

**CITY OF BISMARCK  
BUDGET SUPPLEMENT  
2012**

**Fees and Charges**

**Capital Improvement Program  
2012-2016**



**CITY OF BISMARCK, NORTH DAKOTA  
BUDGET SUPPLEMENT  
2012  
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DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Community Development Department			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
<b>Building Inspections Division:</b>			
Electrical permits	25.00 each		25.00 each
Drainfield/perc permits	75.00/Installation		75.00/Installation
Septic evaluation	75.00/Installation		75.00/Installation
<b>Building permits:</b>			
\$1 to 2,000 -	40.00 1st 500 1.85 ea add'l 100		40.00 1st 500 1.85 ea add'l 100
\$2001 to 25,000 -	67.75 1st 2,000 8.40 ea add'l 1000		67.75 1st 2,000 8.40 ea add'l 1000
\$25,001 to 50,000	260.95 - 25,000 6.10 ea add'l 1000		260.95 - 25,000 6.10 ea add'l 1000
\$50,001 to 100,000	413.45 - 50,000 4.20 ea add'l 1000		413.45 - 50,000 4.20 ea add'l 1000
\$100,001 to 500,000	623.45-100,000 3.40 ea add'l 1000		623.45-100,000 3.40 ea add'l 1000
\$500,001 to 1,000,000	1983.45-500,000 2.85 ea add'l 1000		1983.45-500,000 2.85 ea add'l 1000
\$1,000,000 and up	3408.45-1 mill 2.20 ea add'l 1000		3408.45-1 mill 2.20 ea add'l 1000
Demolition permit	50.00	25.00	75.00
Structural assessment fee	50.00		50.00
Moving permit	25.00 250/500 liability 500.00 performance	25.00	50.00 250/500 liability 500.00 performance
Temporary structure permit	50.00		50.00
Variance	150.00	100.00	250.00
Temporary use permit	100.00/100,000 bond		100.00/100,000 bond
Mobile home park license	3.00 per space		3.00 per space
<b>Mechanical permits:</b>			
\$1 to 2,000 -	40.00		40.00
\$2,001 - 20,000 -	40.00 1st 2,000 1.65 per 1,000		40.00 1st 2,000 1.65 per 1,000
\$20,001 - 100,000 -	69.70 1st 20,000 1.10 per 1,000		69.70 1st 20,000 1.10 per 1,000
\$100,001 +	157.70 1st 100,000 .60 per 1,000		157.70 1st 100,000 .60 per 1,000
<b>Plumbing permits:</b>			
<b>Residence/apartment/s new constr:</b>			
\$1 to 20,000 -	40.00 1st 2,000 plus 1.65 for ea 1,000		40.00 1st 2,000 plus 1.65 for ea 1,000
\$20,001 - 100,000 -	69.70 1st 20,000 plus 1.10 for ea 1,000		69.70 1st 20,000 plus 1.10 for ea 1,000
\$100,001 +	157.70 1st 100,000 plus .60 for ea 1,000		157.70 1st 100,000 plus .60 for ea 1,000
<b>Commercial:</b>			
\$1 - 20,000 -	40.00 1st 2,000 1.65 for ea 1,000		40.00 1st 2,000 1.65 for ea 1,000
\$20,001 - 100,000 -	69.70 1st 20,000 1.10 for ea 1,000		69.70 1st 20,000 1.10 for ea 1,000
\$100,001 - +	157.70 1st 100,000 .60 for ea 1,000		157.70 1st 100,000 .60 for ea 1,000

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Community Development Department (Continued)			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Home business occupation	25.00		25.00
Manufactured homes	75.00		75.00
Administrative fee	New	125.00	125.00
Mechanical licensing program			
Class A application fee	New	35.00	35.00
Class A annual fee	New	125.00	125.00
Class B application fee	New	35.00	35.00
Class B annual fee	New	75.00	75.00
Class C application fee	New	15.00	15.00
Class C annual fee	New	35.00	35.00
Administrative fee	New	125.00	125.00
Year of exemption fee	New	125.00	125.00
Planning Division:			
Application Fees:			
Major plat	650.00	200.00	850.00
Major plat resubmittal fee	50.00		50.00
Minor plat	500.00	100.00	600.00
Minor plat resubmittal fee	50.00		50.00
Plat vacation	450.00	25.00	475.00
Zoning change	500.00		500.00
Zoning change - PUD	650.00		650.00
PUD amendment	400.00	50.00	450.00
Annexation	250.00	75.00	325.00
Special use	275.00		275.00
Vacation - ROW	250.00		250.00
Vacation - non-access lines	175.00	25.00	200.00
Release - easements	125.00	25.00	150.00
Rural lot splits	275.00		275.00
Lot modification	25.00		25.00
Fringe area road master plan	250.00		250.00
Land use plan amendment	250.00		250.00
Site plan review	50.00		50.00
Site plan review - landscape plan	50.00		50.00
Site plan review resubmittal fee	50.00		50.00
Downtown design review	50.00		50.00

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Engineering	FEES AND CHARGES		
	2011	Proposed	2012
	Current Base Fee	Revised Change	Fee
Service			
24" X 36" paper copy	10.00		10.00
24" X 36" mylar copy	15.00		15.00
24" X 36" paper plotted color	15.00		15.00
24" X 36" paper plotter b & w	10.00		10.00
Smaller sizes engineering archive copies	Varies		Varies
Photocopies	.10 pp after 10 pages		.10 pp after 10 pages
CD copy of all plats	50.00		50.00
CD copy archive (CD/DVD & other digital material)	5.00 or cost + 10%		5.00 or cost plus 10%
Project plans:			
*11x17 sheet set, graduated scale			
1 to 5 sheets	20.00		20.00
6 to 15 sheets	25.00		25.00
16 to 25 sheets	30.00		30.00
26 to 40 sheets	35.00		35.00
41 to 55 sheets	40.00		40.00
56 to 70 sheets	45.00		45.00
70+ sheets	50.00 + 50 per sheet above 70.00		50.00 + .50 per sheet above 70.00
*24X36 sheet set, graduated scale			
1 to 5 sheets	20.00		20.00
6 to 15 sheets	30.00		30.00
16 to 25 sheets	35.00		35.00
26 to 40 sheets	45.00		45.00
41 to 55 sheets	55.00		55.00
56 to 70 sheets	65.00		65.00
70+ sheets	65.00 + 1.00 per sheet above 70		65.00 + 1.00 per sheet above 70
City spec. book or project spec. book	50.00 ea		50.00 ea
CD copy of spec book	5.00		5.00
Concrete permit	10% construction cost		10% construction cost
Excavation permit: (traffic ctrl may apply)			
New	100.00		100.00
Stub out	100.00		100.00
Completion	100.00		100.00
Fire line flush	50.00 ea		50.00 ea
Approach permit	100.00 w/study		100.00 w/study
Approach permit	50.00 w/o study		50.00 w/o study
Grading permits	20.00 block (min 65.00)		20.00 block (min 65.00)
Traffic control fee (small)	30.00 + small projects		30.00 + small projects
Traffic control fee (large)	300.00 + large projects		300.00 + large projects
Street/sidewalk cut charge	30.00		30.00
Engineering fees-city projects	10% construction cost		10% construction cost
Engineering special projects	Wages x 1.75 + add'l costs		Wages x 1.75 + add'l costs
Traffic operations data	30.00		30.00
	or cost + 10%		or cost + 10%
Snow removal - sidewalk	Cost +		Cost +
	40.00 administration		40.00 administration
Vehicle oversize permits	20.00+ ton-mile fee	10.00	30.00+ ton-mile fee
	during spring load restrictions		during spring load restrictions
	25.00 over size	10.00	35.00 over size









DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Municipal Court			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Traffic Citations:			
Sale/possession of tobacco under 18	45.00		45.00
Authority of police/fire department	20.00		20.00
Public employees to obey traffic regs	20.00		20.00
Emergency vehicles	50.00		50.00
Yield to emergency vehicle	50.00		50.00
Written report of accident	50.00		50.00
No current registration	20.00		20.00
No drivers license	20.00		20.00
No class 4 drivers license	20.00		20.00
No drivers license in possession	20.00		20.00
Child restraint devices	25.00		25.00
Registration card to be carried in vehicle	20.00		20.00
Registration card upon employment	20.00		20.00
Visible license plate	20.00		20.00
Seatbelts required	20.00		20.00
Notice change of address	20.00		20.00
License required upon residency	20.00		20.00
Red light violation	20.00		20.00
Flashing red light violation	20.00		20.00
Pedestrian control signal	20.00		20.00
Designation of lanes, walks, etc	20.00		20.00
Obedience to traffic control device	20.00		20.00
Fail to obey traffic signal	20.00		20.00
Careless driving	30.00		30.00
Care required	30.00		30.00
Speeding (4 mph over limit)	5.00		5.00
Speeding (5 mph over limit)	5.00		5.00
Speeding (6 mph over limit)	6.00		6.00
Speeding (7 mph over limit)	7.00		7.00
Speeding (8 mph over limit)	8.00		8.00
Speeding (9 mph over limit)	9.00		9.00
Speeding (10 mph over limit)	10.00		10.00
Speeding (11 mph over limit)	11.00		11.00
Speeding (12 mph over limit)	12.00		12.00
Speeding (13 mph over limit)	13.00		13.00
Speeding (14 mph over limit)	14.00		14.00
Speeding (15 mph over limit)	15.00		15.00
Speeding (16 mph over limit)	17.00		17.00
Speeding (17 mph over limit)	19.00		19.00
Speeding (18 mph over limit)	21.00		21.00
Speeding (19 mph over limit)	23.00		23.00
Speeding (20 mph over limit)	25.00		25.00
Speeding (21 mph over limit)	28.00		28.00
Speeding (22 mph over limit)	31.00		31.00
Speeding (23 mph over limit)	34.00		34.00
Speeding (24 mph over limit)	37.00		37.00
Speeding (25 mph over limit)	40.00		40.00
Speeding (26 mph over limit)	43.00		43.00
Speeding (27 mph over limit)	46.00		46.00
Speeding (28 mph over limit)	49.00		49.00

DEPARTMENTAL FEES AND CHARGES

<b>DEPARTMENT: Municipal Court (Continued)</b>			
	<b>FEES AND CHARGES</b>		
	<b>2011 Current Base Fee</b>	<b>Proposed Revised Change</b>	<b>2012 Fee</b>
Speeding (29 mph over limit)	52.00		52.00
Speeding (30 mph over limit)	55.00		55.00
Speeding (31 mph over limit)	58.00		58.00
Speeding (32 mph over limit)	61.00		61.00
Speeding (33 mph over limit)	64.00		64.00
Speeding (34 mph over limit)	67.00		67.00
Speeding (35 mph over limit)	70.00		70.00
Speeding (36 mph over limit)	73.00		73.00
Speeding (37 mph over limit)	76.00		76.00
Speeding (38 mph over limit)	79.00		79.00
Speeding (39 mph over limit)	82.00		82.00
Speeding (40 mph over limit)	85.00		85.00
Speeding (41 mph over limit)	88.00		88.00
Speeding (42 mph over limit)	91.00		91.00
Speeding (43 mph over limit)	94.00		94.00
Speeding (44 mph over limit)	97.00		97.00
Speeding (45 mph over limit)	100.00		100.00
Speeding (46 mph over limit)	105.00		105.00
Speeding (47 mph over limit)	110.00		110.00
Speeding (48 mph over limit)	115.00		115.00
Speeding (49 mph over limit)	120.00		120.00
Speeding (50 mph over limit)	125.00		125.00
Speeding (51 mph over limit)	130.00		130.00
Speeding (52 mph over limit)	135.00		135.00
Speeding (53 mph over limit)	140.00		140.00
Speeding (54 mph over limit)	145.00		145.00
Speeding (55 mph over limit)	150.00		150.00
Speeding (56 mph over limit)	155.00		155.00
Speeding (57 mph over limit)	160.00		160.00
Speeding (58 mph over limit)	165.00		165.00
Speeding (59 mph over limit)	170.00		170.00
Speeding (60 mph over limit)	175.00		175.00
Speeding (61 mph over limit)	180.00		180.00
Speeding (62 mph over limit)	185.00		185.00
Speeding (63 mph over limit)	190.00		190.00
Speeding (64 mph over limit)	195.00		195.00
Speeding (65 mph over limit)	200.00		200.00
Minimum speed limits	20.00		20.00
Drag racing	100.00		100.00
Exhibition driving	50.00		50.00
Exceed speed limit on private property	20.00		20.00
Const. speeding (1 mph over limit)	80.00		80.00
Const. speeding (2 mph over limit)	80.00		80.00
Const. speeding (3 mph over limit)	80.00		80.00
Const. speeding (4 mph over limit)	80.00		80.00
Const. speeding (5 mph over limit)	80.00		80.00
Const. speeding (6 mph over limit)	80.00		80.00
Const. speeding (7 mph over limit)	80.00		80.00
Const. speeding (8 mph over limit)	80.00		80.00
Const. speeding (9 mph over limit)	80.00		80.00
Const. speeding (10 mph over limit)	80.00		80.00

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Municipal Court (Continued)			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Const. speeding (11 mph over limit)	82.00		82.00
Const. speeding (12 mph over limit)	84.00		84.00
Const. speeding (13 mph over limit)	86.00		86.00
Const. speeding (14 mph over limit)	88.00		88.00
Const. speeding (15 mph over limit)	90.00		90.00
Const. speeding (16 mph over limit)	92.00		92.00
Const. speeding (17 mph over limit)	94.00		94.00
Const. speeding (18 mph over limit)	96.00		96.00
Const. speeding (19 mph over limit)	98.00		98.00
Const. speeding (20 mph over limit)	100.00		100.00
Const. speeding (21 mph over limit)	102.00		102.00
Const. speeding (22 mph over limit)	104.00		104.00
Const. speeding (23 mph over limit)	106.00		106.00
Const. speeding (24 mph over limit)	108.00		108.00
Const. speeding (25 mph over limit)	110.00		110.00
Const. speeding (26 mph over limit)	112.00		112.00
Const. speeding (27 mph over limit)	114.00		114.00
Const. speeding (28 mph over limit)	116.00		116.00
Const. speeding (29 mph over limit)	118.00		118.00
Const. speeding (30 mph over limit)	120.00		120.00
Obedience to turn signs	20.00		20.00
Position/method of turn at intersection	20.00		20.00
Left turn at other than 2-way roadway	20.00		20.00
Vehicle turn left at intersection	20.00		20.00
Limitations on turning around	20.00		20.00
Proper signal upon turning	20.00		20.00
Stopping vehicle on roadway	20.00		20.00
Fail to use hand/arm or signal lamps	20.00		20.00
Wrong way on a one-way	20.00		20.00
Stop sign violation	20.00		20.00
Fail to yield	20.00		20.00
Obedience to train signals	50.00		50.00
Vehicle stop-railroad crossing/stop signs	50.00		50.00
Vehicle to stop at railroad crossing	50.00		50.00
When traffic obstructed	20.00		20.00
Drive through funeral procession	20.00		20.00
Drive on right side of roadway	20.00		20.00
Passing vehicles proceeding/opposite dir.	20.00		20.00
Overtaking vehicle on left	20.00		20.00
Overtaking vehicle on right	20.00		20.00
Limitations on over-taking on the left	20.00		20.00
Pass with obstructed view	20.00		20.00
No passing zone	20.00		20.00
Drive on road laned for traffic	20.00		20.00
Following too close	20.00		20.00
Driving on divided highway	20.00		20.00
Restricted access	20.00		20.00
Vehicle entering roadway	20.00		20.00
Vehicle approach/enter intersection	20.00		20.00
Overtaking & passing a school bus	50.00		50.00
Unattended motor vehicle	20.00		20.00

DEPARTMENTAL FEES AND CHARGES

<b>DEPARTMENT: Municipal Court (Continued)</b>			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Limitations on backing	20.00		20.00
Drive with view obstructed	20.00		20.00
Open/close vehicle door when unsafe	20.00		20.00
Coasting prohibited	20.00		20.00
Following fire apparatus	20.00		20.00
Crossing fire hose	20.00		20.00
Garbage/glass on highway prohibited	20.00		20.00
Open container in motor vehicle	50.00		50.00
Permitting minor to drive	20.00		20.00
Permit unauthorized person to drive	20.00		20.00
Driving upon sidewalk	20.00		20.00
Start a vehicle unsafely	20.00		20.00
Driving on blvd/private property prohibited	20.00		20.00
Entering freeways	20.00		20.00
Operation of snowmobiles	20.00		20.00
Vehicle sound system	50.00		50.00
Unlawful use of motorized scooter	50.00		50.00
Riding on motorcycles	20.00		20.00
Motorcycle lane violation	20.00		20.00
Clinging to other vehicles (motorcycles)	20.00		20.00
Motorcycle, footrests	20.00		20.00
Motorcycle equipment	20.00		20.00
No crash helmet on motorcycle	20.00		20.00
Bicycles traffic laws apply	5.00		5.00
Riding on sidewalk (bicycles)	5.00		5.00
Bicycle clinging to vehicle	5.00		5.00
Bicycle equipment, lamps & equipment	5.00		5.00
Equipment on vehicle to conform	20.00		20.00
Mufflers required	20.00		20.00
Improper brakes	20.00		20.00
No tail/clearance lights	20.00		20.00
Improper horn	20.00		20.00
Improper mirror	20.00		20.00
Improper tires	20.00		20.00
Signals not working	20.00		20.00
Improper wipers	20.00		20.00
Obstructed/tinted windows	20.00		20.00
Size, width & height restrictions	20.00		20.00
Travel off truck route	20.00		20.00
Pedestrians to obey traffic devices	20.00		20.00
Fail to yield to pedestrian	50.00		50.00
Jaywalking	20.00		20.00
Driver to exercise due care	20.00		20.00
Pedestrian on roadway	20.00		20.00
Blind pedestrian right of way	50.00		50.00
Pedestrian under influence-alcohol/drugs	20.00		20.00
Soliciting rides or business	20.00		20.00
Roll/skate/board restrictions	30.00		30.00

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Municipal Court (Continued)	FEES AND CHARGES		
	2011	Proposed	
	Current	Revised	2012
Service	Base Fee	Change	Fee
Parking Citations:			
10 minute zone	10.00		10.00
30 minute zone (1st offense)	10.00		10.00
30 minute zone (2nd offense)	20.00		20.00
30 minute zone (3rd offense)	30.00		30.00
30 minute zone (4th offense)	40.00		40.00
30 minute zone (5th offense)	50.00		50.00
60 minute zone (1st offense)	10.00		10.00
60 minute zone (2nd offense)	20.00		20.00
60 minute zone (3rd offense)	30.00		30.00
60 minute zone (4th offense)	40.00		40.00
60 minute zone (5th offense)	50.00		50.00
90 minute zone (1st offense)	10.00		10.00
90 minute zone (2nd offense)	20.00		20.00
90 minute zone (3rd offense)	30.00		30.00
90 minute zone (4th offense)	40.00		40.00
90 minute zone (5th offense)	50.00		50.00
2 hour zone (1st offense)	10.00		10.00
2 hour zone (2nd offense)	20.00		20.00
2 hour zone (3rd offense)	30.00		30.00
2 hour zone (4th offense)	40.00		40.00
2 hour zone (5th offense)	50.00		50.00
48 hour zone	15.00		15.00
Double parking	15.00		15.00
Fire hydrant	15.00		15.00
Fire lane	10.00		10.00
Block driveway	10.00		10.00
Bus stop	10.00		10.00
Night restriction	10.00		10.00
Oversize close to intersection	10.00		10.00
Overtime rec vehicle	15.00		15.00
15 feet from intersection	10.00		10.00
10 feet from crosswalk	10.00		10.00
Blocking sidewalk	10.00		10.00
Blocking crosswalk	15.00		15.00
Parking on boulevard	10.00		10.00
No parking zone	10.00		10.00
Alley parking	10.00		10.00
Blocking alley	10.00		10.00
Left side of street	10.00		10.00
Loading zone	10.00		10.00
Loading zone (5th & Main)	50.00		50.00
Handicap zone	100.00		100.00
Display mobility permit	5.00		5.00
No skate/rollerblade	5.00		5.00
Miscellaneous offense	5.00		5.00
Record search	1.00 per page or 5.00		1.00 per page or 5.00
	certified copy		certified copy
NSF check charge	20.00		20.00
Criminal citations	0-1,000.00		0-1,000.00



**DEPARTMENTAL FEES AND CHARGES**

<b>DEPARTMENT: Public Health</b>			
	<b>FEES AND CHARGES</b>		
	<b>2011 Current Base Fee</b>	<b>Proposed Revised Change</b>	<b>2012 Fee</b>
<b>Service</b>			
<b>Health services/office visits:</b>			
Nursing assessment	52.00	1.50	53.50
Partial nursing assessment	26.00	0.75	26.75
Blood draw	8.00	0.25	8.25
Cholesterol screening	25.00	0.75	25.75
Dressing change	13.00	0.40	13.40
Ear exam	13.00	0.40	13.40
Ear wash	40.00	1.20	41.20
Fasting blood sugar	6.00	0.20	6.20
Head lice	13.00	0.40	13.40
Hearing screening	13.00	0.40	13.40
Hemoglobin checked	6.00	0.20	6.20
Injections	19.00	0.60	19.60
Medication admin	2.80	0.10	2.90
Medication set-up	15.00	0.45	15.45
Pedicure (individual procedures incl for patient fees)	21.00	0.65	21.65
Protime	10.00	0.30	10.30
Pulse oximetry	3.20	0.10	3.30
Scoliosis screening	13.00	0.40	13.40
Skin rash	13.00	0.40	13.40
Stitch removal	13.00	0.40	13.40
Throat culture	13.00	0.40	13.40
Tuberculin test	5.00	0.15	5.15
Tympanogram	22.00	0.70	22.70
Urinalysis	5.00	0.15	5.15
Vision screening	13.00	0.40	13.40
<b>Immunization (child)</b>			
Medicaid clients	13.90		13.90
Nonmedicaid clients	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
<b>Immunization (adult/overseas)</b>			
<b>Overseas immunization:</b>			
Typhoid	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
Yellow fever	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
Hepatitis A	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
Hepatitis B	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
Meningococcal	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt
Pneumonia	Cost + 21.75 for 1st shot 11.25 ea add'l shot during same appt	Cost + 1.60 for 1st shot 0.65 ea add'l shot during same appt	Cost + 23.35 for 1st shot 11.90 ea add'l shot during same appt





DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Airport			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Terminal building income:			
Conference room rental-terminal	45.00/60.00/75.00		45.00/60.00/75.00
Conference room rental-office	45.00/60.00/75.00		45.00/60.00/75.00
Security costs:			
Lost key card/badge metal key reimbursement			
First loss (\$20.00 refundable)	40.00		40.00
Second loss (no refund)	100.00		100.00
Third loss (no refund)	200.00		200.00
Fingerprint fees	50.00		50.00
Total passenger facility charge	4.50 per passenger		4.50 per passenger
Equipment rental rates: (2 hr min for OT)			
950 loader cat (snow blower)	75.00 hr		75.00 hr
12E patrol (motor grader)	45.00 hr		45.00 hr
Skid steer	45.00 hr		45.00 hr
Clark 290/oshkosh 24 ft plow	100.00 hr		100.00 hr
Kodiak snow blower	120.00 hr		120.00 hr
Small power plant	15.00 hr	10.00 hr	25.00 hr
644 loader (John Deere)	80.00 hr		80.00 hr
15' rotary mower with tractor	75.00 hr		75.00 hr
Daewoo 6000 lb forklift	50.00 hr	12.00 hr	62.00 hr
High pressure washer/steam	18.00 hr		18.00 hr
Shop rental to contractor	50.00/hr		50.00/hr
Shop supplies	4% repair labor plus environm disp fee		4% repair labor plus environm disp fee
Welding with operator	75.00 hr		75.00 hr
Mechanics labor	50.00 hr/OT 75.00 hr	25.00 hr/OT 37.50/hr	75.00 hr/OT 112.50/hr
Light plant	20.00 hr	5.00 hr	25.00 hr
Jetway labor	100.00 hr/OT 150.00 hr		100.00 hr/OT 150.00 hr
Operator/mechanics/operations agent labor	50.00 hr/OT 75.00 hr	25.00 hr/OT 37.50/hr	75.00 hr/OT 112.50/hr
Supervisor labor	60.00 hr/OT 90.00 hr	25.00 hr/OT 37.50/hr	85.00 hr/OT 127.50/hr
Snow broom	200.00 hr		200.00 hr
Bucket truck (de-icer)	70.00 hr + cost of fluid		70.00 hr + cost of fluid
Grove 66' telescoping lift	70.00 hr	54.00 hr	124.00 hr
Skyjack scissor lift	70.00 hr	136.50 hr	206.50 hr
Cable locator	50/hr - OT 75/hr		50/hr - OT 75/hr
Challenger tractor with loader	75.00 hr		75.00 hr
Sander - de-icer truck (ramps, streets)	75.00 hr plus cost of fluid/sand	(5.00) hr	70.00 hr plus cost of fluid/sand
Tractor Tug (A/C towing)	New		75.00 hr
Office reimbursement & vending:			
NSF check charges	20.00 ea		20.00 ea
Airport/terminal user fees:			
Jetway use gate 1 (signatory)	50.00/use		50.00/use
Jetway use gate (scheduled chtr) gates 1-2-3	55.00/use		55.00/use
Jetway use gate (ad-hock chtr) gates 1-2-3	62.50/use		62.50/use



DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Civic Center			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Equipment rental:			
Banner/signage labor	prevailing rate		prevailing rate
Barricade	800.00 per event		800.00 per event
Basketball floor-set up	700.00 per event		700.00 per event
Booths	55.00 ea meeting rms/lobby		55.00 ea meeting rms/lobby
Booths	45.00 ea exhibit/arena		45.00 ea exhibit/arena
Box office ticket master	4% vs cap up to 2,500.00 & debit card charges		4% vs cap up to 2,500.00 & debit card charges
Ticket sellers-day of show	prevailing rate		prevailing rate
Broadway curtains	New	500.00	500.00
Broadway portal	New	250.00	250.00
Bulk space	.20 per square feet		.20 per square feet
Carpet	35.00 ea booth .20 per square feet	0.20	35.00 ea booth .40 per square feet
Catering fee - list of approved caterers provided	17%		17% or 1.00 per plate whichever is less
Catering by civic center	per menu provided on request		per menu provided on request
Catering - liquor	provided by exclus liq caterer		provided by exclus liq caterer
Closing bowen avenue	275.00 per event		275.00 per event
Copies	.25 bl/white & 1.00 color		.25 bl/white & 1.00 color
Draping	1.75 per foot		1.75 per foot
Drawing barrel	20.00		20.00
DVD/VCR player	50.00 ea		50.00 each
DVD/VCR player/recorder	50.00 ea		50.00 each
Electrical charge buy out of arena or exhibit hall	1,000.00	Up to 2,500.00	Up to 2,500.00
Electrical charge buy out of arena and exhibit hall	1,500.00		1,500.00
Electrical power	15.00/110 v		15.00/110 v
Trade shows/booth power	30.00/220 v		30.00/220 v
Electrical-parking Lots			
MDU meter fee	prevailing rate		prevailing rate
Power use fee	prevailing rate		prevailing rate
Facility fee:			
Tickets priced over \$20	2.00 all tickets		2.00 all tickets
Tickets priced \$19.99 thru \$10	1.50 all tickets		1.50 all tickets
Tickets priced under \$9.99 thru \$5	1.00 all tickets		1.00 all tickets
Tickets priced under \$5 to \$0	.50 all tickets		.50 all tickets
Trade show/non profit admissions	.25 per ticket		.25 per ticket
High school activities/NDHSAA	.50/session or \$1 per day pass		.50/session or \$1 per day pass
Faxes	2.00 per page		2.00 per page
Forklift/includes operator	60.00 per hour 350.00 per 8 hours		60.00 per hour 350.00 per 8 hours
Flipchart	18.00 each		18.00 each
Genie lift	100.00 per day		100.00 per day
Lighting truss	700.00 + set up		700.00 + set up
Lighting truss-operator	prevailing rate		prevailing rate
Marker board	25.00 ea		25.00 each
Microphones	35.00 ea regular		35.00 ea regular
(1 regular microphone free with room)	35.00 ea wireless headset 35.00 ea lavalier 35.00 ea wireless handheld		35.00 ea wireless headset 35.00 ea lavalier 35.00 ea wireless handheld

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Civic Center (Continued)			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Novelties - in house	up to 30% soft & up to 10% music 75/25 event sells		up to 30% soft & up to 10% music
Overhead projector	38.00 ea		38.00 ea
Paid parking per vehicle	2.00 per space per day		2.00 per space per day
Parking attendant	prevailing rate		prevailing rate
Phones	100.00 per phone		100.00 per phone
Piano (tuning extra)	50.00		50.00
Portable sink set-up/down	75.00 per event		75.00 per event
Prairie rose av package	New	125.00	125.00
Projector screen-12'x12'	50.00 per event		50.00 per event
Projector screen-smaller sizes	25.00 per event		25.00 per event
Registr tables-tall w/skirt & cover	55.00 each		55.00 each
Reset charge-main area	275.00		275.00
Reset charge-meeting room	110.00		110.00
Risers - stage	1.10 square foot		1.10 square foot
Scoreboard :	Mid level 95.00/hr		Mid level 95.00/hr
	Full prod 150.00/hr		Full prod 150.00/hr
	Recording Fee-50.00		50.00
Service fee	up to 10% fee added to outside rented equipment		up to 10% fee added to outside rented equipment
Skirting-vinyl	15.00 ea		15.00 ea
Skirting-cloth	29.00 ea		29.00 ea
Skirting/tablecover vinyl/paper	21.00 ea		21.00 ea
Skirting/tablecover cloth	43.00 ea		43.00 ea
Sound:			
Mini portable setup/no mixer	50.00		50.00
Portable setup	125.00		125.00
Arena or exhibit hall	Included in rent		Included in rent
Mixer board	50.00 flat fee		50.00 flat fee
Sound tech	prevailing rate		prevailing rate
Monitors	35.00 per event		35.00 per event
Spotlights-lycian 1290 xlt w/clr com	175.00 per performance		175.00 per performance
Spotlights-fixed spots	25.00 per light		25.00 per light
Staging w/backdrop & side curtain	1.10 per sq ft		1.10 per sq ft
Tables	7.00 ea		7.00 each
	Right to charge for additional tables outside of initial setup		Right to charge for add'l tables outside of initial setup
Tables covers	5.00 ea vinyl/paper 10.00 ea cloth		5.00 ea vinyl/paper 10.00 ea cloth
Towels - hand	.75 ea		.75 ea
Towels - bath	1.50 ea		1.50 ea
Towels-replacement	8.00 ea		8.00 ea
Television:			
19"-27"	75.00 ea		75.00 ea
35"	75.00 ea		75.00 ea
52"	75.00 ea		75.00 ea
Arena + all arena meeting rooms	3,000.00		3,000.00
Arena only	2,000.00		2,000.00
Entire building (arena, exhibit hall and all meeting rooms)	5,500.00 per day		5,500.00 per day
Arena stage shows vs 12% gross	10% vs cap up to 5,000.00		10% vs cap up to 5,000.00
Ticketed events	10% vs cap up to 7,500.00		10% vs cap up to 7,500.00



DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Belle Mehus			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
Commercial events/shows	750.00 vs 12%	Up to 2,500.00	Up to 2,500.00
Per performance non profit (Basic rental) for 8 hrs	440.00		440.00
	Add'l performance on same day 50% of highest grossing perf		Add'l performance on same day 50% of highest grossing perf
Local events	480.00		480.00 per day
Out of state events	500.00		500.00 per day
Lecture demo in conj with public perf	125.00 ea		125.00 ea
Electrical demand	200.00		200.00
Rehearsal/practice	50.00 per hour		50.00 per hour
Local performing arts	35.00 hr scheduled 50.00 unscheduled or over run time		35.00 hr scheduled 50.00 unscheduled or over run time
Catering fee (List of approved caterers provided)	17%		17%
BCC catering	Per menu provided on request		Per menu provided on request
Conductor room (w auditorium rental)	50.00		50.00
Conductor room	120.00		120.00
Atrium upper/lower	165.00		165.00
Equipment rental: Belle Mehus			
Chairs	included in rent		included in rent
Clear com	included in rent		included in rent
Facility fees			
Ticket priced over \$20	2.00		2.00
Ticket priced under \$20 & over \$10	1.50		1.50
Ticket priced under \$10-\$5	1.00		1.00
Ticket priced under \$5	.50		.50
Trade show/schools/NDHSAA	.25		.25
Fixed spots	12.50 ea		12.50 ea
	16 lights included in base rent		16 lights included in base rent
Ladders	2-10' Included in rent		2-10' Included in rent
Liquor catering	provided by exclusive liquor caterer		provided by exclusive liquor caterer
Meeting room	50.00 per day w/main theatre 120.00 per day if used separate from main theatre		50.00 per day w/main theatre 120.00 per day if used separate from main theatre
Microphones - additional	35.00		35.00
Monitor	35.00 ea		35.00 ea
Pit wall - remove & replace	180.00		180.00
Piano	100.00		100.00
Piano tuning	prevailing rate		prevailing rate
Risers - stage	4 sections included in rent		4 sections included in rent
Sound system	included in rent		included in rent
Sound/light tech	prevailing rate		prevailing rate
Spotlights-trouperette	50.00 ea		50.00 each
Tables	25 included in rent		25 included in rent

DEPARTMENTAL FEES AND CHARGES

<b>DEPARTMENT: Public Works-Service Operations</b>			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
<b>Forestry:</b>			
Tree trimmers license	75.00		75.00
Arborist certification test	75.00		75.00
Private property technical svc	50.00/hr		50.00/hr
Firewood sales	10.00 per ton		10.00 per ton
Forestry wood chipper mulch single grind	.024/lb or 8.00/cy		.024/lb or 8.00/cy
Forestry wood chipper mulch single grind	.02/lb or 6.70/cy		.02/lb or 6.70/cy
bulk (over 1 ton)	or 40.00/ton		or 40.00/ton
Saw logs	45.00/1,000 board ft		45.00/1,000 board ft
Aerial lift truck 60 ft	46.20/hr		46.20/hr
Log truck w/crane	35.81/hr		35.81/hr
Wood chipper-bandit	49.67/hr		49.67/hr
Chipper truck	35.81/hr		35.81/hr
Stump router	28.88/hr		28.88/hr
Fee - site plan review	50.00		50.00
<b>Roads &amp; Streets:</b>			
Asphalt repair	9.77 sq ft/minimum charge of 69.00		9.77 sq ft/minimum charge of 69.00
<b>Equipment rental:</b>			
1/2 ton pickup	6.04/hr		6.04/hr
3/4 ton pickup	7.25/hr		7.25/hr
1 ton pickup	8.09/hr		8.09/hr
Dump truck	35.80/hr		35.80/hr
Motor grader	76.23/hr		76.23/hr
930 loader	43.89/hr		43.89/hr
950 loader	62.37/hr		62.37/hr
544 loader	38.12/hr		38.12/hr
644 loader	61.22/hr		61.22/hr
Skid steer	24.26/hr		24.26/hr
Utility trailer	3.47/hr		3.47/hr
Sweeper	64.68/hr		64.68/hr
Asphalt saw	12.71/hr		12.71/hr
Paver	56.60/hr		56.60/hr
Roller (small)	17.90/hr		17.90/hr
Roller (large)	19.64/hr		19.64/hr
Air compressor	8.66/hr		8.66/hr
Feller/bencher	82.00/hr		82.00/hr
Disc	5.78/hr		5.78/hr
Broce broom	31.19/hr		31.19/hr
Service truck	28.88/hr		28.88/hr
Chip spreader	64.68/hr		64.68/hr
Oil distributor	71.61/hr		71.61/hr
Truck-mounted generator	25.41/hr		25.41/hr
Backhoe	28.88/hr		28.88/hr
Mower (Toro/JD/etc)	17.33/hr		17.33/hr
Dump truck with sander	48.10/hr		48.10/hr
Dump truck with plow	48.10/hr		48.10/hr
Snow blower	60.00/hr		60.00/hr
Generator 4000kw & less	1.16/hr		1.16/hr

DEPARTMENTAL FEES AND CHARGES

<b>DEPARTMENT: Public Works-Service Operations (Continued)</b>			
Service	FEES AND CHARGES		
	2011	Proposed	2012
	Current Base Fee	Revised Change	
Generator 4001kw & more	2.31/hr		2.31/hr
Loop saw	5.78/hr		5.78/hr
Barricades	1.16/day/barricade		1.16/day/barricade
Tar kettle	2.31/hr		2.31/hr
Paint striper	3.47/hr		3.47/hr
Concrete saw	12.71/hr		12.71/hr
Aerial lift truck 34 ft	20.79/hr		20.79/hr
Aerial lift truck 40 ft	39.27/hr		39.27/hr
Aerial lift truck 60 ft	46.20/hr		46.20/hr
Farm tractor w/mower	31.19/hr		31.19/hr
*Plus labor - average costs of department payroll			
Infrastructure damage claim requests will include replacement costs of infrastructure plus labor			
<b>Street lights:</b>			
Residential w/lights	6.29	0.38	6.67
Residential w/o lights	1.54	0.09	1.63
Rental units - apartments	6.29/1.54	0.38/0.09	6.67/1.63
Commercial - other	9.37/4.70	0.56/0.28	9.93/4.98
*Plus labor - average costs of department payroll			
Infrastructure damage claim requests will include replacement costs of infrastructure plus labor			
<b>Solid Waste:</b>			
Commercial/non-resident with scale installation			
<b>Special fees:</b>			
Furniture and major appliances-resident	5.00 ea		5.00 ea
Furniture and major appliances-non-resident	7.00 ea		7.00 ea
Refrigerated appliances-resident	18.00 ea		18.00 ea
Refrigerated appliances-non-resident	20.00 ea		20.00 ea
<b>Tires:</b>			
14" to 15"	2.00 ea		2.00 ea
16"	2.75 ea		2.75 ea
over 16"	6.00 ea		6.00 ea
Used engine oil - no charge			
Car body-resident	25.00 ea		25.00 ea
Car body-non-resident	30.00 ea		30.00 ea
Trailer homes-resident	65.00 ea		65.00 ea
Trailer homes-non-resident	65.00 ea		65.00 ea
Large animals-resident	10.00 ea		10.00 ea
Large animals-non-resident	15.00 ea		15.00 ea
Small animals-resident	2.00 ea		2.00 ea
Small animals-non-resident	4.00 ea		4.00 ea
Vehicle weighing/other scale usage-resident	10.00 ea		10.00 ea
Vehicle weighing/other scale usage-non-resident	15.00 ea		15.00 ea
Vehicle weighing/other scale usage-commercial	15.00 ea		15.00 ea
Loading fee for compost or wood chips	65.00 ea		65.00 ea
Asphalt millings per ton, minimum of 12 ton	6.00		6.00
Crushed asphalt per ton, minimum of 12 ton	6.00		6.00
Fluorescent lamps less than 4 ft in length	.50		0.50
Fluorescent lamps 5 ft and over in length	.75		0.75
U-shaped and circular fluorescent lamps	.50		0.50
High intensity discharge lamps	1.25		1.25
Compact fluorescent lamps with ballasts	1.00		1.00

DEPARTMENTAL FEES AND CHARGES

DEPARTMENT: Public Works-Service Operations (Continued)			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
PCB ballasts	.75		0.75
PCB capacitor	1.50		1.50
Unstable reactive/pound	.60		0.60
Waste reactive/pound	.50		0.50
Oxidizers (Class I & II)/pound	.50		0.50
Organic peroxides (Class I)/pound	.50		0.50
Flammables (including solvent, aerosol)/pound	.82		0.82
Flammables (oil-based paint/stain)/gallon	1.10		1.10
Corrosives/pound	.82		0.82
Toxics/pound	.82		0.82
Paint (water based)/gal	.75/gal		.75/gal
Unknowns (liquid/solid)/pound	.60		0.60
Electronics/pound	0.22		0.22
Collection fees:			
Residential-90 gallon container	7.50 mo ea		7.50 mo ea
	2.05 landfill		2.05 landfill
Dumpsters - 1X	1 cu yd-29.60		1 cu yd-29.60
	1.5 cu yd-31.65		1.5 cu yd-31.65
	2 cu yd-33.75		2 cu yd-33.75
	3 cu yd-37.85		3 cu yd-37.85
	4 cu yd-41.95		4 cu yd-41.95
	6. cu yd-50.25		6. cu yd-50.25
	8. cu yd-58.50		8. cu yd-58.50
Dumpsters - 2X	1 cu yd-49.60		1 cu yd-49.60
	1.5 cu yd-53.75		1.5 cu yd-53.75
	2 cu yd-57.85		2 cu yd-57.85
	3 cu yd-66.15		3 cu yd-66.15
	4 cu yd-73.85		4 cu yd-73.85
	6 cu yd-90.90		6 cu yd-90.90
	8. cu yd-107.45		8. cu yd-107.45
Dumpsters - 3X	1 cu yd-83.30		1 cu yd-83.30
	1.5 cu yd-91.35		1.5 cu yd-91.35
	2 cu yd-98.90		2 cu yd-98.90
	3 cu yd-115.75		3 cu yd-115.75
	4 cu yd-129.95		4 cu yd-129.95
	6 cu yd-164.50		6 cu yd-164.50
	8 cu yd-197.70		8 cu yd-197.70
Disposal fees:	10.00/tn inert pit		10.00/tn inert pit
	33.00 ton		33.00 ton
	Subtitle D pit		Subtitle D pit
Landfill commercial account:			
Inspections landfill site surcharge	2.00		2.00
Set up fee	10.00		10.00
Minimum monthly charge	5.00		5.00
Hauler's license	1,000 per year		1,000 per year
NSF charge	20.00 ea		20.00 ea



DEPARTMENTAL FEES AND CHARGES

<b>DEPARTMENT: Public Works-Utility Operations</b>			
Service	FEES AND CHARGES		
	2011 Current Base Fee	Proposed Revised Change	2012 Fee
<b>Water rates:</b>			
Base rate	4.70	0.20	4.90
Rate per 100 cubic feet, 0-400 cu ft	1.87	0.08	1.95
Rate per 100 cubic feet, over 400 cu ft	2.25	0.10	2.35
Lawn rates	2.25	0.10	2.35
Demand charge-commercial only	10.00 per inch of meter size greater than 1"		10.00 per inch of meter size greater than 1"
Demand chg (apts, mobile hm crts, etc)	ea add'l living unit over 1 on a meter will have a demand chg of .50 per unit per mo		ea add'l living unit over 1 on a meter will have a demand chg of .50 per unit per mo
Surcharge for service line repairs, residential	1.00	0.10	1.10
<b>Water trunk line fee - special assessment</b>			
Base rate, residential single family	500.00		500.00
Duplex zoning < 10,000 square feet	500.00		500.00
Duplex zoning >10,000 & < 20,000 sq ft	1,000.00		1,000.00
Duplex or higher zoning & >20,000 sq ft	500.00 per 10,000 square ft		500.00 per 10,000 square ft
<b>Sewer rates:</b>			
Base rate	6.85	0.25	7.10
Rate per 100 cubic feet, 0-400 cu ft	1.46	0.06	1.52
Rate per 100 cubic feet, over 400 cu ft	1.72	0.08	1.80
Surcharge for backup coverage, residential	.15	0.05	0.20
Surcharge for backup coverage, commercial	.30	0.10	0.40
<b>Sanitary sewer trunk line fee-special assessment</b>			
Base rate, residential single family	500.00		500.00
Duplex zoning < 10,000 square feet	500.00		500.00
Duplex zoning >10,000 & < 20,000 sq ft	1,000.00		1,000.00
Duplex or higher zoning & >20,000 sq ft	500.00 per 10,000 square ft		500 per 10,000 square ft
<b>Storm Sewer Mtce:</b>			
Resident	2.25	0.10	2.35
Commercial per 10,000 sq ft of lot	4.00	0.20	4.20
Multifamily-first unit	2.25	0.10	2.35
ea additional unit	.45	0.02	0.47
<b>Wastewater:</b>			
High strength surcharge for industrial users	For excess of 250 mg/l: 78.78/1,000 lbs BOD 78.78/1,000 lbs SS	3.66 3.66	82.44/1,000 lbs BOD 82.44/1,000 lbs SS
Non sewer waste hauled to system	26.11	1.21	27.32
Reinstatement service fee	50.00 Mon-Fri 8 to 4pm		50.00 Mon-Fri 8 to 4pm
Reinstatement service fee	75.00 After hours		75.00 After hours
Water service calls - connect/disconnect	12.00/Next day service 18.00/Same day service		12.00/Next day service 18.00/Same day service
Install/remove lawn meters	38.00		38.00
Repair frozen meters	40.00 plus materials		40.00 plus materials
Hydrant hookups	38.00		38.00
Sale of water from hydrant hookup	.005/gallon with a 75.00 mo rent for meter		.005/gallon with a 75.00 mo rent for meter
Bulk water sales to fill tanks:	.005 per gallon		.005 per gallon
Minimum monthly charge (bulk water)	5.00		5.00



