



Resilience 2050

Adapting to the Challenges of Tomorrow

Draft Preferred Alternative for
Resilience 2050: Adapting to the Challenges of Tomorrow
January 3, 2023

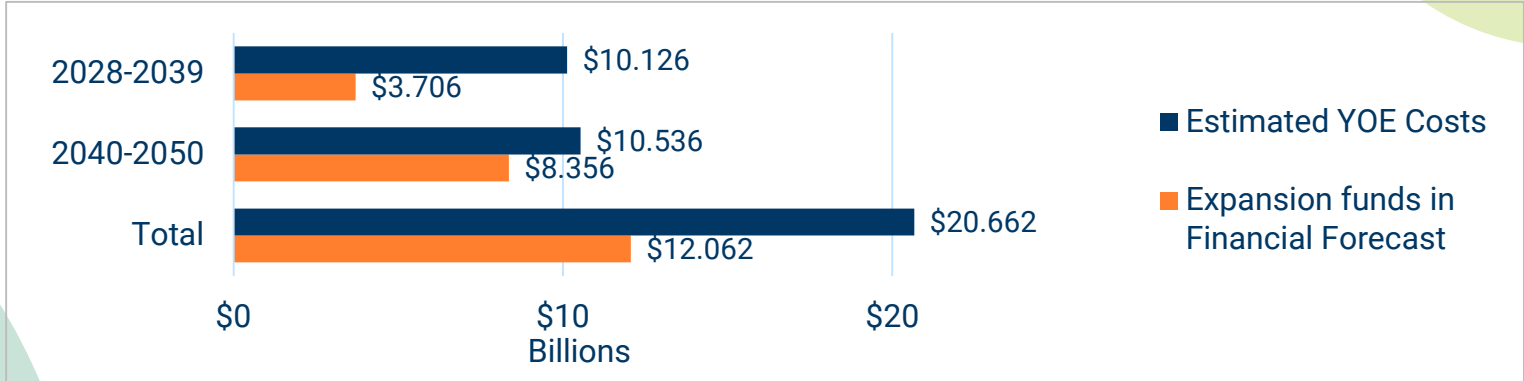


Preferred Alternative

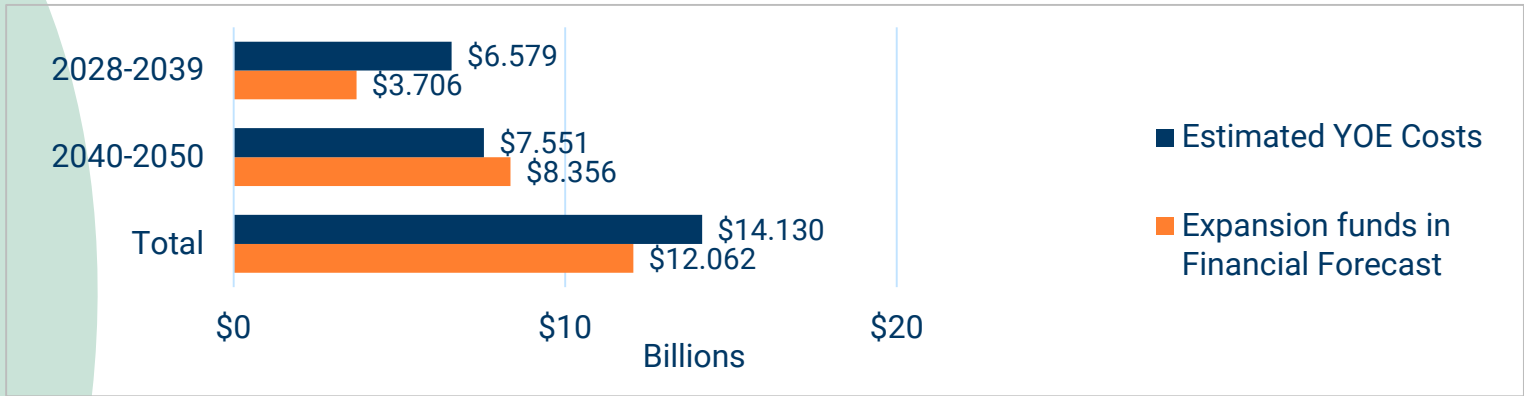
- **Project Submittals**
 - 62 Roadway
 - 36 Transit
- **Project scores: local jurisdictions (policy) and BMC staff (Technical)**
- **YOE Cost of Submitted Projects**
 - Current \$ costs inflated to YOE based on anticipated implementation timeframe at 2.5% (drawn from MDOT financial forecast)
 - 2034 for 2028-2039; 2045 for 2040-2050
 - \$100 million in current dollars = \$131 million in 2034 and \$172 million in 2045
- **Financial Forecast of state/federal revenues available for expansion (\$12.062 billion)**

