

NO: R172

COUNCIL DATE: November 23, 2020

---

## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **November 19, 2020**

FROM: **General Manager, Engineering** FILE: **1710-056/G**

SUBJECT: **32 Avenue and Highway 99 Interchange Improvements  
Memorandum of Understanding**

---

## RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive this report for information;
2. Approve entering into a Memorandum of Understanding with Her Majesty the Queen in the Right of the Province of British Columbia, as represented by the Minister of Transportation and Infrastructure (“MoTI”) for the advancement of the 32 Avenue and Highway 99 Interchange Improvements project, a draft of which is attached to this report as Appendix “I”; and
3. Authorize the Mayor and City Clerk to execute the finalized Memorandum of Understanding, provided it is substantially the same as that included as Appendix “I”.

## INTENT

The purpose of this report is to seek Council’s approval to enter into a Memorandum of Understanding (“MOU”) for the 32 Avenue and Highway 99 Interchange Improvements, as developed by MoTI and City of Surrey staff, and to recommend that Council approve the MOU.

## BACKGROUND

The 32 Avenue and Highway 99 interchange has regional significance, as it is part of the regional Major Road Network and provides a critical link for Surrey and the regional transportation network in Metro Vancouver. Given the regional significance of this corridor, the 32 Avenue and Highway 99 interchange improvements is a project identified within the Engineering Department’s 10-Year Servicing Plan, and is part of a multi-phase program of widening and providing multi-modal infrastructure along the entire 32 Avenue corridor.

In close coordination with this project, the City has plans to deliver four-lane arterial road widening, with cycling and sidewalk facilities, to the 32 Avenue corridor between 154 Street and 160 Street. The 32 Avenue road widening design is complete and currently undergoing final public engagements.

The location of these improvements is illustrated on the map attached as Appendix “II”.

## **DISCUSSION**

The City is seeking to partner with MoTI in the delivery of the 32 Avenue and Highway 99 interchange improvements. The MOU, attached as Appendix “I”, establishes the respective obligations and responsibilities of the City and MoTI to complete the 32 Avenue and Highway 99 interchange improvements. The provisions in the MOU have been established based on the following principles:

### **Planned Improvements**

The improvements to the 32 Avenue and Highway 99 interchange generally consist of the following:

- Additional southbound off-ramp lane from Highway 99 to the 32 Avenue Diversion;
- Additional northbound on-ramp lane from the 32 Avenue Diversion to Highway 99;
- Additional eastbound and westbound lanes along 32 Avenue between King George Boulevard and 152 Street;
- Additional eastbound and westbound left-turn lanes at the intersection of 32 Avenue and 152 Street; and
- Inclusion of cycling facilities and pedestrian crossing improvements along 32 Avenue between King George Boulevard and 152 Street.

The proposed improvements are generally illustrated on the plan attached as Appendix “II”. These improvements will serve to reduce congestion and delays, along with meeting growing capacity needs.

### **Cost-Sharing**

Given the regional and local significance of this corridor and interchange, these improvements are being delivered in partnership with MoTI and are jointly funded by MoTI and the City. MoTI is funding 100% of the improvements within the 32 Avenue and Highway 99 interchange, while the City is funding 100% of the improvements along 32 Avenue between King George Boulevard and 152 Street, for the areas that are outside of the interchange. The value of this work is estimated at \$15 million (with the City funding approximately \$3 million and MoTI funding approximately \$12 million).

For increased efficiency and coordination in constructing the work, both parties will consider co-deliver the construction of the work under a single construction contract, and should co-delivering the construction of work be mutually beneficially, the City and MoTI will enter into a subsequent agreement for the construction of the work.

## Project Timeline

MoTI and the City will work collaboratively to proceed with the construction of this project in 2021, subject to Council approval and MoTI available funding. The anticipated project schedule is as follows:

<b>32 Avenue/Highway 99 Activity</b>	<b>Anticipated Schedule</b>
Council Approval of MOU	November 23, 2020
Design Commencement	November 2020
Public Engagement	March 2021
Design Completion	April 2021
Construction Commencement (Subject to Council and MoTI approval)	August 2021
Construction Completion	Summer 2022

## Legal Services Review

The MOU has been reviewed by Legal Services and they have no concerns. The review has found the MOU to be acceptable to the City in the terms and scope of commitments included.

## FUNDING

Funding for the City's portion of the 32 Avenue and Highway 99 interchange improvements in the amount of \$3.0 million is committed as part of the 2021 Transportation DCC Budget.

## Finance Department Review

The Finance Department has reviewed this report and has no concerns.

## SUSTAINABILITY CONSIDERATIONS

The approval of the MOU supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to the Sustainability Charter themes of Built Environment and Neighbourhoods, and Infrastructure. Specifically, this agreement supports the following Desired Outcomes:

- Neighbourhoods and Urban Design DO2: Surrey is well-connected within the city and to the rest of the region by fast and efficient public transit and active all-ages-and-abilities transportation infrastructure; and
- Transportation DO11: An integrated and multi-modal transportation network offers affordable, convenient, accessible and safe transportation choices within the community and to regional destinations.

