

Project Summary

Project Number:	1045	Budget Year:	2012
Project Title:	Western Land Annex - Drainage	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

There is a proposal to annex an additional three quarter sections of land into the City of Brandon. These quarters are located on the west and south edge of the City and are described as the NW 1/4 of 9-10-19W, SE 1/4 9-10-19W and the SW 1/4 of 10-10-19W. This area is outside of any catchment area that has been included in the existing land drainage model.

Project Comments:

Scenario Description:

The concepts for drainage of this area need to be determined and a decision made in order to develop a financial plan.

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2013	50,000	50,000	0
2019	2,000,000	2,000,000	0
	2,050,000	2,050,000	0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1056	Budget Year:	2012
Project Title:	Intersection Improvements	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This account allows for various intersection improvements.

Project Comments:

The planning for the upgrade of intersections is based on the latest Traffic Study and with consultation with Manitoba Infrastructure and Transportation as well as traffic issues raised by the public and City Council.

Funding requests include:

- 2012 - 10th St/Park Ave left turn lanes and street lights
- 2013 - 13th/Park Ave signals, engineering
- 2013 - 17th St E/Richmond Ave E
- 2014 - 13th/Park Ave signals
- 2015 - Douglas St/Victoria Ave E signals
- 2015 - 34th St to 36th St/Victoria Ave upgrades
- 2016 - 26th St/Maryland Ave

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	100,000	100,000	0
2013	1,525,000	1,525,000	0
2014	250,000	250,000	0
2015	310,000	310,000	0
2016	400,000	400,000	0
	2,585,000	2,585,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
13.1559	Gas Tax Reserve	100,000
	Total Revenue:	100,000
Expense		
200	CONTRACT SERVICES	100,000
	Total Expense:	100,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1057	Budget Year:	2012
Project Title:	New Sidewalks	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	Ward 1 Assiniboine, Ward 2 Rosser,...
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This project allows for the addition of new sidewalks within the City.

Project Comments:

Current development standards call for sidewalks to be constructed on both sides of collector and arterial streets. There are a number of collectors and arterials that do not satisfy this criteria. There are also areas where there is need for a sidewalk outside of the collector and arterial requirement, this account will allow for those missing sidewalks to be constructed.

\$200,000 is allocated to all future years for arterials and collectors (both sides).

2013 - Dufferin Ave / 2nd St to Kirkham Cres north side
 2013 - Kirkham Cres / Knowlton Dr to Ross Ave both sides

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	200,000	200,000	0
2013	286,000	286,000	0
2014	200,000	200,000	0
2015	200,000	200,000	0
2016	200,000	200,000	0
2017	200,000	200,000	0
2018	200,000	200,000	0
2019	200,000	200,000	0
2020	200,000	200,000	0
2021	200,000	200,000	0
	2,086,000	2,086,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
13.1559	Gas Tax Reserve	200,000
	Total Revenue:	200,000
Expense		
200	CONTRACT SERVICES	200,000
	Total Expense:	200,000

Related Projects

Operating Budget Impact

Project Summary

Budget Year

Exp (Rev)

FTE Impact

Project Summary

Project Number:	1058	Budget Year:	2012
Project Title:	Street Construction	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

Construction of new streets.

Project Comments:

This project allows for construction of new streets as required in development agreements as well as the addition of traveling lanes to existing streets. Streets constructed by the City through Development Agreements are typically streets that are generally required because of the development but will service either future developments or existing developed areas. In this case the City will develop the street and collect the appropriate costs from all benefitting properties. New streets can also have improvements required due to area growth and not related a particular development.

2012 - Widen south side of Kirkcaldy Dr from Conservation Dr to Cater Dr.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	135,000	135,000	0
2013	190,000	190,000	0
2016	99,625	99,625	0
2020	400,000	400,000	0
2021	421,000	421,000	0
	1,245,625	1,245,625	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
13.1545	Kirkcaldy Heights Reserve	75,000
13.1559	Gas Tax Reserve	60,000
	Total Revenue:	135,000
Expense		
200	CONTRACT SERVICES	135,000
	Total Expense:	135,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1059	Budget Year:	2012
Project Title:	Lane Paving	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This project allows for the upgrade of gravel lanes to paved lanes.

