



Kennedy Road Watermain Project Update

**Presentation to
Town of Markham
Development Services Committee**

**Brian Wolf
March 1, 2011**

Presentation Summary

- ☐ Project Overview
- ☐ Construction Schedule
- ☐ Project Team
- ☐ Traffic Management
- ☐ Communication Plan

Project Overview

Construction of 1500 mm diameter watermain on Kennedy Road from Milliken Reservoir on 14th Avenue to Major Mackenzie Drive

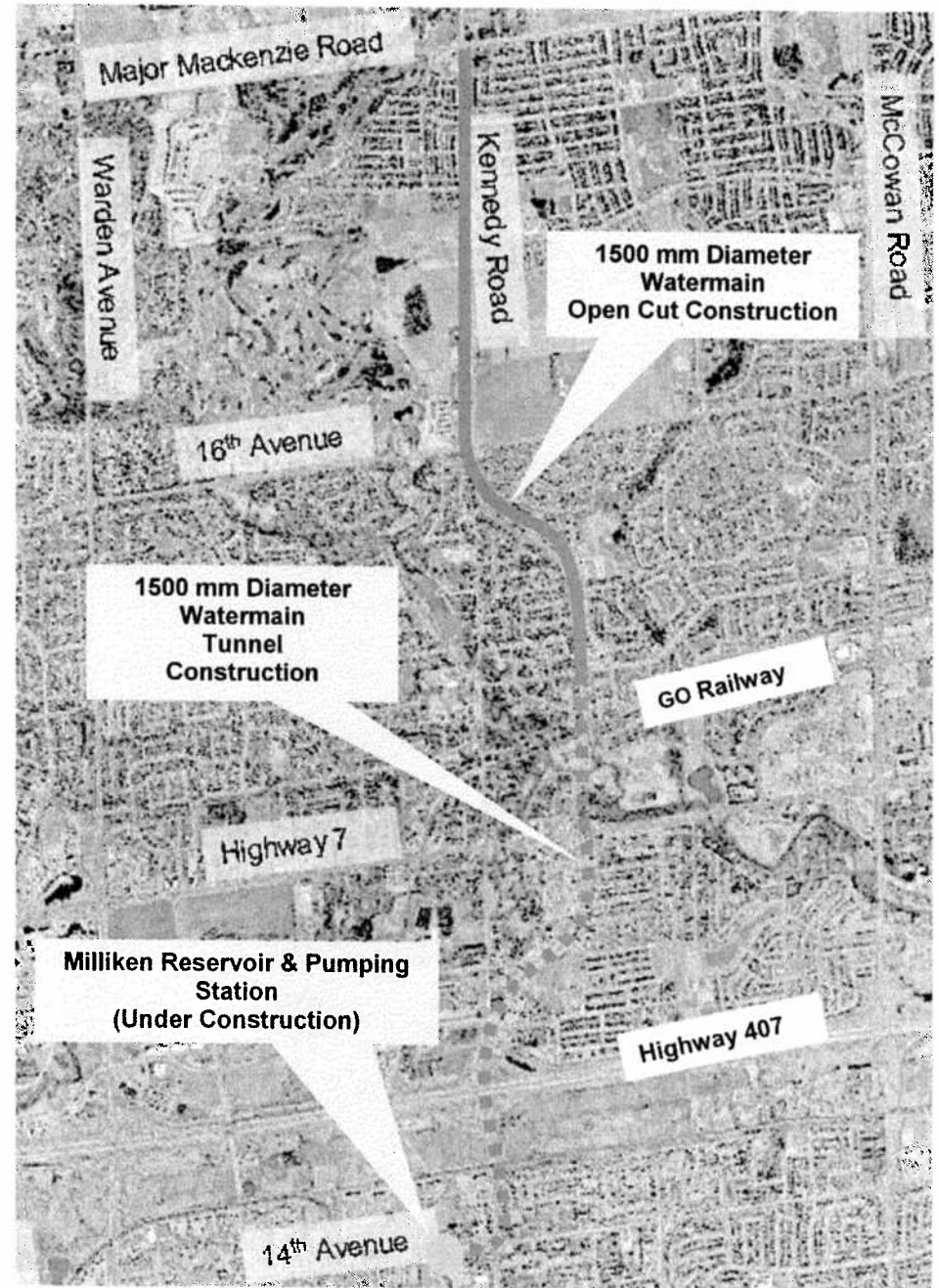
To be constructed under two separate contracts:

