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WATERMAIN ASSUMPTION ORCHARD HEIGHTS BOULEVARD / BATHURST STREET TOWN OF AURORA

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, August 23, 2006, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The Town of Aurora be requested to transfer to the Region the 400mm watermain along Orchard Heights Boulevard from Pineneedle Drive to Bathurst Street (Y.R. 38) and along Bathurst Street (Y.R. 38) from Orchard Heights Boulevard to Heathwood Heights Drive.
2. The Regional Solicitor prepare the necessary by-law, upon acceptance of the proposed transfer by the Town of Aurora.
3. The Regional Clerk forward a copy of this report to the Clerk of the Town of Aurora.

2. PURPOSE

The purpose of this report is to recommend the assumption of the approximately 225m of 400mm diameter watermain along Orchard Heights Boulevard from Pineneedle Drive to Bathurst Street and the 495m of 400mm diameter watermain along Bathurst Street from Orchard Heights Boulevard to Heathwood Heights Drive (*see Attachment 1*).

3. BACKGROUND

The 2004 Water Master Plan identified works required to transmit water supply from the Peel water system to the communities of Aurora and Newmarket. One of the projects required for this new supply is to provide a connection between the Aurora north elevated tank in Aurora and the west Newmarket reservoir in Newmarket.

As a result of this need, the Region undertook a Class Environmental Assessment study from July 2004 to July 2005. The study evaluated a number of alternative watermain routes. The preferred alternative (*see Attachment 1*) is to construct a new watermain for approximately 400 m along Orchard Heights Boulevard from the Aurora north elevated tank site to Pineneedle Drive, where it would be connected to the existing 400 mm diameter Town of Aurora watermain. The route would then utilize the existing Town of

Aurora watermain on Orchard Heights Boulevard from Pineneedle Drive to Bathurst Street, and northerly on Bathurst Street to Heathwood Heights Drive. A new watermain on Bathurst Street from Heathwood Heights Drive to the west Newmarket reservoir is required.

4. ANALYSIS AND OPTIONS

The proposed Bathurst Street watermain linking the Aurora north elevated tank and the west Newmarket reservoir is a Regional watermain identified in the 2004 Water Master Plan Update.

To eliminate the need to construct a separate Regional watermain, the Class Environmental Assessment study recommended utilizing the existing Town's 400mm watermain along Orchard Heights Boulevard (Pineneedle Drive to Bathurst Street) and along Bathurst Street (Orchard Heights Boulevard to Heathwood Heights Drive) for a portion of the proposed Bathurst Street watermain. Since the Town's watermain will become part of the future Regional watermain, it is recommended that the ownership of it be transferred to the Region in order that the entire watermain be under one jurisdiction. This recommendation is consistent with the jurisdiction policy adopted by Council in November, 2002 as well as the new policy currently proposed for Council adoption; both proposed that water infrastructure providing a link between Regional facilities be considered Regional.

Regional staff has discussed the proposed transfer with staff from the Town of Aurora, and they have indicated their concurrence subject to approval from their council.

5. FINANCIAL IMPLICATIONS

On assumption, operation and maintenance for the watermain will become the responsibility of the Region. Town of Aurora will continue operating and maintaining the hydrants along its route. There are no service connections in the existing watermain. It is not expected the assumption will have any material impact on Regional overall operation cost.

6. LOCAL MUNICIPAL IMPACT

The proposed assumption is an essential part of the planned water transmission system upgrade to convey surface water to service the anticipated growth in Newmarket and Aurora. It will also improve system security by providing a direct connection between the west service zones of the two municipalities.

7. CONCLUSION

The assumption of the watermain will eliminate the Region's need to construct a separate watermain and will enable the Region to supply water to service the growth in Newmarket and Aurora. Therefore, it is recommended that the Town of Aurora be requested to transfer the above watermain to the Region.

The Senior Management Group has reviewed this report.

(The attachment referred to in this clause is attached to this report.)