## CONCLUSION

Based on the above discussion, it is recommended that Council approve the entering the MOU with MoTI for the advancement of the 32 Avenue and Highway 99 Interchange Improvements project.

Scott Neuman, P.Eng.  
General Manager, Engineering

VJ/cc

Appendix "I" – Draft MOU with MoTI

Appendix "II" – Project Location

Appendix "III" - Planned Improvements

g:\wp-docs\2020\admin\cr\vl3 32 avenue and highway 99 interchange improvements memorandum of understanding.docx  
CLR 11/19/20 4:29 PM

## Memorandum of Understanding 32 Avenue Interchange and Diversion Improvements

Dated this \_\_\_ day of \_\_\_\_\_, 2020

BETWEEN:

**CITY OF SURREY**  
13450 104 Ave, Surrey, BC V3T 1V8

(the "City")

AND:

**HER MAJESTY THE QUEEN in the Right of the Province of British Columbia**, as represented by the Minister of Transportation and Infrastructure, having offices at Lower Mainland District, 310-1500 Woolridge Street, Coquitlam, BC V3K 0B8

("MoTI")

(collectively, the "Parties" and each individually, a "Party")

### 1. Purpose and Scope

This purpose of this memorandum of understanding ("MOU") is to identify the roles and responsibilities of each party as they relate to the improvements at the Highway 99 Interchange with 32 Avenue ("32 Avenue Interchange") and on 32 Avenue Diversion between King George Boulevard and 152 Street Improvements ("32 Avenue Diversion"), the location of which is illustrated in Appendix A. Furthermore, this MOU confirms that the City and MoTI intend to work collaboratively to provide these improvements which generally consist of the following:

- (a) Additional south bound off-ramp lane from Highway 99 to 32 Avenue Diversion;
- (b) Additional northbound on-ramp lane from the 32 Avenue Diversion to Highway 99;
- (c) Additional eastbound and westbound left turn lanes at the intersection of 152 Street and 32 Avenue;
- (d) Additional eastbound and westbound lane along 32 Avenue between King George Boulevard and 152 Street; and
- (e) Inclusion of cycling facilities along 32 Avenue between King George Boulevard and 152 Street.

These improvements are generally illustrated on the plan attached as Appendix B (the "Plan"). Both parties have an interest in this work as it supports improvements to the regional transportation network as 32 Avenue is part of the regional Major Road Network and provides a critical link for Surrey and the regional transportation network in Metro Vancouver.

## 2. City and MoTI Project Design and Delivery

The City and MoTI each acknowledge that:

- (a) The Parties see a mutual benefit to working cooperatively in the planning, design, and construction of the 32 Avenue Interchange and 32 Avenue Diversion Improvements (the “Project”);
- (b) The jurisdictional boundaries illustrated on the Plan define the MoTI scope and the City scope of the Project;
- (c) The City will fund 100% of the design and construction costs attributed to the City scope as illustrated on the Plan;
- (d) MoTI will fund 100% of the design and construction costs attributed to the MoTI scope, as illustrated on the Plan;
- (e) The City and MoTI will be responsible for procuring and managing their respective designs and agree to coordinate and integrate their designs with the intent to combine both designs under a single construction contract if agreed upon by both Parties;
- (f) If both Parties agree that the construction of the Project is to be delivered under one construction contract, the Parties will enter into a new agreement on terms acceptable to both Parties, with the understanding that:
  - a. MoTI will be responsible for the tendering and construction of the Project;
  - b. The construction contract will be in MoTI’s form, but the Parties will consult as to the provisions related to the delivery of the City scope; and
  - c. MoTI will be responsible for costs related to the construction of the MoTI scope, and the City will be responsible for costs related to the construction of the City scope;
- (g) The City and MoTI may share engineering costs for tasks where it is determined that delivering those tasks by one design consultant would provide better value and/or increase the optimization of each party’s scope improvements. Shared engineering costs are to be agreed to by both parties prior to initiating those tasks;
- (h) Public communications will be done collaboratively. Communication strategy, messaging and public project information is to be developed and preapproved by both parties; and
- (i) Both parties will work collaboratively in accordance with the dates set out in the Project Schedule (Appendix C) to ensure the progression of the design and tender package development does not delay the completion of the improvements shown on the Plan by August 31, 2022.