Contract No. T-10-63

Tunnel construction from Milliken Reservoir on 14th Avenue to GO Railway (north side)

Contract No. T-10-62

Open cut construction from GO Railway (north side) to Major Mackenzie Drive



Construction Schedule

March 2011

- ❑ Open cut construction commences

April 2011

- ❑ Tunnel construction contract tendered

June 2011

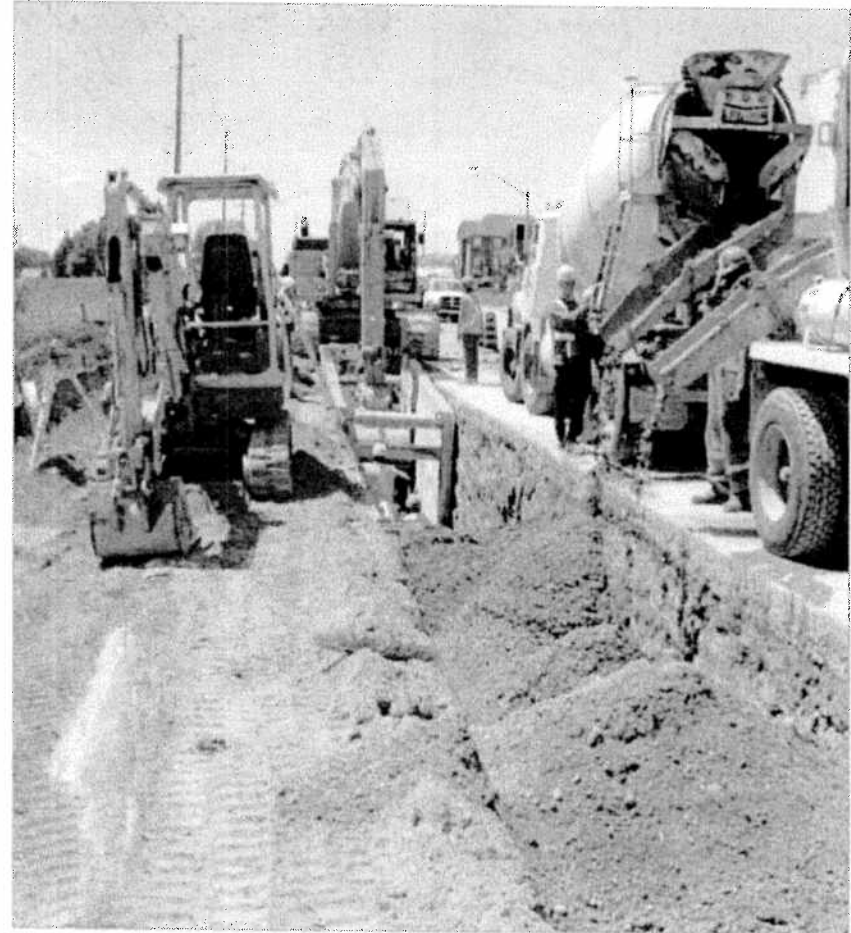
- ❑ Tunnel construction commences

February 2012

- ❑ Open cut construction completed

June 2012

- ❑ Tunnel construction completed



Project Team York Region

Harry Persaud

Project Manager

Brian Wolf

Manager, Engineering

Anthony Gagliardi

Project Technical Support

Dan Babensee

Construction Quality
Assurance

Project Team

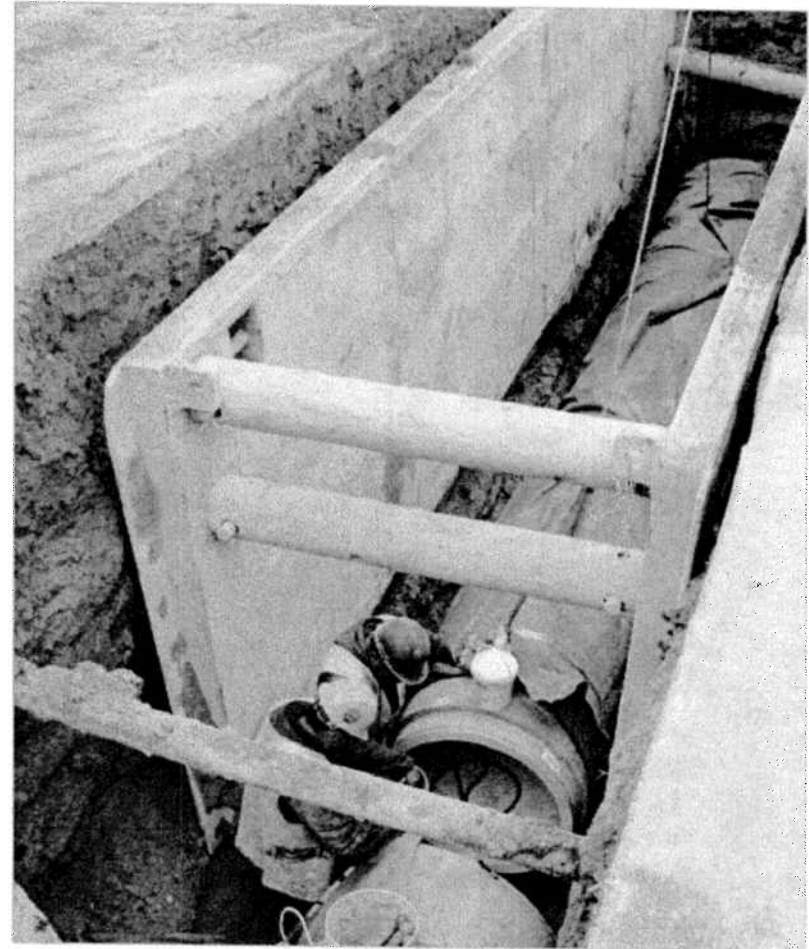
Construction Contractor

Open Cut Contract

- ❑ Pachino Construction Co. Ltd.
- ❑ Pre-qualified to bid on construction contract
- ❑ Lowest bidder out of 3 submitted bids – \$23.4M
- ❑ Well established in the Greater Toronto Area

