

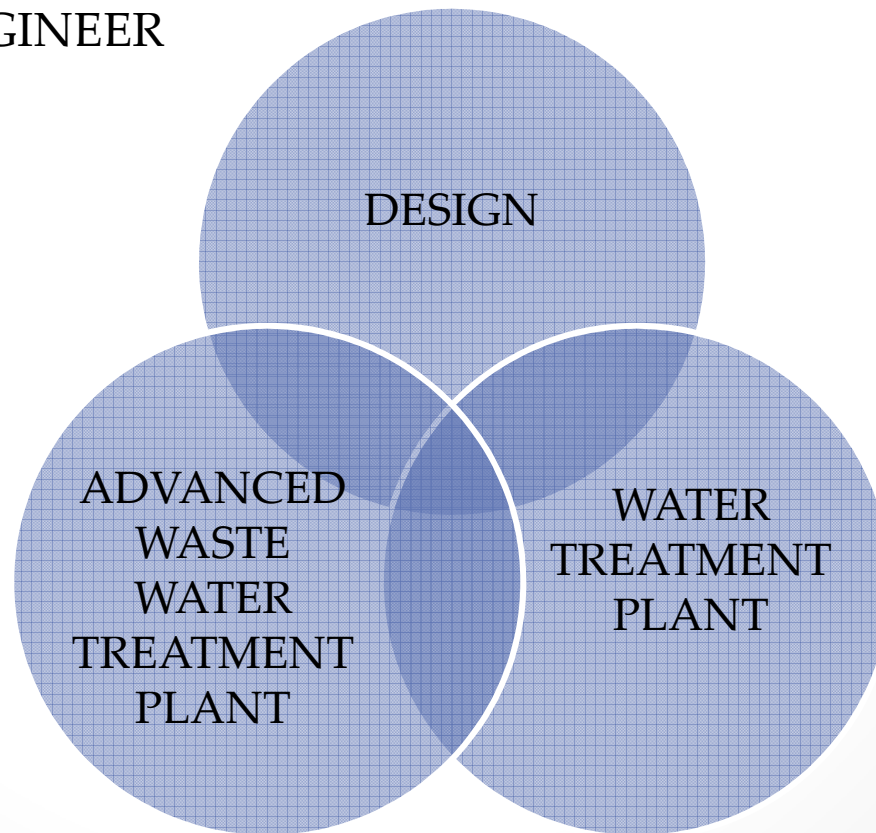


ENGINEERING DEPARTMENT

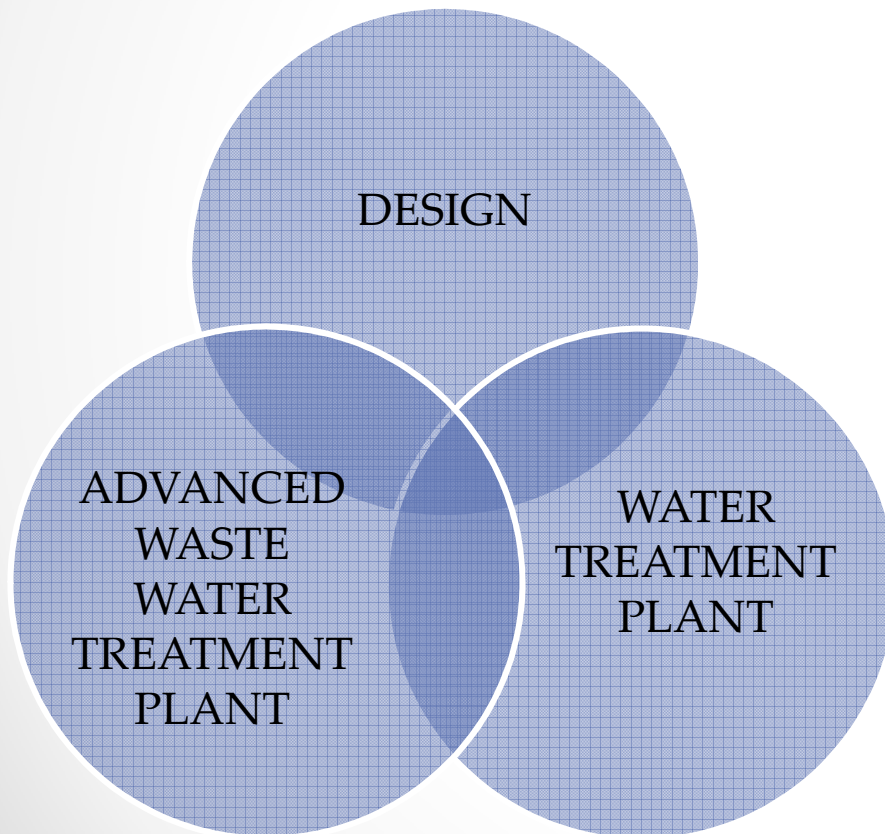
Presented by:
Ian Chapman
City Engineer

ENGINEERING OVERVIEW

MANAGER – CITY ENGINEER



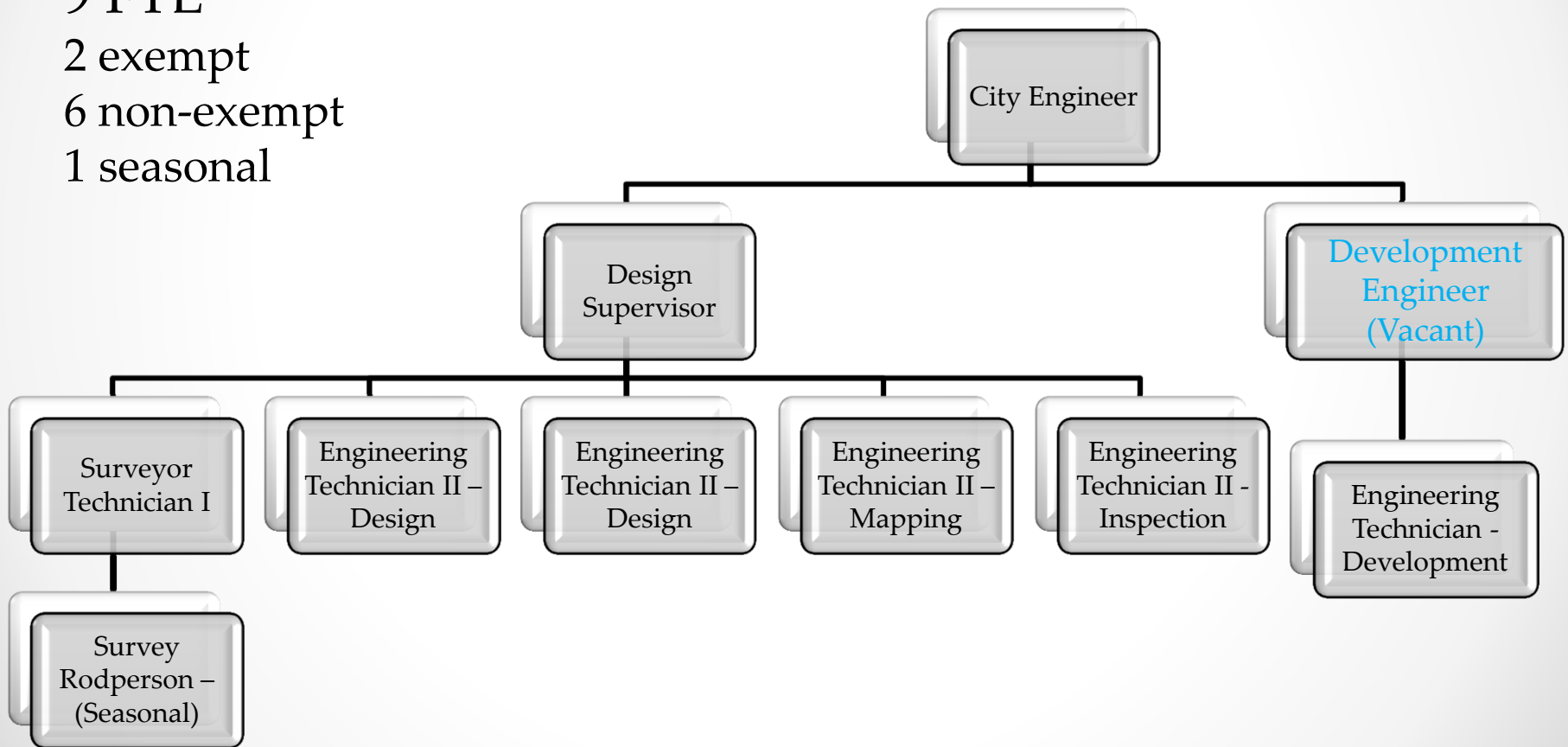
ENGINEERING BUDGET OVERVIEW



- THREE AREAS; DESIGN, AWWTP and WTP
- OPERATING AND CAPITAL BUDGET FOR EACH
- **DESIGN – OPERATING BUDGET**
- AWWTP OPERATING BUDGET.
- WTP OPERATING BUDGET.
- AWWTP AND WTP CAPITAL BUDGET.
- DESIGN CAPITAL BUDGET.

