

FIELD REVIEW REPORT - #R002

Address: University of Waterloo
200 University Avenue West
Waterloo, ON N2L 3G1

Project No: 2021-0448-12 Date: November 25, 2025

Project: University of Waterloo –Math 4

Contractor: Gillam Group Inc.

Attn: Tyler MacIntyre

Owner: University of Waterloo

Weather: Overcast, 5 deg C

Review Date(s): November 24, 2025

Attendance: Kyle Pellerin (WF), Jithu Thomas (Gillam)

This review is for the sole purpose of ascertaining general conformance with the design concept and does not relieve the General Contractor, his Sub-Contractors, or Agents from responsibilities for code, by-law, or design requirements as described in the contract documents or as required by the local building authorities.

This review was carried out in accordance with the performance standards of the Professional Engineers of Ontario. Any noted deficiencies are based on the work that was observed during this review, but it does not preclude the responsibility of the Contractor for correction of all deficiencies whether noted or not in this report.

GENERAL PROGRESS & ITEMS REVIEWED

- R002-1 Waterproofing application was in progress for tunnel extending south from Davis Centre, approximately 90% complete upon arriving on site.
- R002-2 Lift thickness was measured in a random sample of locations in collaboration with the waterproofing applicator. Top lift thickness was confirmed to be at least 120mil, and total high-build thickness was confirmed to be at least 240 mil complete with fabric reinforcement.
- R002-3 Detail work at the existing Davis centre and the south termination of waterproofing was reviewed.

DISCUSSIONS WITH CONTRACTOR

- R002-4 The waterproofing tie in to the existing waterproofing on the south end of the tunnel was discussed. Existing waterproofing materials are asphalt based, and therefore a tie in cannot be performed since materials are not compatible. The existing waterproofing has failed, and therefore an attempt at a tie-in is redundant.
- R002-5 Some areas were observed to have the fabric reinforcement protruding through the top waterproofing lift. The contractor was to touch up these areas, which was observed by WalterFedy prior to leaving site.

SCHEDULE & NEXT STEPS

- R002-6 Contractor awaiting direction from MTE on how to repair the access hatch on the west tunnel adjacent to the MC building. WalterFedy to advise on any special waterproofing conditions that may arise.
- R002-7 Surface preparation of west tunnel and concrete repairs will not be complete until at least middle of next week. Next WalterFedy site visit to review completed surface prep work of west tunnel prior to waterproofing application.

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WALTERFEDY

A handwritten signature in black ink, appearing to read 'K. Pellerin', with a long horizontal stroke extending to the right.

Kyle Pellerin, P.Eng.
Structural Engineer
kpellerin@walterfedy.com

FIELD REVIEW REPORT**GENERAL PHOTOS**

Photo 1: Site progress of waterproofing application



Photo 2: Confirmation of total application thickness (tunnel roof)

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Photo 3: Reinforcing fabric protruding through top lift (repaired)