



Making Efficient + Responsible Investments In Transit

Transit Capital Application Update

CTB Rail and Transit Subcommittee – March 20, 2019

Jennifer DeBruhl
Chief of Public Transportation



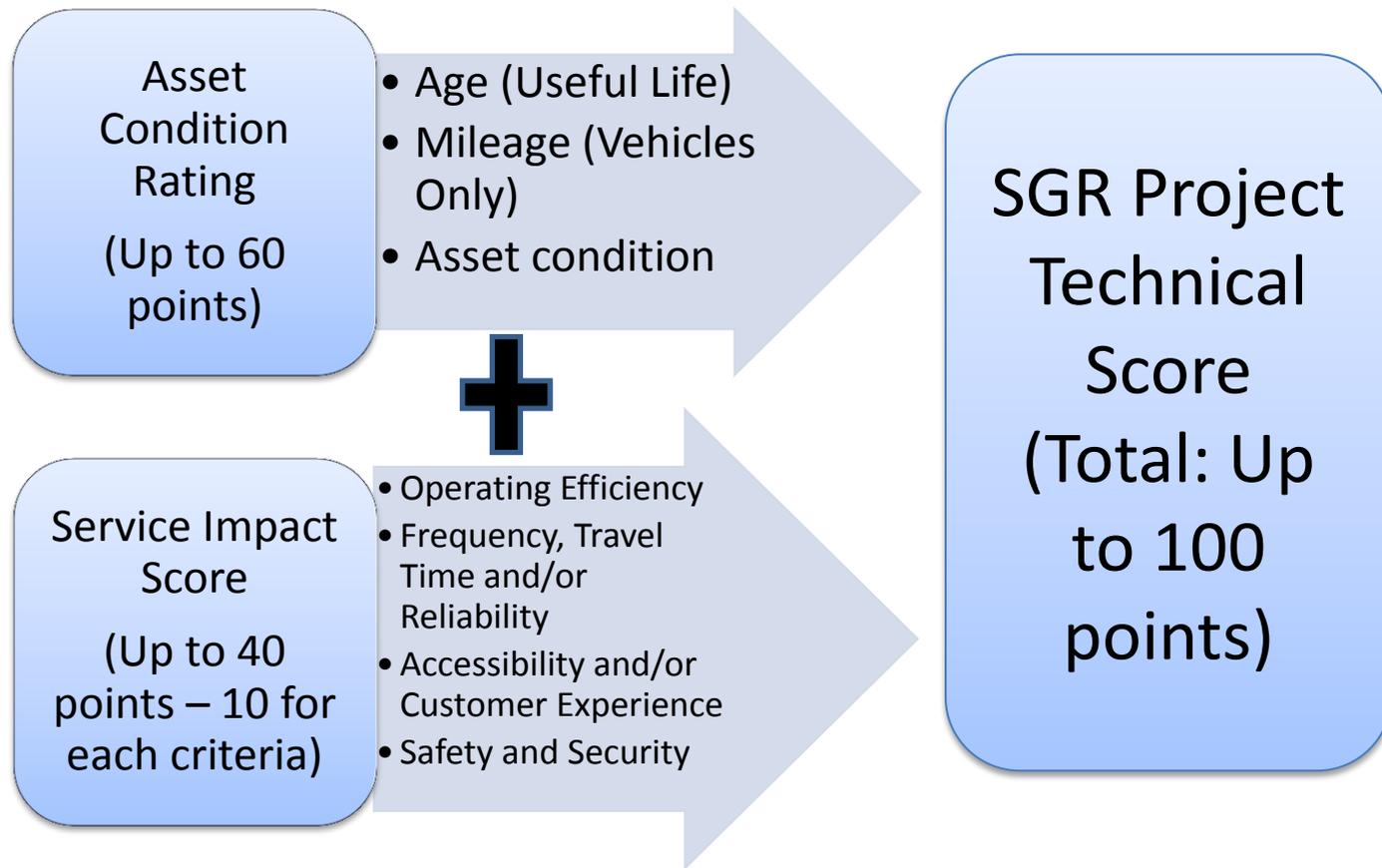
Virginia Department of Rail and Public Transportation

Statewide Transit Capital Prioritization

- **Effective July 1, 2019**
- **State of Good Repair**
 - » *Based on transit asset management principles, including federal requirements for Transit Asset Management*
- **Major Expansion**
 - » *Based on SMART SCALE factors:*
 - Congestion mitigation
 - Economic development
 - Accessibility
 - Safety
 - Environmental quality
 - Land use

