  - Working groups
  - Jurisdictional and Agency Coordinating Committee (JACC)
  - Finance Committee
  - Advisory committees
    - Technical Advisory Committee
    - Planning Coordination Advisory Committee
  - Staff (ED, CFO, Accountant, 2 Planning Coordinators, and Administrative Assistant)
- **FY2014**
  - Mandated evaluation process not required; NVTa used a sophisticated set of metrics
  - Estimated revenue: Approximately \$275 million (\$190M regional; \$85M local)
  - Approved FY2014 Program (Attachment B)
- **Current activities**
  - Bond validation completed
  - Phrasing for MOAs with cities/counties approved at December 12 meeting
    - MOA between NVTa and cities/counties relating to 30% funds. Key considerations:
      - ✓ Distribution of funds will begin following signing of MOA

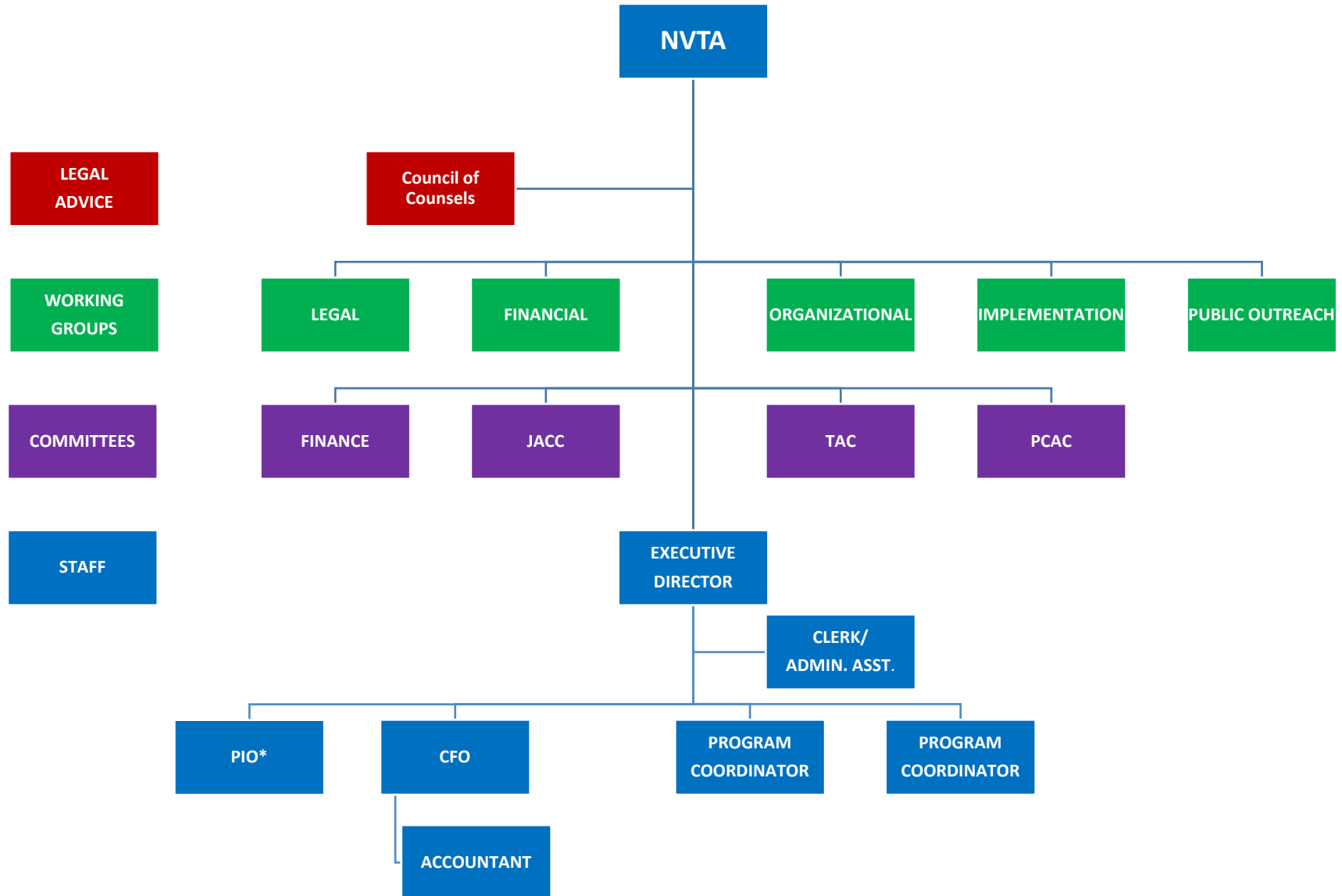
- ✓ Funds will be distributed monthly dependent on receipt of funds from State
- ✓ Norm will be that administrative fee for NVTAs will be deducted from 30% payment
- ✓ County's payment of administrative expenses includes those for towns
- ✓ Cities/counties shall deposit funds in a separate, special fund
- ✓ By August 1 of each year, the CAO of each city/county shall certify to NVTAs – in a form prescribed by NVTAs – that it has satisfied requirements of §4.A of MOA
- ✓ Failure to comply with statutory requirements with respect to use of funds will lead to loss of funds for following year. In the case of default by a town, the county also loses its funding.
- MOA between counties and towns parallels MOA above with common procedures for towns
- Anticipate that MOAs will be sent to cities/counties week of January 6. Funds will be disbursed upon return of signed MOAs.
- FWG now working the issue of project agreement form
- First phase of VDOT study of significant transportation projects in Northern Virginia
  - Jurisdictional work sessions
  - NVTAs consensus on criteria agreed on December 12
- Establishing NVTAs staff and its operations
  - On board: Interim ED, CFO and Clerk/Administrative Assistant
  - Next: Accountant coming on board later in January
  - Going forward: 2 program planners; need agreement on role
- Bond initiative under way; will take several months.
- Anticipate that January 23 meeting will address:
  - Election of Chairman/Vice Chairman
  - Appointment of towns' representative
  - Transition of WG roles to primarily staff responsibility; uncertainty about Program Implementation WG
  - Search process for executive director
  - Normal reports

