



## EXETER PUBLIC WORKS DEPARTMENT

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### String Bridge Rehabilitation Project – Update Archive

**Update 10/28/16:** The utility work on the bridge will continue for the next couple weeks. The east side of the bridge will be paved around mid-November. Repairs to the railings and under the deck will continue to mid-December if the weather allows. After that, the bridge will reopen to vehicles and pedestrians for the winter. The contractor will return in the late spring to complete work on the retaining walls and under the bridge.

**Update 9/30/16:** The waterproof membrane will be installed on Sunday, October 2nd from 7 am to 3 pm. The subcontractor that applies the membrane is very busy this time of year when everyone is trying to finish their projects before the cold weather starts. The utility work and backfilling the bridge will continue for the next couple weeks.

Work on the bridge is expected to continue until mid-November depending on the weather. The bridge will reopen to vehicles and pedestrians for the winter. The contractor will return in the spring to complete work on the retaining walls and under the bridge.

**Update 9/23/16:** Repairs on the deck of the east bridge were completed and work on utilities continued. The waterproof membrane will be installed next week, depending on the subcontractor's schedule. The utility work will continue into the following week. Work on the bridge is expected to continue until mid-November depending on the weather. The bridge will reopen to vehicles and pedestrians for the winter. The contractor will return in the spring to complete work on the retaining walls and under the bridge.

**Update 9/16/16:** The deck of the east bridge was exposed and a few areas that need repair were identified. R. M. Piper will be working tomorrow, Saturday, September 17th from 7 am to approximately 3 pm. This allows them to prepare the bridge for several sub-contractors that are scheduled to work on the bridge next week. The waterproof membrane will be installed next week, along with several utilities. The utility work will continue into the following week. Work on the bridge is expected to continue until mid-November depending on the weather. The contractor will return in the spring to complete work on the retaining walls and under the bridge.

**Update 9/9/16:** The west bridge was paved and the work zone was moved to the east bridge. The contractor will continue to remove gravel and the membrane from the east bridge to expose the concrete deck for inspections and repairs over the next couple weeks.

**Update 9/2/16:** The west bridge will be paved on Wednesday next week. On Thursday, they will switch to the east bridge, so the detour will be reversed. Similar to the current construction area, no vehicles or pedestrians will be allowed across the bridge. There will always be access to the island, but now it will be from Water St. Over the next couple weeks,

they will remove the pavement, gravel, and membrane from the east bridge to expose the concrete deck for inspections and repairs.

Saturday, September 3rd (tomorrow), R.M. Piper will be working on the bridge for a few hours starting at 8 AM. No heavy equipment will be used, so it shouldn't scare the aliens away!

**Update 8/19/16:** The waterproof membrane was applied to the bridge deck and side walls this week and work on utilities continued. Next week, the contractor will backfill over the deck with gravel. Utility work by Unitil and Fairpoint is also expected to happen next week. They will be repairing some damaged conduits (Fairpoint) and extending the gas main (Unitil) across the bridges.

**Update 8/12/16:** Forms were built along the concrete side walls and the contractor began pouring concrete on the northwest railing (Water St side). The photo below shows the wooden forms that they are building along the wall. The left side shows the wall after all of the loose concrete was removed. Piper also continued to prepare other areas on the bridge for repairs. Only a few repairs were needed on the deck, which were completed this week. Next week, the contractor will be applying the waterproof membrane to the deck and continue with wall and railing repairs.

**Update 8/5/16:** The concrete side walls (below the railings) were prepared for repairs by removing all of the loose concrete and work on drainage utilities continued. Next week, the contractor will continue to prepare the surface of the railings and deck for repairs.

**Update 7/29/16:** Work continued on the drainage structures this week. The concrete bridge deck was exposed and inspected. It appears to be in decent condition, especially considering it is over 80 years old. The side walls (below the railings) didn't age as well and will need significant repairs. Utility work will continue next week and the concrete will be prepared for repairs.

**Update 7/22/16:** The west side bridge (near Water St) was closed to vehicles and pedestrians. The pavement was removed and work on drainage structures started. Piper will continue to excavate material off the bridge to expose the concrete bridge deck next week, which includes removing the waterproof membrane that covers the deck. That will allow us to inspect the deck and begin concrete repairs the following week.

**Update 7/15/16:** The contractor (R.M. Piper, Inc.) began setting up their work areas. The west side bridge (near Water St) will be closed starting on Monday, July 18th to vehicles and pedestrians. It will remain closed for 2-3 months while the bridge is repaired. Once that side is finished, they will move to the east side (library) for another 2-3 months. There will be no vehicle or pedestrian traffic allowed to cross the bridge during construction. There will always be access to Kimball Island from one side.

**Update 7/8/16:** The contractor (R.M. Piper, Inc.) will begin setting up their work areas next week. The west side bridge (near Water St) will be closed during the week of July 18th. It will remain closed for 2-3 months while the bridge is repaired. Once that side is finished, they will move to the east side (library) for another 2-3 months. There will be no vehicle or pedestrian

traffic allowed to cross the bridge. There will always be access to Kimball Island from one side.

**Update 7/1/16:** This project is tentatively scheduled to start the week of July 11th. The contractor will be starting on the west side of the bridge (closer to Water St) and will be there about 2-3 months. Once that side is finished, they will move to the east side (library) for 2-3 months. There will be no vehicle or pedestrian traffic allowed to cross the bridge. There will always be access to Kimball Island from one side. Updates will be posted when the bridge closure will occur. See attached map for the location of the work zone and detour.

**6/24/16:** This project is tentatively scheduled to start the week of July 11th. The contractor will be starting on the west side of the bridge (closer to Water St) and will be there about 2-3 months. Once that side is finished, they will move to the east side (library) for 2-3 months. There will be no vehicle or pedestrian traffic allowed to cross the bridge. There will always be access to Kimball Island from one side. Updates will be posted when the bridge closure will occur.