Project Comments:

Most back lanes in the residential sections of the City are gravel and most lanes in the down town area are paved. The area in between the lowest density land use and the highest density land use are where the majority of the lane issues exist. These lanes are gravel and suffer from increased traffic which can lead to condition and dust issues. The developer is required to fund a portion of the lane improvements but not all of the cost, this account will allow for the balance of funds to complete these lanes.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
			0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1065	Budget Year:	2012
Project Title:	McDiarmid Crescent Drainage Improvements	Scenario:	
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Purchase New	Active:	Yes
Year Identified:	2011	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

Drainage improvements to accommodate the area north of Neelin High School.

Project Comments:

The redevelopment of the land north of Neelin High School has aggravated an existing drainage deficiency that needs to be corrected. This project will include replacing the substandard 250 mm diameter storm sewer with a 450 mm diameter storm sewer.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	75,000	75,000	0
	75,000	75,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
13.1522	Storm Sewer Reserve	75,000
		Total Revenue: 75,000
Expense		
200	CONTRACT SERVICES	75,000
		Total Expense: 75,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1068	Budget Year:	2012
Project Title:	Province City Over Weight Over Size Permit Consolidation Signage	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:		Active:	Yes
Year Identified:	2011	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This budget allocation will allow for the installation of signage required for over weight and over size transport permits.

Project Comments:

The Province of Manitoba, the City of Winnipeg and the City of Brandon have joined forces to issue over weight and over size transport permits under one jurisdiction. In the past if an over weight or over size load needed to be moved through Brandon to Winnipeg, three sperate permits would be required. All three agencies have agreed to use common criteria for the permits and have the province issue all permits. This project will allow for the required permit signage in and around Brandon.

Scenario Description:

In the 2012 budget we will need \$35,000 as our share of the cost for information signs that are to be posted at main highway points of entry to alert truck traffic of the new consolidated permit system that we are partnering on with the Province and the City of Winnipeg. The consolidated permit system provides for a one stop shop approach to ensure trucks that exceed regulations in terms of width, length, height, etc have the appropriate permit and they would be covered for routes through our city without having to park their rig and contact city licensing to obtain our permit. Special exception permits will still be required from time to time through our department and / or Police Services as identified by the Provincial permit centre.

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	35,000	35,000	0
	35,000	35,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
12.0132	General Revenue - Engineering	35,000
	Total Revenue:	35,000
Expense		
200	CONTRACT SERVICES	35,000
	Total Expense:	35,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	1081	Budget Year:	2012
Project Title:	Drainage - 34th Street Richmond to CN Tracks	Scenario:	Main
Asset Type:		Budget Status:	Initial Entry
Department:	Drainage	Regions:	
Project Type:		Active:	Yes
Year Identified:	2011	Manager:	
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

Drainage - 34th Street Richmond to CN Tracks

Project Comments:

Scenario Description:

Scenario Comments:

Project Forecast

<u>Year</u>	<u>Total Expense</u>	<u>Total Revenue</u>	<u>Difference</u>
2012	167,000	167,000	0
	167,000	167,000	0

Project Details 2012

<u>GL Account</u>	<u>Description</u>	<u>Total Amount</u>
Revenue		
12.0132	General Revenue - Engineering	167,000
	Total Revenue:	167,000
Expense		
200	CONTRACT SERVICES	167,000
	Total Expense:	167,000

Related Projects

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
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Project Summary

Project Number:	12	Budget Year:	2012
Project Title:	Street Reconstruction	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

Street Reconstruction Projects Listing

Project Comments:

Street reconstruction includes the complete rebuild related to a section of street. Most often the underground utilities will be replaced and a new road bed will be constructed complete with the new surface. General resurfacing projects are contained in the operating budget.

Project selection is based on pavement performance and watermain leak frequency.

Scenario Description:

2012 projects include:

Van Horne East - Franklin to Douglas Street
5th Street - Princess Ave to Lorne Ave

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	1,550,000	1,550,000	0
2013	1,530,000	1,530,000	0
2014	1,520,000	1,520,000	0
2015	2,200,000	2,200,000	0
2016	1,140,000	1,140,000	0
2017	1,710,000	1,710,000	0
2018	2,760,000	2,760,000	0
2019	1,210,000	1,210,000	0
2020	1,670,000	1,670,000	0
2021	1,500,000	1,500,000	0
2022	670,000	670,000	0
2023	510,000	510,000	0
2024	1,390,000	1,390,000	0
2025	1,200,000	1,200,000	0
	20,560,000	20,560,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
12.3957	Reconstruction - General Revenue	1,110,000
22.3958	Reconstruction - Water Revenue	400,000
22.3959	Reconstruction - Wastewater Revenue	40,000
	Total Revenue:	1,550,000

