

Bridge 227.1 Rehabilitation

Project Description

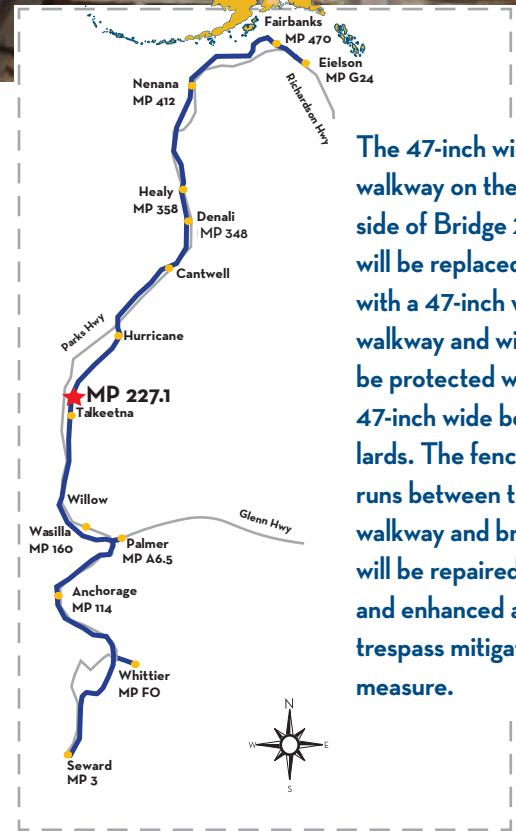
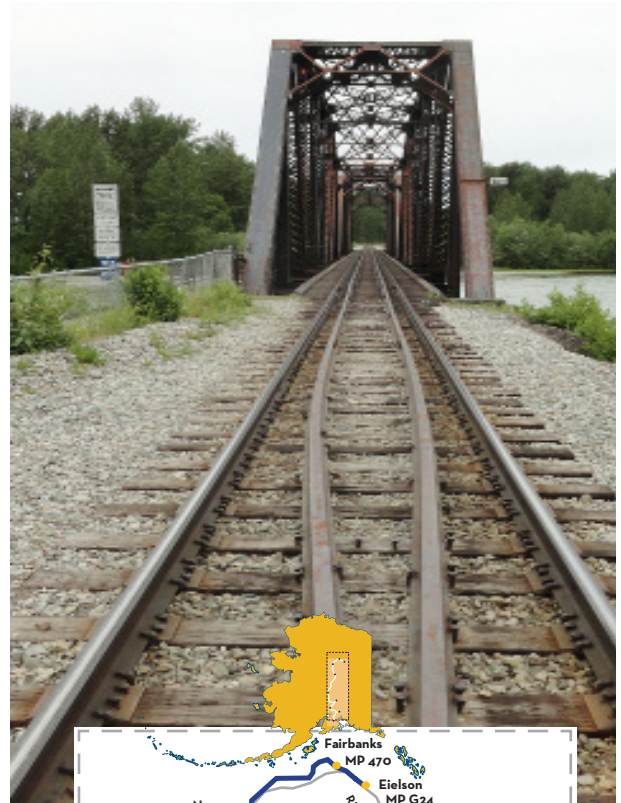
The Alaska Railroad Corporation (ARRC) proposes to rehabilitate the 406-foot open deck steel through-truss bridge crossing the Talkeetna River at ARRC milepost 227.1 near Talkeetna. The project will rehabilitate the two 200-foot steel through-truss spans with targeted repairs, replace an aging 400-foot walkway, and repair walkway fence.

Purpose and Need

The project will replace the walkway and extend the life of the bridge, which is reaching the end of its useful life. Improvements to the fence between the bridge and walkway will mitigate trespass on the bridge. This effort will help ensure railroad infrastructure remains in a state of good repair. The integrity of bridge infrastructure ensures the safety and reliability of rail operations to meet business demands. General bridge rehabilitation benefits are outlined in the current Bridge Program fact sheet.

