

REGIONAL MUNICIPALITY OF OTTAWA-CARLETON
MUNICIPALITÉ RÉGIONALE D'OTTAWA-CARLETON

REPORT
RAPPORT

Our File/N/Réf. **25 23-97-R030**
Your File/V/Réf.

DATE 12 August 1997

TO/DEST. Co-ordinator Transportation Committee

FROM/EXP. Director Mobility Services and Corporate Fleet Services
Environment and Transportation Department

SUBJECT/OBJET **MODIFICATIONS TO INNES ROAD (REGIONAL ROAD 30)
TO ACCOMMODATE THE EXPANSION OF BUILDER'S
WAREHOUSE AT 3636 INNES ROAD**

DEPARTMENTAL RECOMMENDATIONS

That the Transportation Committee recommend Council:

- 1. approve the installation of traffic control signals at 3636 Innes Road and the construction of associated roadway modifications along Innes Road as illustrated in Annex B, subject to the owner, Builder's Warehouse;**
 - a. funding the total cost of the proposed road works which would include paying the annual maintenance costs for the traffic control signals until such time as they meet the Ministry of Transportation of Ontario installation warrants and Council approve the assumption of the costs;**
 - b. executing a legal agreement with respect to (a) above, and;**
- 2. authorize the initiation of the public hearing process as required by Sections 297 and 300 of the Ontario Municipal Act.**

BACKGROUND

Builder's Warehouse is in the process of expanding their facilities at 3636 Innes Road in the City of Gloucester. The site location is shown in Annex A.

Part of the development will include the widening of Innes Road at the entrance to Builder's Warehouse, to the satisfaction of the RMOC, to accommodate vehicular traffic accessing Builder's Warehouse.

EXISTING CONDITIONS

Pedestrian

In the vicinity of the site, Innes Road has a rural cross-section, with no pedestrian sidewalks provided. The north-south pedestrian volume over an eight-hour period on a Saturday in May 1996 at the entrance to Builder's Warehouse was 12.

Bicycles

There are no existing bicycle lanes on Innes Road in the vicinity of the site. Innes Road is designated as a primary route in the Cycling Transportation Network Plan.

Cycling traffic counts taken on a Saturday in May 1996 determined that the peak cycling traffic occurred between 3:00 and 4:00 p.m., with a total of 13 bicycles entering the intersection. The total for the eight-hour period was 45 bicycles.

Transit

Transit service is provided along Innes Road for both regular and peak hour service.

Existing bus stops are located at the near side of the Builder's Warehouse entrance for eastbound traffic and at the near side of the plaza on the north side for westbound traffic.

Automobiles

In the vicinity of Builder's Warehouse, Innes Road is a two-lane rural arterial roadway, with a posted speed limit of 60 km/hr. Just east of the entrance, Innes Road crests with a maximum grade of approximately 4.5%. A traffic sign located 135 metres east of the entrance posts a reduced speed limit of 50 km/hr. for eastbound traffic due to a limited sight distance.

Peak hour traffic volumes occurred during a Saturday between 3:00 and 4:00 p.m., with the peak hourly volume of 1,175 vehicles for Innes Road eastbound and 512 vehicles westbound. The Builder's Warehouse access had a peak volume of 344 vehicles entering the intersection, and 28 vehicles entering the intersection from the plaza on the north side of Innes Road. The total P.M. peak hour traffic was 2,059.

DESIGN PROPOSAL

Pedestrians

Safe pedestrian movements will be accommodated with the installation of traffic control signals and crosswalks provided at the intersection.

Bicycles

There are no existing bicycle lanes on Innes Road in the vicinity of Builder's Warehouse. The proposed development proposes the widening of the roadway on the south side of Innes Road. The roadway modifications will include the provision of a 1.5 metre cycling lane on the south side of Innes Road for eastbound cycling traffic. The cycling lane on the north side for westbound cycling traffic will be constructed by the RMOC under a separate contract for the construction of cycling lanes on Innes Road.

Transit

Transit operations on Innes Road will not be affected by the widening or the installation of traffic control signals. OC Transpo will advise on the final location of bus stops at the intersection to Builder's Warehouse.

Automobiles

Builder's Warehouse, the owners of the site, requests that the Transportation Committee approve the following proposed intersection and roadway modifications as illustrated in Annex B. In conjunction with these proposed geometric changes, the owner/developer also requests approval for the installation of traffic control signals at the entrance to Builder's Warehouse at 3636 Innes Road.

The proposed geometric changes to the entrance to Builder's Warehouse will comprise widening on the south side of Innes Road at the existing entrance to accommodate both eastbound and westbound left turning lanes and an eastbound right turn lane into the site.

The left turn lanes will be 3.25 metres in width and will provide 40 metres of vehicular storage. The eastbound right turn lane at the entrance to Builder's Warehouse will be 3.0 metres in width and have a storage length of 35 metres.

