

NO: **R152**

COUNCIL DATE: **July 9, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 4, 2012**

FROM: **General Manager, Engineering**

FILE: **5260-07**

XC: **3150-01**

SUBJECT: **Amendments to the 10-Year (2012-2021) Servicing Plan and the Development Cost Charge By-law to Provide Engineering Services for Development in the Anniedale/Tynehead NCP Area**

RECOMMENDATION:

The Engineering Department recommends that Council:

1. Approve amendments, as listed in Appendix I attached to this report, to the 10-Year (2012-2021) Servicing Plan, which projects will service future development in the Anniedale/Tynehead NCP area;
2. Approve amendments, as documented in Appendix II to this report, to Development Cost Charge By-law, 2012, No. 17539, which will put in place area specific DCC rates for development in the Anniedale/Tynehead NCP area;
3. Authorize the City Clerk to bring forward for the required readings the necessary Development Cost Charge By-law Amendment By-law; and
4. Subject to the DCC Amendment By-law being given the required readings, authorize staff to forward the DCC Amendment By-law to the Provincial Ministry of Community, Sport and Cultural Development for approval prior to the By-law being considered for final adoption by Council.

INTENT

The purpose of this report is to obtain Council approval for amendments to the 10-Year (2012-2021) Servicing Plan and the Development Cost Charge By-law to support development in the Anniedale-Tynehead Neighbourhood Concept Plan (NCP) area, which NCP was recently adopted by Council.

BACKGROUND

At its Regular meeting on April 23, 2012 Council considered Corporate Report No. Ro77;2012, which recommended an engineering servicing strategy and a related financial strategy for the

Anniedale-Tynehead NCP as a means of managing the provision of engineering services for development in that NCP area.

The costs to provide engineering services to this NCP area are very high due to the limited amount of infrastructure in and around the area, the topography of the area and the location of the area in relation to major highways. As such, Council endorsed that area-specific DCC rates be established as an equitable way to distribute the costs of the needed infrastructure across development that is planned for the area.

DISCUSSION

Appendix I to this report lists the projects related to each of the sanitary sewer, water, drainage and transportation, respectively that will need to be constructed to support development within the Anniedale/Tynehead NCP area as adopted by Council. These projects now need to be incorporated into the City’s 10 Year Servicing Plan and will become the basis upon which DCC rates will be calculated for the NCP.

The estimated total cost by service type of the DCC-funded projects that will need to be constructed to service development in the Anniedale-Tynehead NCP as documented in Appendix I is listed in the following table:

Program	Growth Component (DCC Eligible)	Non-Growth Component	External Funding Required	Total
Arterial Roads	\$98,500,000	\$0	\$107,180,000	\$205,680,000
Non-Arterial Roads	\$25,500,000	\$0	\$34,655,000	\$60,155,000
Drainage	\$26,637,000	\$0	-	\$26,637,000
Water	\$20,500,000	\$0	-	\$20,500,000
Sewer	\$29,293,000	\$0	-	\$29,293,000
TOTAL	\$200,430,000	\$0	\$141,835,000	\$342,265,000

Except for a small amount (5 to 10%) of City funding assistance, the growth component of the costs as listed in the table is funded from revenues generated through DCC rates.

External Funding

As indicated in the table referenced above, approximately \$142 million, or 53% of the total value of, Arterial and Non-Arterial infrastructure costs are expected to be paid from various sources of external funding. In this regard, the external funding for the Arterial Road program is expected to be secured through contributions from:

- The Ministry of Transportation and Infrastructure, and the Transportation Investment Corporation, primarily for the Highway 1 and 192 Street full movement interchange; and
- TransLink for the Major Road Network (MRN) cost-shared improvements on 88 Avenue.

Some external funding is also expected from other orders of government in relation to the Highway 15/Golden Ears Way/96 Avenue interchange.

The primary source of external funding for the Non-Arterial Road program will be from developers who develop the property fronting these roads as the majority of these projects relate to road upsizing. This requirement is prescribed in the Subdivision and Development By-law, No. 8830.

Area Specific Development Cost Charges

To distribute the costs of needed infrastructure in an equitable manner area specific DCC rates are proposed for the NCP area. Similar area-specific DCC rates were adopted for the Campbell Heights Business Area and the Highway 99 Corridor Local Area Plan.

The following table documents the proposed DCC rates for each of various zones in the Anniedale/Tynehead NCP. These rates were developed in accordance with the DCC Best Practices Guidelines as published by the Ministry of Community, Sport and Cultural Development.

Land Use	Proposed Area-Specific DCC Rate
SF (RF, RF-12, RFC)	\$41,346 / lot
SF Small Lot (RF-9, RF-SD)	\$36,035 / lot
RM-10, RM-15 & RM-30	\$21.77 / sq. ft.
RM-45 and RM-70	\$24.67 / sq. ft.
Commercial (ground floor)	\$15.84 / sq. ft.
Industrial	\$140,713 / acre

The proposed amendments to DCC By-law No. 17539 are documented in Appendix II to this report.

Implementation

The amendments to the 10-Year Servicing Plan to incorporate the Anniedale/Tynehead projects and the adoption of the related DCC rates as proposed in this report are expected to be implemented in accordance with the following schedule:

- July 9, 2012 Corporate Report to Council for approval of amendments to the 10-Year (2012-2021) Servicing Plan and initial readings of the related amendments to the 2012 DCC By-law No. 17539
- August, 2012 Approval of the amendments to the 2012 DCC By-law No. 17539 by the Ministry of Community, Sport and Cultural Development
- Sept. 10, 2012 Final Adoption of amendments to the 2012 DCC By-law No. 17539
- Sept. 14, 2012 New DCC Rates for the Anniedale/Tynehead NCP Area take effect

Impact on the Five Year (2012-2016) Financial Plan

The Five Year (2013-2017) Capital and General Operating Financial Plans, which will be considered by the Finance Committee late in 2012 will reflect the amendments to the 10-Year (2012-2021) Servicing Plan as documented in this report.

Legal Services and Finance Review

This report and the related By-law amendments have been reviewed by the Finance and Technology Department and the Legal Services Division. There are no concerns from either perspective.

SUSTAINABILITY CONSIDERATIONS

A properly developed and adequately funded 10-Year Servicing Plan will help to ensure orderly development in the Anniedale-Tynehead NCP area, which will support the Economic Pillar of the City's Sustainability Charter; more particularly, the following Charter action items:

- EC₃: Sustainable Infrastructure Maintenance and Replacement;
- EC₄: Sustainable Financial Management Practices; and
- EC₁₁: Providing infrastructure to support and expand Surrey's Employment Land Base.

