

COMMITTEE OF THE WHOLE - JANUARY 19, 2004

CITY WORKS IN REGION OF YORK CONTRACT DUFFERIN STREET RECONSTRUCTION – LANDSCAPED MEDIAN NORTH OF RUTHERFORD ROAD WITHIN THE CARRVILLE VILLAGE DISTRICT CENTRE; AND, DEVELOPMENT OF AN IMPLEMENTATION SCHEDULE WITH THE REGION OF YORK FOR ARTERIAL ROAD CENTRE MEDIANS WITHIN THE VELLORE VILLAGE AND CARRVILLE VILLAGE DISTRICT CENTRES

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That the following resolution be enacted:

“The Regional Municipality of York is requested to include the following works in the Regional Municipality of York contract for the reconstruction of Dufferin Street north of Rutherford Road in the Carrville Village District Centre;

- a) Landscaped Median (design, construction, site supervision and administration)
 - on Dufferin Street north of Rutherford Road within the Carrville Village District Centre.
2. That staff be further directed to develop, with the Region of York, an implementation schedule to construct the seven (7) other raised medians within the Vellore Village and Carrville Village District Centres as outlined in this report; and
 3. That the Region of York be advised of the foregoing.”

Purpose

To include the construction of a landscaped median on Dufferin Street north of Rutherford Road in the Carrville Village District Centre as part of the Region of York’s project for the reconstruction of Dufferin Street between Rutherford Road and Major Mackenzie Drive planned for 2004; and

To establish a plan to provide raised landscaped central medians within the Council adopted Vellore Village District Centre Plan on Weston Road and Major Mackenzie Drive, and within the (draft) Carrville Village District Centre Plan on Rutherford Road and Dufferin Street south of Rutherford Road.

Background - Analysis and Options

Both the adopted Vellore Village District Centre and the (draft) Carrville Village District Centre plans have the objective of creating identifiable central places near the core of their respective urban village plans. One important design feature to achieve this sense of place is the installation of landscaped medians on the Regional Roads around which these Centres are located (Attachment 2 – Carrville District Centre Arterial Road Cross-section). The construction of medians in District Centres is in keeping with both the Region of York’s streetscape (arterials), and nodes and corridors initiatives. District Centre medians are one component that will help the Region to articulate its support for Regional nodes, local centres and the enhancement of the design character of associated arterial roads.

Early construction of such medians will give a clear indication to the public that these areas have a distinctive character that will evolve over time. They will also have the added benefit of facilitating pedestrian safety by separating traffic streams and providing a safe refuge for

pedestrians. For these reasons eight (8) raised central medians (with subsurface irrigation to ensure the survival of vegetation) are required:

- two (2) on Weston Road north and south of Major Mackenzie Drive within the Vellore Village District Centre;
- two (2) on Major Mackenzie Drive east and west of Weston Road within the Vellore Village District Centre
- two (2) on Dufferin Street north and south of Rutherford Road within the Carrville Village District Centre;
- two (2) on Rutherford Road east and west of Dufferin Street within the Carrville Village District Centre.

The Regional Municipality of York is presently finalizing the design for the reconstruction of Dufferin Street north of Rutherford Road in the Carrville Village District Centre (and north to Major Mackenzie Drive). It is both advantageous and cost effective for the City to make use of the opportunity to have the Region of York include in their contract the construction of a raised, irrigated, median of decorative concrete to contain trees and other plantings.

The City's Community Planning and Urban Design staff have met with the Region of York regarding the feasibility of constructing this median as part of the Dufferin Street reconstruction. In order to secure the support of York Region on this matter, Council will need to request the Commissioner of Engineering and Public Works to work with the Region of York to incorporate the median as part of its 2004 tender to reconstruct Dufferin Street.

In addition, discussions should be initiated as soon as possible with the Region of York to establish a schedule for the timely construction of the remaining seven (7) medians within the Vellore Village District and Carrville Village District Centres.

Medians for Vellore Village District Centre were included as part of the Vellore Village District Centre secondary plan, OPA #650, adopted by Council on August 23, 2003. Section 4.4, "Road Allowances and Streetscaping, sub-section a) "Major Mackenzie Drive and Weston Road" states:

- "iii) the entrances to the District Centre on Major Mackenzie Drive and Weston Road are to be clearly demarcated as gateways;
- iv) the potential treatments of the road allowances are illustrated in Figure 1 (Weston Road) and Figure 2 (Major Mackenzie Drive)" [See: Vellore Village District Centre Plan]

OPA #650 is currently at the Region of York for Approval. Benchmark cost estimates for medians within the Carrville Village District centre have been prepared by Urban Design but similar estimates are not yet available for the Vellore Village District Centre. It is anticipated that these costs will be within a similar range as those calculated for Carrville (Attachment 3).

Relationship to Vaughan Vision 2007

This project is consistent with Vaughan Vision 2007 in that it supports the implementation of the Vellore Village and Carrville Village District Centres tertiary plans established by OPA #600, it supports community designs to ensure enhanced safety standards (1.1.2) by separating traffic streams and providing pedestrian refuge opportunities, and that the works promote regional and provincial initiatives on transportation infrastructure (3.2.4).

