

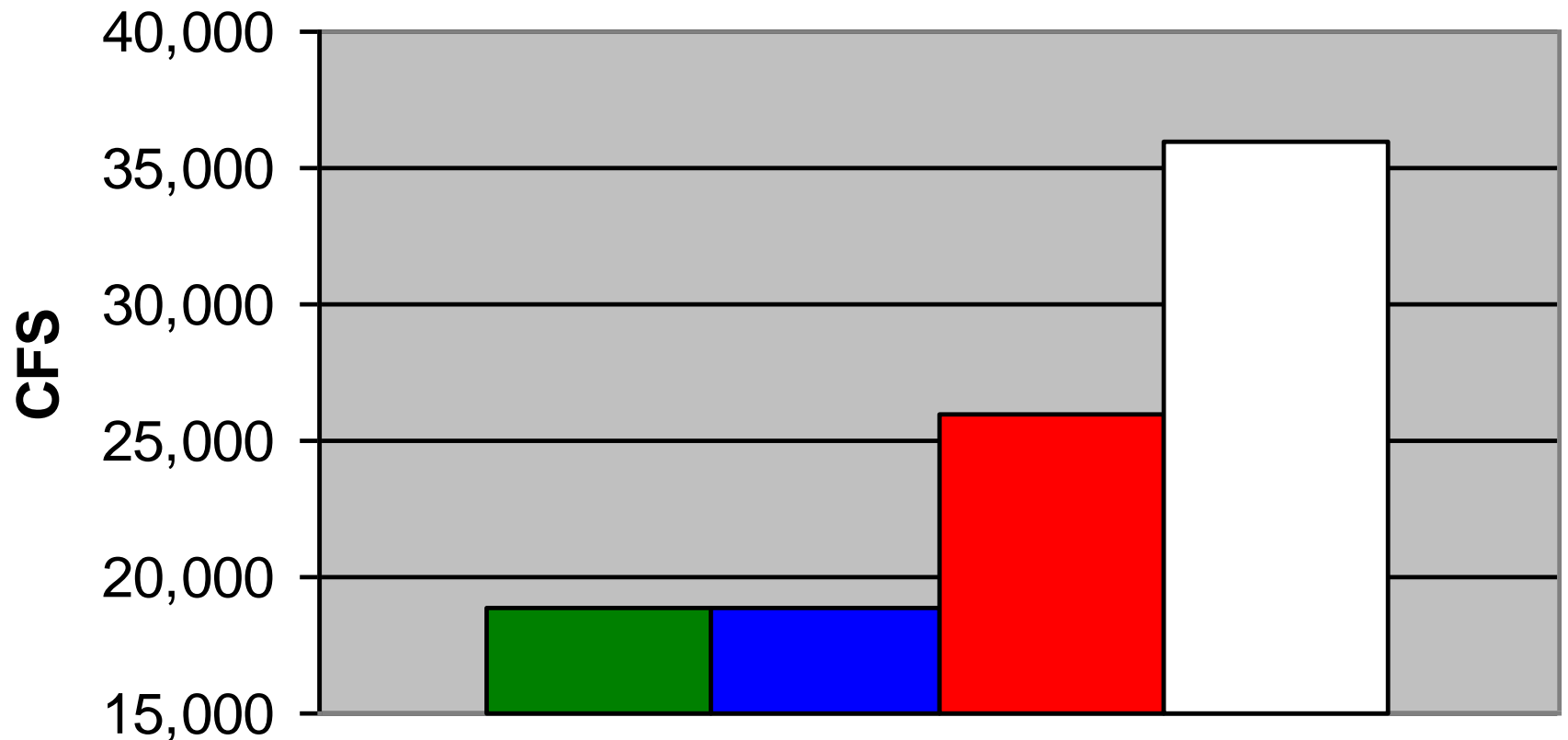
Public Meeting Presentation

Upper Stehekin Valley Road Environmental Assessment

October 2003 Flood Facts

- Maximum Discharge = 25,900 CFS
(10/20/05)
- Duration = 3 days with flows greater than
10,000 CFS from October 17-23, 2003
- Recurrence Interval = 100-500 years

Stehekin River Record Flood History



■ May-48

■ Nov-95

■ Oct-03

□ Max "Paleoflood"

