

REPORT

REPORT TO: Chair and Members of the Planning, Public Works, and Transportation Committee

REPORT FROM: Matt Roj, Traffic Coordinator

DATE: August 13, 2019

REPORT NO.: TPW-2019-0017

RE: Dufferin Truck Monitoring Station Update

RECOMMENDATION:

THAT Report No. TPW-2019-0017, dated August 13, 2019, regarding the Dufferin Truck Monitoring Station Update, be received;

AND FURTHER THAT the Dufferin Truck Monitoring Station Update, be approved.

BACKGROUND:

Dufferin Aggregates, a division of CRH Canada Group Inc., is the largest aggregate hauler in the Town of Halton Hills. The company operates two quarries within the municipal boundaries of the Town: Milton Quarry and Acton Quarry.

In 2015, Dufferin Aggregates received the approval for the Acton Quarry extension. As part of the approval process, Dufferin Aggregates was required to enter into the Acton Quarry Haul Route Agreement with the Region of Halton and the Town of Halton Hills to restrict its trucks from travelling on Maple Avenue to and from the Acton Quarry, except those making local deliveries within the Georgetown urban area.

The agreement required Dufferin Aggregates to install a Truck Monitoring Station on Maple Avenue, east of Trafalgar Road (Regional Road 3) to capture all license plates travelling in the eastbound direction to determine if the truck is associated with the Dufferin Aggregates.

COMMENTS:

Monitoring Station

The Dufferin Truck Monitoring Station was activated on July 24, 2017 and is maintained and operated by Dufferin Aggregates.

The station includes a camera that captures license plate images of all vehicles travelling in the eastbound direction on Maple Avenue. The camera sends the recorded plate numbers to a system that compares them to Dufferin's records.

The system is operated by a third-party contractor and advises Dufferin Aggregates whether a truck is making a local delivery or using Maple Avenue as a cut through route.

Based on the protocol put in place by Dufferin Aggregates, it communicates with the third-party haulers the expectations on the haul route. The camera's records allow a straight-forward process for Dufferin Aggregates to identify drivers that require further education.

If the truck making the delivery for Dufferin Aggregates is improperly using Maple Avenue, the Dufferin Aggregates Logistics Team is alerted to follow up with the trucking company and driver. Dufferin Aggregates advises the trucking company of the proper haul route and works with them to rectify the situation. Should they continue to use Maple Avenue improperly, appropriate penalties are applied.

Study Results

Through the monitoring station data, Dufferin Aggregates provides the Town with monthly updates on truck violations. In 2018, the records identified 50 violations of improper use of Maple Avenue. Dufferin Aggregates followed up with each driver to educate them about the restrictions.

To assist Dufferin Aggregates in reducing unnecessary truck traffic on Maple Avenue, staff undertook a total of 30 truck surveys and observations between July 2017 and July 2019. As required under the agreement, Dufferin Aggregates provided a one-time contribution of \$15,000 to the Town to hire an additional two students to monitor the haul route.

The Town's survey results identified an average of 11 violations for 37 trips travelled by haul trucks on Maple Avenue that accessed Acton Quarry between July 25, 2017 and July 30, 2019. The Maple Avenue violation rate of 30 percent (%) is due to the private haulers accessing Acton Quarry.

Since the installation of Dufferin Truck Monitoring Station and efforts made by both Town staff and Dufferin Aggregates, the number of public complaints concerning the haul trucks on Maple Avenue has been significantly reduced.

Overall, the volume of heavy trucks on Maple Avenue during the peak hours was reduced by an average of 32 heavy trucks or 25 percent (%) per day, between 2017 and 2019.

Next Steps

Staff will continue to work with Dufferin Aggregates to increase the compliance levels of both third-party and private haulers. The Dufferin Truck Monitoring Station on Maple Avenue will be operational until the termination of the agreement or if another monitoring system replaces it.

The agreement shall terminate at the time as both the Existing Quarry License and the Extension Quarry License have been surrendered.

RELATIONSHIP TO STRATEGIC PLAN:

There is no direct link to the Strategic Plan.

FINANCIAL IMPACT:

There is no financial impact associated with this report.

CONSULTATION:

Dufferin Aggregates have been consulted in the preparation of this report.

PUBLIC ENGAGEMENT:

Public engagement was not required, as part of this report.

SUSTAINABILITY IMPLICATIONS:

The Town is committed to implementing our Community Sustainability Strategy, Imagine Halton Hills. Doing so will lead to a higher quality of life.

The recommendation outlined in this report advances the Strategy's implementation.

This report supports the Social Well-being pillar of Sustainability and in summary the alignment of this report with the Community Sustainability Strategy is good.

COMMUNICATIONS:

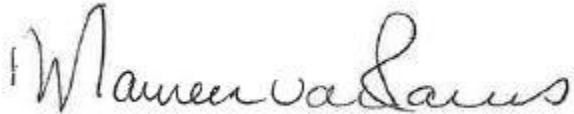
Staff will continue to work with Dufferin Aggregates to reduce the haul truck impacts on the Georgetown urban area.

CONCLUSION:

Since the installation of the Dufferin Truck Monitoring Station, the number of public complaints concerning the haul trucks on Maple Avenue has significantly reduced.

Staff will continue to work with Dufferin Aggregates to ensure haul truck compliance is adhered to as indicated in Acton Quarry Haul Route Agreement.

Reviewed and Approved by,

A handwritten signature in cursive script, appearing to read "Maureen Van Ravens".

Maureen Van Ravens, Manager of Transportation

A handwritten signature in cursive script, appearing to read "Chris Mills".

Chris Mills, Commissioner of Transportation and Public Works

A handwritten signature in cursive script, appearing to read "Brent Marshall".

Brent Marshall, Chief Administrative Officer