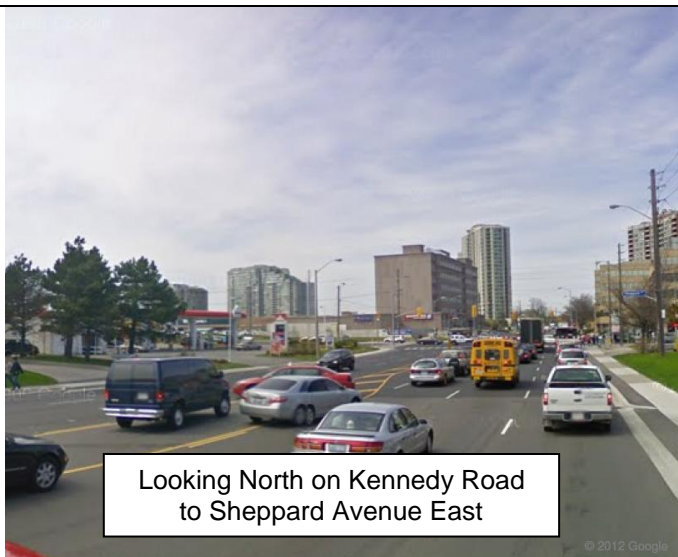
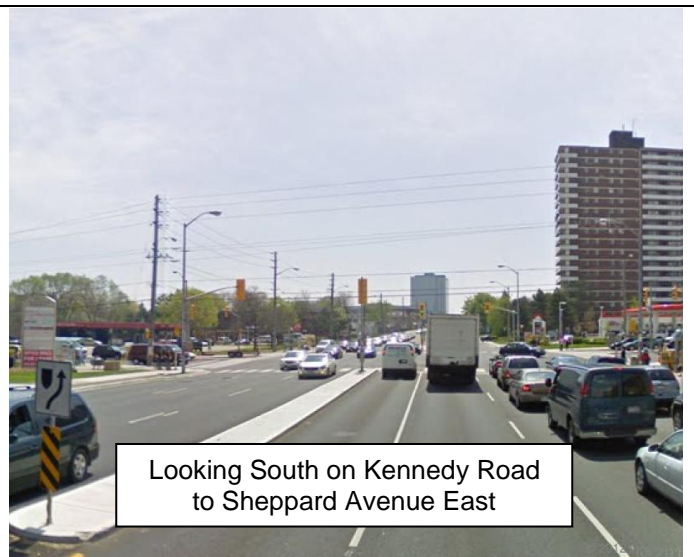


Kennedy Road – Sheppard Avenue East to Highway 401

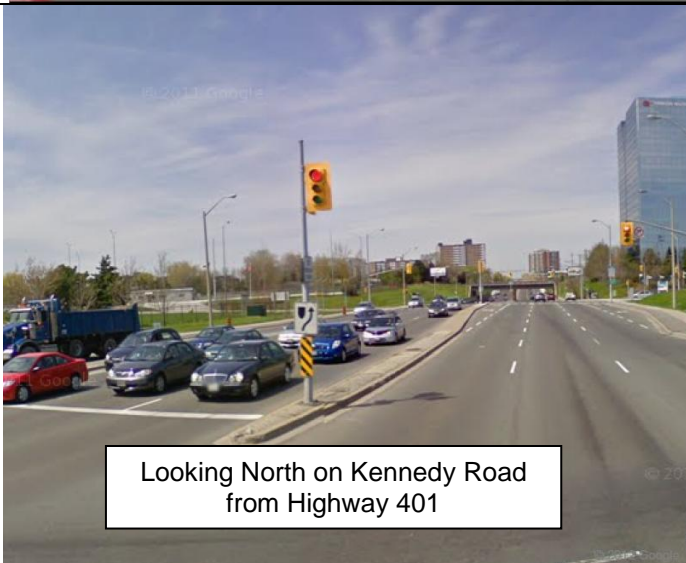
Kennedy Road from Sheppard Avenue to Highway 401 is located in the Scarborough District. The existing speed limit on Kennedy Road is 60 km/h. There are traffic control signals at Sheppard Avenue, Cowdray Court, Village Green Square, and both Highway 401 ramps. South of Village Green Square through the ramps, Kennedy Road is under the jurisdiction of the Minister of Transportation for Ontario.



Looking North on Kennedy Road to Sheppard Avenue East



Looking South on Kennedy Road to Sheppard Avenue East



Looking North on Kennedy Road from Highway 401



Looking South on Kennedy Road from Highway 401

Discussion of Issues

This signals are operated fixed time but with callable and extendable side-street and left-turn phases.

The corridor can become congested at Sheppard Avenue East southbound in the morning peak and northbound in the afternoon peak on week-days due to commuter traffic accessing Highway 401 to and from north of Sheppard Avenue.

History of Actions / Background

All signals have been identified for updated/increased pedestrian timing.

At Sheppard Avenue East, during recent construction special high-friction "SMA" pavement was installed in the Sheppard Avenue East intersection to enhance safety. A new northbound right-turn lane is being constructed as a mitigation measure for nearby residential development.

At Village Green Square, after the occupation of nearby residential development, pedestrian signal timings were updated/ increased and the southbound left-turn green arrow has been arranged to be activated 24/7.

Data and Analysis

Traffic Volume Information – 24 Hour Intersection volumes along Kennedy Road Corridor between Sheppard Avenue East and Highway 401 (assumption – 24 hour volume equals 2 x 8-hour volume):

Sheppard Avenue – 82,000 vpd

Cowdray Court – 50,000 vpd

Village Green Square – 57,000 vpd

Highway 401 North Ramp – 48,000 vpd

Highway 401 South Ramp – 49,000 vpd

Options for Consideration & Potential Benefits

Immediate options

- Upgrade pedestrian minimum timing to reflect current standards and activate southbound left-turn green arrow at Village Green Square 24/7

Near term options

- Currently conducting a corridor review along the larger Kennedy corridor to upgrade signal timing and coordination

Longer Term options

- With the Sheppard LRT, consider traffic responsive signal control at Kennedy to mitigate the impacts of the LRT operations and U-turn signal phasing.

Costs	Funding Source (Operating/Capital)
Immediate	2012 Operating Budget.
Near Term	2013 Operating Budget

Mid Term	n/a
Long Term	Capital