

# Newsletter

June 2021



## Progress to date:

Construction has been underway for approximately four months. During this time, the following work has been completed (see photo below for general locations):

- 1** Approximately 90,000 cubic yards of borrow material has been imported, spread, and compacted along the north side and south sides of the I-90 westbound off-ramp and on-ramps, and the eastbound I-90 off-ramp. In addition, 3,000 cubic yards of topsoil has been placed, and partial seeding has been completed on the north side of interstate. 21,000 cubic yards of muck excavation and undercutting has been completed.
- 2** Concrete paving (8,715 square yards of a combination of 10-inch and 11.5 inch-thick concrete) was completed on the I-90 westbound off-ramp and on-ramp at LaCrosse Street, along with the installation of a portion of storm sewer in this area. Topsoil and permanent seeding of the westbound off-ramp area was completed. One of the concrete placements was performed at night, which not only was cooler for the workers, but also safer for the traveling public.
- 3** The Maple Avenue bridge abutments have been extended, and falsework (temporary support for bridge widening formwork) has been erected. Eight piles have been driven to date.

## Current Work Items



Photo courtesy of Jason Reaves, American Concrete Pavement Association

## PROJECT OVERVIEW

The I-90 (Exit 59) LaCrosse Street Diverging Diamond Interchange (DDI) project will be the first of its kind in South Dakota. This type of interchange will provide much needed improvements for the I-90 (Exit 59) Interchange, including:

- Improved Safety
- Increased capacity and efficiency by eliminating left turn signals on N. LaCrosse Street
- Reduced delay and congestion

This construction project kicked off in February 2021 and is expected to be completed by June 2023. A periodic newsletter will be sent out with an overview of the project and planned activities. The website and social media channels will also be updated with the latest news.



If you have any questions or concerns, we would be happy to meet individually with you.

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# UPCOMING ACTIVITIES

## JULY 2021

Additional concrete paving on westbound off-ramps and on-ramps is planned. Gravel will be imported on the eastbound lanes to prepare for paving. Stormwater piping will be installed in this area. Bridge crews will continue work to build the remaining abutments on the Maple Avenue structures. Ancillary work, including permanent fence and signing, may take place as allowed by the construction schedule and availability of staffing.

## AUGUST 2021

Once the fill material has been completed, topsoil will be placed on the disturbed areas on the eastbound off-ramp and temporary seeding will be placed.

Work on the retaining walls below the LaCrosse Street bridge will commence. This is the first step in widening the existing LaCrosse Street structure.

Once the Maple Avenue bridge deck widening is complete, concrete will be poured to connect the new bridge deck with the travel lanes on the interstate.

As shown in the aerial photo below, borrow has been imported to widen the I-90 Exit 59 approach lanes to ultimately connect with the interchange over the LaCrosse Street bridge. The lighter colored concrete in the left side of photo is the new I-90 westbound auxiliary lane. This photo also shows completed temporary seeding.

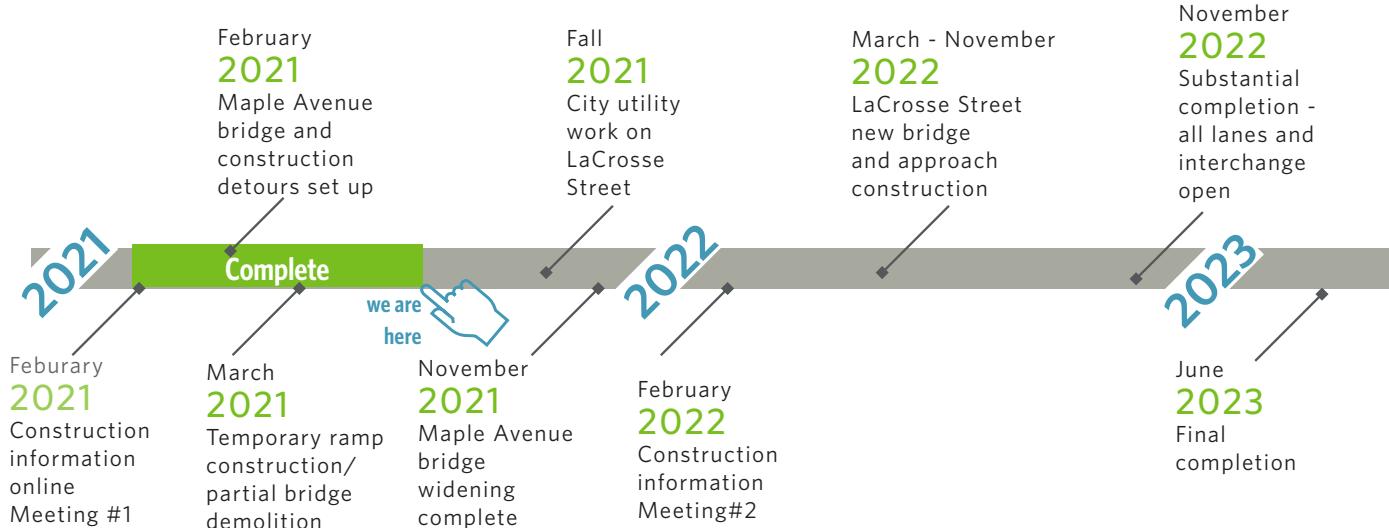


Photo courtesy of Jason Reaves, American Concrete Pavement Association



Note, the new abutments erected on Maple Avenue, which will enable bridge lanes to be widened in each direction.

## OVERALL PROJECT SCHEDULE



Follow the project progress on social media and  
<https://www.i90lacrosseddi.com/construction.html>