

CITY OF BISMARCK  
BUDGET SUPPLEMENT  
2017

Fees and Charges

Capital Improvement Program  
2017-2021

**CITY OF BISMARCK, NORTH DAKOTA  
2017 BUDGET SUPPLEMENT  
TABLE OF CONTENTS**

**DEPARTMENTAL FEES AND CHARGES**

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**GENERAL FUND**

|                                       |       |
|---------------------------------------|-------|
| ADMINISTRATION.....                   | 1     |
| COMBINED COMMUNICATIONS CENTER.....   | 2     |
| COMMUNITY DEVELOPMENT DEPARTMENT..... | 3-4   |
| ENGINEERING.....                      | 5-6   |
| FINANCE.....                          | 7     |
| FIRE DEPARTMENT.....                  | 8     |
| MUNICIPAL COURT.....                  | 9-13  |
| POLICE DEPARTMENT.....                | 14-15 |
| PUBLIC HEALTH.....                    | 16-18 |

**ENTERPRISE FUNDS**

---

|                                       |       |
|---------------------------------------|-------|
| AIRPORT.....                          | 19-20 |
| EVENT CENTER.....                     | 21-24 |
| BELLE MEHUS.....                      | 25    |
| PUBLIC WORKS- SERVICE OPERATIONS..... | 26-29 |
| PUBLIC WORKS- UTILITY OPERATIONS..... | 30-31 |

**CAPITAL IMPROVEMENTS**

---

|  |         |
|--|---------|
| FUND SOURCE SUMMARY.....                                   | 32      |
| DEPARTMENT COSTS BY YEAR.....                              | 33-34   |
| <b>CAPITAL IMPROVEMENTS BY DEPARTMENT:</b>                 |         |
| ADMINISTRATION.....  | 35-36   |
| AIRPORT.....   | 37-70   |
| EVENT CENTER.....  | 71-84   |
| FIRE.....  | 85-89   |
| LIBRARY.....   | 90-93   |
| POLICE.....  | 94-98   |
| PUBLIC HEALTH.....   | 99-102  |
| PUBLIC WORKS- BUILDING MAINTENANCE.....                    | 103-107 |
| PUBLIC WORKS- SOLID WASTE UTILITY.....                     | 108-111 |
| PUBLIC WORKS- STREET LIGHTS & TRAFFIC SIGNALS UTILITY..... | 112-118 |
| PUBLIC WORKS- ROADS & STREETS.....                         | 119-120 |
| PUBLIC WORKS- STREETS & HIGHWAYS.....                      | 121-134 |
| PW- WATER & SEWER UTILITY- SANITARY SEWER.....             | 135-139 |
| PW- WATER ADMINISTRATION.....                              | 140-143 |
| PW- STORM SEWER.....                                       | 144-147 |
| PW- WASTEWATER TREATMENT PLANT.....                        | 148-150 |
| PW- WATER DISTRIBUTION.....                                | 151-156 |
| PW- WATER TREATMENT PLANT.....                             | 157-160 |

# **Fees & Charges**

## **Section 1**

DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Administration       |   |          |   |
|----------------------------------|---|----------|---|
|                                  | FEES AND CHARGES                          |          |   |
|                                  | 2016                                      | Proposed |   |
|                                  | Current                                   | Revised  | 2017                                      |
| Service                          | Base Fee                                  | Charge   | Fee                                       |
| Liquor license:                  |   |          |   |
| Late                             | 50.00                                     |          | 50.00                                     |
| Class A                          | 2,940.00 annual 580.00 sunday on/off sale |          | 2,940.00 annual 580.00 sunday on/off sale |
| Class A-2                        | 336.00 annual 67.20 sunday on/off sale    |          | 336.00 annual 67.20 sunday on/off sale    |
| Class B                          | 525.00 annual 105.00 sunday on/off sale   |          | 525.00 annual 105.00 sunday on/off sale   |
| Class C                          | 3,045.00 annual 609.00 sunday on/off sale |          | 3,045.00 annual 609.00 sunday on/off sale |
| Class C-2                        | 787.50 annual 157.50 sunday on/off sale   |          | 787.50 annual 157.50 sunday on/off sale   |
| Class D                          | 3,255.00 annual 651.00 sunday on/off sale |          | 3,255.00 annual 651.00 sunday on/off sale |
| Class E                          | 630.00 annual 126.00 sunday on/off sale   |          | 630.00 annual 126.00 sunday on/off sale   |
| Class F-1                        | 2,835.00 annual 567.00 sunday on/off sale |          | 2,835.00 annual 567.00 sunday on/off sale |
| Class F-2                        | 1,207.50 annual 241.50 sunday on/off sale |          | 1,207.50 annual 241.50 sunday on/off sale |
| Class F-3                        | 682.50 annual 136.50 sunday on/off sale   |          | 682.50 annual 136.50 sunday on/off sale   |
| Class G                          | 577.50 annual 115.50 sunday on/off sale   |          | 577.50 annual 115.50 sunday on/off sale   |
| Class H                          | 567.00 annual 113.40 sunday on/off sale   |          | 567.00 annual 113.40 sunday on/off sale   |
| Class I-1                        | 2,730.00 annual 546.00 sunday on/off sale |          | 2,730.00 annual 546.00 sunday on/off sale |
| Class I-2                        | 1,155.00 annual 231.00 sunday on/off sale |          | 1,155.00 annual 231.00 sunday on/off sale |
| Class I-3                        | 630.00 annual 126.00 sunday on/off sale   |          | 630.00 annual 126.00 sunday on/off sale   |
| Class J                          | 63.00 annual                              |          | 63.00 annual                              |
| Class K                          | 525.00 annual 105.00 sunday on/off sale   |          | 525.00 annual 105.00 sunday on/off sale   |
| Class L                          | 278.25 annual 55.65 sunday on/off sale    |          | 278.25 annual 55.65 sunday on/off sale    |
| Class M                          | 525.00 annual 105.00 sunday on/off sale   |          | 525.00 annual 105.00 sunday on/off sale   |
| Class N                          | 630.00 annual 126.00 sunday on/off sale   |          | 630.00 annual 126.00 sunday on/off sale   |
| Class O                          | 630.00 annual 126.00 sunday on/off sale   |          | 630.00 annual 126.00 sunday on/off sale   |
| Class P                          | 525.00 annual 105.00 sunday on/off sale   |          | 525.00 annual 105.00 sunday on/off sale   |
| Class Q                          | 3,000.00 annual 600.00 sunday on/off sale |          | 3,000.00 annual 600.00 sunday on/off sale |
| Special event permit - 1 day     | 30.00                                     |          | 30.00                                     |
| Special event permit - 2 days    | 60.00                                     |          | 60.00                                     |
| Special event permit - 3 days    | 90.00                                     |          | 90.00                                     |
| Special event permit - 4-14 days | 120.00                                    |          | 120.00                                    |
| Special event permit - sunday    | 45.00                                     |          | 45.00                                     |
| Special event permit late fee    | 30.00                                     |          | 30.00                                     |
| Site authorization               | 100.00                                    |          | 100.00                                    |
| Pawnbroker                       | 75.00                                     |          | 75.00                                     |
| Junk dealer                      | 50.00                                     |          | 50.00                                     |
| Second hand dealer               | 25.00                                     |          | 25.00                                     |
| Door-to-door sales permit        | 200.00 application fee                    |          | 200.00 application fee                    |
|                                  | 40.00 per person                          |          | 40.00 per person                          |
| Raffle ticket permit             | 25.00                                     |          | 25.00                                     |
| Taxi company license:            |   |          |   |
| Application fee                  | 100.00                                    |          | 100.00                                    |
| New vehicles                     | 25.00                                     |          | 25.00                                     |
| Renewal vehicles                 | 25.00                                     |          | 25.00                                     |
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DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Community Development Department |   |          |   |
|--|---|----------|---|
| Service                                      | FEES AND CHARGES                              |          |   |
|  | 2016  | Proposed | 2017  |
|  | Current                                       | Revised  |   |
| Base Fee                                     | Change  | 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<br>1.85 ea add'l 100            |          | 40.00 1st 500<br>1.85 ea add'l 100            |
| \$2001 to 25,000                             | 67.75 1st 2,000<br>8.40 ea add'l 1,000        |          | 67.75 1st 2,000<br>8.40 ea add'l 1,000        |
| \$25,001 to 50,000                           | 260.95 - 25,000<br>6.10 ea add'l 1,000        |          | 260.95 - 25,000<br>6.10 ea add'l 1,000        |
| \$50,001 to 100,000                          | 413.45 - 50,000<br>4.20 ea add'l 1,000        |          | 413.45 - 50,000<br>4.20 ea add'l 1,000        |
| \$100,001 to 500,000                         | 623.45-100,000<br>3.40 ea add'l 1,000         |          | 623.45-100,000<br>3.40 ea add'l 1,000         |
| \$500,001 to 1,000,000                       | 1983.45-500,000<br>2.85 ea add'l 1,000        |          | 1983.45-500,000<br>2.85 ea add'l 1,000        |
| \$1,000,000 and up                           | 3408.45-1 mill<br>2.20 ea add'l 1,000         |          | 3408.45-1 mill<br>2.20 ea add'l 1,000         |
| Demolition permit                            | 75.00   |          | 75.00   |
| Structural assessment inspection fee         | 50.00   |          | 50.00   |
| Structural assessment re-inspection fee      | 50.00   |          | 50.00   |
| Moving permit                                | 50.00 250/500 liability<br>500.00 performance |          | 50.00 250/500 liability<br>500.00 performance |
| Temporary use/structure permit               | 50.00   |          | 50.00   |
| 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<br>1.65 per 1,000             |          | 40.00 1st 2,000<br>1.65 per 1,000             |
| \$20,001 - 100,000                           | 69.70 1st 20,000<br>1.10 per 1,000            |          | 69.70 1st 20,000<br>1.10 per 1,000            |
| \$100,001 +                                  | 157.70 1st 100,000<br>0.60 per 1,000          |          | 157.70 1st 100,000<br>0.60 per 1,000          |
| <b>Plumbing permits:</b>                     |   |          |   |
| <b>Residence/apartment/s new constr:</b>     |   |          |   |
| \$1 to 20,000                                | 40.00 1st 2,000<br>plus 1.65 for ea 1,000     |          | 40.00 1st 2,000<br>plus 1.65 for ea 1,000     |
| \$20,001 - 100,000                           | 69.70 1st 20,000<br>plus 1.10 for ea 1,000    |          | 69.70 1st 20,000<br>plus 1.10 for ea 1,000    |
| \$100,001 +                                  | 157.70 1st 100,000<br>plus 0.60 for ea 1,000  |          | 157.70 1st 100,000<br>plus 0.60 for ea 1,000  |
| <b>Commercial:</b>                           |   |          |   |
| \$1 - 20,000                                 | 40.00 1st 2,000<br>1.65 for ea 1,000          |          | 40.00 1st 2,000<br>1.65 for ea 1,000          |
| \$20,001 - 100,000                           | 69.70 1st 20,000<br>1.10 for ea 1,000         |          | 69.70 1st 20,000<br>1.10 for ea 1,000         |
| \$100,001 - +                                | 157.70 1st 100,000<br>0.60 for ea 1,000       |          | 157.70 1st 100,000<br>0.60 for ea 1,000       |
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## DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Community Development Department (Continued)</b> |                         |          |          |
|---|-------------------------|----------|----------|
|   | <b>FEES AND CHARGES</b> |          |          |
|   | 2016                    | Proposed |          |
|   | Current                 | Revised  | 2017     |
| Service   | Base Fee                | Change   | Fee      |
| Home business occupation  | 25.00                   |          | 25.00    |
| Manufactured homes  | 150.00                  |          | 150.00   |
| Administrative fee  | 125.00                  |          | 125.00   |
| Non-structural permit   | 125.00                  |          | 125.00   |
| Mechanical/fuel gas licensing program                           |                         |          |          |
| Class A application fee   | 35.00                   | 0.00     | 0.00     |
| Class A annual fee  | 125.00                  |          | 125.00   |
| Class B application fee   | 35.00                   | 0.00     | 0.00     |
| Class B annual fee  | 75.00                   |          | 75.00    |
| Class C application fee   | 15.00                   | 0.00     | 0.00     |
| Class C annual fee  | 35.00                   |          | 35.00    |
| Administrative fee  | 125.00                  | 0.00     | 0.00     |
| Year of exemption fee   | 125.00                  | 0.00     | 0.00     |
| Exam fee  | New                     | 125.00   | 125.00   |
|   |                         |          |          |
| Planning Division:  |                         |          |          |
| Application Fees:   |                         |          |          |
| Major plat  | 1,100.00                | 0.00     | 0.00     |
| Major plat resubmittal fee                                      | 50.00                   | 0.00     | 0.00     |
| Preliminary major plat  | New                     | 475.00   | 475.00   |
| Preliminary major plat resubmittal fee                          | New                     | 50.00    | 50.00    |
| Final major plat  | New                     | 850.00   | 850.00   |
| Final major plat resubmittal fee                                | New                     | 50.00    | 50.00    |
| Minor plat  | 800.00                  | 100.00   | 900.00   |
| Minor plat resubmittal fee                                      | 50.00                   |          | 50.00    |
| Plat vacation   | 700.00                  | 100.00   | 800.00   |
| Zoning change   | 700.00                  | 125.00   | 825.00   |
| Zoning change - PUD   | 900.00                  | 100.00   | 1,000.00 |
| PUD amendment   | 700.00                  | 75.00    | 775.00   |
| Annexation  | 350.00                  |          | 350.00   |
| Special use   | 400.00                  | 100.00   | 500.00   |
| Rural lot splits  | 350.00                  | 150.00   | 500.00   |
| FARMP amendment w/o plat  | 700.00                  | 150.00   | 850.00   |
| LUP amendment w/o zoning change                                 | 700.00                  | 150.00   | 850.00   |
| Vacation - ROW  | 300.00                  | 100.00   | 400.00   |
| Vacation - non-access lines                                     | 200.00                  | 75.00    | 275.00   |
| Release - easements   | 200.00                  | 75.00    | 275.00   |
| Lot modification  | 50.00                   | 50.00    | 100.00   |
| Downtown design review w/o RZA/CORE                             | 100.00                  |          | 100.00   |
| Renaissance zone project  | 100.00                  |          | 100.00   |
| CORE project  | 100.00                  |          | 100.00   |
| Site plan review  | 75.00                   | 50.00    | 125.00   |
| Site plan review - landscape plan                               | 75.00                   |          | 75.00    |
| Site plan review resubmittal fee                                | 50.00                   |          | 50.00    |
| Variances   | 275.00                  | 75.00    | 350.00   |
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DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Engineering</b>                             |   |                                    |   |
|--|---|------------------------------------|---|
|  | <b>FEES AND CHARGES</b>                                 |                                    |   |
|  | 2016  | Proposed                           |   |
|  | Current   | Revised                            | 2017  |
| Service  | Base Fee  | Change                             | Fee   |
| 24" X 36" paper copy                                       | 10.00   |                                    | 10.00   |
| 24" X 36" mylar copy                                       | 10.00   |                                    | 10.00   |
| 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  | 0.10 pp after 10 pages                                  |                                    | 0.10 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 + 10%                                      |
| Project plans & specifications                             |   |                                    |   |
| *11x17 sheet set, graduated scale                          | New   | 100.00                             | 100.00  |
| 1 to 5 sheets  | 25.00   | 0.00                               | 0.00  |
| 6 to 15 sheets   | 30.00   | 0.00                               | 0.00  |
| 16 to 25 sheets  | 35.00   | 0.00                               | 0.00  |
| 26 to 40 sheets  | 40.00   | 0.00                               | 0.00  |
| 41 to 55 sheets  | 45.00   | 0.00                               | 0.00  |
| 56 to 70 sheets  | 50.00   | 0.00                               | 0.00  |
| 70+ sheets   | 60.00 + 0.50 per sheet                                  | 0.00                               | 0.00  |
|  | above 70  |                                    |   |
| *24X36 sheet set, graduated scale                          | New   | 150.00                             | 150.00  |
| 1 to 5 sheets  | 25.00   | 0.00                               | 0.00  |
| 6 to 15 sheets   | 35.00   | 0.00                               | 0.00  |
| 16 to 25 sheets  | 40.00   | 0.00                               | 0.00  |
| 26 to 40 sheets  | 50.00   | 0.00                               | 0.00  |
| 41 to 55 sheets  | 60.00   | 0.00                               | 0.00  |
| 56 to 70 sheets  | 70.00   | 0.00                               | 0.00  |
| 70+ sheets   | 75.00 + 1.00 per sheet                                  | 0.00                               | 0.00  |
|  | above 70  |                                    |   |
| City specification manual                                  | 65.00 ea  |                                    | 65.00 ea  |
| Project spec book  | 65.00 ea  | 0.00, included in project plan fee | 0.00, included in plan fee                              |
| CD copy of spec book                                       | 5.00  | 5.00                               | 10.00   |
| Concrete permit  | 11% construction cost, includes random concrete testing |                                    | 11% construction cost, includes random concrete testing |
| Excavation permit: traffic control fees may apply (verify) |   |                                    |   |
| New  | 135.00, includes random testing                         |                                    | 135.00, includes random testing                         |
| Stub out   | 135.00, includes random testing                         |                                    | 135.00, includes random testing                         |
| Completion   | 135.00, includes random testing                         |                                    | 135.00, includes random testing                         |
| Fire line flush  | 55.00 ea  |                                    | 55.00 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  | 25.00 block (min 100.00)                                |                                    | 25.00 block (min 100.00)                                |
| Local Street - traffic control fee                         |   |                                    |   |
| Partial/no detour  | 50.00   |                                    | 50.00   |
| Full closure w/o detour                                    | 100.00  |                                    | 100.00  |
| Full closure w/detour                                      | 150.00  |                                    | 150.00  |
| Collector street - partial/no detour                       | 50.00   |                                    | 50.00   |
| Full closure w/o detour                                    | 100.00  |                                    | 100.00  |
| Full closure w/detour                                      | 150.00  |                                    | 150.00  |
| Minor arterial - partial/no detour                         | 100.00  |                                    | 100.00  |
| Full closure w/o detour                                    | 150.00  |                                    | 150.00  |
| Full closure w/detour                                      | 500.00  |                                    | 500.00  |
| Principal arterial - traffic control fee                   | 300.00 + large projects                                 |                                    | 300.00 + large projects                                 |
| Partial/no detour  | 500.00  |                                    | 500.00  |
| Full closure w/o detour                                    | 1,500.00  |                                    | 1,500.00  |
| Full closure w/detour                                      | 3,000.00  |                                    | 3,000.00  |









DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Municipal Court</b>         |                         |          |       |
|--|-------------------------|----------|-------|
|  | <b>FEES AND CHARGES</b> |          |       |
|  | 2016                    | Proposed |       |
|  | Current                 | Revised  | 2017  |
| Service                                    | Base Fee                | Change   | 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 |
| 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 |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Municipal Court (Continued)</b> |                     |                   |        |
|--|---------------------|-------------------|--------|
| Service  | FEES AND CHARGES    |                   |        |
|  | 2016                | Proposed          | 2017   |
|  | Current<br>Base Fee | Revised<br>Change |        |
| 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  |
| 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 |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Municipal Court (Continued)</b>    |                     |                   |        |
|---|---------------------|-------------------|--------|
| Service   | FEES AND CHARGES    |                   |        |
|   | 2016                | Proposed          | 2017   |
|   | Current<br>Base Fee | Revised<br>Change |        |
| 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  |
| Use of wireless communications device prohibited  | 100.00              |                   | 100.00 |
| Use of electronic comm device by minor prohibited | 20.00               |                   | 20.00  |
| 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  |



DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Municipal Court (Continued)</b>     |                         |          |                       |
|--|-------------------------|----------|-----------------------|
|  | <b>FEES AND CHARGES</b> |          |                       |
|  | 2016                    | Proposed |                       |
|  | Current                 | Revised  | 2017                  |
| Service  | Base Fee                | Change   | Fee                   |
| Parking Citations:                                 |                         |          |                       |
| 10 minute zone                                     | 15.00                   |          | 15.00                 |
| 30 minute zone (1st offense)                       | 15.00                   |          | 15.00                 |
| 30 minute zone (2nd offense)                       | 25.00                   |          | 25.00                 |
| 30 minute zone (3rd offense)                       | 35.00                   |          | 35.00                 |
| 30 minute zone (4th offense)                       | 45.00                   |          | 45.00                 |
| 30 minute zone (5th offense)                       | 55.00                   |          | 55.00                 |
| 60 minute zone (1st offense)                       | 15.00                   |          | 15.00                 |
| 60 minute zone (2nd offense)                       | 25.00                   |          | 25.00                 |
| 60 minute zone (3rd offense)                       | 35.00                   |          | 35.00                 |
| 60 minute zone (4th offense)                       | 45.00                   |          | 45.00                 |
| 60 minute zone (5th offense)                       | 55.00                   |          | 55.00                 |
| 90 minute zone (1st offense)                       | 15.00                   |          | 15.00                 |
| 90 minute zone (2nd offense)                       | 25.00                   |          | 25.00                 |
| 90 minute zone (3rd offense)                       | 35.00                   |          | 35.00                 |
| 90 minute zone (4th offense)                       | 45.00                   |          | 45.00                 |
| 90 minute zone (5th offense)                       | 55.00                   |          | 55.00                 |
| 2 hour zone (1st offense)                          | 15.00                   |          | 15.00                 |
| 2 hour zone (2nd offense)                          | 25.00                   |          | 25.00                 |
| 2 hour zone (3rd offense)                          | 35.00                   |          | 35.00                 |
| 2 hour zone (4th offense)                          | 45.00                   |          | 45.00                 |
| 2 hour zone (5th offense)                          | 55.00                   |          | 55.00                 |
| 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                  |
| Airport mobility impaired loading & unloading zone | 100.00                  |          | 100.00                |
| Record search                                      | 1.00 per page or 5.00   |          | 1.00 per page or 5.00 |
|  | certified copy          |          | certified copy        |
| NSF check charge                                   | 25.00                   |          | 25.00                 |
| Criminal citations                                 | 0-1,500.00              |          | 0-1,500.00            |
|  |                         |          |                       |
|  |                         |          |                       |
|  |                         |          |                       |



DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Police Department</b>           |  |          |   |
|--|--|----------|---|
|  | <b>FEES AND CHARGES</b>  |          |   |
|  | 2016   | Proposed |   |
|  | Current  | Revised  | 2017  |
| Service  | Base Fee   | Change   | Fee   |
| Vehicle impound - towing                       | 30.00  |          | 30.00   |
| Vehicle storage                                | 10.00 per day  |          | 10.00 per day   |
| Criminal report                                | 0.25 pp after 10 pgs + postage.<br>After the first hour a fee of 25.00/hr<br>to locate records and a separate fee<br>of 25.00/hr for redacting the<br>records. 5.00 for photo CD |          | 0.25 pp after 10 pgs + postage.<br>After the first hour a fee of<br>25.00/hr to locate records and a<br>separate fee of 25.00/hr for<br>redacting the records. 5.00 for<br>photo CD |
| Fingerprinting                                 | 10.00/1-2 cards  |          | 10.00/1-2 cards   |
|  | 15.00/3 or more cards  |          | 15.00/3 or more cards   |
| Accident reports                               | 2.00 officer report, 5.00 for officer's<br>narrative, 7.00 for both, 5.00 for<br>photo CD  |          | 2.00 officer report, 5.00 for<br>officer's narrative, 7.00 for both,<br>5.00 for photo CD   |
| Gaming permit:                                 |  |          |   |
| New  | 25.00/3 years  |          | 25.00/3 years   |
| Renewal  | 20.00/3 years  |          | 20.00/3 years   |
| Duplicate                                      | 10.00  |          | 10.00   |
| Change organization                            | 10.00  |          | 10.00   |
| Raffle permit                                  | 25.00  |          | 25.00   |
| Alarms:  |  |          |   |
| 1-3 responses/yr                               | 15.00 ea   |          | 15.00 ea  |
| 4-6 responses/yr                               | 25.00 ea   |          | 25.00 ea  |
| 7-12 responses/yr                              | 50.00 ea   |          | 50.00 ea  |
| 12+ responses/yr                               | 75.00 ea   |          | 75.00 ea  |
| Taxi drivers license:                          |  |          |   |
| Application fee                                | 15.00  |          | 15.00   |
| New  | 45.00 yr   |          | 45.00 yr  |
| Renewal  | 30.00 yr   |          | 30.00 yr  |
| Impounds:                                      |  |          |   |
| Animal impoundment other<br>than dogs and cats | 35.00 imp fee/ 20.00 board fee   |          | 35.00 imp fee/ 20.00 board fee  |
| Dog impoundment-unlicensed                     | 35.00 imp fee/ 20.00 board fee   |          | 35.00 imp fee/20.00 board fee   |
| Dogs under 6 mo/licensed                       | 15.00 imp fee/20.00 board fee  |          | 15.00 imp fee/ 20.00 board fee  |
| Cat impoundment                                |  |          |   |
| Cats under 6 mo/licensed cats                  | 15.00 imp fee/ 15.00 board fee   |          | 15.00 imp fee/ 20.00 board fee  |
| Cats over 6 mo/not licensed                    | 15.00 imp fee/ 15.00 board fee   |          | 15.00 imp fee/ 20.00 board fee  |
| Public dance:                                  |  |          |   |
| One dance                                      | 10.00 filing fee   |          | 10.00 filing fee  |
|  | 43.00/officer/hr   |          | 43.00/officer/hr  |
| Annual   | 100.00 filing fee  |          | 100.00 filing fee   |
| MIP & marijuana class fees                     | 50.00/ person  |          | 50.00/ person   |
| Shoplifting kit fees                           | 40.00/kit  |          | 40.00/kit   |
| Drug testing youth fees                        | 10.00  |          | 10.00   |
| Drug testing youth fees                        | 5.00   |          | 5.00  |
| Power source fee                               | 25.00/person   |          | 25.00/person  |
| Contract policing                              | OT rate/officer/43.00 per hr   |          | OT rate/officer/43.00 per hr  |
| Park policing                                  | 14,000 yearly  |          | 14,000 yearly   |
|  |  |          |   |
|  |  |          |   |
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DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Health</b>                                       |   |                               |   |
|--|---|-------------------------------|---|
|  | <b>FEES AND CHARGES</b>                                       |                               |   |
|  | 2016<br>Current<br>Base Fee                                   | Proposed<br>Revised<br>Change | 2017<br>Fee   |
| <b>Health services/office visits:</b>                                  |   |                               |   |
| Nursing assessment/med fill per unit<br>(1 unit = 15 minutes)          | 16.00   |                               | 16.00   |
| Blood collection - venous  | 5.00  |                               | 5.00  |
| Blood collection - capillary   | 11.00   |                               | 11.00   |
| Cholesterol screening fee<br>(includes capillary blood collection)     | 28.00   |                               | 28.00   |
| Dressing change - 1 unit   | 16.00   |                               | 16.00   |
| Ear exam - 1 unit  | 16.00   |                               | 16.00   |
| Ear wash - impacted wax<br>instrument removal unilateral (one ear)     | 70.00   |                               | 70.00   |
| Ear wash - impacted wax<br>instrument removal bilateral (both ears)    | 70.00   | 35.00                         | 105.00  |
| Ear wash - impacted wax<br>irrigation removal unilateral (one ear)     | New   | 20.00                         | 20.00   |
| Ear wash - impacted wax<br>irrigation removal bilateral (both ears)    | New   | 30.00                         | 30.00   |
| Blood glucose screening fee<br>(includes capillary blood collection)   | 16.00   |                               | 16.00   |
| Head lice screening - 1 unit   | 16.00   |                               | 16.00   |
| Hearing screening - 1 unit   | 16.00   |                               | 16.00   |
| Hemoglobin screening<br>(includes capillary blood collection)          | 15.00   |                               | 15.00   |
| Injections   | 38.00   | 2.00                          | 40.00   |
| Foot care/assessment fee   | 35.00   |                               | 35.00   |
| Protime fee (includes capillary blood collection)                      | 17.00   |                               | 17.00   |
| Pulse oximetry fee   | 5.00  |                               | 5.00  |
| Suture removal - 1 unit  | 16.00   |                               | 16.00   |
| STD screening fee  | 15.00   |                               | 15.00   |
| Tuberculin (TB) test (skin test)                                       | 10.00   |                               | 10.00   |
| QuantiFERON-TB gold (blood test)<br>(includes venous blood collection) | New   | 25.00                         | 25.00   |
| Urinalysis (includes nursing assessment)                               | 20.00   |                               | 20.00   |
| Vision screening - 1 unit  | 16.00   |                               | 16.00   |
| Lead screening   | 32.00   |                               | 32.00   |
| <b>Immunizations:</b>  |   |                               |   |
| Flu shots  | 35.00   |                               | 35.00   |
| Flu mist   | 40.00   |                               | 40.00   |
| Flu shots high dose  | 45.00   |                               | 45.00   |
| VFC vaccine administration   | 20.00   |                               | 20.00   |
| Private vaccine  | Cost of vaccine +<br>administration cost of 28.00             | 2.00                          | Cost of vaccine +<br>administration cost of 30.00             |
|  | for 1st shot, 20.00 for each<br>additional shot at same appt. |                               | for 1st shot, 20.00 for each<br>additional shot at same appt. |
| <b>Dietetic Services:</b>  |   |                               |   |
| Nutrition services-initial   | 51.00   |                               | 51.00   |
| Nutrition services-reassessment  | 44.00   |                               | 44.00   |
| Nutrition services-group therapy                                       | 24.00   |                               | 24.00   |
| Worksite wellness (includes time & materials)                          | 50.00   |                               | 50.00   |
| <b>Health Tracks:</b>  |   |                               |   |
| Health tracks screening  | 125.01  |                               | 125.01  |
| Denver pediatric screening   | 12.22   | 2.07                          | 14.29   |
| Edinburgh post-natal depression screening/PHQ-9                        | 15.93   | 0.48                          | 16.41   |

DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Public Health (Continued)  |                             |  |  |
|--|-----------------------------|--|--|
| Service  | FEES AND CHARGES            |  |  |
|  | 2016                        | Proposed                               | 2017   |
|  | Current Base Fee            | Revised Change                         |  |
| Fluoride varnish   | 25.82                       |  | 25.82  |
| Behavioral assessment  | 8.00                        |  | 8.00   |
| Environmental Health Division Food Service:  |                             |  |  |
| Food establishment - Level 1   | New                         | Fee charge by risk level & sq. footage | Less than 5,000sq ft= 150.00<br>5,000 to 10,000sq ft= 175.00<br>More than 10,000sq ft= 200.00                                  |
| Food establishment - Level 2   | New                         | Fee charge by risk level & sq. footage | Less than 5,000sq ft= 250.00<br>5,000 to 10,000sq ft= 275.00<br>More than 10,000sq ft= 300.00                                  |
| Food establishment - Level 3   | New                         | Fee charge by risk level & sq. footage | Less than 5,000sq ft= 350.00<br>5,000 to 10,000sq ft= 375.00<br>10,001 to 20,000sq ft= 400.00<br>More than 20,000sq ft= 500.00 |
| Institutions - Type 1 (schools, childcare facilities, churches, fraternal clubs, non-profit organizations) | New                         | 150.00                                 | 150.00   |
| Institutions - Type 2 (Hospitals, assisted living/nursing homes)   | New                         | 250.00                                 | 250.00   |
| Public (food establishment/restaurants)  | 225.00 annual               | Fee charge by risk level & sq. footage | Food establishment - Level 2 or 3 depending on menu  |
| Hospitals, schools and churches  | 100.00 annual               | split into type 1 or 2                 | Institution- Type 1= 150.00<br>Institution- Type 2= 250.00   |
| Bakeries   | 150.00 annual               | Fee charge by risk level & sq. footage | Food establishment - Level 1 or 2 depending on menu  |
| Bar/Tavern   | 75.00 annual                | Fee charge by risk level & sq. footage | Food establishment - Level 1 or 2 depending on menu  |
| Vending machine:   |                             |  |  |
| Vending machine (temperature/date controlled foods)  | 25.00/unit annual           | Fee charge by risk level & sq. footage | Food establishment - Level 1<br>Less than 5,000sq ft= 150.00   |
| Frozen dessert street vendors (ice-cream truck)  | 20.00                       | reclassify                             | Now falls under Temporary food permit 75.00  |
| Childcare facility with foodservice  | 100.00 annual               | split into type 1 or 2                 | Institution - Type 1<br>150.00   |
| Childcare facility without foodservice   | 50.00 annual                | reclassify                             | Now falls under Environmental health assessment 50.00  |
| Temporary food permit  | 75.00 annual (no proration) |  | 75.00 annual (no proration)  |
| Mobile food (food truck)   | 150.00 annual               |  | 150.00 annual  |
| Limited food service (reheating commercially processed food)   | 150.00                      | Fee charge by risk level & sq. footage | Food establishment - Level 1 or 2 depending on menu  |
| Vendor (frozen foods)  | 100.00                      | 0.00                                   | 0.00   |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Health (Continued)</b>     |                         |  |   |
|--|-------------------------|--|---|
|  | <b>FEES AND CHARGES</b> |  |   |
|  | 2016                    | Proposed   |   |
|  | Current                 | Revised  | 2017  |
| Service  | Base Fee                | Change   | Fee   |
| <b>Food Processing: (Caterers/Manufacturers)</b> |                         |  |   |
| Less than 5,000 sq ft                            | 75.00 annual            | Fee charge by risk level & sq. footage           | Food establishment - Level 2 or 3 depending on menu   |
| More than 5,000 sq ft                            | 100.00 annual           | Fee charge by risk level & sq. footage           | Food establishment - Level 2 or 3 depending on menu   |
| <b>Retail Food Market:</b>                       |                         |  |   |
| No food processed on-site                        | 150.00 annual           | Fee charge by risk level & sq. footage           | Food establishment Level 1<br>Less than 5,000sq ft= 150.00<br>5,000 to 10,000sq ft= 175.00<br>More than 10,000sq ft= 200.00 |
| Food processed on-site                           | 200.00 annual           | Fee charge by risk level & sq. footage           | Food establishment - Level 1 or 2 depending on menu   |
| Temporary (ie: meat/seafood vendors)             | 100.00 annual           | Eliminate  | Now Temporary Food= 75.00   |
| <b>Non-Food Permits:</b>                         |                         |  |   |
| Lodging permit (1 - 18 units)                    | 115.00                  |  | 115.00  |
| Lodging permit (19-35 units)                     | 145.00                  |  | 145.00  |
| Lodging permit (36-100 units)                    | 175.00                  |  | 175.00  |
| Lodging permit (Excess of 100 units)             | 200.00 + 1.00/unit      |  | 200.00 + 1.00/unit  |
| Swimming pools: semi-public/public operation     | 150.00 annual           | split into categories of seasonal vs. year round |   |
| Year round pool                                  | New                     | 200.00   | 200.00 + 50.00 for ea additional body of water  |
| Seasonal pool                                    | New                     | 100.00   | 100.00 + 50.00 for ea additional body of water  |
| Year round spa/whirlpool                         | New                     |  | Considered an additional body of water 50.00  |
| Seasonal spa/whirlpool                           | New                     |  | Considered an additional body of water 50.00  |
| Year round splash pad/spray ground               | New                     |  | Considered an additional body of water 50.00  |
| Seasonal splash pad/spray ground                 | New                     |  | Considered an additional body of water 50.00  |
| Tanning permit (1-10 beds)                       | 100.00 annual           | 100.00 (1-5 beds)                                | 100.00 (1-5 beds)   |
| Tanning permit (11 or more beds)                 | 125.00 annual           | 150.00 (6 + beds)                                | 150.00 (6 + beds)   |
| Tattoo/body art                                  | 135.00 annual           | 15.00  | 150.00  |
| Environmental health assessment                  | New                     | 50.00  | 50.00   |
| Special pet                                      | 20.00                   | 55.00  | 75.00   |

*Reimbursement for public health nursing services is based on Medicaid allowable fees as well as the cost of lab fees associated with the service provided. Fees may vary depending on Medicaid reimbursement rate changes. NDCC 23-35-08 Boards of Health Powers & Duties: Except when in conflict with a local ordinance or a civil service rule within the board of health's jurisdiction, each board of health may establish by rule, a schedule of reasonable fees that may be charged for services rendered. Services may not be withheld due to inability to pay any fees established under this subsection.*