ENGINEERING DESIGN TEAM

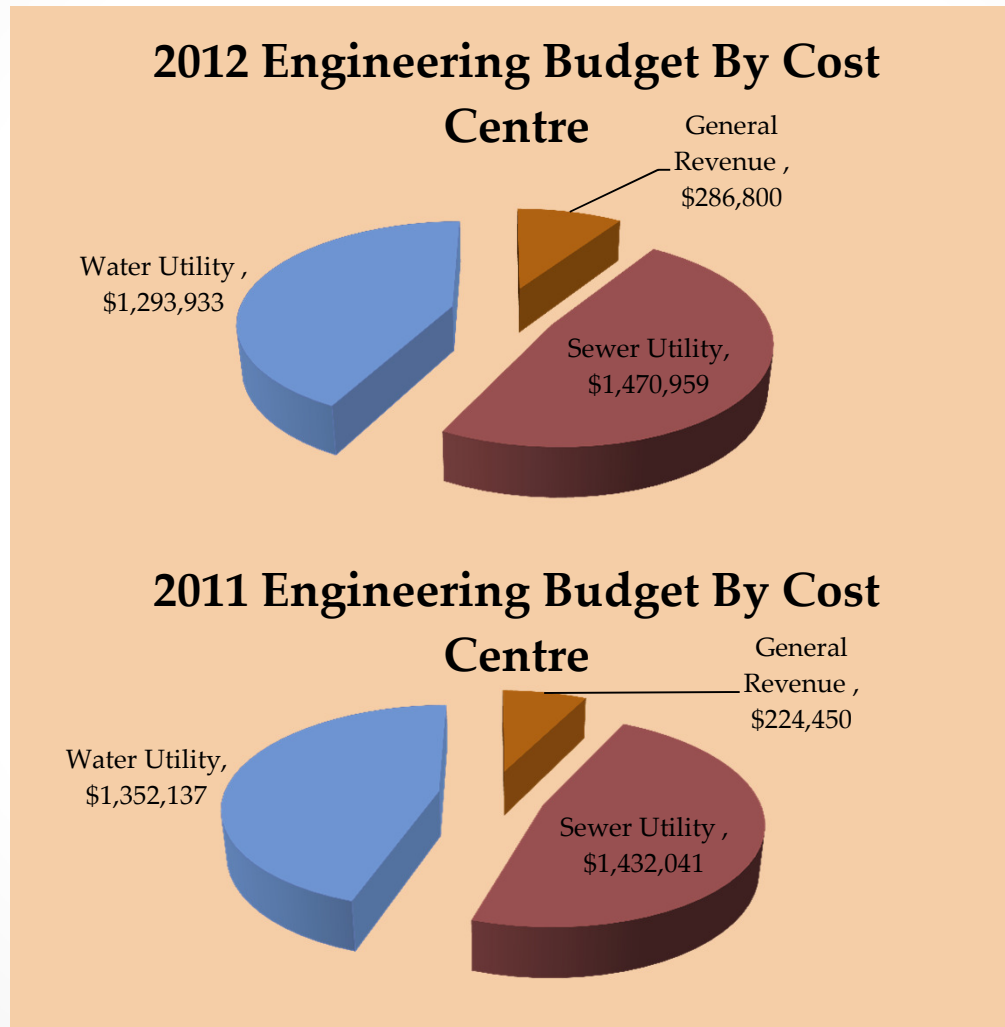
9 FTE
2 exempt
6 non-exempt
1 seasonal



ENGINEERING DESIGN FUNCTION

- Undertake Master Utility Planning And Budget Preparation.
- Design And Construction Management For Budgeted Capital Works.
- Provide Support To Development Services For Development Approvals.
- Address Public Queries Eg Traffic, Signage, Etc
