



At this time a contract will be awarded for design services only, with the option to award construction services upon successful completion of the design phase and upon approval by the appropriate signing authority designate. The design phase involves overall project management and design works, while the construction phase includes: tendering, contract administration, resident field services and post construction services.

## **BACKGROUND**

One of the goals set by the Engineering Department was to develop a three year paving program and display it on the City's mapping system (COSMOS). The plan has been developed and will be integrated into COSMOS later this year. Design of the road rehabilitation measures well ahead of the construction windows will allow the City to tender the work early in each of the respective years and thereby take advantage of competitive pricing. Historically, road works contractors are eager to secure work early in the year when active construction is at a low level.

### **Proposal Submissions**

The City invited three (3) pre-qualified engineering consultants to respond to the RFP. All three (3) invited consultants responded to the RFP and were received as listed below:

- WEB Engineering Ltd.;
- McElhanney Consulting Services Ltd.; and
- SNC Lavalin Inc.

### **Evaluation**

The proposals were evaluated using the following criteria:

- Understanding of the assignment;
- Experience relative to the assignment;
- Strength of the project manager and team;
- Work plan and schedule; and
- Financial considerations.

All three submissions were carefully reviewed by a panel of three staff members, following a structured and standard evaluation process. WEB demonstrated a thorough understanding of the scope of work and a strong proposed work plan. Furthermore, they have put forth a team with considerable experience related to very similar work throughout Surrey and neighboring municipalities. Their design fee is also the most competitive. We therefore recommend that this assignment be awarded to WEB Engineering Ltd.

## **SUSTAINABILITY CONSIDERATIONS**

The City is responsible for effective and sustainable design, construction and maintenance of infrastructure assets to provide safe and reliable services to our residents and businesses, while also ensuring the infrastructure meets the demands of future growth and economic development. These actions relate to the Sustainability Charter's Infrastructure theme and the overall goal of effective infrastructure to service current and future needs of the City. Specifically, this contract supports the following desired outcomes:

- Infrastructure Do1: Infrastructure that is well managed, long lasting and effectively integrated into the regional systems; and
- Infrastructure Do2: Infrastructure that provides safe, reliable and affordable service.

## FUNDING

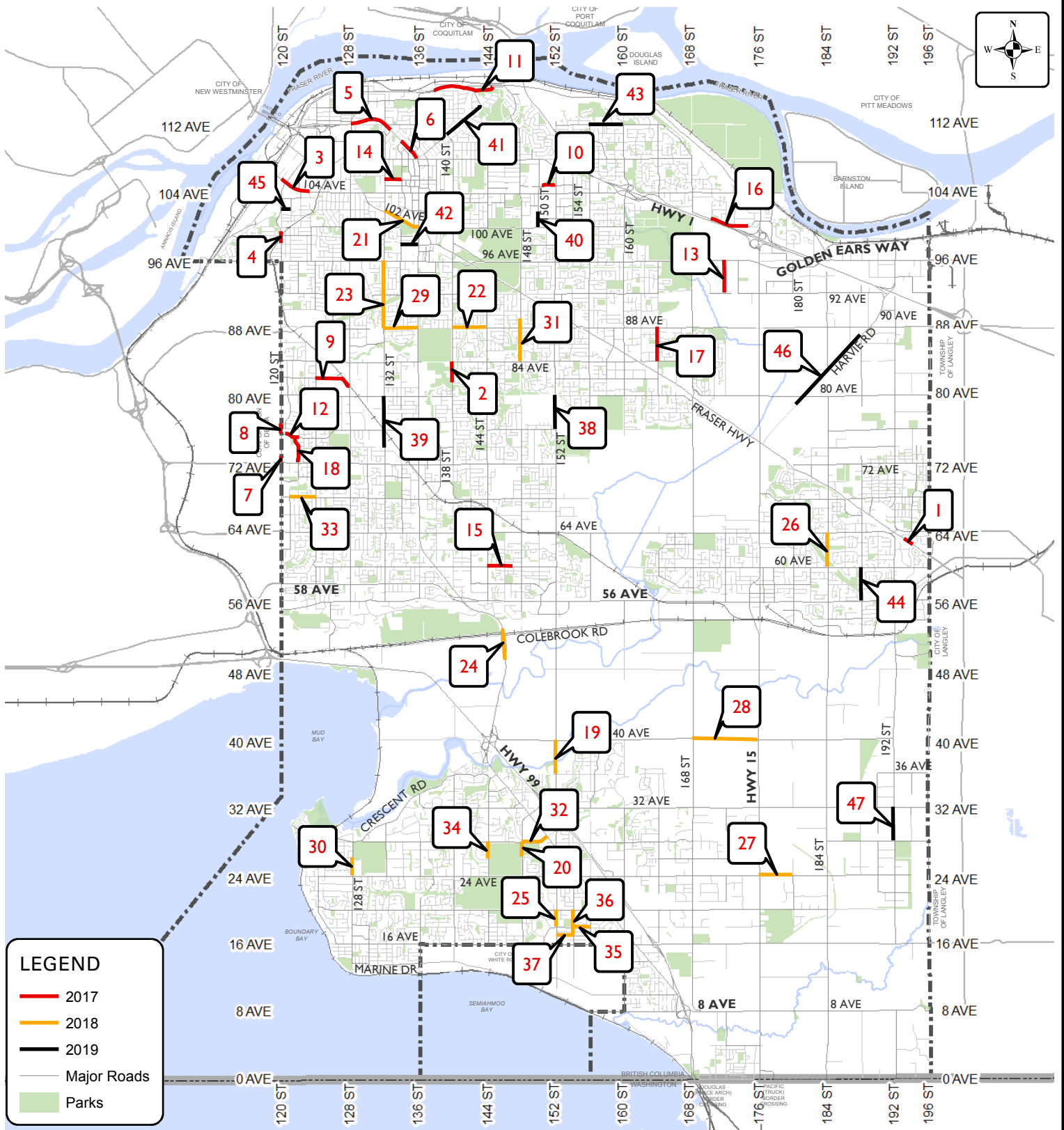
Funding for this assignment is available in the City's Capital Budget.

