

Minnesota
A Collaborative Vision
for Transportation

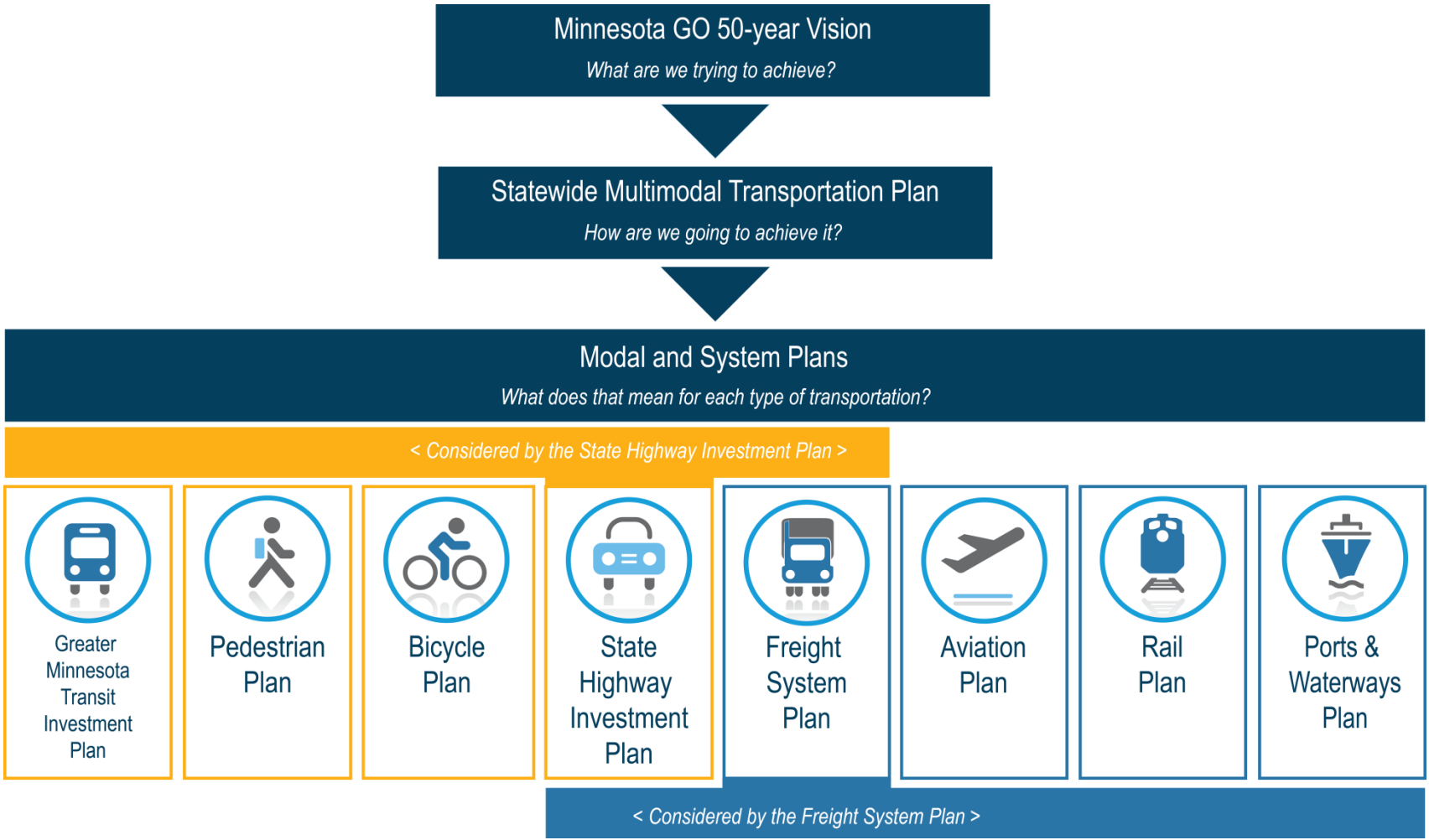


20-Year Minnesota State Highway Investment Plan

Transportation Advisory Board
May 17, 2017

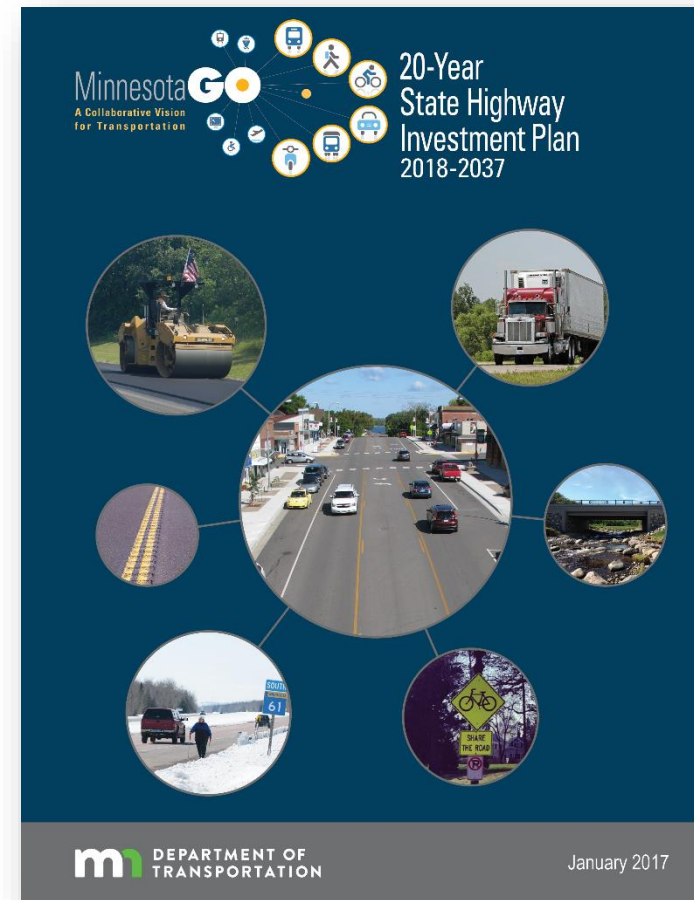
Brad Utecht
Investment Planning Director

MnDOT Family of Plans



Minnesota's State Highway Investment Plan

- Fiscally constrained, 20-year plan
- Directs capital investments for the state highway network
- Part of MnDOT's Family of Plans
- Updated every four years
- Not project specific



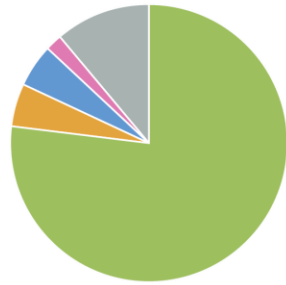
Investment Categories

System Stewardship	Transportation Safety	Critical Connections	Healthy Communities	Other
<ul style="list-style-type: none">• Pavement Condition• Bridge Condition• Roadside Infrastructure Condition• Facilities• Jurisdictional Transfer	<ul style="list-style-type: none">• Traveler Safety	<ul style="list-style-type: none">• Twin Cities Mobility• Greater MN Mobility• Freight• Bicycle Infrastructure• Accessible Pedestrian Infrastructure	<ul style="list-style-type: none">• Regional + Community Improvement Priorities	<ul style="list-style-type: none">• Project Delivery• Small Programs

- Includes strategies to improve travel time reliability in the Twin Cities region
- Follows investment strategies established in 2040 Transportation Policy Plan
 - Active traffic management
 - Spot mobility improvements
 - MnPASS express lanes
 - Major capacity investments

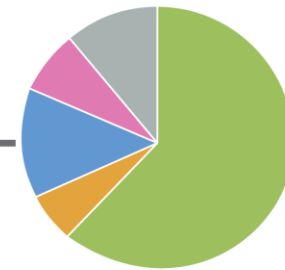
Which investment scenario do you prefer?