Project Summary

Expense

200	CONTRACT SERVICES	1,110,000
210	CONTRACT - WASTEWATER	40,000
230	CONTRACT - WATER	400,000
Total Expense:		1,550,000

Related Projects

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
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Project Summary

Project Number:	124	Budget Year:	2012
Project Title:	Off Road Equipment Replacement	Scenario:	Main
Asset Type:	Moving, grading, excavating, compacting,extracting	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2003	Manager:	Tim Sanderson
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of the Off Road Equipment Replacement account is to provide various City Departments with safe, reliable and cost effective equipment to meet their stated purposes. Included in this account are all non licensed equipment used for a variety of purposes. Examples of equipment covered by this account are Motor Graders, Loaders, Street Sweepers and Excavators, as well as smaller equipment such as sidewalk cleaning machines and tractors. This account is funded through contributions made to the reserve on a yearly basis by the various user departments.

Project Comments:

The Off Road Equipment Replacement Capital Budget is structured to optimize cost effectiveness by providing replacement vehicles at logical time intervals. These intervals are identified by analyzing and balancing the potential cost of ongoing maintenance with residual value of the existing unit and the anticipated cost of a replacement vehicle. In most cases light duty vehicles such as vans and pickups are scheduled for replacement on a five year cycle, while larger specialized equipment is scheduled on a ten year cycle. In those instances where the vendor offers aggressive "buy back" pricing, acceleration of this schedule may occur.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	1,528,000	1,528,000	0
2013	1,976,000	1,976,000	0
2014	1,900,000	1,900,000	0
2015	1,221,000	1,221,000	0
2016	154,000	154,000	0
2017	1,543,000	1,543,000	0
2018	1,746,000	1,746,000	0
2019	2,416,000	2,416,000	0
2020	1,047,000	1,047,000	0
2021	270,000	270,000	0
2022	2,015,000	2,015,000	0
	15,816,000	15,816,000	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	1,528,000
	Total Expense:	1,528,000
Revenue		
13.1508	Machinery & Equipment Reserve	1,528,000
	Total Revenue:	1,528,000

Related Projects

Project Summary

Operating Budget Impact

Budget Year

Exp (Rev)

FTE Impact

Project Summary

Project Number:	135	Budget Year:	2012
Project Title:	North Hill Drainage East of 18th St N	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Maintenance	Active:	Yes
Year Identified:	2007	Manager:	Ian Christiansen 729-2217
Start Date:	1/1/2012 12:00:00 AM	Project Partner:	
Est. Completion Date:	12/31/2012 12:00:00 AM		

Project Description:

This project will provide for the necessary drainage improvements along south limit of Monterey Estates and through Patmore's Nursery.

Project Comments:

The land drainage from the Black Property and the land immediately north and west of the Black Property drains in a south west direction along the west limit of Monetary Estates and south, through Patmore's Nursery and then under 18th St North where it joins the drainage course south of Braecrest Drive. The development of the Black Property will require upgrades to the existing drainage south of the Black Property which will ultimately create a new drainage course south from the Black property and will include the drainage of Lark St area and the soakage ponds to the east. The drainage network will continue south on Knowlton Dr and ultimately to the Assiniboine River.

Scenario Description:

This budget allocation will allow for construction of drainage conveyance upgrades along the west and south limit of Monetary Estates as well as through Patmore's Nursery.

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	300,000	300,000	0
	300,000	300,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
13.1522	Storm Sewer Reserve	300,000
	Total Revenue:	300,000
Expense		
200	CONTRACT SERVICES	300,000
	Total Expense:	300,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	137	Budget Year:	2012
Project Title:	North Hill Drainage West of 18th St N	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2010	Manager:	Ian Christiansen 729-2217
Start Date:	1/1/2011 12:00:00 AM	Project Partner:	
Est. Completion Date:	12/31/2011 12:00:00 AM		

Project Description:

This projects allows for drainage improvements under Braecrest Drive west of 18th St.

