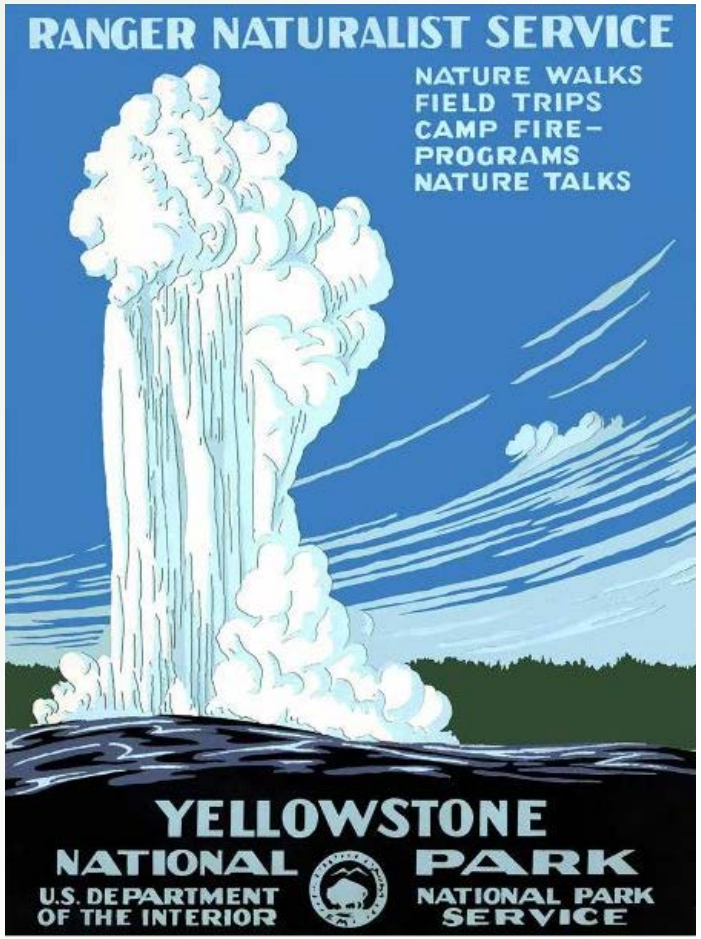
National Park Service

Federal Lands Transportation Program (FLTP) Overview

National Park Service Organic Act

"...to promote and regulate the use of the...national parks...which purpose is to conserve the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations."



National Park Service Mission

The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations. The Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

NPS Transportation Mission

To preserve and protect resources, while providing safe and enjoyable access to and within the national parks, using sustainable, appropriate, and integrated transportation solutions.

Background - Federal Lands Transportation Program

- Established under Title 23, section 201;
- Funded from the Highway Trust Fund through the annual US Department of Transportation Appropriation;
- Federal Highway Administration provides engineering expertise, is responsible for program oversight, and is the formal voice to congress;
- Roles and Responsibilities are outlined in the 1983 Interagency Agreement; and
- NPS Transportation Mission, Goals and Performance Measures

NPS System Characteristics

- 5,500 miles of paved roads
- 4,100 miles of unpaved roads
- 1,442 bridges/63 tunnels
- 17,872 miles of trails
- 147 Alternative Transportation Systems in 72 parks

SAFETEA-LU Accomplishments:
Park Roads & Parkways Program, 2006-2012

Accomplished 104 transit projects and 10 water infrastructure projects

97% obligation rate (75% construction, 25% planning, design, compliance, administration)

Rehabilitated and reconstructed 2,553 miles of road and 232 bridges

Investments In Transportation Pay Dividends

- Park visitors spent $14.7 billion in local gateway regions in 2012 supporting 243 thousand jobs
- The NPS transportation program spent $3.3 billion and created 45,000 jobs
- Providing public access to our nation's great lands and resources is a Federal Responsibility

Federal Lands Transportation Program Categories

- Category I
  - Paved Roads, Paved Parking Areas, Bridges, and Tunnels
    - Road Rehabilitation “3R”
    - Reconstruction/Realignment “4R”
- Category II
  - Unfinished Congressionally Mandated Parkway
- Category III
  - Alternative Transportation Systems, Intelligent Transportation Systems, and Front Country Trails

