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PROPOSED ASSUMPTION OF PRESSURE DISTRICT 7 TESTON ROAD WATERMAIN CITY OF VAUGHAN

The Transportation and Works Committee recommends that:

- 1. The following report, December 17, 2003, from the Commissioner of Transportation and Works be referred back to staff for report back, subsequent to further discussions being held with the City of Vaughan.**

1. RECOMMENDATION

It is recommended that:

1. The Region advise the City of Vaughan that the Pressure District 7 (PD7) Teston Road watermain does not meet the criteria of a Regional trunk watermain and therefore the Region is not prepared to assume the watermain at this time.

2. PURPOSE

The City of Vaughan passed a Council resolution (*see Attachment 1*) on September 22, 2003 requesting the Region to assume the ownership and maintenance responsibilities of the PD7 Teston Road watermain. The purpose of this report is to address the suitability of the above watermain as a Regional facility.

3. BACKGROUND

The PD 7 Teston Road watermain between Keele Street and Weston Road is required to provide water supply to support approved developments within Blocks 26, 33, 40 and 47 of OPA 600 (*see Attachment 2*). The existing portion of the Teston Road watermain between Keele Street and Cranston Park Avenue is currently owned and operated by the City of Vaughan and was constructed in two phases:

1. From Keele Street to St. Joan of Arc Avenue (1999).
2. From St. Joan of Arc Avenue to Cranston Park Avenue (2002).

The Block 33 West and the Block 40/47 North Pine Heights Estates developer groups have indicated their intention to the City of Vaughan to front-end finance the proposed westerly extension of the Teston Road watermain to Weston Road.

A resolution was passed by the City of Vaughan on September 22, 2003 requesting the Region to assume the PD 7 Teston Road watermain from Keele Street to Weston Road.

4. ANALYSIS AND OPTIONS

On November 21, 2002, Regional Council passed a resolution in regard to the establishment of a Regional policy for determining the jurisdiction of trunk watermain. The policy states that:

1. *Any existing or proposed watermain within York Region that meets the following criteria be considered Regional and included in the appropriate financial forecasts:*
 - *A trunk watermain that:*
 - i. *forms an integral part of the water supply system, and has a limited number of service connections (to private property) or fire hydrants along its length; or*
 - ii. *provides a link between Regionally owned pumping stations and storage facilities, and has a limited number of service connections (to private property) or fire hydrants along its length; and*
 - iii. *provides an interconnection between local municipalities.*

The PD7 Teston Road watermain does not provide a link between Regionally owned pumping stations or storage facilities, nor does it provide an interconnection between local municipalities. It is anticipated that it will not have any hydrants or service connections along its length and according to the above policy, it can be considered Regional only if it forms an integral part of the Region's water supply system.

The York Region water supply system is operated under a two-tier system where the Region is primarily responsible for the supply and the local municipalities are responsible for the distribution. The role of the Region is to supply water from the source to each municipality through transmission mains and to provide and maintain the required pressure within the system through synchronized operation of pumping stations and storage facilities. Any supply main that functions to transmit water from the source to the municipality and/or to a Regional pumping station or storage facility will form an integral part of the Region's system.

The PD7 Teston Road watermain currently receives water from the PD6 Keele Street watermain via the South Maple Reservoir/Pumping Station. Clearly, the Keele Street watermain is an integral part of the Region's system because it links the supply source in Toronto to both a Regional storage and pumping facility. On the other hand, the Teston Road watermain only serves to transmit water from the South Maple pumping station to local municipal watermain for servicing development within individual blocks. It is not a supply main that brings water from the source to the municipality or to a Regional storage or pumping facility. It is therefore not regarded as an integral part of the Region's water supply system.

There are many other watermain within York Region which are similar to the PD7 Teston Road watermain in terms of length, diameter and function, which are currently owned and operated by local municipalities. If the Region assumes the Teston Road

watermain, these other mains would also have to be considered for assumption and inclusion in the Development Charge by-law.

Upon review of the 2002 policy, it has been concluded that the facility does not currently meet the criteria of a Regional trunk watermain and therefore it is not recommended that the watermain be assumed by the Region at this time.

5. FINANCIAL IMPLICATIONS

If the Region does not assume the watermain at this time as recommended in this report, there is no financial impact to the Region.

For additional information, the actual and estimated costs of the PD7 Teston Road watermain works are outlined in Table 1:

Table 1

Actual and Estimated Costs of the PD7 Teston Road Watermain Design & Construction

Item	Cost (\$)
Keele St. to St. Joan of Arc Ave. (Actual)	\$1,000,000
St. Joan of Arc Ave. to Cranston Park Ave. (Actual)	750,000
Cranston Park Ave. to Street 'A' (Estimated)	3,800,000
Street 'A' to Weston Rd. (Estimated)	800,000
Total Cost	\$6,350,000

In the unlikely event that the Region decides to assume the facility, it is probable that a developers group would request the Region to enter into an up-front financing agreement to advance the project construction from Street 'A' to Weston Road. Also, the cost of the works from Cranston Park Avenue to Weston Road estimated at \$4,600,000 would have to be added to the Regional Development Charge by-law (*see Table 1*). The inclusion of these works in the Regional Development Charge by-law would result in an increase to the current Development Charge rate of approximately \$25 to \$35 per single family dwelling unit. This represents approximately a 1% increase in the water component of the Regional charge.

6. LOCAL MUNICIPAL IMPACT

If the watermain is not assumed by the Region as recommended in this report, the City of Vaughan will continue to own and operate the existing watermain on Teston Road between Keele Street and Cranston Park Avenue. The Region will continue to work with local municipalities to identify and assume works that are eligible for Regional assumption in accordance with the established policy of responsibility sharing between the local municipality and the Region.

7. CONCLUSION

The City of Vaughan has requested the Region to assume the PD7 Teston Road watermain from Keele Street to Weston Road. This report concludes that the work does not meet the criteria of a Regional facility and therefore recommends that the Region not assume it at this time.

The Senior Management Group has reviewed this report.

(A copy of the attachments referred to in the foregoing is included with this report and is also on file in the Office of the Regional Clerk.)