



Portsmouth Redirect and Front Road Watermain Interconnect

PDCA Meeting Project Update

Feb 23, 2020

Project Phases & Timing



- Phase 1 – Invista Easement
 - Water service and forcemain to Cataraqui Bay WWTP, completed in 2018
- Phase 2 – Linear Works
 - Tender on Biddingo, closing March 25, 2020
 - Construction - Spring 2020 with substantial completion for December 31, 2021.
 - Construction anticipated year round (i.e. winter work)
- Phase 3 – Pump Station
 - Tender early 2021 with construction in late 2021/early 2022

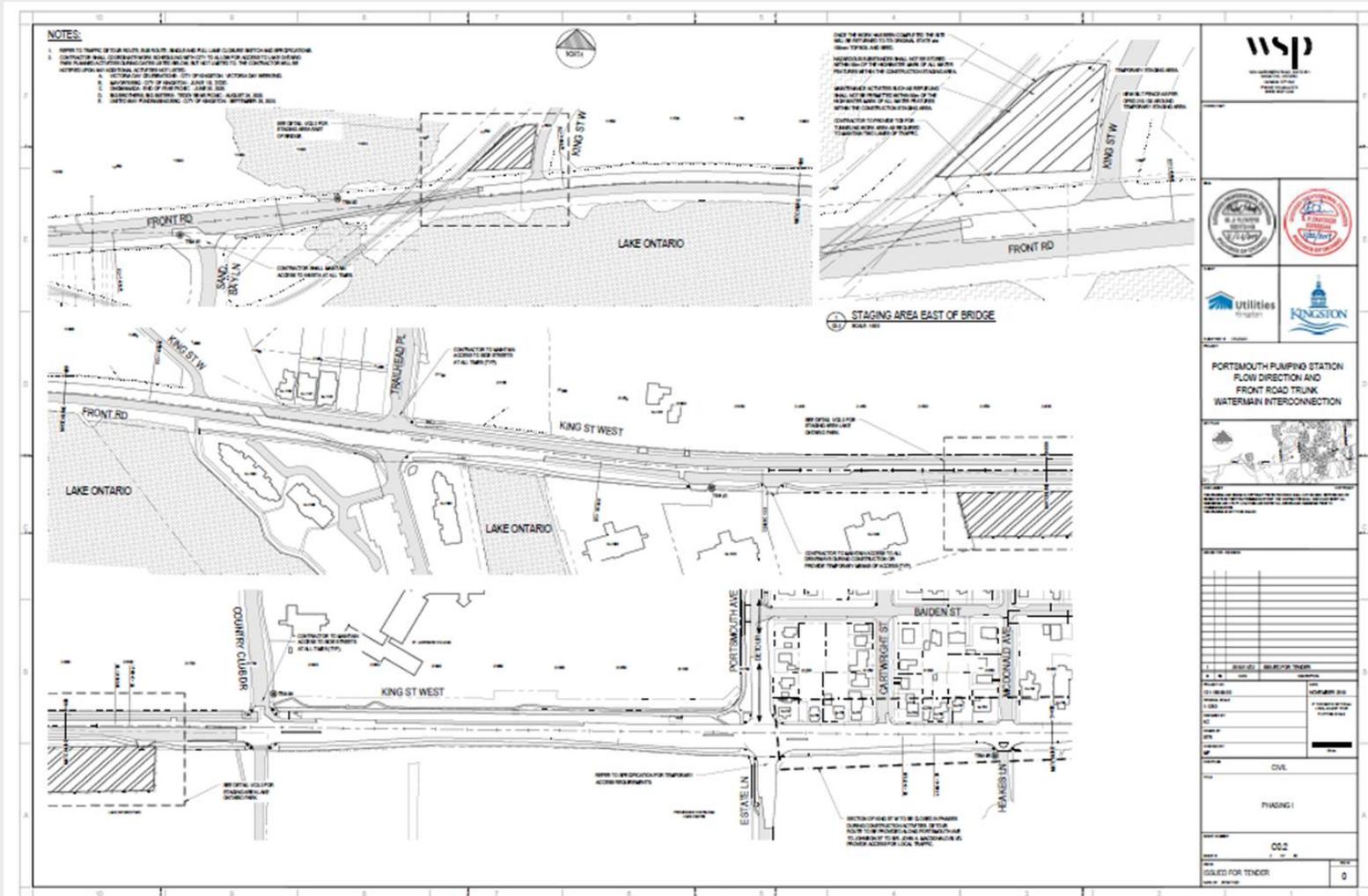
Project Scope



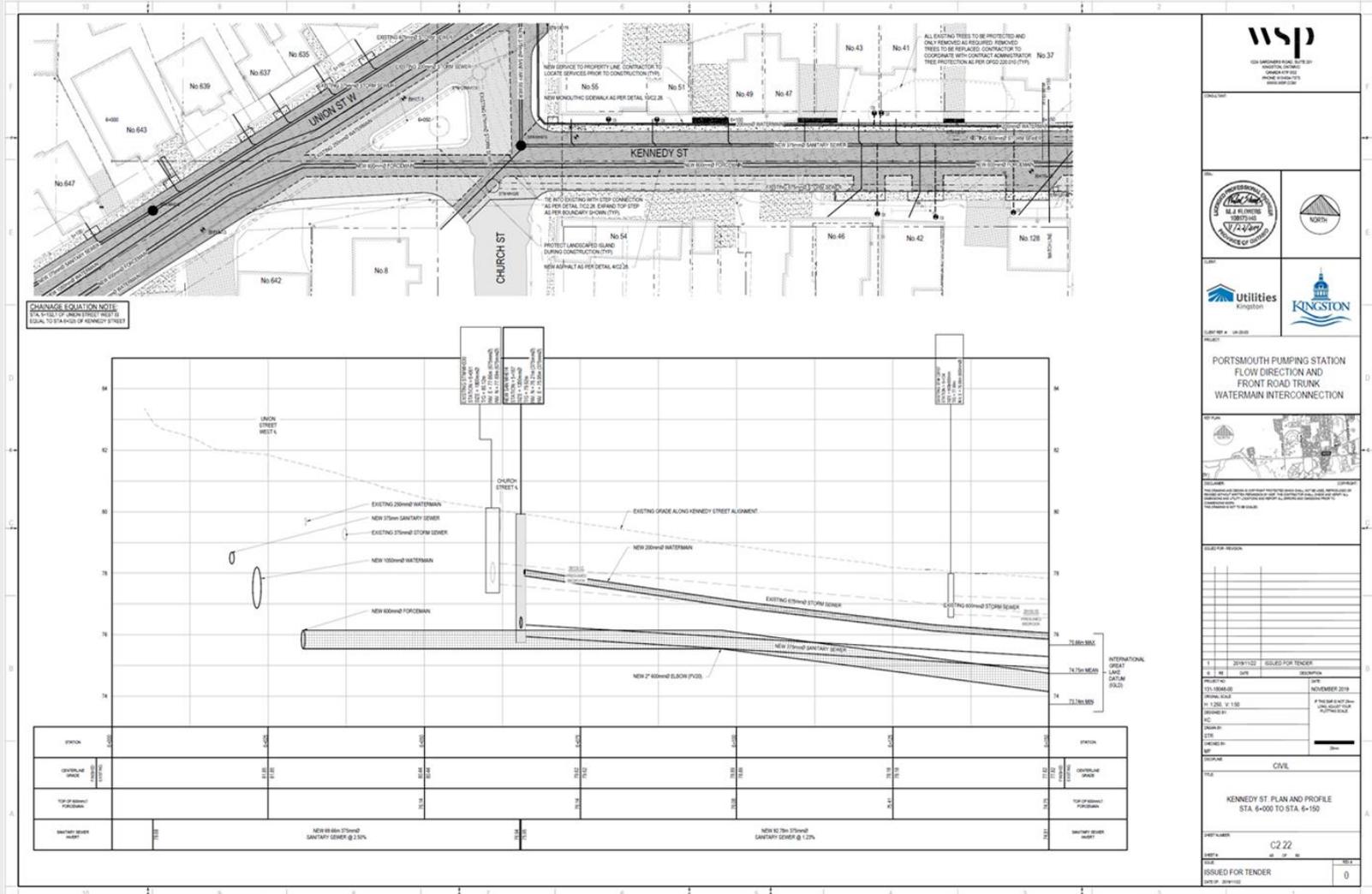
Phase 2 Linear Works Projects

- Construct Forcemain to Cat Bay
- Interconnect of the 1050mm watermain
- King Street West Collector Sewer
- Union/Church/Kennedy Local Sewer