**3. General**

- (a) This MOU is a statement of the intentions of the Parties and does not create any binding obligations on either Party. Any binding obligations will only be created through the execution of the written agreement described in section 2(f);

**IN WITNESS WHEREOF** this MOU has been executed by the parties hereto on the date first written above.

**HER MAJESTY THE QUEEN in the Right of the Province of British Columbia**      **CITY OF SURREY**, by its authorized signatory:

by its authorized signatory:

by its authorized signatories:

\_\_\_\_\_  
Janelle Erwin, Deputy Regional Director

\_\_\_\_\_  
Mayor

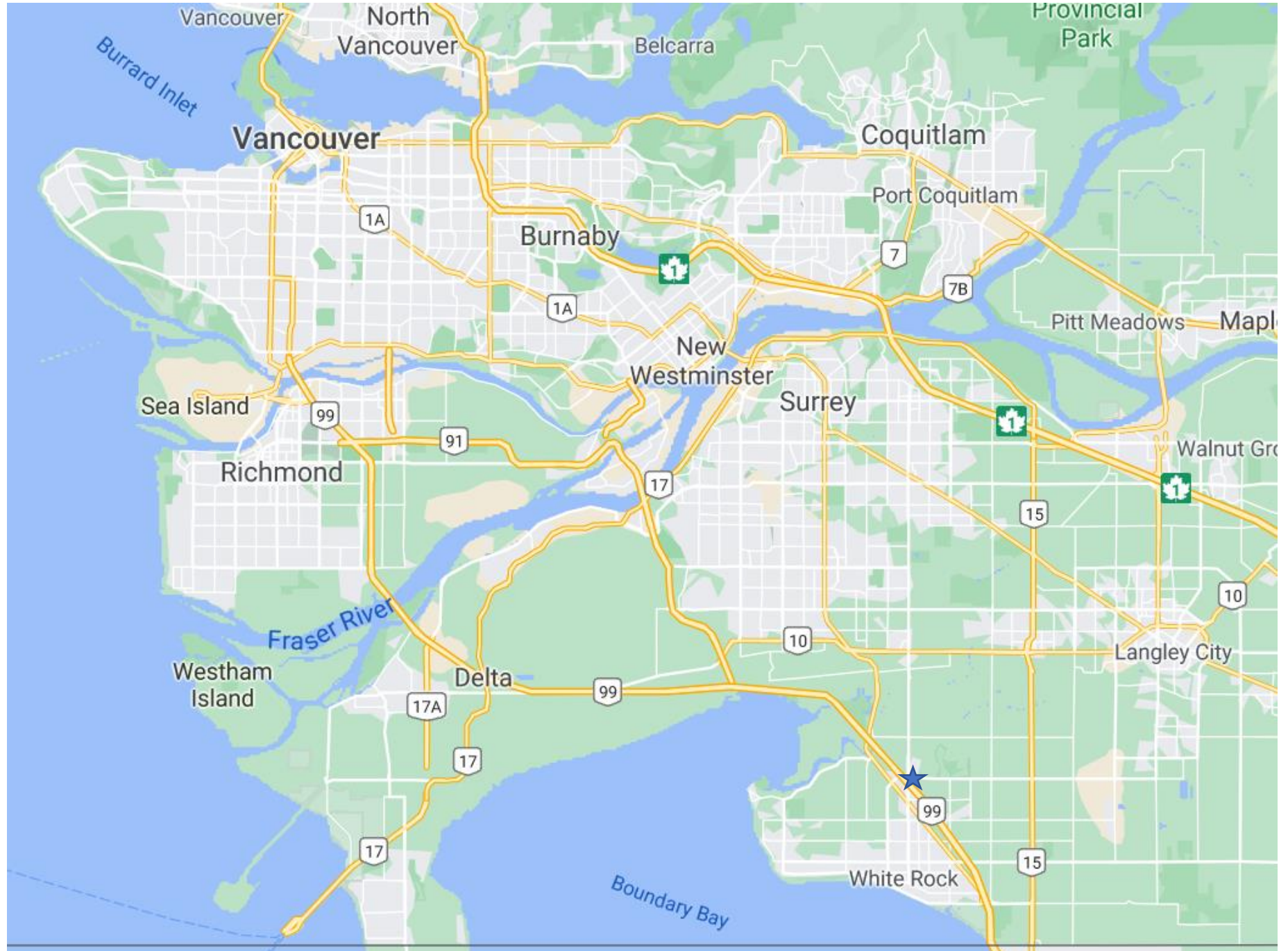
\_\_\_\_\_  
City Clerk

Appendix A - Highway 99 and 32nd Ave. Interchange Improvements Location

Appendix B – The Plan

Appendix C – Highway 99 and 32nd Ave. Interchange Improvements Schedule

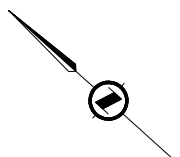
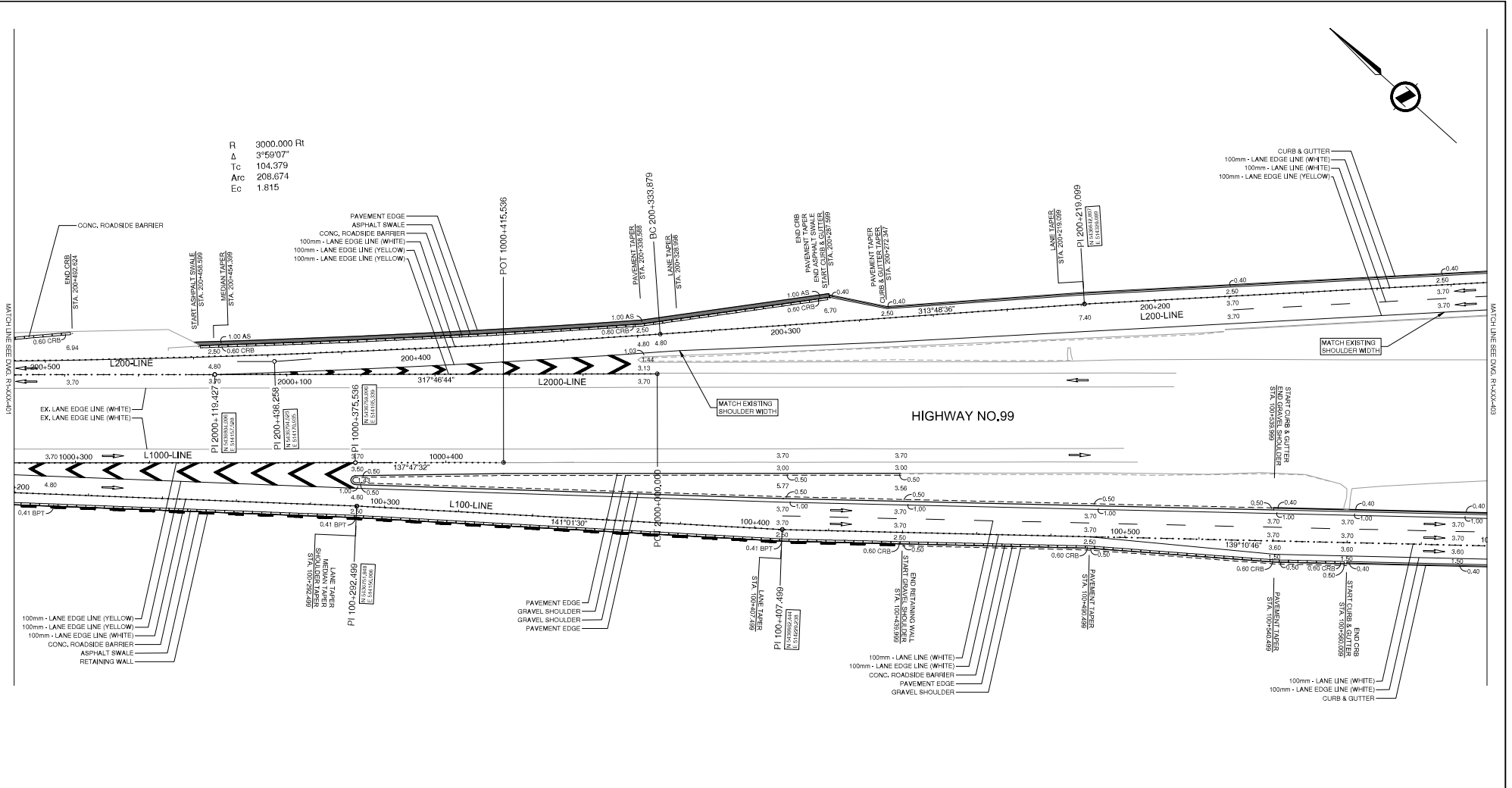
# Appendix A- Highway 99 and 32nd Ave. Interchange Improvements Location







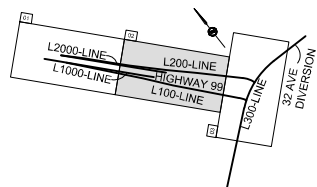
R 3000.000 Rt  
 $\Delta$  3°59'07"  
 Tc 104.379  
 Arc 206.574  
 Ec 1.815



- FOR PLANS  
SEE DWG. R1-XXX-101 to 103
- FOR PROFILES  
SEE DWG. R1-XXX-201 to 202
- FOR TYPICAL SECTIONS  
SEE DWG. R1-XXX-301 to 302
- FOR GEOMETRICS AND LANING  
SEE DWG. R1-XXX-401 to 403

