Forest Service
U.S. DEPARTMENT OF AGRICULTURE

STRUCTURE NUMBER- 021306000001024

TEAM LEADER- Benjamin Glenn

INSPECTION DATE- 04/08/2026

STRUCTURE CONDITION- F - Fair

CRITICAL FINDING INSPECTION REPORT

Structure Name	W FORK OF SAN JUAN RIVER	**State**	8 - Colorado
Route Number	648	**County**	08079
Structure Mile Point	2.50	**Latitude**	37.44988333333333
Admin Org	021306	**Longitude**	-106.91113611111112

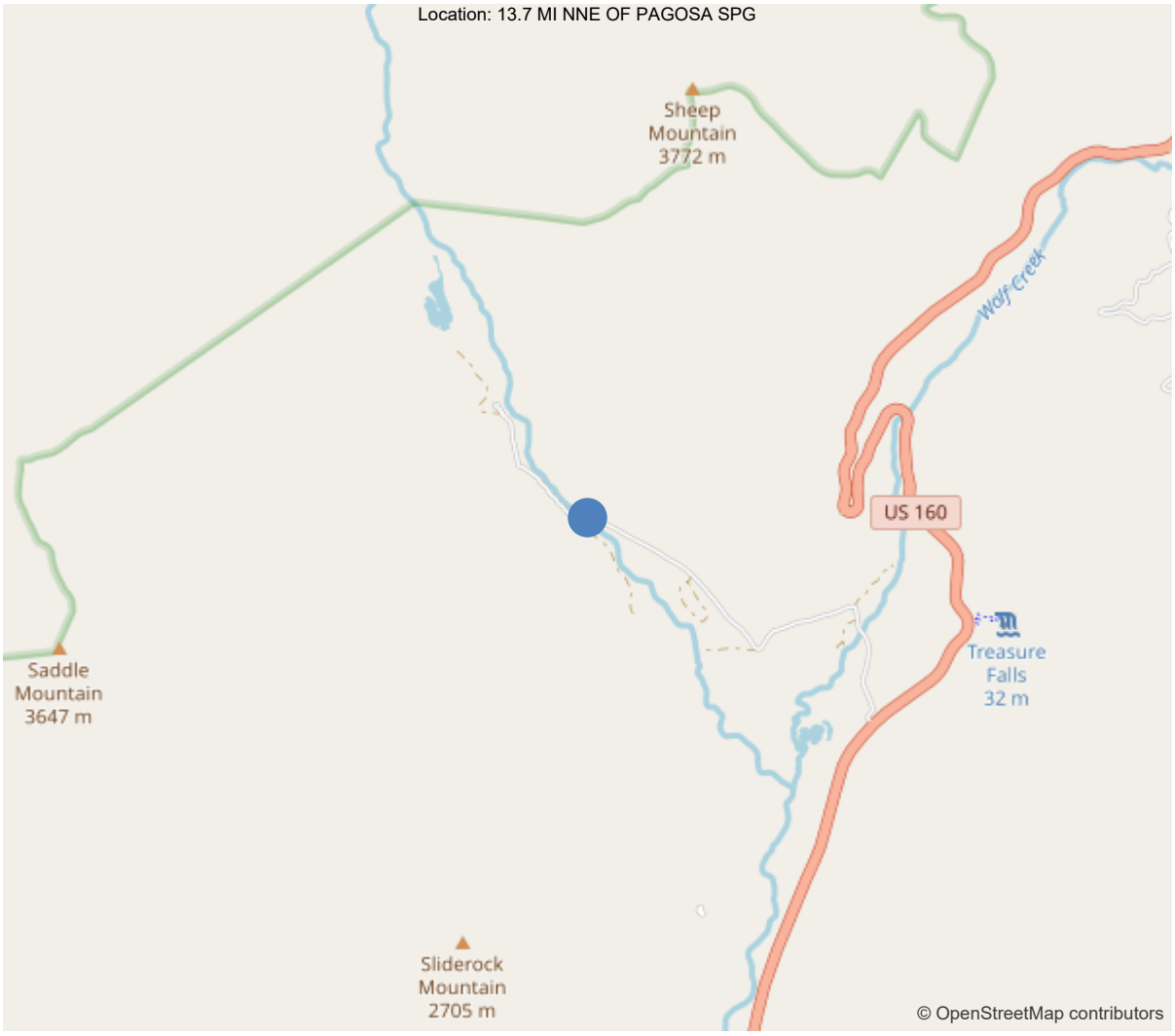
Inspection Team Lead

Benjamin Glenn, 04/13/2026

Inspection Reviewer

Jason Hefter, 04/13/2026

MAP PAGE



37.44988, -106.91114

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CRITICAL FINDINGS

Critical Finding ID:

CF Inspection Date: 10/22/2025

Forest Specific Event Name: 2025 CO Oct10-13 FS Four Corners Monsoon Storms

CF Inspection Interval: 3

CF Status: RO-Active

CF Found Date: 10/22/2025

Condition Summary: B.C.01 - 6 B.C.02 - 7 B.C.03 - 6 B.C.04 - N B.C.09 - 2 B.C.11 - 1