***In sum, NVTAs is up and operating, has agreed program for FY2014, is collaborating with VDOT on its mandated evaluation process, aims to leverage funds with a bond, and likely will be looking to a two and one-half year program next.***

***Importantly, NVTAs is charged with fiduciary responsibility for compliance with legislative requirements. In general, currently envision that jurisdictions and agencies will be implementing projects.***

# Northern Virginia Transportation Authority

*The Authority for Transportation in Northern Virginia*



\*In FY2014, part-time support provided by NVTC.

As of 11.14.13

# Northern Virginia Transportation Authority

## PIWG Summary of Approved FY 2014 Program (July 24, 2013)

### Recommendation Comparison

#### # Projects

#### Funding Proposed

#### Initial PIWG Recommendation (June 20, 2013)

Proposed FY 2014 PAYGO Projects	32	186,993,000
Not Selected for FY 2014 List	16	173,100,000
<b>Total</b>	<b>48</b>	<b>360,093,000</b>

#### Final PIWG FY 2014 Project Recommendation (July 7, 2013)

Proposed FY 2014 PAYGO Projects (1)	25	116,058,000
Proposed FY 2014 Bond Projects (1)	9	93,735,000
Not Recommended for FY 14 PAYGO or FY 14 Bond Projects	15	153,300,000
<b>Total (2)</b>	<b>49</b>	<b>363,093,000</b>

(1) Innovation Center - Split Request \$21M FY 2014 PAYGO / \$20 M Bond  
(2) Innovation Center is counted twice. Once in FY 14 PAYGO Projects and once in FY 14 Bond Projects.