**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**FUND SOURCE SUMMARY**

FUNDING SOURCE	DEPARTMENT	2012	2013	2014	2015	2016	TOTAL
Airport Fund	Airport	2,539,000	619,750	719,750	371,250	897,500	5,147,250
Building Construction	Police Department	200,000	78,500				278,500
FAA Grant	Airport	7,315,000	6,135,250	6,075,250	7,053,750	7,552,500	34,131,750
Federal Grant	Police & Fire Training Facility	1,323,000	1,389,000	1,458,500			4,170,500
	Street and Highway Imp	8,646,000	5,996,000	396,000	5,196,000	396,000	20,630,000
Food and Beverage Tax	Civic Center	1,416,000					1,416,000
Other City Funds	Airport-Loan-City		1,500,000				1,500,000
	Fire Department-Land Sale or Trade	925,000					925,000
	Street & Highway Imp-Spec Deficiency	560,000	460,000	475,000	500,000	525,000	2,520,000
	St Lights-Gen Fund Cash Balance	80,000	80,000				160,000
Sales Tax	Street and Highway Imp	8,479,554	7,224,000	5,199,000	6,279,000	4,559,000	31,740,554
Solid Waste	Solid Waste	2,123,480	532,683				2,656,163
Special Assessment	Library		810,000				810,000
	Street and Highway Imp	9,515,000	7,515,000	7,800,000	7,975,000	8,290,000	41,095,000
	Storm Water	4,560,000	4,785,000	4,110,000	1,045,000	3,865,000	18,365,000
State Grant	Police & Fire Training Facility	1,323,000	1,389,000	1,458,500			4,170,500
	Water Treatment Plant	6,650,000	1,400,000				8,050,000
State Revolving Fund	Street Light Utility	204,050	210,479	168,525	110,000	110,000	803,054
Street Light Reserves	Sanitary Sewers	5,017,000	3,915,000	2,400,000	1,050,000	1,400,000	13,782,000
Utility Operations	Wastewater Treatment Plant	1,710,000	2,800,000	2,950,000	2,870,000	1,950,000	12,280,000
	Water Distribution	2,575,000	3,068,000	1,672,000	1,430,000	2,079,000	10,824,000
	Water Distribution-Replacement	2,582,000	1,287,000	1,254,000	2,013,000	1,617,000	8,753,000
	Water Treatment Plant	950,000	9,895,000	7,950,000	6,238,000		25,033,000
<b>TOTAL</b>		<b>68,693,084</b>	<b>61,089,662</b>	<b>44,086,525</b>	<b>42,131,000</b>	<b>33,241,000</b>	<b>249,241,271</b>

Airport	5,147,250	Other City Funds	5,105,000	State Revolving Fund	8,050,000
Building Construction	278,500	Sales Tax	31,740,554	Street Light Utility	803,054
FAA Grant	34,131,750	Solid Waste	2,656,163	Utility Operations	70,672,000
Federal Grant	24,800,500	Special Assessments	60,270,000		
Food and Beverage Tax	1,416,000	State Grant	4,170,500		

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**DEPARTMENT COSTS BY YEAR**

DEPARTMENT	2012	2013	2014	2015	2016	TOTAL	
Airport	Total Cost	9,854,000	8,255,000	6,795,000	7,425,000	8,450,000	40,779,000
	Less Non City	7,315,000	6,135,250	6,075,250	7,053,750	7,552,500	34,131,750
	Total City Cost	2,539,000	2,119,750	719,750	371,250	897,500	6,647,250
Civic Center	Total Cost	1,416,000	-	-	-	-	1,416,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	1,416,000	-	-	-	-	1,416,000
Fire Department	Total Cost	925,000	-	-	-	-	925,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	925,000	-	-	-	-	925,000
Library	Total Cost	-	810,000	-	-	-	810,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	-	810,000	-	-	-	810,000
Police Department	Total Cost	2,846,000	2,856,500	2,917,000	-	-	8,619,500
	Less Non City	200,000	78,500	-	-	-	278,500
	Total City Cost	2,646,000	2,778,000	2,917,000	-	-	8,341,000
Solid Waste	Total Cost	2,123,480	532,683	-	-	-	2,656,163
	Less Non City	-	-	-	-	-	-
	Total City Cost	2,123,480	532,683	-	-	-	2,656,163
Street Light Utility	Total Cost	284,050	290,479	168,525	110,000	110,000	963,054
	Less Non City	-	-	-	-	-	-
	Total City Cost	284,050	290,479	168,525	110,000	110,000	963,054
Streets and Highways Improvements	Total Cost	27,200,554	21,195,000	13,870,000	19,950,000	13,770,000	95,985,554
	Less Non City	8,646,000	5,996,000	396,000	5,196,000	396,000	20,630,000
	Total City Cost	18,554,554	15,199,000	13,474,000	14,754,000	13,374,000	75,355,554
Sanitary Sewers	Total Cost	5,017,000	3,915,000	2,400,000	1,050,000	1,400,000	13,782,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	5,017,000	3,915,000	2,400,000	1,050,000	1,400,000	13,782,000
Storm Sewers	Total Cost	4,560,000	4,785,000	4,110,000	1,045,000	3,865,000	18,365,000
	Less Non City	4,560,000	4,785,000	4,110,000	1,045,000	3,865,000	18,365,000
	Total City Cost	-	-	-	-	-	-

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**DEPARTMENT COSTS BY YEAR**

DEPARTMENT	2012	2013	2014	2015	2016	TOTAL	
Wastewater Treatment Plant	Total Cost	1,710,000	2,800,000	2,950,000	2,870,000	1,950,000	12,280,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	1,710,000	2,800,000	2,950,000	2,870,000	1,950,000	12,280,000
Water Distribution	Total Cost	2,575,000	3,068,000	1,672,000	1,430,000	2,079,000	10,824,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	2,575,000	3,068,000	1,672,000	1,430,000	2,079,000	10,824,000
Water Distribution - Watermain Replacement	Total Cost	2,575,000	3,068,000	1,672,000	1,430,000	2,079,000	10,824,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	2,575,000	3,068,000	1,672,000	1,430,000	2,079,000	10,824,000
Water Treatment Plant	Total Cost	2,582,000	1,287,000	1,254,000	2,013,000	1,617,000	8,753,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	2,582,000	1,287,000	1,254,000	2,013,000	1,617,000	8,753,000
TOTALS	Total Cost	7,600,000	11,295,000	7,950,000	6,238,000	-	33,083,000
	Less Non City	-	-	-	-	-	-
	Total City Cost	7,600,000	11,295,000	7,950,000	6,238,000	-	33,083,000
TOTALS	Total Cost	68,693,084	61,089,662	44,086,525	42,131,000	33,241,000	249,241,271
	Less Non City	20,721,000	16,994,750	10,581,250	13,294,750	11,813,500	73,405,250
	Total City Cost	47,972,084	44,094,912	33,505,275	28,836,250	21,427,500	175,836,021

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
AIRPORT

Requested Project	Rank	Cost to be Funded	Funding		2012	2013	Projected Costs Per Year			
			Source	%			2014	2015	2016	
Rehabilitate/Expand Apron Phase II	1	6,000,000	Airpt Operations Federal Grant	5 95	300,000 5,700,000	-	-	-	-	-
Rehabilitation Taxiway B	2	800,000	Airpt Operations Federal Grant	5 95	40,000 760,000	-	-	-	-	-
Purchase Broom	3	600,000	Airpt Operations	100	600,000	-	-	-	-	-
Pathway Lighting to Parking Lots	4	175,000	Airpt Operations	100	175,000	-	-	-	-	-
Long Term, Short Term and Car Rental										
Environmental Assmt for RPZ Land Purchase-Phase II	5	200,000	Airpt Operations Federal Grant	5 95	10,000 190,000	-	-	-	-	-
Modify ARFF Building and Doors	6	300,000	Airpt Operations	5	15,000	-	-	-	-	-
Rehabilitation AARF Parking Ramp	7	300,000	Airpt Operations	100	300,000	-	-	-	-	-
ARFF Truck with Extendable/ Penetrating Nozzle	8	1,079,000	Airpt Operations Federal Grant	100	1,079,000	-	-	-	-	-
Plans/Specs CY 2013 Construction	9	400,000	Airpt Operations Federal Grant	5 95	20,000 380,000	-	-	-	-	-
Car Rental Wash Facility	10	1,500,000	*GF Loan	100	-	1,500,000	-	-	-	-
Weland Mitigation-Phase II (RWY 21, RWY 03 and Approaches)	11	2,900,000	Airpt Operations Federal Grant	5 95	-	145,000 2,755,000	-	-	-	-
Drainage Improvements- Phase I	12	300,000	Airpt Operations Federal Grant	5 95	-	15,000 285,000	-	-	-	-
Rehabilitate/Construct Snow Removal Equipment Building	13	600,000	Airpt Operations Federal Grant	5 95	-	30,000 570,000	-	-	-	-
Construct South Side Service Road	14	1,260,000	Airpt Operations Federal Grant	5 95	-	60,000 1,200,000	-	-	-	-
Purchase Front End Loader/Plow	15	300,000	Airpt Operations Federal Grant	100 0	-	300,000	-	-	-	-
Relocate Airway Avenue/Airport Road Intersection	16	500,000	Airpt Operations Federal Grant	5 95	-	25,000 475,000	-	-	-	-
Construct "B" Area Access Road	17	500,000	Airpt Operations Federal Grant	5 95	-	25,000 475,000	-	-	-	-
Plans/Specs CY 2014 Construction	18	395,000	Airpt Operations Federal Grant	5 95	-	19,750 375,250	-	-	-	-
RWY13/31, 03/21, Txy "C", Service Rd, Pkg Lot Surface Treatment & Painting	19	650,000	Airpt Operations Federal Grant	5 95	-	-	32,500 617,500	-	-	-
Purchase Land for RPZ-Phase III	20	2,000,000	Airpt Operations Federal Grant	5 95	-	-	100,000 1,900,000	-	-	-

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**AIRPORT**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2013	2014	2015	2016	2016	
Welland Mitigation-Phase III (RWY 21, RWY 03 and Approaches)	21	1,000,000	Airpt Operations	5	-	-	50,000	-	-	-
			Federal Grant	95	-	-	950,000	-	-	-
Drainage Improvements- Phase II	22	450,000	Airpt Operations	5	-	-	22,500	-	-	-
			Federal Grant	95	-	-	427,500	-	-	-
Rehabilitate Taxiway Lights	23	120,000	Airpt Operations	5	-	-	6,000	-	-	-
			Federal Grant	95	-	-	114,000	-	-	-
Purchase Front End Loader Plow	24	400,000	Airpt Operations	100	-	-	400,000	-	-	-
Terminal and GA Ramp	25	1,500,000	Airpt Operations	5	-	-	75,000	-	-	-
			Federal Grant	95	-	-	1,425,000	-	-	-
Panel Replacement	26	675,000	Airpt Operations	5	-	-	33,750	-	-	-
			Federal Grant	95	-	-	641,250	-	-	-
Rehabilitate & Strengthen Rwy 13/31	27	4,000,000	Airpt Operations	5	-	-	-	-	200,000	-
			Federal Grant	95	-	-	-	-	3,800,000	-
Purchase Plow	28	750,000	Airpt Operations	5	-	-	-	-	37,500	-
			Federal Grant	95	-	-	-	-	712,500	-
Reconfigure Terminal Access Road	29	500,000	Airpt Operations	5	-	-	-	-	25,000	-
			Federal Grant	95	-	-	-	-	475,000	-
Rehabilitate Commercial Terminal	30	1,500,000	Airpt Operations	5	-	-	-	-	75,000	-
			Federal Grant	95	-	-	-	-	1,425,000	-
Plans/Specs CY 2016 Construction	31	675,000	Airpt Operations	5	-	-	-	-	33,750	-
			Federal Grant	95	-	-	-	-	641,250	-
Extend/Widen Rwy 03/21	32	2,250,000	Airpt Operations	5	-	-	-	-	-	112,500
			Federal Grant	95	-	-	-	-	-	2,137,500
Construct Cargo Apron/Taxiway Expansion	33	4,000,000	Airpt Operations	5	-	-	-	-	-	200,000
			Federal Grant	95	-	-	-	-	-	3,800,000
Environmental Assmt for Land Supporting SE Expansion of Rwy 31-Phase I	34	500,000	Airpt Operations	5	-	-	-	-	-	25,000
			Federal Grant	95	-	-	-	-	-	475,000
Electronic Airport Layout Plan (E-ALP)	35	700,000	Airpt Operations	5	-	-	-	-	-	35,000
			Federal Grant	95	-	-	-	-	-	665,000
Pay Parking Lot Expansion	36	500,000	Airpt Operations	100	-	-	-	-	-	500,000
Plans/Specs CY 2017 Construction	37	500,000	Airpt Operations	5	-	-	-	-	-	25,000
			Federal Grant	95	-	-	-	-	-	475,000
<b>TOTAL</b>		<b>40,779,000</b>			<b>9,854,000</b>	<b>8,255,000</b>	<b>6,795,000</b>	<b>7,425,000</b>	<b>8,450,000</b>	
<b>NON-CITY FUNDING</b>		<b>34,131,750</b>			<b>7,315,000</b>	<b>6,135,250</b>	<b>6,075,250</b>	<b>7,053,750</b>	<b>7,552,500</b>	
<b>TOTAL CITY FUNDING</b>		<b>6,647,250</b>			<b>2,539,000</b>	<b>2,119,750</b>	<b>719,750</b>	<b>371,250</b>	<b>897,500</b>	

\*Potential Funding in 2013 or 2014

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rehabilitate/Expand Apron Phase II      Priority: 1 of 37 1st Year: 2009

Description: Rehabilitate commercial ramp by replacing concrete panels. Continues rehabilitation started in Phase I

Justification: Second phase of a plan to rehabilitate commercial ramp panels that have PCI readings of Fair, Poor, or Very Poor.

Scheduling and Project Status: 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify)	\$6,000,000					\$6,000,000
<b>Total</b>	<b>\$6,000,000</b>					<b>\$6,000,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$300,000					\$300,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$5,700,000					\$5,700,000
State Grant						
<b>Total</b>	<b>\$6,000,000</b>					<b>\$6,000,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rehabilitate/Reconstruct Taxiway B      Priority 2 of 37 1st Year: 2002

Description: Reconstruct Taxiway B, including taxi lanes and remarking (painting).

Justification: The asphalt has greatly degraded and needs reconstruction. Changed from Mill and Overlay.

Scheduling and Project Status      2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$800,000					\$800,000
Other (specify)						
<b>Total</b>	<b>\$800,000</b>					<b>\$800,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves	\$40,000					\$40,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant	\$760,000					\$760,000
State Grant						
<b>Total</b>	<b>\$800,000</b>					<b>\$800,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Purchase Broom      Priority 3 of 37 1st Year: 2002

Description: Purchase an additional high speed broom as required by the Airport snow removal plan.

Justification Airport snow removal plan justifies four (4) brooms. Airport has one (1) broom.

Scheduling and Project Status 2012

Annual Impact on Income and Operating Costs Cost recovery in PFC #5

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						\$600,000
Other (specify)	\$600,000					\$600,000
<b>Total</b>	<b>\$600,000</b>					<b>\$600,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$600,000					\$600,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$600,000</b>					<b>\$600,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Pathway Lighting to Parking Lots      Priority: 4 of 37 1st Year: 2009

Description: Install sidewalk and pathway lighting to the long term, short term, and rental car parking lots.

Justification: Illuminates the walking paths to the parking lots to provide more safety and security of passengers and guests while walking to and from the terminal at night.

Scheduling and Project Status: 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$175,000					\$175,000
Other (specify)						
<b>Total</b>	<b>\$175,000</b>					<b>\$175,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$175,000					\$175,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$175,000</b>					<b>\$175,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: EA for RPZ Land Purchase Phase II Priority 5 of 37 1st Year: 2012

Description: Produce the Environmental Assessment for purchasing land that will be a runway protection zone. Continues land purchases begun in phase II.

Justification FAA recommends that airports gain title to runway protection zones (RPZ). This continues acquisition of RPZ started in Phase I. Increases safety by preventing non-compatible land uses in the RPZ.

Scheduling and Project Status 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design	\$200,000					\$200,000
Engineering/Architectural						
Construction						
Other (specify)						
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$10,000					\$10,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$190,000					\$190,000
State Grant						
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department:   Airport   Project Title:   Modify ARFF Building and Doors   Priority   6   of   37   1st Year: 2002

Description:   Modify ARFF building and doors. Also, modify building to improve ventilation and meet OSHA standards.  

Justification   Modify the Aircraft Rescue and Fire Fighting (ARFF) building door to accommodate new ARFF truck with extendable penetration nozzle. The doors must be completed to delivery of new ARFF truck. New Trucks are wider, longer and higher than existing trucks. Modification will improve ventilation. Building does not meet OSHA standards.  

Scheduling and Project Status   2012  

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$300,000					\$300,000
Other (specify)						
<b>Total</b>	<b>\$300,000</b>					<b>\$300,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$15,000					\$15,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$285,000					\$285,000
State Grant						
<b>Total</b>	<b>\$300,000</b>					<b>\$300,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rehabilitate ARFF Parking Ramp      Priority: 7 of 37 1st Year: 2002

Description: Rehabilitate parking lot of ARFF Building #14.

Justification: ARFF parking ramp is deteriorated by age and continuous movement of large ARFF vehicles and needs rehabilitation.

Scheduling and Project Status: 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$300,000					\$300,000
Other (specify)						
<b>Total</b>	<b>\$300,000</b>					<b>\$300,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves	\$300,000					\$300,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$300,000</b>					<b>\$300,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: ARFF Truck with Extendable/Penetrating Nozzle Priority: 8 of 37 1st Year: 2002

Description: Purchase Aircraft Rescue and Fire Fighting (ARFF) truck with extendable/penetration nozzle. Includes turnout equipment and breathing gear, tools for truck and Forward Looking Infra Red (FLIR), maintenance, a transport trailer for Aquor Film Forming Form (AFF) and associated gear.

Justification: Replaces existing truck, which is nearing the end of its useful life (1982 truck). Now truck will have state of the art FLIR for locating heat sources and is capable of mounted penetration of an aircraft fuselage at the point of fire. Truck meets new FAA guidelines.

Scheduling and Project Status: 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$1,079,000					\$1,079,000
Other (specify) Purchase	\$1,079,000					\$1,079,000
<b>Total</b>	<b>\$1,079,000</b>					<b>\$1,079,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$1,079,000					\$1,079,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,079,000</b>					<b>\$1,079,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Plans and Specifications for CY 2013 Construction      Priority: 9 of 37 1st Year: 2002

Description: Plans and specifications to perform wetland mitigation, drainage improvements, snow removal building construction, south side service road, relocate an intersection, and construct the B area service road.

Justification: Produces engineer estimate of cost for use in budgeting the following year. Produces plans so projects can be bid in FAA timelines. Allows environmental studies to be completed for grant applications and FAA CIP submission

Scheduling and Project Status      2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$400,000					\$400,000
Construction						
Other (specify)						
<b>Total</b>	<b>\$400,000</b>					<b>\$400,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$20,000					\$20,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$380,000					\$380,000
State Grant						
<b>Total</b>	<b>\$400,000</b>					<b>\$400,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Car Rental Wash Station      Priority: 10 of 37 1st Year: 2002  
 Description: Construct Rental Car Maintenance/Wash building, rental car refueling system and expand rental car storage lot.

**Justification**    Improves rental car concession efficiency. Lowers barriers to entry for new rental car concession proposals by providing for most needs of rental car proposals in one concession package. Provides improved customer service to public.

Scheduling and Project Status      2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$1,500,000				\$1,500,000
Other (specify)						
<b>Total</b>		\$1,500,000				\$1,500,000

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)*City Loan		\$1,500,000				\$1,500,000
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$1,500,000				\$1,500,000

**\*Potential Funding in 2013 or 2014**

\*\*\*\*The Airport would borrow the \$1,500,000 and pay the sum back to the City over time. If approved by the Board of City Commissioners

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Wetland Mitigation Phase II (Approach ends of Runways)      Priority: 11 of 37      1st Year: 2002

Description: Complete off-airport mitigation that will allow on-airport wetlands to be filled. Project includes off-airport mitigation work and on-airport mitigation work (Approach ends of Runway 13/31 and 03/21). Mitigation will be based on results of an ongoing environmental assessment and the result of future negotiations with local, state and federal organizations with jurisdiction.

Justification: Required by Bismarck Airport Wildlife Hazard Plan. Mitigation is required to reduce hazards and develop the airport in accordance with the Airport Master Plan.

Scheduling and Project Status      2013

Annual Impact on Income and Operating Costs      Airport share recovered in PFC #5

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$2,900,000				\$2,900,000
Other (specify)						
<b>Total</b>		\$2,900,000				\$2,900,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$145,000				\$145,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$2,755,000				\$2,755,000
State Grant						
<b>Total</b>		\$2,900,000				\$2,900,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Drainage Improvement Phase I      Priority: 12 of 37 1st Year: 2012

Description: Improving the drainage on the airport that goes along with the wetland mitigation.

Justification: Drainage improvement will reduce the amount of water on the airport which in turn will reduce the amount of wildlife. Wildlife pose a hazard to aircraft.

Scheduling and Project Status: 2013

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$300,000				\$300,000
Other (specify)						
<b>Total</b>		\$300,000				\$300,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$15,000				\$15,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$285,000				\$285,000
State Grant						
<b>Total</b>		\$300,000				\$300,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rehabilitate/Construct Snow Removal Building      Priority: 13 of 37 1st Year: 2002

Description: Build snow removal equipment building and/or modify existing buildings.

**Justification** This building is required to store snow removal equipment. Bismarck Airport is allowed four (4) snow blowers, eight (8) plows, four (4) sweepers and two (2) front end loaders to meet minimum snow removal rate. Building space in a new building and/ or modifying the existing building is needed to accommodate two (2) additional snow blowers, one (1) additional sweeper, and two (2) additional plows needed to meet minimum snow removal rate. Also update existing building for workforce safety and ergonomics.

Scheduling and Project Status      2013

Annual Impact on Income and Operating Costs      Airport share recovered in PFC #5. Alternate funding plan is to purchase with Airport funds and reimburse with 100% in PFC #5

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						\$600,000
Other (specify) Purchase		\$600,000				\$600,000
<b>Total</b>		\$600,000				\$600,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$30,000				\$30,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$570,000				\$570,000
State Grant						
<b>Total</b>		\$600,000				\$600,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport | Project Title: Construct Southside Service Road | Priority: 14 of 37 | 1st Year: 2007

Description: Construct a service road from the ARFF building south to the NDANG facility.

Justification: Improves safety by allowing refueling and other vehicles access between both areas without crossing active runways eliminating potential for runway incursions. Recommended by FAA Safety Inspector.

Scheduling and Project Status: 2013

Annual Impact on Income and Operating Costs: Recovery of Airport share in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$1,260,000				\$1,260,000
Other (specify)						
<b>Total</b>		\$1,260,000				\$1,260,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$60,000				\$60,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$1,200,000				\$1,200,000
State Grant						
<b>Total</b>		\$1,260,000				\$1,260,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport | Project Title: Purchase Front End Loader | Priority: 15 of 37 | 1st Year: 2008  
 Description: Purchase a front end loader/plow vehicle for Airport snow removal operations. Increases capacity by approximately 100 vehicles.

Justification: Airport is allowed two (2) front end loaders to meet minimum snow removal rate. Airport has one dedicated loader.  
 Scheduling and Project Status: 2013

Annual Impact on Income and Operating Costs: Recovery cost in PFC #8

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase		\$300,000				\$300,000
Total		\$300,000				\$300,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$300,000				\$300,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
Total		\$300,000				\$300,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Relocate Airway Avenue/Airport Road Intersection      Priority: 16 of 37 1st Year:  
 Description: Move and lower Airway Avenue/Airport Road Intersection.

Justification: Removes obstruction to 50:1 clearance for runway 13/31. Required to achieve ultimate 50:1 airspace clearance (removes road obstruction).