Project Comments:

The land drainage in this area starts with the vacant land to the west of 18th St N and north of Hamilton Heights continues south across the Manitoba Hydro easement then south along the rear lot line of Hamilton Heights where it crosses under Braecrest Dive and continues south eventually crossing the Grand Valley Road and into the Assiniboine River. An area east of 18th also drains into this Drainage course at Braecrest Drive. A number of improvements are required along this drainage course which include a detention pond north of the Manitoba Hydro easement, increased culvert capacity at the driveway to 1825 Braecrest Drive, increased culvert capacity under Braecrest, slope stabilization east of Braecrest and finally a new culvert under Grand Valley Road. The pond to the north of the Manitoba Hydro easement is the responsibility with the land developer as is the crossing under Grand Valley Road.

Scenario Description:

This budget allocation will include increasing the capacity of the culverts under the driveway to 1825 Braecrest, a new crossing under Braecrest Drive as well as slope stabilization to the embankment east of Braeview Place.

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
			0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	198	Budget Year:	2012
Project Title:	Clare Avenue Construction	Scenario:	Main
Asset Type:	Highways, roads, streets, signs, guard rails	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

Construction of Clare Ave.

Project Comments:

The construction of Clare Avenue from 1st Street North to 18th Street North will take place over a number of years. The construction will be funded by Gas Tax Reserve funds as well as Clare Avenue Reserve funds. The Clare Avenue Reserve fund includes contributions from Marbuck Enterprises for the development of Monterey Estates in the amount of \$62,475 and additional \$62,475 from Marbuck Enterprises from the development of the commercial land on the east side of 18th Street North. Glendale Mobile Home Park also contributes to the construction of Clare Ave based on a per lot fee for each lot developed.

The budget is broken into a number of segments, namely 1st St N to Soo St, 18th St N to Mockingbird Drive and from Mockingbird Drive to Soo St. The construction is planned to allow for emergency vehicle access to Mockingbird from 18th St N and from 1st St N to Soo. The section from 1st to Soo will be a 6.1 m wide rural section gravel st and the western section from 18th St N to Mockingbird will be a 6.1 m wide urban section street with sidewalk on both sides. The entire length of Clare will eventually be a four lane divided roadway. The capital budget will be structured to allow for the phased construction.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2016	700,000	700,000	0
2020	940,000	940,000	0
2021	950,000	950,000	0
2025	2,000,000	2,000,000	0
	4,590,000	4,590,000	0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	199	Budget Year:	2012
Project Title:	Garage Equipment	Scenario:	Main
Asset Type:	Other machinery and equipment; e.g. storage tanks	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Purchase New	Active:	Yes
Year Identified:	2008	Manager:	Tim Sanderson 729-2130
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This account is required to purchase garage equipment for the maintenance of all fleet units.

Project Comments:

For 2012 this account contains funding for a fleet telematics systems. A system of this type will allow Fleet Services to acquire data remotely from vehicles, such as mileage and engine fault codes. By obtaining this data remotely, Fleet Services will be able to enhance their ability to perform preventative maintenance, thus lower the frequency and cost of emergency repairs.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2013	315,000	315,000	0
2015	65,000	65,000	0
2018	65,000	65,000	0
2021	65,000	65,000	0
	510,000	510,000	0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	232	Budget Year:	2012
Project Title:	Streets Equipment Replacements	Scenario:	Main
Asset Type:	Other transportation equipment	Budget Status:	Finance Review
Department:	Operations Street Projects	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2001	Manager:	Ian Broome 729-2292
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This project allows for miscellaneous equipment, other than vehicles and attachments, necessary for street maintenance operations.

Project Comments:

Scenario Description:

Scenario Comments:

The request in 2014 covers the cost to replace the existing sand storage building cover. The cover has reached it's 15 year life expectancy. The building requires a 220 ft x 55 ft. cover.

The current condition of this building is to what it should be for it's life expectancy. The cover has had some minor repairs due to operational mishaps, but is expected to last until 2014. The polyethylene fabric material that covers this building is DuraWeave® which does not contain any metallic components like metal roofing and siding, therefore, it will not rust from exposure to water and air. In corrosive settings, such as salt storage or locations near salt water, this translates to a longer lifespan for the building cover.

The steel framework of Cover-All® buildings is constructed using ViperSteel® and clad with triple coated Gatorshield® corrosion barrier which has a superior coating process, lasting 270% longer than standard galvanized steel. To avoid corrosion problems with steel buildings, every structural component would need to be corrosion protected with an equivalent process. All welds are shot-blasted and finished with a state-of-the-art molten zinc anti-corrosion process unique to Cover-All.