Approach A



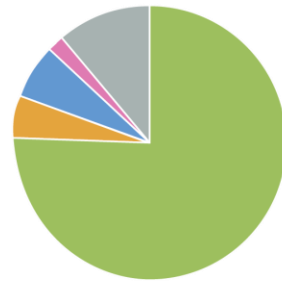
Focus investments on repairing and maintaining existing state highway pavements, bridges and roadside infrastructure

Approach C



Focus investments on improving travel time reliability, non-motorized investments, and regional and locally-driven priorities

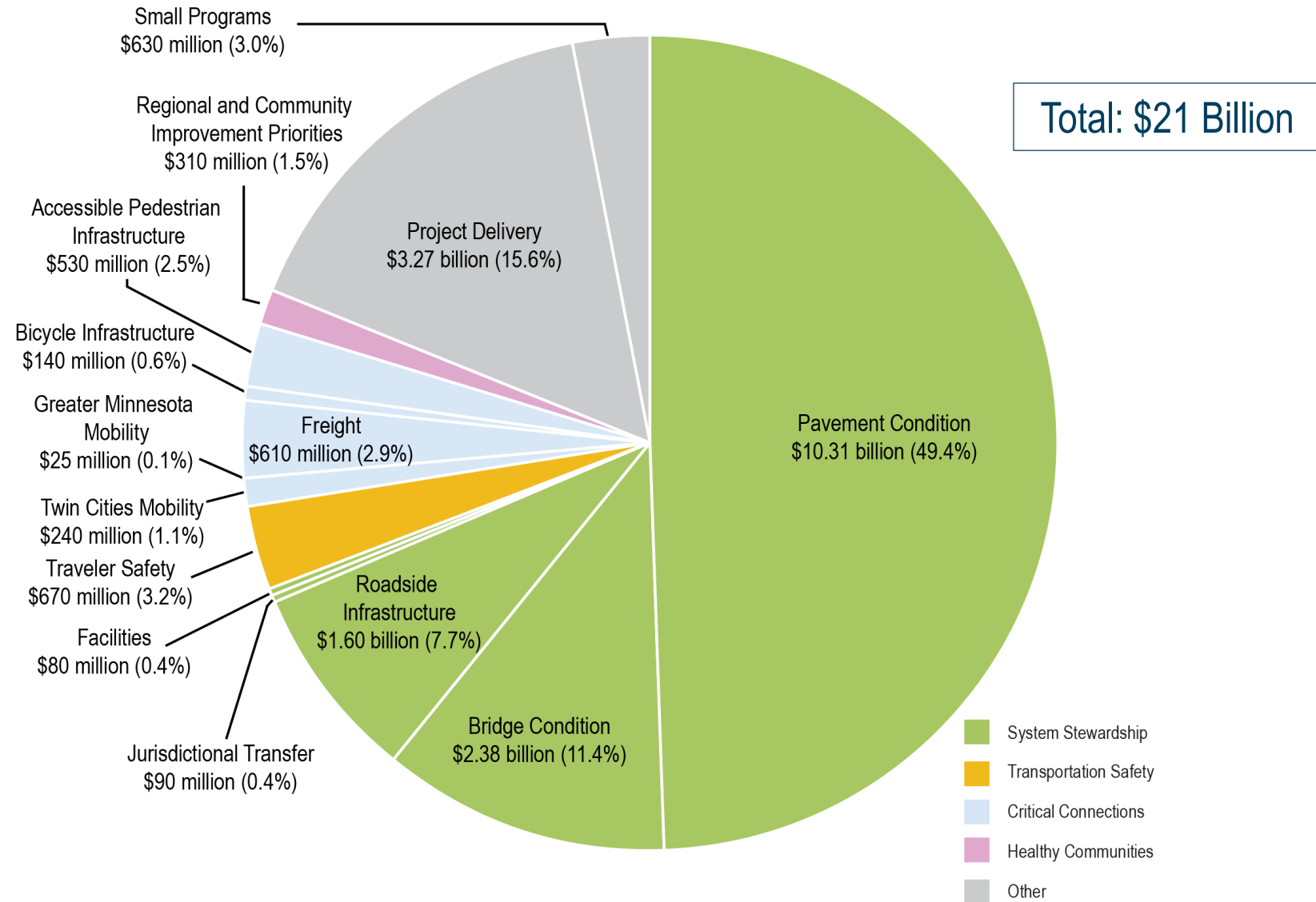
Approach B



Balance investments in repairing and maintaining existing state highways infrastructure with strategic investments in improving travel time reliability

- System Stewardship
- Transportation Safety
- Critical Connections
- Healthy Communities
- Other

20-Year Investment Direction



What to expect from future projects:

- Continued focus on the National Highway System
- Majority preservation projects, little expansion
- Twin Cities Mobility projects limited to spot mobility fixes and MnPASS build-out (only through 2023)
- Increased focus on ADA compliance
 - Substantially compliant by 2037
- Focus on lower-cost/high-benefit new safety improvements
- Limited bicycle investments
- Continued use of new technology and innovation

Pavement and Bridge Outcomes

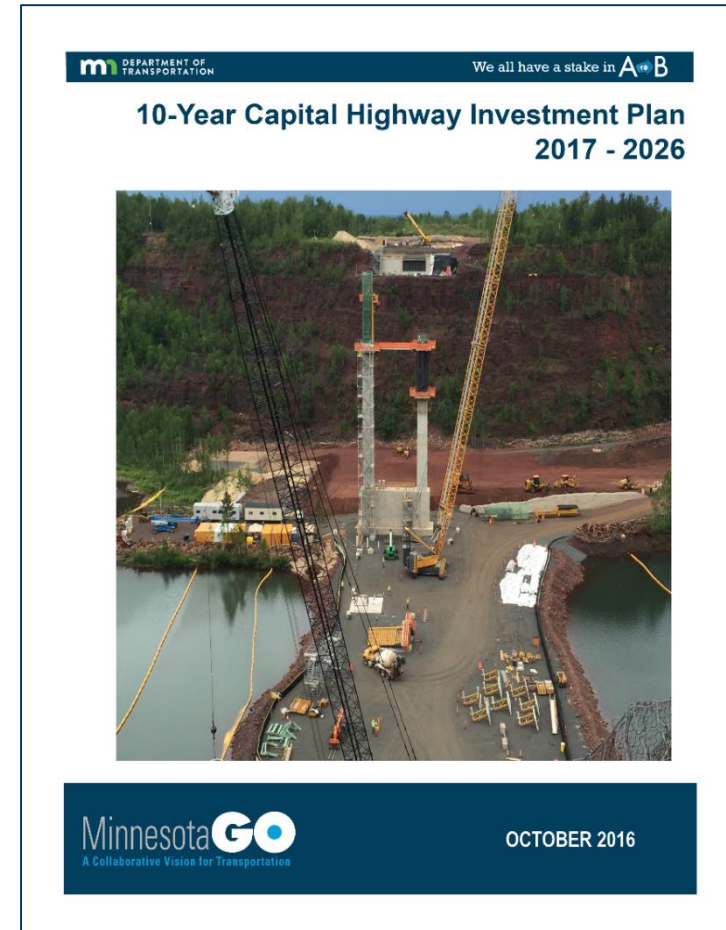
	System	Targets	2015	2037
Pavement Condition	Interstate	2% poor	2.1% poor	4% poor
	Remaining NHS	4% poor	2.7% poor	8% poor
	Non-NHS	10% poor	5.1% poor	18% poor
Bridge Condition	NHS	2% poor	3.0% poor	6% poor
	Non-NHS	8% poor	3.1% poor	7-8% poor