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Airport</b>                  |   |          |   |
|---|---|----------|---|
|   | <b>FEES AND CHARGES</b>                       |          |   |
|   | 2016  | Proposed |   |
|   | Current                                       | Revised  | 2017  |
| Service                                     | Base Fee                                      | Change   | 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  |
| Repetitive security violation               | 250.00-500.00/incidence                       |          | 250.00-500.00/incidence                       |
| 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                           | 25.00/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                     | 62.00/hr                                      |          | 62.00/hr                                      |
| Hyster forklift                             | 62.00/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<br>plus environm disp fee     | 1%       | 5% repair labor<br>plus environm disp fee     |
| Welding with operator                       | 75.00/hr                                      |          | 75.00/hr                                      |
| Mechanics labor                             | 75.00 hr/OT 112.50/hr                         |          | 75.00/hr, OT 112.50/hr                        |
| Light plant                                 | 25.00/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   | 75.00/hr, OT 112.50/hr                        |          | 75.00/hr, OT 112.50/hr                        |
| Supervisor labor                            | 85.00/hr, OT 127.50/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<br>and cost of fuel  | 5.00     | 75.00/hr + cost of fluid                      |
| Grove 66' telescoping lift                  | 124.00/hr<br>cost of fuel or LP               | 1.00     | 125.00/hr plus<br>cost of fuel or LP          |
| Skyjack scissor lift                        | 206.50/hr                                     | (81.50)  | 125.00/hr                                     |
| Cable locator                               | 50.00/hr , OT 75.00/hr                        |          | 50.00/hr, OT 75.00/hr                         |
| Challenger tractor with loader              | 75.00/hr plus cost of fuel                    |          | 75.00/hr plus cost of fuel                    |
| Sander - de-icer truck<br>(ramps, streets)  | 70.00/hr plus cost of fuel<br>fluids and sand |          | 70.00/hr plus cost of fuel<br>fluids and sand |
| Tractor tug (A/C towing)                    | 75.00/hr plus cost of fuel                    |          | 75.00/hr plus cost of fuel                    |
| Belt loader                                 | 75.00/hr plus cost of fuel                    |          | 75.00/hr plus cost of fuel                    |
| Office reimbursement & vending:             |   |          |   |
| NSF check charges                           | 25.00 ea                                      |          | 25.00 ea                                      |

DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Airport (Continued)  |            |                         |                         |
|--|------------|-------------------------|-------------------------|
|  | 2016       | Proposed                |                         |
|  | Current    | Revised                 | 2017                    |
| Service  | Base Fee   | Change                  | Fee                     |
| Airport/terminal user fees:  |            |                         |                         |
| Jetway use gates 1 & 4 (signatory)                                       | 50.00/use  | PFC bridge/actual O & M | PFC bridge/actual O & M |
| Jetway use gate (sched chtr) gates 1-4                                   | 55.00/use  | PFC bridge/actual O & M | PFC bridge/actual O & M |
| Jetway use gate (ad-hock chtr) gates 1-2-3-4                             | 62.50/use  |                         | 62.50/use               |
| Passenger loading ramp (signatory)                                       | 50.00/use  |                         | 50.00/use               |
| Passenger loading ramp (sched chtr)                                      | 55.00/use  |                         | 55.00/use               |
| Passenger loading ramp (ad hoc Cctr)                                     | 62.50/use  |                         | 62.50/use               |
| Passenger loading ramp (FBO's on GA A/C)                                 | 62.50/use  |                         | 62.50/use               |
| Ad hoc charters terminal use fee   | 475.00/use |                         | 475.00/use              |
| Cargo permit fees  | 250.00     |                         | 250.00                  |
| Cargo gate access fees   | 10.00 day  |                         | 10.00 day               |
|  |            |                         |                         |
| NOTE:  |            |                         |                         |
| All rentals are machine rental only unless specified                     |            |                         |                         |
| Minimum charge for all equipment is 1 hour                               |            |                         |                         |
| Minimum charge for operator/labor is 1 hour except call back or overtime |            |                         |                         |
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DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Event Center                           |  |                               |  |
|--|--|-------------------------------|--|
| Service  | FEES AND CHARGES                                 |                               |  |
|  | 2016<br>Current<br>Base Fee                      | Proposed<br>Revised<br>Change | 2017<br>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   | 70.00 ea meeting rms/lobby                       |                               | 70.00 ea meeting rms/lobby                       |
| Booths   | 70.00 ea exhibit/arena                           |                               | 70.00 ea exhibit/arena                           |
| Box office ticket master                           | 4% vs cap up to 2,500.00<br>& debit card charges |                               | 4% vs cap up to 2,500.00<br>& debit card charges |
| Ticket sellers-day of show                         | Prevailing rate                                  |                               | Prevailing rate                                  |
| Broadway curtains                                  | Up to 1,500.00                                   |                               | Up to 1,500.00                                   |
| Broadway portal                                    | Up to 750.00                                     |                               | Up to 750.00                                     |
| Bulk space   | 0.20 per square feet                             |                               | 0.20 per square feet                             |
| Carpet   | 35.00 ea booth<br>0.40 per square feet           |                               | 35.00 ea booth<br>0.40 per square feet           |
| Catering fee - list of approved caterers provided  | 17% of billed amount                             |                               | 17% of billed amount                             |
| 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                   |
| Clean up fee                                       | Up to 1,000.00 per day                           |                               | Up to 1,000.00 per day                           |
| Closing Bowen avenue                               | 275.00 per event                                 |                               | 275.00 per event                                 |
| Copies   | 0.25 bl/white & 1.00 color                       |                               | 0.25 bl/white & 1.00 color                       |
| Draping  | 1.75 per foot                                    |                               | 1.75 per foot                                    |
| Drawing barrel                                     | 20.00  |                               | 20.00  |
| Electrical charge buy out of arena or exhibit hall | Up to 2,500.00                                   |                               | Up to 2,500.00                                   |
| 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 20.00                          | 2.00 all tickets                                 |                               | 2.00 all tickets                                 |
| Tickets priced 19.99 thru 10.00                    | 1.50 all tickets                                 |                               | 1.50 all tickets                                 |
| Tickets priced under 9.99 thru 5.00                | 1.00 all tickets                                 |                               | 1.00 all tickets                                 |
| Tickets priced under 5.00 to 0                     | 0.50 all tickets                                 |                               | 0.50 all tickets                                 |
| Trade show/non profit admissions                   | 0.25 per ticket                                  |                               | 0.25 per ticket                                  |
| High school activities/NDHSAA                      | 0.50/session or<br>1.00 per day pass             |                               | 0.50/session or<br>1.00 per day pass             |
| Faxes  | 2.00 per page                                    |                               | 2.00 per page                                    |
| Forklift/includes operator                         | 60.00 per hour<br>350.00 per 8 hours             |                               | 60.00 per hour<br>350.00 per 8 hours             |
| Flipchart  | 18.00 each                                       |                               | 18.00 each                                       |
| Genie lift   | 100.00 per day                                   |                               | 100.00 per day                                   |
| Gaffers tape                                       | 30.00 per roll                                   |                               | 30.00 per roll                                   |
| Internet:  |  |                               |  |
| Secure hardline                                    | 50.00 per event                                  | Up to 100 per event           | Up to 100.00 per event                           |
| 25 unique codes                                    | 50.00 per day                                    | Up to 100 per day             | Up to 100.00 per day                             |
| 10 unique codes                                    | 30.00 per day                                    |                               | 30.00 per day                                    |
| 1 unique code                                      | 5.00 per day                                     |                               | 5.00 per day                                     |
| Meeting room buyout                                | Up to 250.00 per event                           |                               | Up to 250.00 per event                           |
| Arena/exhibit hall buyout                          | Up to 1,000.00 per event                         |                               | Up to 1,000.00 per event                         |
| Lighting truss                                     | 700.00 + set up                                  |                               | 700.00 + set up                                  |
|  |  |                               |  |
|  |  |                               |  |



DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Event Center (Continued)</b> |   |          |   |
|---|---|----------|---|
|   | <b>FEES AND CHARGES</b>   |          |   |
|   | 2016  | Proposed |   |
|   | Current   | Revised  | 2017  |
| Service                                     | Base Fee  | Change   | Fee   |
| Lighting truss-operator                     | Prevailing rate   |          | Prevailing rate   |
| Marker board                                | 25.00 ea  |          | 25.00 ea  |
| Microphones                                 | 35.00 ea regular  |          | 35.00 ea regular  |
| (1 regular microphone free with room)       | 35.00 ea wireless headset   |          | 35.00 ea wireless headset   |
|   | 35.00 ea lavalier   |          | 35.00 ea lavalier   |
|   | 35.00 ea wireless handheld  |          | 35.00 ea wireless handheld  |
| Novelties - in house                        | Up to 30% soft &<br>up to 10% music                               |          | Up to 30% soft &<br>up to 10% music                               |
| Paid parking per vehicle for lot B & E      | 5.00 per space per day  |          | 5.00 per space per day  |
| Paid parking per vehicle for lot C & D      | 5.00 per space per day  |          | 5.00 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                     | 125.00 per room/day   |          | 125.00 per room/day   |
| Projector screen-12'x12' or 12'x9'          | 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                              | 1.25 square foot  |          | 1.25 square foot  |
| Risers for seating                          | 250.00 per 75 chairs  |          | 250.00 per 75 chairs  |
| Scoreboard:                                 | Mid level 150.00/hr   |          | Mid level 150.00/hr   |
|   | Full prod 250.00/hr   |          | Full prod 250.00/hr   |
|   | Recording fee-50.00   |          | Recording fee-50.00   |
| Service fee                                 | Up to 10% fee added to<br>outside rented equipment                |          | Up to 10% fee added to<br>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                | 50.00/1 microphone  |          | 50.00/1 microphone  |
| Portable setup                              | 125.00/1 microphone   |          | 125.00/1 microphone   |
| 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           | 1.25 per square foot  |          | 1.25 square foot  |
| Tables:                                     |   |          |   |
| 4x30,6x30,8x30 5x18, 8x18 or 5' round       | 7.00 ea   |          | 7.00 ea   |
| 36 x 36 high top tables                     | 25.00 ea  |          | 25.00 ea  |
| High chairs                                 | 5.00 ea   |          | 5.00 ea   |
|   | Right to charge for additional<br>tables outside of initial setup |          | Right to charge for additional<br>tables outside of initial setup |
| Tables covers                               | 6.00 ea vinyl/paper   |          | 6.00 ea vinyl/paper   |
|   | 10.00 ea cloth  |          | 10.00 ea cloth  |
| Towels - hand                               | 1.50 ea   |          | 1.50 each   |
| Towels - bath                               | 2.00 ea   |          | 2.00 each   |
|   |   |          |   |
|   |   |          |   |
|   |   |          |   |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Event Center (Continued)</b>                 |                             |          |                             |
|---|-----------------------------|----------|-----------------------------|
|   | <b>FEES AND CHARGES</b>     |          |                             |
|   | 2016                        | Proposed |                             |
|   | Current                     | Revised  | 2017                        |
| Service   | Base Fee                    | Change   | Fee                         |
| Water usage fee   | 5.00 per unit               |          | 5.00 per unit               |
| Arena + all arena meeting rooms                             | Up to 5,000.00              |          | Up to 5,000.00              |
| Arena only  | Up to 3,500.00              |          | Up to 3,500.00              |
| Entire building (arena, exhibit hall and all meeting rooms) | Up to 10,000.00 per day     |          | Up to 10,000.00 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   |
| Theatre set - with carpet                                   | +500.00                     |          | +500.00                     |
| Meeting room rentals:                                       |                             |          |                             |
| Aspen room-(45 capacity)                                    | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Birch room-(80 capacity)                                    | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Cottonwood room-(80 capacity)                               | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Linden room-(80 capacity)                                   | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Maple room-(80 capacity)                                    | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Oak room-(80 capacity)                                      | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Pine room-(80 capacity)                                     | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Spruce room-(80 capacity)                                   | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Murdoch room-(100 capacity)                                 | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Karlgard room-(75 capacity)                                 | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Missouri room-(50 capacity)                                 | Up to 300.00 per day        |          | Up to 300.00 per day        |
| Bay area  | 250.00 per day              |          | 250.00 per day              |
| Local school graduation/music/play                          | Up to 3,500.00 per day      |          | Up to 3,500.00 per day      |
| Basketball (games & trnys)/2 gms                            | Up to 3,500.00 per day      |          | Up to 3,500.00 per day      |
| Additional games  | 250.00 per game             |          | 250.00 per game             |
| Other sporting events (wrestling)                           | Up to 3,500.00 per day      |          | Up to 3,500.00 per day      |
| Exhibit hall-conv/trade show/exhibit                        | 12% of gross with gate chgs |          | 12% of gross with gate chgs |
| Exhibit hall (all 4 halls) & meeting rooms                  | Up to 12,500.00 per day     |          | Up to 12,500.00 per day     |
| Meeting room + two halls                                    | Up to 7,500.00 per day      |          | Up to 7,500.00 per day      |
| Exhibit hall A only   | Up to 3,000.00 per day      |          | Up to 3,000.00 per day      |
| Exhibit hall B only   | Up to 3,000.00 per day      |          | Up to 3,000.00 per day      |
| Exhibit hall A & B  | Up to 5,000.00 per day      |          | Up to 5,000.00 per day      |
| Exhibit hall C only   | Up to 2,500.00 per day      |          | Up to 2,500.00 per day      |
| Exhibit hall D only   | Up to 3,000.00 per day      |          | Up to 3,000.00 per day      |
| Stage shows vs 12% gross received                           | 10% vs cap up to 5,000.00   |          | 10% vs cap up to 5,000.00   |
| Exhibit hall meeting rooms                                  |                             |          |                             |
| Prairie rose #101   | Up to 500.00 per day        |          | Up to 500.00 per day        |
| Prairie rose #102   | Up to 500.00 per day        |          | Up to 500.00 per day        |
| Prairie rose #103   | Up to 500.00 per day        |          | Up to 500.00 per day        |
| Prairie rose #104   | Up to 500.00 per day        |          | Up to 500.00 per day        |
| Prairie rose #105   | Up to 500.00 per day        |          | Up to 500.00 per day        |
| Prairie rose #106   | 200.00weekday/250.00weekend |          | 200.00weekday/250.00weekend |
| Upper & lower lobby areas ex hall                           | 225.00 per day              |          | 225.00 per day              |
| Move-in/move-out (4 hrs min chg)                            | 50% of contracted rent      |          | 50% of contracted rent      |
| Parking lot C - outdoor event                               | Up to 1000.00 per day       |          | Up to 1000.00 per day       |
| Parking lot D - outdoor event                               | Up to 1000.00 per day       |          | Up to 1000.00 per day       |
| Practice - music/athletics                                  | 60.00 per hour 8am-5pm      |          | 60.00 per hour 8am-5pm      |
|   | 75.00 per hour 5pm/9pm      |          | 75.00 per hour 5pm/9pm      |
| Rodeo/ice shows/religious events                            | 10% vs cap up to 3,500.00   |          | 10% vs cap up to 3,500.00   |
| Setup/take down fee - per event                             | Up to 2,500.00 per day      |          | Up to 2,500.00 per day      |
| Exhibitor services prices:                                  |                             |          |                             |
| Additional tables   | 8.00                        |          | 8.00                        |
| Exchange of tables  | 8.00                        |          | 8.00                        |
|   |                             |          |                             |
|   |                             |          |                             |



DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Belle Mehus                             |  |                         |  |
|---|--|-------------------------|--|
|   | FEES AND CHARGES   |                         |  |
|   | 2016 Current Base Fee                                      | Proposed Revised Change | 2017 Fee   |
| Commercial events/shows                             | Up to 2,500.00   |                         | Up to 2,500.00 per day                                     |
| Per performance non profit (Basic rental) for 8 hrs | 480.00 per day   |                         | 480.00 per day   |
|   | Add'l performance on same day 50% of highest grossing perf |                         | Add'l performance on same day 50% of highest grossing perf |
| Local events  | Up to 850.00 per day                                       |                         | Up to 850.00 per day                                       |
| Out of state events                                 | Up to 850.00 per day                                       |                         | Up to 850.00 per day                                       |
| Lecture demo in conj with public perf               | 125.00 ea  |                         | 125.00 ea  |
| Electrical demand                                   |  |                         | 200.00   |
| Rehearsal/practice                                  | 50.00 per hour   |                         | 50.00 per hour   |
| Local performing arts                               | 35.00 hr scheduled   |                         | 35.00 hr scheduled   |
|   | 50.00 unscheduled or over run time                         |                         | 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                               |
| Cleanup fee   | Up to 1000.00  |                         | Up to 1000.00  |
| 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 fee:                                       |  |                         |  |
| Tickets priced over 20.00                           | 2.00 all tickets   |                         | 2.00 all tickets   |
| Tickets priced 19.99 thru 10.00                     | 1.50 all tickets   |                         | 1.50 all tickets   |
| Tickets priced under 9.99 thru 5.00                 | 1.00 all tickets   |                         | 1.00 all tickets   |
| Tickets priced under 5.00 to 0                      | 0.50 all tickets   |                         | 0.50 all tickets   |
| Trade show/non profit admissions                    | 0.25 per ticket  |                         | 0.25 per ticket  |
| High school activities/NDHSAA                       | 0.50/session or  |                         | 0.50/session or  |
| 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                       |
| Microphones - additional                            | 35.00  |                         | 35.00  |
| Monitor   | 35.00 ea   |                         | 35.00 ea   |
| Pit wall - remove & replace                         | 360.00   |                         | 360.00   |
| 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  | Charge at prevailing rate                                  |                         | Charge at prevailing rate                                  |
| Sound/light tech                                    | Prevailing rate  |                         | Prevailing rate  |
| Spotlights-trouperette                              | 50.00 ea   |                         | 50.00 each   |
| Tables  | 25 included in rent  |                         | 25 included in rent  |
| Risers - stage                                      | 4 sections included in rent                                |                         | 4 sections included in rent                                |
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DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Works-Service Operations</b> |                                       |          |                                       |
|--|---------------------------------------|----------|---------------------------------------|
|  | <b>FEES AND CHARGES</b>               |          |                                       |
|  | 2016                                  | Proposed |                                       |
|  | Current                               | Revised  | 2017                                  |
| Service  | Base Fee                              | Change   | 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           | 0.024/lb or 8.00/cy                   |          | 0.024/lb or 8.00/cy                   |
| Forestry wood chipper mulch single grind           | 0.02/lb or 6.70/cy                    |          | 0.02/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 w/chipper body                   | 28.00                                 |          | 28.00                                 |
| Log truck w/crane                                  | 40.00/hr                              |          | 40.00/hr                              |
| Wood chipper-bandit                                | 18.00/hr                              |          | 18.00/hr                              |
| Chipper truck                                      | 20.00/hr                              |          | 20.00/hr                              |
| Stump router                                       | 25.00/hr                              |          | 25.00/hr                              |
| Fee - site plan review                             | 75.00                                 |          | 75.00                                 |
| Fee - adm service fee (weed cutting)               | 40.00                                 |          | 40.00                                 |
| <b>Roads &amp; Streets:</b>                        |                                       |          |                                       |
| Asphalt repair                                     | 9.77 sq ft/minimum<br>charge of 69.00 |          | 9.77 sq ft/minimum<br>charge of 69.00 |
| <b>Equipment rental:</b>                           |                                       |          |                                       |
| Compact pickup                                     | 0.33/mile                             |          | 0.33/mile                             |
| 1/2 ton pickup                                     | 0.36/mile                             |          | 0.36/mile                             |
| 3/4 ton pickup                                     | 0.33/mile                             |          | 0.33/mile                             |
| 1 ton pickup                                       | 0.89/mile                             |          | 0.89/mile                             |
| Tandem axle dump truck                             | 30.00/hr                              |          | 30.00/hr                              |
| Tandem axle dump truck w/sander & plow             | 50.00/hr                              |          | 50.00/hr                              |
| Tandem axle dump truck w/sander                    | 40.00/hr                              |          | 40.00/hr                              |
| Single axle dump truck                             | 25.00/hr                              |          | 25.00/hr                              |
| Single axle dump truck w/sander                    | 35.00/hr                              |          | 35.00/hr                              |
| Single axle dump truck w/sander & plow             | 45.00/hr                              |          | 45.00/hr                              |
| Motor grader                                       | 55.00/hr                              |          | 55.00/hr                              |
| Front end loader w/bucket                          | 45.00/hr                              |          | 45.00/hr                              |
| Front end loader w/snow plow                       | 55.00/hr                              |          | 55.00/hr                              |
| Front end loader w/8 ft snow blower                | 88.00/hr                              |          | 88.00/hr                              |
| Skid steer w/bucket                                | 30.00/hr                              |          | 30.00/hr                              |
| Asphalt saw w/skid steer                           | 60.00/hr                              |          | 60.00/hr                              |
| Snow blower w/skid steer                           | 60.00/hr                              |          | 60.00/hr                              |
| Utility trailer                                    | 3.47/hr                               |          | 3.47/hr                               |
| Sweeper  | 60.00/hr                              |          | 60.00/hr                              |
| Paver  | 40.00/hr                              |          | 40.00/hr                              |
| Roller (small)                                     | 20.00/hr                              |          | 20.00/hr                              |
| Roller (large)                                     | 32.00/hr                              |          | 32.00/hr                              |
| Air compressor                                     | 13.00/hr                              |          | 13.00/hr                              |
| Disc   | 35.00/hr                              |          | 35.00/hr                              |
| Self propelled broom 8 ft                          | 30.00/hr                              |          | 30.00/hr                              |
| Service truck                                      | 30.00/hr                              |          | 30.00/hr                              |
| Chip spreader                                      | 77.00/hr                              |          | 77.00/hr                              |
| Oil distributor                                    | 75.00/hr                              |          | 75.00/hr                              |
| Truck-mounted generator                            | 20.00/hr                              |          | 20.00/hr                              |
| Backhoe  | 40.00/hr                              |          | 40.00/hr                              |
| Mower w/tractor 72" and below                      | 25.00/hr                              |          | 25.00/hr                              |
| Broom w/tractor 60" and below                      | 25.00/hr                              |          | 25.00/hr                              |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Works-Service Operations (Continued)</b>                                   |                    |            |                    |
|--|--------------------|------------|--------------------|
| Service  | FEES AND CHARGES   |            |                    |
|  | 2016               | Proposed   |                    |
|  | Current            | Revised    | 2017               |
|  | Base Fee           | Change     | Fee                |
| Snow Blower w/tractor 48" and below  | 25.00/hr           |            | 25.00/hr           |
| Generator 4000kw & less  | 2.50/hr            |            | 2.50/hr            |
| Generator 4001kw & more  | 21.00/hr           |            | 21.00/hr           |
| Loop saw   | 14.00/hr           |            | 14.00/hr           |
| Barricades   | 1.16/day/barricade |            | 1.16/day/barricade |
| Paint striper  | 5.00/hr            |            | 5.00/hr            |
| Concrete saw   | 14.00/hr           |            | 14.00/hr           |
| Aerial lift truck  | 32.00/hr           |            | 32.00/hr           |
| Farm tractor w/mower   | 35.00/hr           |            | 35.00/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   | 7.36               | 0.07       | 7.43               |
| Residential w/o lights   | 1.81               | 0.02       | 1.83               |
| Rental units - apartments  | 7.36/1.81          | 0.07/0.02  | 7.43/1.83          |
| Commercial - other   | 10.97/5.61         | 0.11/.0.06 | 11.08/5.67         |
| *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  |                    |            |                    |
| Special fees:  |                    |            |                    |
| 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           |
| Tires:   |                    |            |                    |
| 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   | 0.25               | 0.10       | 0.35               |
| Fluorescent lamps 4 ft and over in length  | 0.41               | 0.04       | 0.45               |
| U-shaped and circular fluorescent lamps  | 0.41               | 0.09       | 0.50               |
| High intensity discharge lamps   | 0.90               | 0.30       | 1.20               |
| Compact fluorescent lamps with ballasts  | 1.00               | (0.50)     | 0.50               |
| PCB ballasts   | 0.80               | 0.05       | 0.85               |
| PCB capacitor  | 1.15               | 2.10       | 3.25               |
| Unstable reactive/pound  | 0.58               |            | 0.58               |

DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Works-Service Operations (Continued)</b> |  |                               |  |
|--|--|-------------------------------|--|
| Service  | FEES AND CHARGES                       |                               |  |
|  | 2016<br>Current<br>Base Fee            | Proposed<br>Revised<br>Change | 2017<br>Fee                            |
| Waste reactive/pound   | 0.50                                   |                               | 0.50                                   |
| Oxidizers (Class I & II)/pound                                 | 0.50                                   | 0.02                          | 0.52                                   |
| Organic peroxides (Class I)/pound                              | 0.50                                   | 0.02                          | 0.52                                   |
| Flammables (including solvent, aerosol)/pound                  | 0.82                                   | 0.05                          | 0.87                                   |
| Flammables (oil-based paint/stain)/gallon                      | 1.10                                   | 0.05                          | 1.15                                   |
| Corrosives/pound   | 0.82                                   | 0.05                          | 0.87                                   |
| Toxics/pound   | 0.82                                   | 0.05                          | 0.87                                   |
| Paint (water based)/gal  | 0.75/gal                               | 0.05                          | 0.80/gal                               |
| Unknowns (liquid/solid)/pound                                  | 0.58                                   |                               | 0.58                                   |
| Electronics/pound  | 0.15                                   | (0.08)                        | 0.07                                   |
| Collection fees:   |  |                               |  |
| Residential-96 gallon container                                | 12.31mo ea                             | 0.69                          | 13.00mo ea                             |
|  | 1.65 disposal                          | (1.25)                        | 0.40 disposal                          |
|  |  | 1.14                          | 1.14 recycling                         |
| Commercial water accounts - landfill fee                       | 2.00 disposal                          |                               | 2.00 disposal                          |
| Recycling  | 3.81                                   | 0.26                          | 4.07 recycling                         |
| Dumpsters - 1X   | 1 cu yd-44.77                          | 2.51                          | 1 cu yd-47.28                          |
|  | 1.5 cu yd-47.87                        | 2.68                          | 1.5 cu yd-50.55                        |
|  | 2 cu yd-51.05                          | 2.86                          | 2 cu yd-53.91                          |
|  | 3 cu yd-57.25                          | 3.21                          | 3 cu yd-60.46                          |
|  | 4 cu yd-63.45                          | 3.55                          | 4 cu yd-67.00                          |
|  | 6 cu yd-76.01                          | 4.26                          | 6 cu yd-80.27                          |
|  | 8 cu yd-88.49                          | 4.96                          | 8 cu yd-93.45                          |
| Dumpsters - 2X   | 1 cu yd-75.03                          | 4.20                          | 1 cu yd-79.23                          |
|  | 1.5 cu yd-81.30                        | 4.55                          | 1.5 cu yd-85.85                        |
|  | 2 cu yd-87.51                          | 4.90                          | 2 cu yd-92.41                          |
|  | 3 cu yd-100.06                         | 5.60                          | 3 cu yd-105.66                         |
|  | 4 cu yd-111.71                         | 6.26                          | 4 cu yd-117.97                         |
|  | 6 cu yd-137.50                         | 7.70                          | 6 cu yd-145.20                         |
|  | 8 cu yd-162.53                         | 9.10                          | 8 cu yd-171.63                         |
| Dumpsters - 3X   | 1 cu yd-126.00                         | 7.06                          | 1 cu yd-133.06                         |
|  | 1.5 cu yd-138.18                       | 7.74                          | 1.5 cu yd-145.92                       |
|  | 2 cu yd-149.60                         | 8.38                          | 2 cu yd-157.98                         |
|  | 3 cu yd-175.09                         | 9.81                          | 3 cu yd-184.90                         |
|  | 4 cu yd-196.57                         | 11.01                         | 4 cu yd-207.58                         |
|  | 6 cu yd-248.83                         | 13.93                         | 6 cu yd-262.76                         |
|  | 8 cu yd-299.05                         | 16.75                         | 8 cu yd-315.80                         |
| Disposal fees:   | 24.00/tn inert pit                     |                               | 24.00/tn inert pit                     |
| Subtitle D pit   | 45.00 ton MSW                          |                               | 45.00 ton MSW                          |
|  | 15.00 tn/clean wood<br>and tree debris |                               | 15.00 tn/clean wood<br>and tree debris |
| 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   | 25.00 ea                               |                               | 25.00 ea                               |
| Solid waste overflow surcharge (ord 8-07-06.2)                 | 20.00                                  |                               | 20.00                                  |
| Dumpster changeout charge (ord 8-07-06.2)                      | 62.00                                  |                               | 62.00                                  |





DEPARTMENTAL FEES AND CHARGES

| <b>DEPARTMENT: Public Works-Utility Operations</b>          |                         |          |                 |
|---|-------------------------|----------|-----------------|
|   | <b>FEES AND CHARGES</b> |          |                 |
|   | 2016                    | Proposed |                 |
|   | Current                 | Revised  | 2017            |
| Service   | Base Fee                | Change   | Fee             |
| <b>Water rates:</b>   |                         |          |                 |
| Base rate   | 5.70                    |          | 5.70            |
| Rate per 100 cubic feet, 0-400 cu ft                        | 2.18                    | 0.11     | 2.29            |
| Rate per 100 cubic feet, over 400 cu ft                     | 2.76                    | 0.14     | 2.90            |
| Lawn rates  | 2.76                    | 0.14     | 2.90            |
| Commercial demand charge per inch of meter size > 1"        | 10.00                   |          | 10.00           |
| Multifamily first unit                                      | 5.70                    |          | 5.70            |
| Multifamily per additional living unit                      | 0.50                    |          | 0.50            |
| Surcharge for curb stop repairs, residential                | 2.00                    |          | 2.00            |
| <b>Water trunk line fee - special assessment</b>            |                         |          |                 |
| Base rate, residential single family                        | 500.00                  | 25.00    | 525.00          |
| Duplex zoning < 10,000 square feet                          | 500.00                  | 25.00    | 525.00          |
| Duplex zoning >10,000 & < 20,000 sq ft                      | 1,000.00                | 50.00    | 1,050.00        |
| Duplex or higher zoning & >20,000 sq ft per 10,000 sq ft    | 500.00                  | 25.00    | 525.00          |
| <b>Sewer rates:</b>   |                         |          |                 |
| Base rate   | 9.88                    |          | 9.88            |
| Rate per 100 cubic feet, 0-400 cu ft                        | 2.11                    | 0.30     | 2.41            |
| Rate per 100 cubic feet, over 400 cu ft                     | 2.56                    | 0.36     | 2.92            |
| Surcharge for backup coverage, residential                  | 0.40                    | 0.05     | 0.45            |
| Surcharge for backup coverage, commercial                   | 0.80                    | 0.10     | 0.90            |
| <b>Sanitary sewer trunk line fee-special assessment</b>     |                         |          |                 |
| Base rate, residential single family                        | 500.00                  | 25.00    | 525.00          |
| Duplex zoning < 10,000 square feet                          | 500.00                  | 25.00    | 525.00          |
| Duplex zoning >10,000 & < 20,000 sq ft                      | 1,000.00                | 50.00    | 1,050.00        |
| Duplex or higher zoning & >20,000 sq ft per 10,000 sq ft    | 500.00                  | 25.00    | 525.00          |
| <b>Storm sewer operation and maintenance:</b>               |                         |          |                 |
| Resident  | 2.20                    | 0.22     | 2.42            |
| Commercial per 10,000 sq ft of lot                          | 4.40                    | 0.44     | 4.84            |
| Multifamily-first unit                                      | 2.20                    | 0.22     | 2.42            |
| ea additional unit  | 0.44                    | 0.05     | 0.49            |
| <b>Unannexed area surcharge:</b>                            |                         |          |                 |
| Resident  | 0.50                    | 0.75     | 1.25            |
| Commercial per 10,000 sq ft of lot                          | 0.50                    | 0.75     | 1.25            |
| Multifamily-first unit                                      | 0.50                    | 0.75     | 1.25            |
| ea additional unit  | 0.10                    | 0.15     | 0.25            |
| <b>Wastewater:</b>  |                         |          |                 |
| High strength (over 250mg/L) surcharge for industrial users |                         |          |                 |
| Per 1,000 lbs BOD   | 117.00                  | 12.00    | 129.00          |
| Per 1,000 lbs SS  | 117.00                  | 12.00    | 129.00          |
| Non sewer waste hauled to system                            | 55.00/1,000 gal         | 5.00     | 60.00/1,000 gal |
| Reinstatement service fee (Mon-Fri 8am-4pm)                 | 50.00                   | 5.00     | 55.00           |
| Reinstatement service fee (after hours)                     | 100.00                  | 10.00    | 110.00          |
| <b>Water service calls - connect/disconnect</b>             |                         |          |                 |
| Next day service  | 15.00                   | 2.00     | 17.00           |
| Same day service  | 21.50                   | 2.50     | 24.00           |

DEPARTMENTAL FEES AND CHARGES

| DEPARTMENT: Public Works-Utility Operations (Continued) |                     |                   |             |
|---|---------------------|-------------------|-------------|
| Service   | FEES AND CHARGES    |                   |             |
|   | 2016                | Proposed          |             |
|   | Current<br>Base Fee | Revised<br>Change | 2017<br>Fee |
| Install/remove lawn meters                              | 43.00               | 5.00              | 48.00       |
| Repair frozen meters (per hour plus materials)          | 42.00               | 4.00              | 46.00       |
| Hydrant hookups   | 43.00               | 4.00              | 47.00       |
| Sale of water from hydrant hookup (per gallon)          | 0.005               | 0.001             | 0.006       |
| Hydrant meter rental (3-inch meter) per day             | 5.00                | 0.25              | 5.25        |
| Hydrant meter rental (5/8-inch meter) per day           | 1.00                | 0.10              | 1.10        |
| Bulk water sales to fill tanks per gallon:              | 0.006               | 0.001             | 0.007       |
| Minimum monthly charge (bulk water)                     | 5.00                | 1.00              | 6.00        |
| <b>Testing</b>  |                     |                   |             |
| Dairy product testing:                                  |                     |                   |             |
| Coliform test   | 10.00               | 10.00             | 20.00       |
| Standard plate count                                    | 10.00               | 7.00              | 17.00       |
| Swimming pool testing                                   | 16.00               | 6.00              | 22.00       |
| <b>Meter sales w/installation:</b>                      |                     |                   |             |
| 3/4" - 1" meters (plus 125% of meter & ERT cost)        | 40.00               | 2.00              | 42.00       |
| 1 1/2" to 2" meters (plus 125% of meter & ERT cost)     | 40.00               | 2.00              | 42.00       |
| 3" to 6" meters (plus 125% of meter & ERT cost)         | 69.00               | 3.00              | 72.00       |
| <b>Taps up to 1"</b>                                    |                     |                   |             |
| 1 1/2" tap  | 62.50               | 2.50              | 65.00       |
| 2" tap  | 99.00               | 5.00              | 104.00      |
| 3" tap (plus labor & materials)                         | 85.00               | 4.00              | 89.00       |
| 4" tap (plus labor & materials)                         | 110.00              | 5.00              | 115.00      |
| 6" tap (plus labor & materials)                         | 180.00              | 9.00              | 189.00      |
| 8" tap (plus labor & materials)                         | 225.00              | 11.00             | 236.00      |
| 10" tap (plus labor & materials)                        | 300.00              | 15.00             | 315.00      |
| 12" tap (plus labor & materials)                        | 350.00              | 18.00             | 368.00      |
| <b>Sewer Taps</b>                                       |                     |                   |             |
| 4" (plus labor & materials)                             | 44.00               | 4.00              | 48.00       |
| 6" (plus labor & materials)                             | 66.00               | 6.60              | 72.60       |
| 8" (plus labor & materials)                             | 108.00              | 11.00             | 119.00      |
| 10" (plus labor & materials)                            | 163.00              | 17.00             | 180.00      |
| 12" (plus labor & materials)                            | 260.00              | 26.00             | 286.00      |
| <b>Storm water &amp; erosion control permit</b>         |                     |                   |             |
| Residential   | 50.00               | 5.00              | 55.00       |
| Commercial  | 100.00              | 10.00             | 110.00      |
| added cost if more than 20,000 sf disturbed (per sq ft) | 0.005               |                   | 0.005       |
| Residential reissuance after 180 days                   | 25.00               | 2.50              | 27.50       |
| Commercial reissuance after 180 days                    | 50.00               | 5.00              | 55.00       |
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|   |                     |                   |             |

