

Project List 2012

#	Project #	Title	Description	Expense
1	119	C1 - 100 St Railroad Crossing	This is for the improvement of the railroad crossing signals at 100 St	50,000
2	109	C1 - Downtown Enhancements	This is for the continuation of the Downtown Revitalization strategy	150,000
3	110	C1 - Intersection Improvements	This is to do intersection improvements as outlined in the Street Network Screening Report from Opus International	150,000
4	14	C1 - Studies, Pre-engineering	This is to fund the pre-engineering of works proposed for the upcoming budget year, i.e. - surveys, cost estimates, preliminary design etc. This is also for the cost of getting a new air photo which is a great benefit for planning and design, also for a LIDAR survey of the City	190,000
5	17	C1 - 106 St (100 Ave - 114 Ave)	This is for the reconstruction of 106 St from 100 Ave to 114 Ave. The first phase in 2011 was from 110 Ave to 114 Ave. Phase two in 2012 would be from 110 to 106 Ave. The third phase in 2013 would be from 106 Ave to 100 Ave.	1,400,000
6	16	C1 - 86 St Paving (109 Ave - 115 Ave)	This is to urbanize the City portion of 86 St and complete the roundabout	900,000
7	101	C1 - Road Upgrading - 95 Ave (100 St - 102 St)	The water main on this block was replaced after a number of failures the previous winter. The storm sewer was upgraded to help ensure that the flooding potential was decreased. The decision was made to complete the full reconstruction of this block, much of the work got completed before winter came but there still is sidewalk to install, streetlight work and driveway restorations to complete. these funds are to complete this work	300,000
8	15	C1 - 90 St (107A Ave - 112 Ave)	This is to construct 90 St from 107A Ave to 112 Ave. There will be sidewalk, LED streetlighting, curb and gutter, full base construction, catch basins and storm sewer, and asphalt. The water main was installed in this right of way in 2011, sanitary sewer already exists	2,500,000
9	19	C1 - Road Overlay - Major Maintenance	This is for overlay and hot asphalt patching of existing paved streets	500,000
10	96	C1 - LAS - 108 St Sanitary Sewer	There must be a sanitary sewer main constructed down 108 St from 102 Ave to 97 Ave, and ultimately through to the new Alaska Highway Trunk Main. The 108 St component of this project will be paid for by the two benefitting developers through an LAS	1,500,000
11	20	C1 - Storm Sewers - Kin Park	This is to complete the storm sewer through Kin Park. This will allow the remainder of the existing ditch to be filled in	80,000
12	21	C1 - Storm Sewer - 89 Ave east of 107 St	This is to replace the existing storm sewer. It has shifted up and has caused a large bump in the street. It must be replaced and the road patched	90,000
13	111	C1 - Traffic Signals - 86 St - 89 Ave	Replacement of existing overhead flashing pedestrian signals with full traffic signals and relocate the existing ped signals to 93 Ave at 87 St (High School)	370,000
14	23	C1 - Traffic Signal Controller Upgrades	A number of the older existing traffic signal controllers are no longer supported and replacement parts are getting hard to find. These units need to be replaced with current controllers.	80,000
15	25	C1 - Pedestrian Controlled Crosswalk (100 St - 104 Ave)	This is to install pedestrian controlled crossing signals on 100 St at 104 Ave. This project was not completed in 2010 and was moved into 2011. The equipment has been purchased for this and the only remaining work is the actual installation	60,000
16	22	C1 - Sidewalks - New Bus Shelters	This is for the purchase of new bus shelters to match the existing ones	20,000

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17	47	C2 - City Hall - APU - engineering study	City Hall has very limited battery backup, it is currently designated as the Emergency Operation Center and if the power were out then City Hall and the EOC could not operate. Computers and data would not be accessible. The study would provide clear direction on the size and location of the APU (Auxiliary Power Unit). One option would be to relocate the APU from the existing Fire Hall if it is adequate, when the new Fire Hall is operational	20,000
18	50	C2 - Public Works Building - HVAC and Lighting Upgrades	This is to replace a number of old inefficient overhead furnaces and old fluorescent fixtures	30,000