CONCLUSION

Based on the above discussion, it is recommended that Council:

- Approve amendments, as listed in Appendix I attached to this report, to the 10-Year (2012-2021) Servicing Plan, which projects will service future development in the Anniedale/Tynehead NCP area;
- Approve amendments, as documented in Appendix II to this report, to Development Cost Charge By-law, 2012, No. 17539, which will put in place area specific DCC rates for development in the Anniedale/Tynehead NCP area;
- Authorize the City Clerk to bring forward for the required readings the necessary Development Cost Charge By-law Amendment By-law; and
- Subject to the DCC Amendment By-law being given the required readings, authorize staff to forward the DCC Amendment By-law to the Provincial Ministry of Community, Sport and Cultural Development for approval prior to the By-law being considered for final adoption by Council.

Vincent Lalonde, P.Eng.
General Manager, Engineering

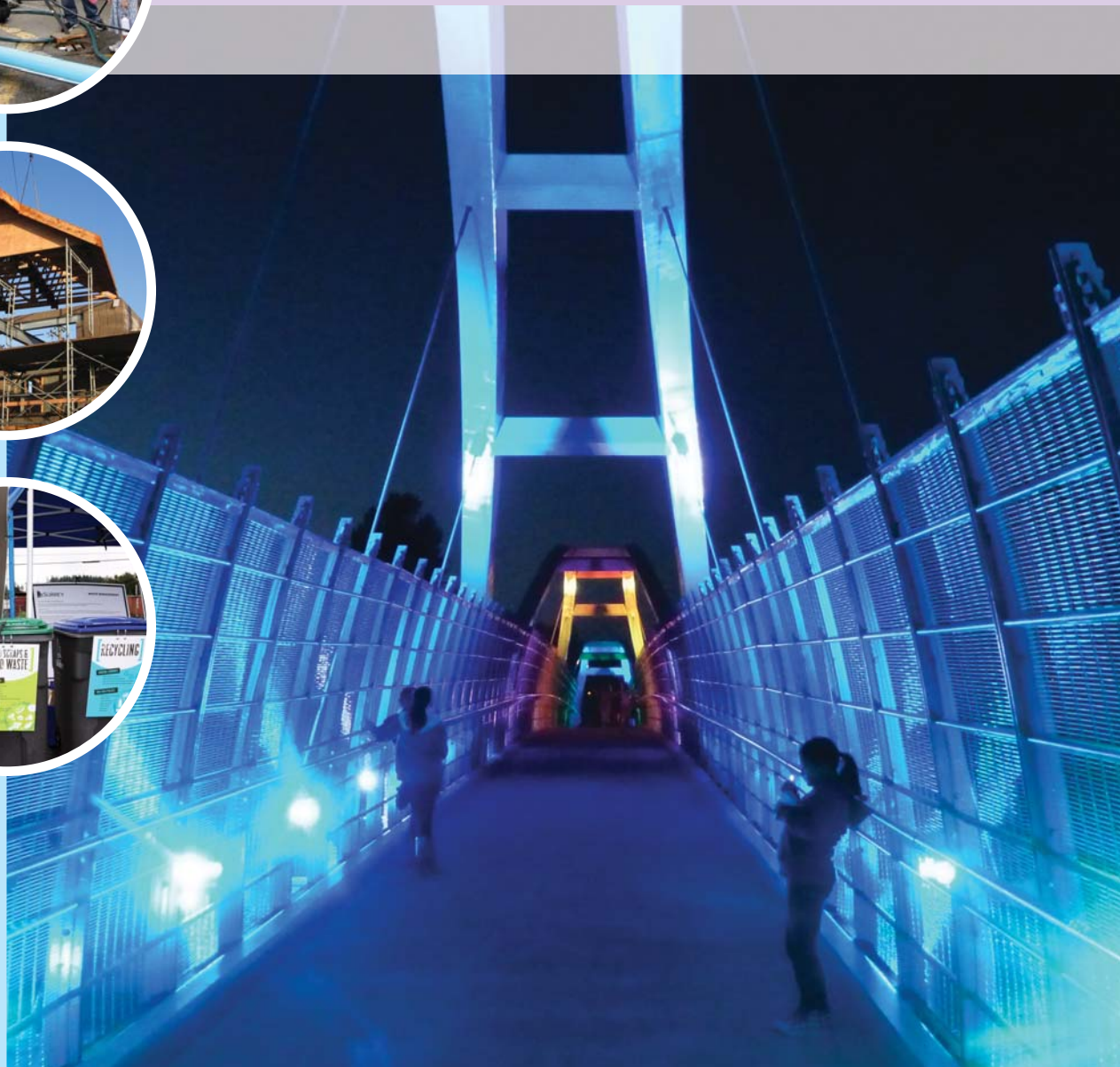
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Appendix I - Proposed Amendments to the 10-Year (2012-2021) Servicing Plan
Appendix II - Proposed Amendments to Development Cost Charge By-law, 2012, No. 17539

Amendment 1: Anniedale - Tynehead NCP

2012 - 2021 TEN YEAR SERVICING PLAN

ENGINEERING DEPARTMENT



ANNIEDALE – TYNEHEAD NCP SERVICING

The Anniedale-Tynehead Neighbourhood Concept Plan (NCP) area encompasses approximately 415 hectares and generally lies south of Highway 1 and north of the Agricultural Land Reserve located from 168 Street to Harvie Road, as illustrated on **Figure 12.1**.

The NCP designates the area for a variety of land uses including commercial, light industrial, business park, institutional, and a range of multi-family and single family housing densities (2 to 45 units per acre).

An area specific development cost charge was developed for this area to provide an equitable way to distribute the high costs of providing sanitary sewer, water, drainage and transportation servicing infrastructure required to support build out of the NCP area. Major servicing requirements include:

- Four (4) new sanitary sewer pump stations, three low pressure systems, and a network of gravity trunk sewers and forcemains;
- Two (2) new water supply sources and a network of distribution and feeder mains;
- Eight (8) community detention and water quality ponds and construction of a major drainage system; and
- Highway overpasses, intersection roundabouts, traffic signals, road widening, and upgrades throughout the area.

