

Date: July 15, 2022

Mission Creek Greenway Regional Park – 2022 Freshet Preliminary Damage Assessment

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PURPOSE:

The purpose of this preliminary damage assessment is to highlight areas of safety and infrastructure concerns along the Mission Creek Greenway Regional Park (Greenway) as a result of high creek flows in Mission Creek.

ASSESSMENT DATE:

The preliminary assessment was completed on Monday June 20, 2022, photos from before this date and after have been taken by Regional Parks staff who continue to safely check on conditions along the closed sections of the Greenway. These checks are completed daily to ensure the area closure are up and to see if there are any further damages to the Greenway and the Greenway's infrastructure. It should be noted that despite closures and unsafe areas in these closed sections of the Greenway, people continue to damage and destroy these closures, which require daily effort to re-install.

CLOSED AREAS OF GREENWAY:

- Hollywood Road South Parking Area to Scenic Canyon Viewpoint (End of Field Road Right of Way)

PRELIMINARY ASSESSMENT OBSERVATIONS:

- Hollywood Road South to East Kelowna Road (Pasadena) – 25m section of greenway has been eroded and scoured away, plus 150m of significant bank scour adjacent to greenway. (As of Friday July 15, 2022, staff completed construction of a realignment of this section and has reopened this section to the public)
- Hollywood Road South to Friends Bridge – 75 m of minor trail erosion.
- Friends Bridge – north abutment structural protection has been displaced and/or missing.
- Friends Bridge – 15m section of greenway approach ramp has minor erosion of surfacing.
- Friends Bridge to Cedars Bridge – 30m section of greenway, 100m downstream of Cedars Bridge has eroded away.
- Cedars Bridge – northeast abutment protection has been compromised and bank is beginning to erode adjacent to bridge abutment.
- Cedars Bridge to Boardwalks – upstream 100m section of trail has been significantly eroded.

- Boardwalks to Smoothing Stones Bridge – 25m section of greenway has eroded away.
- Smoothing Stones Bridge – jump span structural abutment protection has been displaced.

PHOTO INVENTORY OF FLOOD IMPACTS:

Pasadena Section – Loss of Trail / Bank Scour



Pasadena Section Looking Downstream – Loss of Trail / Bank Scour – June 20, 2022



Pasadena Section Looking from Other Side of Creek – June 21, 2022

Friends Bridge – Abutment Protection Displacement



North Abutment Downstream



North Abutment Upstream

Friends Bridge South Approach – Sediment Deposit and Trail Erosion



Friends Bridge South Approach

100m Downstream Cedars Bridge – Trail Loss



Bank Scour / Trail Loss – Monday June 20, 2022



Bank Scour / Trail Loss – Thursday June 23, 2022

Cedars Bridge – Abutment Scour and Displacement/Missing Protection Works



Failing Abutment Protection – June 20, 2002



Failing Abutment Protection – June 22, 2022



Scour Behind Cut Off Wall – Failing Abutment Protection

Cedars to Boardwalk – Severely Eroded Trail



Upstream Cedars Bridge – Major Trail Erosion



Upstream Cedars Bridge – Major Trail Erosion

Boardwalk to Smoothing Stones – Loss of Trail



Greenway Trail Looking Downstream June 20, 2022



Greenway Trail Looking Downstream June 24, 2022