

PARK ROAD DRAINAGE IMPROVEMENTS

TOWN OF INNISFIL

PUBLIC INFORMATION CENTRE

JANUARY 22, 2020



WELCOME

THIS PUBLIC INFORMATION CENTRE WILL:

- identify the project purpose and objective
- detail the work area
- seek input & comments for consideration in final design
- establish channels of communication with public & stakeholders

PUBLIC & STAKEHOLDERS SHOULD:

- sign-in
- review presentation material
- direct questions to Town and/or Consultant
- submit comment sheet & indicate whether or not you want to be kept informed of the process



BACKGROUND

Park Road is a local road extending from 25th Side Road to Florence Road that is currently experiencing drainage issues:

- high Lake Simcoe water levels back water into the drainage ditches along Park Road
- culverts are damaged/buried and sediment build-up reduces capacity
- large external drainage area coming into Park Road



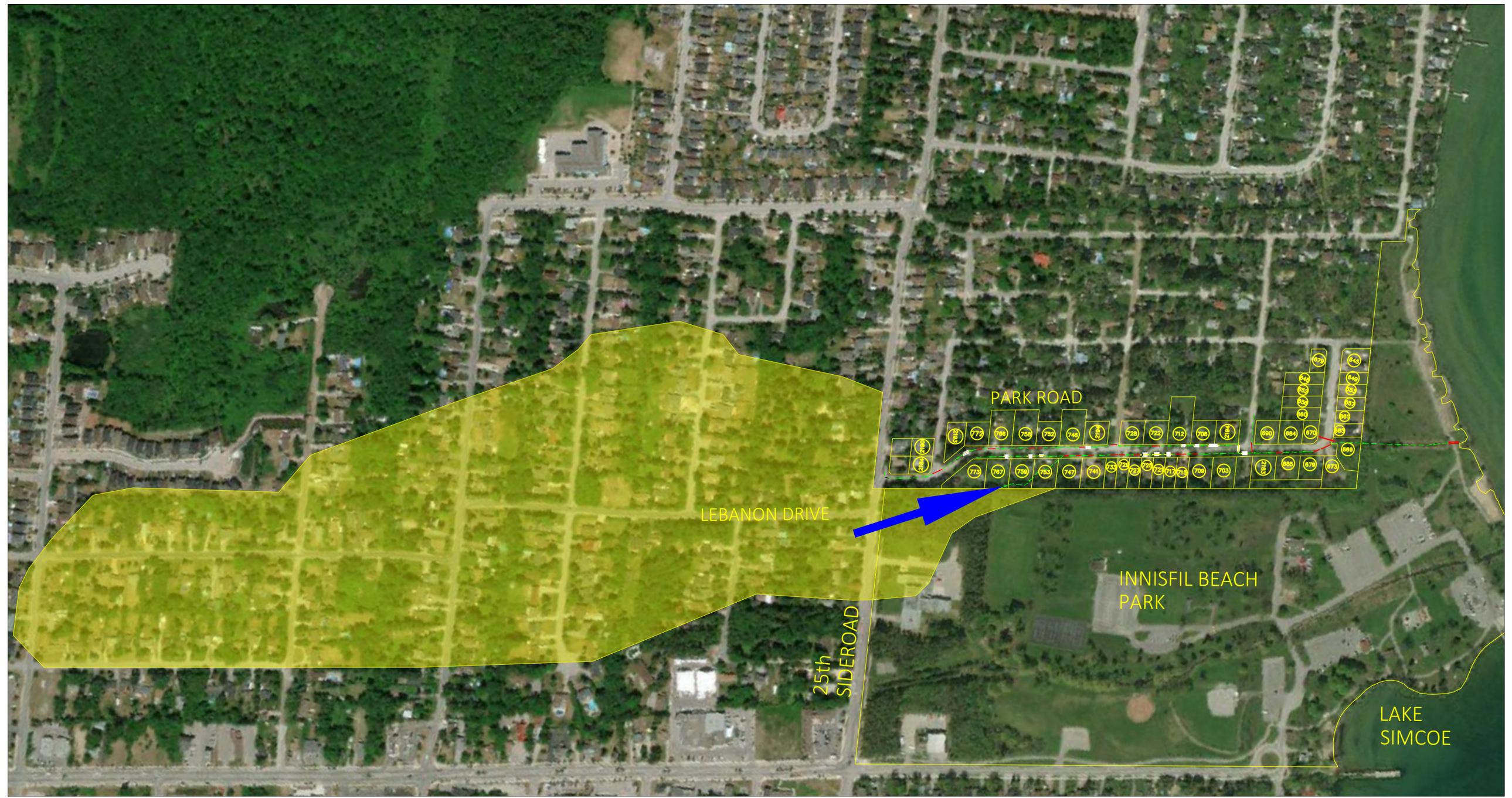
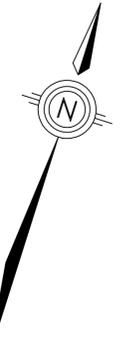
OBJECTIVE

