



Pierre-Fort Pierre Bridge Newsletter

April 11, 2024 | Issue 84



Lt. Cmdr. John C. Waldron Memorial Bridge Pierre & Fort Pierre, S.D.

Bridge Project Update

With winter behind us (and plenty of rain and mud ahead of us), workers are busy with earthwork, forms, steel, and concrete. Everyone on the project is looking forward to improved weather for the remaining four deck pours, but there's plenty to do in the meantime.

Rebar in the form of epoxy-coated steel has been installed over the entire length of the future westbound barrier rail. The simple factory application of this epoxy coating ensures the rebar remains corrosion-resistant throughout the lifespan of the structure, bolstering the integrity of the concrete.

Multiple types of concrete slab and barrier walls are in progress on the Pierre side, along with grading for the upcoming placement of concrete slabs approaching the bridge. These slabs will also be reinforced with steel and mechanically tied together, ensuring a complementary design that prioritizes longevity and safety.

Steel reinforcement continues to progress on the bridge deck, and workers have continued decking as they move towards Ft. Pierre in preparation for upcoming deck pours. Deck and overhang formwork continue as well.

Additionally, the embankment on the Ft. Pierre side continues to be constructed and graded in anticipation of that side's upcoming concrete work.

We remind all motorists, boaters, and pedestrians to stay vigilant throughout the entire construction zone, especially as we approach the warmer seasons!

Keep up to date on photos, videos, and construction progress by visiting <https://www.Pierre-FtPierreBridge.com>.



Epoxy-coated steel rebar in placement for barrier rail, April 08, 2024.

bridgeinfo@projectsolutionsinc.com

605.391.8732

www.Pierre-FtPierreBridge.com



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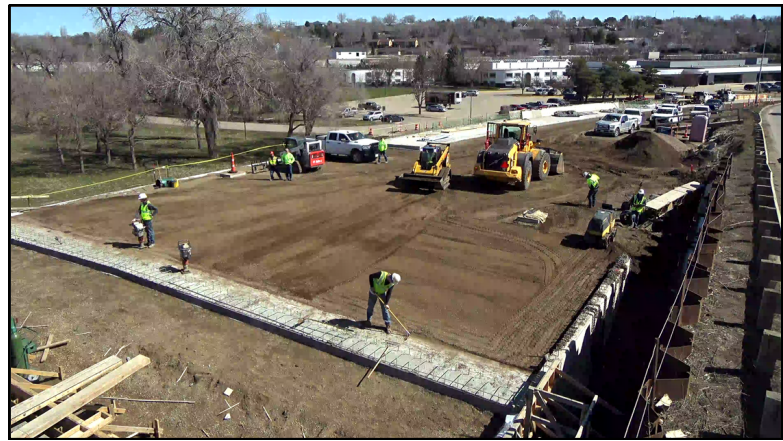


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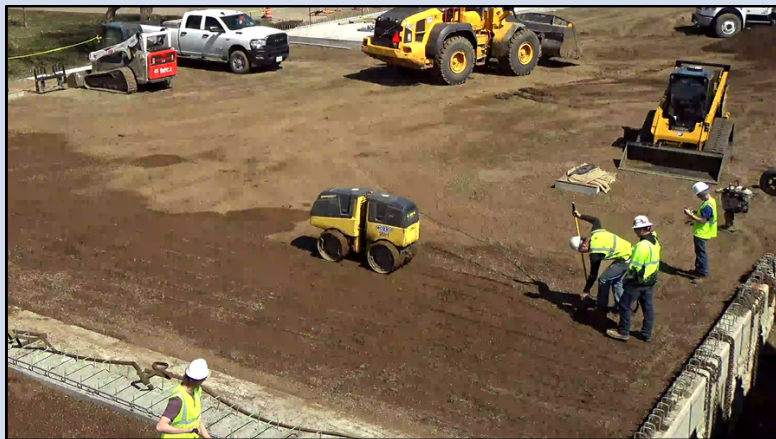




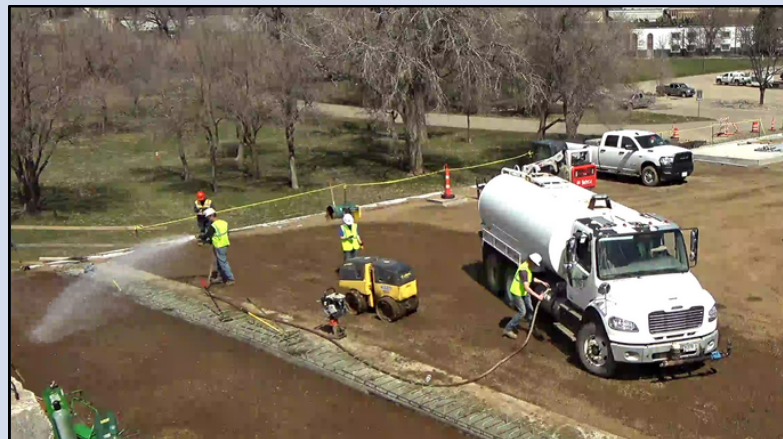
Pierre approach, April 08, 2024.



Workers using rakes and vibrating plate compactors on the Pierre approach, April 09, 2024.



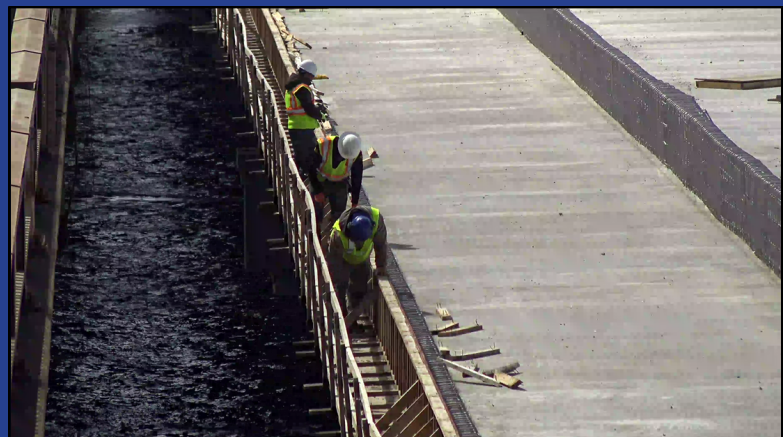
A remote-controlled trench roller, April 09, 2024.



Workers applying water to help compact earth, April 09, 2024.



Ft. Pierre approach, embankment, backwall, and wingwalls, April 08, 2024.



Workers modifying deck scaffolding, April 09, 2024.