Scheduling and Project Status: 2013

Annual Impact on Income and Operating Costs: Recovery of allowable airport share planned in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify)		\$500,000				\$500,000
<b>Total</b>		\$500,000				\$500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$25,000				\$25,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$475,000				\$475,000
State Grant						
<b>Total</b>		\$500,000				\$500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Construct "B" Area Access Road      Priority: 17 of 37 1st Year: 2002

Description: Construct a paved access road to the "Bravo" area (NE Side of Rwy 13/31)

Justification: Required to develop "B" area in accordance with the Airport Master Plan

Scheduling and Project Status: 2013

Annual Impact on Income and Operating Costs: Airport portion recovered in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$500,000				\$500,000
Other (specify)						
<b>Total</b>		\$500,000				\$500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$25,000				\$25,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$475,000				\$475,000
State Grant						
<b>Total</b>		\$500,000				\$500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department:   Airport   Project Title:   Plans and Specifications for CY 2014   Priority:   18   of   37   1st Year:

Description:   Plans and specifications for surface treatment and painting, RPZ land purchase, welland mitigation phase II, drainage phase II, rehabilitate taxiway lights, terminal and GA ramp panel construction.  

Justification:   Produces engineers estimate of cost for use in budgeting the following year. Produces plans so project can be bid in FAA timelines. Allows environmental studies to be completed for grant applications and FAA CIP.  

Scheduling and Project Status:   2013  

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$395,000				\$395,000
Construction						
Other (specify)						
Total		\$395,000				\$395,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves		\$19,750				\$19,750
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant		\$375,250				\$375,250
State Grant						
Total		\$395,000				\$395,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rwy 03-31, Txy C, Service Road Parking Treatment and Repair      Priority: 19 of 37 1st Year:  
 Description: Treat and repaint Runway 03-21, Taxiway C, Service Road and Parking Lot.

Justification: Continued maintenance of airport surfaces in order to maximize the life of runway, taxiway and ground vehicle surfaces.

Scheduling and Project Status: 2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction			\$650,000			\$650,000
Other (specify)						
<b>Total</b>			<b>\$650,000</b>			<b>\$650,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves			\$32,500			\$32,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$617,500			\$617,500
State Grant						
<b>Total</b>			<b>\$650,000</b>			<b>\$650,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: RPZ Land Purchase- Phase III      Priority: 20 of 37 1st Year: 2007

Description: Acquire land for Runway Protection Zone (RPZ) and development.

Justification: Required to control the use of land in the RPZ's. Acquire land for development in accordance with Airport Master Plan.

Scheduling and Project Status: 2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase			\$2,000,000			\$2,000,000
<b>Total</b>			\$2,000,000			\$2,000,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$100,000			\$100,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify) Purchase						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$1,900,000			\$1,900,000
State Grant						
<b>Total</b>			\$2,000,000			\$2,000,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Wetland Mitigation Phase III Priority: 21 of 37 1st Year:

Description: Phase III of the Wetland Mitigation effort would be to complete off airport or on airport wetland mitigation started in phase II. Mitigation will be based on results of an ongoing environmental assessment and the result of future negotiation with local, state and federal organizations with jurisdiction

Justification: Required by the Bismarck Airport Wildlife Hazard Management Plan. Mitigation is required to reduce wildlife hazards and develop the airport in accordance with the Airport Master Plan.

Scheduling and Project Status: 2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction			\$1,000,000			\$1,000,000
Other (specify)						
<b>Total</b>			\$1,000,000			\$1,000,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$50,000			\$50,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$950,000			\$950,000
State Grant						
<b>Total</b>			\$1,000,000			\$1,000,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Drainage Improvements Phase II      Priority: 22 of 37 1st Year: 2009

Description: Improves drainage in the southern half of the Airport to eliminate standing water and wildlife attractants. Reduces drainage in open ditches with underground or approved alternatives.

Justification: Recommended by Bismarck Airport Wildlife Hazard Plan to remove wildlife attractants from the Airport Operations Area. This project continues earlier work that reduces the potential for bird strikes and improves drainage.  
Scheduling and Project Status: 2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase			\$450,000			\$450,000
<b>Total</b>			\$450,000			\$450,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$22,500			\$22,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$427,500			\$427,500
State Grant						
<b>Total</b>			\$450,000			\$450,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Rehabilitate Taxiway Lights Priority 23 of 37 1st Year: 2010

Description: Rehabilitation of taxiway lights.

Justification Replace lights that have reached the end of their service life and/or reduce power usage and maintenance costs as incandescent lights are replaced with Light Emitting Diodes.

Scheduling and Project Status 2014

Annual Impact on Income and Operating Costs Recovery planned in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction			\$120,000			\$120,000
Other (specify)						
<b>Total</b>			\$120,000			\$120,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$6,000			\$6,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$114,000			\$114,000
State Grant						
<b>Total</b>			\$120,000			\$120,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Purchase Front End Loader Plow      Priority 24 of 37 1st Year:

Description: Purchase an additional Front End Loader

Justification Replaces a Front End Loader that has reached the end of its useful life.

Scheduling and Project Status 2014

Annual Impact on Income and Operating Costs Recovery planned in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase			\$400,000			\$400,000
<b>Total</b>			\$400,000			\$400,000

**Project Funding:**

**City**

Enterprise Construction Reserves			\$400,000			\$400,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify) Purchase						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			\$400,000			\$400,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Terminal and GA Ramp Panel Replacement      Priority: 25 of 37 1st Year: 2008

Description: Replace concrete panels in GA and Terminal Ramps that have reached the end of their service life.

Justification: Part of ongoing ramp pavement maintenance program.

Scheduling and Project Status: 2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction			\$1,500,000			\$1,500,000
Other (specify)						
<b>Total</b>			\$1,500,000			\$1,500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$75,000			\$75,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$1,425,000			\$1,425,000
State Grant						
<b>Total</b>			\$1,500,000			\$1,500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Plans and Specification for CY 2015 Construction      Priority 26 of 37 1st Year: 2007  
 Description: Plans and Specifications for CY 2015 Construction of strengthening runway 13/31 reconfigure terminal access road, rehabilitate the commercial terminal.

Justification Produces engineers estimate of cost for use in budgeting the following year. Produces plans so project can be bid in FAA timeline. Allows environmental studies to be complete for grant applications and FAA CIP submission.

Scheduling and Project Status      2014

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$675,000			\$675,000
Construction						
Other (specify)						
<b>Total</b>			\$675,000			\$675,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves			\$33,750			\$33,750
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant			\$641,250			\$641,250
State Grant						
<b>Total</b>			\$675,000			\$675,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Rehabilitate & Strengthen Rwy 13/31 Priority 27 of 37 1st Year:

Description: Rehabilitate and strengthen runway 13/31 pavement to maintain the integrity of the runway.

Justification Maintenance of the runway surface will ensure maximum life of runway 13/31.

Scheduling and Project Status 2015

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction				\$4,000,000		\$4,000,000
Other (specify)						
<b>Total</b>				\$4,000,000		\$4,000,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves				\$200,000		\$200,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant				\$3,800,000		\$3,800,000
State Grant						
<b>Total</b>				\$4,000,000		\$4,000,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Purchase Plow      Priority: 28 of 37 1st Year.  
 Description: Purchase a snow plow.

Justification: Replaces a plow that has reached the end of its useful life.

Scheduling and Project Status: 2015

Annual Impact on Income and Operating Costs: Recovery planned in PFC #6

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction				\$750,000		\$750,000
Other (specify) Purchase				\$750,000		\$750,000
<b>Total</b>				\$750,000		\$750,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves				\$37,500		\$37,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify) Purchase						
<b>Non-City</b>						
Private/Donations						
Federal Grant				\$712,500		\$712,500
State Grant						
<b>Total</b>				\$750,000		\$750,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Reconfigure Terminal Access Road Priority: 29 of 37 1st Year: 2010

Description: Reconfigure the access road to the terminal to accommodate increase passenger loads and the expansion of the parking lot.

Justification: Maintain the terminal and supporting infrastructure to meet the growing demand of the airport.

Scheduling and Project Status: 2015

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction				\$500,000		\$500,000
Other (specify)						
<b>Total</b>				\$500,000		\$500,000

**Project Funding:**

**City**

Enterprise Construction Reserves				\$25,000		\$25,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant				\$475,000		\$475,000
State Grant						
<b>Total</b>				\$500,000		\$500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Rehabilitate Commercial Service Terminal      Priority: 30 of 37 1st Year: 2008  
 Description: Rehabilitate the Commercial Service Terminal.

Justification: Maintains the long term functionality of the airport terminal and its appeal to those who use it.

Scheduling and Project Status: 2015

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase				\$1,500,000		\$1,500,000
Total				\$1,500,000		\$1,500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves				\$75,000		\$75,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant				\$1,425,000		\$1,425,000
State Grant						
Total				\$1,500,000		\$1,500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Plans and Specifications for CY 2016 Construction      Priority: 31 of 37 1st Year: 2008

Description: Plans and Specification for CY 2016 construction of the extension of runway 03/21 cargo apron and taxiway expansion  
acquire land for SE expansion of runway 31 and pay for parking lot expansion.

Justification: Produces engineers estimate for use in budgeting the following year. Produces plans so project can be bid in  
FAA timelines. Allows environmental studies to be completed for grant applications and FAA CIP submission.

Scheduling and Project Status      2015

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$675,000		\$675,000
Construction						
Other (specify)						
<b>Total</b>				\$675,000		\$675,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves				\$33,750		\$33,750
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant				\$641,250		\$641,250
State Grant						
<b>Total</b>				\$675,000		\$675,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Extend/Widen Runway 03/21      Priority: 32 of 37 1st Year: 2012

Description: Increase the length of Runway 03/21 and increase the width.

Justification: This enables the airport to increase service and maintain operations in varying wind conditions with Airbus aircraft which require a 150 foot wide runway.

Scheduling and Project Status: 2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction					\$2,250,000	\$2,250,000
Other (specify)						
<b>Total</b>					\$2,250,000	\$2,250,000

**Project Funding:**

**City**

Enterprise Construction Reserves					\$112,500	\$112,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant					\$2,137,500	\$2,137,500
State Grant						
<b>Total</b>					\$2,250,000	\$2,250,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: Construct Cargo Apron and Taxiway Expansion      Priority: 33 of 37 1st Year:

Description: Includes the design and construction of a cargo apron on the northeast side of the airfield and a parallel taxiway to support it.

Justification: Develops the airport to support anticipated cargo operations in accordance with the Airport Master Plan.

Scheduling and Project Status      2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction					\$4,000,000	\$4,000,000
Other (specify)						
<b>Total</b>					\$4,000,000	\$4,000,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves					\$200,000	\$200,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant					\$3,800,000	\$3,800,000
State Grant						
<b>Total</b>					\$4,000,000	\$4,000,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport      Project Title: EA for Land Purchase Supporting the SE Expansion of RWY 13      Priority: 34 of 37 1st Year:

Description: Environmental Assessment to acquire land for expansion of Runway 31, environment assessment.

Justification: Needed to acquire land for development in accordance with the airport master plan.

Scheduling and Project Status: 2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction						
Other (specify) Purchase					\$500,000	\$500,000
Total					\$500,000	\$500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves					\$25,000	\$25,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify) Purchase						
<b>Non-City</b>						
Private/Donations						
Federal Grant					\$475,000	\$475,000
State Grant						
Total					\$500,000	\$500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport | Project Title: Electronic Airport Layout Plan | Priority: 35 of 37 | 1st Year: 2012

Description: Completes electronic airport layout plan.

Justification: FAA is requiring layout plans to be converted from existing format to new common format with common survey. This electronic layout plan will be required to maintain eligibility for FAA Grant funding.

Scheduling and Project Status: 2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design					\$700,000	\$700,000
Engineering/Architectural						
Construction						
Other (specify)						
<b>Total</b>					\$700,000	\$700,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves					\$35,000	\$35,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify) Engineering						
<b>Non-City</b>						
Private/Donations						
Federal Grant					\$665,000	\$665,000
State Grant						
<b>Total</b>					\$700,000	\$700,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Parking Lot Expansion Priority: 36 of 37 1st Year: 2011

Description: Expansion of the parking lot to meet long term demand.

Justification: 150 stalls will be built to keep up with growth in the long-term parking of the airport.

Scheduling and Project Status: 2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction					\$500,000	\$500,000
Other (specify)						
Total					\$500,000	\$500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves					\$500,000	\$500,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
Total					\$500,000	\$500,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Airport Project Title: Plans and Specifications for CY 2017 Construction Priority: 37 of 37 1st Year: 2012

Description: Plans and Specifications for CY 2017 Construction

Justification: Produces engineer estimate for use in budgeting the following year, produces bid specification so that the project can be bid early in the year. Allows completion of environmental studies needed for FAA CIP and Grant Application

Scheduling and Project Status: 2016

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural Construction					\$500,000	\$500,000
Other (specify)						
Total					\$500,000	\$500,000

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves					\$25,000	\$25,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant					\$475,000	\$475,000
State Grant						
Total					\$500,000	\$500,000

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
CIVIC CENTER

Requested Project	Rank	Cost to be Funded	Funding Source		Projected Costs Per Year	2012	2013	2014	2015	2016
			M/L/R Tax	%						
Exhibit Hall Boilers	1	450,000	M/L/R Tax	100	450,000	-	-	-	-	-
Parking Lot East-Repair & Resurface	2	62,000	M/L/R Tax	100	62,000	-	-	-	-	-
Center Hung Scoreboard	3	750,000	*M/L/R Tax	100	750,000	-	-	-	-	-
Caulk & Polish Exhibit Hall Floor	4	154,000	*M/L/R Tax	100	154,000	-	-	-	-	-
<b>TOTAL</b>		<b>1,416,000</b>			<b>1,416,000</b>	-	-	-	-	-
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	-	-	-	-	-
<b>TOTAL CITY FUNDING</b>		<b>1,416,000</b>			<b>1,416,000</b>	-	-	-	-	-

\*Contingent upon final approval of Commission during 2012

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Bismarck Civic Center      Project Title: Exhibit Hall Boilers      Priority 1 of 4 1st Year:  
 Description: Replace two boilers and Victaulic pipe fittings for the Exhibit Hall heating systems

**Justification** The burner assemblies are worn out which cause the boilers to trip out causing low heating water temperatures and Victaulic fittings to leak which cause major water damage to ceiling tile and carpets. The company that makes these burners went out of business and parts are no longer available. The boiler water tubes are also a major problem because we are averaging 8 leaking tube replacements a year at a cost of \$6000. \$45,100 of repairs have been done to date.  
**Scheduling and Project Status** Project would be started June 1st and completed August 31st 2012

Annual Impact on Income and Operating Costs      The cost of repairs saved would help cover other repair cost to the buildings ageing systems.

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$450,000					\$450,000
Other (specify)						
<b>Total</b>	<b>\$450,000</b>					<b>\$450,000</b>

**Project Funding:**  
**City**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant	\$450,000					\$450,000
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$450,000</b>					<b>\$450,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Bismarck Civic Center      Project Title: Repair and Resurface Parking Lot E      Priority 2 of 4 1st Year:

Description: Repair and resurface parking lot E

**Justification** I was told by several contractors that if we don't do something soon to repair this lot it would become unrepairable. The asphalt is so thin now that we are getting more and more soft spots and are unable to dolly down semi vans because they will sink through the asphalt. We have had public works over several times to patch and repair some of the soft spots and were told by them that we needed to resurface it soon before we lose the base.

**Scheduling and Project Status** It would take one week to complete some time in June-July or August depending on our schedule.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$62,000					\$62,000
Other (specify)						
<b>Total</b>	<b>\$62,000</b>					<b>\$62,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant	\$62,000					\$62,000
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$62,000</b>					<b>\$62,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Civic Center      Project Title: \*Center Hung Scoreboard      Priority 3 of 4 1st Year: 2012  
 Description: Custom Basketball Scoreboard with 4 - 10mm Video Displays, 4 - Sponsor Displays and a 15 mm Ring Display.

Justification Current 10 year contracts are expiring and will replace only if we can renew or replace all 4 sponsors @\$25,000/yr for 10 years.

Scheduling and Project Status The project would happen the summer of 2012 and only be bid if the building had 4 contracted sponsors.

Annual Impact on Income and Operating Costs The project would pay for itself over the 10 year period adding in repairs and maintenance.

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$650,000					\$650,000
Construction						
Other (specify)	\$100,000					\$100,000
<b>Total</b>	<b>\$750,000</b>					<b>\$750,000</b>

**Project Funding:**  
 City

Enterprise Construction Reserves						
Motel/Liquor/Restaurant	\$750,000					\$750,000
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$750,000</b>					<b>\$750,000</b>

\*Contingent upon final approval of Commission during 2012

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Bismarck Civic Center      Project Title: \*Caulk and Polish the Exhibit Hall Floor      Priority 4 of 4 1st Year:

Description: Caulk and polish the exhibit hall floor

Justification This floor was poured in 1989 and 1990. It is starting to show some wear and we feel that the floor needs to be re-caulked and polished as we did with the arena floor in 2010. We feel this would enhance the life of the floor for another 20 plus years.

**Scheduling and Project Status**

**Annual Impact on Income and Operating Costs**

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$154,000					\$154,000
Other (specify)						
<b>Total</b>	<b>\$154,000</b>					<b>\$154,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant	\$154,000					\$154,000
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$154,000</b>					<b>\$154,000</b>

\*Contingent upon final approval of Commission during 2012

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**FIRE DEPARTMENT**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2012	2013	2014	2015	2016	
Land Acquisition	1	925,000	Land Sale of Trade	100	925,000	-	-	-	-	-
<b>TOTAL</b>		925,000			925,000	-	-	-	-	-
<b>NON-CITY FUNDING</b>		-			-	-	-	-	-	-
<b>TOTAL CITY FUNDING</b>		925,000			925,000	-	-	-	-	-

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Fire      Project Title: Fire Station Land Acquisition      Priority 1 of 1 1st Year: 2010

**Description:**  
 To maintain a proactive approach to community fire protection planning and strategic placement of future fire stations, land acquisition is necessary. The figures below reflect a purchase of 3 acres with a preliminary estimate of \$7/sf. A figure is included in the planning and preliminary design to provide a station construction estimate that correlates with the land and topography. This CIP is a carry over from 2011.

**Justification**  
 Emergency response coverage standards rely on fire station placement. Limitations of station land availability can have an adverse effect on overall fire protection.  
 Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design	\$10,000					\$10,000
Engineering/Architectural						
Construction						
Other (specify)	\$915,000					\$915,000
<b>Total</b>	<b>\$925,000</b>					<b>\$925,000</b>

**Project Funding:**  
 City

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-Land Sale or Trade	\$925,000					\$925,000

<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$925,000</b>					<b>\$925,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
LIBRARY

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2012	2013	2014	2015	2016	
Library Parking Lot	1	810,000	Spec Asmt	100	-	810,000	-	-	-	-
<b>TOTAL</b>		810,000			-	810,000	-	-	-	-
<b>NON-CITY FUNDING</b>		-			-	-	-	-	-	-
<b>TOTAL CITY FUNDING</b>		810,000			-	810,000	-	-	-	-

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Bismarck Public Library

Library Parking Lot

1 of 1

1996

**Description:** Four properties located directly across 5th Street (Block 13 Northern Pacific Addition - lots #1, #2, #3 (413 Ave. B, 522 North 5th, 581 North 5th, and 514 North 5th) would be purchased to expand library parking directly across the street in front of the library. Space would allow for 150 feet of frontage along 5th Street with a depth of 142 feet to the west side of the alley running north to south along back (west side) of these properties. Three wooden frame houses (currently divided into apartments) would be demolished. The new parking lot would be hard surfaced with attractive landscaping and lighting to match the existing library parking. Location would be within easy proximity to the front plaza of the library building. Lot size (approximately 14,200 sq. ft. could accommodate 34-39 additional patron vehicles.

**Justification:** Average of 7000+ users per week visit the library, year round. The coffee shop has created some additional users. Lower level meeting rooms (5) with capacity of additional 300 patrons frequently cannot be scheduled for daytime use DUE TO CURRENT PARKING LIMITATIONS.

**Scheduling and Project Status:** Dependent upon funding

**Annual Impact on Income and Operating Costs:**  
Operating costs/upkeep would be factored into the library's operating budget.

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$35,000
Engineering/Architectural		\$325,000				\$325,000
Construction (includes demolition)		\$450,000				\$450,000
Other-specify						\$810,000
<b>Total</b>		<b>\$810,000</b>				<b>\$810,000</b>

**Project Funding:**

**City**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds		\$810,000				\$810,000
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$810,000</b>				<b>\$810,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
POLICE

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2012	2013	2014	2015	2016	
Boiler & Water Heater Replacement	1	200,000	Building Construction	100	200,000	-	-	-	-	-
911 Memorial Police & Fire Training Facility	2	8,341,000	Federal Grant State Grant	50 50	1,323,000 1,323,000	1,389,000 1,389,000	1,458,500 1,458,500	-	-	-
PD Headquarters Bidg Lighting Upgrade	3	78,500	Building Construction	100	-	78,500	-	-	-	-
<b>TOTAL</b>		8,619,500			2,846,000	2,856,500	2,917,000	-	-	-
<b>NON-CITY FUNDING</b>		278,500			200,000	78,500	-	-	-	-
<b>TOTAL CITY FUNDING</b>		8,341,000			2,646,000	2,778,000	2,917,000	-	-	-

## City of Bismarck Capital Improvement Project 2012-2016

Department: **Police** Project Title: **Boiler and Water Heater Replacement** Priority 1 of 3 2012

Description: Replace the existing natural gas modular boiler and the domestic hot water heater and controls.

**Justification** The energy audit identified the boiler and water heater as reaching the end of their useful life. We replaced some components of the boiler during 2011 because they were leaking. These parts had to be fabricated because replacement parts are no longer being produced. These parts were corroded and easily identified as being a defective because they are on the outside of the boilers. The internal condition of the boiler is unknown, but it is presumed to be corroded also. The water heater is also showing external signs of corrosion and degradation. This update is recommended by the energy audit and by Glenn Mann.

**Scheduling and Project Status**

Bids would be sought and the project completed during the calendar year of 2012 if approved.

**Annual Impact on Income and Operating Costs**

Energy costs for the building should decrease due to an increase in efficiency of the heating system resulting from this project. There should also be a decrease in energy cost associated with the hot water heater since we will be going from 1979 technology to 2012 technology.

	2012	2013	2014	2015	2015	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$20,000					\$20,000
Construction						
Other (specify)	\$180,000					\$180,000
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

**Project Funding:**

**City**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction	\$200,000					\$200,000
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: **Police** Project Title: **911 Memorial Police & Fire Training Facility** Priority: **2 of 3** 1st Year: **2012**

Description: The 911 Memorial Police & Fire Training facility is a tactical training facility for police and fire use. Phase I of the project was completed in early 2009. Phase I consists of a 25 yard outdoor firing range for police. Phase II plans include site development costs, a training building, a multi-tactical simulation building primarily for fire training but also suitable for some police training, fire and rescue props, a driving (EVOC) pad, and expansion of the firing range.

Phase I was constructed with a COPS grant through the US Department of Justice. We are continuing to seek additional grant opportunities to fund Phase II construction or a portion thereof. We have also and will continue to explore potential partnership opportunities with the State of North Dakota for a joint or shared facility.

Justification The fire department has no location to do practical fire training and this facility is high priority for fire training purposes. The police department currently leases parking lot space at BSC for emergency vehicle operations driver training but this space is becoming unsafe due to other traffic in the area. It is also unknown how much longer this parking lot space will be available.

**Scheduling and Project Status**

Phase II cost estimate is approximately \$6,000,000 in 2009. The original master plan recommends a 5% inflation factor per year which was used for the costs in this CIP.

