

NO: R091

COUNCIL DATE: May 9, 2022

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **May 4, 2022**

FROM: **General Manager, Engineering**

FILE: **2320-20**

SUBJECT: **Award of Contract No. 1220-040-022-018  
Storm Sewer Video Inspection Program**

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## RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1220-040-2022-018 to C3 Mainline Inspections Inc. for the first term of the Storm Sewer Video Inspection Program in the amount of \$274,010.66 (including GST);
2. Approve the option to extend Contract No. 1220-040-2022-018 for two additional one-year terms, at the City's sole discretion, in the amount of \$250,927.11 (including GST) for year 2 and \$224,616.45 (including GST) for year three;
3. Set the expenditure authorization limit for Contract No. 1220-040-2022-018 at \$300,000 (including GST and contingency) for each year; and
4. Authorize the General Manager, Engineering to execute Contract No. 1220-040-2022-018 and approve two optional one-year term extensions for Contract No. 1220-040-2022-018 within the approved annual authorization expenditure limits.

## INTENT

The intent of this report is to seek Council approval to award Contract No. 1220-040-2022-018 to C3 Mainline Inspections Inc. for storm sewer video inspection services for 2022, with options for the City to extend the contract for two additional one-year terms at the City's sole discretion.

## BACKGROUND

This contract involves the supply and delivery of labour, material and equipment for the video inspection of storm sewer mains and manholes of the City's storm sewer system, as illustrated on the maps attached as Appendix "I", "II" and "III".

The annual contract work is necessary to ensure the storm sewer system is operating efficiently, to reduce the risk of emergency responses and to extend the life of the system by correcting the observed defects and deficiencies.

The inspections will focus on infrastructure of higher risk and significant age to identify structural, operational and maintenance defects and deficiencies that can adversely impact the operations of the City's storm sewer system, resulting in flooding, back-ups, and related liability to the City. In addition, the inspections will aid in formulating storm sewer replacements and rehabilitation for aging and failing infrastructure before complete failures occur.

## DISCUSSION

In accordance with the Purchase and Expenditure Authorization Bylaw, a Request for Quotations was posted for the subject Contract on BC Bid and City websites. Quotations for the subject Contract were opened on March 24, 2022, with the following results:

|   | <b>Contractor</b>                     | <b>1<sup>st</sup> year<br/>Quotation<br/>Including<br/>GST</b> | <b>2<sup>nd</sup> year<br/>Quotation<br/>Including<br/>GST</b> | <b>3<sup>rd</sup> year<br/>Quotation<br/>Including<br/>GST</b> | <b>3 Year Total<br/>Including<br/>GST</b> |
|---|---------------------------------------|--|--|--|---|
| 1 | C3 Mainline Inspections Inc.          | \$274,010.66   | \$250,927.11   | \$224,616.45   | \$749,554.22                              |
| 2 | Rapid Sewer Data Corp.                | \$301,543.70   | \$277,989.82   | \$256,168.21   | \$835,701.73                              |
| 3 | Aquatech Canadian Water Services Inc. | \$352,140.15   | \$332,948.31   | \$299,621.25   | \$984,709.71                              |
| 4 | Mar-Tech Underground Services Ltd.    | \$1,313,986.20   | \$1,215,385.89   | \$1,150,873.06   | \$3,680,245.15                            |

The City's pre-quotation estimate was \$912,731.05 (including GST) for the cumulative three-year total of the Contract.

## EVALUATION

The evaluation team, including staff from both the Engineering Department and Finance Department, reviewed the quotations for accuracy and completeness.

C3 Mainline Inspections Inc. submitted the lowest quotation and was fully compliant with the contract specifications. A review of references provided by C3 Mainline Inspections Inc. for video inspection work has indicated their past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that C3 Mainline Inspections Inc. be awarded Contract No. 1220-040-2022-018.

## SUSTAINABILITY CONSIDERATIONS

The work of this contract supports the objectives of the City's Sustainability Charter 2.0. In particular, the services that will be performed under this contract relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this contract supports the following Desired Outcome ("DO") and Strategic Direction ("SD"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable, and long lasting, and are effectively integrated into regional systems; and
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair.