Preferred Alternative

YOE Costs vs
Expansion
Funds **BEFORE**
moving non-
capacity
projects to
System
Preservation



YOE Costs vs
Expansion
Funds **AFTER**
moving non-
capacity
projects to
System
Preservation



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	Expansion Financial Forecast	Draft Preferred Alternative Anticipated Investments
2028-2039	\$3,706,000,000	\$3,706,000,000
2040-2050	\$8,356,000,000	\$8,289,000,000
Total	\$12,062,000,000	\$11,995,000,000

- Projects in handout ordered by total score
- 13 projects shifted to 2040-2050 timeframe due to financial constraints from 2028-2039 (**Red bold in handout**)
- 13 non-capacity projects shifted to system preservation (See second handout)
- Small Program Set-asides
 - Recommend \$250 million off the top for Small Program Set-Asides to support reducing emissions, regional bicycle and pedestrian projects, etc.
 - Recommend inclusion of regional bicycle and pedestrian priority projects identified by BPAG

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Jurisdiction	BPAG Regional Priority Project
Annapolis	<ul style="list-style-type: none">• Shared use path and separated bicycle lane along College Creek Connector, MD 450 Connector & Taylor Ave Connector• Shared use path and sidepath along West East Express
Anne Arundel	<ul style="list-style-type: none">• Complete South Shore Trail missing segments• BWI Trail loop to Gwynns Falls Trail
Baltimore City	<ul style="list-style-type: none">• Citywide ADA Infrastructure Improvements• Complete Baltimore Greenway Trail Network• Separated bicycle facilities along Liberty Heights Avenue
Baltimore County	<ul style="list-style-type: none">• Connection through Baltimore County to Ma & Pa Trail in Harford County• Torrey C. Brown/NCR Trail Connections to Baltimore City• Gwynns Falls Trail Connection to Baltimore City
Carroll	<ul style="list-style-type: none">• Northwest Trail• Wakefield Valley Park Bike & Ped Trail System
Howard	<ul style="list-style-type: none">• Patuxent Branch Trail Completion• Shared use path and sidewalk along Route 1 Corridor
Queen Anne's	<ul style="list-style-type: none">• Connect Cross Island Trail and South Island Trail
Regional	<ul style="list-style-type: none">• Complete the Patapsco Regional Greenway

Preferred Alternative

Expansion				
	Transit YOE \$	Highway YOE \$	Transit %	Highway %
Max2045: 2024-2034	\$94,000,000	\$3,040,000,000	3.0%	97.0%
Max2045: 2035-2045	\$2,455,000,000	\$6,468,000,000	27.5%	72.5%
Max2045 Total	\$2,549,000,000	\$9,508,000,000	21.1%	78.9%
Res2050: 2028-2039	\$1,951,000,000	\$1,710,000,000	53.3%	46.7%
Res2050: 2040-2050	\$2,857,000,000	\$5,227,000,000	35.3%	64.7%
Res2050 Total	\$4,808,000,000	\$6,937,000,000	40.9%	59.1%

System Preservation				
	Transit YOE \$	Highway YOE \$	Transit %	Highway %
Res2050: 2028-2039	\$2,838,000,000	\$709,000,000	80.0%	20.0%
Res2050: 2040-2050	\$2,985,000,000	\$0	100.0%	0.0%
Res2050 Total	\$5,823,000,000	\$709,000,000	89.1%	10.9%