Project Forecast

<u>Year</u>	<u>Total Expense</u>	<u>Total Revenue</u>	<u>Difference</u>
2014	40,000	40,000	0
	40,000	40,000	0

<u>GL Account</u>	<u>Description</u>	<u>Total Amount</u>
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Related Projects

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
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Project Summary

Project Number:	320	Budget Year:	2012
Project Title:	Fire Vehicle Replacements	Scenario:	Main
Asset Type:	Automobiles	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2011	Manager:	Tim Sanderson 729-2130
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of the Fire Vehicle Replacement account is to provide the Fire Department with safe, reliable and cost effective equipment to meet their stated purpose. Included in this account are all vehicles, including both specialized firefighting as well and general purpose vehicles. This account is funded through contributions made to the reserve from the fire department. The amount of these contributions is based upon the projected replacement cost minus the anticipated value of the equipment that will be replaced, divided by the number of months that the vehicle will be in service.

Project Comments:

The Fire Department Vehicle Capital Budget is structured to optimism cost effectiveness by providing replacement vehicles at logical time intervals. These intervals are identified by analyzing and balancing the potential cost of ongoing maintenance with residual value of the existing unit and the anticipated cost of a replacement vehicle. In most cases light duty vehicles such as vans and pickups are scheduled for replacement on a five year cycle, while larger specialized equipment is scheduled on a ten year cycle. In those instances where the vendor offers aggressive "buy back" pricing, acceleration of this schedule may occur.

2012 - Replacement of FP-10, a 1990 Spartan Fire Pumper, which has been carry over from 2011.
 2012 - Quint refurbish.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	550,000	550,000	0
2013	655,000	655,000	0
2014	275,000	275,000	0
2015	228,000	228,000	0
2016	72,000	72,000	0
2017	146,000	146,000	0
2018	55,000	55,000	0
2019	69,000	69,000	0
2020	71,300	71,300	0
2021	1,640,000	1,640,000	0
2022	92,000	92,000	0
	3,853,300	3,853,300	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	550,000
	Total Expense:	550,000
Revenue		
13.1554	Fire Vehicles Reserve	550,000
	Total Revenue:	550,000

Project Summary

Related Projects

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
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Project Summary

Project Number:	338	Budget Year:	2012
Project Title:	South East Drainage Basin Improvements	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:	1/1/2013 12:00:00 AM	Project Partner:	
Est. Completion Date:	12/31/2014 12:00:00 AM		

Project Description:

The South East Drainage Basin is loosely defined as the area south of Richmond Avenue and east of 26th Street. Significant development has occurred in this area in the last several years and drainage improvements are required in the entire basin.

Project Comments:

In 2003 UMA Engineering was commissioned to review this drainage basin and make recommendations for improvements. The Southeast Drainage basin Storm Study was completed in 2003 and amended in June of 2005 to account for the existing development. The study developed a number of options for improvements and was amended in April of 2008 and again in July of 2009 to accommodate current development and define an interim solution.

The drainage solution proposed is the development of a number of storm water retention ponds and connecting storm sewers and ditches. The long term solution will be to drain the water in a south east direction from 18th St and Maryland to First Street at which time the water will be diverted to the north and the east and ultimately discharged into the Assiniboine River. The interim solution will be the same as the long term solution except that the drainage that finds its way to First St will not be diverted to the north and east but instead will be allowed to drain in a south east direction. The interim solution is proposed to be completed in 2010 and will remain in effect until the long term solution is completed.

The improvements are constructed by the land developer as well as the City. The City projects are partially funded by developer contributions.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	3,000,000	3,000,000	0
2013	3,000,000	3,000,000	0
2014	3,000,000	3,000,000	0
2015	3,500,000	3,500,000	0
2016	700,000	700,000	0
2017	3,200,000	3,200,000	0
	16,400,000	16,400,000	0

Project Details 2012

GL Account	Description	Total Amount
Revenue		
11.2341	Debentures - Capital Projects	3,000,000
	Total Revenue:	3,000,000
Expense		
200	CONTRACT SERVICES	3,000,000
	Total Expense:	3,000,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Summary

Project Number:	341	Budget Year:	2012
Project Title:	Vehicle Replacements greater than 1 ton	Scenario:	Main
Asset Type:	Trucks and other motor vehicles	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2006	Manager:	Tim Sanderson
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of this account is to provide the various city departments (primarily within Operations) with safe, reliable and cost effective equipment to meet their stated purpose. Included in this account are heavy duty trucks which exceed 1 ton and are primarily used for specialized purposes, including hauling and sanding. This account is funded through contributions made to the reserve from the department using the vehicle. The amount of these contributions is based upon the projected replacement cost minus the anticipated value of the equipment that will be replaced, divided by the number of months that the vehicle will be in service.