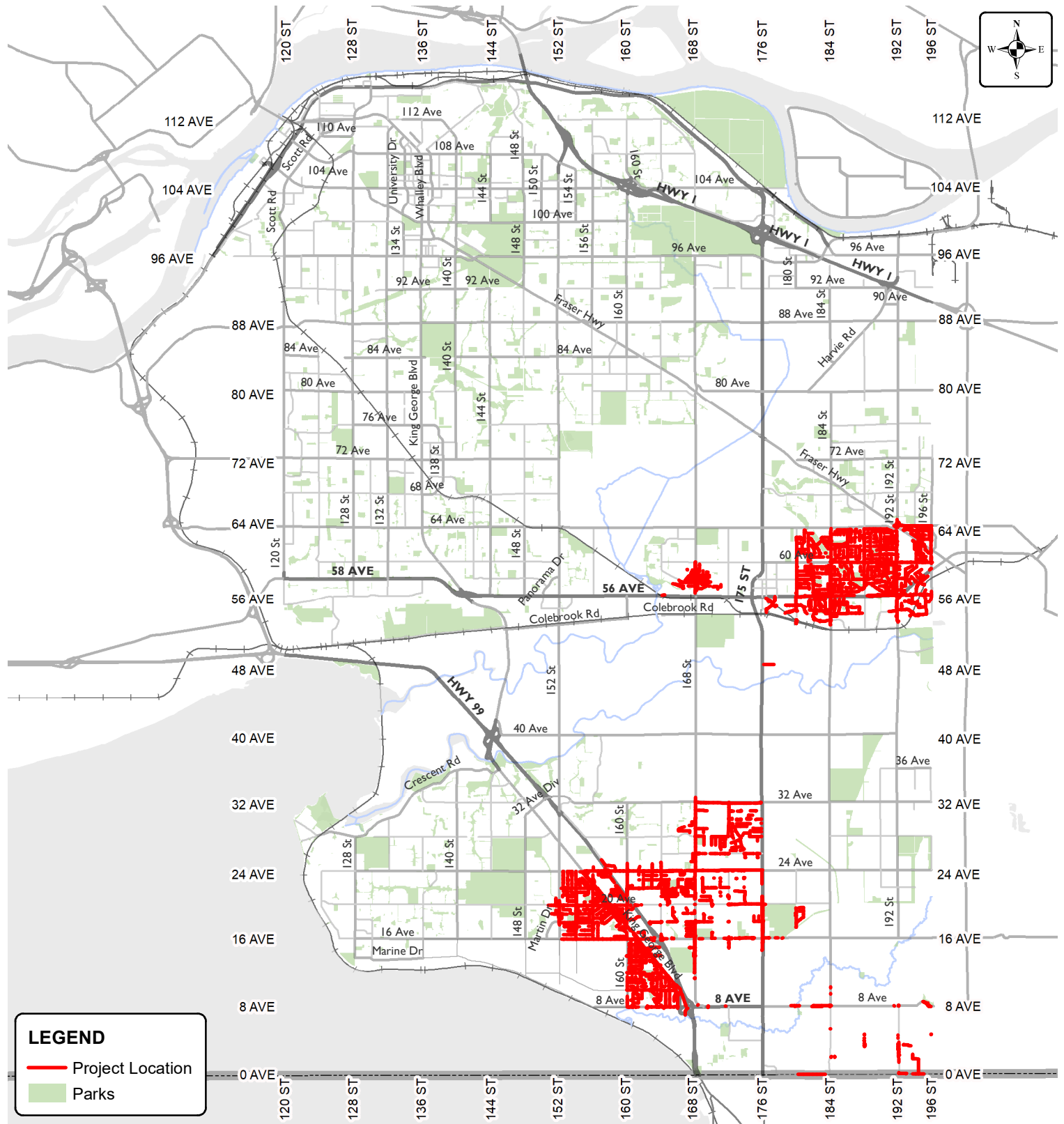
## FUNDING

Funding for this activity is available under the 2022 Drainage Utility Operating Budget.