Event Description/Cause (B4):

Rain

CF Criterion (B5): A - Immediate correction of scour or hydraulic problems needed

If Other (B5A):

Event Type/Cause (B12): B - Flood

If Other (B12A):

Deterioration (B13): Other - Please explain

If Other (B13A): Abutment undermining

Detailed Deficiency (B14): Other - Please explain

If Other (B14A): Abutment undermining

CF Results (B15): D - Settlement or loss of support

If Other (B15A):

Initial Actions (B17):
10/22/2025

Close bridge, place temporary riprap to divert flow to center of channel

Resolved Actions (B19):

Future Actions (B20):

Underpin or replace abutment, add scour countermeasures and stream training measures

CF Remarks:

--Bridge closure in place as of 10/23/2025 (10/22/2025).-- Rip rap has been installed under and around the entire right abutment, including wing walls. Scour hole persists and at one measurement location has grown significantly (50%). Closure should remain in effect until undermining can be permanently fixed. (4/6/2026)

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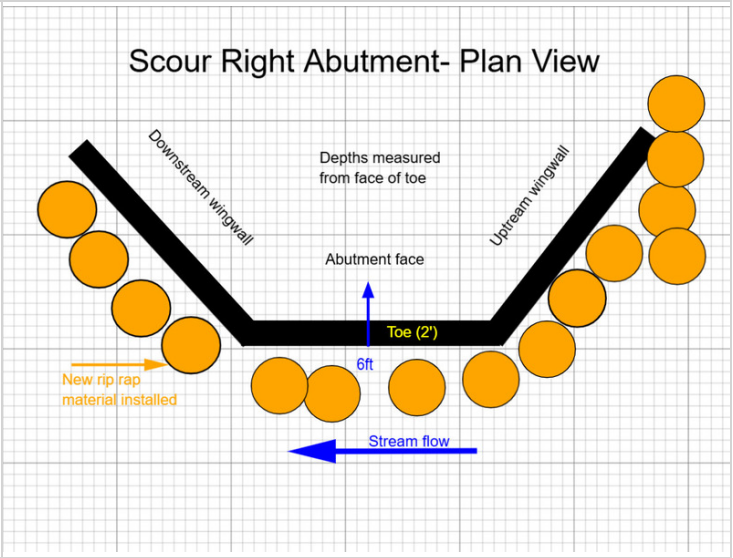
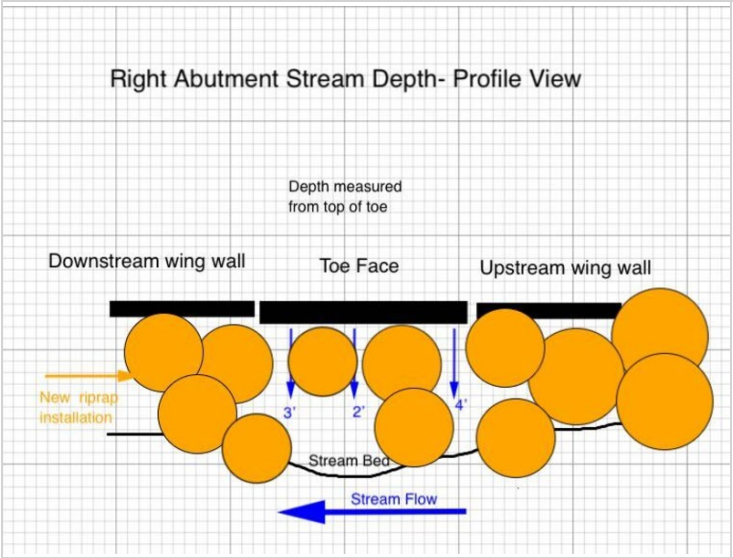
PHOTOS



nbibridges_31395_Top down view right abutment



nbibridges-Side profile right abutment

Left abutment- Post 9

Cross section-Post 8

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Cross section-Post 7

Cross section-Post 6

Cross section-Post 5

Cross section-Post 4

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Cross section-Post 3

Cross section-Post 2

Cross section-Right abutment-Post 1

Right abutment

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Right abutment measurement on top of toe

3 ft top of toe at 1 foot downstream of center right abutmnet

2 ft from top of toe at center of right abutmnet

4 ft from top of toe at upstream wing wall corner

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Upstream right abutment wing wall scour hole

Upstream right abutment toe corner

Right abutment looking upstream

Downstream right wing wall, rip rap installation

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Channel looking upstream

Photo looking upstream at right abutment

Measurement reference with 12ft rod

Center scour hole. 4 ft behind abutment wall. 6 foot from foot toe face

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Upstream right wing wall measurement from top of footer. Three 4' lengths

Channel looking downstream

Right abutment Looking downstream measurement from top of footer

Upstream right guard rail damage

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Downstream deck abutment joint gap

Upstream deck abutment joint gap

Guard rail tree strike right abutment

Downstream deck abutment joint gap

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Upstream deck, abutment joint gap

Channel downstream photo

Channel upstream photo