



Crosier Kilgour & Partners Ltd.

CONSULTING STRUCTURAL ENGINEERS

March 6, 2018

Our File No. 2018-0224

City of Winnipeg
Planning, Property and Development
65 Garry St - 3rd Floor
Winnipeg, Manitoba
R3C 4K4

Attention: Mr. Brent Novak, P.Eng.

Dear Mr. Novak

**Re: Carlton Street North Skywalk
Vehicle Impact**

As you are aware, I have completed a follow up site visit to assess the condition of the vertical truss member within the impact zone. The truss member is an HSS 7 x 5 x 0.188 steel tube. My assessment consisted of a visual review from the interior of the skywalk as well as from a mobile lift.

The member has an obvious dent on the north side of the tube due to the impact. I did not observe any evidence of crimping or buckling of the corners of the tube which would suggest it has been structurally compromised. No other obvious damage was observed to any other truss member near the area of the impact. The stucco soffit also appeared to be sound.

Note that the contractor completing the demolition work was instructed to expose the connection between the vertical tube and bottom chord of the truss. A follow-up site visit will be completed to review the condition of the connection as a further precaution.

Although reinforcement of the tube is recommended, and a repair detail will be provided, the extent of damage is not severe enough to warrant further closure of the skywalk. It is therefore my professional opinion that the skywalk may reopened as soon as the temporary hoarding is installed on the interior of the skywalk. The street closures below the skywalk will need to remain until the affected precast panels are removed and the temporary infill panels are completed.

I trust this provides the information you require. Please contact the undersigned if you have any questions.

Yours truly,

Derek J. Mizak, P.Eng.

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