**Annual Impact on Income and Operating Costs**

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$2,646,000	\$2,778,000	\$2,917,000			\$8,341,000
Other (specify)						
<b>Total</b>	<b>\$2,646,000</b>	<b>\$2,778,000</b>	<b>\$2,917,000</b>			<b>\$8,341,000</b>

**Project Funding:**

**City**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant	\$1,323,000	\$1,389,000	\$1,458,500			\$4,170,500
State Grant	\$1,323,000	\$1,389,000	\$1,458,500			\$4,170,500
<b>Total</b>	<b>\$2,646,000</b>	<b>\$2,778,000</b>	<b>\$2,917,000</b>			<b>\$8,341,000</b>

## City of Bismarck Capital Improvement Project 2012-2016

Department: **Police**      Project Title: **Police Headquarters Building Lighting Upgrade**      Priority: **3 of 3**      2012

Description: **Replace low efficiency lighting at the Police headquarters building with high efficiency lighting as identified in the energy audit conducted by Ameresco.**

**Justification**    The energy audit identified lighting improvements at the Police department headquarters facility that would present a substantial cost savings by replacing low efficiency fixtures/bulbs with high efficiency lighting. The cost of the project is listed at \$74,699 in the energy audit report. The payback period based on the projected savings is 10.9 years. The estimated savings over a 20 year period at 4% inflation is \$166,961.

The budget request is based on the \$74,699 cost in the report plus an inflation rate of 5% for next year for a total of \$78,500.

**Scheduling and Project Status**

Bids would be sought and the project completed during the calendar year of 2012 if approved.

**Annual Impact on Income and Operating Costs**

The energy audit report indicates that this project would lead to annual savings of \$5412 for utilities and \$195 for operation & maintenance

<b>Project Costs:</b>	2012	2013	2014	2015	2015	Total
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$78,500				\$78,500
Other (specify)						
<b>Total</b>		\$78,500				\$78,500

**Project Funding:**

**City**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction		\$78,500				\$78,500
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$78,500				\$78,500

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**SOLID WASTE**

Requested Project	Rank	Cost to be Funded	Funding		2012	Projected Costs Per Year				
			Source	%		2013	2014	2015	2016	
MSW Cell Phase III Expansion	1	900,000	Solid Waste Fd	100	900,000	-	-	-	-	-
MSW Subtitle D cell closure	2	150,000	Solid Waste Fd	100	150,000	-	-	-	-	-
Methane Vents Wells	3	400,000	Solid Waste Fd	100	400,000	-	-	-	-	-
Truck Scale #2 Upgrade	4	200,000	Solid Waste Fd	100	200,000	-	-	-	-	-
Cold Storage Building	5	473,480	Solid Waste Fd	100	473,480	-	-	-	-	-
Storage Building for Wood Chips	6	532,683	Solid Waste Fd	100	-	532,683	-	-	-	-
<b>TOTAL</b>		<b>2,656,163</b>			<b>2,123,480</b>	<b>532,683</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>2,656,163</b>			<b>2,123,480</b>	<b>532,683</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste      Project Title: MSW Cell Phase III Expansion      Priority: 1 of 6 1st Year: 2008

Description: Construction project to expand 7.5 acre area of the Phase III municipal solid waste disposal cell.

Justification  
 ND Department of Health regulations for landfill expansion to meet future municipal solid waste disposal needs.

Scheduling and Project Status  
 Project to be bid in early spring of 2012 with construction completed in the fall of 2012.

Annual Impact on Income and Operating Costs  
 Temporary impact on cash reserve balance, offset by subsequent years tipping fee revenue. Sufficient cash reserve amount on hand to meet all costs of the project

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$900,000					\$900,000
Other (specify)						
<b>Total</b>	<b>\$900,000</b>					<b>\$900,000</b>

**Project Funding:**  
 City

Enterprise Construction Reserves	\$900,000					\$900,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$900,000</b>					<b>\$900,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste Disposal      Project Title: MSW Subtitle D Cell Closure      Priority 2 of 6 1st Year: 2009  
 Description: Closure of 1/3 of the MSW subtitle D cell.

Justification      Solid waste volumes will reach the designed peak elevation in the cell which will require capping and closure of this west portion of the site.

Scheduling and Project Status      Engineering work to be done in fall of 2011 with partial closure of the west end of the cell in 2012.

Annual Impact on Income and Operating Costs  
 Temporary impact on cash reserve balance, offset by subsequent years tipping fee revenue. Sufficient cash reserve amount on hand to meet all costs of the project.

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$150,000					\$150,000
Other (specify)						
<b>Total</b>	<b>\$150,000</b>					<b>\$150,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$150,000					\$150,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$150,000</b>					<b>\$150,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste      Project Title: Methane Vent Wells      Priority 3 of 6 1st Year: 2008

Description: Construction project to develop and install methane vents/wells in pre-Subtitle D municipal solid waste disposal cells.

**Justification**

ND Department of Health regulations - landfill post closure care and groundwater remediation.

**Scheduling and Project Status**

Project to be developed in 2011 and bid in early Spring of 2012 with construction completed in the Fall of 2012.

**Annual Impact on Income and Operating Costs**

Temporary impact on cash reserve balance, offset by subsequent years tipping fee revenue. Sufficient cash reserve amount on hand to meet all costs of the project.

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$400,000					\$400,000
Other (specify)						
<b>Total</b>	<b>\$400,000</b>					<b>\$400,000</b>

**Project Funding:**

**City**

Enterprise Construction Reserves	\$400,000					\$400,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$400,000</b>					<b>\$400,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste      Project Title: Solid Waste Truck Scale #2      Priority: 4 of 6 1st Year: 2010

Description: Install new mechanical truck scale with full electronic scale system and new concrete deck, pit, RFI reader to identify commercial trucks receipt printer and load cells.

Justification: This scale will provide redundancy in operation to eliminate the potential of lost revenue if our primary scale fails. It will also speed the wait time across the scale for commercial customers.

Scheduling and Project Status: RFP for truck scale upgrade in the winter of 2011-2012 with construction in the spring of 2012.

Annual Impact on Income and Operating Costs: Temporary impact on cash reserve balance, offset by subsequent years tipping fee revenue. Sufficient cash reserve amount on hand to meet all costs of project.

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$200,000					\$200,000
Other (specify)						
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves	\$200,000					\$200,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$200,000</b>					<b>\$200,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste Disposal      Project Title: Cold Storage Building      Priority 5 of 6 1st Year: 2010  
 Description: Construct a cold storage building to house the Bomag compactor and any other equipment that is presently stored outside.

**Justification** The Bomag waste compactor weighs 80,000 lbs and is equipped with steel spiked wheels. This makes it unable to drive on the roads or be parked inside of the landfill shop because the wheels would destroy the asphalt roads and concrete floor. Winter maintenance on this machine as well as all season deterioration will create increased costs for repairs, and make it difficult to do mechanical work in winter months.

**Scheduling and Project Status** The long range master plan will help identify the location for this building. An architect was hired in 2011 to study the site and needs of the solid waste disposal operation equipment. A building design was developed in 2011 and construction to follow in the spring of 2012. The building dimensions would be 70 x 80, at a cost of \$84.55/sf.  
**Annual Impact on Income and Operating Costs**

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$473,480					\$473,480
Other (specify)						
<b>Total</b>	<b>\$473,480</b>					<b>\$473,480</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$473,480					\$473,480
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$473,480</b>					<b>\$473,480</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: Solid Waste Disposal      Project Title: Storage Building for Wood Chips to use for fuel      Priority: 6 of 6 1st Year: 2010

Description: The increase use of biomass as a fuel source for the Household Hazardous Waste Center and the Aquatic Center will create a large demand for wood chips from our utility. The need for a covered building to keep the chips dry, clean and unfrozen will be even higher as new facilities are brought online. A 75 ft X 150 foot building would be used to keep the chips covered and available during all seasons. An asphalt floor would provide for a clean chip, keeping the introduction of dirt into the chip product minimal.

Justification  
 Winter grinding and loading of wood chips makes it difficult to provide a usable chip. Freezing chips, snow, moisture and dirt mixed into the chips are reducing the BTU's. Scheduling and Project Status 2010 site design in conjunction with long range master plan, architect selection and design spring of 2011, 2013 spring construction and installation. The 11,250 sf building has a total construction cost/sf of \$47.35.

Annual Impact on Income and Operating Costs      Cash reserves would be utilized to cover the cost of this structure.

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural						
Construction		\$532,683				\$532,683
Other (specify)						
<b>Total</b>		\$532,683				\$532,683

**Project Funding:**  
 City

Enterprise Construction Reserves		\$532,683				\$532,683
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$532,683				\$532,683

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**STREET LIGHTS & TRAFFIC SIGNALS UTILITY**

Requested Project	Rank	Cost to be Funded	Funding		%	Projected Costs Per Year				
			Source	City General Fund		2012	2013	2014	2015	2016
Mercury Vapor Lamps Phase Out to High Pressure Sodium	1	160,000	City General Fund		100	80,000	80,000	-	-	-
Signal Cabinet Replacements	2	144,650	StreetLightUtility Fd		100	94,050	50,600	-	-	-
White Way Conductor Replacement	3	328,393	StreetLightUtility Fd		100	55,000	104,879	58,514	55,000	55,000
White Way Feed Point Replacement	4	275,000	StreetLightUtility Fd		100	55,000	55,000	55,000	55,000	55,000
Bis Exp Fiber Optic/Camera Interconnect	5	55,011	StreetLightUtility Fd		100	-	-	55,011	-	-
<b>TOTAL</b>		<b>963,054</b>				<b>284,050</b>	<b>290,479</b>	<b>168,525</b>	<b>110,000</b>	<b>110,000</b>
<b>NON-CITY FUNDING</b>		<b>-</b>				<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>963,054</b>				<b>284,050</b>	<b>290,479</b>	<b>168,525</b>	<b>110,000</b>	<b>110,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: St lights/Traffic Signal      Project Title: Mercury Vapor Phase out to HPS      Priority 1 of 5 1st Year: 2009

**Description:**

This project would replace the phased out mercury vapor lamps in our street light utility to a high pressure sodium.

**Justification** The ballast for mercury vapor lamps were banned from sale as of January 1, 2008. Because of this ban, we are forced to replace our mercury heads as the ballasts fail. One ballast feeds many street light heads, so they will need to be replaced as a group, not as individual heads. This changeover will result in a decrease in electrical utility cost due to the reduction in electricity from Mercury to high pressure sodium.

**Scheduling and Project Status** This project began in the spring of 2010. There are approximately 1600 mercury vapor heads in our system, which will be replaced over a four year process with this project

**Annual Impact on Income and Operating Costs**

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$80,000	\$80,000				\$160,000
Other (specify)						
<b>Total</b>	<b>\$80,000</b>	<b>\$80,000</b>				<b>\$160,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-General Fund Cash Balance	\$80,000	\$80,000				\$160,000

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$80,000</b>	<b>\$80,000</b>				<b>\$160,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: St Lights/Traffic Signal | Project Title: Traffic Signal Cabinet Replacements | Priority: 2 of 5 | 1st Year: 2012

Description: Replace series of five traffic signal cabinets on Washington Street corridor for synchronization, and three others in the system the following year.

Justification: Aging cabinets require replacements.

Scheduling and Project Status: Replace the Washington street corridor from Rosser to Arbor the first year. This also includes pad pushbuttons and loops at Wash and Broadway to make this intersection more efficient by semi actualing it. Year two replace Century at 4th and 19th street north and West Divide and College Ave.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$8,550	\$4,600				\$13,150
Construction	\$85,500	\$46,000				\$131,500
Other (specify)						
<b>Total</b>	<b>\$94,050</b>	<b>\$50,600</b>				<b>\$144,650</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-St Light/Traffic Utility fees	\$94,050	\$50,600				\$144,650
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$94,050</b>	<b>\$50,600</b>				<b>\$144,650</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: St Lights/Traffic Signal      Project Title: Whitley conductor replacement program      Priority 3 of 5 1st Year: 2012

Description: St Light wire conductors that are deteriorating in areas of town are creating multiple breaks. This is creating faults that cause the lights to be off, public opinion falls regarding the service and it is difficult to repair these faults during the winter seasons with frozen ground.

Justification: Faults cause interruptions of service and outages that are difficult to repair. Replacing conduit between poles where multiple wire breaks have occurred in the past will lessen the outages and free up employees time to focus on proactive system maintenance, instead of running around town putting out fires and not accomplishing our mission.

Scheduling and Project Status: Begin replacing wires between poles with multiple faults or breaks in a systematic process. These will be phased in over time, this is not a complete replacement of wires in the project area, only replacing those wires between poles that have multiple breaks and repairs.

### Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$5,000	\$9,534	\$5,319	\$5,000	\$5,000	\$29,853
Construction	\$50,000	\$95,345	\$53,195	\$50,000	\$50,000	\$298,540
Other (specify)						
<b>Total</b>	<b>\$55,000</b>	<b>\$104,879</b>	<b>\$58,514</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$328,393</b>

### Project Funding:

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-St Light/Traffic Utility fees	\$55,000	\$104,879	\$58,514	\$55,000	\$55,000	\$328,393

### Non-City

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$55,000</b>	<b>\$104,879</b>	<b>\$58,514</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$328,393</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: St Lights/Traffic Signal      Project Title: Whiteway feed point replacement      Priority 4 of 5 1st Year: 2012

Description: Begin scheduled replacement program of white way feed points.

Justification Aging system has cabinet deterioration and poor location for servicing. Newer and more efficient technology in feed points would make these cabinets a money and time saver to the utility.

Scheduling and Project Status      Replace 5 feed points per year.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Construction	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Other (specify)						
<b>Total</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$275,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-SL Light/Traffic-Utility fees	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	\$275,000

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$55,000</b>	<b>\$275,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: St Lights/Traffic Signal      Project Title: Bismarck Expressway Fiber Optic and Camera Interconnect      Priority 5 of 5 1st Year: 2013

Description: The Bismarck fiber communications project on Bismarck Expressway runs from Washington to University Ave. It ends here and then starts from Airport Road to Burlington. We need to complete the area between University and Airport road.

Justification The camera systems are currently being updated and connected to fiber and brought back to the City of Bismarck Intranet. The traffic signal controllers could also be connected to this fiber system, thus greatly improving our intersection to intersection communications.

Scheduling and Project Status Gain experience with the newly installed system in 2012 and 2013, from this knowledge install this connection between the two legs in 2014.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design			\$6,000			\$6,000
Engineering/Architectural			\$4,455			\$4,455
Construction			\$44,556			\$44,556
Other (specify)						
<b>Total</b>			<b>\$55,011</b>			<b>\$55,011</b>

**Project Funding:**

Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other-St Light/Traffic Utility fees			\$55,011			\$55,011

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$55,011</b>			<b>\$55,011</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
STREETS AND HIGHWAYS

Requested Project	Rank	Cost to be Funded	Funding		2012	Projected Costs Per Year				
			Source	%		2013	2014	2015	2016	
Commission Special Road Projects	1	750,000	Sales Tax Fd	100	150,000	150,000	150,000	150,000	150,000	
ADA Curb Ramp Program	2	450,000	Sales Tax Fd	44	-	50,000	50,000	50,000	50,000	
			Federal Grant	56	50,000	50,000	50,000	50,000	50,000	
Traffic Signals-Washington & Turnpike	3	240,000	Sales Tax Fd	20	48,000	-	-	-	-	
			Federal Grant	80	192,000	-	-	-	-	
City Wide Traffic Signals	4	1,600,000	Sales Tax Fd	32	16,000	124,000	124,000	124,000	124,000	
			Federal Grant	68	64,000	256,000	256,000	256,000	256,000	
Street & Highway Safety Improvements	5	500,000	Sales Tax Fd	10	10,000	10,000	10,000	10,000	10,000	
			Federal Grant	90	90,000	90,000	90,000	90,000	90,000	
Century Ave-Hamilton St to Centennial Rd	6	11,000,000	Sales Tax Fd	27	3,000,000	-	-	-	-	
			Federal Grant	73	8,000,000	-	-	-	-	
Centennial Rd-Trenton Dr to Jericho Rd	7	15,000,000	Sales Tax Fd	50	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	
Hard Surfaced Street Reconstruction Program	7	15,000,000	Special Asmt Bd	48	1,440,000	1,440,000	1,440,000	1,440,000	1,440,000	
			Spec Deficiency	2	60,000	60,000	60,000	60,000	60,000	
Street Reconstruction and Subbase Drainage System	8	8,125,000	Sales Tax Fd	80	1,500,000	1,500,000	1,000,000	1,000,000	1,000,000	
			Special Asmt Bd	20	375,000	375,000	250,000	250,000	250,000	
Asphalt Street Resurfacing Program (\$650,000 Sales Tax Funding 2011 Budget)	9	42,265,000	Sales Tax Fd	18	1,350,000	1,490,000	1,565,000	1,645,000	1,725,000	
			Special Asmt Bd	76	7,700,000	5,700,000	5,985,000	6,285,000	6,600,000	
			Spec Deficiency	6	500,000	400,000	415,000	440,000	465,000	
E Divide Ave - Volk Drive to East Bismarck Expressway	10	8,550,000	Sales Tax Fd	35	850,000	2,100,000	-	-	-	
			Federal Grant	65	-	5,600,000	-	-	-	
Intersection Imprv-Burnt Boat & Tyler Pkwy	11	305,554	Sales Tax Fd	18	55,554	-	-	-	-	
			Federal Grant	82	250,000	-	-	-	-	
N Washington St-Calgary Avenue to 43rd Avenue	12	7,200,000	Sales Tax Fd	33	-	300,000	300,000	1,800,000	-	
			Federal Grant	67	-	-	-	4,800,000	-	
<b>TOTAL</b>		<b>95,985,554</b>			<b>27,200,554</b>	<b>21,195,000</b>	<b>13,870,000</b>	<b>19,950,000</b>	<b>13,770,000</b>	
<b>NON-CITY FUNDING</b>		<b>20,630,000</b>			<b>8,646,000</b>	<b>5,996,000</b>	<b>396,000</b>	<b>5,196,000</b>	<b>396,000</b>	
<b>TOTAL CITY FUNDING</b>		<b>75,355,554</b>			<b>18,554,554</b>	<b>15,199,000</b>	<b>13,474,000</b>	<b>14,754,000</b>	<b>13,374,000</b>	

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: CITY COMMISSION SPECIAL ROADS PROJECTS      Priority: 1 of 12 1st Year:

Description: FUND SMALL STREET IMPROVEMENT PROJECTS THAT ARE NEEDED BUT HAVE NO OTHER MEANS OF FUNDING. ENGINEERING DESIGN AND CONSTRUCTION OBSERVATION WILL BE DONE WITH IN HOUSE STAFF.

Scheduling and Project Status: Annual submittal

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Other (specify)						
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: ADA CURB RAMP PROGRAM      Priority 2 of 12 1st Year:

MANDATED BY FEDERAL STATUTE TO CONSTRUCT CURB RAMPS WHENEVER REPAIRING CURB AT INTERSECTION THAT IS DAMAGED. THE CURB RAMP ADVISORY COMMITTEE HAS GIVEN FURTHER GUIDELINES WHICH THE CITY COMMISSION HAS ADOPTED TO CONSTRUCT CURB RAMPS WHENEVER CORRECTING HAZARDOUS CROSSWALKS AT INTERSECTIONS.

Scheduling and Project Status      ANNUAL SUBMITTAL

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$450,000
Other (specify)						
<b>Total</b>	<b>\$50,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$450,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund		\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
State Grant						
<b>Total</b>	<b>\$50,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$450,000</b>

PREPARER MARK A. BERG      PREPARER'S PHONE NUMBER 355-1529

## City of Bismarck Capital Improvement Project 2012-2016

Department: ENGINEERING      Project Title: TRAFFIC SIGNALS - WASHINGTON STREET AND TURNPIKE AVENUE      Priority: 3 of 12 1st Year:  
 Description: INSTALLATION OF TRAFFIC SIGNAL SYSTEM AT THE ABOVE LOCATION. ENGINEERING WILL BE COMPLETED IN HOUSE UTILIZING STAFF.

Justification: TO INSTALL TRAFFIC CONTROL EQUIPMENT MEETING THE STANDARDS OF THE MUTCD, IMPROVE TRAFFIC OPERATIONS, REDUCE CONGESTION AND DELAY, AND IMPROVE SAFETY.

Scheduling and Project Status: CONSTRUCTION 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural						
Construction	\$240,000					\$240,000
Other (specify)						
<b>Total</b>	<b>\$240,000</b>					<b>\$240,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$48,000					\$48,000
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$192,000					\$192,000
State Grant						
<b>Total</b>	<b>\$240,000</b>					<b>\$240,000</b>

## City of Bismarck Capital Improvement Project 2012-2016

Department: ENGINEERING      Project Title: CITY WIDE TRAFFIC SIGNALS      Priority 4 of 12 | 1st Year:  
 Description: TRAFFIC SIGNAL MODIFICATIONS, EQUIPMENT UPGRADING AND INSTALLATION AT VARIOUS LOCATIONS AS NEEDED.

Justification TO PROVIDE TRAFFIC CONTROL EQUIPMENT MEETING THE STANDARDS OF THE MUTCD, IMPROVE TRAFFIC OPERATIONS, REDUCE CONGESTION AND DELAY, AND IMPROVE SAFETY.

Scheduling and Project Status Annual submittal

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$60,000	\$60,000	\$60,000	\$60,000	\$240,000
Construction	\$80,000	\$320,000	\$320,000	\$320,000	\$320,000	\$1,360,000
Other (specify)						
<b>Total</b>	<b>\$80,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$1,600,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$16,000	\$124,000	\$124,000	\$124,000	\$124,000	\$512,000
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$64,000	\$256,000	\$256,000	\$256,000	\$256,000	\$1,088,000
State Grant						
<b>Total</b>	<b>\$80,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$380,000</b>	<b>\$1,600,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: STREETS AND HIGHWAY SAFETY IMPROVEMENT PROJECTS      Priority 5 of 12 1st Year.

Description: IMPROVEMENTS TO STREETS AND HIGHWAYS AS RECOMMENDED BY SAFETY STUDIES AND/OR IDENTIFIED AS HIGH CRASH LOCATIONS.

Justification PUBLIC SAFETY AND POTENTIAL FOR LIABILITY.

Scheduling and Project Status ANNUAL PROGRAM 2011-2015

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Construction						
Other (specify)						
<b>Total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000
State Grant						
<b>Total</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$500,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: CENTURY AVENUE - HAMILTON STREET TO CENTENNIAL ROAD & CENTENNIAL ROAD TO TRENTON DRIVE TO JERICHO ROAD      Priority 6 of 12 1st Year:

Description: RECONSTRUCTION OF CENTURY AVENUE AND CENTENNIAL ROAD WILL CONSIST OF WIDENING OF THE EXISTING TWO-LANE RURAL ROADWAY SECTION TO A FIVE-LANE URBAN ROADWAY SECTION WITH TRAFFIC SIGNALS, STREET LIGHTING, STORM SEWER, SIGNING, AND PAVEMENT MARKING.

Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.

\*The NDDOT has requested that the city of Bismarck advance fund this construction project. The NDDOT has committed to provide \$4,800,000 in 2011 and will provide \$3,200,000 in 2012.

