



SUBCOMMITTEE ON EVALUATION OF LOCAL MAINTENANCE PAYMENTS

October 11, 2011

Jennifer DeBruhl

Acting Director

Local Assistance Division

Agenda

- **Public Comment**
- **Presentation on VDOT's Asset Management Program**
- **Follow-up items from the September Meeting**
 - **Application of other measures to the distribution of local maintenance funds (VMT, population, economic impact)**
 - **Other factors/ scenarios**
- **Follow-up discussion from Strategic Planning Retreat**
- **Next Steps**

CTB Resolution

- **The CTB meeting on June 15, 2011:**
 - adopted local maintenance payments for fiscal year 2011-2012
 - significant discussion regarding the distribution of maintenance funds across systems and localities
- **The CTB requested to:**
 - evaluate the issues surrounding equalization of maintenance fund allocations
 - and to consider options which could be addressed administratively and legislatively
- **Subcommittee:**
 - consists of all At-Large Members of the Board,
 - to develop recommendations for the effective and equitable distribution of maintenance funds
 - to present those recommendations to the Board on or before December 31, 2011.

Schedule

- **August 31 - Initial meeting of subcommittee**
- **September 20 - Subsequent meeting of subcommittee**
- **October 11 - Subsequent meeting of subcommittee**
- **October 19 - Briefing of full Board (workshop item)**
- **December - Action by full Board**

General Overview of Follow-up Items

- **Application of other measures to the distribution of local maintenance funds** (*Note: the analysis assumes that the overall allocation of funding to locals remains at \$364M*)
 - **Current distribution of funds**
 - **VMT**
 - **Population**
 - **Economic Impact**
 - **% Truck**
- **Combination of factors**

Distribution of Local Maintenance Funds (Current Process)

- **CURRENT PROCESS:**
 - **Urban (81 Cities and Towns):**
 - Distribution of funds based on lane miles (for Cities/ Towns)
 - Payment Categories – Functional Classification (Arterials, Collector/ Local)
 - Payment Rates for FY12:
 - Arterial Roads = \$17,819
 - Collector and Local Streets = \$10,461
 - **County (Arlington/ Henrico):**
 - Distribution of funds based on effective lane mileage
 - No payment categories – based on pavement width
 - Payment Rates for FY12:
 - Arlington = \$16,896
 - Henrico = \$9,395
 - **Total FY12 Local Maintenance Funding:**
 - \$364,628,807.51

Distribution of Local Maintenance Funds: (AVMT Scenario)

- **AVMT (FY09 Data):**
 - **AVMT (Annual Vehicle Miles Traveled):** The annual volume of traffic on a specific road segment multiplied by the length of the segment.
 - **FY09 data is the most recent available**
 - **Determined the % of FY09 AVMT on the locally maintained system per locality**
 - **Distributed the total FY12 Maintenance Funds of \$364M by the % AVMT per locality**
 - **Trend:**
 - The smaller localities within the Urban Maintenance Program would experience reductions in maintenance funding.
 - The larger cities experienced a significant increase in funding.

Distribution of Local Maintenance Funds Scenarios: (Population)

- **POPULATION (2010):**
 - Analysis using 2010 Census Population data
 - Determined the % of 2010 Population per locality
 - Distributed the total FY12 Maintenance Funds of \$364M by the 2010 Population percentage per locality
 - **Trend:**
 - The smaller localities within the Urban Maintenance Program would experience significant reductions in maintenance funding.
 - The larger localities experienced a significant increase in funding

Distribution of local maintenance funds Scenarios: (Economic Impact)

- ***ECONOMIC IMPACT:***

- **Taxable Sales:**

- Reviewed Virginia sales tax revenues reported for 2010
- Data was only available for Cities and Counties (included Towns)
- Unable to break down the data to the Town level
- Determined that the analysis would be inconclusive without comparing City and Town data

- **Gross Domestic Product (GDP):**

- Reviewed the GDP in Virginia to determine if an analysis could be conducted by locality
- Only information available was by metro region per population
- Determined that this was not a good indicator as the data could not be further analyzed by locality

- **Gas Sales Tax Receipts:**

- Gas tax paid in Virginia at the wholesale level (only a few wholesalers in the Commonwealth)
- Unable to break down the gas tax collections by locality or region

Distribution of Local Maintenance Funds Scenarios: (% of Trucks)