This report is consistent with the priorities previously set by Council.

Conclusion

Council direction to staff is required to request the Region of York to include the construction of a landscaped median on Dufferin Street north of Rutherford Road in the Carrville Village District

Centre, as part of the Region of York's project for the reconstruction of Dufferin Street between Rutherford Road and Major Mackenzie Drive, planned for 2004. This work would be included as part of its project for the reconstruction of Dufferin Street between Rutherford Road and Major Mackenzie Drive planned for 2004.

This project represents only one (1) of eight (8) District Centre medians required for Vellore and Carrville Village District Centres. Council's direction is also requested for staff to enter into discussions with the Region of York to establish a schedule to, incrementally over time, construct the remaining seven medians. In future, staff will prepare specific requests to Council for each median and/or location as appropriate. Attachment 3 provides estimates of the cost of the medians within Carrville Village District Centre. Estimates for medians within the adopted Vellore Village District Centre plan (OPA #650) are anticipated to be within a similar range.

Attachments

1. Location Map
2. Arterial Road Cross-section With Centre Median – Carrville District Centre
3. Carrville Village District Centre - Median Benchmark Cost Estimates

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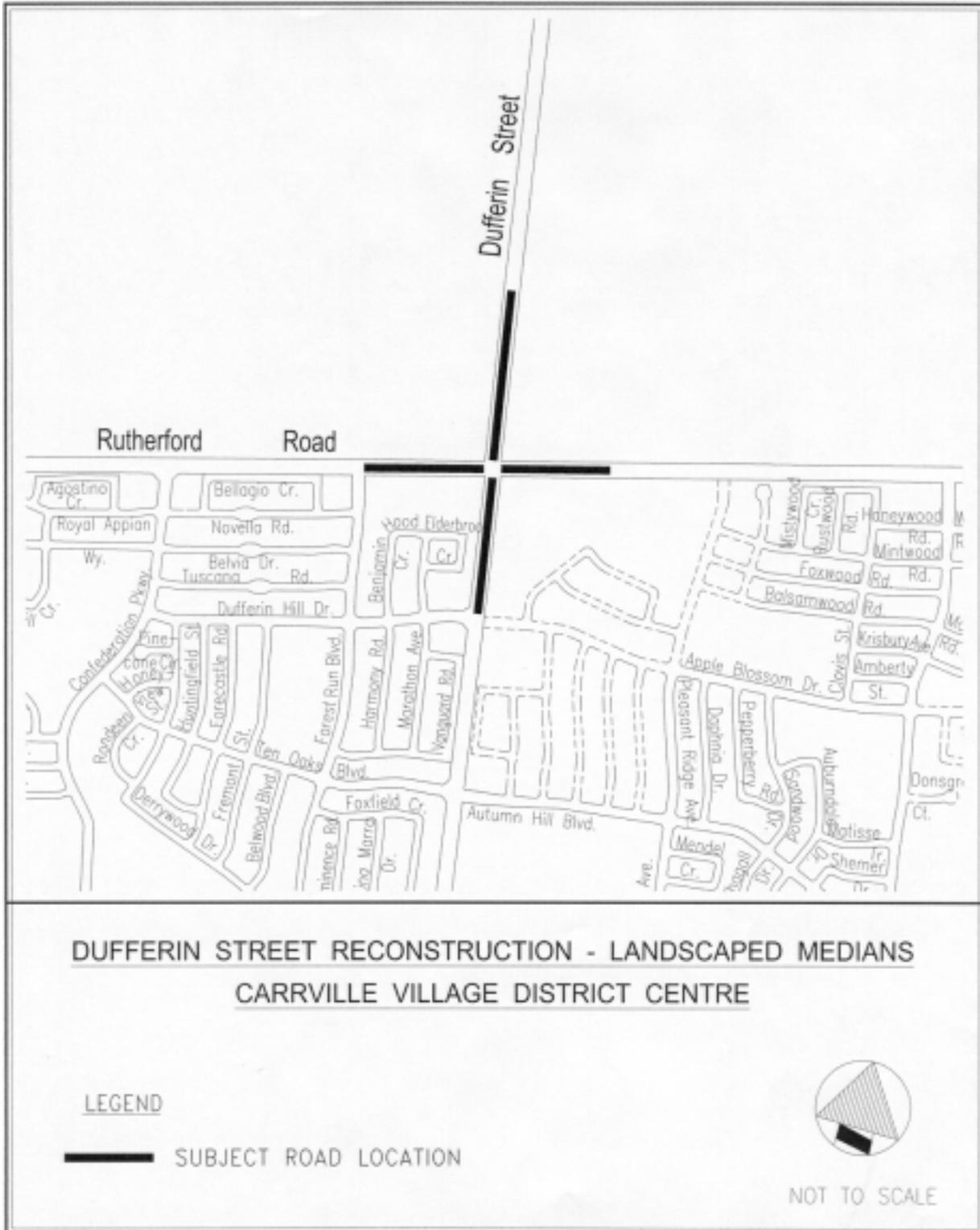
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Gary P. Carroll, P. Eng.
Director of Engineering Services