19	51	C2 - Public Works Building - Shop Utilization Study - Lean-To Structure	The PW shop is very crowded, and mechanics space is quite limited. The study would be done to provide guidance on how best to expand the shop or utilize the space within. The other funds would be to build a cold storage lean-to structure to provide storage for those materials that can be kept in unheated spaces	250,000
20	105	C2 - North Peace Arena - Chiller	This is to replace the existing chiller at the North Peace Arena.	150,000
21	56	C2 - Pomeroy Sport Centre - Bleachers and Equipment	This is for the purchase of additional bleachers and equipment	200,000
22	124	C2 - Pomeroy Sport Centre - Sport Celebration Project	This is to fund the construction of the sport celebration project at the Pomeroy Sport Centre.	250,000
23	57	C2 - Pomeroy Sport Centre - Accessibility Upgrades	Some of the main doors do not have wheel chair accessible access. These funds would be used to do these upgrades	50,000
24	118	C2 - Pomeroy Sport Centre - Electronic Sign	This is to build and install the electronic pylon sign and building sign	150,000
25	58	C2 - Pomeroy Sport Centre - East Wing Internal Construction	This is for the construction in the east wing of the building	1,650,000
26	59	C2 - Pomeroy Sport Center - Acoustics Study	This is for an acoustics study, so that noise interaction between ice surfaces can be mitigated	10,000
27	53	C2 - Curling Rink - Elevator	This is for the installation of an elevator in the Curling Rink This will make the second floor more accessible	230,000
28	55	C2 - Curling Rink - HVAC upgrades	This is for phased upgrades to the HVAC system at the curling rink	80,000
29	65	C2 - Centennial Park - Improvement Project	This is a multi year project to redefine, redesign, improve infrastructure, identify needs, and reshape this important central park and public meeting space	100,000
30	66	C2 - Kin Park - Outdoor (Green) Gym Equipment	This is for the completion of the outdoor (green) gym equipment installation	20,000
31	68	C2 - Surerus Fields - fencing and field repairs	This is for the installation of a chain link fence on the north side of the soccer fields to provide protection for the people sitting there from baseballs that are hit out of the adjoining diamond	30,000
32	77	C2 - Neighbourhood Parks - Playground Equipment Upgrading	This is to upgrade the playground equipment in neighbourhood parks, for 2012 the playground equipment is proposed for the green space at 112 Ave - 103 St. For 2013 the playground will be 76 St park in South Anneofield. future years are not yet designated	100,000
33	78	C2 - Neighbourhood Parks - Community Forest Trail Upgrading	The trails in the Community Forest are very well used, in 2011 the trail to the old homestead was widened and paved. For 2012 some of the bridges are proposed to be replaced, this will allow the ability of maintenance equipment to cross over the bridges and things like the removal of fallen trees will be made much easier. This will make the trails a safer place to walk	100,000
34	79	C2 - Neighbourhood Parks - Community forest - Washroom Facility	This is to construct a washroom facility at the trail head of the Community forest Trails	80,000
35	80	C2 - Neighbourhood Parks - 94 Ave Trail	The existing trail along 94 ave from 96 St to 93 St has received CIPP grant funding of \$100,000. The upgrade of this trail will bring it from a gravel trail to a 3 meter wide paved trail with LED streetlighting	450,000
36	81	C2 - Neighbourhood Parks - Dog Park	This is for the construction of a dog park in Toboggan Hill Park	25,000
37	106	C2 - Visitor Centre - Facility Study	This is for an analysis of the existing building and recommendations for improvements	10,000
38	70	C2 - Kid's Arena Fieldhouse - Upgrades	This is for the upgrading of the Kid's Arena Fieldhouse. Exterior is in poor repair	150,000
39	71	C2 - Cemeteries - Fencing at Fort St. John Cemetery	This is to replace the front fence along 100 Ave at the Fort St. John Cemetery.	150,000
40	72	C2 - Protective Services/Facilities Building - Upgrade	This is to complete the renovation and energy upgrade to the facilities building. The ground source heat and windows have been installed. The exterior still needs to be completed	30,000
41	74	C2 - Sustainability Initiatives - Passivhaus	This is for the construction of a "passivhaus". This will be a net zero energy demonstration house that will showcase energy efficient construction and management practices. After about three years the house can be sold and the money invested into the house will be covered	300,000