# **5 Year Capital Improvement Program**

## **Section 2**

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**FUND SOURCE SUMMARY**

| FUNDING SOURCE          | DEPARTMENT                          | 2017              | 2018              | 2019              | 2020               | 2021              | TOTAL              |
|-------------------------|-------------------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|
| Airport Fund            | Airport                             | 6,273,000         | 291,500           | 1,578,500         | 2,207,500          | 2,495,000         | 12,845,500         |
| Building Construction * | Administration                      | TBD               | -                 | 5,560,508         | -                  | -                 | 5,560,508          |
|                         | Public Health                       | -                 | 205,000           | 3,295,000         | 125,000            | 170,000           | 3,795,000          |
|                         | City/County Expansion               | -                 | -                 | 407,000           | 33,483,940         | -                 | 33,890,940         |
|                         | *** Fire Department                 | 182,000           | 148,000           | -                 | -                  | -                 | 330,000            |
|                         | ** Library                          | 1,070,000         | 77,000            | -                 | -                  | -                 | 1,147,000          |
| ** Police               | 2,734,000                           | 275,000           | 7,900,000         | -                 | -                  | 10,909,000        |                    |
| FAA Grant               | Airport                             | 12,450,000        | 16,626,300        | 12,233,700        | 27,135,000         | 17,910,000        | 86,355,000         |
| Federal Grant           | Street and Highway Imp              | 50,000            | 690,000           | 50,000            | 50,000             | 50,000            | 890,000            |
| Food and Beverage Tax** | Event Center                        | 541,250           | 384,000           | 8,908,000         | 39,442,000         | -                 | 49,275,250         |
| Other City Funds        | Airport-General Fund                | -                 | 10,260,200        | 601,150           | -                  | -                 | 10,861,350         |
|                         | Airport-Revenue Bonds               | 3,543,000         | 6,457,000         | -                 | -                  | -                 | 10,000,000         |
|                         | * Fire                              | TBD               | -                 | -                 | -                  | -                 | -                  |
|                         | *** Roads & Streets                 | TBD               | -                 | -                 | -                  | -                 | -                  |
|                         | * Solid Waste                       | TBD               | -                 | -                 | -                  | -                 | -                  |
|                         | Special Deficiency-Street & Highway | 370,000           | 180,000           | 400,000           | 120,000            | 430,000           | 1,500,000          |
|                         | WW Treatment Plant-Reserve Bonds    | 9,290,000         | 1,155,000         | -                 | -                  | -                 | 10,445,000         |
| Sales Tax **            | Street and Highway Imp              | 10,248,500        | 9,249,000         | 16,410,500        | 16,266,500         | 19,305,500        | 71,480,000         |
| Solid Waste             | Solid Waste                         | 286,850           | -                 | -                 | -                  | -                 | 286,850            |
| Special Assessment      | Storm Water                         | 4,960,000         | 4,990,000         | -                 | -                  | -                 | 9,950,000          |
|                         | Street and Highway Imp              | 12,182,500        | 9,265,000         | 8,929,500         | 7,846,500          | 6,474,500         | 44,698,000         |
| State Grant             | Airport                             | 1,525,000         | 1,765,000         | 679,650           | 1,507,500          | 995,000           | 6,472,150          |
| Street Light Reserves   | Street Light Utility                | 619,773           | 437,839           | 495,571           | 564,120            | 536,281           | 2,653,584          |
| Utility Operations      | Sanitary Sewers                     | 4,120,000         | 2,455,000         | 2,860,000         | 1,510,000          | 1,510,000         | 12,455,000         |
|                         | Storm Water                         | 815,000           | 634,000           | 220,000           | 220,000            | 220,000           | 2,109,000          |
|                         | Wastewater Treatment Plant          | 200,000           | 800,000           | 1,200,000         | 1,400,000          | 2,200,000         | 5,800,000          |
|                         | Water Administration                | -                 | -                 | 1,000,000         | 300,000            | -                 | 1,300,000          |
|                         | Water Distribution                  | 1,248,000         | 2,749,800         | 2,303,500         | 1,567,000          | 1,573,000         | 9,441,300          |
|                         | Water Treatment Plant               | 138,000           | 940,000           | 75,000            | -                  | -                 | 1,153,000          |
| <b>TOTAL</b>            |                                     | <b>72,846,873</b> | <b>70,034,639</b> | <b>75,107,579</b> | <b>133,745,060</b> | <b>53,869,281</b> | <b>405,603,432</b> |

|                       |            |                     |            |                      |            |
|-----------------------|------------|---------------------|------------|----------------------|------------|
| Airport               | 12,845,500 | Other City Funds    | 32,806,350 | Street Light Utility | 2,653,584  |
| Building Construction | 55,632,448 | Sales Tax           | 71,480,000 | Utility Operations   | 32,258,300 |
| FAA Grant             | 86,355,000 | Solid Waste         | 286,850    |                      |            |
| Federal Grant         | 890,000    | Special Assessments | 54,648,000 |                      |            |
| Food and Beverage Tax | 49,275,250 | State Grant         | 6,472,150  |                      |            |

\* To Be Determined

\*\*Requested but not all Approved by the Commission.

\*\*\*Requested but not Approved by the Commission.

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

**DEPARTMENT COSTS BY YEAR**

| DEPARTMENT                        |                 |     | 2017       | 2018       | 2019       | 2020       | 2021       | TOTAL       |
|-----------------------------------|-----------------|-----|------------|------------|------------|------------|------------|-------------|
| Administration                    | Total Cost      | *   | TBD        | -          | 5,560,508  | -          | -          | 5,560,508   |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | TBD        | -          | 5,560,508  | -          | -          | 5,560,508   |
| Airport                           | Total Cost      |     | 23,791,000 | 35,400,000 | 15,093,000 | 30,850,000 | 21,400,000 | 126,534,000 |
|                                   | Less Non City   |     | 13,975,000 | 18,391,300 | 12,913,350 | 28,642,500 | 18,905,000 | 92,827,150  |
|                                   | Total City Cost |     | 9,816,000  | 17,008,700 | 2,179,650  | 2,207,500  | 2,495,000  | 33,706,850  |
| Event Center                      | Total Cost      | **  | 541,250    | 384,000    | 8,908,000  | 39,442,000 | -          | 49,275,250  |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 541,250    | 384,000    | 8,908,000  | 39,442,000 | -          | 49,275,250  |
| Fire Department                   | Total Cost      | *** | 182,000    | 148,000    | -          | -          | -          | 330,000     |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 182,000    | 148,000    | -          | -          | -          | 330,000     |
| Library                           | Total Cost      | **  | 1,070,000  | 77,000     | -          | -          | -          | 1,147,000   |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 1,070,000  | 77,000     | -          | -          | -          | 1,147,000   |
| Police                            | Total Cost      | **  | 2,734,000  | 275,000    | 7,900,000  | -          | -          | 10,909,000  |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 2,734,000  | 275,000    | 7,900,000  | -          | -          | 10,909,000  |
| Public Health                     | Total Cost      |     | -          | 205,000    | 3,295,000  | 125,000    | 170,000    | 3,795,000   |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | -          | 205,000    | 3,295,000  | 125,000    | 170,000    | 3,795,000   |
| PW-Building Maintenance           | Total Cost      |     | -          | -          | 407,000    | 33,483,940 | -          | 33,890,940  |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | -          | -          | 407,000    | 33,483,940 | -          | 33,890,940  |
| *Roads & Streets                  | Total Cost      | *** | TBD        | -          | -          | -          | -          | TBD         |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | TBD        | -          | -          | -          | -          | TBD         |
| Solid Waste                       | Total Cost      |     | 286,850    | -          | -          | -          | -          | 286,850     |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 286,850    | -          | -          | -          | -          | 286,850     |
| Street Light Utility              | Total Cost      |     | 619,773    | 437,839    | 495,571    | 564,120    | 536,281    | 2,653,584   |
|                                   | Less Non City   |     | -          | -          | -          | -          | -          | -           |
|                                   | Total City Cost |     | 619,773    | 437,839    | 495,571    | 564,120    | 536,281    | 2,653,584   |
| Streets and Highways Improvements | Total Cost      | **  | 22,851,000 | 19,384,000 | 25,790,000 | 24,283,000 | 26,260,000 | 118,568,000 |
|                                   | Less Non City   |     | 50,000     | 690,000    | 50,000     | 50,000     | 50,000     | 890,000     |
|                                   | Total City Cost |     | 22,801,000 | 18,694,000 | 25,740,000 | 24,233,000 | 26,210,000 | 117,678,000 |

\*To Be Determined

\*\*Requested but not all Approved by the Commission.

\*\*\*Requested but not Approved by the Commission.

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

**DEPARTMENT COSTS BY YEAR**

| DEPARTMENT                 |                 | 2017       | 2018       | 2019       | 2020        | 2021       | TOTAL       |
|----------------------------|-----------------|------------|------------|------------|-------------|------------|-------------|
| Water Administration       | Total Cost      | -          | -          | 1,000,000  | 300,000     | -          | 1,300,000   |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | -          | -          | 1,000,000  | 300,000     | -          | 1,300,000   |
| Sanitary Sewers            | Total Cost      | 4,120,000  | 2,455,000  | 2,860,000  | 1,510,000   | 1,510,000  | 12,455,000  |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | 4,120,000  | 2,455,000  | 2,860,000  | 1,510,000   | 1,510,000  | 12,455,000  |
| Storm Water                | Total Cost      | 5,775,000  | 5,624,000  | 220,000    | 220,000     | 220,000    | 12,059,000  |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | 5,775,000  | 5,624,000  | 220,000    | 220,000     | 220,000    | 12,059,000  |
| Wastewater Treatment Plant | Total Cost      | 9,490,000  | 1,955,000  | 1,200,000  | 1,400,000   | 2,200,000  | 16,245,000  |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | 9,490,000  | 1,955,000  | 1,200,000  | 1,400,000   | 2,200,000  | 16,245,000  |
| Water Distribution         | Total Cost      | 1,248,000  | 2,749,800  | 2,303,500  | 1,567,000   | 1,573,000  | 9,441,300   |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | 1,248,000  | 2,749,800  | 2,303,500  | 1,567,000   | 1,573,000  | 9,441,300   |
| Water Treatment Plant      | Total Cost      | 138,000    | 940,000    | 75,000     | -           | -          | 1,153,000   |
|                            | Less Non City   | -          | -          | -          | -           | -          | -           |
|                            | Total City Cost | 138,000    | 940,000    | 75,000     | -           | -          | 1,153,000   |
| TOTALS                     | Total Cost      | 72,846,873 | 70,034,639 | 75,107,579 | 133,745,060 | 53,869,281 | 405,603,432 |
|                            | Less Non City   | 14,025,000 | 19,081,300 | 12,963,350 | 28,692,500  | 18,955,000 | 93,717,150  |
|                            | Total City Cost | 58,821,873 | 50,953,339 | 62,144,229 | 105,052,560 | 34,914,281 | 311,886,282 |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
ADMINISTRATION

| Requested Project                           | Rank | Cost to be Funded  | Funding | Projected Costs Per Year |      |      |                  |      |      |
|---|------|--------------------|---------|--------------------------|------|------|------------------|------|------|
|   |      |                    | Source  | %                        | 2017 | 2018 | 2019             | 2020 | 2021 |
| *Emergency Operation Center (EOC) Expansion | 1    | 5,560,508          | TBD     | 100                      | TBD  | -    | 5,560,508        | -    | -    |
|   |      | TOTAL              |         |                          | TBD  | -    | 5,560,508        | -    | -    |
|   |      | NON-CITY FUNDING   |         |                          | -    | -    | -                | -    | -    |
|   |      | TOTAL CITY FUNDING |         |                          | TBD  | -    | <b>5,560,508</b> | -    | -    |

\* To Be Determined

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Administration      Project Title: Emergency Operation Center (EOC) Expansion      Priority 1 of 1      1st Year: 2014

Description: Expansion of the Emergency Operations Center located in Building 21 at the Bismarck Airport based on 2015 space needs assessment.  
 Estimated Costs for 2019 is \$5,003,273 to \$5,560,508.

Justification Both the 2009 Flood Incident and 2011 Flood Incident after-action reports include comments about the lack of adequate space at the EOC Facility. It was noted that the lack of space in the EOC restricted coordination with departments and with other agency liaison representatives. Many department representatives utilizing hallway areas, store room areas, copier room, and entry way areas to conduct on-going EOC business. Additional space needed for restrooms, breakroom and parking. Expansion will maximize the functionality of EOC during disaster response situations and meet the Bismarck strategic plan goals related to life safety and the protection of property/environment within the community. During non-emergency response times, the expansion will provide space for training and exercising of all EOC personnel and emergency response agencies.

Scheduling and Project Status      January 2014 - Issue RFP for project Architect/Engineer Consultant for project planning, preliminary design, and cost estimating.  
 June 2014 - Consultant selection process completed. EAPC Architects/Engineers selected & conducted project Phase 1 Site Analysis & Assessment and Phase 2 Schematic Design (completed 2015). Construction cost estimates are for green field site at airport and DCN site at 43rd Avenue & Coleman Street.