- **% TRUCK (FY09):**
 - Distribution of funding using the % of truck traffic usage of the FY09 AVMT
 - Trucks are defined as vehicle classification numbers 6 thru 13 (or three-axle single unit trucks thru seven/more axle multi-trailer combo trucks)
 - Distributed the total FY12 Maintenance Funds of \$364M by the 2010 percentage of truck usage of FY09 AVMT per locality
 - **Trends:**
 - Counties and Towns where VDOT maintains the Primary Routes have a lower percentage of Truck AVMT (i.e. Arlington and Henrico) and would see a reduction in funding
 - Suffolk

Distribution of local maintenance funds Scenarios (Other)

- **OTHER FACTORS:**

- **% Snow/ Emergency Response (2010):**

- Reviewed the distribution of funding if allocated by % of snow and emergency response
- Data analysis utilizing expenditures reported on the annual Weldon Cooper Report
- Expenditures unique by region
- Available data is not sufficient to analyze trends.

- **Other Factors:**

- Other factors that could be worthy of further research and analysis (example: # of bridges per locality, traffic operations expenditures, etc...).

Distribution of local maintenance funds Scenarios: (Combination)

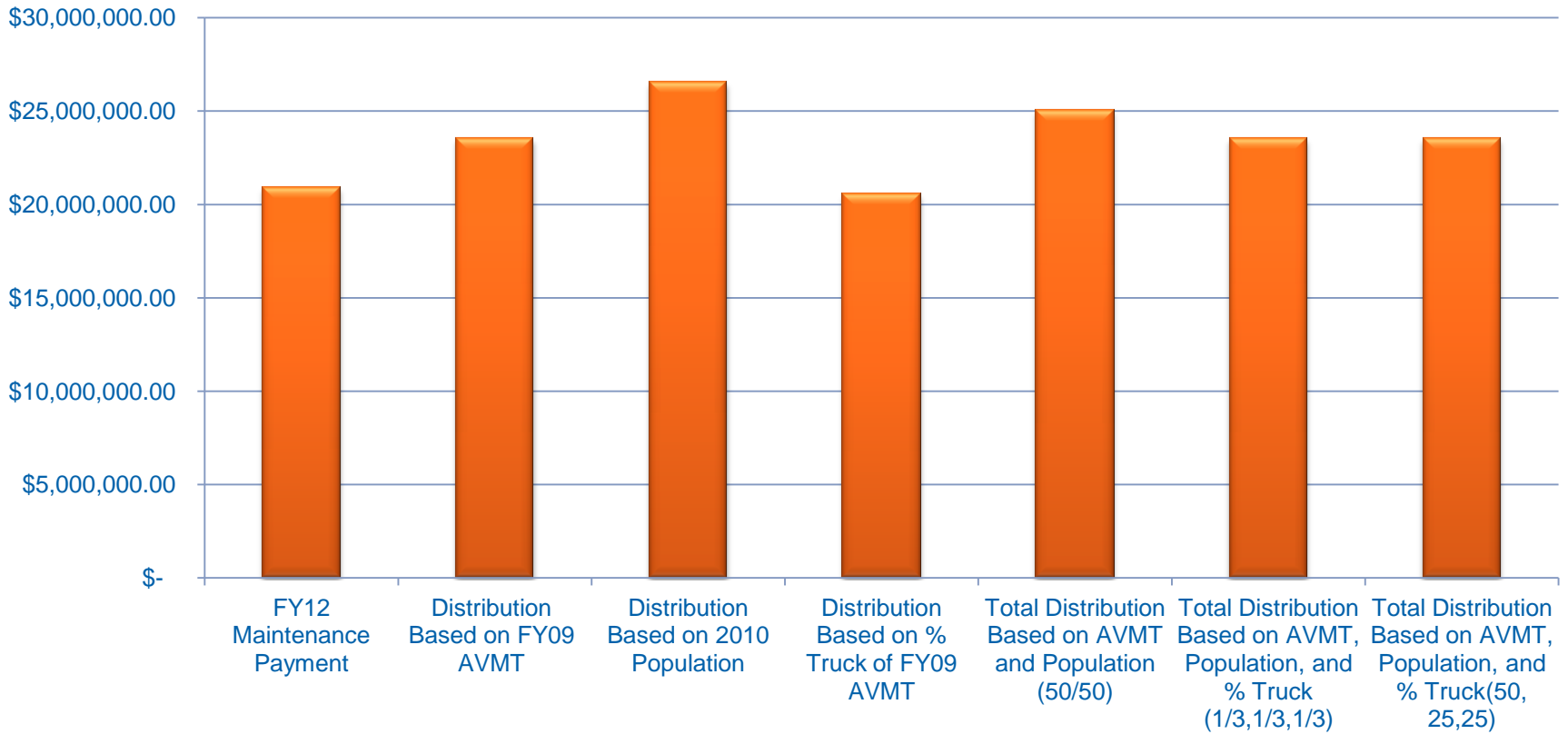
- **COMBINATION OF FACTORS:**
 - **50% AVMT, 50% Population:**
 - Analysis of the distribution of funds based on a 50/50 split of the AVMT and Population factors
 - *Trend:*
 - 30% of the localities would receive an increase in funding with 72% of the localities experiencing a slight reduction.
 - **33% AVMT, 33% Population, 33% Truck:**
 - Analysis of the distribution of funds based on a 1/3 split of the AVMT, Population and % Truck factors
 - *Trends:*
 - A handful of the localities experience a significant reduction in maintenance funding
 - 26% of the localities would receive an increase in payment with 74% experiencing a decrease.