Priorities for Additional Revenue

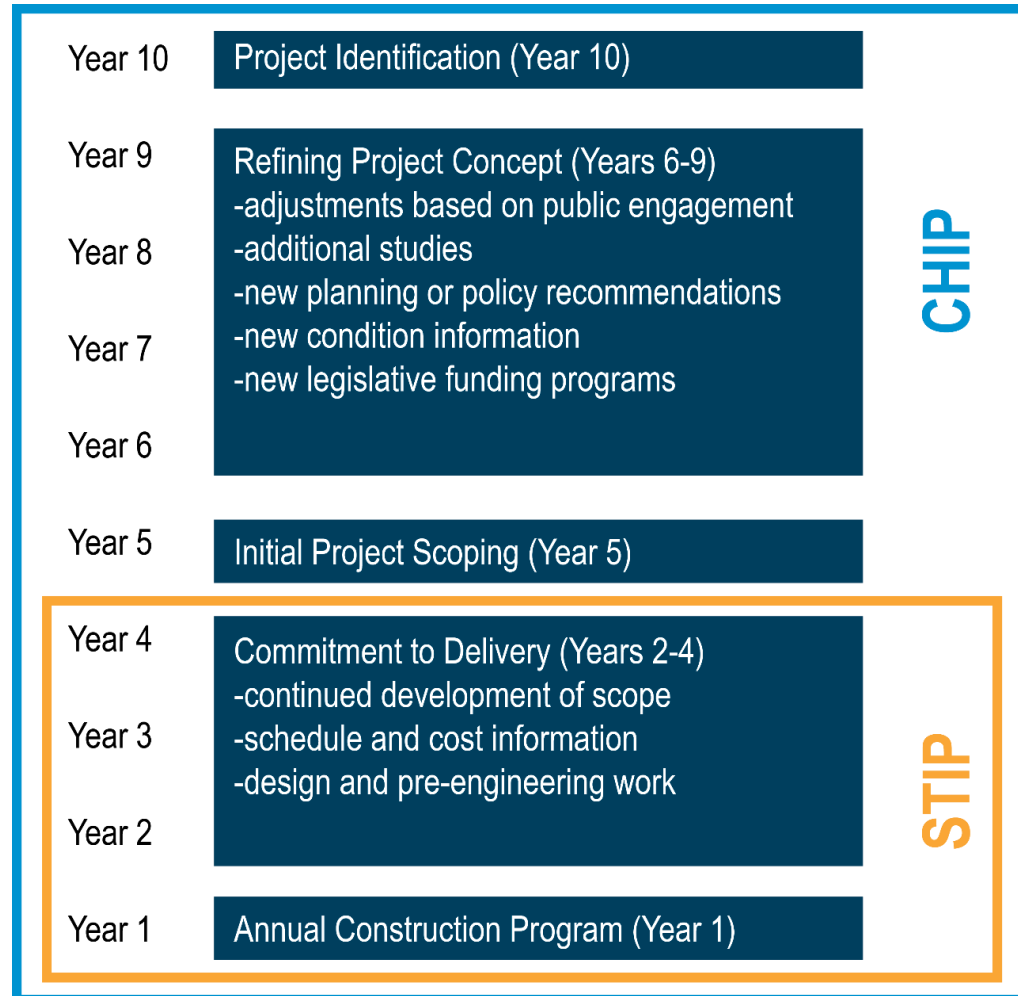
- Maintain and repair assets on the state highway system
 - Limit number of bridges, roadside infrastructure elements and miles of pavement in poor condition
- Strategically improve mobility and reliability
 - Twin Cities Mobility strategies; Focus on low-cost/high benefit improvements in Greater MN
- Reconstruct Main Streets

10-year Capital Highway Investment Plan

- Details MnDOT capital investments over the next 10 years on the state highway network
 - Project-specific
 - Fiscally constrained
 - Updated every year
 - Sets MnDOT Districts' capital budgets



Project Development Timeline



Project Let and Constructed

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MnSHIP Website:

www.MinnesotaGO.org

CHIP Website:

<http://www.dot.state.mn.us/planning/10yearplan/>