- Process Permits For Water And Sewer Services, Earthworks, 3rd Party Works In Roads, Etc.
- Maintain Records Of Capital Works And Development Construction.
- Provide Survey And Mapping Services To All Departments.
- Address Unplanned Construction Projects Eg Correctional Centre, City Centre Building Frontage, Etc.

ENGINEERING DESIGN OPERATING BUDGET OVERVIEW

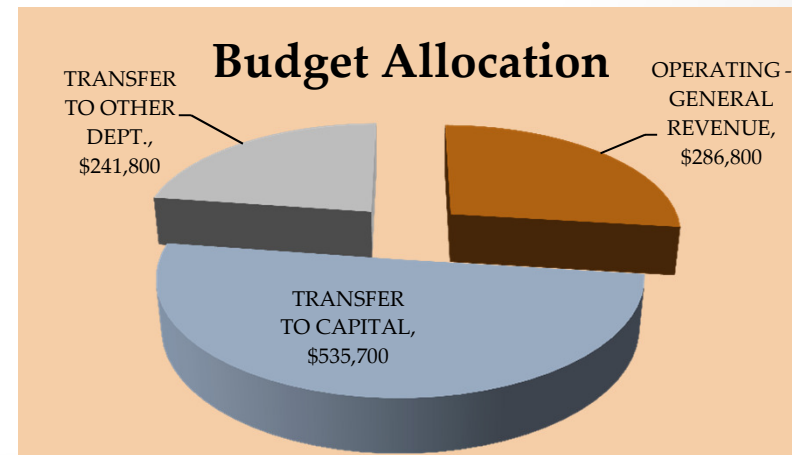
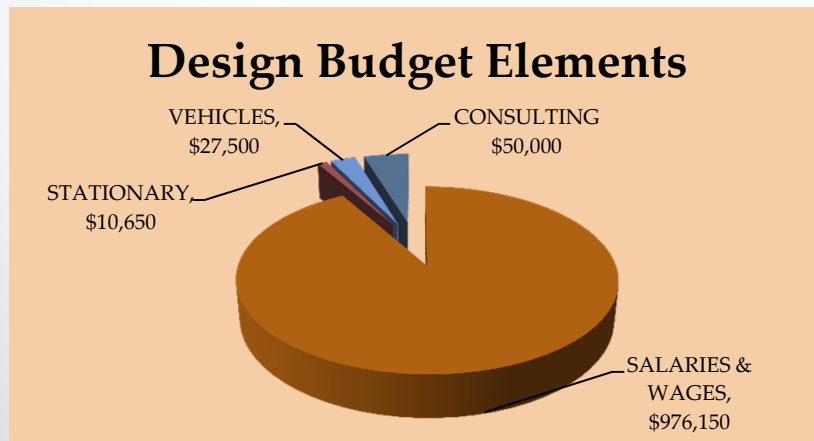


