

2019-07-29

Ms. Angela Zhao  
Planner  
Town of Midland  
575 Dominion Avenue  
Midland, ON  
L4R 1R2

Dear Ms. Zhao:

Please find our responses to the comments from MHBC below.

*MHBC: “The data collection for the turning movement counts at the intersection of Highway 12 and Beamish Road was conducted in November 2018, during which time the portion of Beamish Road between Prospect Road and the Ontario Provincial Police building was closed. As a result, the traffic counts would not have accounted for the truck traffic from the mineral aggregate operation as the trucks were utilizing the detour along Prospect Boulevard to King Street to gain access to Highway 12. It is recommended that the TIS be updated to analyze the existing traffic conditions inclusive of the truck traffic based on the permission for the mineral aggregate operation to extract 1,450,000 tonnes annually.”*

During the road closure of Beamish Road, trucks exiting the aggregate site needed to take Prospect Boulevard eastbound onto King Street, then travelling northbound on King Street to the King Street and Highway 12 intersection. They were then accounted for in the King Street and Highway 12 intersection counts. To properly evaluate conditions when Beamish Road is open, we have moved all heavy vehicle counts taken at the King Street and Highway 12 intersection passing through the intersections’ southern leg (EBR, WBL, SBT, NBL, NBT, NBR) to the Beamish Street and Highway 12 intersection during the study hours. All heavy vehicles passing through that path were taken as there aren’t other properties warranting heavy vehicle traffic in the southern area, and there aren’t many heavy vehicle trips during the peak hours. These levels of traffic are consistent with the 1,450,000 annual tonnes operation. The figure below shows the route taken by all heavy vehicles, in and out of the aggregate operation during the Beamish Road closure (in red).





*MHBC: "...the sight lines at the vehicle access for Phase 1 of the proposed Coland development should be analyzed to determine if any mitigation measures are required on Beamish Road to ensure acceptable road operations. It is understood that in 2020 the intersection at Beamish Road and Highway 12 will be upgraded to include signals as well as left-hand turn lane on Highway 12 (east and west) and Beamish Road (north and south)."*

The sight line analysis for the vehicular access at the proposed phase 1 site entrance is currently adequate. The vertical plane has a relatively level grade, and there are no obstructions in the horizontal clearance required. This site entrance is a sufficient distance from the Beamish Road and Highway 12 intersection that mitigation measures due to sight lines will not be required. The sight lines should be reviewed during the Site Plan Application when a detailed site plan is available.

We trust that this letter report addresses all the Town and MHBC's concerns. Should you have any questions, please do not hesitate to contact me directly.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Adam Bell'.

Adam Bell  
Team Lead

AG/AB