Annual Program Needs 2015-2020

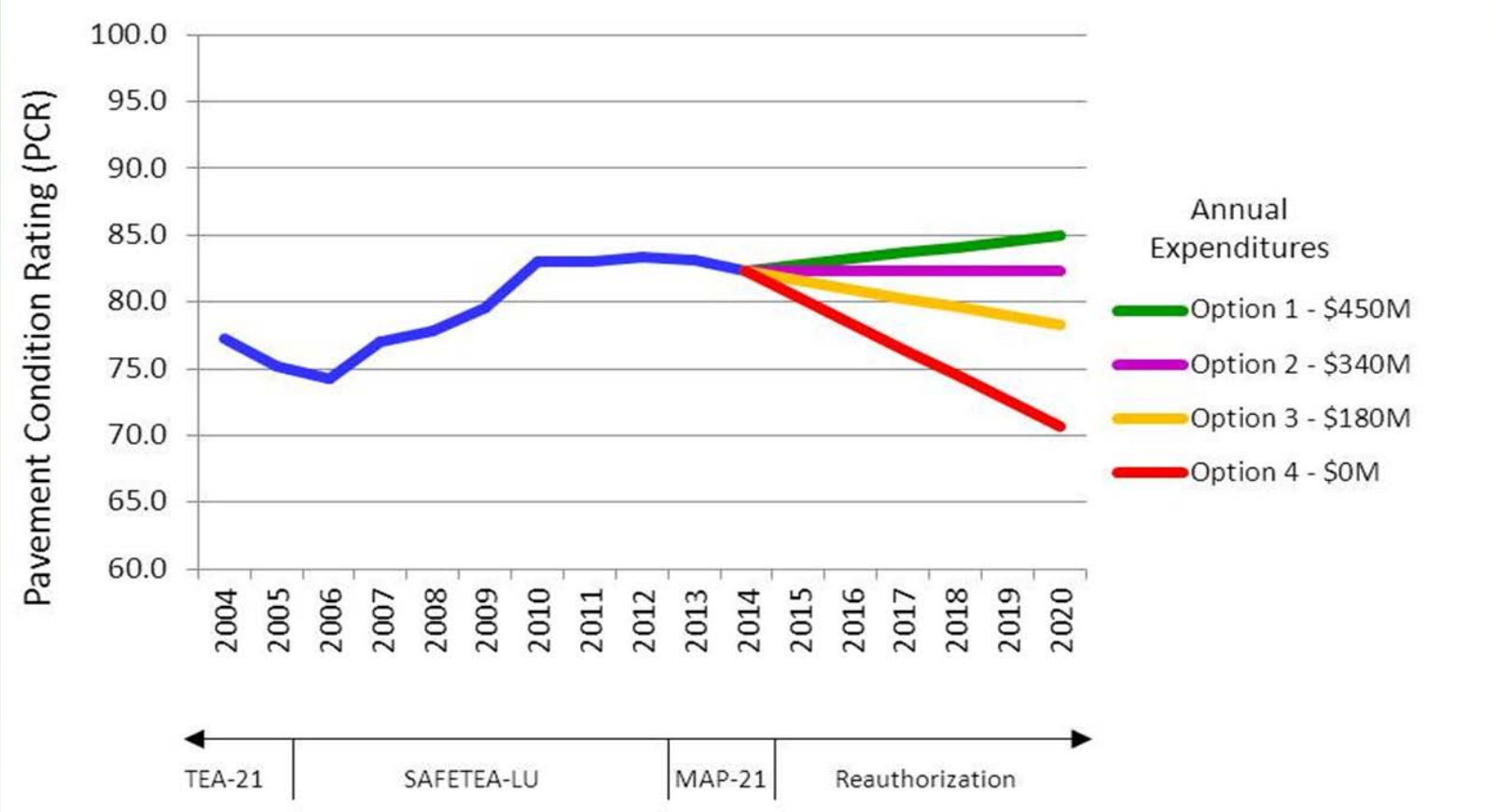
Theme I – Restore, Maintain Core Transportation Infrastructure	**$770 M**
Category I – Paved Roads and Bridges	$690 M
Paved Roads	$450 M
Bridges	$120 M
Paved Parking Areas	$120 M
Category II – Complete Sections E & F of the Foothills Parkway	$10 M
Category III – Alternative Transportation Systems	$70 M
Theme II – Needs Beyond Capacity of Core Program	**$200 M**
Total Annual Program Needs	**$970 M**