#### Proposed FY 2014 PAYGO Projects

	Phase/s	Allocation
<b>Alexandria</b>		
DASH Bus Expansion (5 new buses)	FY 14 Revenue Service	3,250,000
Traffic Signal Upgrades/Transit Signal Priority	FY 14 Construction / FY 14 Design Start	660,000
Shelters and Real-Time Transit Information for DASH/WMATA.	FY 14 Construction Start	450,000
Potomac Yard Metrorail Station EIS	FY 14 Planning Complete, Begin Design	2,000,000
<b>Subtotal</b>		<b>6,360,000</b>
<b>Arlington</b>		
Columbia Pike Multimodal Street Improvements	FY 14 Construction Start	12,000,000
Silver/Blue Line Mitigation (4 buses)	FY 14 Revenue Service	1,000,000
Crystal City Multimodal Center	FY 14 Construction Start	1,500,000
<b>Subtotal</b>		<b>14,500,000</b>



**Fairfax County**

Route 28 Widening 6 to 8 lanes (SB from the Dulles Toll Road to Route 50)

FY14 Design/Build

20,000,000

Route 28 Widening 6 to 8 lanes (NB from Mclearen Road to Dulles Toll Road)

FY14 Design/Build

11,100,000

Innovation Center Metrorail Station

FY14 Design/Build

21,000,000

Herndon Parkway Intersection Improvements at Van Buren St.

FY 14 Design Complete, ROW

500,000

Herndon Parkway Intersection Improvements at Sterling Road

FY 14 Design Complete, ROW

500,000

Herndon Metrorail Intermodal Access Improvements

FY 14 Design Complete, ROW

1,100,000

**Subtotal**

**54,200,000**

**Falls Church**

Pedestrian Access to Transit

FY 14 Design Complete

700,000

Funding for Bus Shelters

FY 14 Construction Start

200,000

Pedestrian Bridge at Van Buren Street

FY 14 Design Start

300,000

**Subtotal**

**1,200,000**

**Loudoun**

Belmont Ridge Road, North of the Dulles Greenway (Leesburg) Edwards Ferry Road at the Route 15 Leesburg Bypass Grade Separation.

FY 14 Design/Build Start

20,000,000

2 New Transit Buses

FY 14 Design Start

1,000,000

FY 14 Revenue Service

880,000

**Subtotal**

**21,880,000**

**Prince William**

Route 1 from Featherstone Road to Mary's Way

FY 14 Design Start

3,000,000

**NVTC**

Transit Alternatives Analysis Study in the Route 7 Corridor (King Street, Alexandria to Tysons Corner). (PHASE II)

FY 14 Planning Start

838,000

**PRTC**

PRTC New Gainesville Service (1 bus)

FY 14 Revenue Service

580,000

**VRE**

VRE Gainesville-Haymarket Extension Project Development

FY 14 Planning and Design Start

**1,500,000**

**WMATA**

Traction Power Upgrades on the Orange Line in Virginia

FY 14 Design Start

5,000,000

Ten New Buses on Virginia Routes

FY 14 Contract Start / FY 15 Rev Svc.

7,000,000

**Subtotal**

**12,000,000**

Total FY 14 Construction Projects	5	14,810,000
Total FY 14 Revenue Service Projects	4	5,710,000
Total FY 14 Design/Build Projects	5	79,100,000
Total FY 14 ROW Acquisition Projects	3	2,100,000
Total FY 14 Design Projects	7	13,500,000
Total FY 14 Planning Projects	1	838,000
<b>Total FY 14 Projects (1)</b>	<b>25</b>	<b>116,058,000</b>

**Mode Balance**

Total Roadway Projects

Total Transit/Multimodal Projects

Projects	Allocation	% Share
8	68,100,000	59%
17	47,958,000	41%
<b>25</b>	<b>116,058,000</b>	<b>100%</b>