Scott Neuman, P.Eng.  
General Manager, Engineering

Appendix "I": Year 1 Inspection Location Map  
Appendix "II": Year 2 Inspection Location Map  
Appendix "III": Year 3 Inspection Location Map

# APPENDIX "I"



Produced by GIS Section: 27-Apr-2022

Scale: 1:125,000 0 1,000 M



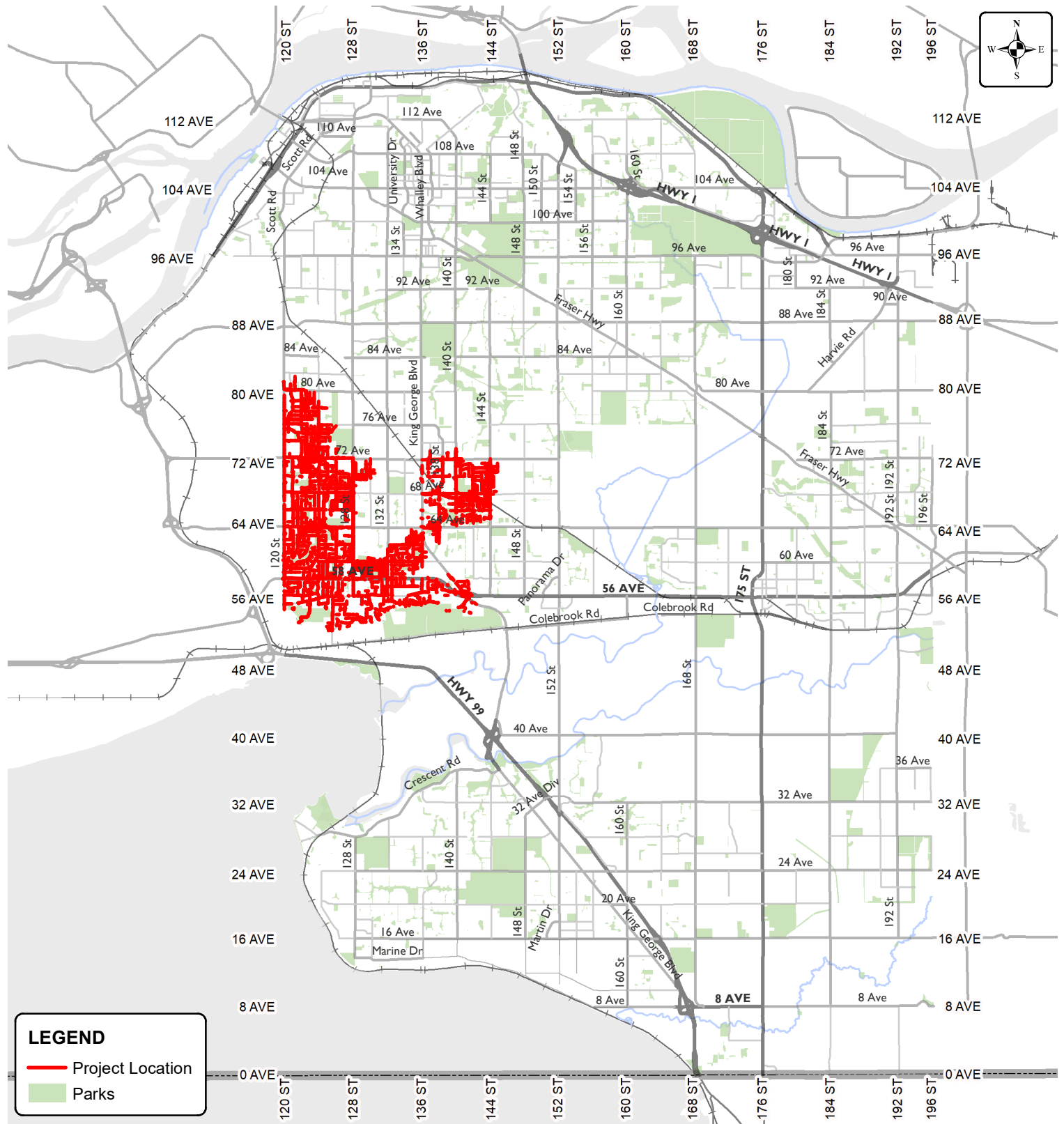
**Contract No.**  
**1220-040-022-018**  
**Year 1 Inspection Location**

**ENGINEERING  
DEPARTMENT**

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey.  
This information is provided for information and convenience purposes only.  
Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.