Flood Damage Overview

Car Wash Falls to Cottonwood Camp

Carwash Falls



Carwash Falls



Carwash Falls



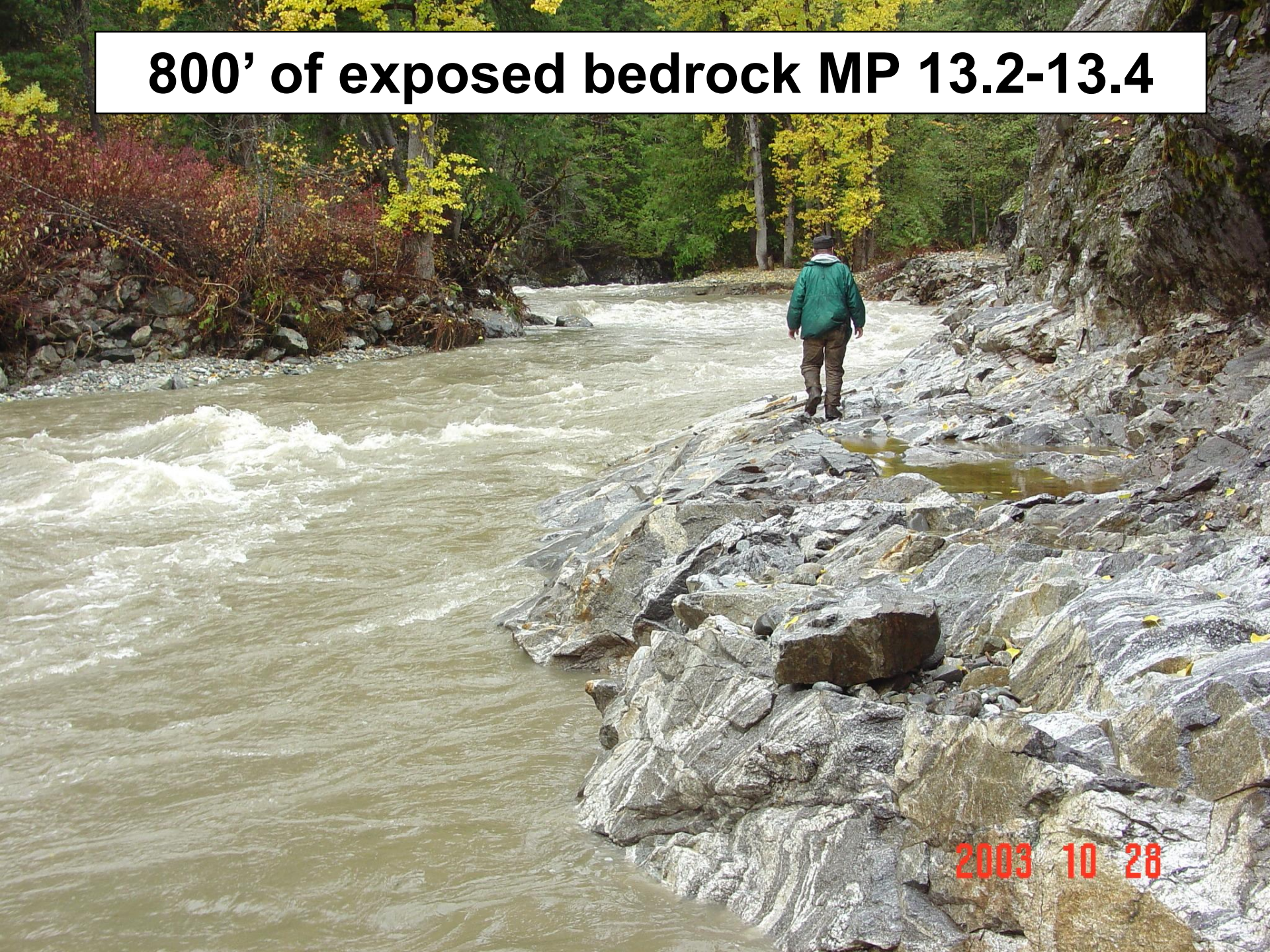
2003 10 28

Bedrock pins at Carwash Falls



2003 10 28

800' of exposed bedrock MP 13.2-13.4



2003 10 28

Dolly Varden Camp MP 13.4



2003 10 28

Former Roadbed MP 13.8



Little Carwash Falls



2003 10 28

Active Landslide MP 15

A photograph showing a significant landslide on a gravelly path. The path is covered in fallen trees and exposed soil, indicating recent erosion. The surrounding area is forested with trees showing autumn foliage. A river is visible on the left side of the image.

October 2003

Active Landslide MP 15



Spring 2005

Active Landslide MP 15

**Current edge
of roadway**



**Current edge
of roadway**



Spring 2005

Debris Torrent at Glory MP 20.1



Glory to Cottonwood Camp



2003 10 28

Upper Stehekin Valley Road EA

Purpose: To determine the nature and extent of future public and administrative access in the aftermath of the October 2003 flood

Alternative A

- No action: do not repair or remove the flood damaged road beyond the Car Wash Falls parking area.
- Road would remain impassable to motor vehicles beyond the Car Wash Falls parking area/turnaround (MP 12.9).
- Hikers & stock users would continue to access the Upper Stehekin Valley by following portions of the Pacific Crest Trail and damaged sections of the former road.

Alternative B

- Close the road downstream from Car Wash Falls (MP 12.9).
- Convert sections of the former road to non-mechanized (hiker/stock) trail from Carwash Falls to Cottonwood Camp (MP 22.8)
- Would not require a legislative change to wilderness boundary.
- NPS' preferred alternative and environmentally preferred alternative.

Alternative C

- Rebuild the road from Car Wash Falls (MP 12.9) to Glory (MP 20.3).
- Convert final section of road (closed since '95 flood) between Glory and Cottonwood Camp (MP 22.8) to trail
- Cottonwood Camp and points beyond would remain accessible by trail to hikers and stock.

Alternative D

- Reduce the risk of future flood damage: reroute road from Car Wash Falls to Cottonwood Camp.
- Reroute road along PCT (former wagon road) from Car Wash Falls to Bridge Creek (MP 15.9). Reconnect undamaged road sections with various reroutes around damaged areas between Bridge Creek and Cottonwood Camp.
- Road reroute would require a legislative adjustment to the Stephen Mather Wilderness boundary.

Key Issues

- Potential for adverse impacts to aquatic habitats (floodplain and trout fishery) or terrestrial habitats (spotted owl habitat).
- Substantial logistical challenges for rebuilding road (Alt. C), including engineering road through floodplain and active landslide.
- Road relocation (Alt. D) would require legislative adjustment to Stephen Mather Wilderness boundary
- Road closure (Alt. B) would have beneficial and adverse affects on NPS visitors and the Stehekin Community

Next Steps

1. Public Comment period closes on May 27, 2006. Compile and evaluate all substantive comments (potential to modify preferred alternative)
2. Issue either Finding of No Significant Impact (if no significant impacts identified) or proceed with Environmental Impact Statement (if significant impacts identified)
3. Implement selected alternative.