Category I – Paved Roads and Bridges – $690M/year

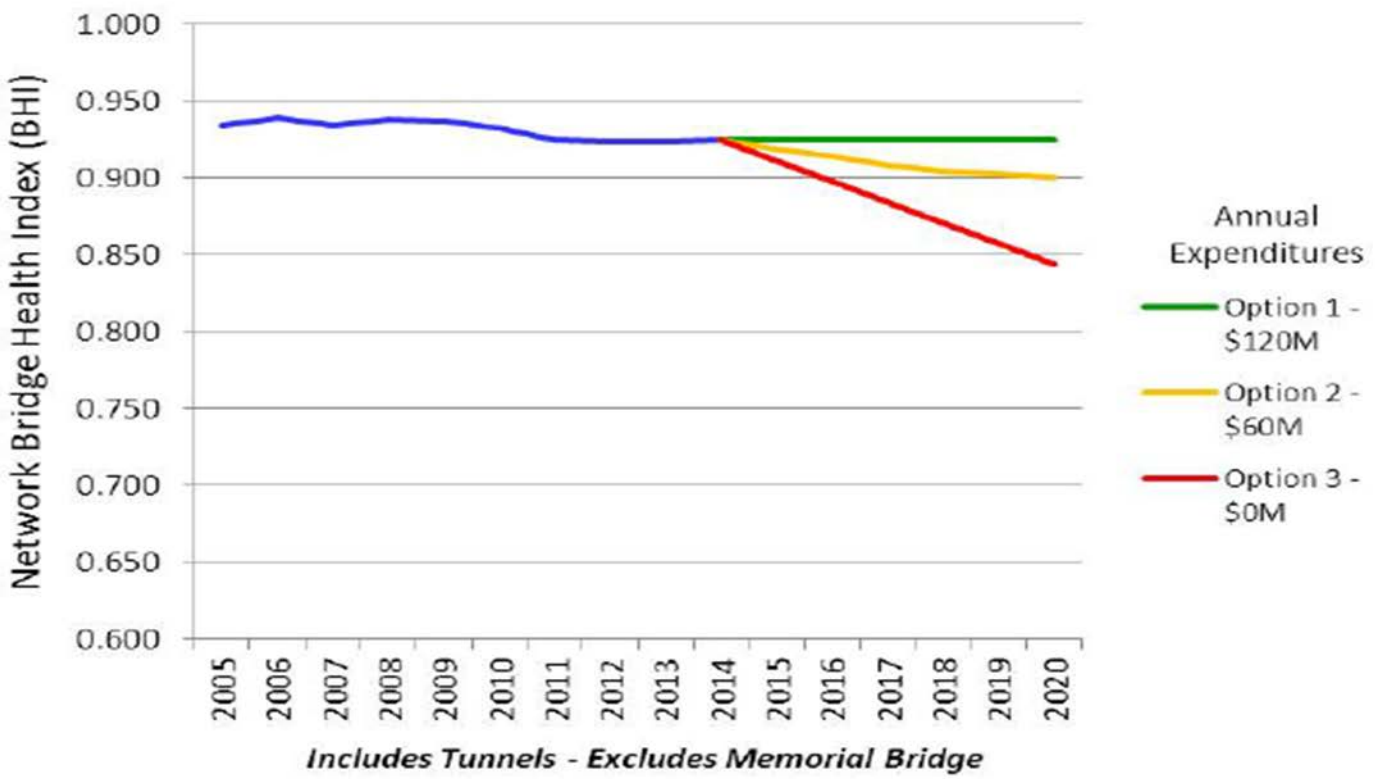
- Category I practices sound asset management for paved roads, paved parking areas, bridges, and tunnels
- Requires $690 million a year to improve these facilities to “Good” condition (Target: paved PCR 85/FCI .08 and Bridges BHI 92%/FCI .08*)
- Maintain these assets with preservation and rehabilitation treatments

*Good FCI ≤ 0.08; Fair FCI > 0.08 and ≤ 0.20; Poor FCI > 0.20. These categories were developed with the Federal Highway Administration.