Justification RECOMMENDED IN THE LONG RANGE TRANSPORTATION PLAN TO IMPROVE CAPACITY AND SAFETY.

Scheduling and Project Status      CONSTRUCTED 2011.

Annual Impact on Income and Operating Costs

	*2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$1,000,000					\$1,000,000
Construction	\$10,000,000					\$10,000,000
Other (Specify)						
<b>Total</b>	<b>\$11,000,000</b>					<b>\$11,000,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$3,000,000					\$3,000,000
Special Assessment Bonds						
Other (Specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant	\$8,000,000					\$8,000,000
State Grant						
<b>Total</b>	<b>\$11,000,000</b>					<b>\$11,000,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: HARD SURFACED STREET RECONSTRUCTION PROGRAM      Priority: 7 of 12 | 1st Year:

Description:

Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.

CURRENTLY SOME OF THE HARD SURFACED STREETS ARE REPLACED (IF NOT PROTESTED OUT) WHEN UTILITY WORK IS COMPLETED. THE UTILITY HAS BEEN PAYING 1/3 TO 1/2 THE PAVEMENT COST WITH THE REMAINDER ASSESSED TO THE PROPERTY OWNER. THIS IS A SLOW REPLACEMENT PROCESS THAT REQUIRES THE PUBLIC WORKS DEPT. TO MAINTAIN THESE HARD SURFACED STREETS BY CONTINUOUSLY FILLING POTHOLES. THIS PROJECT WOULD PROVIDE PARTIAL FUNDING TO LESSEN ASSESSMENTS FOR REPLACEMENT OF THE HARD SURFACED STREETS.

Justification: THE PROJECT WOULD BE DONE OVER A PERIOD OF YEARS. THE PROJECT WOULD CONTINUE TO COORDINATE WITH WATER AND SEWER REPLACEMENT PROJECTS. THE ESTIMATED ANNUAL NEED IS APPROXIMATELY \$1.5 MILLION/YEAR FUNDED FROM SALES TAX.

Scheduling and Project Status: REDUCED MAINTENANCE COST IN ROADS AND STREETS.  
 Annual Impact on Income and Operating Costs:

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
Construction	\$2,775,000	\$2,775,000	\$2,775,000	\$2,775,000	\$2,775,000	\$13,875,000
Other (specify)						
<b>Total</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$15,000,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
Special Assessment Bonds	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$1,440,000	\$7,200,000
Other (specify) SPECIAL DEFICIENCY	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$3,000,000</b>	<b>\$15,000,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: STREET RECONSTRUCTION AND SUBBASE DRAINAGE SYSTEM      Priority: 8 of 12 1st Year:

Description:

Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.  
 ROUGHLY 1-2% OF ASPHALT ROADWAYS ARE EXPERIENCING PREMATURE FAILURE RESULTING FROM WATER SATURATED BASES PERHAPS DUE TO GROUNDWATER LEVELS. THE COST OF INSTALLING A SUBBASE DRAINAGE SYSTEM WOULD TYPICALLY BE ASSESSED TO THE ADJACENT PROPERTY OWNER. THIS TYPE OF PROJECT IN THE PAST HAVE BEEN PROTESTED OUT BY ADJACENT PROPERTY OWNERS BECAUSE OF THE HIGH ASSESSMENT COSTS. WITHOUT A SUBBASE DRAINAGE SYSTEM STREET PAVEMENT FAILURES REQUIRE THE PUBLIC WORKS DEPT. TO CONTINUOUSLY PATCH FAILED AREAS AT TIMES CLOSING STREETS. THIS PROJECT WOULD PROVIDE PARTIAL FUNDING TO INSTALL SUBBASE DRAINAGE SYSTEMS AND TO RECONSTRUCT PAVEMENT.

Justification  
 THE PROJECT WOULD BE DONE OVER A PERIOD OF YEARS. THE PROJECT WOULD COORDINATE WITH STREET RESURFACING PROJECTS. THE ESTIMATED ANNUAL NEED IS APPROXIMATELY \$1.25 MILLION/YEAR FOR FUNDING FROM SALES TAX AND ASSESSMENTS.

Scheduling and Project Status  
 Annual Impact on Income and Operating Costs      REDUCED MAINTENANCE COST IN ROADS AND STREETS.

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$150,000	\$150,000	\$150,000	\$100,000	\$100,000	\$650,000
Construction	\$1,725,000	\$1,725,000	\$1,725,000	\$1,150,000	\$1,150,000	\$7,475,000
Other (specify)						
<b>Total</b>	<b>\$1,875,000</b>	<b>\$1,875,000</b>	<b>\$1,875,000</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$8,125,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$1,500,000	\$1,500,000	\$1,500,000	\$1,000,000	\$1,000,000	\$6,500,000
Special Assessment Bonds	\$375,000	\$375,000	\$375,000	\$250,000	\$250,000	\$1,625,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,875,000</b>	<b>\$1,875,000</b>	<b>\$1,875,000</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$8,125,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: ASPHALT STREET RESURFACING PROGRAM      Priority 9 of 12 1st Year:

Description: Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.

ASPHALT STREETS ARE RESURFACED ABOUT 7-10 YEARS FOR ARTERIAL TO 12-17 YEARS FOR RESIDENTIAL ROADS IN ORDER TO EXTEND THEIR SERVICE LIFE. THIS PROJECT WILL CONSIST OF MORE THAN ROUTINE MAINTENANCE. SALES TAX WILL PROVIDE PARTIAL FUNDING TO DECREASE COST TO PROPERTY OWNERS.

Justification

THE PROJECT WILL BE DONE CONTINUALLY AND WILL COORDINATE WITH WATER AND SEWER REPLACEMENT PROJECTS. THE ESTIMATED ANNUAL NEED EXCEEDS \$1 MILLION/YEAR FUNDED FROM SALES TAX. SALES TAX FOR 2012 CONSISTS OF \$650,000 FROM PRIOR YEAR UNUSED

Scheduling and Project Status

Annual Impact on Income and Operating Costs      REDUCED MAINTENANCE COST IN ROADS AND STREETS FOR THE ASPHALT PAVEMENTS.

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$665,000	\$500,000	\$525,000	\$550,000	\$580,000	\$2,820,000
Construction	\$8,885,000	\$7,090,000	\$7,440,000	\$7,820,000	\$8,210,000	\$39,445,000
Other (special deficiency)						
<b>Total</b>	<b>\$9,550,000</b>	<b>\$7,590,000</b>	<b>\$7,965,000</b>	<b>\$8,370,000</b>	<b>\$8,790,000</b>	<b>\$42,265,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund *	\$1,350,000	\$1,490,000	\$1,565,000	\$1,645,000	\$1,725,000	\$7,775,000
Special Assessment Bonds	\$7,700,000	\$5,700,000	\$5,985,000	\$6,285,000	\$6,600,000	\$32,270,000
Other (specify) SPECIAL DEFICIENCY	\$500,000	\$400,000	\$415,000	\$440,000	\$465,000	\$2,220,000
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$9,550,000</b>	<b>\$7,590,000</b>	<b>\$7,965,000</b>	<b>\$8,370,000</b>	<b>\$8,790,000</b>	<b>\$42,265,000</b>

\* Additional \$650,000 Funded in 2011 for total project \$10,200,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: EAST DIVIDE AVENUE - VOLK DRIVE TO EAST BISMARCK EXPRESSWAY      Priority: 10 of 121st Year.

Description: RECONSTRUCTION OF THE EXISTING RURAL TWO-LANE ROADWAY TO A 48-FOOT WIDE URBAN ROADWAY SECTION. THIS WILL INCLUDE A BOX CULVERT FOR HAY CREEK, A GATED AT-GRADE RAILROAD CROSSING OF DMVW RAIL, STREET LIGHTING, SIGNING, AND PAVEMENT

Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.

Justification: RECOMMENDED IN THE LONG RANGE TRANSPORTATION PLAN TO IMPROVE CAPACITY ALONG THIS CORRIDOR.

Scheduling and Project Status: RIGHT OF WAY ACQUISITION AND PRELIMINARY DESIGN IN 2011, DESIGN AND BID IN 2012 AND CONSTRUCTION IN 2013.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$350,000	\$700,000				\$1,050,000
Construction		\$7,000,000				\$7,000,000
Other (specify) Right of way	\$500,000					\$500,000
<b>Total</b>	<b>\$850,000</b>	<b>\$7,700,000</b>				<b>\$8,550,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$850,000	\$2,100,000				\$2,950,000
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant		\$5,600,000				\$5,600,000
State Grant						
<b>Total</b>	<b>\$850,000</b>	<b>\$7,700,000</b>				<b>\$8,550,000</b>

## City of Bismarck Capital Improvement Project 2012-2016

Department: ENGINEERING      Project Title: INTERSECTION IMPROVEMENT @ BURNT BOAT & TYLER PARKWAY      Priority: 11 of 12      1st Year:  
 Description: INTERSECTION IMPROVEMENTS RECOMMENDED BY NDDOT STUDY AT BURNT BOAT AND TYLER PARKWAY

THIS PROJECT IS TIED TO AN IMPROVEMENT PROJECT SPONSERED BY THE NDDOT FOR THE 1-94 INTERCHANGE AT SCHAFER STREET AND DIVIDE AVENUE

Justification: TO INSTALL TRAFFIC CONTROL EQUIPMENT AND MAKE GEOMETRIC IMPROVEMENTS TO MEET THE STANDARDS OF THE MUTCD, "GREEN BOOK" DESIGN STANDARDS, TO IMPROVE TRAFFIC OPERATIONS, REDUCE CONGESTION AND DELAY, AND IMPROVE SAFETY.

Scheduling and Project Status: ENGINEERING AND DESIGN 2011 AND CONSTRUCTION 2012

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$27,777					\$27,777
Construction	\$277,777					\$277,777
Other (specify)						
<b>Total</b>	<b>\$305,554</b>					<b>\$305,554</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund	\$55,554					\$55,554
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant	\$250,000					\$250,000
State Grant						
<b>Total</b>	<b>\$305,554</b>					<b>\$305,554</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Department: ENGINEERING      Project Title: NORTH WASHINGTON STREET - CALGARY AVENUE TO 43RD AVENUE      Priority: 12 of 12 1st Year.

Description: RECONSTRUCTION AND WIDENING OF THE EXISTING TWO-LANE RURAL SECTION TO A 48-FOOT WIDE URBAN ROADWAY, WITH TRAFFIC

Special assessments are anticipated to be a contributing part of this project's funding, but the amount is yet to be determined.

Justification: RECOMMENDED IN THE LONG RANGE TRANSPORTATION PLAN TO IMPROVE CAPACITY AND SAFETY.

Scheduling and Project Status: PRELIMINARY ENGINEERING IN 2012, DESIGN IN 2013, AND CONSTRUCTION IN 2014.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design		\$300,000				\$300,000
Engineering/Architectural			\$300,000			\$900,000
Construction				\$6,000,000		\$6,000,000
Other (specify)						
<b>Total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$6,600,000</b>		<b>\$7,200,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund		\$300,000	\$300,000	\$1,800,000		\$2,400,000
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant				\$4,800,000		\$4,800,000
State Grant						
<b>Total</b>		<b>\$300,000</b>	<b>\$300,000</b>	<b>\$6,600,000</b>		<b>\$7,200,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - SANITARY SEWER**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2012	2013	2014	2015	2016	
Washington Lift Station Rehab	1	3,200,000	Sewer Utility	100	3,200,000	-	-	-	-	-
Hay Creek Foremain	2	110,000	Sewer Utility	100	110,000	-	-	-	-	-
SCADA System Upgrade	3	2,250,000	Sewer Utility	100	1,150,000	1,100,000	-	-	-	-
Wachter Lift Rehab	4	3,500,000	Sewer Utility	100	150,000	1,050,000	2,300,000	-	-	-
Hay Creek Extension-Canada Dr	5	407,000	Sewer Utility	100	407,000	-	-	-	-	-
SW Dav Area-Lift Station/Foremain	6	1,000,000	Sewer Utility	100	-	500,000	-	-	-	500,000
Hay Creek Extension-57th/71st Intercepto	7	935,000	Sewer Utility	100	-	935,000	-	-	-	-
Pebble Creek Interceptor Sewer	8	880,000	Sewer Utility	100	-	330,000	-	-	550,000	-
Hay Creek Sewer Rehab	9	1,500,000	Sewer Utility	100	-	-	100,000	500,000	900,000	-
<b>TOTAL</b>		<b>13,782,000</b>			<b>5,017,000</b>	<b>3,915,000</b>	<b>2,400,000</b>	<b>1,050,000</b>	<b>1,400,000</b>	<b>-</b>
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>13,782,000</b>			<b>5,017,000</b>	<b>3,915,000</b>	<b>2,400,000</b>	<b>1,050,000</b>	<b>1,400,000</b>	<b>-</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Washington Lift Station Rehabilitation Priority 1 of 9 1st Year: 2003

Description The Washington Lift Station was originally built in 1953, modified in 1965 and had updated controls installed in the early 1990's. The existing facility is in need of rehabilitation. Problems include roof problems, HVAC inadequacies, corrosion of piping and valves, lack of flow metering, among other problems. Project would hire a consultant to evaluate the entire station for needs and make recommendations that could be built without taking the station out of service.

Justification This lift station pumps about 60% of the city's wastewater. Reliability and safety issues need to be addressed.

Scheduling and Project Status Construction in 2011-2012

Annual Impact on Income and Operating Costs

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$200,000					\$200,000
Construction	\$3,000,000					\$3,000,000
Other (specify)						
<b>Total</b>	<b>\$3,200,000</b>					<b>\$3,200,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$3,200,000					\$3,200,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$3,200,000</b>					<b>\$3,200,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Priority 2 of 9 1st Year: 2001  
 Description Hay Creek Lift Station parallel foreman  
Construction of 750 feet of 10 inch foreman to complete parallel foreman.

Justification Provides additional capacity and redundancy.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$10,000					\$10,000
Construction	\$100,000					\$100,000
Other (specify)						
<b>Total</b>	<b>\$110,000</b>					<b>\$110,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$110,000					\$110,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$110,000</b>					<b>\$110,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works SCADA system upgrade - sanitary sewer system Priority 3 of 9 1st Year: 2005

Description Update the current SCADA system which is functionally obsolete. Work would include a system evaluation/needs assessment. which would be followed by a Master Plan, design and installation of new equipment. Systems integration would be provided by the designer as a professional services contract. Work would be done in conjunction with upgrade of the water distribution system SCADA system.

Justification

Scheduling and Project Status System evaluation/needs assessment in 2009-10 with design and construction in 2010-11

Annual Impact on Income and Operating Costs

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design	\$100,000					\$100,000
Engineering/Architectural	\$150,000					\$150,000
Construction	\$800,000	\$950,000				\$1,750,000
Other (System Integration)	\$100,000	\$150,000				\$250,000
<b>Total</b>	<b>\$1,150,000</b>	<b>\$1,100,000</b>				<b>\$2,250,000</b>

Project Funding:

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$1,150,000	\$1,100,000				\$2,250,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,150,000</b>	<b>\$1,100,000</b>				<b>\$2,250,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works	Wachter Lift Station Rehabilitation	Priority	4 of 9	1st Year: 2008		
<b>Description</b> The Wachter Lift Station was originally built in 1977 and is one of two master lift stations for the City. The existing facility is in need of rehabilitation. Problems include HVAC inadequacies, corrosion of piping and valves, increased problems with electrical system due to corrosion, lack of flow metering, need for additional backup pumping capacity, among other problems. Project would hire a consultant to evaluate the entire station for needs and make recommendations that could be built without taking the station out of service.						
<b>Justification</b> This lift station pumps about 40% of the city's wastewater. Reliability and safety issues need to be addressed.						
<b>Scheduling and Project Status</b>						
<b>Annual Impact on Income and Operating Costs</b>						
<b>Project Costs:</b>						
Planning & Preliminary Design	2012	2013	2014	2015	2016	Total
Engineering/Architectural	\$150,000	\$250,000	\$300,000			\$700,000
Construction		\$800,000	\$2,000,000			\$2,800,000
Other (specify)						
<b>Total</b>	<b>\$150,000</b>	<b>\$1,050,000</b>	<b>\$2,300,000</b>			<b>\$3,500,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$150,000	\$1,050,000	\$2,300,000			\$3,500,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$150,000</b>	<b>\$1,050,000</b>	<b>\$2,300,000</b>			<b>\$3,500,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Priority 5 of 9 | 1st Year: 2007

Description Hay Creek Extension - Canada Dr Interceptor Sewer  
 Extend interceptor sewer west on Canada Dr to west of Washington St.  
 Approximately 2700 LF of 12 inch sewer

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$37,000					\$37,000
Construction	\$370,000					\$370,000
Other (specify)						
<b>Total</b>	<b>\$407,000</b>					<b>\$407,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$407,000					\$407,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$407,000</b>					<b>\$407,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works SW Development area - Lift Sta. and forcemain Priority 6 of 9 1st Year: 2000

Description New lift station and forcemain ( or forcemain for smaller submersible stations to pump to) to serve new development areas in So. Bismarck

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$100,000
Engineering/Architectural		\$50,000				\$50,000
Construction		\$450,000				\$450,000
Other (specify)						
<b>Total</b>		<b>\$500,000</b>				<b>\$1,000,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$500,000				\$500,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$500,000</b>				<b>\$500,000</b>
						<b>\$1,000,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Priority 7 of 9 1st Year: 2005

Description Hay Creek Extension - 57th/71st Ave Interceptor Sewer  
 Extend Hay Creek interceptor sewer to serve area between 57th & 71st Avenues along State St.  
 Approximately 5000 LF of 12 & 15 inch sewer

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$85,000				\$85,000
Construction		\$850,000				\$850,000
Other (specify)						
<b>Total</b>		<b>\$935,000</b>				<b>\$935,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$935,000				\$935,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$935,000</b>				<b>\$935,000</b>

## City of Bismarck Capital Improvement Project 2011 - 2015

Public Works Pebble Creek Interceptor Sewer Priority 8 of 9 1st Year: 2005

Description Extend Interceptor sewer to serve area south of 43rd Ave area east to Centennial Rd

Approximately 6500 LF of 12 inch sewer

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		30000		\$50,000		\$80,000
Construction		300000		\$500,000		\$800,000
Other (specify)						
<b>Total</b>		<b>\$330,000</b>		<b>\$550,000</b>		<b>\$880,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$330,000		\$550,000		\$880,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$330,000</b>		<b>\$550,000</b>		<b>\$880,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Priority 9 of 9 1st Year: 2001  
 Description Hay Creek sewer rehab  
 Lining of sewers in Hay Creek basin and rehabilitation of manholes that have excessive I/I

Justification Lining and/or rehabilitation of sewer system. Master plan indicated excessive infiltration/inflow in this area. Rehab will reduce I/I flows and assure long term structural integrity of system.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design				\$100,000	\$100,000	\$300,000
Engineering/Architectural Construction				\$400,000	\$800,000	\$1,200,000
Other (specify)			\$100,000	\$500,000	\$900,000	\$1,500,000
<b>Total</b>			\$100,000	\$500,000	\$900,000	\$1,500,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves			\$100,000	\$500,000	\$900,000	\$1,500,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			\$100,000	\$500,000	\$900,000	\$1,500,000

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - STORM SEWER**

Requested Project	Rank	Cost to be Funded	Funding		2012	Projected Costs Per Year				
			Source	%		2013	2014	2015	2016	
South Bismarck-Storm Water Channel	1	1,750,000	Spec Asmt	100	1,750,000	-	-	-	-	-
Gate Relocation & Improvements										
South Bismarck-Storm Sewer Improvements	2	2,300,000	Spec Asmt	100	1,150,000	-	1,150,000	-	-	-
Hay Creek Watershed-North Washington Street Sub-Watershed	3	440,000	Spec Asmt	100	220,000	-	-	220,000	-	-
Hay Creek/Centennial Watershed-Hamilton Detention	4	275,000	Spec Asmt	100	275,000	-	-	-	-	-
Hay Creek/Centennial Watershed-Sattler's to Century	5	550,000	Spec Asmt	100	550,000	-	-	-	-	-
Hay Creek/Centennial Watershed-Centennial Watershed Outfall	6	115,000	Spec Asmt	100	115,000	-	-	-	-	-
South Bismarck-South 12th Street Sub-Watershed	7	5,225,000	Spec Asmt	100	500,000	-	975,000	550,000	3,200,000	-
Tyler Coulee-Valley Dr West Embankment	8	2,200,000	Spec Asmt	100	-	2,200,000	-	-	-	-
Tyler Coulee-Tyler Pkwy Embankment	9	1,650,000	Spec Asmt	100	-	1,650,000	-	-	-	-
Hay Creek Watershed-North Valley Channel Alignment	10	660,000	Spec Asmt	100	-	660,000	-	-	-	-
Hay Creek/Pebble Creek Watershed-Nebraska Drive	11	275,000	Spec Asmt	100	-	275,000	-	-	-	-
Tyler Coulee-Overland Road Embankment	12	165,000	Spec Asmt	100	-	-	165,000	-	-	-
Tyler Coulee-Eagle Crest Embankment	13	770,000	Spec Asmt	100	-	-	770,000	-	-	-
Hay Creek/Centennial Watershed-Detention Carrafel's	14	275,000	Spec Asmt	100	-	-	275,000	-	-	-
Hay Creek/North 4th Street Watershed-West of Washington	15	890,000	Spec Asmt	100	-	-	500,000	-	-	390,000
Landfill Watershed	16	825,000	Spec Asmt	100	-	-	275,000	275,000	275,000	-
<b>TOTAL</b>		<b>18,365,000</b>			<b>4,560,000</b>	<b>4,785,000</b>	<b>4,110,000</b>	<b>1,045,000</b>	<b>3,865,000</b>	<b>-</b>
<b>NON-CITY FUNDING</b>		<b>18,365,000</b>			<b>4,560,000</b>	<b>4,785,000</b>	<b>4,110,000</b>	<b>1,045,000</b>	<b>3,865,000</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer      South Bismarck - Storm Water Channel Gate Relocation and Improvements      Priority 1 of 16      2011

Description      Relocate Flood Control Gate and provide pumping capability

Justification      Gate needs to be replaced. New location will provide better flood control and pumping capability will provide better operation of system during high river

Scheduling and Project Status      2012, will pursue FEMA mitigation grant funding

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$250,000
Engineering/Architectural	\$250,000					\$250,000
Construction	\$1,500,000					\$1,500,000
Land Acquisition						
<b>Total</b>	<b>\$1,750,000</b>					<b>\$1,750,000</b>

**Project Funding:**

City						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$1,750,000					\$1,750,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,750,000</b>					<b>\$1,750,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer	South Bismarck - Storm Sewer Improvements	Priority	2 of 16	2011		
Description    System improvements to reduce street flooding during rainfall events						
Justification    Current system results in street flooding on Expressway and S 12th St area.						
Scheduling and Project Status    Specific projects to be identified in South Bismarck Storm Water Master Plan update, fall 2011						
Annual Impact on Income and Operating Costs						
<b>Project Costs:</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Planning & Preliminary Design						\$300,000
Engineering/Architectural	\$150,000		\$150,000			\$2,000,000
Construction	\$1,000,000		\$1,000,000			
Land Acquisition						
<b>Total</b>	<b>\$1,150,000</b>		<b>\$1,150,000</b>			<b>\$2,300,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$1,150,000		\$1,150,000			\$2,300,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,150,000</b>		<b>\$1,150,000</b>			<b>\$2,300,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Hay Creek Watershed - North Washington Street Sub-Watershed Priority 3 of 16 1st Year

Description Construct storm water detention ponds and storm sewer to address future development.

