Council Direction:

City Council, at its meeting held May 12, 2010, directed staff to investigate and report back on available traffic control options which could be implemented at the intersection of Regional Road 56 at Windwood Drive / Southbrook Drive, as a result of the opening of St. Matthew Elementary School which is located west of this intersection.

Information:

**Regional Road 56 at Windwood Drive / Southbrook Drive**

A roundabout for Southbrook Drive / Windwood Drive and Regional Road 56 is being proposed for construction within the next two to three years by Development Engineering. The proposed roundabout will be constructed in conjunction with the extension of the sewer and water infrastructure southerly along Regional Road 56 to this intersection. Regional Road 56 is a two-lane arterial road and has a legal posted speed limit of 50 km/h through the urbanized area of Binbrook. This is a typical speed limit for the majority of roads which students cross throughout the City.

However, rather than having students cross Regional Road 56 unassisted during arrival and dismissal times, the School Board has advised that all students within the St. Matthew School catchment area, who reside in the subdivision east of Regional Road 56, will be bussed directly to St. Matthew School. For the short-term, this ensures that no student will need to cross Regional Road 56 when walking to and from St. Matthew School. Stop bars will be painted on both approaches of Windwood Drive / Southbrook Drive to Regional Road 56.
Traffic Control in the Vicinity of St. Matthew School, West of Regional Road 56

Traffic Engineering Staff implemented several signing and pavement marking options in the new subdivision west of Regional Road 56. Stop control at the intersection of Great Oak Trail and Windwood Drive has been changed from two-way to all-way stop control; “School Area” signs have been installed adjacent to St. Matthew School on Windwood Drive for both directions. Arrangements have also been made to install “Playground Ahead” signs for both directions of Great Oak Trail adjacent to Laidman Park.

Portions of Bradely Avenue, Windwood Drive and Great Oak Trail would qualify for a full-time reduced speed limit of 40 km/hr, since the school property is contiguous to these roads. This item will be submitted on the next delegated authority by-law for approval at the June 23rd Council meeting. The Ward Councillor supports the initiative. A work order has been issued to paint crosswalks and stop bars at the intersection of Great Oak Trail and Windwood Drive. The School Crossing Office has advised that they are in the process of considering adult school crossing guard locations in the vicinity of the school.
Vicinity of Regional Road No. 56 at Windwood Drive / Southbrook Drive

TRAFFIC ENGINEERING
PUBLIC WORKS DEPARTMENT

LEGEND

EXISTING STOP

PROPOSED STOP

SCALE

NOT TO SCALE

DATE
June 7, 2010

REPORT PW10070