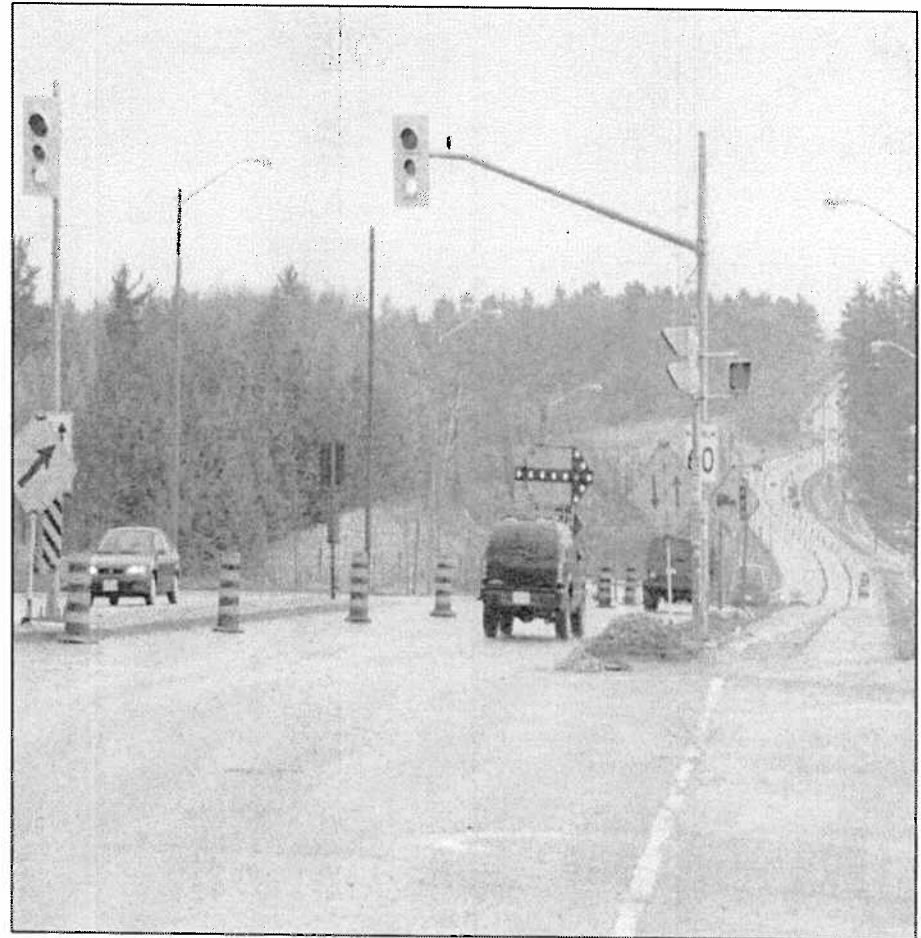
Tunnel Contract

- ❑ To be determined by way of pre-qualification & tender process



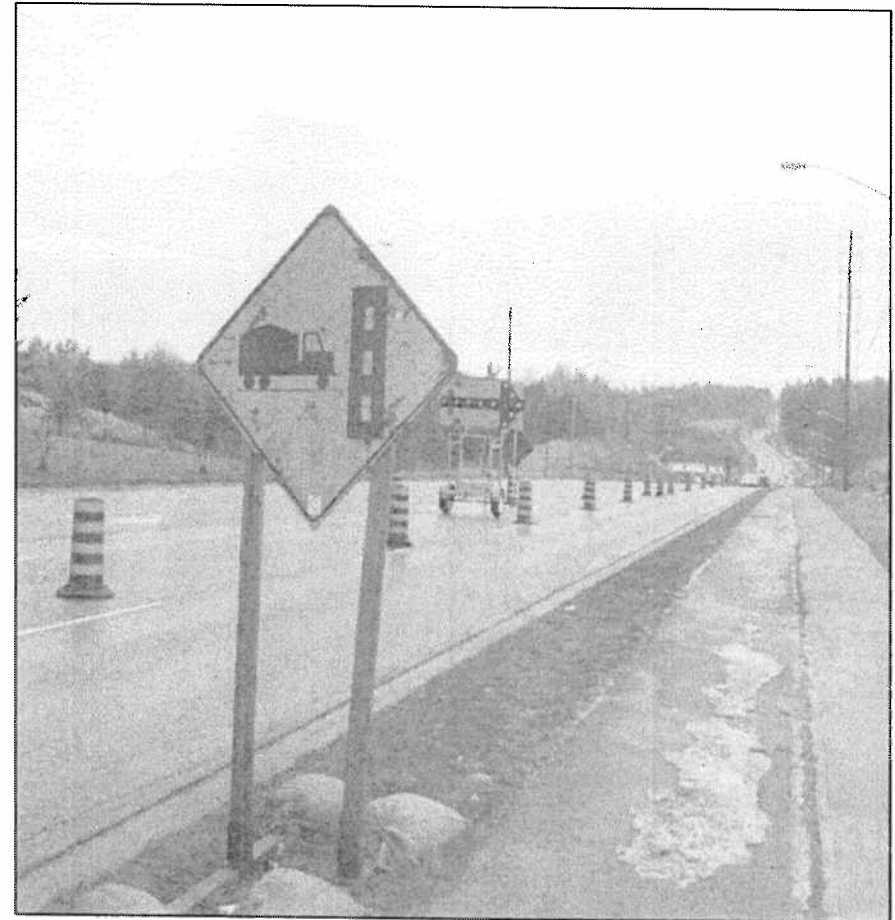
Traffic Management General Principles

- ❑ Generally two lanes of traffic in rush-hour direction
- ❑ Occasionally reduced to single lane of traffic in both directions – controlled by flagpersons
- ❑ Turning movements will be maintained at all times
- ❑ Access to businesses and residences will be maintained at all times
- ❑ Works temporarily impacting driveways will be coordinated with business/home owners
- ❑ “Pay-duty” police officers will be employed as required



Traffic Management Specific Requirements

- ☐ Southern half of project constructed by tunnel
- ☐ AM/PM lane shifting to ensure two lanes in “rush-hour” direction where possible
- ☐ Town of Markham Noise By-Law 2003-137 exemption obtained from August 2010 to July 2012, for the purpose of completing overnight (7pm to 7am) road crossings
- ☐ Markham staff fully engaged during design



Traffic Management Specific Requirements Cont...