Project Comments:

This account is structured to optimize cost effectiveness by providing replacement vehicles at logical time intervals. These intervals are identified by analyzing and balancing the potential cost of ongoing maintenance with residual value of the existing unit and the anticipated cost of a replacement vehicle. In most cases these vehicles are assigned either a five or ten year depreciation schedule. This is dependent on a number of factors, including the projected usage of the vehicle, the presence of any buy-back clause and the anticipated residual value of the equipment.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	1,132,000	1,132,000	0
2013	1,740,000	1,740,000	0
2014	620,000	620,000	0
2015	769,000	769,000	0
2016	2,775,000	2,775,000	0
2017	766,000	766,000	0
2018	1,215,000	1,215,000	0
2019	300,000	300,000	0
2020	300,000	300,000	0
2021	1,630,000	1,630,000	0
2022	1,435,000	1,435,000	0
	12,682,000	12,682,000	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	1,132,000
	Total Expense:	1,132,000
Revenue		
13.1508	Machinery & Equipment Reserve	1,132,000
	Total Revenue:	1,132,000

Related Projects

Project Summary

Operating Budget Impact

Budget Year

Exp (Rev)

FTE Impact

Project Summary

Project Number:	540	Budget Year:	2012
Project Title:	Assiniboine Flats Drainage	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:	1/1/2012 12:00:00 AM	Project Partner:	
Est. Completion Date:	12/31/2018 12:00:00 AM		

Project Description:

This project would include drainage improvements in the area north of Stickney Ave and south of the Assiniboine River.

Project Comments:

This project would route storm water drainage through a designated channel. At present this runoff flows under 8th Street parallel to Parker Blvd. and travels West emptying into the City owned property west of the McKenzie Seeds Warehouse. This proposed work is the beginning of an overall multistage project for the entire North end of the City to establish a surface drainage route traveling Northwest to the Assiniboine River. Completion of this routing will eliminate the flooding which now occurs on the land and enable the land to be sold.

Scenario Description:

The work proposed in 2017 is the development of a detention pond on the north side of Parker Blvd. The delay from the engineering phase to the construction phase is to allow sufficient funds to accumulate in the Storm Sewer Reserve.

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	100,000	100,000	0
2017	1,000,000	1,000,000	0
	1,100,000	1,100,000	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0019	CONSULTING FEES	100,000
	Total Expense:	100,000
Revenue		
13.1522	Storm Sewer Reserve	100,000
	Total Revenue:	100,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	546	Budget Year:	2012
Project Title:	North Hill Storm Drainage Black Property	Scenario:	Main
Asset Type:	Sanitary and storm sewers, trunk and collection	Budget Status:	Finance Review
Department:	Drainage	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	2009	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This project includes the main trunk sewer from the Black Property to the Assiniboine River.

Project Comments:

The area north of Braecrest and west of 1st Street North was developed with a series of drainage pond that do not have a positive outlet. These ponds collect water and the collected water either soaks into the ground or evaporates. This budget allocation will provide for a storm sewer that will provide a positive outlet for the ponds and will be extended to drain the Black Property. The project will be over two years, the first year the pipe will be installed from the Assiniboine River along Knowlton Drive to Braecrest and Iark St. In the following year the pipe will be extended to the Black Property.

The Black Property will likely not be developed after the property south of Veterans way and east of First St is developed, therefore the improvements are scheduled well into the future.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2016	2,000,000	2,000,000	0
2017	1,000,000	1,000,000	0
	3,000,000	3,000,000	0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	606	Budget Year:	2012
Project Title:	Vehicle Replacements 1 ton and less	Scenario:	Main
Asset Type:	Trucks and other motor vehicles	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2000	Manager:	Tim Sanderson
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of this account is to provide the various city departments with safe, reliable and cost effective equipment to meet their stated purpose. Included in this account are light duty vehicles, including cars, vans and pickup trucks smaller than 1 ton. This account is funded through contributions made to the reserve from the department using the vehicle. The amount of these contributions is based upon the projected replacement cost minus the anticipated value of the equipment that will be replaced, divided by the number of months that the vehicle will be in service.