**DRAFT**

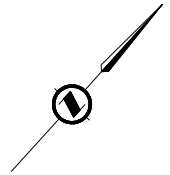
DRAFT PRELIMINARY DESIGN - MAY 25, 2020



 the people behind your infrastructure.	R.F. BINNIE & ASSOCIATES LTD. 200 4240 Conside Way, Burnaby, BC V5C 4K6 TEL: 604-410-1111 BINNIE.com	CAD FILE NAME: 20-0359-0500-0205 DATE: 2020-05-25	 BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTH COAST REGION HIGHWAY ENGINEERING AND GEOMETRICS
	<b>GEOMETRICS AND LANING</b> Highway No.99 HIGHWAY 99 AT 32 AVENUE DIVERSION		
SCALE: 0 5 1000 25m		DESIGNED: M.S. DATE: MAY 2020 QUALITY CONTROL: B.S. DATE: MAY 2020 QUALITY ASSURANCE: M.S. DATE: MAY 2020	
REV. DATE REVISIONS SIGNATURE		DRAWN: B.J. DATE: MAY 2020	
DATE: 20-0359		PROJECT NUMBER: XXXXX	
REG: 1		DRAWING NUMBER: R1-XXX-402	

MAY 25, 2020 1:53:41 PM P:\0359\20-0359-0500-0205\Drawings\20-0359-0500-0205.dwg

MATCH LINE SEE DWG. R1-XXX-402



PROPOSED INFRASTRUCTURE OUTSIDE OF MOTI SCOPE IS SHOWN FOR REFERENCE ONLY REFER TO CITY OF SURREY SCOPE DRAWINGS FOR ADDITIONAL INFORMATION

PROPOSED INFRASTRUCTURE OUTSIDE OF MOTI SCOPE IS SHOWN FOR REFERENCE ONLY REFER TO CITY OF SURREY SCOPE DRAWINGS FOR ADDITIONAL INFORMATION

R 200.000 R1  
 Δ 7°48'43"  
 Tc 13.656  
 A/c 27.269  
 Ec 0.466

BC 100+656.613

EC 200+047.140

PI 100+670.269

EC 100+663.882

BC 300+003.078

BC 300+336.036

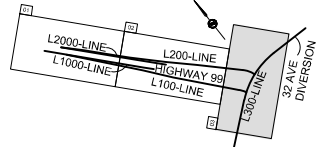
L100A1  
 P.O.T. 100+687.584 =  
 L300A1  
 P.O.T. 300+366.799  
 N 5429483.561  
 E 5448010.029

32 AVENUE DIVERSION

END CITY OF SURREY SCOPE  
 BEGIN MOTI SCOPE  
 POS 300+308.500

END MOTI SCOPE  
 BEGIN CITY OF SURREY SCOPE  
 POS 300+480.000

EC 300+546.583



FOR PLANS  
 SEE DWG. R1-XXX-101 to 103

FOR PROFILES  
 SEE DWG. R1-XXX-201 to 202

FOR TYPICAL SECTIONS  
 SEE DWG. R1-XXX-301 to 302

FOR GEOMETRICS AND LANNING  
 SEE DWG. R1-XXX-401 to 403

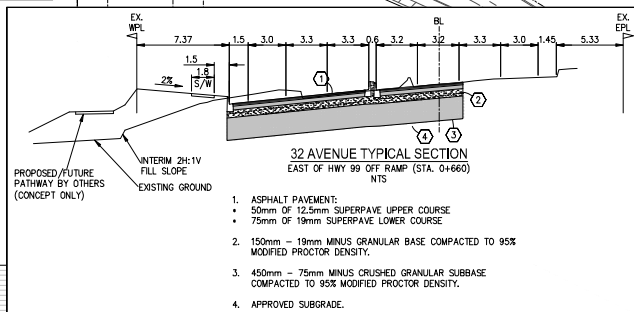
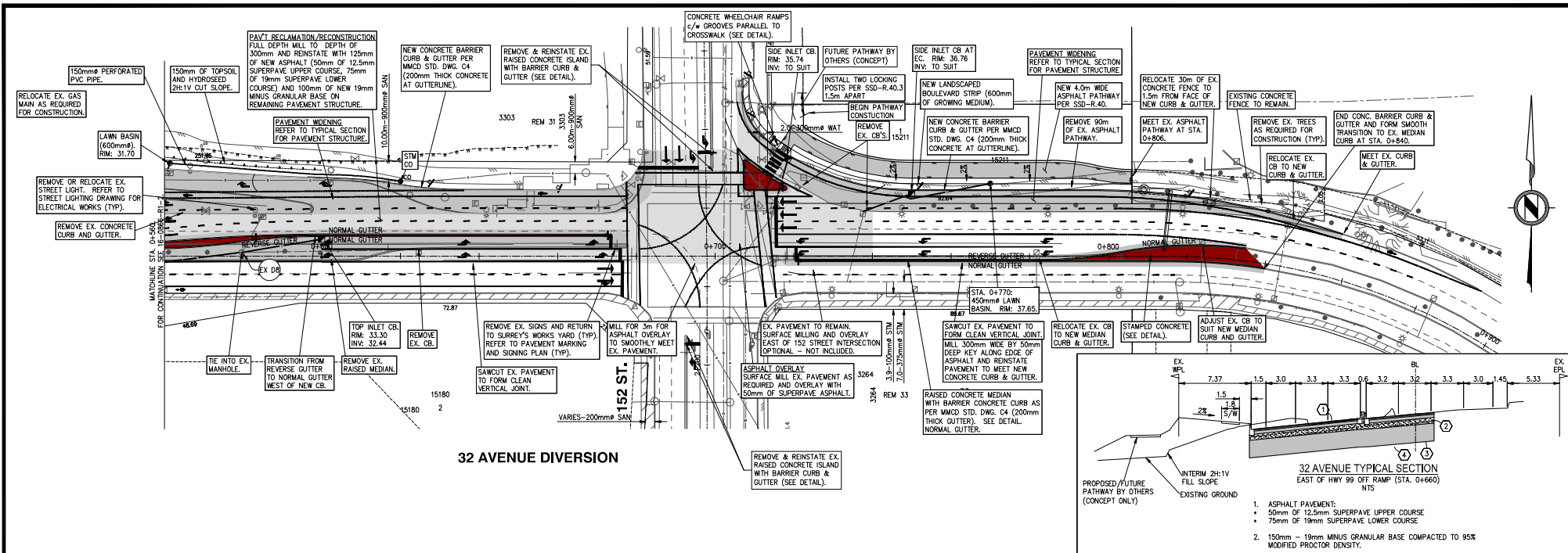
**DRAFT**