AM/PM Lane Shifting:

- ☐ Generally, two lanes in south bound rush-hour direction - 7pm to 10 am
- ☐ Generally, two lanes in north bound rush-hour direction - 10am to 7pm
- ☐ Occasionally reduced to single lane in each direction

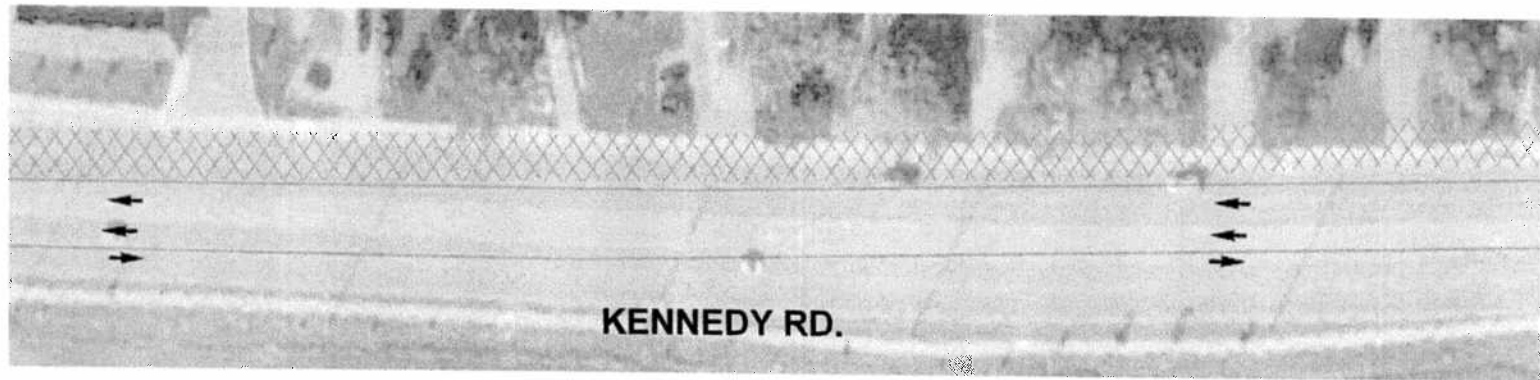
Local road crossings completed overnight (7pm to 7am):

- ☐ Carlton Road
- ☐ The Bridle Trail
- ☐ Birchview lane
- ☐ Bur Oak Avenue
- ☐ Castlemore Avenue

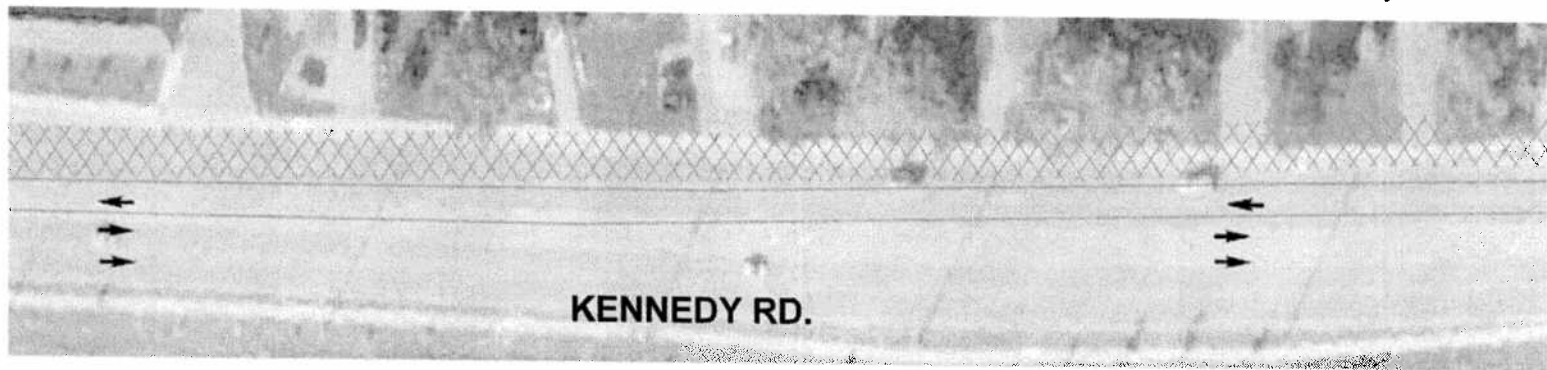
Local roads not crossed by watermain:

- ☐ Angus Glen Boulevard
- ☐ School House Road

AM/PM Lane Shifting



7:00 pm to 10:00 am



ACTIVE WORK ZONE

10:00 am to 7:00 pm

Local Road Crossings Weekend/Overnight - Stage1



Active Work Zone



1500 mm Watermain

Local Road Crossings Weekend/Overnight - Stage 2

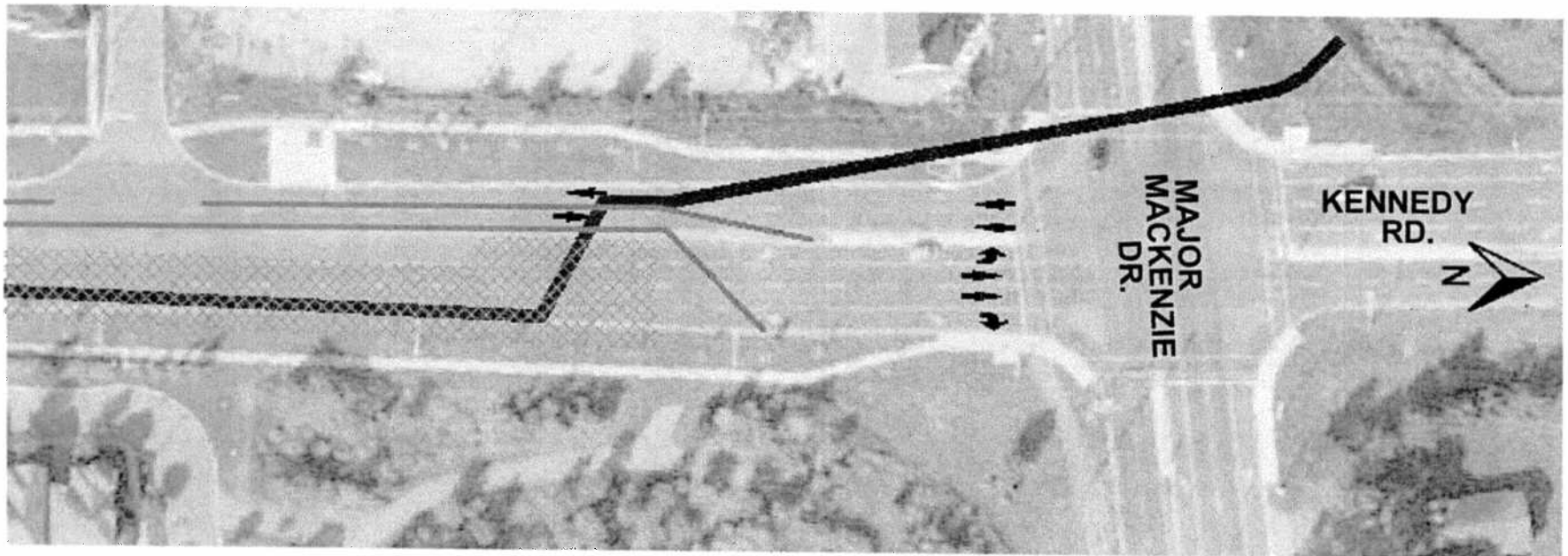


Active Work Zone



1500 mm Watermain

Kennedy Road Crossing South of Major Mackenzie Drive - Stage 1

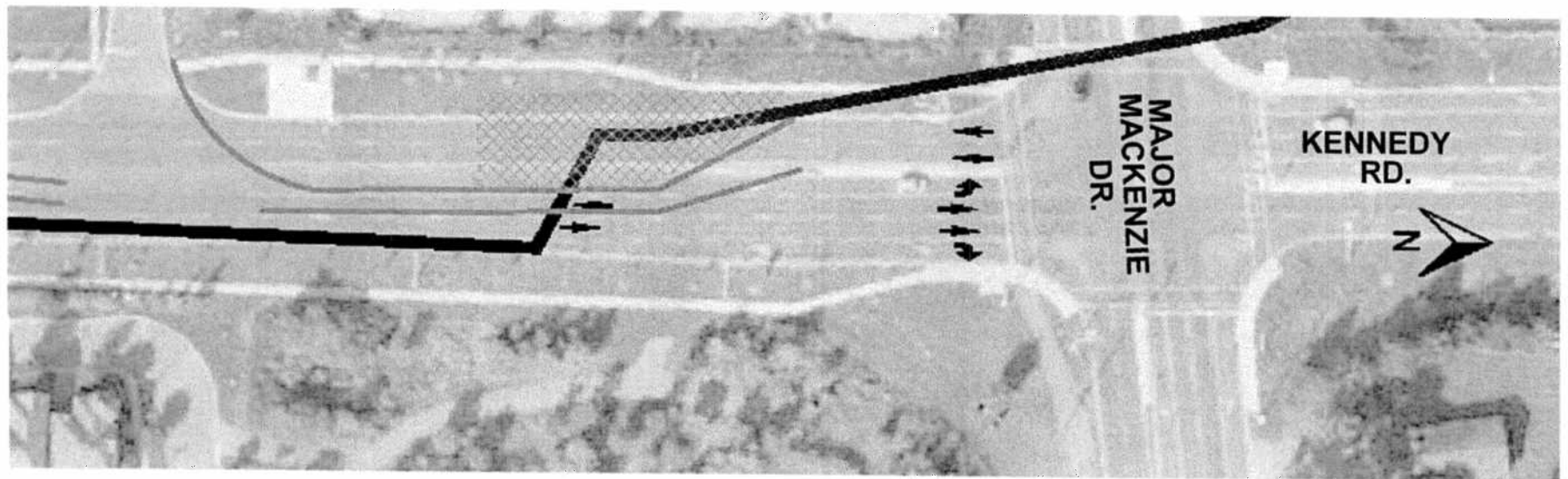


Active Work Zone