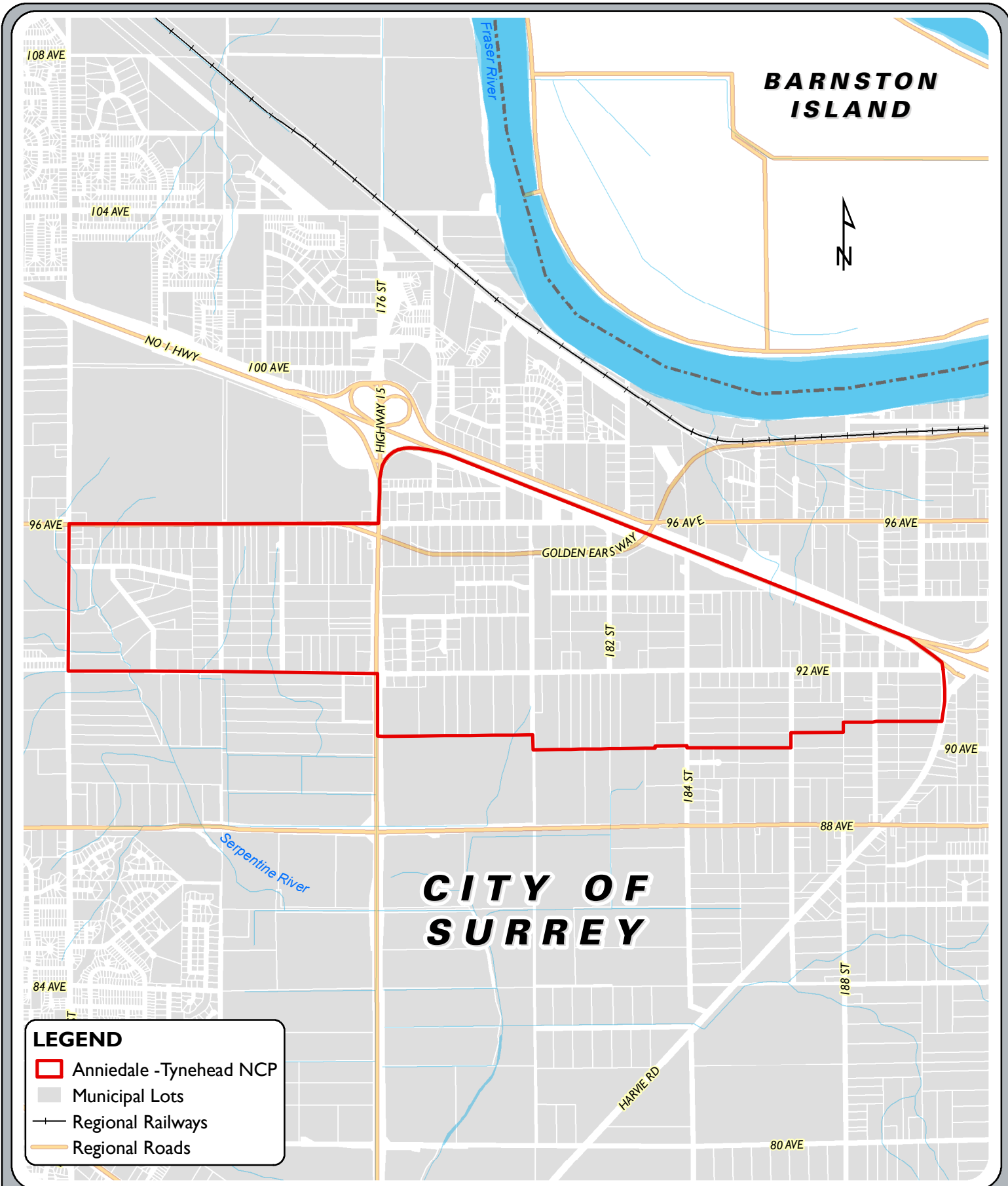


The complete servicing requirements are illustrated on **Figures 12.2** through **12.6**.

Table 12.1 – ANNIEDALE–TYNEHEAD NCP FUND REQUIREMENT SUMMARY

PROGRAM	GROWTH (\$)	NON-GROWTH (\$)	EXTERNAL (\$)	TOTAL (\$)
TRANSPORTATION – ARTERIAL	98,500,000		107,180,000	205,680,000
TRANSPORTATION – NON-ARTERIAL	25,500,000		34,655,000	60,155,000
DRAINAGE	26,637,000		-	26,637,000
WATER	20,500,000		-	20,500,000
SEWER	29,293,000		-	29,293,000
TOTAL	200,430,000		141,835,000	342,265,000

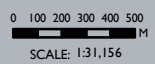
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FIGURE 12.2 - Transportation: Arterial Projects
Anniedale-Tynehead NCP (Program 1021) (Table 12.2)



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Date Printed: June 29, 2012 Cartographer: CS © City of Surrey
 Source: G:\MAPPING\GIS\MapalRecurring\10yrServicingPlan2012\Figure12_2.mxd

ANNIEDALE-TYNEHEAD

Table 12.2 - Program 1021 - Transportation Arterial

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13203	Traffic Signal	096 Ave / 173A St	NCP Driven	180,000	180,000		
13204	Traffic Signal	192 St / 80 Ave	NCP Driven	180,000	90,000		90,000
13205	Traffic Signal	184 St / 80 Ave	NCP Driven	180,000	90,000		90,000
13206	Traffic Signal	184 St / 90 Ave	NCP Driven	180,000	90,000		90,000
13207	Traffic Signal	180 St / 96 Ave	NCP Driven	180,000	180,000		
13208	Traffic Signal	180 St / 93A Ave	NCP Driven	180,000	180,000		
13209	Traffic Signal	088 Ave / 184 St	NCP Driven	180,000	72,000		108,000
13210	Traffic Signal	092 Ave / 188 St	NCP Driven	180,000	180,000		
13212	Traffic Signal	092 Ave / 184 St	NCP Driven	180,000	180,000		
13213	Traffic Signal	092 Ave / 180 St	NCP Driven	180,000	180,000		
13214	Traffic Signal	090 Ave / 192 St	NCP Driven	180,000	126,000		54,000
13215	Traffic Signal	090 Ave / Harvie Rd	NCP Driven	180,000	126,000		54,000
13216	Traffic Signal	088 Ave / 192 St	NCP Driven	180,000	72,000		108,000
13218	Traffic Signal	168 St / 94A Ave	NCP Driven	180,000	90,000		90,000
13234	Traffic Signal	088 Ave / 180 St	NCP Driven	180,000	72,000		108,000
13242	Traffic Signal	088 Ave / 188 St	NCP Driven	180,000	72,000		108,000
13252	Interchange	Hwy 15 / GEW	NCP Driven	47,500,000	11,870,000		35,630,000
13253	Ultimate Arterial Widening	192 St: 80 - 92 Ave	NCP Driven	19,200,000	9,600,000		9,600,000
13254	Ultimate Arterial Widening & New Arterial Widening	184 St: 80 - 93 Ave	NCP Driven	21,600,000	10,800,000		10,800,000
13255	Ultimate Arterial Widening (Special Section HH)	180 St: 88 - 96 Ave	NCP Driven	12,800,000	12,800,000		
13256	Ultimate Arterial Widening	168 St: 88 - 96 Ave	NCP Driven	14,400,000	7,200,000		7,200,000
13257	Interim Arterial Upsizing (Special Section II)	092 Ave: 180 St - Harvie Rd; Harvie Rd: 92 - 90 Ave	NCP Driven	18,200,000	18,200,000		
13258	Ultimate Arterial Widening	090 Ave: Harvie Rd - 192 St	NCP Driven	2,700,000	1,890,000		810,000
13260	Interchange	Hwy 1 / 192 St	NCP Driven	16,000,000	4,000,000		12,000,000
13268	Ultimate Arterial Widening	088 Ave: 168 -196 St	NCP Driven	50,400,000	20,160,000		30,240,000
				205,680,000	98,500,000	-	107,180,000