Justification Storm sewer required to handle storm water for future development.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$20,000			\$20,000		\$40,000
Construction	\$200,000			\$200,000		\$400,000
Land Acquisition						
<b>Total</b>	<b>\$220,000</b>			<b>\$220,000</b>		<b>\$440,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$220,000			\$220,000		\$440,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$220,000</b>			<b>\$220,000</b>		<b>\$440,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Hay Creek/Centennial Watershed - Hamilton Detention Priority 4 of 16 1st Year

Description Storm water detention at Hamilton Street south of Century Ave

Justification Needed for future development and to correct existing deficiencies

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$25,000					\$25,000
Construction	\$250,000					\$250,000
Other (specify)						
<b>Total</b>	<b>\$275,000</b>					<b>\$275,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$275,000					\$275,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$275,000</b>					<b>\$275,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer | Hay Creek/Centennial Watershed - Sattler's to Century | Priority 5 of 16 | 1st Year

Description Storm water improvements from Sattler's Sunrise 1st Addition to Century Avenue

Justification Needed for future development and to correct existing deficiencies

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$70,000
Engineering/Architectural	\$70,000					\$70,000
Construction	\$480,000					\$480,000
Other (specify)						
<b>Total</b>	<b>\$550,000</b>					<b>\$550,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$550,000					\$550,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$550,000</b>					<b>\$550,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Hay Creek/Centennial Watershed - Centennial Watershed Outfall Priority 6 of 16 1st Year

Description Storm water outfall for Centennial Watershed - S 1-94, Mirram Ave

Justification Needed for future development

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$15,000					\$15,000
Construction	\$100,000					\$100,000
Other (specify)						
<b>Total</b>	<b>\$115,000</b>					<b>\$115,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$115,000					\$115,000
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$115,000</b>					<b>\$115,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Priority 7 of 16 1st Year

Public Works Storm Sewer      South Bismarck - South 12th Street Subwatershed

Description      Construct drainage system for South 12th Street Watershed

Justification      Expanding development in South Bismarck will require detention and outfall pumping system

Scheduling and Project Status      2011 - pump station and outfall from Cottonwood Park Lake

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$50,000		\$25,000	\$150,000	\$200,000	\$425,000
Construction	\$450,000		\$200,000	\$400,000	\$3,000,000	\$4,050,000
Land Acquisition			\$750,000			\$750,000
<b>Total</b>	<b>\$500,000</b>		<b>\$975,000</b>	<b>\$550,000</b>	<b>\$3,200,000</b>	<b>\$5,225,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds	\$500,000		\$975,000	\$550,000	\$3,200,000	\$5,225,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$500,000</b>		<b>\$975,000</b>	<b>\$550,000</b>	<b>\$3,200,000</b>	<b>\$5,225,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer      Tyler Coulee - Valley Drive West Embankment      Priority 8 of 16 1st Year

Description      Construction of storm water detention embankment on Valley Drive

Justification      Control downstream storm water impacts within Tyler Coulee

Scheduling and Project Status      Design 2007, Construction 2008  
Project has been held up due to landowner issues and property acquisition

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$200,000
Engineering/Architectural		\$200,000				\$2,000,000
Construction		\$2,000,000				\$2,000,000
Other (specify)						
<b>Total</b>		<b>\$2,200,000</b>				<b>\$2,200,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds		\$2,200,000				\$2,200,000
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$2,200,000</b>				<b>\$2,200,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Tyler Coulee - Tyler Parkway Embankment Priority 9 of 16 | 1st Year

Description Construction of storm water detention embankment on the future Tyler Parkway alignment

Justification Control downstream storm water impacts within Tyler Coulee

Scheduling and Project Status Design 2007, Construction 2008  
Project has been held up due to landowner issues and property acquisition

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$150,000				\$150,000
Construction		\$1,500,000				\$1,500,000
Other (specify)						
<b>Total</b>		<b>\$1,650,000</b>				<b>\$1,650,000</b>

**Project Funding:**

City						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds		\$1,650,000				\$1,650,000
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$1,650,000</b>				<b>\$1,650,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer      Hay Creek Watershed - North Valley Channel Alignment      Priority 10 of 16 | 1st Year

Description      Construct natural channel alignment

Justification      Storm sewer required to handle storm water for future development.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						60,000
Engineering/Architectural		60,000				60,000
Construction		600,000				600,000
Land Acquisition						
<b>Total</b>		<b>660,000</b>				<b>660,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds		660,000				660,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>660,000</b>				<b>660,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer | Hay Creek/Pebble Creek Watershed - Nebraska Drive | Priority 11 of 16 | 1st Year

Description Construct detention and storm sewer at Nebraska Drive stream crossings

Justification Needed for future development

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$25,000
Engineering/Architectural		\$25,000				\$250,000
Construction		\$250,000				\$275,000
Other (specify)						
<b>Total</b>		\$275,000				\$275,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds		\$275,000				\$275,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$275,000				\$275,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Tyler Coulee - Overland Road Embankment Priority 12 of 16 1st Year

Description Improvements to the Overland Road Embankment

Justification Control downstream storm water impacts within Tyler Coulee and meet requirements of the State Engineer

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$15,000
Engineering/Architectural			\$15,000			\$150,000
Construction						
Other (specify)						
<b>Total</b>			<b>\$165,000</b>			<b>\$165,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds			\$165,000			\$165,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$165,000</b>			<b>\$165,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer      Tyler Coulee - Eagle Crest Embankment      Priority 13 of 16 | 1st Year

Description      Construction of storm water detention embankment near Eagle Crest

Justification      Control downstream storm water impacts within Tyler Coulee

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$70,000
Engineering/Architectural			\$70,000			\$70,000
Construction			\$700,000			\$700,000
Other (specify)						
<b>Total</b>			<b>\$770,000</b>			<b>\$770,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds			\$770,000			\$770,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$770,000</b>			<b>\$770,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Hay Creek/Centennial Watershed - Detention Carufel's Priority 14 of 16 | 1st Year

Description Regional Storm water detention in Carufel's watershed at I-94 and Hay Creek

Justification Needed for future development and to correct existing deficiencies

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$25,000			\$25,000
Construction			\$250,000			\$250,000
Other (specify)						
<b>Total</b>			<b>\$275,000</b>			<b>\$275,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund			\$275,000			\$275,000
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$275,000</b>			<b>\$275,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer Hay Creek/North 4th Street Watershed - West of Washington  
 Description Detention and Storm Sewer west of Washington Street Priority 15 of 16 1st Year

Justification Needed for future development

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$50,000		\$40,000	\$90,000
Construction			\$450,000		\$350,000	\$800,000
Other (specify)						
<b>Total</b>			<b>\$500,000</b>		<b>\$390,000</b>	<b>\$890,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund			\$500,000		\$390,000	\$890,000
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$500,000</b>		<b>\$390,000</b>	<b>\$890,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Storm Sewer      Landfill Watershed      Priority 16 of 16 1st Year

Description      Construct drainage improvements within watershed to accommodate future growth

Justification      Needed for future development

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$25,000	\$25,000	\$25,000	\$75,000
Construction			\$250,000	\$250,000	\$250,000	\$750,000
Land Acquisition						
<b>Total</b>			\$275,000	\$275,000	\$275,000	\$825,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds			\$275,000	\$275,000	\$275,000	\$825,000
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			\$275,000	\$275,000	\$275,000	\$825,000

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - WASTEWATER TREATMENT PLANT**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year					
			Source	%	2012	2013	2014	2015	2016	
Boiler Upgrade	1	110,000	Sewer Utility	100	110,000	-	-	-	-	-
Phase 5 Imp (Trickling Filter)	2	7,100,000	Sewer Utility	100	1,600,000	2,800,000	2,700,000	-	-	-
Phase 6 Imp (FEQ/Final Clarifier)	3	3,000,000	Sewer Utility	100	-	-	250,000	2,750,000	-	-
Phase 7 Imp (Disinfection)	4	2,070,000	Sewer Utility	100	-	-	-	120,000	1,950,000	-
<b>TOTAL</b>		<b>12,280,000</b>			<b>1,710,000</b>	<b>2,800,000</b>	<b>2,950,000</b>	<b>2,870,000</b>	<b>1,950,000</b>	<b>-</b>
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>12,280,000</b>			<b>1,710,000</b>	<b>2,800,000</b>	<b>2,950,000</b>	<b>2,870,000</b>	<b>1,950,000</b>	<b>-</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works / WWTP-Digester Boiler system Improvements / Priority 1 of 4 / 2010

Description Upgrade of 3 boilers for sludge heating system.

Justification Equipment is 25 years old and in need of an upgrade.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$10,000					\$10,000
Construction	\$100,000					\$100,000
Other (specify)						
<b>Total</b>	<b>\$110,000</b>					<b>\$110,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$110,000					\$110,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$110,000</b>					<b>\$110,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WWTP-Phase 5 Improvements (Trickling Filter Improvements) Priority 2 of 4 | 1st Year

Description Replacement of trickling filter distributors and media and pumping and hydraulic upgrades

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$600,000	\$200,000	\$200,000			\$1,000,000
Construction	\$1,000,000	\$2,600,000	\$2,500,000			\$6,100,000
Other (specify)						
<b>Total</b>	<b>\$1,600,000</b>	<b>\$2,800,000</b>	<b>\$2,700,000</b>			<b>\$7,100,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$1,600,000	\$2,800,000	\$2,700,000			\$7,100,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$1,600,000</b>	<b>\$2,800,000</b>	<b>\$2,700,000</b>			<b>\$7,100,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WWTP-Phase 6 Improvements (Flow Equalization) Priority 3 of 4 1st Year  
 Description Construction of additional flow equalization capacity

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$250,000	\$250,000		\$500,000
Construction				\$2,500,000		\$2,500,000
Other (specify)						
<b>Total</b>			<b>\$250,000</b>	<b>\$2,750,000</b>		<b>\$3,000,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves			\$250,000	\$2,750,000		\$3,000,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$250,000</b>	<b>\$2,750,000</b>		<b>\$3,000,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WWTP-Phase 7 Improvements (Disinfection) | Priority 4 of 4 1st Year  
 Description | Construction of new effluent disinfection system

Justification | Existing disinfection system is under sized and needs safety upgrades

Scheduling and Project Status

Annual Impact on Income and Operating Costs

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural				\$120,000	\$200,000	\$320,000
Construction					\$1,750,000	\$1,750,000
Other (specify)						
<b>Total</b>				<b>\$120,000</b>	<b>\$1,950,000</b>	<b>\$2,070,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$120,000	\$1,950,000	\$2,070,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$120,000</b>	<b>\$1,950,000</b>	<b>\$2,070,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - WATER DISTRIBUTION**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year				
			Source	%	2012	2013	2014	2015	2016
SCADA	1	1,725,000	Water Utility	100	875,000	850,000	-	-	-
Zone 2 Trunk	2	1,300,000	Water Utility	100	600,000	700,000	-	-	-
SE Zone 1 Loops	3	1,980,000	Water Utility	100	330,000	-	330,000	-	1,320,000
Pebble Creek Watermains	4	946,000	Water Utility	100	220,000	-	242,000	-	484,000
Canada-Halifax Watermains	5	1,100,000	Water Utility	100	550,000	-	-	550,000	-
Metro Ind Park Watermains	6	308,000	Water Utility	100	-	308,000	-	-	-
E Divide Ave Watermain	7	1,210,000	Water Utility	100	-	1,210,000	-	-	-
Valley Drive	8	550,000	Water Utility	100	-	-	275,000	-	275,000
US 83 Watermain Extension	9	825,000	Water Utility	100	-	-	825,000	-	-
Zone 3 & 4 Feeders	10	550,000	Water Utility	100	-	-	-	550,000	-
S 12th St loop	11	330,000	Water Utility	100	-	-	-	330,000	-
<b>TOTAL</b>		<b>10,824,000</b>			<b>2,575,000</b>	<b>3,068,000</b>	<b>1,672,000</b>	<b>1,430,000</b>	<b>2,079,000</b>
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>10,824,000</b>			<b>2,575,000</b>	<b>3,068,000</b>	<b>1,672,000</b>	<b>1,430,000</b>	<b>2,079,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works SCADA system upgrade - Water distribution system Priority 1 of 11 1st Year: 2005

Description Update the current SCADA system which is functionally obsolete. Work would include a system evaluation/needs assessment. which would be followed by a Master Plan, design and installation of new equipment. Systems integration would be provided by the designer as a professional services contract. Work would be done in conjunction with upgrade of the sanitary sewer collection system SCADA system.

Justification

Scheduling and Project Status System evaluation/needs assessment in 2009-10 with design and construction in 2010-11

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design	\$75,000					\$75,000
Engineering/Architectural	\$150,000					\$150,000
Construction	\$550,000	\$750,000				\$1,300,000
Other (System integration)	\$100,000	\$100,000				\$200,000
<b>Total</b>	<b>\$875,000</b>	<b>\$850,000</b>				<b>\$1,725,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$875,000	\$850,000				\$1,725,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$875,000</b>	<b>\$850,000</b>				<b>\$1,725,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Zone 2 Trunk Watermain & Storage Priority 2 of 11 1999

Description Zone 2: North 19th St from Divide to Century(2001), N 19th St north of Pebble Creek to 43rd Ave(2002), west to reservoir site at State Street (2001), Crossing at Divide Ave & State St (2002) and State St to 16th St (2004) & storage (2008-10). Pump station to supply Zones 3 & 4 to be built at State St & 43rd Ave Reservoir (2010)

Construct pump station in 2010, reservoir at future date when demand requires

Justification Increased development in northeast Bismarck requires additional delivery capacity and storage.

Scheduling and Project Status Coordinate construction with State St project (see Description for schedule)

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$100,000	\$50,000				\$150,000
Construction	\$500,000	\$650,000				\$1,150,000
Other (specify)						
<b>Total</b>	<b>\$600,000</b>	<b>\$700,000</b>				<b>\$1,300,000</b>

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves	\$600,000	\$700,000				\$1,300,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$600,000</b>	<b>\$700,000</b>				<b>\$1,300,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works	SE Trunk Watermain Extension	Priority	3	of	11	1999
Description      Trunk watermain extension north and east of Sec 11, T138W, R80N and around east and south edge of airport. Initial stages provide service in NPCC area.						
Justification      Provide water service to SE development areas, including NPCC and City of Lincoln. Complete loop around Airport. Complete loop from Morrison Ave north to fairgrounds area						
Scheduling and Project Status      Morrison to Airway (2011), Morrison north to county property (2010), Airway to Lincoln Rd (2013)						
Annual Impact on Income and Operating Costs						
<b>Project Costs:</b>						
Planning & Preliminary Design	2012	2013	2014	2015	2016	Total
Engineering/Architectural	\$30,000		\$30,000		\$120,000	\$180,000
Construction	\$300,000		\$300,000		\$1,200,000	\$1,800,000
Other (specify)						
<b>Total</b>	<b>\$330,000</b>		<b>\$330,000</b>		<b>\$1,320,000</b>	<b>\$1,980,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$330,000		\$330,000		\$1,320,000	\$1,980,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$330,000</b>		<b>\$330,000</b>		<b>\$1,320,000</b>	<b>\$1,980,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Priority 4 of 11 2005

Description Pebble Creek Watermains

12 inch trunk watermains to serve Zone 2 east of 19th St south of 43rd Ave., approx 11000 LF

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$20,000		\$22,000		\$44,000	\$86,000
Construction	\$200,000		\$220,000		\$440,000	\$860,000
Other (specify)						
<b>Total</b>	<b>\$220,000</b>		<b>\$242,000</b>		<b>\$484,000</b>	<b>\$946,000</b>

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves	\$220,000		\$242,000		\$484,000	\$946,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$220,000</b>		<b>\$242,000</b>		<b>\$484,000</b>	<b>\$946,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Canada-Halifax Watermains Priority 5 of 11 2005

Description 12 inch trunk watermains between Washington and US 83 and 43rd Ave and 57th Ave (Canada Ave and Halifax St)

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$50,000			\$50,000		\$100,000
Construction	\$500,000			\$500,000		\$1,000,000
Other (specify)						
<b>Total</b>	<b>\$550,000</b>			<b>\$550,000</b>		<b>\$1,100,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$350,000			\$50,000		\$1,100,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$550,000</b>			<b>\$550,000</b>		<b>\$1,100,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Metro Industrial Park Water mains Priority 6 of 11 2005  
 Description Extension of 24 inch water on 1804 and construction of 12 inch mains to serve Metro Ind Park

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$28,000
Engineering/Architectural		\$28,000				\$280,000
Construction		\$280,000				\$280,000
Other (specify)						
<b>Total</b>		\$308,000				\$308,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$308,000				\$308,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$308,000				\$308,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works E Divide Ave Watermain (35th St to 1/2 mi east of E Bismarck Expressway) Priority 7 of 11 2001

Description One mile of 20 inch watermain in conjunction with construction of Divide Ave improvements and to provide service to NE 1/4 of Sec 36

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$110,000
Engineering/Architectural		\$110,000				\$110,000
Construction		\$1,100,000				\$1,100,000
Other (specify)						
<b>Total</b>		\$1,210,000				\$1,210,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$1,210,000				\$1,210,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		\$1,210,000				\$1,210,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Valley Drive Trunk watermain Priority 8 of 11 2000

Description Extension of watermain across Tyler Coulee west to the Promontory Pt area (begin in 2007)  
Second project extends trunk main north of Promontory Pt 4th Addition

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$25,000		\$25,000	\$50,000
Construction			\$250,000		\$250,000	\$500,000
Other (specify)						
<b>Total</b>			<b>\$275,000</b>		<b>\$275,000</b>	<b>\$550,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves			\$275,000		\$275,000	\$550,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$275,000</b>		<b>\$275,000</b>	<b>\$550,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works US 83 Watermain Extension Priority 9 of 11 2005

Description Extension of 16 inch watermain north on US 83 to 1804 (71st Ave) approx 6000 feet

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$75,000			\$75,000
Construction			\$750,000			\$750,000
Other (specify)						
<b>Total</b>			<b>\$825,000</b>			<b>\$825,000</b>

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves			\$825,000			\$825,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$825,000</b>			<b>\$825,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works Zone 3 & 4 Trunk Watermains from Washington to State St on 43rd Ave Priority 10 of 11 2002

Description Construction of watermain extensions on 43rd Ave to ultimately connect new pump station at State St & 43rd Ave to feed Zones 3 & 4.

First phase will complete both loops and tie the pumping station at State & 43rd to the Ash Coulee tower. Second will extend Zone 3 to underground reservoir site at Ash Coulee tower location.

Justification

Scheduling and Project Status First phase construction in 2008

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$50,000		\$50,000
Construction				\$500,000		\$500,000
Other (specify)						
<b>Total</b>				\$550,000		\$550,000

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves				\$550,000		\$550,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				\$550,000		\$550,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works	S 12th St Zone 1 Watermain loop	Priority	11	of	11	2008
Description	Completion of 16 inch watermain loop on S 12th St from Santa Fe Ave to 1600' north of Burileigh Ave. Total length of 2800 feet.					
Justification	Added redundancy and supply capacity for south Bismarck distribution system area.					
Scheduling and Project Status						
Annual Impact on Income and Operating Costs						
<b>Project Costs:</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Planning & Preliminary Design						
Engineering/Architectural				\$30,000		\$30,000
Construction				\$300,000		\$300,000
Other (specify)						
<b>Total</b>				<b>\$330,000</b>		<b>\$330,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$330,000		\$330,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$330,000</b>		<b>\$330,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
 UTILITY OPERATIONS - WATER DISTRIBUTION (Watermain Replacement)

Requested Project	Rank	Cost to be Funded	Funding		%	Projected Costs Per Year				
			Source			2012	2013	2014	2015	2016
Valve Replacements	1	1,100,000	Water Utility		100	220,000	220,000	220,000	220,000	220,000
Alley-3rd & 4th	2	675,000	Water Utility		100	675,000				
Old Ft Lincoln (Bowen & Expressway)	3	675,000	Water Utility		100	675,000				
Kimberly, Ave B & 25th St	4	253,000	Water Utility		100	253,000				
N 25th St	5	66,000	Water Utility		100	66,000				
Mason Ave	6	99,000	Water Utility		100	99,000				
S 13th-15th St Area Hard Surface Project	7	594,000	Water Utility		100	594,000				
St Benedict, Assumption, St Joseph	8	330,000	Water Utility		100	-	330,000			
S 16th St area Hard Surface Project	9	275,000	Water Utility		100	-	275,000			
S 17th-19th St area Hard Surface Project	10	462,000	Water Utility		100	-	462,000			
Lake Ave/Summit Blvd Area Hard Surface	11	418,000	Water Utility		100	-	418,000			
W Bowen Ave Hard Surface Project	12	99,000	Water Utility		100	-	99,000			
S Hannifin St Hard Surface Project	13	66,000	Water Utility		100	-	66,000			
W Sweet Ave Hard Surface Project	14	187,000	Water Utility		100	-	187,000			
Garden Dr Hard Surface Project	15	99,000	Water Utility		100	-	99,000			
Riverview Ave Hard Surface Project	16	165,000	Water Utility		100	-	165,000			
Central Ave Hard Surface Project	17	181,500	Water Utility		100	-	181,500			
Capitol Ave Hard Surface Project	18	99,000	Water Utility		100	-	99,000			
Kavanaugh Dr Hard Surface Project	19	181,500	Water Utility		100	-	181,500			
Tumpike Ave Hard Surface Project	20	242,000	Water Utility		100	-	242,000			
Catherine Dr Hard Surface Project	21	143,000	Water Utility		100	-	143,000			
Shady Lane Hard Surface Project	22	77,000	Water Utility		100	-	77,000			
N 2nd St Hard Surface Project	23	55,000	Water Utility		100	-	55,000			
N 3rd St Hard Surface Project	24	143,000	Water Utility		100	-	143,000			
N 5th St Hard Surface Project	25	77,000	Water Utility		100	-	77,000			
N 6th St Hard Surface Project	26	181,500	Water Utility		100	-	181,500			
N 7th St Hard Surface Project	27	154,000	Water Utility		100	-	154,000			
N 8th St Hard Surface Project	28	198,000	Water Utility		100	-	198,000			
N 9th St Hard Surface Project	29	60,500	Water Utility		100	-	60,500			
N 15th (Spaulding) Hard Surface Project	30	55,000	Water Utility		100	-	55,000			
N 9th St E to F	31	77,000	Water Utility		100	-	77,000			
Mandan St & Ave E Hard Surface Project	32	110,000	Water Utility		100	-	110,000			
Ave F Mandan - Washington	33	99,000	Water Utility		100	-	99,000			
Sweet Ave (3rd-5th) Hard Surface Proj	34	77,000	Water Utility		100	-	77,000			
Front Ave & 1st St Hard Surface Project	35	77,000	Water Utility		100	-	77,000			
N 20th St Hard Surface Project	36	88,000	Water Utility		100	-	88,000			
N 21st St Hard Surface Project	37	88,000	Water Utility		100	-	88,000			
N 22nd St Hard Surface Project	38	88,000	Water Utility		100	-	88,000			

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - WATER DISTRIBUTION (Watermain Replacement)**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year				
			Source	%	2012	2013	2014	2015	2016
Laforest Ave Hard Surface Project	39	55,000	Water Utility	100	-	-	-	-	55,000
Hanarford Ave Hard Surface Project	40	55,000	Water Utility	100	-	-	-	-	55,000
Valley View Area Hard Surface Project	41	319,000	Water Utility	100	-	-	-	-	319,000
N 27th, Gary & Ave B Hard Surface Proj	42	209,000	Water Utility	100	-	-	-	-	209,000
<b>TOTAL</b>		<b>8,753,000</b>			<b>2,582,000</b>	<b>1,287,000</b>	<b>1,254,000</b>	<b>2,013,000</b>	<b>1,617,000</b>
NON-CITY FUNDING		-			-	-	-	-	-
<b>TOTAL CITY FUNDING</b>		<b>8,753,000</b>			<b>2,582,000</b>	<b>1,287,000</b>	<b>1,254,000</b>	<b>2,013,000</b>	<b>1,617,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works      Water Distribution valve replacement - multi-year      Priority 1 of 42 1st Year: 2010  
 Description      2300 ft of watermain replacement. Gary Ave, 27th St and Ave B as part of Hard Surface St Project

Justification      Replacement of inoperable valves throughout distribution system

Scheduling and Project Status

Annual Impact on Income and Operating Costs

Project Costs:	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural	\$20,000	\$20,000	20000	\$20,000	\$20,000	\$100,000
Construction	\$200,000	\$200,000	200000	\$200,000	\$200,000	\$1,000,000
Other (specify)						
<b>Total</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$1,100,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves	\$220,000	\$220,000	\$220,000	\$220,000	\$220,000	\$1,100,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$220,000</b>	<b>\$1,100,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Alley between 3rd & 4th St ( Boulevard to Divide) Priority 2 of 42 1st Year: 2003

Description Replacement of 2500 ft of cast iron watermain.