FINANCIAL STATEMENT

Should Regional Council approve the proposed intersection modifications to Innes Road, the developer/owner will be responsible for 100% of the cost of roadway widening and installation of traffic control signals.

Cost Estimates

The following cost estimates, prepared by D.J. Halpenny & Associates, are preliminary based on functional design details, and are provided solely for the information of the Transportation Committee and Regional Council.

<u>Item</u>	<u>Cost Estimate</u>
Construction	\$ 80,500
Traffic Control Signals	\$ 80,000
Engineering	\$ 10,000
Contingencies	<u>\$ 17,000</u>
TOTAL ESTIMATED COST	\$187,500

CONSULTATION

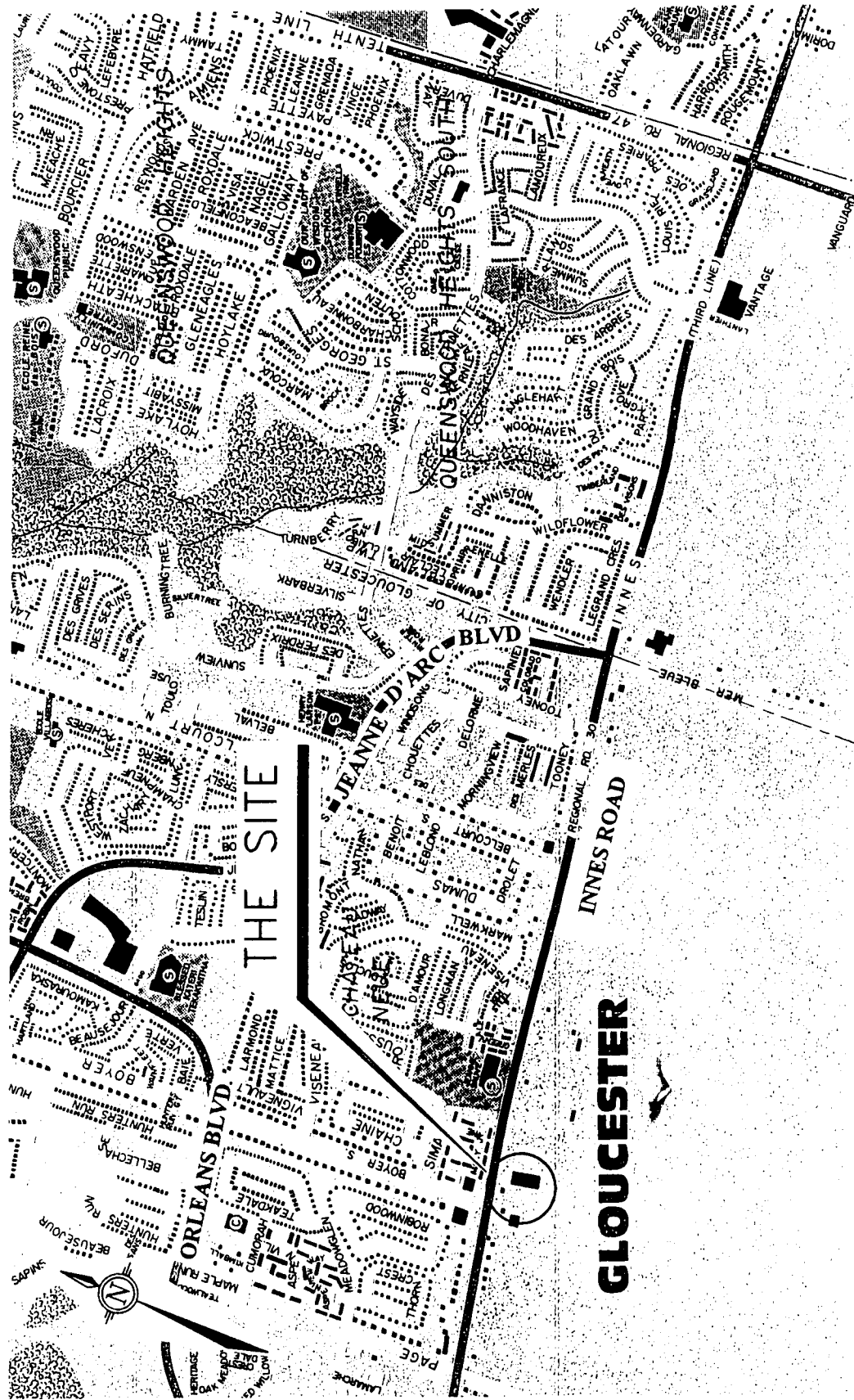
The opportunity for general public input will be provided via the public hearing process.

COMMENTS FROM THE REGIONAL CYCLING ADVISORY GROUP

A draft of this report was circulated to the Regional Cycling Advisory Group (RCAG) for comments. RCAG's comments will be available at the Transportation Committee meeting.

