

# **HB2 District Grant Program Allocation Formula**

Presentation to the FAMPO Policy Committee

# HB 2 District Grant Program Background

- Allocates 50% of funding available from HB2 Prioritization process
- About \$625 Million in funding for FY 17-22 SYIP
- Fredericksburg District share is about 6.9% of total ~ \$43 Million
  - Allocation shares by VDOT District based on a 1986 Formula developed for a Special State Legislative Session on Transportation Trust Fund (TTF)
  - 1986 Formula developed to allocate funds:
    - Primary – 40%
    - Secondary – 30%
    - Urban – 30%
  - Concerns that 6.9% share for Fredericksburg is low based on size and amount of traffic in our District

District	Percentage
Bristol	7.0%
Culpeper	6.2%
Fredericksburg	6.9%
Hampton Roads	20.2%
Lynchburg	7.1%
Northern Virginia	20.7%
Richmond	14.4%
Salem	9.6%
Staunton	7.8%
<b>Total</b>	<b>100.0%</b>

# Review of 1986 Formula

- Developed for a different purpose than HB2 District Grant Program
- Interstate not included in formula, but eligible for HB2 District Grant Program funding
- Not consistent with national standard of 2010 Federal Functional Classification
  - Uses State Primary, Secondary, & Urban classifications for funding which are different than Federal definitions
  - State classifications initially developed over 50 years ago based on road usage at that time and have not been regularly updated on a systemwide basis like Federal Functional Classification. As a result, some major highways today are classified as secondary and some minor highways today are classified as primary
- Secondary component of formula based on county population instead of total population
- Urban component of formula based on city and town population in District relative to rest of state and not national standard of census urbanized area

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Staunton	7.8%
<b>Total</b>	<b>100.0%</b>

# Proposed Revision to District Grant Formula

- Include interstate usage, e.g., VMT
- Base on 2010 Federal Functional Class
- Calculate secondary population based on total population
- Calculate urban population based on 2010 Census Urbanized Population instead of City and Town population
- Give every District a 3% base amount and allocate remaining percentage based on 40-30-30 formula for Primary vs. Secondary vs. Urban
  - 27% for Base Amount for 9 Districts
  - 73% allocated based on 40-30-30 formula
- Cap lower District limit at 5% and upper District limit at 25%

# Proposed Revision to District Grant Formula

- Base:
  - 27% based on 3% for each VDOT District
- Primary: 29.2%
  - 21.90% based on VMT from principal arterials (including interstates) and minor arterials in VDOT District
  - 7.30% based on the lane miles of principal arterials (including interstates) and minor arterials in VDOT District
- Secondary: 21.9%
  - 17.52% based on the Statewide share of the total population contained in the VDOT District
  - 4.38% based on the Statewide share of the total land area contained in the VDOT District
- Urban: 21.9%
  - 50% based on relative share of 2010 Urbanized Area (UZA) population
  - 50% based on the share of statewide UZA population growth (2010-2014) contained within the VDOT District.
- Cap:
  - If any VDOT District is below 5%, designate District as 5% and take away percentage from other Districts based on relative percentages.
  - If any VDOT District is above 25%, designate District as 25% and take away surplus percentage from this District and allocate to other Districts based on their relative percentages.

# Comparison Results: New Proposed to 1986 Formula

VDOT District	Proposed Formula Total	1986 Formula Total	Pct Change
Bristol	6.3%	7.1%	-0.7%
Culpeper	6.3%	6.2%	0.1%
<b>Fredericksburg</b>	<b>7.7%</b>	<b>6.8%</b>	<b>0.8%</b>
Hampton Roads	16.7%	20.2%	-3.4%
Lynchburg	6.6%	7.2%	-0.6%
Northern Virginia	25.0%	20.7%	4.3%
Richmond	14.9%	14.4%	0.5%
Salem	8.6%	9.6%	-1.0%
Staunton	7.8%	7.8%	0.0%

# Summary

- Proposed District Grant Program allocation formula approach more objective and based on existing planning assumptions
- Of Virginia's approximately 8.3 million residents, about 5.1 million residents will see positive results from the recommended formula
- Proposed formula will more accurately allocate funds where they are most needed