Objectives of this project are to:

- improve drainage characteristics of existing ditches and culverts along Park Road
- reduce flows coming into Park Road



METRIC



LEGEND

- EXISTING CULVERTS
- CULVERTS TO BE REPLACED
- EXTERNAL DRAINAGE AREA (34 Ha)
- PARK ROAD DITCHES

PARK ROAD DRAINAGE IMPROVEMENTS - EXISTING CONDITION



PARK ROAD DRAINAGE IMPROVEMENT OPTIONS

1. DO NOTHING

- Conditions exist as-is

2. UPGRADE DITCHES ALONG PARK ROAD ONLY

- Improved drainage characteristics, but flow from the external area will continue to flow through Park Road

3. DIVERSION & RAISING OF DITCH ALONG PARK ROAD

- Flows to Park Road will be significantly less
- Ditches can be shallower but will impact many driveways
- Cover over driveway culverts will be minimal

4. DIVERSION & MAINTAIN CURRENT DITCH DEPTH ALONG PARK ROAD

- Flows to Park Road will be significantly less
- Ditches/culverts will be graded/replaced as required
- Less driveways impacted and proper cover will be provided for culverts

DESCRIPTION OF PROPOSED WORKS

Part 1: New Diversion Open Channel and Existing Outfall Channel to Lake Simcoe

- Install and maintain temporary erosion and sediment controls
- Construct diversion open channel through Innisfil Beach Park
- Re-grade outfall channel to Lake Simcoe
- Grading works to divert external drainage area into the new open channel
- Tree removals and protection as required throughout

Part 2 - Park Road Ditch and Culvert Works

- Install and maintain temporary erosion and sediment controls
- Ditch re-grading and culvert replacement on north and south side of Park Road
- Stabilization and restoration of work area on a weekly-basis until completion of works
- Town standards does not utilize culvert headwall. New culverts will utilize 3:1 slopes from edge of driveway.

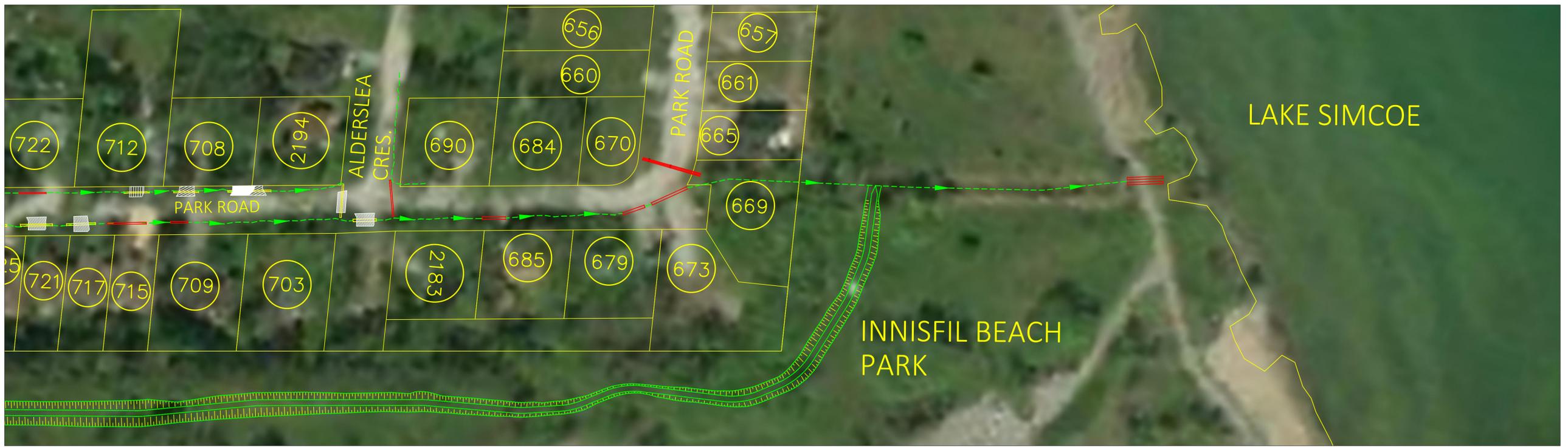
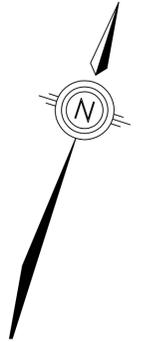