Distribution of local maintenance funds Scenarios: (Combination - Continued)

- **50% AVMT, 25% Population, 25% Truck:**
 - Analysis of the distribution of funds based on a 50/25/25 split of the AVMT, Population and % Truck factors
 - *Trends:*
 - A handful of the localities experience a significant reduction in maintenance funding
 - 31% of the localities would receive an increase in payment with 69% experiencing a decrease
- **Other:**
 - Note: the smaller localities take the greatest reduction in funding.
 - In general, the more factors used minimize the overall funding impacts to the localities.
 - Other combinations of percentages of the factors (AVMT, Population and %Truck) could also be considered.

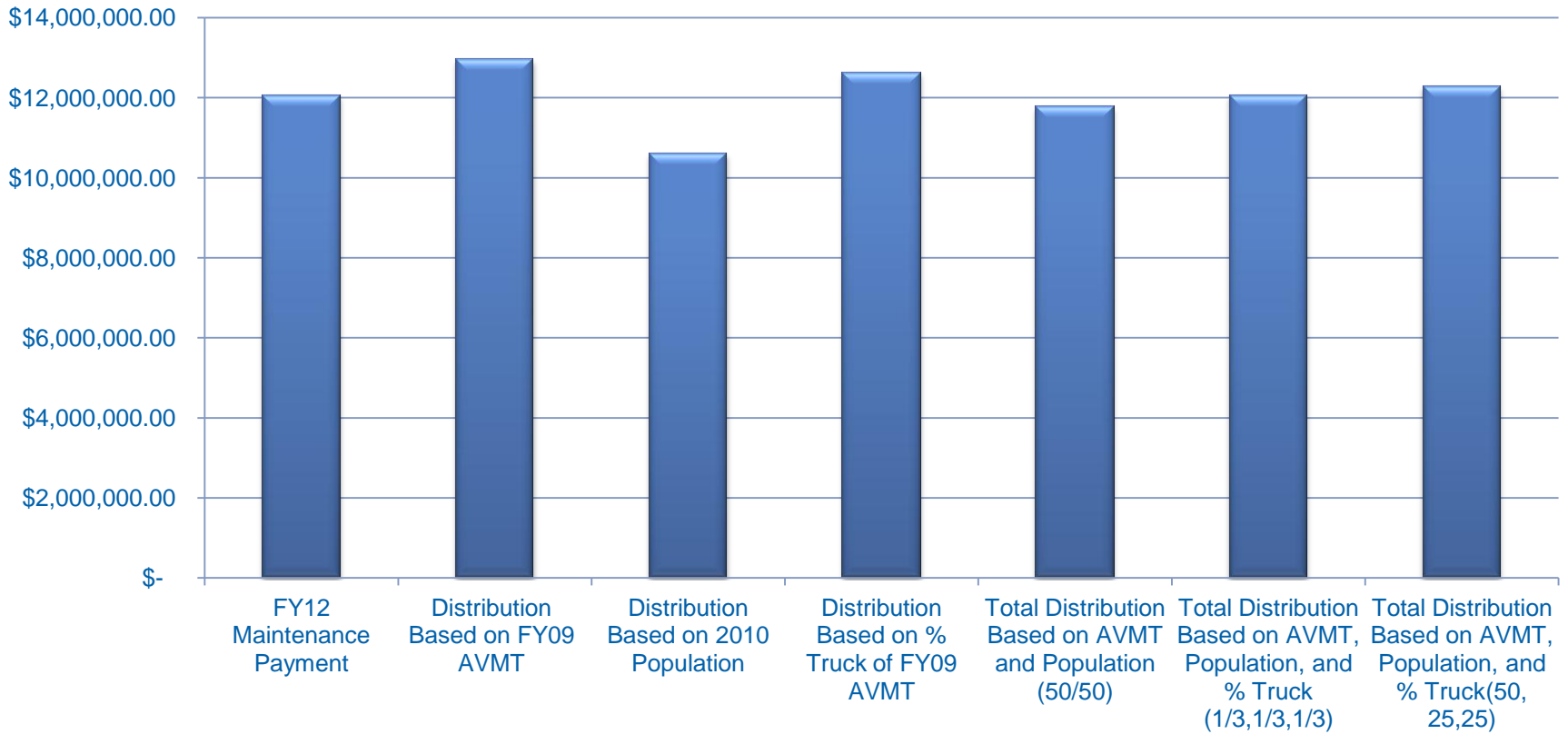
Example: Scenario for Norfolk

Norfolk



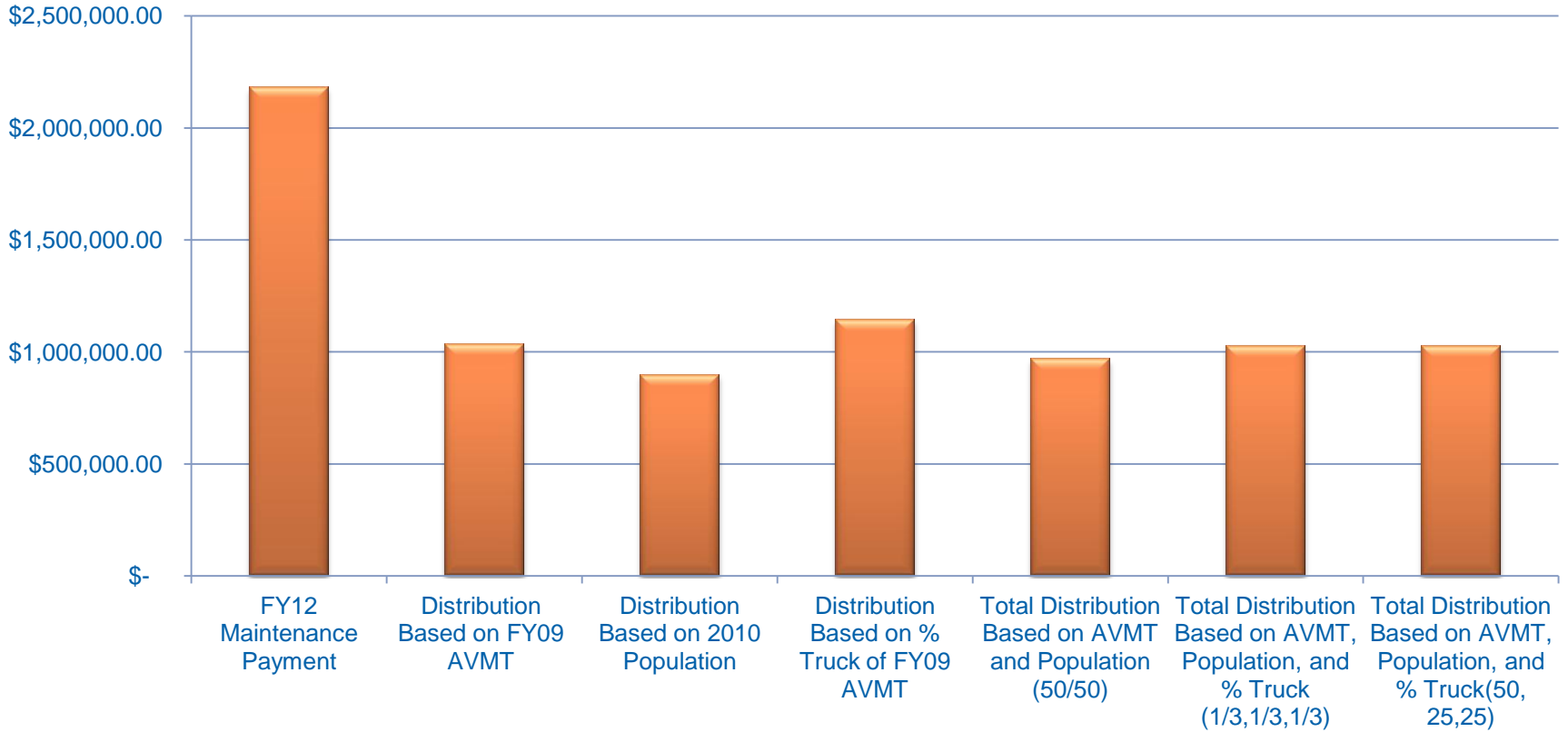