- Kennedy Street local watermain
- City of Kingston Active Transportation & Intersection Improvements

General Overview



The Triangle



wsp
 WSP CONSULTANTS INC.
 100 UNIVERSITY AVE. 2ND FL.
 KINGSTON, ONTARIO
 K7L 3V6
 PHONE: 613-335-1100
 WWW.WSP.CA

Utilities Kingston
KINGSTON

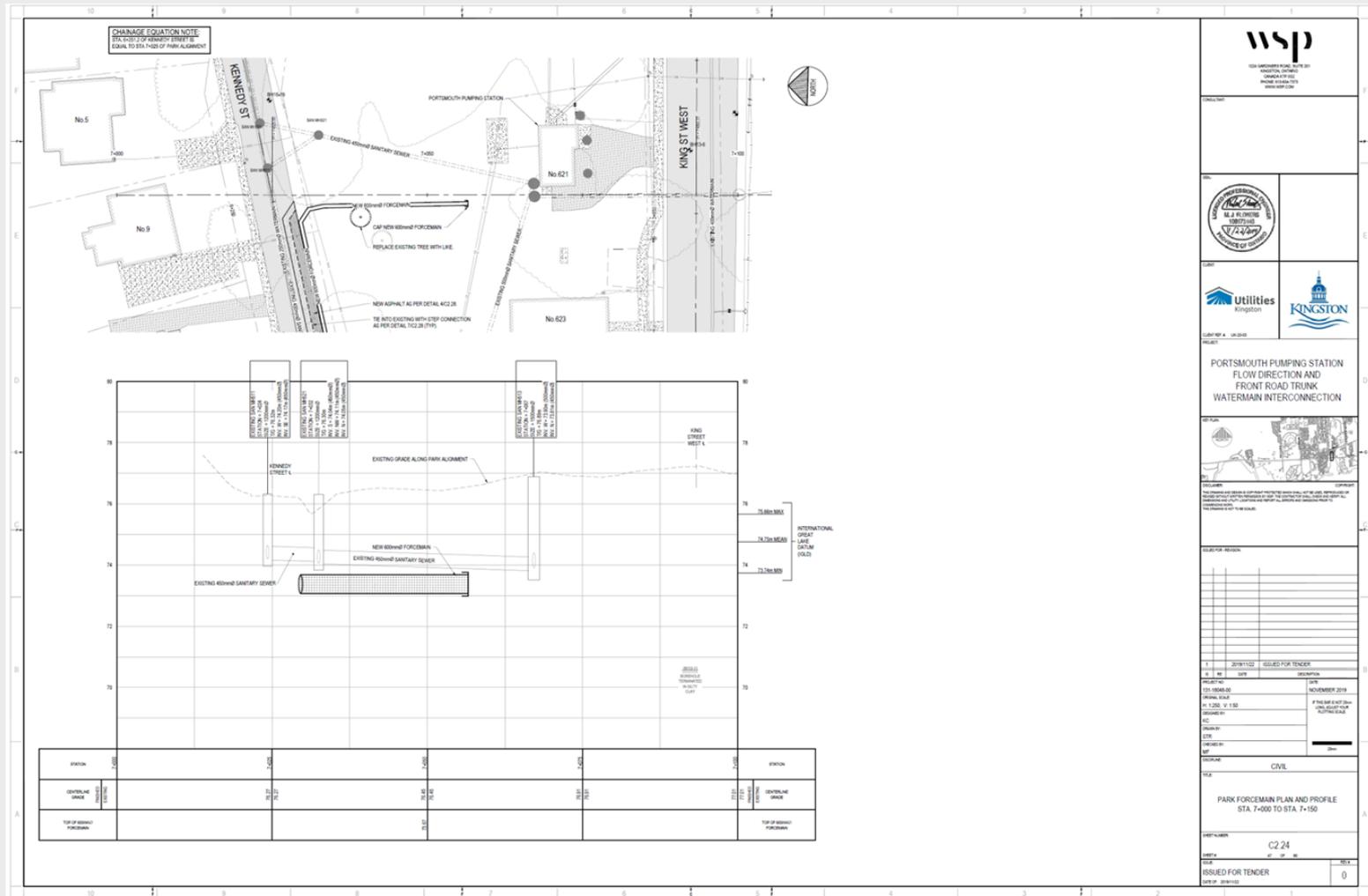
PORTSMOUTH PUMPING STATION
 FLOW DIRECTION AND
 FRONT ROAD TRUNK
 WATERMAIN INTERCONNECTION