POTENTIAL IMPACTS DURING CONSTRUCTION

- Work is planned during summer months
- Portions of Innisfil Beach Park will be closed off for new open channel
- Access to Innisfil Beach Park through Alderslea will be limited
- One soccer field on the park will be closed
- Culvert replacement on Park Road and Alderslea Crescent may require traffic through Park Road to be re-routed. Road will be restored upon completion of crossing to minimize disruption
- All properties affected by culvert replacements will have their driveways re-instated on the same day to ensure no disruption to residents

Affected Innisfil Beach Park Area



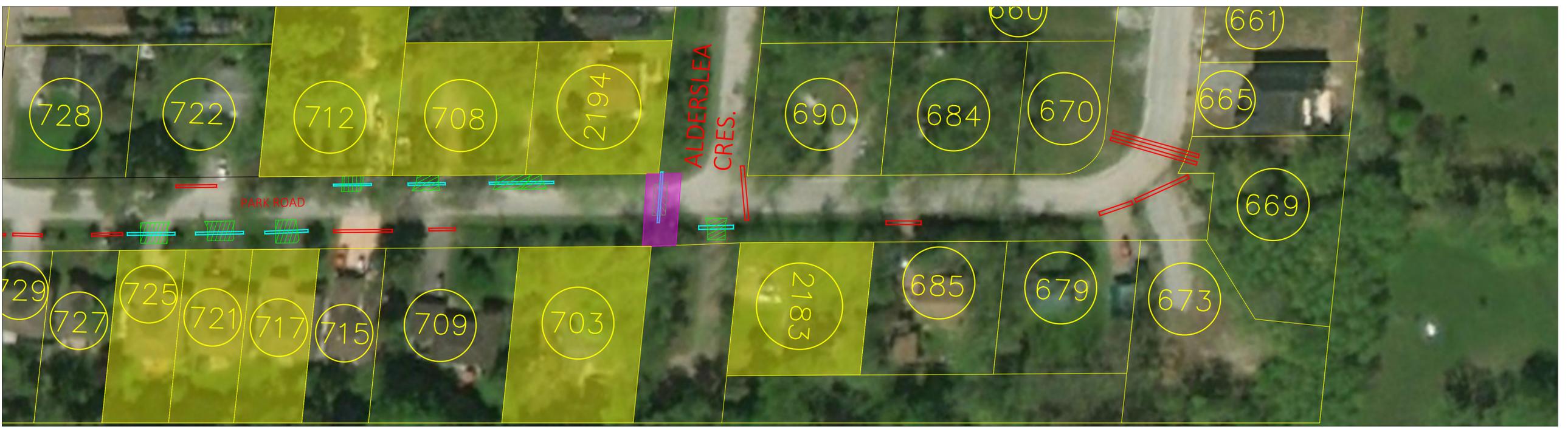
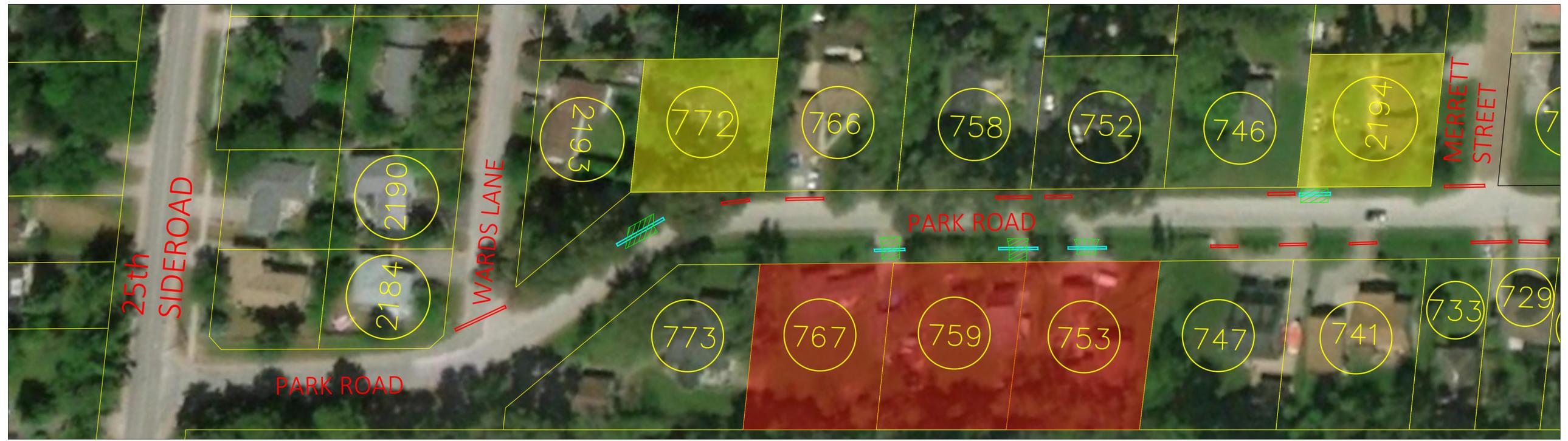
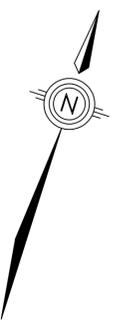