Paved Road Pavement Condition Rating (PCR) Under Varying Expenditure Scenarios



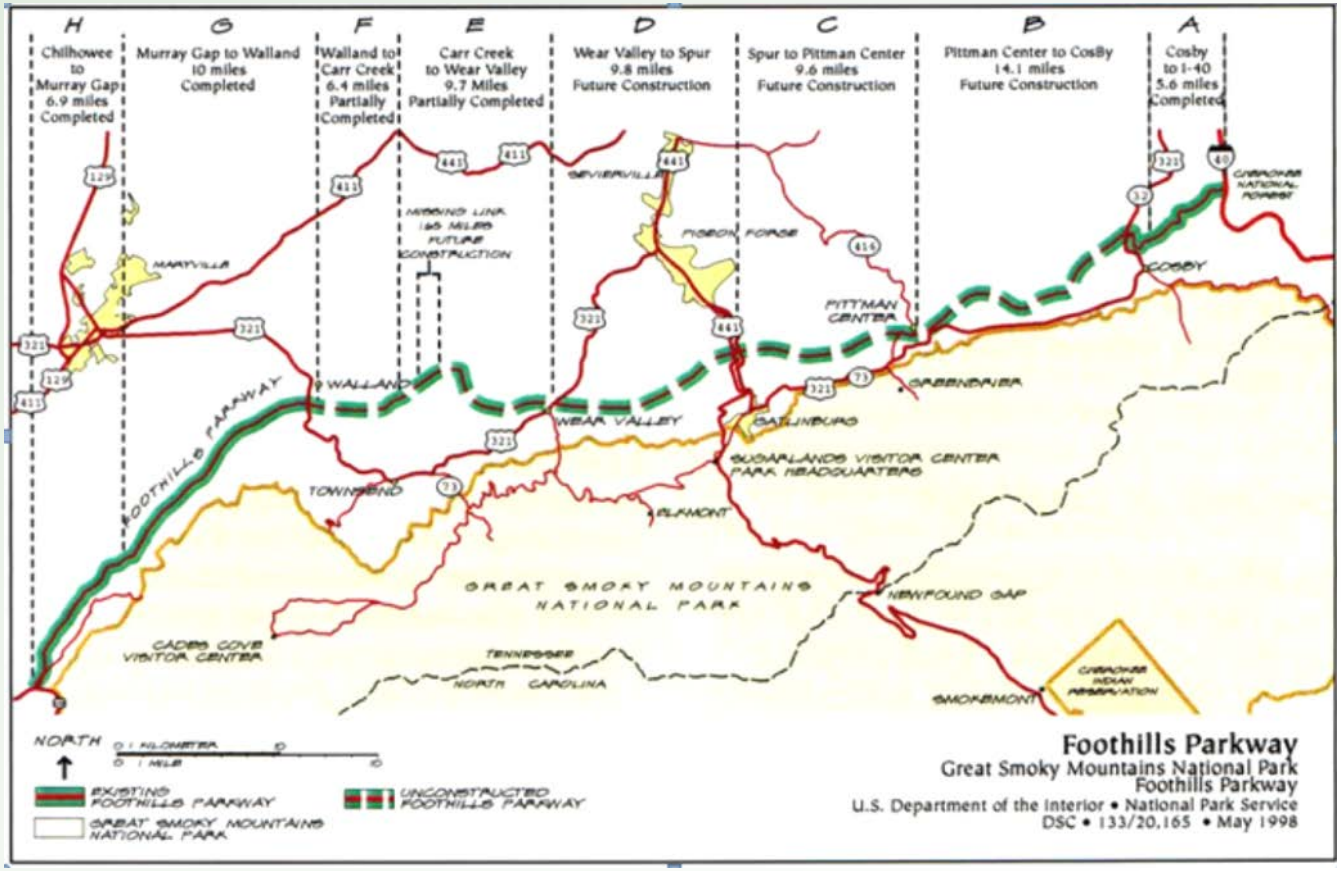
Bridge Health Index Under Varying Expenditure Scenarios



Category II – Complete Sections of Foothills Parkway $10 million/year

- Addresses the needs of unfinished Congressionally mandated parkways
- Requires $10 million a year to complete the Sections E and F of the Foothills Parkway
- Completion of these sections will open an additional 16 miles of the parkway for a total of 38.5 miles