DRAFT PRELIMINARY DESIGN - MAY 25, 2020

<p>the people behind your infrastructure.</p>	<p>R.F. BINNIE &amp; ASSOCIATES LTD.                  200 4540 Conside Way,                  Burnaby, BC V5C 4K6                  TEL: 604-410-1111                  BINNIE.com</p>	<p>MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE                  SOUTH COAST REGION                  HIGHWAY ENGINEERING AND GEOMATICS</p>																																								
			<p>GEOMETRICS AND LANNING                  HIGHWAY No.99                  HIGHWAY 99 AT 32 AVENUE DIVERSION</p>																																							
<p>SCALE 0 5 1000 25m</p>		<p>DATE: 2020-05-25</p>																																								
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>REVISIONS</th> <th>SIGNATURE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		REV	DATE	REVISIONS	SIGNATURE																																					<p>DESIGNED: M.S. DATE: MAY 2020                  QUALITY CONTROL: M.S. DATE: MAY 2020                  QUALITY ASSURANCE: M.S. DATE: MAY 2020</p>
REV	DATE	REVISIONS	SIGNATURE																																							
<p>DATE: 20-0359</p>		<p>PROJECT NUMBER: XXXXX</p>																																								
<p>REG: 1</p>		<p>DRAWING NUMBER: R1-XXX-403</p>																																								
<p>REV:  </p>		<p>REV:  </p>																																								

May 25, 2020 1:53:41 AM P:\2020\20-0359\20-0359-001\Binnie\Public\Drawings\Geometrics\20-0359-001.dwg