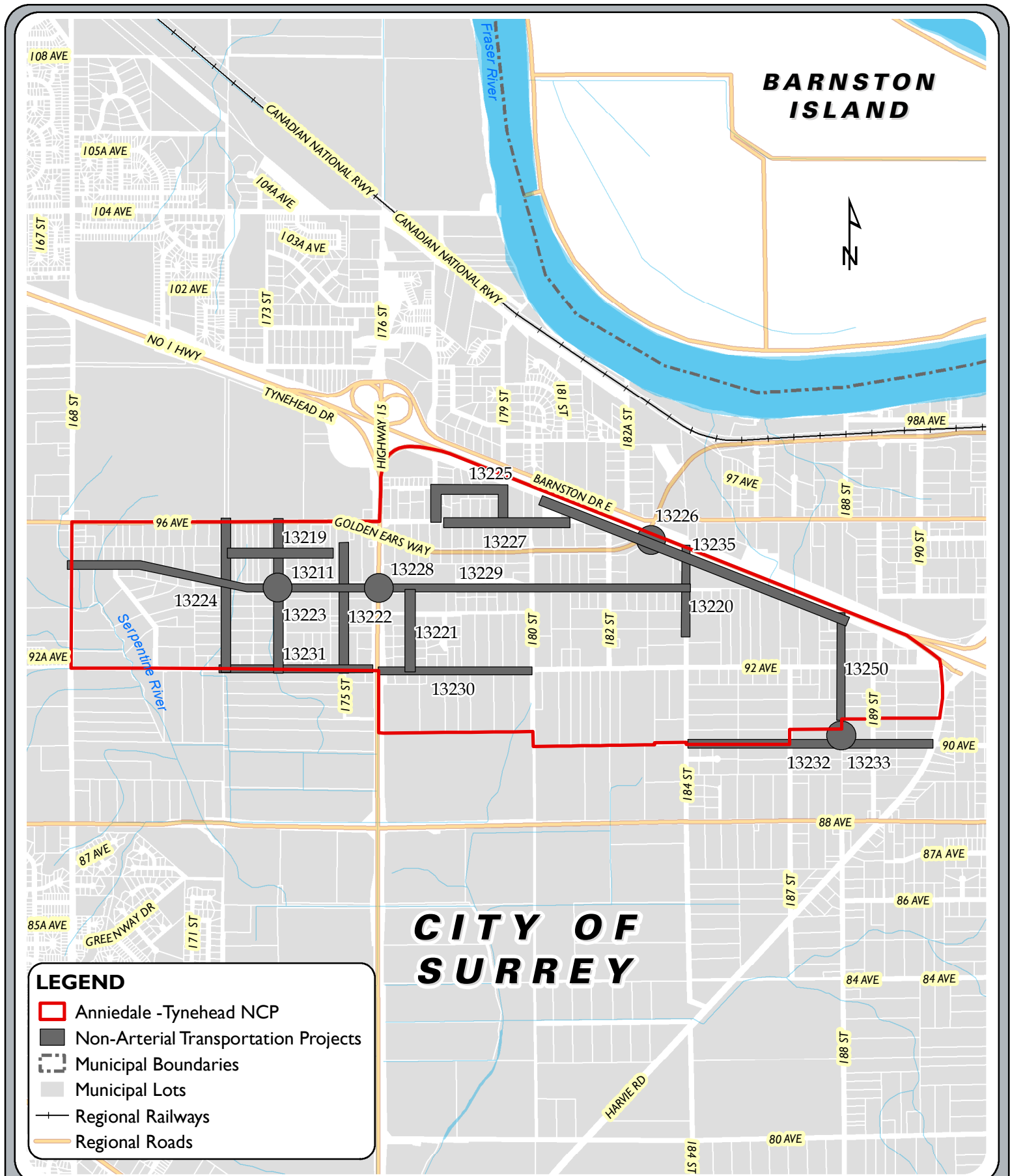


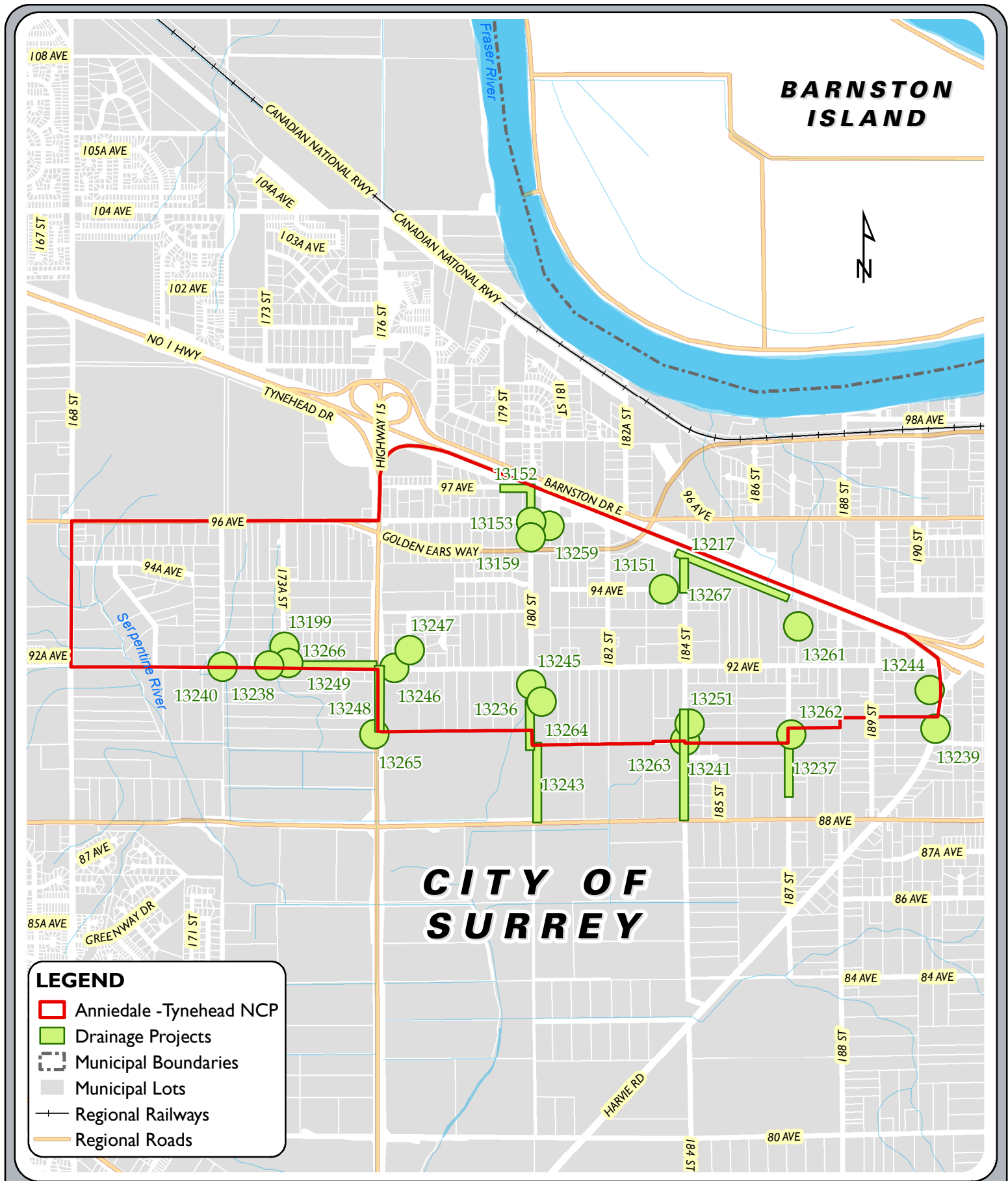
FIGURE 12.3 - Transportation: Non-Arterial Projects
Anniedale-Tynehead NCP (Program 1041) (Table 12.3)