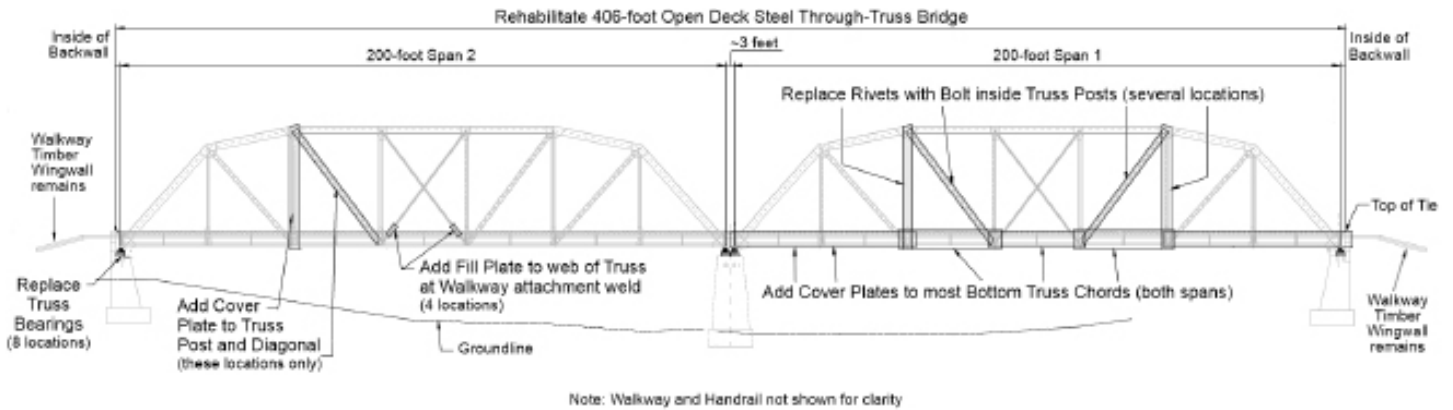
Status

- Preliminary studies, environmental reviews, design and permitting began spring of 2022 and finished first quarter of 2023.
- Final engineering and design were completed in the fourth quarter 2023.
- A construction contract went out to bid fourth quarter of 2023 and will close the first quarter of 2024. A contractor will be selected during the first quarter of 2024.
- Construction will begin in the third quarter of 2024, continuing into the first quarter of 2025.
- Project will be complete during the third quarter of 2025.



The 47-inch wide walkway on the south side of Bridge 227.1 will be replaced with a 47-inch wide walkway and will be protected with 47-inch wide bollards. The fence that runs between the walkway and bridge will be repaired and enhanced as a trespass mitigation measure.

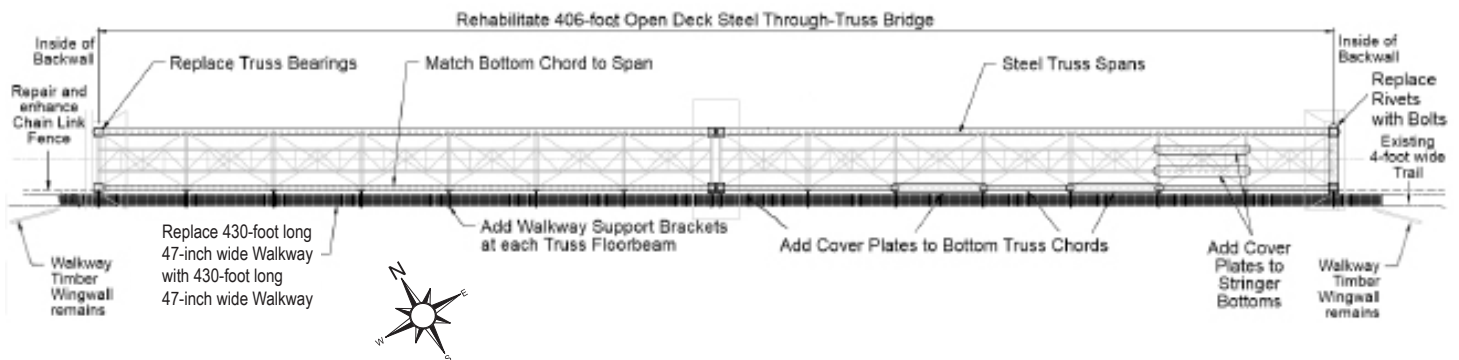
Project Area - Bridge MP 227.1, Side View



← to Anchorage

Project Area - Bridge MP 227.1, Top View

to Fairbanks →



The 406-foot bridge features two steel through-truss spans that will be rehabilitated.

Cost and Funding

The project budget is approximately \$9 million. Preliminary engineering and final design of \$650,000 was funded by 2020 Coronavirus Aid, Relief and Economic Security (CARES) Act funds.

Construction for approximately \$8.15 million will be funded 80% with FTA formula funds and a 20% match from ARRC.

More Information

For more project information, email Info@arrcbridge227.com or PublicComment@akrr.com. The ARRC Bridge Program fact sheet is available at AlaskaRailroad.com > Corporate > Projects (look under **Systemwide Projects**).