Project Comments:

This account is structured to optimize cost effectiveness by providing replacement vehicles at logical time intervals. These intervals are identified by analyzing and balancing the potential cost of ongoing maintenance with residual value of the existing unit and the anticipated cost of a replacement vehicle. In most cases these vehicles are assigned either a five or ten year depreciation schedule. This is dependent on a number of factors, including the projected usage of the vehicle, the presence of any buy-back clause and the anticipated residual value of the equipment.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	545,000	545,000	0
2013	762,100	762,100	0
2014	402,000	402,000	0
2015	575,000	575,000	0
2016	398,500	398,500	0
2017	787,000	787,000	0
2018	755,000	755,000	0
2019	479,000	479,000	0
2020	683,000	683,000	0
2021	586,000	586,000	0
2022	530,000	530,000	0
	6,502,600	6,502,600	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	545,000
	Total Expense:	545,000
Revenue		
13.1508	Machinery & Equipment Reserve	545,000
	Total Revenue:	545,000

Related Projects

Project Summary

Operating Budget Impact

Budget Year

Exp (Rev)

FTE Impact

Project Summary

Project Number:	626	Budget Year:	2012
Project Title:	Police Vehicle Replacements	Scenario:	Main
Asset Type:	Automobiles	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2001	Manager:	Tim Sanderson
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of the Police Vehicle Replacement account is to provide the Police Department with safe, reliable and cost effective equipment to meet their stated purpose. Included in this account are all vehicles, including both specialized police vehicles and general purpose vehicles. This account is funded through contributions made to the reserve on an annual basis from the police department. The amount of these contributions is based upon the projected replacement cost minus the anticipated value of the equipment that will be replaced, divided by the number of months that the vehicle will be in service.

Project Comments:

The Police Department Vehicle Capital Budget is structured to optimize cost effectiveness by providing replacement vehicles at logical time intervals. These intervals are identified by analyzing and balancing the potential cost of ongoing maintenance with residual value of the existing unit and the anticipated cost of a replacement vehicle. In relation to patrol cars, replacement is scheduled on a four year interval, whereas other duty vehicles are generally replaced every five years.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	342,000	342,000	0
2013	414,000	414,000	0
2014	475,000	475,000	0
2015	421,000	421,000	0
2016	338,000	338,000	0
2017	690,000	690,000	0
2018	242,000	242,000	0
2019	374,000	374,000	0
2020	810,000	810,000	0
2021	284,000	284,000	0
2022	609,500	609,500	0
	4,999,500	4,999,500	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	342,000
	Total Expense:	342,000
Revenue		
13.1549	Police Vehicle Reserve	342,000
	Total Revenue:	342,000

Related Projects

Project Summary

Operating Budget Impact

Budget Year

Exp (Rev)

FTE Impact

Project Summary

Project Number:	84	Budget Year:	2012
Project Title:	8th Street Bridge Replacement	Scenario:	Main
Asset Type:	Bridges, trestles, overpasses	Budget Status:	Finance Review
Department:	Streets, Sidewalks, Lanes	Regions:	
Project Type:	Constructed	Active:	Yes
Year Identified:	1997	Manager:	Ian Christiansen 729-2217
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

This project will include the replacement of the supporting structure of the 1934 section of the 8th St bridge.

Project Comments:

The 8th Street Bridge was constructed in 1934 and was altered in 1968 to increase the span. The supporting structure for the 1934 section will be replaced and the deck of the bridge will be reconstructed. There will be very little in terms of change in appearance and function of the bridge. The bridge has been maintained over it's life with most notable repairs being a new deck surface and superstructure repairs. The bridge also receives an annual inspection from an independent consulting firm. The 1934 superstructure was scheduled to be replaced in 2007. This date was selected in 1997 when the annual inspections began. The bridge did not deteriorate at the rate anticipated in 1997 and the replacement of the 1934 portion was delayed from 2007 to 2010. In 2007 construction costs escalated at a rate greater than 1.25% per month, the bridge is now due to be replaced in 2012 due to it's favourable condition and to allow for the construction industry to modulate.

Scenario Description:

2012 - Design work
2013 - Bridge Replacement

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	300,000	300,000	0
2013	3,600,000	3,600,000	0
	3,900,000	3,900,000	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0019	CONSULTING FEES	300,000
	Total Expense:	300,000
Revenue		
13.1531	8th Street Bridge Replacement Reserve	300,000
	Total Revenue:	300,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	847	Budget Year:	2012
Project Title:	Equipment Attachments	Scenario:	Main
Asset Type:	Moving, grading, excavating, compacting,extracting	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Purchase New	Active:	Yes
Year Identified:	2005	Manager:	Tim Sanderson 729-2130
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of this budget is for funding to replace any attachments for fleet vehicles. This may include plows, sweepers, grinders etc.

