SUBJECT: Access and Egress from Pioneer Gas Station, Upper Centennial Parkway between Mud Street & Green Mountain Road (PW06133) - (Ward 9)  
Public Works, Infrastructure & Environment Committee Outstanding Business List

RECOMMENDATION:

(a) That access and egress improvements for the Pioneer Gas Station situated on Upper Centennial between Mud Street and Green Mountain Road be planned and coordinated with future roadway improvements.

(b) That the item relating to the Access and Egress from Pioneer Gas Station on Upper Centennial Parkway across from Green Mountain Road be removed from the Public Works, Infrastructure and Environment Committee Outstanding Business list.

Scott Stewart, C.E.T.  
General Manager  
Public Works
**EXECUTIVE SUMMARY:**

At the March 6, 2006, Public Works, Infrastructure and Environment Committee meeting staff were requested to review safety concerns respecting vehicular traffic entering and exiting the Pioneer Gas Station on Upper Centennial Parkway and provide recommendations on how to improve safety at this location.

Over the last 5 years there have been 68 reported collisions on Upper Centennial between Mud Street and Green Mountain Road. This does not include intersection related collisions at Mud Street or Green Mountain Road. Of the 68 reported collisions, 19 were rear end collisions involving northbound vehicles at the entrance to the Pioneer Gas Station.

In order to improve vehicular traffic safety in this area, the construction of a two-way left turn lane on Upper Centennial Parkway between Mud Street and Green Mountain Road is required. This would significantly reduce the number of collisions taking place, in particular the northbound rear end collisions at the Pioneer Gas Station where this type of collision is most prevalent. This report recommends the coordination of this initiative with other future roadway improvements anticipated in the transportation master plan and the water/waste water master plan. Such improvements are tentatively scheduled for the year 2010 (trunk main implementation on Upper Centennial).

**BACKGROUND:**

The information/recommendations contained in this report primarily affects Ward 9. Upper Centennial Parkway between Mud Street and Green Mountain Road is a four lane roadway with a speed limit of 80 km/hr. There are 6 entrances to commercial developments within these limits none of which have left or right turn lanes into their properties. There are no commercial driveways on the east side of Upper Centennial except for the residential property and Truck Training business on the north east corner of Upper Centennial and Mud Street. The west side of Upper Centennial consists of driveway entrances to “The Egg and I” restaurant, “Stoney Creek Poultry”, the “Pioneer Gas Station” and a landfill site.

The main area of concern along this stretch of roadway is the entrance to the Pioneer Gas Station on the west side of Upper Centennial Parkway. Over the last 5 years there have been 68 reported collisions on Upper Centennial between Mud Street and Green Mountain Road, (excluding the intersection related collisions at Mud Street or Green Mountain Road) of which 19 were rear end collisions involving northbound vehicles at the entrance to the Pioneer Gas Station. Staff have assessed the safety issues along this roadway segment and conclude that the construction of a two way left turn lane is the most appropriate solution, and that its installation should be coordinated with future roadway improvement planned for 2010 in conjunction with a trunk main project. In the interim staff will continue to monitor traffic safety in this area to determine if further consideration for interim action is warranted.
SUBJECT: Access and Egress from Pioneer Gas Station, Upper Centennial Parkway between Mud Street & Green Mountain Road (PW06133) - (Ward 9) - Page 3 of 3

ANALYSIS/RATIONALE:

The installation of a two-way left turn lane on Upper Centennial Parkway between Mud Street and Green Mountain Road would significantly reduce the number of rear end collisions particularly in the northbound direction at the Pioneer Gas Station where this type of collision is most prevalent. The implementation of this proposal should be coordinated with other scheduled improvements within this roadway segment to ensure optimal cost efficiency from available capital resources.

ALTERNATIVES FOR CONSIDERATION:

As an alternative to the recommendation Council may choose to take no action, and monitor the situation through to and beyond the opening of the Red Hill Creek Expressway to assess if a reduced volume of traffic on Upper Centennial Pkwy positively impacts traffic safety in this area. Staff note however, that a reduction in vehicular traffic volumes may increase traffic speed wherein the need for improvements may be sustained.

FINANCIAL/STAFFING/LEGAL IMPLICATIONS:

Project costs will be referred to a future capital budget submission.

POLICIES AFFECTING PROPOSAL:

N/A

RELEVANT CONSULTATION:

Capital Planning & Implementation and Water & Wastewater have been consulted and have provided comments. The Ward Councillor requested a report back to Committee.

CITY STRATEGIC COMMITMENT:

By evaluating the “Triple Bottom Line”, (community, environment, economic implications) we can make choices that create value across all three bottom lines, moving us closer to our vision for a sustainable community, and Provincial interests.

Community Well-Being is enhanced. ☑ Yes ☐ No
Construction of the two-way left turn lane will reduce the number of rear end collisions, thereby resulting in a safer community.

Environmental Well-Being is enhanced. ☐ Yes ☑ No

Economic Well-Being is enhanced. ☐ Yes ☑ No

Does the option you are recommending create value across all three bottom lines? ☐ Yes ☑ No

Do the options you are recommending make Hamilton a City of choice for high performance public servants? ☐ Yes ☑ No
TWO WAY LEFT TURN LANE
Upper Centennial Parkway between Mud Street & Green Mountain Road
CITY OF HAMILTON
Public Works Department

LEGEND

SUBJECT SECTION OF ROADWAY
SCALE NOT TO SCALE DATE 2006-10-12
REFERENCE FILE NO: PW06133