

# SUMMER 2019 NEWSLETTER

## GRASSMERE DRAIN BRIDGE ON PTH 9 IN WEST ST. PAUL



### Purpose and Need

The existing concrete culvert over Grassmere Drain on PTH 9 was constructed in 1913. This culvert is a vital transportation crossing for residents and businesses entering and exiting the City of Winnipeg north of the Perimeter Highway.

The culvert over 100 years old, has reached the end of its service life and needs to be replaced. Manitoba Infrastructure (MI) has determined that the most cost-effective solution is to replace the existing culvert with a new bridge. The project will include improvements to PTH 9 in the immediate vicinity of the new bridge that will be consistent with future upgrades of the highway.



Existing concrete culvert over Grassmere Drain

### New Replacement Bridge

The replacement structure will be a single-span bridge 21.5 metres long, supporting four lanes of traffic (two in each direction), as well as a turning lane and a median lane. The new bridge will allow a wider channel opening, improving flow during peak events including spring runoff.

### New Pedestrian Bridge

In addition to the vehicular bridge, a pedestrian bridge will also be constructed east of the new structure.



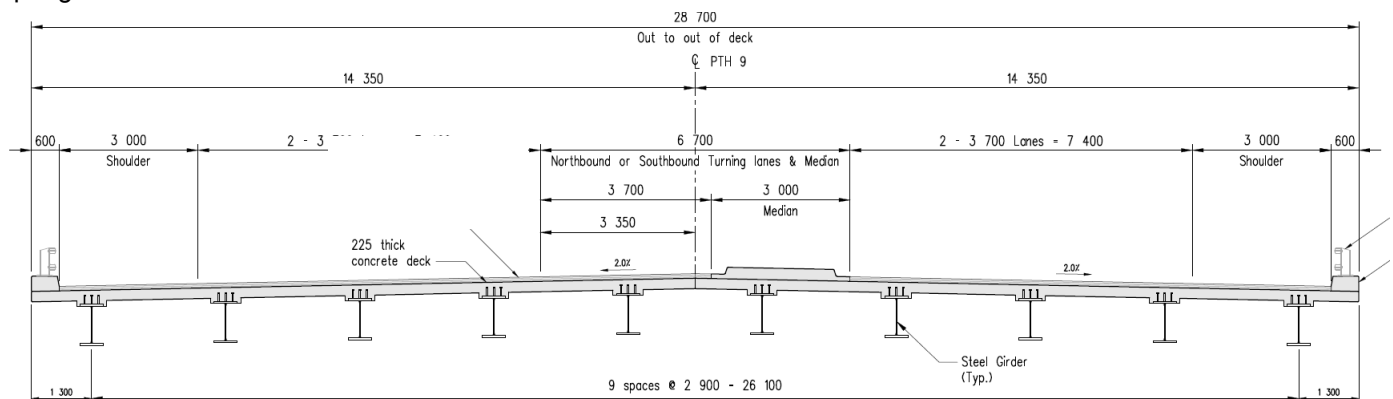
Grassmere Creek Pedestrian Bridge on PTH 9, view looking north-west

### Traffic Control – Traffic Staging

The bridge will be constructed in stages. One half of the bridge will be constructed at a time. Traffic will be accommodated with one lane in each direction and the traffic management plan will ensure that access is maintained during construction for businesses and residents.

### Current Status

- Detailed design is in progress and planned to be completed in June, 2019.
- Roadway widening is planned to start in the summer of 2019.
- Bridge construction is planned to start in the fall of 2019.
- The new highway and pedestrian bridges are planned to be completed and fully open to traffic in the fall of 2020.



# TRAFFIC ROUTING DURING CONSTRUCTION

## STAGE 1: FALL 2019—WINTER 2019



## STAGE 2: WINTER 2019—SPRING 2020



## STAGE 3: SPRING 2020—FALL 2020