STATION	0+560	0+570	0+580	0+595	0+600	0+610	0+620	0+630	0+640	0+650	0+660	0+663.36	0+670	0+680	0+690	0+700	0+710	0+717.08	0+720	0+730	0+740	0+746.95	0+750	0+760	0+770	0+780	0+790	0+800	0+810	0+820	0+830	0+834.47	0+840	0+850	0+860	0+870	0+880																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
PR. NORTH GUTTER ELEV.		31.970																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
PR. MEDIAN ELEV.	31.534	31.855	32.279	32.776	33.325	33.875	34.423	34.915	35.323	35.648	35.890	36.048	36.109	36.230	36.350	36.470	36.590	36.710	36.830	36.950	37.070	37.190	37.310	37.430	37.550	37.670	37.790	37.910	38.030	38.150	38.270	38.390	38.510	38.630	38.750	38.870	38.990	39.110	39.230	39.350	39.470	39.590	39.710	39.830	39.950	40.070	40.190	40.310	40.430	40.550	40.670	40.790	40.910	41.030	41.150	41.270	41.390	41.510	41.630	41.750	41.870	41.990	42.110	42.230	42.350	42.470	42.590	42.710	42.830	42.950	43.070	43.190	43.310	43.430	43.550	43.670	43.790	43.910	44.030	44.150	44.270	44.390	44.510	44.630	44.750	44.870	44.990	45.110	45.230	45.350	45.470	45.590	45.710	45.830	45.950	46.070	46.190	46.310	46.430	46.550	46.670	46.790	46.910	47.030	47.150	47.270	47.390	47.510	47.630	47.750	47.870	47.990	48.110	48.230	48.350	48.470	48.590	48.710	48.830	48.950	49.070	49.190	49.310	49.430	49.550	49.670	49.790	49.910	50.030	50.150	50.270	50.390	50.510	50.630	50.750	50.870	50.990	51.110	51.230	51.350	51.470	51.590	51.710	51.830	51.950	52.070	52.190	52.310	52.430	52.550	52.670	52.790	52.910	53.030	53.150	53.270	53.390	53.510	53.630	53.750	53.870	53.990	54.110	54.230	54.350	54.470	54.590	54.710	54.830	54.950	55.070	55.190	55.310	55.430	55.550	55.670	55.790	55.910	56.030	56.150	56.270	56.390	56.510	56.630	56.750	56.870	56.990	57.110	57.230	57.350	57.470	57.590	57.710	57.830	57.950	58.070	58.190	58.310	58.430	58.550	58.670	58.790	58.910	59.030	59.150	59.270	59.390	59.510	59.630	59.750	59.870	59.990	60.110	60.230	60.350	60.470	60.590	60.710	60.830	60.950	61.070	61.190	61.310	61.430	61.550	61.670	61.790	61.910	62.030	62.150	62.270	62.390	62.510	62.630	62.750	62.870	62.990	63.110	63.230	63.350	63.470	63.590	63.710	63.830	63.950	64.070	64.190	64.310	64.430	64.550	64.670	64.790	64.910	65.030	65.150	65.270	65.390	65.510	65.630	65.750	65.870	65.990	66.110	66.230	66.350	66.470	66.590	66.710	66.830	66.950	67.070	67.190	67.310	67.430	67.550	67.670	67.790	67.910	68.030	68.150	68.270	68.390	68.510	68.630	68.750	68.870	68.990	69.110	69.230	69.350	69.470	69.590	69.710	69.830	69.950	70.070	70.190	70.310	70.430	70.550	70.670	70.790	70.910	71.030	71.150	71.270	71.390	71.510	71.630	71.750	71.870	71.990	72.110	72.230	72.350	72.470	72.590	72.710	72.830	72.950	73.070	73.190	73.310	73.430	73.550	73.670	73.790	73.910	74.030	74.150	74.270	74.390	74.510	74.630	74.750	74.870	74.990	75.110	75.230	75.350	75.470	75.590	75.710	75.830	75.950	76.070	76.190	76.310	76.430	76.550	76.670	76.790	76.910	77.030	77.150	77.270	77.390	77.510	77.630	77.750	77.870	77.990	78.110	78.230	78.350	78.470	78.590	78.710	78.830	78.950	79.070	79.190	79.310	79.430	79.550	79.670	79.790	79.910	80.030	80.150	80.270	80.390	80.510	80.630	80.750	80.870	80.990	81.110	81.230	81.350	81.470	81.590	81.710	81.830	81.950	82.070	82.190	82.310	82.430	82.550	82.670	82.790	82.910	83.030	83.150	83.270	83.390	83.510	83.630	83.750	83.870	83.990	84.110	84.230	84.350	84.470	84.590	84.710	84.830	84.950	85.070	85.190	85.310	85.430	85.550	85.670	85.790	85.910	86.030	86.150	86.270	86.390	86.510	86.630	86.750	86.870	86.990	87.110	87.230	87.350	87.470	87.590	87.710	87.830	87.950	88.070	88.190	88.310	88.430	88.550	88.670	88.790	88.910	89.030	