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42	76	C2 - Buildings to Demolish - 10040 - 102 St	This is for the demolition of the building at 10040 - 102 St (across from the Post Office)	230,000
43	84	C2 - Business Resource Center - Facility Study	This is for an analysis of the existing building and recommendations for improvements	10,000
44	88	C2 - North Peace Cultural Center - Upgrading	These are funds allocated to the NPCC for repairs and upgrading. In 2012 the remainder of the roof needs to be repaired	130,000
45	89	C2 - RCMP Building	These are funds designated for the upgrading of security systems and upgrading the building	500,000
46	123	C2 - Fire Hall - Existing Fire Hall - Facility Study	The existing Fire Hall will no longer be required by the Fire Department when the new Fire Hall is completed. This study would provide information on building condition, and possible options for future use	20,000
47	90	C2 - Fire Hall - New Fire Hall	This is for design and construction of a new Fire Hall	8,000,000
48	28	C3 - Water Main Looping - Airport Road to Elevator Road	This is for the construction of a water main connecting the mains on Airport Road and Elevator Road.	1,000,000
49	122	C3 - Water Main Looping - 108 St	This is to loop the water mains on 108 St, from 99 Ave to 100 Ave and from 102 Ave to 104 Ave. This will significantly increase the fire flows in this area and remove a long dead end	425,000
50	120	C3 - Water Main Looping - 79 Ave east of 93 St	This is to install a 300 mm diameter water main and fire hydrants on 79 Ave from 93 St to 90 St then north to 81 Ave. This is to improve and extend the water network and provide water to the fire department training lot	350,000
51	107	C3 - Water Main Looping - West Bypass Road	This is for the City's portion of the construction of a water main connecting the mains along the West Bypass Road.	250,000
52	30	C3 - HLPS Pump Refurbishment	This is to refurbish the third high lift pump. The other two have already been done and this should not have to happen again for a few years	60,000
53	33	C3 - HLPS - New Well	A new well is required so that the existing Well #4 can be decommissioned. Well #4 produces water that is quite hard and high in iron and manganese. This well is currently only used when demand is very high, but it is counter productive as it shortens the filter run times at the water treatment plant and people start to complain more about hard water. If a new well was installed then #4 could be taken out of service and the City would have better quality water during high demand times and more volume as well as filter runs would not be adversely affected.	250,000
54	31	C3 - Charlie Lake Wier	The weir needs maintenance on the gabions. These are concrete blocks that are held together by cable. Over the years some have been displaced and need to be reset	20,000
55	34	C3 - Rural Water Station - System Upgrade	The existing system will be replaced with a new control system. The new system will also be used for smaller users as the existing SmartCard system does not allow us to track usage if the card is lost	110,000
56	35	C3 - Rural Water Station - Resurface Asphalt	The asphalt surface at the Rural Water Station is degrading a need to be resurface with a new lift of asphalt. This work can happen over the next two years.	100,000
57	32	C3 - 79 St Pumphouse - Landscape and Fence	The fence along the north side of the reservoir is too close to property maintain. The fence should be relocated to allow a riding mower room to turn at the base of the berm. This has been a safety concern for a number of years.	15,000

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58	36	C3 - Sewage Lift Station - Replacement Pump	This is for the purchase of a replacement pump. There are three pumps at the lift station and if one of them is out for repair there is significant potential risk of flooding if a major rain event happens. Having a spare pump is good operational practice.	60,000
59	37	C3 - Sewer Lift Station - VFD Installation	This is for the installation of VFD controllers. These controllers allow for smoother operation of the pumps at the lift station and are more energy efficient than the existing controllers.	15,000