1500 mm Watermain

Kennedy Road Crossing South of Major Mackenzie Drive - Stage 2

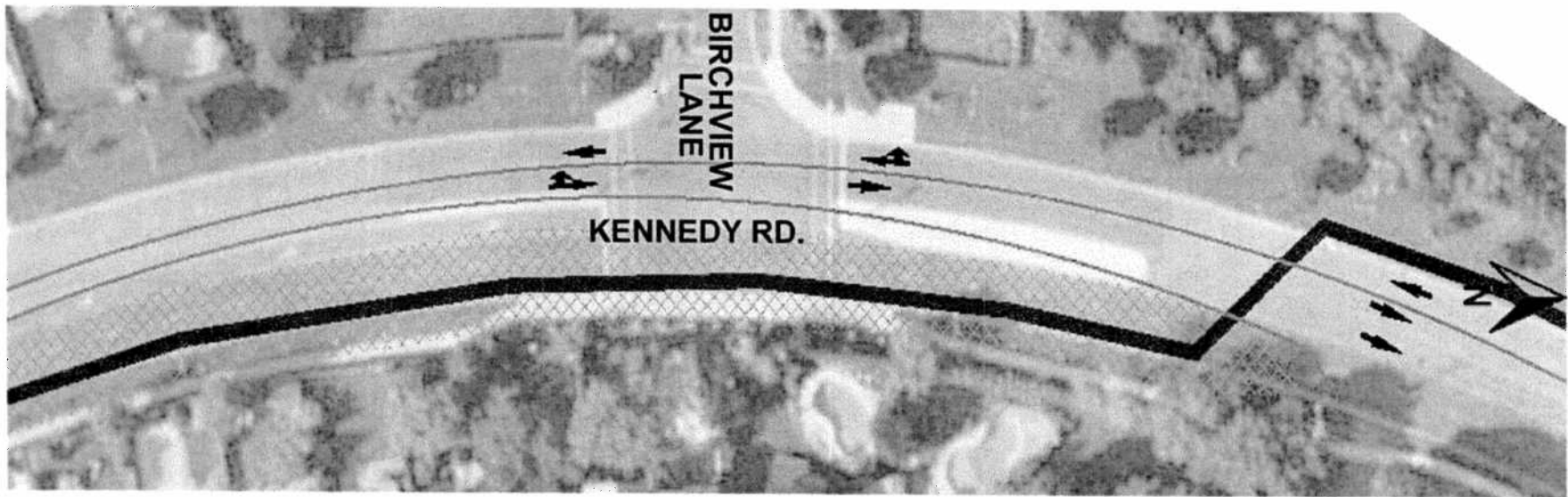


Active Work Zone



1500 mm Watermain

Kennedy Road Crossing North of Birchview Lane - Stage 1

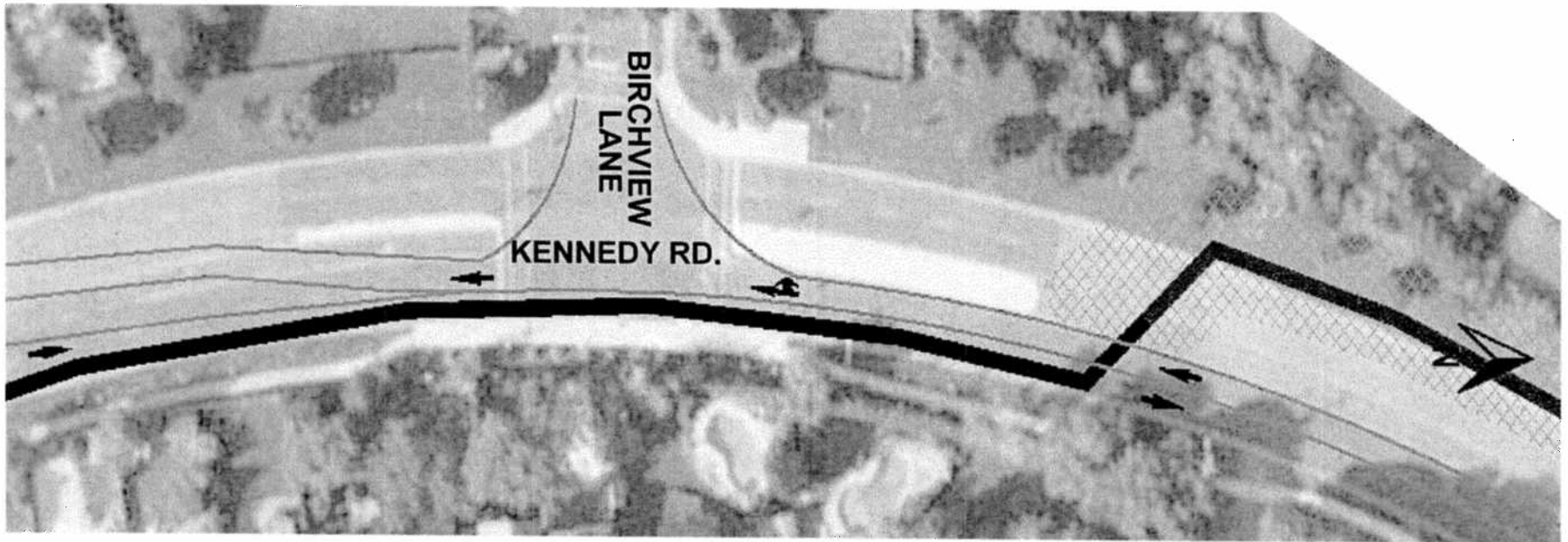


Active Work Zone



1500 mm Watermain

Kennedy Road Crossing North of Birchview Lane - Stage 2



Active Work Zone



1500 mm Watermain

Communications Plan

- ❑ Notice of Construction hand delivered to adjacent businesses and residences
- ❑ Public Information Centre (PIC) - March 22nd, 2011
- ❑ Notice of construction and PIC advertised in local papers
- ❑ Construction updates will be advertised in local papers and Town/Region websites
- ❑ Electronic sign boards
- ❑ Regular “One-on-One” and group meetings
- ❑ Town staff invited to all regular site meetings
- ❑ Construction contractor emergency 24/7 contact:
 - ❑ Paul Calleri - 416-708-6552

Thank you

Questions?