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ANNIEDALE-TYNEHEAD

Table 12.3 - Program 1041 - Transportation Non-Arterial

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13211	Roundabout/Intersection Improvements	094A Ave / 173A St	NCP Driven	750,000	750,000		
13219	Upsizing (Special Section DD)	095 Ave: 172 - 175 St	NCP Driven	1,120,000	168,000		952,000
13220	Upsizing	184 St: 92A Ave - Hwy 1	NCP Driven	1,475,000	310,000		1,165,000
13221	Upsizing	177 St: 92 - 93A Ave	NCP Driven	1,005,000	211,000		794,000
13222	Upsizing Special Section EE	175 St: 92 - 95 Ave	NCP Driven	1,545,000	351,000		1,194,000
13223	Upsizing	173A St: 92 - 96 Ave	NCP Driven	2,870,000	603,000		2,267,000
13224	Upsizing	172 St: 92 - 96 Ave	NCP Driven	2,870,000	603,000		2,267,000
13225	Anniedale Triangle Upsizing	097 Ave: 177A - 179 St; 177A St: 96 - 97 Ave; 179 St: 96 - 9	NCP Driven	3,000,000	675,000		2,325,000
13226	Frontage Road Overpass Structure	Hwy 1 / Golden Ears Way	NCP Driven	5,500,000	5,500,000		
13227	Upsizing	096 Ave: 177A - 181A St	NCP Driven	2,515,000	527,000		1,988,000
13228	Overpass Structure	094 Ave / Hwy 15	NCP Driven	6,500,000	6,500,000		
13229	Upsizing & South Side of 94A Ave (Special Section AA)	094A Ave: 168 - 176 St; 93A Ave: 176 - 184 St	NCP Driven	13,200,000	2,973,000		10,227,000
13230	Upsizing	092 Ave: 176 - 180 St	NCP Driven	3,112,000	654,000		2,458,000
13231	Upsizing & South Side (Special Section CC)	092 Ave: 172 - 176 St	NCP Driven	2,230,000	670,000		1,560,000
13232	Upsizing	090 Ave: 184 St - Harvie Rd	NCP Driven	1,810,000	325,000		1,485,000
13233	Roundabout/Intersection Improvements	090 Ave / 188 St	NCP Driven	750,000	750,000		
13235	Upsizing of Frontage Rd (Special Section GG)	Hwy 1: 181 - 188 St	NCP Driven	6,370,000	3,188,000		3,182,000
13250	Upsizing	188 St: 90A Ave - Hwy 1	NCP Driven	3,533,000	742,000		2,791,000
			TOTAL	60,155,000	25,500,000	-	34,655,000



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ANNIEDALE-TYNEHEAD

Table 12.4 - Program 1676 - Drainage

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13151	200m of 1050mm diameter	094 Ave: 183 - 184 St	NCP Driven	371,000	371,000		
13152	250m of 900mm diameter	097 Ave: 179 - 180 St; 180 St: 97 - 96 Ave	NCP Driven	347,000	347,000		
13153	65m of 1050mm diameter	096 Ave / 180 St	NCP Driven	108,000	108,000		
13159	160m of 1050mm diameter	180 St: 96 Ave - Golden Ears Way	NCP Driven	297,000	297,000		
13199	150m of 900mm diameter	173A St: 92 - 93 Ave	NCP Driven	249,000	249,000		
13217	150m of 1050mm diameter	184 St: 94 - 95 Ave	NCP Driven	279,000	279,000		
13236	270m of 525mm diameter	180 St: 91 - 90 Ave	NCP Driven	266,000	266,000		
13237	250m of ditch improvement	187 St: 89 - 90 Ave	NCP Driven	34,000	34,000		
13238	200m of ditch improvement	092 Ave: 173 - 173A St	NCP Driven	27,000	27,000		
13239	100m of ditch improvement	Harvie Rd: 91 - 90 Ave	NCP Driven	14,000	14,000		
13240	150m of 750mm diameter	172 St: 93 - 92 Ave	NCP Driven	220,000	220,000		
13241	400m of ditch improvement	184 St: 90 - 88 Ave	NCP Driven	54,000	54,000		
13243	400m of ditch improvement & ROW	180 St: 90 - 88 Ave	NCP Driven	509,000	509,000		
13244	Anniedale 6 detention pond	191 St / 91 Ave	NCP Driven	3,279,000	3,279,000		
13245	150m of 450mm diameter	180 St: 91 - 92 Ave	NCP Driven	134,000	134,000		
13246	150m of 750mm diameter	092 Ave: 176 - 177 St	NCP Driven	220,000	220,000		
13247	170m of 600mm diameter	177 St: 93 - 92 Ave	NCP Driven	217,000	217,000		
13248	350m of 900mm diameter	176 St: 90A - 92 Ave	NCP Driven	809,000	809,000		
13249	350m of ditch improvement	092 Ave: 173A - 176 St	NCP Driven	47,000	47,000		
13251	290m of 900mm diameter	184 St: 91A - 90 Ave	NCP Driven	482,000	482,000		
13259	Anniedale 7 detention pond	096 Ave / 180 St	NCP Driven	4,888,000	4,888,000		
13261	Anniedale 8 water quality pond	187 St / 93 Ave	NCP Driven	2,217,000	2,217,000		
13262	Anniedale 5 water quality pond	090 Ave / 187 St	NCP Driven	1,439,000	1,439,000		
13263	Anniedale 4 water quality pond	184 St / 90 Ave	NCP Driven	1,679,000	1,679,000		
13264	Anniedale 3 water quality pond	180 St / 91 Ave	NCP Driven	1,738,000	1,738,000		
13265	Anniedale 2 water quality pond	90A Ave / Hwy 15	NCP Driven	2,967,000	2,967,000		
13266	Tynehead 1 water quality pond	173A St / 92 Ave	NCP Driven	2,122,000	2,122,000		
13267	1050m of 1050mm diameter	South of Hwy 1: 184 - 187 St	NCP Driven	1,624,000	1,624,000		
			TOTAL	26,637,000	26,637,000	-	-