60	108	C3 - South Lagoons - Aeration improvements	The existing aeration system in the South Lagoons aerated cells is failing. The fine bubble diffusers should be replaced after approximately 10 years, they have been in for fourteen. The problem is that the submerged air lines to the diffusers are now stuck in the sludge that has built up making it almost impossible to pull of the lines. This retrofit will include suspending new air lines across the cells with hanging diffusers. This will make future maintenance much easier.	350,000
61	38	C3 - South Lagoon Outfall Building - APU	The South Lagoon Outfall Building is an integral part of the communication system to the High Lift Pump Station, when power is lost at this site then we cannot communicate to the pump station. There is short term battery back up but an APU (auxiliary power unit) is required to provide longer term backup power. These funds would purchase an APU and the required switch gear.	25,000
62	39	C3 - South Lagoons - Fencing	This is to replace a large portion of the existing page wire fence with chain link fencing. The existing fencing is frequently cut and ATV's or snowmobiles go through. This is very dangerous especially when the lagoons are partially ice covered. The chain link fencing will greatly reduce this liability.	50,000
63	40	C3 - South Lagoons - Replacement Blower	This is to purchase a replacement blower. This will provide a spare when one blower fails. It is critical to have enough air blowing into the lagoons to ensure permit requirements are met.	15,000
64	41	C3 - South Lagoons - HVAC improvements	The blowers in the blower building generate a lot of heat. Larger grates and fans have been installed but the building temperature frequently reaches 60 degrees Celsius. With the additional complete mix cell that was completed last year another blower was added to the building. This increases the heat generation in the building. These funds would be used to install additional grating and fan system.	10,000
65	42	C3 - Water / Sewer Conservation Initiatives and Rebates	These are funds for water conservation initiatives and rebates. The most successful rebate was the toilet rebate. In 2011 the rebate was limited to business only as they had not subscribed to the program very much in the past. These funds would be for a new initiative or some version of the toilet rebate.	100,000
66	44	C3 - Sewer - Effluent Reuse / LWMP Update	This is to develop an effluent reuse plan and to update the Liquid Waste Management Plan.	85,000
67	46	C3 - Effluent Reuse Station	This is to construct an effluent reuse station. This will only happen if funding partners are guaranteed. This project would take the existing treated effluent, treat it further, and disinfect it to produce water that will have unrestricted use.	10,000,000
68	43	C3 - Sewer - South Trunk Main	This is to construct a new sewer trunk main along the Alaska Highway. Phase one was completed in 2011. Phase two will extend from 93 St along Alaska Road South (Frontage Road) to 104 Street where it will cross the highway and connect to the City sanitary sewer system to provide flood relief by diverting flow. This will benefit areas east of the connection, in particular around the Sobey's area and Matthew's Park area.	5,300,000
69	8	C4 - Technology Upgrading	This is for the purchase of new technology, software and computers. This is \$100,000 allocated from Fair Share each year for this.	100,000
70	6	C4 - FD - Pumper Truck	This is for the purchase of a new pumper truck. The chassis was paid for last year, this is the second payment for the remainder of the build of the truck.	900,000
71	121	C4 - Community Services - Office Equipment	This is for the replacement of an existing photocopier, plus the purchase of two more photocopiers for the Community Services department.	40,000
72	10	C4 - CS - Ice Resurfacer	This is for the purchase of an ice resurfacer (Zamboni).	120,000
73	3	C4 - PW - Tandem Truck with Attachments	This is for the purchase of replacement tandem axle trucks with attachments.	50,000
74	2	C4 - PW - Pickup Trucks	This is for the purchase of replacement pickup trucks.	100,000
75	112	C4 - PW - Sidewalk Machines with Attachments	This is to purchase two sidewalk machines with attachments.	290,000
76	114	C4 - PW - Asphalt Equipment	This is to purchase asphalt maintenance equipment to allow the City to do small hot asphalt repairs.	150,000
77	100	C5 - 112 Ave Construction	This is for the final lift of asphalt and some landscaping for 112 Ave from 86 St to the Bypass Road.	500,000
				42,685,000