## Proposed FY 2014 Bond Projects

	Phase/s	Allocation	
<b><u>Arlington County</u></b>			
Boundary Channel Drive Interchange	FY 14 Design Complete, FY 15 Const.	4,335,000	
<b><u>Fairfax City</u></b>			
Chain Bridge Road Widening/Improvements	FY 14 ROW	5,000,000	
<b><u>Fairfax County</u></b>			
Innovation Center Metrorail Station	FY14 Design/Build	20,000,000	
<b><u>Loudoun County</u></b>			
Route 28 Hot Spot Improvements – Loudoun Segment (Sterling Boulevard and the Dulles Toll Road)	FY 14 Construction Start	6,400,000	
Leesburg Park and Ride	FY 14 ROW and Construction Complete	1,000,000	
<b>Subtotal</b>		<b>7,400,000</b>	
<b><u>Prince William County</u></b>			
Route 28 from Linton Hall Road to Fitzwater Drive	FY 14 Construction Start	28,000,000	
<b><u>VRE</u></b>			
VRE Rolling Stock	FY 16 Revenue Service	19,800,000	
VRE Lorton station second platform	FY14 Design	7,900,000	
VRE Alexandria station tunnel and platform improvements	FY 14 Construction	1,300,000	
<b>Subtotal</b>		<b>29,000,000</b>	
Total FY 14 Construction Projects	4	36,700,000	
Total FY 16 Revenue Service Projects	1	19,800,000	
Total FY 14 Design/Build Projects	2	24,335,000	
Total FY 14 ROW Acquisition Projects	1	5,000,000	
Total FY 14 Design Projects	1	7,900,000	
Total FY 14 Planning Projects	0	0	
<b>Total FY 14 Projects (1)</b>	<b>9</b>	<b>93,735,000</b>	
<b><u>Mode Balance</u></b>			
Total Roadway Projects	4	43,735,000	47%
Total Transit/Multimodal Projects	5	50,000,000	53%
	<b>9</b>	<b>93,735,000</b>	<b>100%</b>



# **Projects not Recommended for FY 2014 Funding ("Carryover Projects")**

	Phase/s	Allocation
<b><u>Fairfax</u></b>		
Braddock Road HOV Widening	FY 14 Planning Start	10,000,000
Route 28 Widening; 4 to 6 lanes	FY 14 Design Start	10,000,000
Franconia/S. Van Dorn Interchange	FY 14 Concept Start	20,000,000
Route 29 Widening	FY 14 Utility Rel. Start	7,500,000
West Ox Bus Garage – Phase II	FY 14 Study Start	17,000,000
Fairfax County Bus Service	FY 16 Revenue Service	6,000,000
Innovation Metro Station Garage	FY 14 Design Start	10,000,000
Herndon Metro Station Garage	FY 14 Design Start	10,000,000
<b>Subtotal</b>		<b>90,500,000</b>
<b><u>Falls Church</u></b>		
Pedestrian Signal Improvements	FY 14 Design Start	300,000
<b><u>Herndon</u></b>		
East Elden Street Improvements	FY 14ROW /FY 14 Design	2,600,000
<b><u>Loudoun</u></b>		
Belmont Ridge Road (Segment 1A)	FY14 Design/Build	40,000,000
<b><u>Manassas Park</u></b>		
Route 28 widening (multiple juris.)	Planning	0
<b><u>VRE</u></b>		
VRE Crystal City Platform Ext.	FY 14 Planning/Design	4,000,000
VRE Rippon Station Sec. Platform	FY 14 Planning Start	10,900,000
<b>Subtotal</b>		<b>14,900,000</b>

**WMATA**

Upgrade interlocking and platform  
Girder repairs at National Airport

FY 14 Construction Start

5,000,000

**Total Requested**

**\$153,300,000**

Total FY 14 Construction Projects	1	5,000,000
Total FY 16 Revenue Service Projects	1	6,000,000
Total FY 14 Design/Build Projects	1	40,000,000
Total FY 14 ROW Acquisition Projects	1	7,500,000
Total FY 14 Design Projects	6	36,900,000
Total FY 14 Planning Projects	5	57,900,000
<b>Total Projects not Recommended for FY 2014 Funds</b>	<b>15</b>	<b><u>153,300,000</u></b>

**Mode Balance**

Total Roadway Projects	7	90,100,000	59%
Total Transit/Multimodal Projects	8	63,200,000	41%
	<b>15</b>	<b>153,300,000</b>	<b>100%</b>