Project Comments:

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2014	46,000	46,000	0
2016	30,000	30,000	0
2019	60,000	60,000	0
	136,000	136,000	0

GL Account	Description	Total Amount
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Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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Project Summary

Project Number:	896	Budget Year:	2012
Project Title:	Fleet Additions	Scenario:	Main
Asset Type:	Trucks and other motor vehicles	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Purchase New	Active:	Yes
Year Identified:	2001	Manager:	Tim Sanderson 729-2130
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The purpose of this account is to provide the various city departments (primarily within Operations) with safe, reliable and cost effective equipment to meet their stated purpose. Included in this account are all new vehicles and equipment required by the various departments to complete their work. Once approved, the replacement of these vehicles will be funded through contributions made to the reserve from the department using the vehicle. The amount of these contributions is based upon the projected replacement cost minus the anticipated value of the equipment that will be replaced, divided by the number of months that the vehicle will be in service.

Project Comments:

The following fleet additions have been proposed.

Police:

- An additional police patrol type vehicle to be utilized to augment the traffic section. In addition to improving operational flexibility and effectiveness, the purchase of this vehicle will also allow police and fleet services to test new offerings in this vehicle type, as Crown Victoria's are no longer being produced, prior to making a multiple vehicle investment in 2013.

Sewer and Water:

- The addition of a pickup truck that has the requisite capability to tow excavation safety cages to and from various worksites.

Fire

- The addition of a Fire Pumper in 2020, to correspond with anticipated and planned opening of a new fire hall.
- The purchase of 2 new trailers for Confined Space and Water Rescue. In both cases, these trailers are well past their economic life and were not previously included in the regular capital contribution program.

Public Works:

- The addition of a staff truck to be used primarily for in city transportation. In addition to the stated purpose, this serves as an opportunity to asses the feasibility of implementing Hybrid Pickup Trucks into the City fleet.

Sanitation:

- The addition of a loader attached snow blade which will be primarily utilized for the purpose of clearing snow from backlanes.

Waste Water Treatment:

- This forklift will replace a unit which is currently being rented at the WWTP. It is used to move large pallets of chemical at the plant.

Parks:

- The replacement of a Stump Grinder, which has exceeded its economic life cycle. This equipment was purchased many years ago and was not included in the regular capital contribution program.

Planning:

- The addition of new vehicle in anticipation of hiring of an additional building inspector, as requested by the Planning Department.

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	185,000	185,000	0
2014	260,000	260,000	0
2020	1,056,000	1,056,000	0
	1,501,000	1,501,000	0

Project Summary

Project Details 2012

<u>GL Account</u>	<u>Description</u>	<u>Total Amount</u>
Expense		
0410	EQUIPMENT PURCHASES	185,000
	Total Expense:	185,000
Revenue		
13.1508	Machinery & Equipment Reserve	185,000
	Total Revenue:	185,000

Related Projects

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
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Project Summary

Project Number:	910	Budget Year:	2012
Project Title:	Transit Bus Replacement	Scenario:	Main
Asset Type:	Other transportation equipment	Budget Status:	Finance Review
Department:	FLEET SERVICES	Regions:	
Project Type:	Replacement New	Active:	Yes
Year Identified:	2001	Manager:	Tim Sanderson 729-2130
Start Date:		Project Partner:	
Est. Completion Date:			

Project Description:

The Transit Department developed a plan for replacement of its transit fleet that was approved by Council in March 2007.

Project Comments:

Scenario Description:

Scenario Comments:

Project Forecast

Year	Total Expense	Total Revenue	Difference
2012	565,000	565,000	0
2016	689,000	689,000	0
2017	3,230,000	3,230,000	0
2020	624,000	624,000	0
2023	8,111,000	8,111,000	0
2024	897,000	897,000	0
2026	1,630,000	1,630,000	0
	15,746,000	15,746,000	0

Project Details 2012

GL Account	Description	Total Amount
Expense		
0410	EQUIPMENT PURCHASES	565,000
	Total Expense:	565,000
Revenue		
13.1558	Gas Tax Transit	565,000
	Total Revenue:	565,000

Related Projects

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
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