Fraser Smith, P.Eng., MBA  
General Manager, Engineering

JWD/am

Appendix "I" – Map of Project Locations – Consultant Agreement M.S. 1716-074 D1  
Appendix "II" – List of Project Locations – Consultant Agreement M.S. 1716-074 D1

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## 2017 -2019 Major Roads Rehabilitation Program

## ENGINEERING DEPARTMENT

## APPENDIX “II”

### 2017 Rehabilitation Plan

Map Reference Number	Road Type	Location and Limits
1	MRN Arterial	Fraser Highway: 194 Street - ~250m west
2	Arterial	140 Street: Bear Creek Drive - 84 Avenue
3	Arterial	104 Avenue: 123A Street - 140m east of 120 Street
4	MRN Arterial	120 Street: 98 Avenue - 9966 120 Street
5	MRN Arterial	King George Boulevard: 128 Street - 132 Street Diversion
6	MRN Arterial	King George Boulevard: 108 Avenue - University Drive
7	MRN Arterial	120 Street: 72 Avenue - 140m north
8	MRN Arterial	120 Street: 75A Avenue - 76A Avenue
9	Collector	82 Avenue: 124 Street - 128 Street
10	Collector	105 Avenue: 152 Street - mall
11	Collector	King Road: 13800 block - 14400 block
12	Collector	75A Avenue: 120A Street - 122 Street
13	Collector	172 Street: 92 Avenue - 96 Avenue
14	Collector	105A Avenue: 132 Street - University Drive
15	Collector	60 Avenue: 144 Street - 147 Street
16	Collector	Barnston Drive / 100 Avenue: 170A Street - 17456 100 Avenue
17	Collector	164 Street: 84 Avenue - 88 Avenue
18	Collector	122 Street: 72 Avenue - 75 Avenue

### 2018 Rehabilitation Plan

Map Reference Number	Road Type	Location and Limits
19	MRN Arterial	152 Street: 36 Avenue - 40 Avenue
20	Arterial	148 Street: 26 Avenue - 28 Avenue
21	Arterial	Old Yale Road: King George Boulevard - 132 Street
22	MRN Arterial	88 Avenue: 140 Street - 144 Street
23	Arterial	132 Street: 88 Avenue - 96 Avenue
24	MRN Arterial	King George Boulevard: 4936 King George Boulevard - 5228 King George Boulevard
25	MRN Arterial	152 Street: 18 Avenue - 20 Avenue
26	Arterial	184 Street: 60 Avenue - 64 Avenue
27	Arterial	24 Avenue: 176 Street - 180 Street
28	Arterial	40 Avenue: 168 Street - 176 Street
29	MRN Arterial	88 Avenue: 132 Street - King George Boulevard
30	Arterial	128 Street: 24 Avenue - 26 Avenue
31	Collector	148 Street: 84 Avenue - 89 Avenue

32	Collector	28 Avenue: 148 Street – King George Boulevard
33	Collector	68 Avenue: 121 Street – 124 Street
34	Collector	144 Street: 26 Avenue – 28 Avenue
35	Collector	18 Avenue: 154 Street – 156 Street
36	Collector	154 Street: 17 Avenue – 20 Avenue
37	Collector	17 Avenue: 152 Street – 154 Street

**2019 Rehabilitation Plan**

<b>Map Reference Number</b>	<b>Road Type</b>	<b>Location and Limits</b>
38	MRN Arterial	152 Street: 76 Avenue – 80 Avenue
39	Arterial	132 Street: 7395 132 Street – 80 Avenue
40	Arterial	150 Street: 100 Avenue – 102 Avenue
41	Collector	Grosvenor Road: McBride Drive – Hansen Road
42	Collector	98 Avenue: 134 Street – King George Boulevard
43	Collector	112 Avenue: 156 Street – 160 Street
44	Collector	188 Street: 56 Avenue – 60 Avenue
45	Collector	102 Avenue: 120 Street – 121 Street
46	Collector	188 Street: Harvie Road – 7900 Block
47	Arterial	192 Street: 28 Ave – 32 Avenue