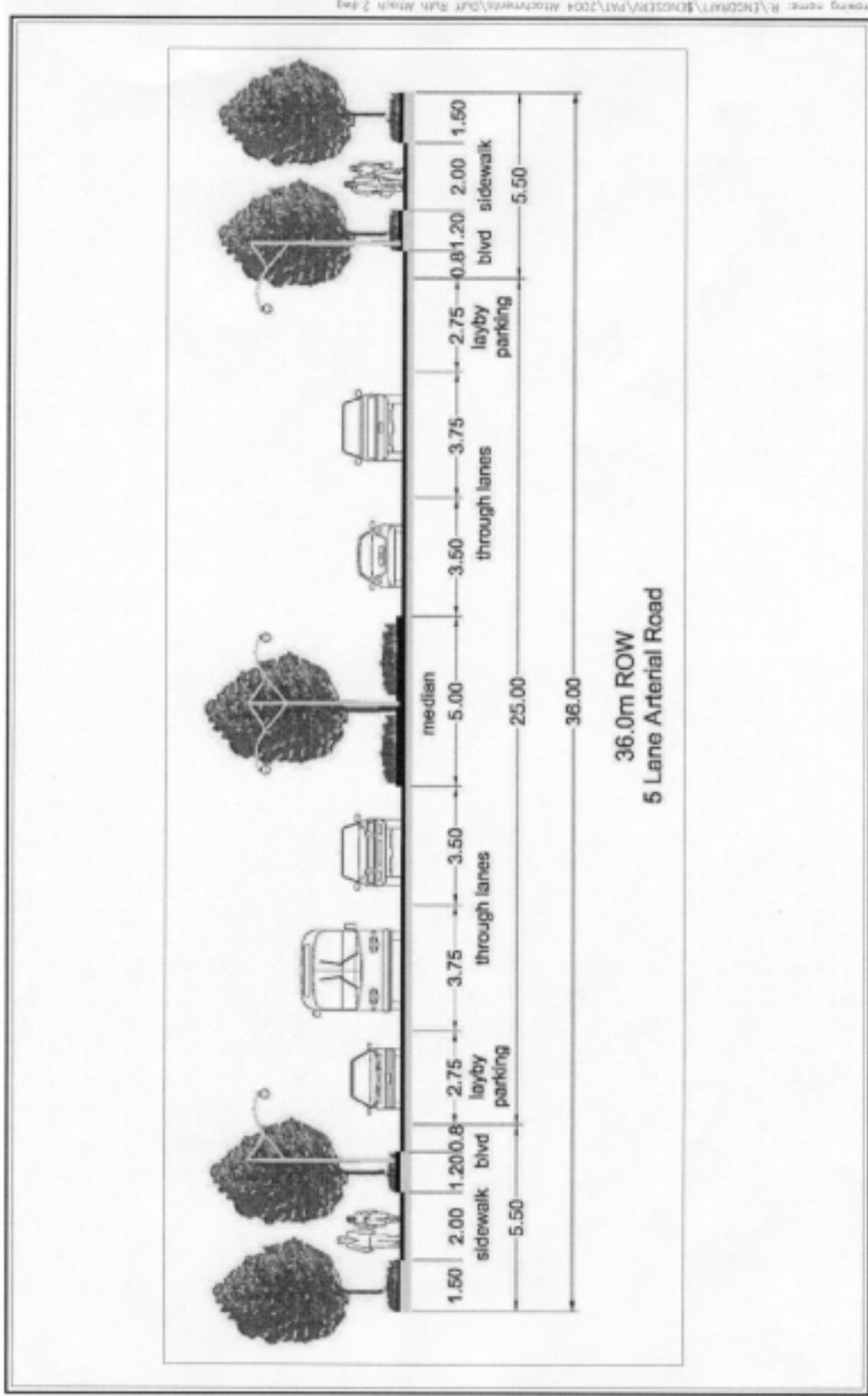
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ATTACHMENT No. 1



ATTACHMENT No. 2

ARTERIAL ROAD CROSS-SECTION WITH CENTRE MEDIAN CARRVILLE DISTRICT CENTRE



ATTACHMENT NO. 3

**URBAN VILLAGE DISTRICT CENTRE
ARTERIAL MEDIAN COSTS**

Dufferin Street & Rutherford Road Medians - Estimated Construction Costs		Metres	\$ incl. sft \$/GST
	Median Type	\$/lin. Metre	
Dufferin N of Rutherford (with road reconstruction)	raised section	\$900	215
	lower section	\$450	170
			385
			270,000 ST
Dufferin S of Rutherford (retrofit)	raised section	\$920	236
	lower section	\$450	85
			321
			255,370 ST
Rutherford W of Dufferin (retrofit)	raised section	\$920	200
	lower section	\$450	85
			285
			222,250 ST
Rutherford E of Dufferin (retrofit)	raised section	\$920	200
	lower section	\$450	85
			285
			222,250 ST
Total Estimated Cost			969,870 T