LEGEND

- EXISTING CULVERTS
- PROPOSED OPEN CHANNEL
- DRIVEWAY/ROAD TO BE RESTORED
- CULVERTS TO BE REPLACED
- PARK ROAD DITCHES

PARK ROAD DRAINAGE IMPROVEMENTS - KEY PLAN





LEGEND

- EXISTING CULVERTS
- CULVERTS TO BE REPLACED
- IMPACTED PROPERTIES
- IMPACTED DRIVEWAYS
- DRIVEWAYS TO BE REPLACED
- IMPACTED SECTION OF PARK ROAD

PARK ROAD DRAINAGE IMPROVEMENTS - IMPACTED AREAS



772 PARK ROAD

Replace and extend 400mm Culvert and restore driveway



2194 MERRETT STREET

METRIC



Replace 400mm Culvert and restore driveway



712 PARK ROAD



Replace and extend 400mm Culvert and restore driveway



708 PARK ROAD

METRIC



Replace, extend & upgrade with 500mm Culvert and restore driveway



2194 ALDERSLEA CRES. & 708 PARK ROAD

767 PARK ROAD

METRIC



Replace, extend & upgrade to 500mm Culvert and restore driveway



Replace, extend & upgrade to 400mm Culvert, remove headwall and restore driveway



759 PARK ROAD



**Replace and extend
400mm Culvert, remove
headwall and restore
driveway**



753 PARK ROAD

METRIC



**Replace and extend
400mm Culvert, and
restore driveway**



725 PARK ROAD

Replace, extend & upgrade to 600mm Culvert, remove headwall and restore driveway



721 PARK ROAD

METRIC



Replace and extend 600mm Culvert, remove headwall and restore driveway



717 PARK ROAD

2183 ALDERSLEA CRES. & 703 PARK ROAD

METRIC



**Replace and extend
600mm Culvert, and
restore driveway**

**Replace and extend
830x660mm Culvert,
remove headwall, and
restore driveway**



PROJECT SCHEDULE

Estimated project schedule is as follows:

- March 2020: Arborist Report and Tree Removals
- April 2020: Finalize design, drawings and contract documents; obtain permits and approvals
- May 2020: Issue contract document for public tender
- June 2020: Review tender submissions and award contract to a General Contractor
- July 2020: Construction to begin
- October 2020: Construction complete



NEXT STEPS

1. Review and address comments received from public meeting
2. Complete project file report
3. Finalize design, drawings and contract documents
4. Obtain relevant permits and approvals
5. Construction planned for Summer of 2020

If you have more questions, please contact the Town or KSGS Engineering:

CONTACTS

Ms. Amber Leal, C.E.T

Capital Project Manager, Town of Innisfil

2101 Innisfil Beach Road.

Innisfil, ON L9S 1A1

Phone: 705-436-3740 Ext. 3246

Email: aleal@innisfil.ca



Mr. Ken Chow, P. Eng

Project Manager, KSGS Engineering

470 Hensall Circle

Mississauga, ON L5A 3V4

Phone: 416-818-6180

Email: ken.chow@ksgsengineering.com