ANNIEDALE-TYNEHEAD
Table 12.5 - Program 1621 - Water

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13138	9,345m of 300mm diameter	various upsizing (200 to 300mm diameter)	NCP Driven	1,869,000	1,869,000		
13145	1,595m of 300mm diameter	various upsizing (250 to 300mm diameter)	NCP Driven	159,500	159,500		
13173	440m of 300mm diameter	096 Ave: 177 - 180 St	NCP Driven	325,600	325,600		
13174	1,060 of 450mm diameter	Hwy 1: 168 - 173 St	NCP Driven	901,000	901,000		
13175	1,060 of 450mm diameter	South of Hwy 1: 173 -176 St; 176 St: South of Hwy 1 - 96 Ave	NCP Driven	901,000	901,000		
13176	350m of 450mm diameter	096 Ave: Hwy 15 - 177 St	NCP Driven	297,500	297,500		
13177	505m of 300mm diameter	096 Ave: Hwy 15 - 173A St	NCP Driven	373,700	373,700		
13178	PRV station	096 Ave/173A St	NCP Driven	115,000	115,000		
13179	MV Connection	Cherry Hill Cres/168 St	NCP Driven	102,500	102,500		
13180	PRV station	096 Ave/179 St	NCP Driven	115,000	115,000		
13181	550m of 750mm diameter	153 St: 90 - 92 Ave	NCP Driven	935,000	935,000		
13182	3,000m of 750mm diameter	092 Ave: 153 - 168 St	NCP Driven	5,100,000	5,100,000		
13183	2,405 of 750mm diameter	092 Ave: 168 - 180 St	NCP Driven	4,088,500	4,088,500		
13184	955m of 600mm diameter	092 Ave: 180 - 185 St	NCP Driven	1,260,600	1,260,600		
13185	780m of 450mm diameter	092 Ave: 185 - 191 St	NCP Driven	663,000	663,000		
13187	770m of 350mm diameter	180 St: 96 - 92 Ave	NCP Driven	592,900	592,900		
13189	1,095m of 300mm diameter	096 Ave: 173A - 168 St	NCP Driven	814,000	814,000		
13201	1,060 of 450mm diameter	168 St: 106 Ave - Hwy 1	NCP Driven	901,000	901,000		
13202	760m of 350mm diameter	168 St: 96 - 92 Ave	NCP Driven	585,200	585,200		
13271	Watermain Crossing at Hwy 1	Hwy 1 / 173 St	NCP Driven	400,000	400,000		
			TOTAL	20,500,000	20,500,000	-	-

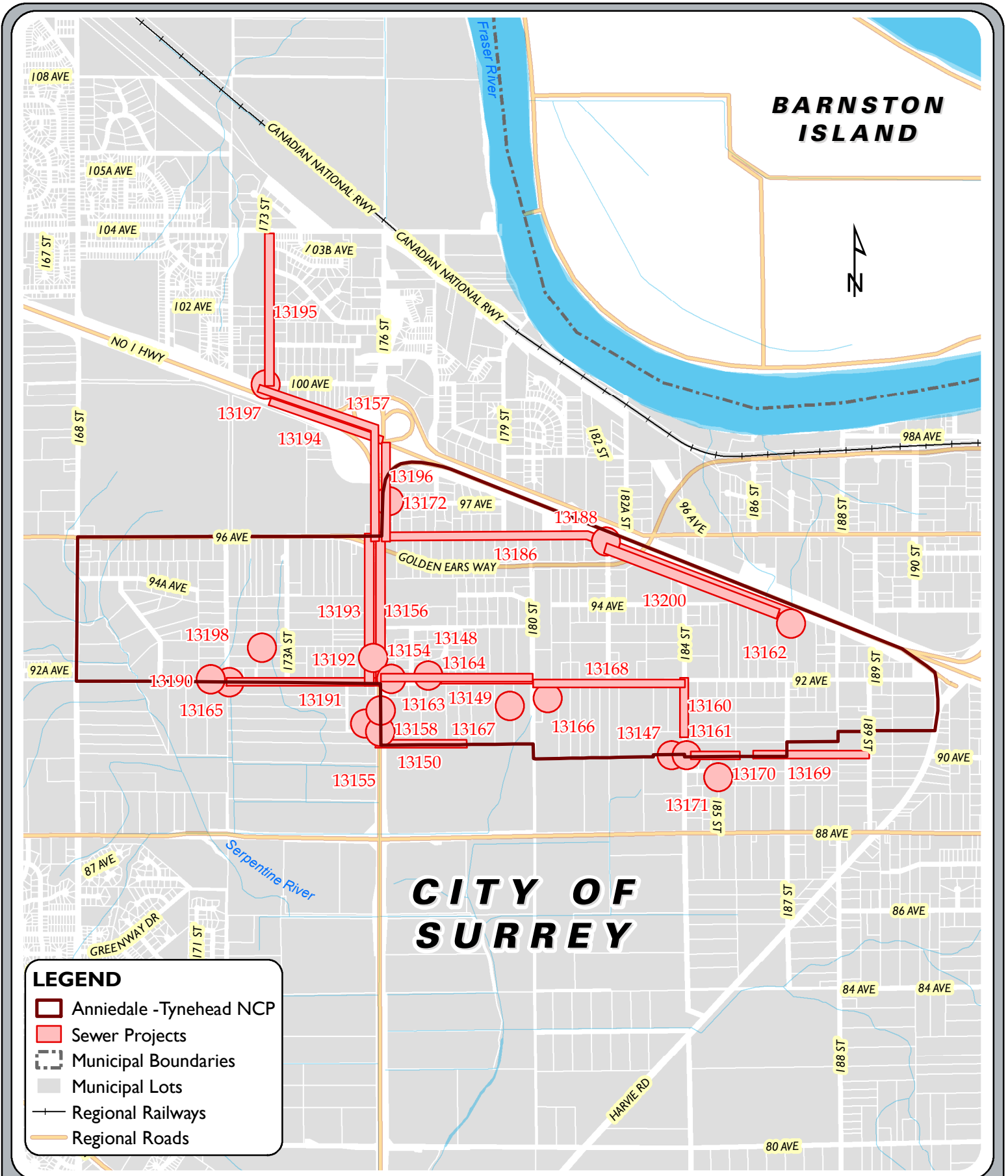
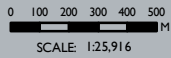


FIGURE 12.6 - Sewer Projects
Anniedale-Tynehead NCP (Program 1641) (Table 12.6)