89.150	89.270	89.390	89.510	89.630	89.750	89.870	89.990	90.110	90.230	90.350	90.470	90.590	90.710	90.830	90.950	91.070	91.190	91.310	91.430	91.550	91.670	91.790	91.910	92.030	92.150	92.270	92.390	92.510	92.630	92.750	92.870	92.990	93.110	93.230	93.350	93.470	93.590	93.710	93.830	93.950	94.070	94.190	94.310	94.430	94.550	94.670	94.790	94.910	95.030	95.150	95.270	95.390	95.510	95.630	95.750	95.870	95.990	96.110	96.230	96.350	96.470	96.590	96.710	96.830	96.950	97.070	97.190	97.310	97.430	97.550	97.670	97.790	97.910	98.030	98.150	98.270	98.390	98.510	98.630	98.750	98.870	98.990	99.110	99.230	99.350	99.470	99.590	99.710	99.830	99.950	100.070	100.190	100.310	100.430	100.550	100.670	100.790	100.910	101.030	101.150	101.270	101.390	101.510	101.630	101.750	101.870	101.990	102.110	102.230	102.350	102.470	102.590	102.710	102.830	102.950	103.070	103.190	103.310	103.430	103.550	103.670	103.790	103.910	104.030	104.150	104.270	104.390	104.510	104.630	104.750	104.870	104.990	105.110	105.230	105.350	105.470	105.590	105.710	105.830	105.950	106.070	106.190	106.310	106.430	106.550	106.670	106.790	106.910	107.030	107.150	107.270	107.390	107.510	107.630	107.750	107.870	107.990	108.110	108.230	108.350	108.470	108.590	108.710	108.830	108.950	109.070	109.190	109.310	109.430	109.550	109.670	109.790	109.910	110.030	110.150	110.270	110.390	110.510	110.630	110.750	110.870	110.990	111.110	111.230	111.350	111.470	111.590	111.710	111.830	111.950	112.070	112.190	112.310	112.430	112.550	112.670	112.790	112.910	113.030	113.150	113.270	113.390	113.510	113.630	113.750	113.870	113.990	114.110	114.230	114.350	114.470	114.590	114.710	114.830	114.950	115.070	115.190	115.310	115.430	115.550	115.670	115.790	115.910	116.030	116.150	116.270	116.390	116.510	116.630	116.750	116.870	116.990	117.110	117.230	117.350	117.470	117.590	117.710	117.830	117.950	118.070	118.190	118.310	118.430	118.550	118.670	118.790	118.910	119.030	119.150	119.270	119.390	119.510	119.630	119.750	119.870	119.990	120.110	120.230	120.350	120.470	120.590	120.710	120.830	120.950	121.070	121.190	121.310	121.430	121.550	121.670	121.790	121.910	122.030	122.150	122.270	122.390	122.510	122.630	122.750	122.870	122.990	123.110	123.230	123.350	123.470	123.590	123.710	123.830	123.950	124.070	124.190	124.310	124.430	124.550	124.670	124.790	124.910	125.030	125.150	125.270	125.390	125.510	125.630	125.750	125.870	125.990	126.110	126.230	126.350	126.470	126.590	126.710	126.830	126.950	127.070	127.190	127.310	127.430	127.550	127.670	127.790	127.910	128.030	128.150	128.270	128.390	128.510	128.630	128.750	128.870	128.990	129.110	129.230	129.350	129.470	129.590	129.710	129.830	129.950	130.070	130.190	130.310	130.430	130.550	130.670	130.790	130.910	131.030	131.150	131.270	131.390	131.510	131.630	131.750	131.870	131.990	132.110	132.230	132.350	132.470	132.590	132.710	132.830	132.950	133.070	133.190	133.310	133.430	133.550	133.670	133.790	133.910	134.030	134.150	134.270	134.390	134.510	134.630	134.750	134.870	134.990	135.110	135.230	135.350	135.470	135.590	135.710	135.830	135.950	136.070	136.190	136.310	136.430	136.550	136.670	136.790	136.910	137.030	137.150	137.270	137.390	137.510	137.630	137.750	137.870	137.990	138.110	138.230	138.350	138.470	138.590	138.710	138.830	138.950	139.070	139.190	139.310	139.430	139.550	139.670	139.790	139.910	140.030	140.150	140.270	140.390	140.510	140.630	140.750	140.870	140.990	141.110	141.230	141.350	141.470	141.590	141.710	141.830	141.950	142.070	142.190	142.310	142.430	142.550	142.670	142.790	142.910	143.030	143.150	143.270	143.390	143.510	143.630	143.750	143.870	143.990	144.110	144.230	144.350	144.470	

