



Virginia Department of Rail and Public Transportation

RAB Recommendations for Prioritization & Program Structure

Transit Service Delivery Advisory Committee

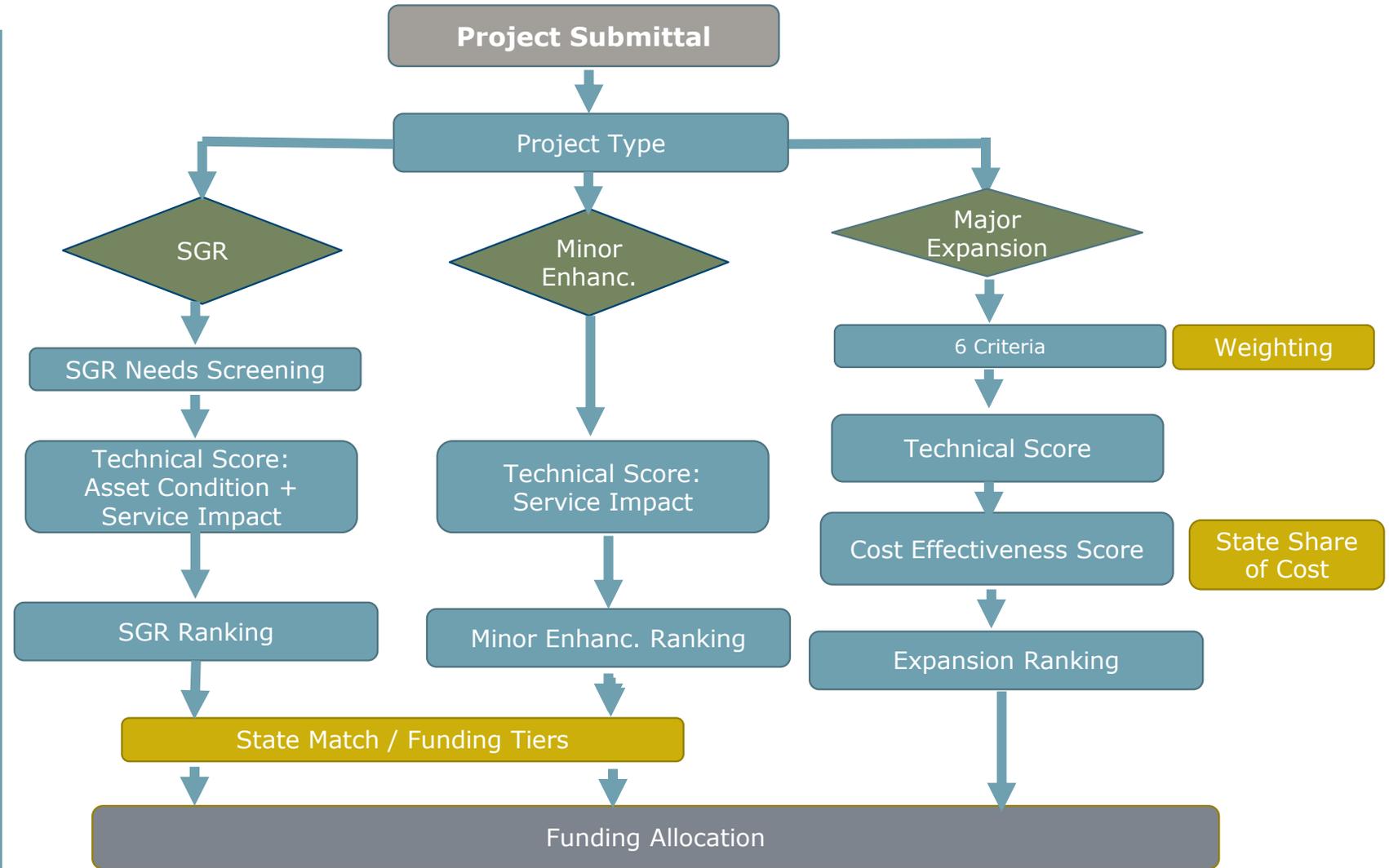
March 12, 2018

Project Types

- **State-of-Good Repair (SGR):** Projects/programs to replace or rehabilitate an existing asset
- **Minor Enhancement (ME):** Projects/programs to add capacity, new technology, or a customer enhancement meeting the following:
 - Project costs less than \$2 million, OR
 - Expansion vehicles: less than 5 vehicles or less than 5% of fleet
- **Major Expansion:** New projects/programs that add, expand, or improve service (greater than \$2M)



Revised Structure for Capital Program Prioritization



State-of-Good Repair – Illustrative Criteria

Asset Condition
60 points



Service Quality Impact
40 points

- Asset age and/or mileage
- Asset condition rating
- **Local priority**

- Service frequency & reliability
- Operating efficiency
- Customer experience
- Safety and security

- For SGR replacement-type projects, potential benefit score of up to 100 points



Minor Enhancement – Illustrative Criteria



Service Quality
Impact
40 points

- Service frequency & reliability
- Operating efficiency
- Customer experience
- Safety and security

- For Minor Enhancement projects, potential benefit score of up to 40 points

Service Quality Ratings (40 pts)



Criteria	High (10)	Medium (5)	Low (1)	No Impact (0)
Service Frequency, Travel Time and/or Reliability (10 pts)	Speeds up transit routes or allows for increased frequency. Significant impact on reliability either through preventing breakdowns or removing vehicles from mixed traffic	Moderate positive improvement	Marginal or low improvement	No (or negative) impact
Service Operating Efficiency (10 pts)	Provides for significantly more cost-effective provision of service	Moderate positive improvement	Marginal or low improvement	No (or negative) impact
Service Accessibility and/or Customer Experience (10 pts)	Significant improvement in a customer's ability to access the system or a significant improvement in the ease of use of the system.	Moderate positive improvement	Marginal or low improvement	No (or negative) impact
Safety and Security (10 pts)	Provides a significant improvement in safety or security	Moderate positive improvement	Marginal or low improvement	No (or negative) impact

Expansion Projects - Criteria



Criteria	Measures
Congestion Mitigation	Incremental Increase in Ridership
Economic Development	Project Support for Economic Development
Accessibility	Access to Jobs Access to Jobs by Disadvantaged Persons Access to Multimodal Choices
Safety	Direct Safety Benefit (presence of safety features)
Environmental Quality	Air Quality and Environmental Effect (based on new ridership)
Land Use	Transportation-Efficient Land Use

Illustrative Funding Level

- Process assumes a split of funding between State of Good Repair and Expansion
- Minimum funding level would be established for SGR
 - Would need additional trend analysis to establish for implementation
- Minor enhancements would be prioritized separately, but included within the funding for SGR
- Funds could be diverted from expansion to SGR/Minor Enhancement to address peaks in demand
- SGR funds would not move to increase funding for expansion



Principles for Transit Capital Program Structure

	State of Good Repair and Minor Enhancement (80%)		Expansion (20%)
	SGR (95%)	Minor Enhancement (5%)	
	 		
Funding Level	Minimum funding level (floor) for SGR Funding can be moved from expansion to SGR based on need		Funding level to be determined based on review of needs, funding can be moved to SGR but not from SGR to expansion
Illustrative State Match	up to 80%	up to 80%	up to 50%





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