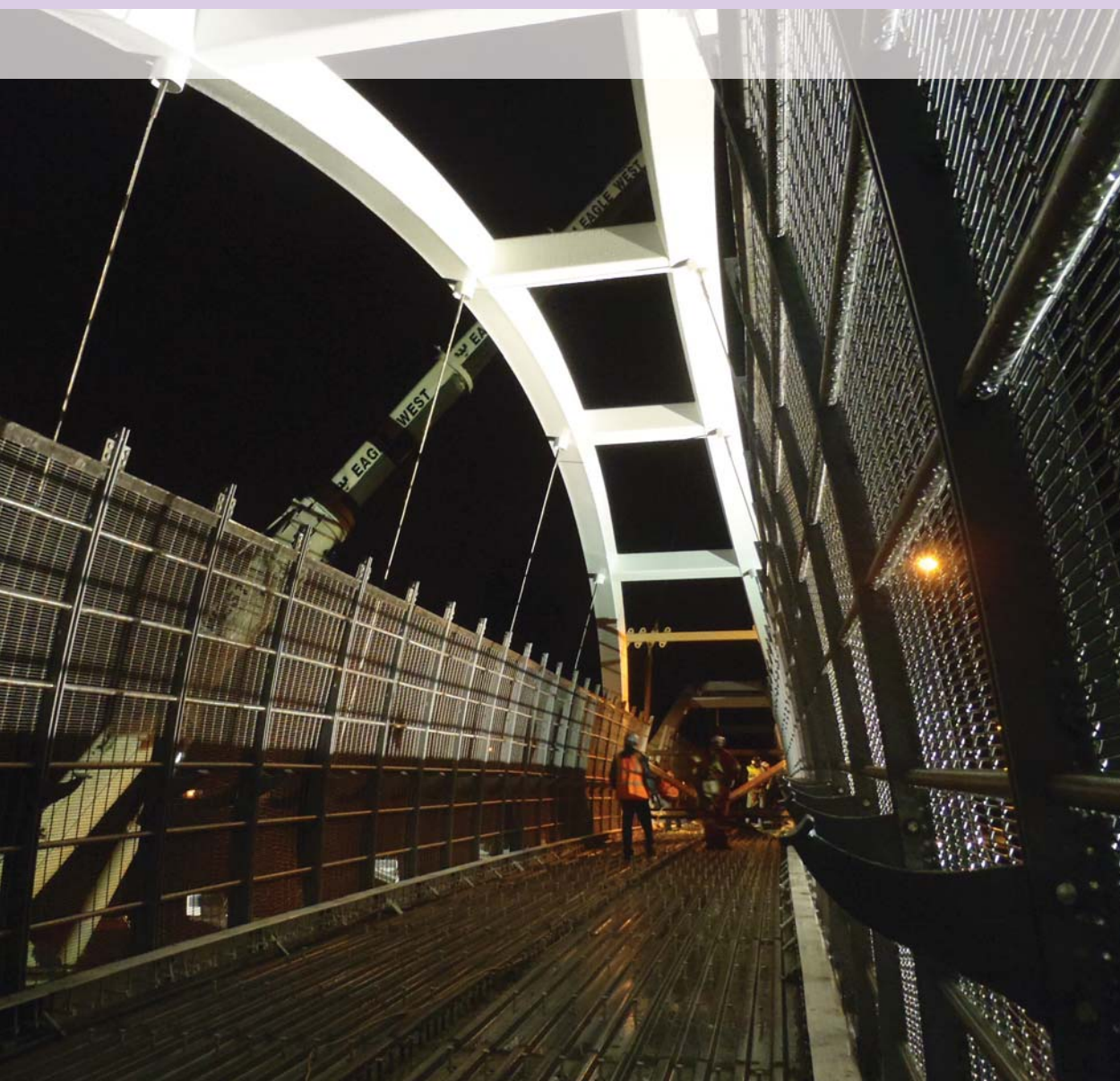
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ANNIEDALE-TYNEHEAD
Table 12.6 - Program 1641 - Sewer

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13139	435m of 375mm diameter	Tynehead 375mm dia upsizing	NCP Driven	104,500	104,500		
13140	160m of 300mm diameter	Tynehead 300mm dia upsizing	NCP Driven	22,000	22,000		
13141	270m of 250mm diameter	Tynehead 250mm dia upsizing	NCP Driven	17,500	17,500		
13142	1,135m of 250mm diameter	Anniedale A1/B1/B4 250mm dia upsizing	NCP Driven	72,500	72,500		
13143	350m of 300mm diameter	Anniedale A1/B1/B4 300mm dia upsizing	NCP Driven	47,500	47,500		
13144	75m of 375mm diameter	Anniedale A1/B1/B4 375mm dia upsizing	NCP Driven	18,000	18,000		
13146	100m of 300mm diameter	Anniedale B3 300mm dia upsizing	NCP Driven	13,500	13,500		
13147	Anniedale B2 pump station	184 St / 89 Ave	NCP Driven	4,400,000	4,400,000		
13148	390m of 375mm diameter (upsizing)	092 Ave: 177 - 176 St	NCP Driven	93,500	93,500		
13149	690m of 300mm diameter (upsizing)	091 Ave: 180 - 178 St	NCP Driven	94,000	94,000		
13150	135m of 375mm diameter (upsizing)	090A Ave: 178 - 176 St	NCP Driven	32,500	32,500		
13154	200m of 400mm diameter	Hwy 15: 91 - 92 Ave	NCP Driven	194,000	194,000		
13155	Anniedale B4 odour control	Hwy 15 / 91 Ave	NCP Driven	60,000	60,000		
13156	980m of 500mm diameter	Hwy 15: 92 - 96 Ave	NCP Driven	1,065,500	1,065,500		
13157	1150m of 650mm diameter	Hwy 15: 96 Ave - s. of Hwy 1; s. of Hwy 1: Hwy 15 - 173 St	NCP Driven	1,396,000	1,396,000		
13158	Anniedale B4 Pump Station	176 St / 91 Ave	NCP Driven	3,500,000	3,500,000		
13160	400m of 250mm diameter	184 St: 90 - 92 Ave	NCP Driven	304,000	304,000		
13161	Anniedale B2 odour control	090 Ave / 184 St	NCP Driven	60,000	60,000		
13162	Anniedale Pump Station	South of Hwy 1 / 187 St	NCP Driven	3,600,000	3,600,000		
13163	265m of 375mm diameter (upsizing)	092 Ave: 178 - 177 St	NCP Driven	63,500	63,500		
13164	850m of 250mm diameter	092 Ave: 180 - 176 St	NCP Driven	646,000	646,000		
13165	Tynehead Pump Station	092 Ave / 172 St	NCP Driven	3,300,000	3,300,000		
13166	220m of 300mm diameter (upsizing)	091 Ave: 180 - 181 St	NCP Driven	30,000	30,000		
13167	Anniedale B3 Trunk ROW	091 Ave / 179 St	NCP Driven	225,000	225,000		
13168	920m of 250mm diameter	092 Ave: 184 - 180 St	NCP Driven	699,000	699,000		
13169	890m of 525mm diameter	090A Ave: 189 - 186 St	NCP Driven	822,000	822,000		
13170	190m of 600 diameter	090 Ave: 186 - 184 St	NCP Driven	191,000	191,000		
13171	Anniedale B2 Trunk ROW	089 Ave / 185 St; 90A Ave / 188 St; 91 Ave / 188A St	NCP Driven	235,000	235,000		
13172	Hwy 15 crossing	Hwy 15 / 97 Ave	NCP Driven	200,000	200,000		
13186	2140m of 400mm diameter	South of Hwy 1: 182 - 187 St; 96 Ave: 182 St - Hwy 15	NCP Driven	2,078,000	2,078,000		
13188	Anniedale A odour control	096 Ave / 182 St	NCP Driven	60,000	60,000		
13190	355m of 375mm diameter (upsizing)	092 Ave: 171 - 172 St	NCP Driven	85,500	85,500		
13191	835m of 400mm diameter	092 Ave: 176 - 172 St	NCP Driven	811,000	811,000		
13192	Tynehead forcemain odour control	Hwy 15 / 92A Ave	NCP Driven	60,000	60,000		
13193	980m of 400mm diameter	Hwy 15: 96 - 92 Ave	NCP Driven	952,000	952,000		
13194	1150m of 400mm diameter	South of Hwy 1: 176 - 173 St; Hwy 15: 96 Ave-south of Hwy 1	NCP Driven	1,117,000	1,117,000		
13195	800m of 600mm diameter	173 St: Hwy 1 - 104 Ave	NCP Driven	1,133,000	1,133,000		