# Appendix C- Highway 99 and 32<sup>nd</sup> Ave. Interchange Improvements Schedule

---

## Project Timeline:

- Design Start – November 11, 2020
- Submit 100% Functional Design Package – January 11, 2021 (City Scope – design coordination)
- Submit 50% Design Package – March 2, 2021 (City Scope – design coordination)
- VE and RSA Workshop – March 22, 2021
- Public Information Session – April 9, 2021 (City Scope – design coordination)
- Submit 100% Design Package – April 30, 2021 (City Scope – design coordination)
- Submit Final Tender Documents – April 30, 2021 (City Scope – design amalgamation)
- Issue Tender Documents for Bidders – May 26, 2021
- Pre-Construction Meeting – August 4, 2021
- Construction Start (Mobilization) – August 9, 2021
- Substantial Completion Certificate – May 25, 2022
- Construction Completion Certificate (CCC) – June 17, 2022
- Project Closure – August 4, 2022

## Coordination Milestones:

- Project Initialization & Preliminary Design Review Assessment Report – October 1, 2020 – December 24, 2020
- Functional Design – November 10, 2020 – February 5, 2021 (City to verify City Scope Preliminary Design so that MoTI Scope Functional Design can be integrated at 32<sup>nd</sup> Ave)
- Detailed Design – December 8, 2020 – May 26, 2021 (City Scope and MoTI Scope – design coordination)
- Tender Package Development – May 3, 2021 – May 26, 2021 (City and MoTI to each develop tender language and drawings to be amalgamated into a single tender package)
- Engineering during Construction – June 9, 2021 – August 4, 2022 (City and MoTI Design Consultants to be responsible for their own Design Scope for Engineer of Record tasks such as contractor Request for Information, Transmittals, Record Drawings etc.



# Improvements to 32 Avenue Diversion & 152 Street/Hwy #99 Interchange