Example: Scenario for the Roanoke

Roanoke



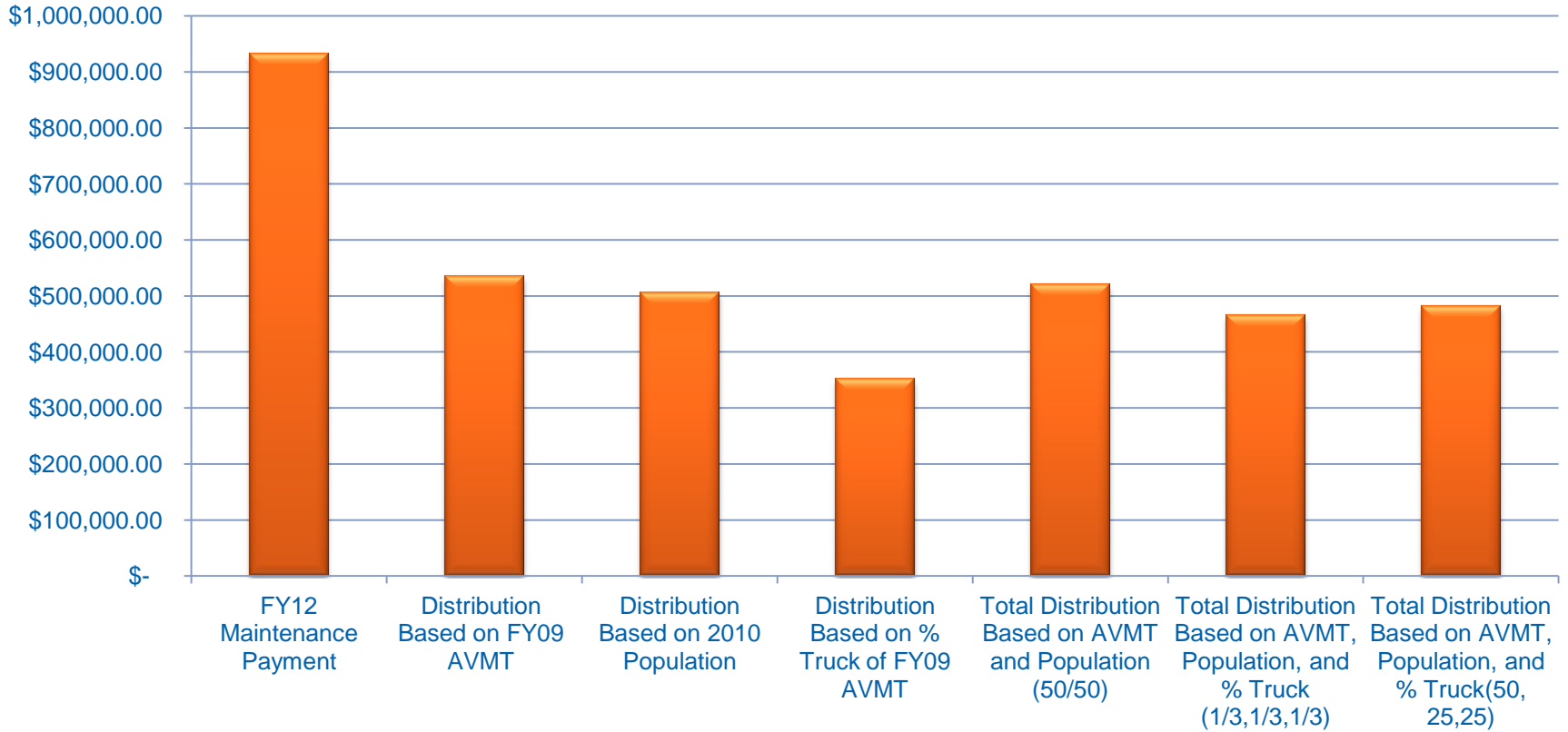
Example: Scenario for the Wytheville

Wytheville



Example: Scenario for the Tazewell

Tazewell



Next Steps

- **Prepare recommendations for the full CTB meeting scheduled for October 19th.**
- **Action by the full board at the December CTB meeting**



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