*Approved by G. Malinsky
on behalf of Doug Brousseau*

Attach. (2)



DATE: JULY 1997
 SCALE: N.T.S.

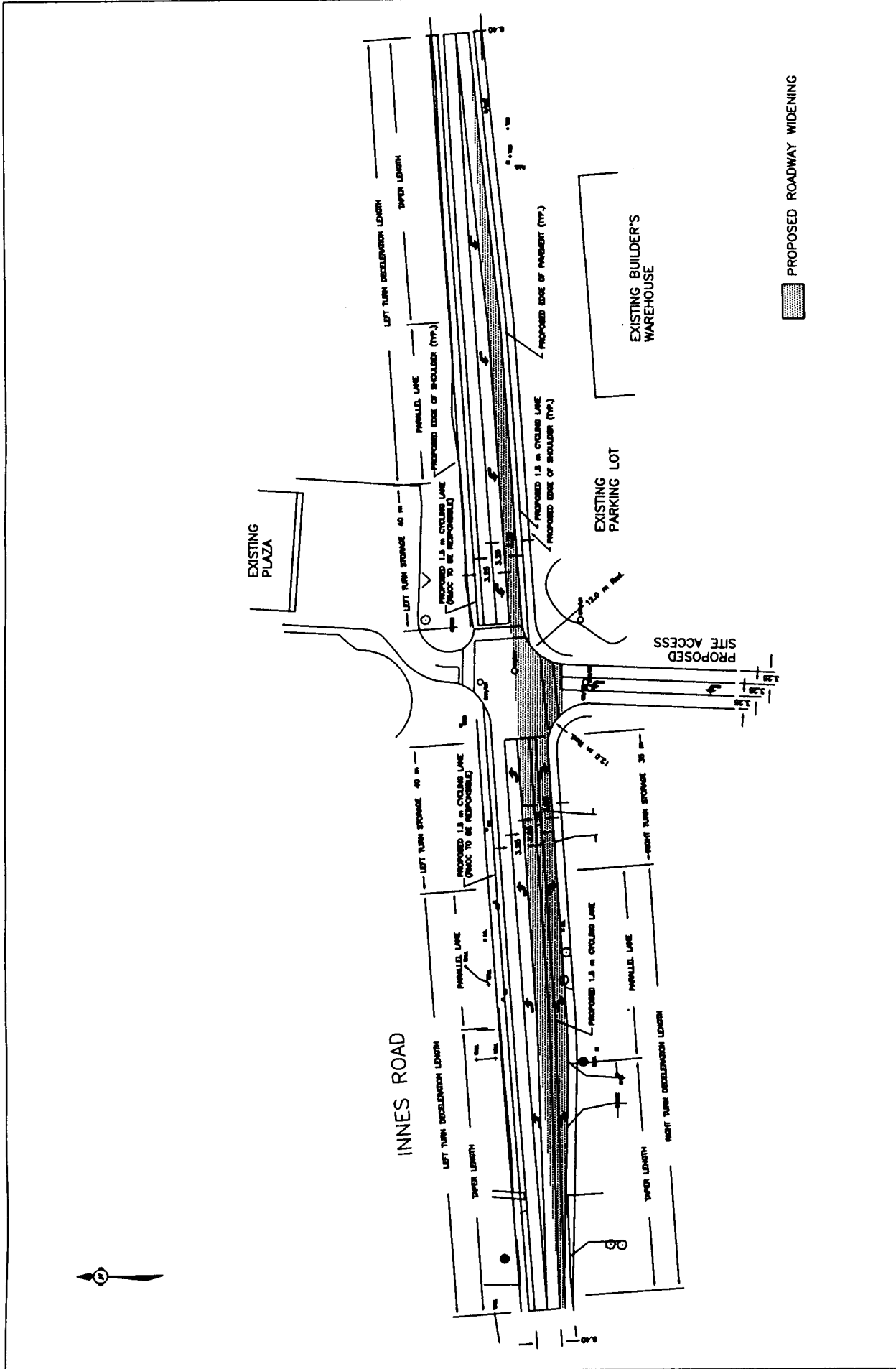
Ottawa-Carleton


D. J. Halperny & Associates
 1 Stafford Road, Suite 232, Nepean, ON K2H 1P5 • (613) 823-6633

BUILDER'S WAREHOUSE
 INNES ROAD INTERSECTION
 MODIFICATIONS

SITE LOCATION

ANNEX A



 Ottawa-Carleton	DATE: JULY 1997
	SCALE: N.T.S.
BUILDERS WAREHOUSE INNES ROAD INTERSECTION MODIFICATIONS	ANNEX B
	D. J. Hesperry & Associates 1 Stafford Road, Suite 233, Nepean, ON K2H 1P9 • (613) 829-6653