ENGINEERING DESIGN BUDGET HIGHLIGHTS

- Engineering Technician – Development added (+\$72,800)
- Incremental increases from last year (+\$13,200)
- Holiday relief eliminated (-\$2,500)
- Rod-person (seasonal) shown as working full year. (+\$57,200)
- Secretary transferred to Purchasing (-\$56,600)
- Overtime allowance increased(+\$9,000)
- Secretary transferred in from Purchasing (+\$59,150)
- Increased salary transfers to Capital for related effort (+\$68,925)
- Salary transfers to other department for related effort (+\$50,600)
- Cell phone expenses added, plotter expenses transferred in from IT, CAD allowance decreased, transfer to Capital increased (Net +\$3,200)
- Vehicle transfer to Capital increased (+\$3,575)
- Consulting costs associated with development transferred from Development Services (+\$30,000)
- **NET BUDGET INCREASE FROM 2011 TO 2012 IS \$62,350**

ENGINEERING DESIGN BUDGET \$286,800 (AFTER TRANSFERS)

	2012	2011	VARIANCE
SALARIES, WAGES AND OVERTIME	\$917,000	\$823,900	\$93,100
SECRETARY TRANSFER IN	\$59,150	-	\$59,150
SALARY TRANSFER TO CAPITAL	(\$512,925)	(\$444,000)	(\$68,925)
SALARY TRANSFER TO OTHER DEPT.	(\$241,800)	(\$191,200)	(\$50,600)
STATIONARY/SUPPLIES	\$10,650	\$8,000	\$2,650
STATIONARY TRANSFER TO CAPITAL	(\$5,450)	(\$6,000)	\$550
VEHICLES	\$27,500	\$27,500	-
VEHICLE TRANSFER TO CAPITAL	(\$17,325)	(\$13,750)	(\$3,575)
CONSULTING	\$50,000	\$20,000	\$30,000
TOTALS	\$286,800	\$224,450	\$62,350