Justification Replacement of cast iron watermain in poor condition  
Likely will be a trenchless (lining) project

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$75,000					
Construction	\$600,000					
Other (specify)						
<b>Total</b>	<b>\$675,000</b>					<b>\$675,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$675,000					
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$675,000</b>					

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Old Ft Lincoln WM between Bowen and Expressway Priority 3 of 42 1st Year: 2003

Description Replacement of 2600 ft of cast iron watermain.

Justification Replacement of cast iron watermain in poor condition that is located under existing buildings  
Project will likely be a trenchless (lining) project

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$75,000					
Construction	\$600,000					
Other (specify)						
<b>Total</b>	<b>\$675,000</b>					<b>\$675,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$675,000					
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$675,000</b>					

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Kimberly Ave, Ave B & 25th St Priority 4 of 42 1st Year: 2007

Description Replacement of 1800 ft of 6 inch cast iron watermain.

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$23,000					
Construction	\$230,000					
Other (specify)						
<b>Total</b>	<b>\$253,000</b>					<b>\$253,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$253,000					\$253,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$253,000</b>					<b>\$253,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement - N 25th St (Rosser to Thayer )  
 Description Replacement of 400 ft of 8 inch cast iron watermain  
Priority 5 of 42 1st Year: 2001

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$6,000					\$6,000
Construction	\$60,000					\$60,000
Other (specify)						
<b>Total</b>	<b>\$66,000</b>					<b>\$66,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$66,000					\$66,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>						<b>\$66,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement- Mason Ave Priority 6 of 42 1st Year: 2007

Description Replacement of 840 ft of 6 inch cast iron watermain.

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$9,000					\$9,000
Construction	\$90,000					\$90,000
Other (specify)						
<b>Total</b>	<b>\$99,000</b>					<b>\$99,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$99,000					\$99,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$99,000</b>					<b>\$99,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement-S 13th-15th Street Hard Surface St area Priority 7 of 42 1st Year: 2008  
 Description 9000 ft of watermain replacement. S 13th thru 15th St. between Front and Boehm as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status Portion done in 2011

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$54,000					\$54,000
Construction	\$540,000					\$540,000
Other (specify)						
<b>Total</b>	<b>\$594,000</b>					<b>\$594,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$594,000					\$594,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$594,000</b>					<b>\$594,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works      WMM Replacement-St Benedict, St Joseph & Assumption Dr      Priority 8 of 42 1st Year: 2007

Description      Replacement of 2600 ft of 6 inch cast iron watermain.

Justification      Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$30,000				\$30,000
Construction		\$300,000				\$300,000
Other (specify)						
<b>Total</b>		<b>\$330,000</b>				<b>\$330,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$330,000				\$330,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$330,000</b>				<b>\$330,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-S 16th Street Hard Surface St area Priority 9 of 42 1st Year: 2008

Description 3400 ft of watermain replacement. S 16th. between Front and Expressway as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$25,000
Engineering/Architectural		\$25,000				\$25,000
Construction		\$250,000				\$250,000
Other (specify)						
<b>Total</b>		<b>\$275,000</b>				<b>\$275,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$275,000				\$275,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$275,000</b>				<b>\$275,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WM Replacement-S 17th - 19th Street Hard Surface St area | Priority 10 of 42 1st Year: 2008

Description 5600 ft of watermain replacement. S 17th thru 19th St. between Front and Expressway as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$42,000				\$42,000
Construction		\$420,000				\$420,000
Other (specify)						
<b>Total</b>		<b>\$462,000</b>				<b>\$462,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$462,000				\$462,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$462,000</b>				<b>\$462,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement-Lake Ave - Summit Blvd Hard Surface St area Priority 11 of 42 1st Year: 2008

Description Replacement of 4900 ft of 6 inch cast iron watermain. Lake Ave/Summit Blvd area as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$38,000
Engineering/Architectural Construction			\$380,000			\$380,000
Other (specify)						
<b>Total</b>			<b>\$418,000</b>			<b>\$418,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves			\$418,000			\$418,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$418,000</b>			<b>\$418,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-W Bowen Ave (Anderson St to 200' west of Meadow Ln) Priority 12 of 42 1st Year: 2009

Description Replacement of 1200 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$9,000			\$9,000
Construction			\$90,000			\$90,000
Other (specify)						
<b>Total</b>			<b>\$99,000</b>			<b>\$99,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves			\$99,000			\$99,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$99,000</b>			<b>\$99,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-S Hannifin St ( Memorial Hwy to Sweet Av) Priority 13 of 42 1st Year: 2009

Description Replacement of 800 ft of 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$6,000			\$6,000
Construction			\$60,000			\$60,000
Other (specify)						
<b>Total</b>			<b>\$66,000</b>			<b>\$66,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves			\$66,000			\$66,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$66,000</b>			<b>\$66,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement-W Sweet Ave (Riverside Pk Rd to 300' east of Hannifin) Priority 14 of 42 1st Year: 2009  
 Description Replacement of 2200 ft of 6 & 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural			\$17,000			\$17,000
Construction			\$170,000			\$170,000
Other (specify)						
<b>Total</b>			<b>\$187,000</b>			<b>\$187,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves			\$187,000			\$187,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$187,000</b>			<b>\$187,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Garden Dr Priority 15 of 42 | 1st Year: 2009

Description Replacement of 1100 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$9,000
Engineering/Architectural			\$90,000			\$90,000
Construction						\$99,000
Other (specify)						
<b>Total</b>			\$99,000			\$99,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves			\$99,000			\$99,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			\$99,000			\$99,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Riverview Ave Priority 16 of 42 | 1st Year: 2004

Description Replacement of 1900 ft of 6 inch cast iron watermain. Riverview Ave between West St and Lake Ave. as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design			\$15,000			\$15,000
Engineering/Architectural			\$150,000			\$150,000
Construction						
Other (specify)						
<b>Total</b>			<b>\$165,000</b>			<b>\$165,000</b>

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves			\$165,000			\$165,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>			<b>\$165,000</b>			<b>\$165,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-Central Ave ( Kavaney Dr to 5th St) Priority 17 of 42 1st Year: 2002

Description Replacement of 2200 ft of 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$16,500		\$16,500
Construction				\$165,000		\$165,000
Other (specify)						
<b>Total</b>				<b>\$181,500</b>		<b>\$181,500</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$181,500		\$181,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$181,500</b>		<b>\$181,500</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement-Capitol Ave ( 3rd to 5th St) Priority 18 of 42 1st Year: 2002

Description Replacement of 1200 ft of 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$9,000
Engineering/Architectural				\$90,000		\$90,000
Construction						
Other (specify)						
<b>Total</b>				\$99,000		\$99,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$99,000		\$99,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				\$99,000		\$99,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- Kavaney Dr (Capitol Ave to 3rd St) Priority 19 of 42 1st Year: 2009

Description Replacement of 2100 ft of 6 and 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$16,500
Engineering/Architectural				\$165,000		\$165,000
Construction						
Other (specify)						
<b>Total</b>				\$181,500		\$181,500
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$181,500		\$181,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				\$181,500		\$181,500

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WMM Replacement-Turnpike Ave ( Washington St to 4th St) | Priority 20 of 42 1st Year: 2009

Description Replacement of 1900 ft of 12 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$22,000		\$22,000
Construction				\$220,000		\$220,000
Other (specify)						
<b>Total</b>				<b>\$242,000</b>		<b>\$242,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$242,000		\$242,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
Slate Grant						
<b>Total</b>				<b>\$242,000</b>		<b>\$242,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement- Catherine Dr (Turnpike Ave to Central Av) Priority 21 of 42 1st Year: 2009

Description Replacement of 1600 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$13,000		\$13,000
Construction				\$130,000		\$130,000
Other (specify)						
<b>Total</b>				<b>\$143,000</b>		<b>\$143,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$143,000		\$143,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$143,000</b>		<b>\$143,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement-Shady Lane Priority 22 of 42 1st Year: 2009

Description Replacement of 860 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$7,000		\$7,000
Construction				\$70,000		\$70,000
Other (specify)						
<b>Total</b>				<b>\$77,000</b>		<b>\$77,000</b>

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves				\$77,000		\$77,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$77,000</b>		<b>\$77,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- N 2nd St (Capitol Ave to Central Av) Priority 23 of 42 1st Year: 2009  
 Description Replacement of 600 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$5,000		\$5,000
Construction				\$50,000		\$50,000
Other (specify)						
<b>Total</b>				\$55,000		\$55,000

**Project Funding:**

	2012	2013	2014	2015	2016	Total
<b>City</b>						
Enterprise Construction Reserves				\$55,000		\$55,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				\$55,000		\$55,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works	WM Replacement- N 3rd St (Turnpike Ave to Central Av)	Priority	24 of 42	1st Year: 2009		
Description Replacement of 1600 ft of 6 inch cast iron watermain as part of Hard Surface St Project						
Justification Replacement of cast iron watermain with history of excessive number of breaks						
Scheduling and Project Status						
Annual Impact on Income and Operating Costs						
<b>Project Costs:</b>	2012	2013	2014	2015	2016	Total
Planning & Preliminary Design						
Engineering/Architectural				\$13,000		\$13,000
Construction				\$130,000	\	\$130,000
Other (specify)						
<b>Total</b>				<b>\$143,000</b>		<b>\$143,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$143,000		\$143,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$143,000</b>		<b>\$143,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WM Replacement- N 5th St (Turnpike Ave to Capitol Av) | Priority 25 of 42 1st Year: 2009

Description Replacement of 840 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$7,000		\$7,000
Construction				\$70,000		\$70,000
Other (specify)						
<b>Total</b>				<b>\$77,000</b>		<b>\$77,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$77,000		\$77,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$77,000</b>		<b>\$77,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WMM Replacement- N 6th St (North Ave to Divide Av) | Priority 26 of 42 | 1st Year: 2009

Description Replacement of 2100 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$16,500
Engineering/Architectural Construction				\$165,000		\$165,000
Other (specify)						
<b>Total</b>				<b>\$181,500</b>		<b>\$181,500</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$181,500		\$181,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$181,500</b>		<b>\$181,500</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- N 7th St (Central Ave to Divide Av & Turnpike to Capitol Av) Priority 27 of 42 1st Year: 2009  
 Description Replacement of 1800 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$14,000		\$14,000
Construction				\$140,000		\$140,000
Other (specify)						
<b>Total</b>				<b>\$154,000</b>		<b>\$154,000</b>

**Project Funding:**

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves				\$154,000		\$154,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$154,000</b>		<b>\$154,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement- N 8th St (Capitol Ave to Divide Av) Priority 28 of 421 1st Year: 2009

Description Replacement of 1600 ft of 12 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$18,000
Engineering/Architectural Construction				\$180,000		\$180,000
Other (specify)						
<b>Total</b>				<b>\$198,000</b>		<b>\$198,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$198,000		\$198,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				<b>\$198,000</b>		<b>\$198,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-N 9th St Priority 29 of 42 1st Year: 2000

Description Replacement of 700 ft of 6 inch cast iron watermain (9th St from Owens to Central) as part of hard surfacing street project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural				\$5,500		\$5,500
Construction				\$55,000		\$55,000
Other (specify)						
<b>Total</b>				\$60,500		\$60,500
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves				\$60,500		\$60,500
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>				\$60,500		\$60,500

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement- N 15th St (South of Spaulding) Priority 30 of 42 1st Year: 2009

Description Replacement of 570 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$5,000	\$5,000
Construction					\$50,000	\$50,000
Other (specify)						
<b>Total</b>					\$55,000	\$55,000
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$55,000	\$55,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					\$55,000	\$55,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement-N 9th St Priority 31 of 42 1st Year: 2007

Description Replacement of 500 ft of 8 inch cast iron watermain. N 9th St from Ave E to Ave F

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$7,000	\$7,000
Construction					\$70,000	\$70,000
Other (specify)						
<b>Total</b>					<b>\$77,000</b>	<b>\$77,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$77,000	\$77,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$77,000</b>	<b>\$77,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- Mandan St (Boulevard to Ave E) & Ave E (Mandan - 1st) Priority 32 of 42 1st Year: 2009

Description Replacement of 920 ft of 8 & 12" cast iron watermain w/ 8" and addition of 350 feet of 8 inch main on Ave E as part of hard surfacing street project

Justification Replacement of cast iron watermain in poor condition and completion of loop for better redundancy of service.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$10,000	\$10,000
Construction					\$100,000	\$100,000
Other (specify)						
<b>Total</b>					<b>\$110,000</b>	<b>\$110,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$110,000	\$110,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$110,000</b>	<b>\$110,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement-Ave F Mandan to Washington St Priority 33 of 42 1st Year: 2007

Description Replacement of 175 ft of cast iron watermain in poor condition and completion of a loop to Washington St by adding 325 feet of 8 inch main.

Justification Replacement of cast iron watermain in poor condition and completion of loop for better redundancy of service.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$9,000
Engineering/Architectural						\$90,000
Construction						\$99,000
Other (specify)						
<b>Total</b>						<b>\$99,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$99,000	\$99,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					\$99,000	\$99,000

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement Sweet Ave (3rd St to 5th St) Priority 34 of 42 1st Year: 2009

Description Replacement of 750 ft of 8 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$7,000
Engineering/Architectural					\$70,000	\$70,000
Construction						
Other (specify)						
<b>Total</b>					<b>\$77,000</b>	<b>\$77,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves					\$77,000	\$77,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						

**Non-City**

Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$77,000</b>	<b>\$77,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works      WM Replacement Front Ave & 1st St (Washington St to 1st St/Front to Sweet)      Priority 35 of 42 1st Year: 2009

Description      Replacement of 800 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification      Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$7,000
Engineering/Architectural						\$70,000
Construction						\$77,000
Other (specify)						
<b>Total</b>						<b>\$77,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$77,000	\$77,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					\$77,000	<b>\$77,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- N 20th St (Laforest - Hanaford) Priority 36 of 42 1st Year: 2009

Description Replacement of 880 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$8,000	\$8,000
Construction					\$80,000	\$80,000
Other (specify)						
<b>Total</b>					<b>\$88,000</b>	<b>\$88,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$88,000	\$88,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$88,000</b>	<b>\$88,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WM Replacement- N 21st St (Laforest - Hanaford) Priority 37 of 42 1st Year: 2009

Description Replacement of 880 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$8,000	\$8,000
Construction					\$80,000	\$80,000
Other (specify)						
<b>Total</b>					<b>\$88,000</b>	<b>\$88,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$88,000	\$88,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$88,000</b>	<b>\$88,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement- N 22nd St (Laforest - Hanaford) Priority 38 of 42 1st Year: 2009

Description Replacement of 890 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$8,000
Engineering/Architectural						\$80,000
Construction						\$80,000
Other (specify)						
<b>Total</b>						<b>\$88,000</b>

**Project Funding:**

<b>City</b>						
Enterprise Construction Reserves						\$88,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>						<b>\$88,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement- Laforest Ave (20th - 22nd St) Priority 39 of 42 1st Year: 2009

Description Replacement of 600 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural					\$5,000	\$5,000
Construction					\$50,000	\$50,000
Other (specify)						
<b>Total</b>					<b>\$55,000</b>	<b>\$55,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$55,000	\$55,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$55,000</b>	<b>\$55,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works W/M Replacement- Hanaford Ave (20th - 22nd St) Priority 40 of 42 1st Year: 2009

Description Replacement of 560 ft of 6 inch cast iron watermain as part of Hard Surface St Project

Justification Replacement of cast iron watermain with history of excessive number of breaks

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$5,000
Engineering/Architectural						\$50,000
Construction						\$50,000
Other (specify)						
<b>Total</b>						<b>\$55,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$55,000	\$55,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					\$55,000	<b>\$55,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works WMM Replacement-Valley View Ave Hard Surface St area Priority 41 of 42 1st Year: 2009

Description 3700 ft. of watermain replacement. Valley View Ave, 28th St and Ave D, E and F as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design					\$29,000	\$29,000
Engineering/Architectural					\$290,000	\$290,000
Construction						
Other (specify)						
<b>Total</b>					<b>\$319,000</b>	<b>\$319,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$319,000	\$319,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$319,000</b>	<b>\$319,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works | WM Replacement-27th St. Gary & Ave B Hard Surface St area | Priority 42 of 42 | 1st Year: 2009  
 Description 2300 ft of watermain replacement. Gary Ave, 27th St and Ave B as part of Hard Surface St Project

Justification Replacement of cast iron watermain in poor condition

Scheduling and Project Status

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design					\$19,000	\$19,000
Engineering/Architectural					\$190,000	\$190,000
Construction						
Other (specify)						
<b>Total</b>					<b>\$209,000</b>	<b>\$209,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves					\$209,000	\$209,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>					<b>\$209,000</b>	<b>\$209,000</b>

**CAPITAL IMPROVEMENT PROGRAM (2012-2016)**  
**UTILITY OPERATIONS - WATER TREATMENT PLANT**

Requested Project	Rank	Cost to be Funded	Funding		Projected Costs Per Year				
			Source	%	2012	2013	2014	2015	2016
New Intake Phase 2 (SRF Loan)	1	8,050,000	State Revolving Fd	100	6,650,000	1,400,000	-	-	-
Softening Expansion Phase 1	2	13,780,000	Water Utility	100	950,000	8,895,000	3,935,000	-	-
CT Basin/West End Reservoir	3	11,253,000	Water Utility	100	-	1,000,000	4,015,000	6,238,000	-
<b>TOTAL</b>		<b>33,083,000</b>			<b>7,600,000</b>	<b>11,295,000</b>	<b>7,950,000</b>	<b>6,238,000</b>	<b>-</b>
<b>NON-CITY FUNDING</b>		<b>-</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL CITY FUNDING</b>		<b>33,083,000</b>			<b>7,600,000</b>	<b>11,295,000</b>	<b>7,950,000</b>	<b>6,238,000</b>	<b>-</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works- Utility Operations      Water Plant - New Intake Phase 2 & 3      Priority 1 of 3 1st Year: 2000

Description      Construction of new raw water intake pump station and pipeline

Justification      The existing intake limits plant capacity and results in operation and maintenance problems due to the amount of sediment brought into the plant.

Scheduling and Project Status      Siting & design in 2008-9, construction in 2010-12. Delayed due to flood conditions.

### Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						\$950,000
Engineering/Architectural	\$750,000	\$200,000				\$950,000
Construction	\$5,900,000	\$1,200,000				\$7,100,000
Other (specify)						
<b>Total</b>	<b>\$6,650,000</b>	<b>\$1,400,000</b>				<b>\$8,050,000</b>

### Project Funding:

City	2012	2013	2014	2015	2016	Total
Enterprise Construction Reserves						
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Revolving Fund Loan	\$6,650,000	\$1,400,000				\$8,050,000
<b>Total</b>	<b>\$6,650,000</b>	<b>\$1,400,000</b>				<b>\$8,050,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works- Utility Operations      Water Plant- Softening Expansion Phase 1      Priority 2 of 31st Year: 2003

Description      Construction of new 12 MGD softening basin and support facilities to increase softening capacity to 30 MGD. Includes improvements to recarbonation basin and additional plate & frame press

Justification      Required to maintain hardness levels at customer expectations as plant production increases in the future.

Scheduling and Project Status      Design in 2012, Construction in 2013-4

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural	\$950,000	\$695,000	\$335,000			\$1,980,000
Construction		\$8,200,000	\$3,600,000			\$11,800,000
Other (specify)						
<b>Total</b>	<b>\$950,000</b>	<b>\$8,895,000</b>	<b>\$3,935,000</b>			<b>\$13,780,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves	\$950,000		\$3,935,000			\$13,780,000
Motel/Liquor/Restaurant		\$8,895,000				
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>	<b>\$950,000</b>	<b>\$8,895,000</b>	<b>\$3,935,000</b>			<b>\$13,780,000</b>

## City of Bismarck Capital Improvement Project 2012 - 2016

Public Works- Utility Operations      Water Plant - CT Basin/ West end reservoir      Priority      3      of      3      1st Year: 2000

Description      Construction of a new finished water storage reservoir and pumping station

Justification      This will allow the city to meet disinfection requirements (contact time) and reservoir will serve as clear well for plant allowing the plant to operate more independently of the distribution system.

Scheduling and Project Status      Design in 2013 with 2014-15 construction.

Annual Impact on Income and Operating Costs

	2012	2013	2014	2015	2016	Total
<b>Project Costs:</b>						
Planning & Preliminary Design						
Engineering/Architectural		\$1,000,000	\$335,000	\$438,000		\$1,773,000
Construction			\$3,680,000	\$5,800,000		\$9,480,000
Other (specify)						
<b>Total</b>		<b>\$1,000,000</b>	<b>\$4,015,000</b>	<b>\$6,238,000</b>		<b>\$11,253,000</b>
<b>Project Funding:</b>						
<b>City</b>						
Enterprise Construction Reserves		\$1,000,000	\$4,015,000	\$6,238,000		\$11,253,000
Motel/Liquor/Restaurant						
Building Construction						
Sales Tax Fund						
Special Assessment Bonds						
Other (specify)						
<b>Non-City</b>						
Private/Donations						
Federal Grant						
State Grant						
<b>Total</b>		<b>\$1,000,000</b>	<b>\$4,015,000</b>	<b>\$6,238,000</b>		<b>\$11,253,000</b>