ANNIEDALE-TYNEHEAD**Table 12.6 - Program 1641 - Sewer**

Project ID	Project Name	Project Location	Priority	Total Cost	Growth Component	Non-Growth Component	External Funding
13196	Tynehead Trunk ROW	097 Ave / 175A St	NCP Driven	90,000	90,000		
13197	Hwy 1 crossing	Hwy 1 / 173 St	NCP Driven	500,000	500,000		
13198	South Port Kells odour control	173 St / 92A Ave	NCP Driven	660,000	660,000		
13200	1000m of 375mm diameter (upsizing)	South of Hwy 1: 182 - 187 St	NCP Driven	240,000	240,000		
			TOTAL	29,293,000	29,293,000	-	-



Tynehead Pedestrian Bridge, completed 2011.

APPENDIX II

Proposed Amendments to Development Cost Charge By-law, 2012, No. 17539

It is proposed that the By-law be amended as follows:

1. In section 2, insert a new definition immediately before the definition for “Assisted Living Residence” as follows:

“Anniedale-Tynehead means the area of the City of Surrey shown as Area XXVII in Schedule “F” of the Surrey Zoning By-law.”
2. In section 5, insert immediately after “in Schedule “A”” the following:

“for the entire City of Surrey except Anniedale-Tynehead, and Schedule “A-1” for Anniedale-Tynehead”
3. In section 13, insert at the beginning of the section, immediately before “*Surrey Development Cost Charge By-law, 2011, No. 17330*” the following:

“Subject to section 14,”
4. Add a new section 14 as follows:

“ 14. For Anniedale-Tynehead, *Surrey Development Cost Charge By-law, 2012, No. 17539, Amendment By-law, 2012, No. 17668* is applicable, except in the case of:

 - (a) applications for subdivision of land that are in-stream on July 27, 2012 and which are completed within one year of July 27, 2012; and
 - (b) building permits that are in-stream on July 27, 2012 and which are issuable within one year of July 27, 2012,

in which case *Surrey Development Cost Charge By-law, 2011, No. 17330* or *Surrey Development Cost Charge By-law, 2012, No. 17539*, prior to this amendment by-law, shall apply.”
5. Add a new Schedule “A-1” immediately following the existing Schedule “A” as attached as Schedule “A-1” to this By-law.

Schedule "A-1"									
Surrey Development Cost Charge By-law, 2012, No. 17539									
No	Zones and Land Uses	DCC Components						Total	Units for Each Column
		Water	Sewer	Arterial Roads	Collector Roads	Drainage	Parkland Acquisition		
	CTA, CPG, CPM CPR, and CCR								
14	CTA	\$1,450	\$2,080	\$5,060	\$1,310	\$1,050	\$0.00	\$10,950	/pad (e)
15	CPG, CPM, CPR, CCR	\$1.06	\$1.38	\$6.56	\$1.70	\$1.86	\$0.00	\$12.56	/sq.ft. of BA
	Dwelling Units in Non Residential								
16	DU in Non Residential Zones	\$2.00	\$2.87	\$10.31	\$2.67	\$1.19	\$5.63	\$24.67	/sq.ft. of DU (c)
	Industrial								
17	All Industrial Zones & Land Uses - Developed Area	\$9,679	\$13,844	\$60,928	\$15,773	\$40,489	\$0.00	\$140,713	/acre (d)
18	All Industrial Zones & Land Uses - All other floors	\$0.22	\$0.32	\$0.64	\$0.17	\$0.19	\$0.00	\$1.54	/sq.ft. of BA (d) (f)
	Institutional								
19	PA-1, PA-2, PC	\$1.06	\$1.38	\$0.00	\$0.00	\$1.86	\$0.00	\$4.30	/sq.ft. of BA (d)
20	Public & Private Schools (to grade 12)	\$1.06	\$1.38	\$0.00	\$0.00	\$1.86	\$0.00	\$4.30	/sq.ft. of BA (d)
21	Public & Private Schools (Post Secondary)	\$1.06	\$1.38	\$5.25	\$1.36	\$1.86	\$0.00	\$10.91	/sq.ft. of BA (d)
22	Hospitals	\$1.06	\$1.38	\$2.62	\$0.68	\$1.86	\$0.00	\$7.60	/sq.ft. of BA (d)
23	Federal and Provincial Buildings	\$1.06	\$1.38	\$5.16	\$1.33	\$0.62	\$0.00	\$9.55	/sq.ft. of BA (d)
24	Municipal Buildings	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	/sq.ft. of BA

Comments:

- (a) Based on an ultimate of 2 DU per lot.
- (b) Rate to be charged based on the total sq. ft. of DU to a maximum of \$38,098/DU.
- (c) Rate to be charged based on the total sq. ft. of DU to a maximum of \$33,264/DU.
- (d) Dwelling Units within Non Residential Zones and Land Uses shall be charged the applicable rate in line 16.
- (e) Rate to be charged per trailer pad or camping site in addition to rate of lines 12 and 13 for BA of any other building.
- (f) Rate to be charged for all other floors in addition to rate of line 17.