NOVEMBER 2019

C222

ISSUED FOR TENDER

Aberdeen Park



wsp
 100 SANDHURST ROAD, WEST 201
 MISSISSAUGA, ONTARIO
 L4W 5G1
 905.881.1111
 WWW.WSP.CA

Professional Engineer
 M. R. BENTON
 CIVIL
 REG. NO. 12249
 PROVINCE OF ONTARIO

Utilities Kingston

CITY OF KINGSTON

PROJECT
 PORTSMOUTH PUMPING STATION
 FLOW DIRECTION AND
 FRONT ROAD TRUNK
 WATERMAIN INTERCONNECTION

DATE
 2019/11/02 ISSUED FOR TENDER

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'

DATE
 NOVEMBER 2019

PROJECT NUMBER
 C2 24

ISSUED FOR TENDER
 0

Traffic & Detours



- West of Portsmouth Avenue
 - Traffic One Lane each direction
- In Portsmouth Ave/King St West Intersection
 - Temporary Access to Providence Care Hospital
- East of Portsmouth Avenue
 - Closure of King Street West from Portsmouth to Mowat
 - Detour Through Traffic north on Portsmouth to Johnson and SJAM
 - Reconfigure Mowat/Union/King West intersection for through traffic
 - Transit/Express Buses detoured to Baiden Street (traffic calming measures?)
- Union Street, Kennedy Street
 - Localized closures as construction advances
- Union Street & SJAM Intersection
 - Localized lane reductions

Private Service Replacements



- King Street West Collector Sewer and Union/Church/Kennedy Sewer
 - Project is to replace the sanitary sewer laterals to the property line.
- Sections of King Street West and Kennedy Street
 - Project is to replace water services to the property line (curb stop).
- The remaining length of water and sewer service connection pipes between your residence (or business) and the property line are the responsibility of the property owner and will not be replaced by Utilities Kingston. Property owners may wish to take this opportunity to make private arrangements with the contractor to replace services within their property during the construction project.

Further Coordination



- Pre-construction coordination will be arranged once a contractor is on board.
 - Service impacts and outages
 - Local Traffic restrictions & parking
 - Garbage/recycling, etc.
- City traffic reports and updates through social media and the project website.

Project Information



Project Web Page

<https://utilitieskingston.com/Projects/Detail/PortsmouthPumpingStation>

Utilities Kingston Contact

Robert McLachlan, P.Eng.

Utilities Engineer

P: 613-546-1181 x.2339

rmclachlan@utilitieskingston.com