ENGINEERING DESIGN OPERATING BUDGET TRANSFERS

Estimated Capital Budget

\$4,535,000



Capital Transfer

\$535,700

ALLOWANCE FOR RE-PRIORITIZATION
\$171,000, 25%

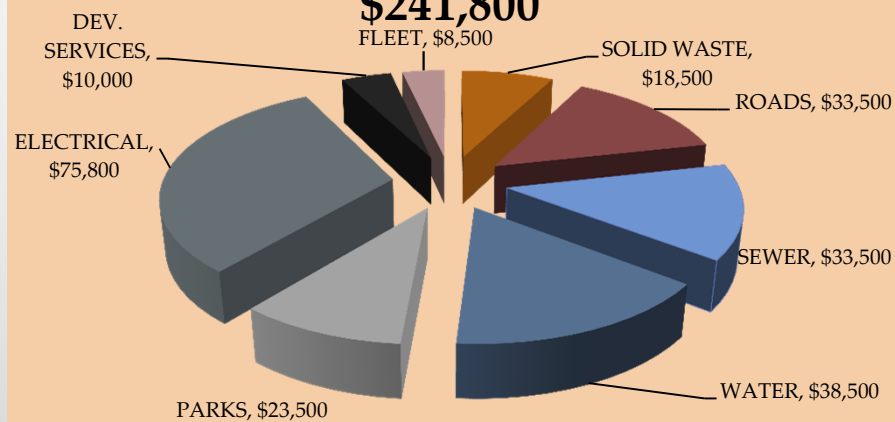
ESTIMATED EFFORT FOR CAPITAL PROJECTS,
\$513,000, 75%



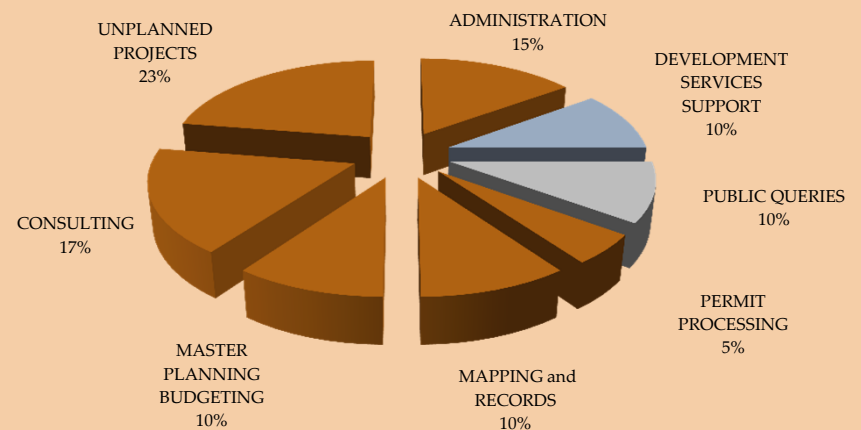
Estimated effort to support proposed projects totalling \$4,535,000 is \$684,000. Only approximately 75% of work will proceed due to re-prioritisation. Hence $\$684,000 \times 75\% = \$513,000$ Plus stationary and vehicle - total **\$535,700**

Design Budget Transfers

\$241,800



Work Allocation: \$286,800





ENGINEERING - DESIGN OPERATING BUDGET DETAILED REVIEW

Department:

DESIGN & ENGINEERING

PAGE: 25.1

Account	Proj	Task	Description	2012 Budget	2011 Budget
570306-01	0860		SALARIES- Design,CADD,Survey		
	0860-10		Director of Operations (1/3), City Eng	917,000	823,900
			Design Sup, Eng Tech II (2), Eng Tech (3)		
			Survey (2),		
			Secretarial Support	59,150	
			Engineering Capital Projects		
	0860-10		Capital Projects	(512,925)	(444,000)
			Operating Departments		
	0860-10		Roads	(25,000)	(20,000)
			Solid Waste	(10,000)	(10,000)
			Sewer	(25,000)	(15,000)
			Water	(30,000)	(15,000)
			Parks	(15,000)	(15,000)
			Development Services	(10,000)	
			Electrical 0520-50 Dir. Of Operations	(25,000)	(15,000)
			Director of Operations to Operating Depts		
			Roads	(8,500)	(15,200)
			Solid Waste	(8,500)	(5,100)
			Sewer	(8,500)	(15,200)
			Water	(8,500)	(15,200)
			Parks	(8,500)	
			Fleet	(8,500)	
			Electrical 0520-50 Dir. Of Operations	(50,800)	(50,500)
				221,425	188,700

570305-01	0870	STATIONERY & SUPPLIES		
	0870-10	Photocopier (Plans) Lease	-	0
	0870-10	Survey Supplies & Equipment	2,000	1,000
	0870-10	Print Machine Supplies & Mtce	2,000	0
	0870-10	CAD System Software Maintenance	2,000	1,000
	0870-10	Drafting Supplies/CAD System	1,000	5,000
	0870-10	Misc Annual Items	1,000	1,000
		Cell Phones	2,650	
	0870-10	Allocation to Capital Projects = 62%	(5,450)	(6,000)
			5,200	2,000
	0880	VEHICLE EXPENSE		
	0880-10	Vehicle # 9 Surveyors Van	5,500	5,500
	0880-10	Vehicle # 83 Site Inspectors Truck	5,500	5,500
	0880-10	Vehicle #107 Design Supervisor	5,500	5,500
	0880-10	Vehicle Allowance - Engineer	5,500	5,500
	0880-10	Vehicle Allowance - Director	5,500	5,500
	0880-10	Allocation to Capital Projects - 62%	(17,325)	(13,750)
			10,175	13,750
	0890	CONSULTING		
	0890-10	Consulting Costs - Studies	50,000	20,000
	0890-20	Outside Testing Costs - Development		
	0890-30	General Services	-	-
			50,000	20,000
			286,800	224,450