Category II – Complete Sections of Foothills Parkway

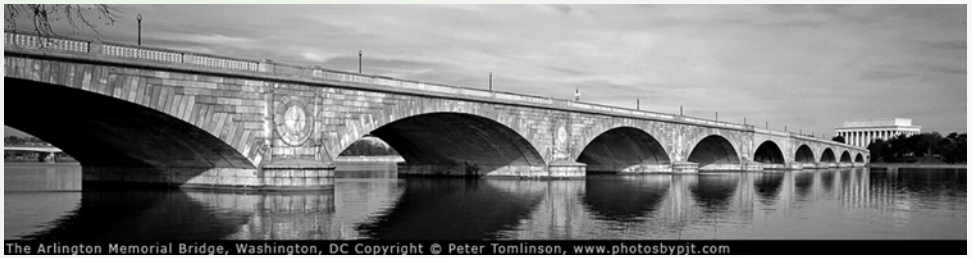


Category III – Alternative Transportation Systems $70 million/year

- Maintains, improves, and enhances Alternative Transportation Systems, Intelligent Transportation Systems, and Trails
- Increase visitor capacity without new paved road construction
- Requires $70 million/year to maintain existing systems and make limited functional improvements

Theme 2 – Needs Beyond Capacity of Core Program $200 million/year

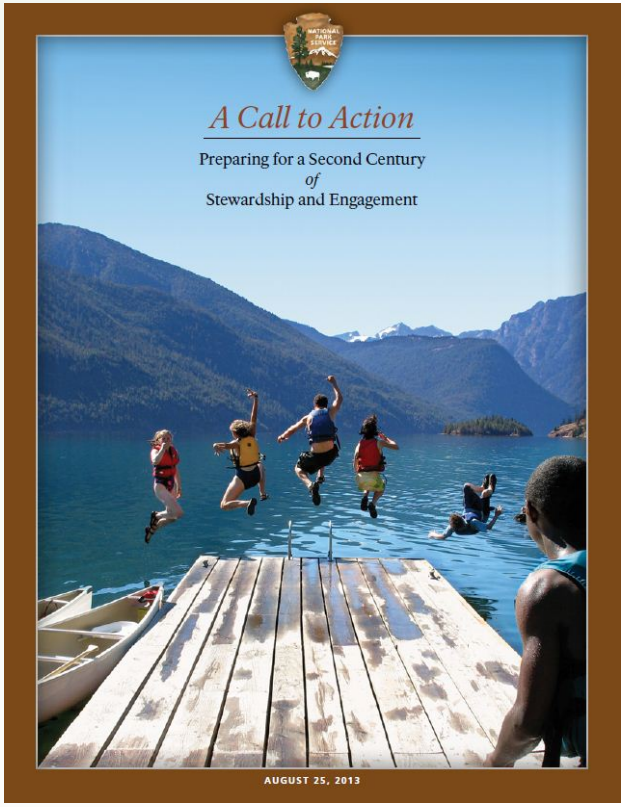
- Rehabilitate large and/or unique transportation assets
- Address functional obsolete NPS facilities
- Continue to build unfinished parkways (beyond core program capacity)
- Projects of significant interest



The Arlington Memorial Bridge
May Cost Up To $250 million

NPS 1916-2016 NPS Centennial Initiative

- A Call To Action (C2A): Preparing for a Second Century of Stewardship and Engagement
- The Transportation Program is supporting the Centennial through projects under the following strategies:
  - **#4 In my Back Yard**: Promote connections to between parks and urban areas
  - **#5 Parks for People**: Enhance connection of diverse communities to parks
  - **#18 Ticket to Ride**: Expand opportunities through transportation support to 100,000 students each year
  - **#20 Scholarly Pursuits**: Sponsor scholarships through partner funding, continuing the National Park Foundation Transportation Scholars program
  - **#24 Invest Wisely**: Focus on asset management and reduce deferred maintenance backlog



NPS Transportation Links and Resources

- NPS Transportation Website
  http://www.nps.gov/transportation/index.html
- Transportation Reauthorization Resource Paper
  http://www.nps.gov/transportation/pdfs/NPS_Reauthorization_Resource_Paper.pdf
- Transportation Needs Beyond the Capacity of the Core Program
  http://www.nps.gov/transportation/transportation_needs_beyond_core_program.html
- SAFETEA-LU Accomplishments 2006-2012
  http://www.nps.gov/transportation/pdfs/NPS_Transportation_Accomplishments_2006to2012.pdf

Cuyahoga Valley National Park, Cuyahoga Valley Scenic Railroad

National Park Service

Park Facility Management Division

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