Scoring Methodology

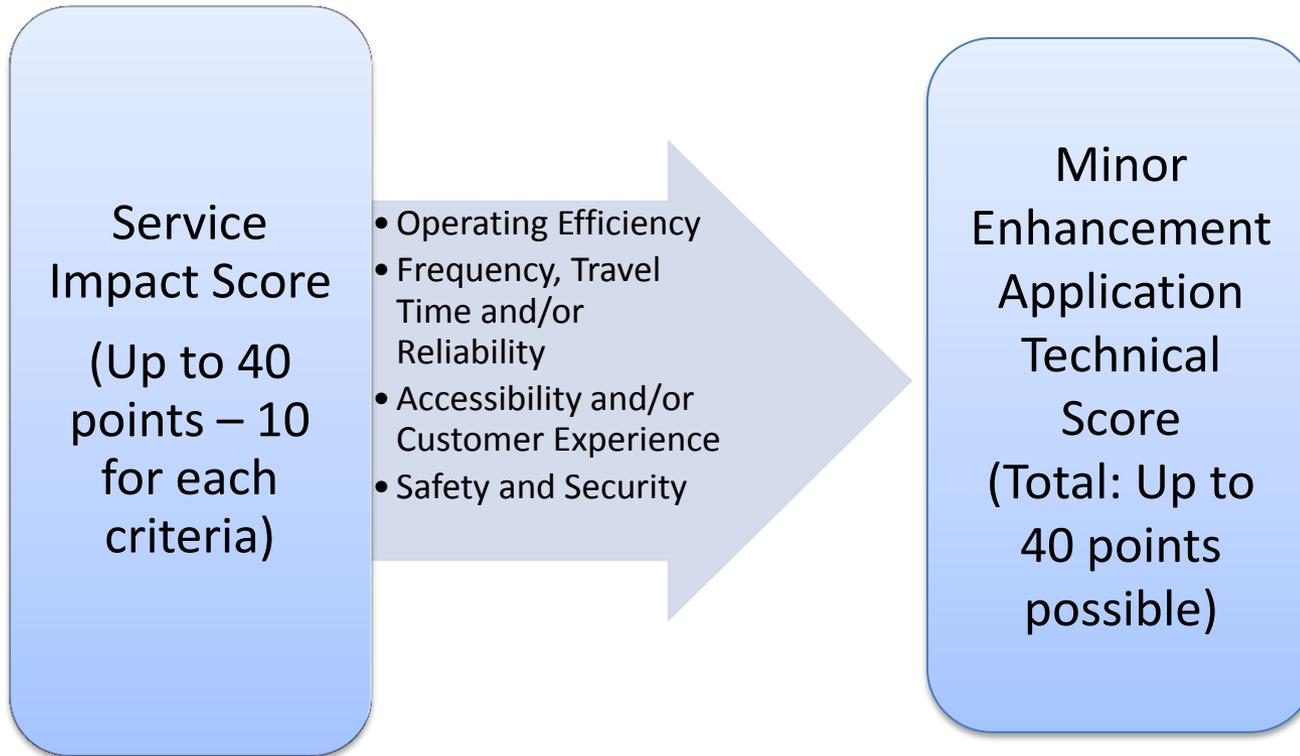
State of Good Repair Projects



State of Good Repair Scoring

- **279 Line items scored**
- **Scores range from a high of 97 to a low of 15**
- **Items that scored well:**
 - » *Items exceeding useful life/mileage*
 - » *Revenue vehicles*
 - » *Customer facing infrastructure*
 - » *Operational technology*
- **Items that did not score well:**
 - » *Items not yet at their useful life/mileage*
 - » *Administrative technology*
- **Challenges:**
 - » *Items without an expected service life documented in guidance*

Scoring Methodology: Minor Enhancement Projects



Minor Enhancement Scoring

- **85 Line items scored**
- **Scores range from a high of 35 to a low of 8**
- **Items that scored well:**
 - » *Expansion vehicles*
 - » *Maintenance equipment/facilities*
 - » *Customer facility improvements*
 - » *Operational technology*
- **Items that did not score well:**
 - » *Administrative technology*
- **Challenges:**
 - » *Categorization of project types – some items do not clearly fit in any of the scoring categories*

Major Expansion Projects – Measures by Factor Area

Factor	Measure	Measure Weight
Congestion Mitigation	Change in peak-period transit system ridership attributed to the project	100%
Economic Development	Project consistency with regional and local economic development plans and policies, and support for local development activity	100%
Accessibility	Project improvement in accessibility to jobs and select non-work destinations	50%
	Disadvantaged population (low-income, minority, or limited English proficiency) within walking distance of project	50%
Safety	Project contribution to improving safety and security, reducing risk of fatalities or injuries	100%
Environmental Quality	Reduction in daily vehicle miles traveled resulting from project	100%
Land Use	Transit supportive land use served by the project	100%

Major Expansion Scoring

- **4 Major Expansion Projects scored**
- **Project Benefit Scores:**
 - » *Crystal City Potomac Yard Transitway - 23.5*
 - » *Crystal City Metro Station East Entrance - 37.7*
 - » *Potomac Yard Metrorail Station South Entry - 47.7*
 - » *Route 1 Metroway Expansion - 17.6*
- **MERIT scores (Benefit/Transit Capital Cost) will be developed once the transit capital share is determined**

Next Steps

- Complete coordination with the Department of Environmental Quality on electric bus applications (VW Mitigation Trust)
- Develop draft Six Year Improvement Program and present to CTB in April



Making Efficient + Responsible Investments In Transit

Transit Capital Application Update

CTB Rail and Transit Subcommittee – March 20, 2019

Jennifer DeBruhl
Chief of Public Transportation