Source:  
G:\MAPPING\GIS\Maps\CorporateReps\Operations\UJR\_engOpsTerm1InspectionLocationMap\_TA\_API.mxd

# APPENDIX "II"



Produced by GIS Section: 27-Apr-2022

Scale: 1:125,000 0 1,000 M



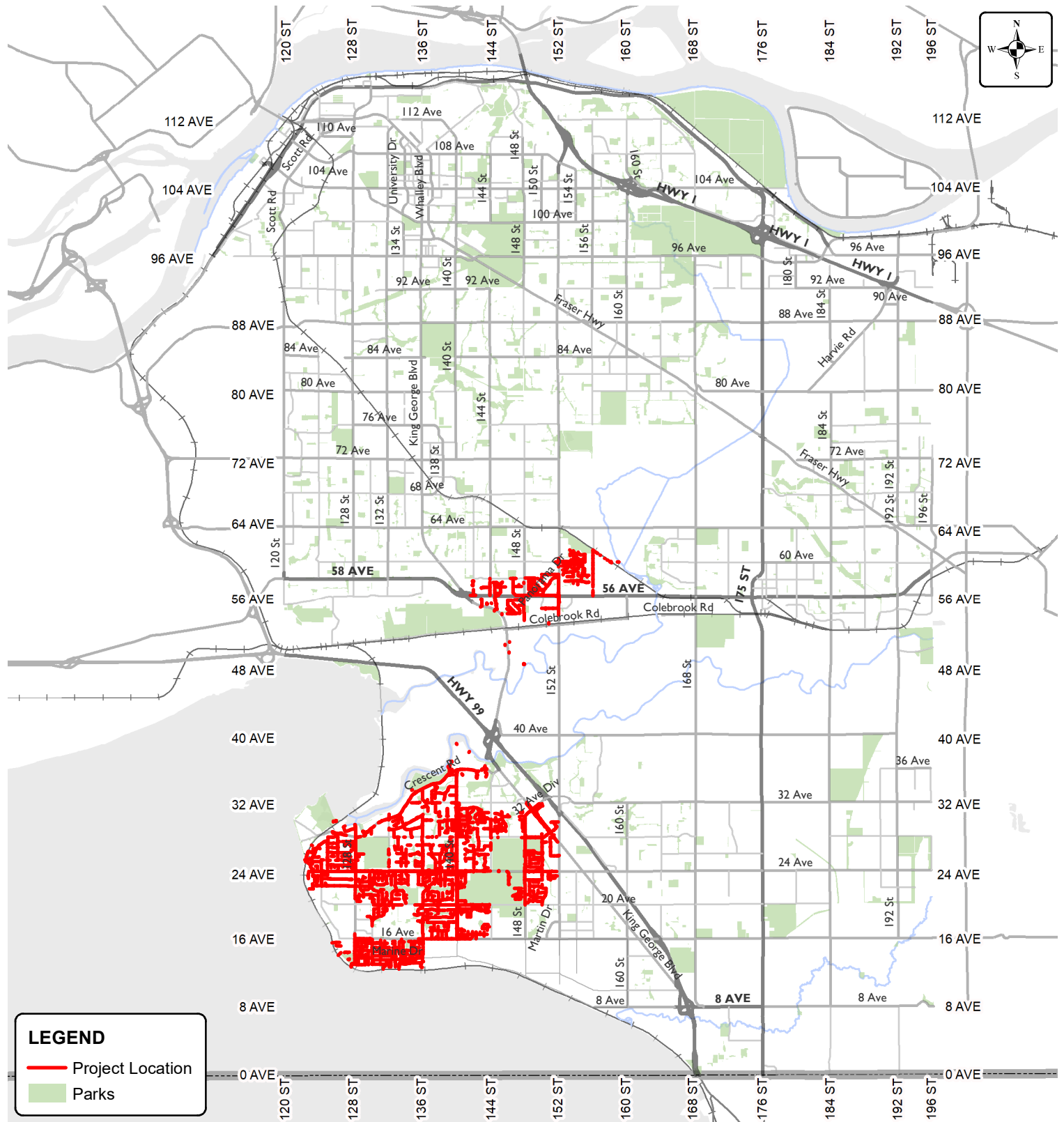
**Contract No.**  
**1220-040-022-018**  
**Year 2 Inspection Location**

**ENGINEERING  
DEPARTMENT**

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Source: G:\MAPPING\GIS\Maps\CorporateReps\Operations\JJR\_engOpsTerm2\InspectionLocationMap\_TA\_API.mxd

# APPENDIX "III"



Produced by GIS Section: 27-Apr-2022

Scale: 1:125,000 0 1,000 M



**Contract No.  
1220-040-022-018  
Year 3 Inspection Location**

**ENGINEERING  
DEPARTMENT**

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Source: G:\MAPPING\GIS\Maps\CorporateReps\Operations\UJR\_engOpsTerm3InspectionLocationMap\_TA\_APIII\_backup.mxd