Annual Impact on Income and Operating Costs      To be determined - additional discussion with City and County representatives required to discuss site selection, project funding options (building construction fund, increased 911 fees, grants, lease). \$500,000 +/- annually.

| Project Costs:                           | 2017       | 2018 | 2019               | 2020 | 2021 | Total              |
|--|------------|------|--------------------|------|------|--------------------|
| Planning & Preliminary Design            |            |      |                    |      |      |                    |
| Engineering/Architectural                |            |      |                    |      |      |                    |
| Construction                             | TBD        |      | \$5,560,508        |      |      | \$5,560,508        |
| Other (Furnishings, Fixtures, Equipment) |            |      |                    |      |      |                    |
| <b>Total</b>                             | <b>TBD</b> |      | <b>\$5,560,508</b> |      |      | <b>\$5,560,508</b> |

| Project Funding:                       |            |  |                    |  |  |                    |
|--|------------|--|--------------------|--|--|--------------------|
| City                                   |            |  |                    |  |  |                    |
| Enterprise Construction Reserves       |            |  |                    |  |  |                    |
| Motel/Liquor/Restaurant                |            |  |                    |  |  |                    |
| Building Construction                  |            |  |                    |  |  |                    |
| Sales Tax Fund                         |            |  |                    |  |  |                    |
| Special Assessment Bonds               |            |  |                    |  |  |                    |
| Other (AdminEqRes & increased 911 Tax) | TBD        |  | \$5,560,508        |  |  | \$5,560,508        |
| Non-City                               |            |  |                    |  |  |                    |
| Private/Donations                      |            |  |                    |  |  |                    |
| Federal Grant                          |            |  |                    |  |  |                    |
| State Grant                            |            |  |                    |  |  |                    |
| <b>Total</b>                           | <b>TBD</b> |  | <b>\$5,560,508</b> |  |  | <b>\$5,560,508</b> |

\$66,000 Approved by the Commission in 2014 and funding from General Fund Cash Balance

PREPARER - Keith Hunke      PREPARER'S PHONE NUMBER - 355-1303



**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

AIRPORT

| Requested Project   | Rank | Cost to be Funded | Funding                               |     | Projected Costs Per Year |                  |            |           |         |        |   |   |
|---|------|-------------------|---------------------------------------|-----|--------------------------|------------------|------------|-----------|---------|--------|---|---|
|   |      |                   | Source                                | %   | 2017                     | 2018             | 2019       | 2020      | 2021    |        |   |   |
| Rehabilitate Runway 13-31 (Reconstruction)<br>3 Years of Construction       | 1    | 66,784,000        | Airpt Operations                      | 9   | <b>6,248,000</b>         | -                | -          | -         | -       |        |   |   |
|   |      |                   | General Fund                          | 16  | -                        | 10,260,200       | 601,150    | -         | -       |        |   |   |
|   |      |                   | Revenue Bonds                         | 15  | <b>3,543,000</b>         | 6,457,000        | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 54  | <b>12,000,000</b>        | 13,179,300       | 10,820,700 | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 6   | <b>1,500,000</b>         | 1,573,500        | 601,150    | -         | -       |        |   |   |
| Plans & Specifications for 2018 Rehab<br>Runway 13-31                       | 2    | 500,000           | Airpt Operations                      | 5   | <b>25,000</b>            | -                | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | <b>450,000</b>           | -                | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | <b>25,000</b>            | -                | -          | -         | -       |        |   |   |
| Planning & Engineering Design Report for<br>Runway 3-21 and Taxiway D Rehab | 3    | 230,000           | Airpt Operations                      | 5   | -                        | 11,500           | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | 207,000          | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | 11,500           | -          | -         | -       |        |   |   |
| Hangar 5 Disposition  | 4    | 300,000           | Airpt Operations                      | 5   | -                        | 15,000           | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | 270,000          | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | 15,000           | -          | -         | -       |        |   |   |
| Expand GA Ramp to Northwest - Phase 4                                       | 5    | 2,000,000         | Airpt Operations                      | 5   | -                        | 100,000          | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | 1,800,000        | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | 100,000          | -          | -         | -       |        |   |   |
| Plans & Specifications for Wetland<br>Mitigation - Phase 5A (On-Airport)    | 6    | 800,000           | Airpt Operations                      | 5   | -                        | 40,000           | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | 720,000          | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | 40,000           | -          | -         | -       |        |   |   |
| Short Term Parking Lots Rehab (Rejuv)                                       | 7    | 100,000           | Airpt Operations                      | 100 | -                        | 100,000          | -          | -         | -       |        |   |   |
| Plans and Specifications for 2019<br>Construction Projects                  | 8    | 500,000           | Airpt Operations                      | 5   | -                        | 25,000           | -          | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | 450,000          | -          | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | 25,000           | -          | -         | -       |        |   |   |
| Plans & Specs for Runway 3/21 & Taxiway<br>D Rehabilitation                 | 9    | 600,000           | Airpt Operations                      | 5   | -                        | -                | 30,000     | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | -                | 540,000    | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | -                | 30,000     | -         | -       |        |   |   |
| Expand Passenger Parking  | 10   | 1,500,000         | Airpt Operations                      | 100 | -                        | -                | 1,500,000  | -         | -       |        |   |   |
|   |      |                   | Taxiway Rehabilitation (Rejuvenation) | 11  | 350,000                  | Airpt Operations | 5          | -         | -       | 17,500 | - | - |
|   |      |                   | Federal Grant                         |     |                          | 90               | -          | -         | 315,000 | -      | - |   |
| State Grant   | 5    | -                 | -                                     |     |                          | 17,500           | -          | -         |         |        |   |   |
| Jet way Ave, Corporate Ci, and Lancair Dr<br>Rehabilitation (Rejuvenation)  | 12   | 120,000           | Airpt Operations                      | 5   | -                        | -                | 6,000      | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | -                | 108,000    | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | -                | 6,000      | -         | -       |        |   |   |
| Plans and Specifications for 2020   | 13   | 500,000           | Airpt Operations                      | 5   | -                        | -                | 25,000     | -         | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | -                | 450,000    | -         | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | -                | 25,000     | -         | -       |        |   |   |
| Rehabilitate Runway 3-21  | 14   | 6,900,000         | Airpt Operations                      | 5   | -                        | -                | -          | 345,000   | -       |        |   |   |
|   |      |                   | Federal Grant                         | 90  | -                        | -                | -          | 6,210,000 | -       |        |   |   |
|   |      |                   | State Grant                           | 5   | -                        | -                | -          | 345,000   | -       |        |   |   |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

AIRPORT

| Requested Project  | Rank | Cost to be Funded | Funding          |     | Projected Costs Per Year |      |      |            |            |
|--|------|-------------------|------------------|-----|--------------------------|------|------|------------|------------|
|  |      |                   | Source           | %   | 2017                     | 2018 | 2019 | 2020       | 2021       |
| Rehabilitate Taxiway D   | 15   | 4,650,000         | Airpt Operations | 5   | -                        | -    | -    | 232,500    | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 4,185,000  | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 232,500    | -          |
| Wetland Mitigation - Phase 5A (On-Airport)   | 16   | 13,000,000        | Airpt Operations | 5   | -                        | -    | -    | 650,000    | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 11,700,000 | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 650,000    | -          |
| Deicing Fluid Treatment Improvements   | 17   | 600,000           | Airpt Operations | 5   | -                        | -    | -    | 30,000     | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 540,000    | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 30,000     | -          |
| Expand Commercial Terminal   | 18   | 4,000,000         | Airpt Operations | 5   | -                        | -    | -    | 200,000    | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 3,600,000  | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 200,000    | -          |
| Purchase Snow Removal Equipment  | 19   | 700,000           | Airpt Operations | 100 | -                        | -    | -    | 700,000    | -          |
| Environmental Assessment for Runway<br>13 RPZ Land Purchase - Phase II                           | 20   | 500,000           | Airpt Operations | 5   | -                        | -    | -    | 25,000     | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 450,000    | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 25,000     | -          |
| Plans and Specifications for 2021  | 21   | 500,000           | Airpt Operations | 5   | -                        | -    | -    | 25,000     | -          |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | 450,000    | -          |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | 25,000     | -          |
| Wetland Mitigation - Phase 5B (On-Airport)<br>Central Watershed Channel & Wetland<br>Improvement | 22   | 12,800,000        | Airpt Operations | 5   | -                        | -    | -    | -          | 640,000    |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 11,520,000 |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 640,000    |
| Wetland Mitigation - Phase 5B Replace<br>Open Channel Adjacent to Control Tower                  | 23   | 800,000           | Airpt Operations | 5   | -                        | -    | -    | -          | 40,000     |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 720,000    |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 40,000     |
| Commercial Service Terminal<br>Rehabilitation  | 24   | 1,500,000         | Airpt Operations | 5   | -                        | -    | -    | -          | 75,000     |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 1,350,000  |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 75,000     |
| Construction South Side Service Road   | 25   | 1,500,000         | Airpt Operations | 5   | -                        | -    | -    | -          | 75,000     |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 1,350,000  |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 75,000     |
| Commercial & GA Ramp Panel<br>Replacement  | 26   | 1,000,000         | Airpt Operations | 5   | -                        | -    | -    | -          | 50,000     |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 900,000    |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 50,000     |
| Purchase Snow Removal Equipment  | 27   | 750,000           | Airpt Operations | 100 | -                        | -    | -    | -          | 750,000    |
| ARFF Truck   | 28   | 750,000           | Airpt Operations | 100 | -                        | -    | -    | -          | 750,000    |
| Rehabilitate/Expand Snow Removal Equip<br>Building, New Snow Removal Equip Bldg                  | 29   | 1,500,000         | Airpt Operations | 5   | -                        | -    | -    | -          | 75,000     |
|  |      |                   | Federal Grant    | 90  | -                        | -    | -    | -          | 1,350,000  |
|  |      |                   | State Grant      | 5   | -                        | -    | -    | -          | 75,000     |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

AIRPORT

| Requested Project                             | Rank | Cost to be Funded  | Funding          |    | Projected Costs Per Year |            |            |            |            |
|---|------|--------------------|------------------|----|--------------------------|------------|------------|------------|------------|
|   |      |                    | Source           | %  | 2017                     | 2018       | 2019       | 2020       | 2021       |
| Relocate Airway Ave/Airport Road Intersection | 30   | 300,000            | Airpt Operations | 5  | -                        | -          | -          | -          | 15,000     |
|   |      |                    | Federal Grant    | 90 | -                        | -          | -          | -          | 270,000    |
|   |      |                    | State Grant      | 5  | -                        | -          | -          | -          | 15,000     |
| Plans and Specifications for 2022             | 31   | 500,000            | Airpt Operations | 5  | -                        | -          | -          | -          | 25,000     |
|   |      |                    | Federal Grant    | 90 | -                        | -          | -          | -          | 450,000    |
|   |      |                    | State Grant      | 5  | -                        | -          | -          | -          | 25,000     |
| <b>TOTAL</b>                                  |      | <b>126,534,000</b> |                  |    | <b>23,791,000</b>        | 35,400,000 | 15,093,000 | 30,850,000 | 21,400,000 |
| <b>NON-CITY FUNDING</b>                       |      | <b>92,827,150</b>  |                  |    | <b>13,975,000</b>        | 18,391,300 | 12,913,350 | 28,642,500 | 18,905,000 |
| <b>TOTAL CITY FUNDING</b>                     |      | <b>33,706,850</b>  |                  |    | <b>9,816,000</b>         | 17,008,700 | 2,179,650  | 2,207,500  | 2,495,000  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Rehabilitate Runway 13-31 (Reconstruction)      Priority 1 of 31      1st Year: 2014

Description: 2017 - Rehabilitate and Strengthen Runway 13-31. Reconstruct south portion of Runway 13-31 from taxiway D intersection to south end.  
 2018 - Rehabilitate and Strengthen Runway 13-31. Reconstruct center portion of runway 13-31 (approximately 5495 feet).  
 2019 - Rehabilitate (Reconstruction) of Runway 13-31. Rebuild of north 1100 feet of runway 13-31.

Justification: In 2011, some of the Pavement Condition Index (PCI) ratings on Runway 13/31 were as low as 42. Some of the pavements were constructed as early 1952. The runway surface is exhibiting signs of pavement failure, with significant deterioration of longitudinal joints and differential movement. As a result, the best long term solution is to reconstruct Runway 13/31.

Scheduling and Project Status      2017-2019

Annual Impact on Income and Operating Costs      Project will be awarded in 2016 but construction in 2017 so costs are shown in 2017 budget year.  
 Project will be awarded in 2017 but construction in 2018 so costs are shown in 2018 budget year.  
 Project will be awarded in 2018 but construction in 2019 so costs are shown in 2019 budget year.

| <b>Project Costs:</b>         | <b>2017</b>         | <b>2018</b>         | <b>2019</b>         | <b>2020</b> | <b>2021</b> | <b>Total</b>        |
|-------------------------------|---------------------|---------------------|---------------------|-------------|-------------|---------------------|
| Planning & Preliminary Design |                     |                     |                     |             |             |                     |
| Engineering/Architectural     |                     |                     |                     |             |             |                     |
| Construction                  | \$23,291,000        | \$31,470,000        | \$12,023,000        |             |             | \$66,784,000        |
| Other (specify)               |                     |                     |                     |             |             |                     |
| <b>Total</b>                  | <b>\$23,291,000</b> | <b>\$31,470,000</b> | <b>\$12,023,000</b> |             |             | <b>\$66,784,000</b> |

| <b>Project Funding:</b>          |                     |                     |                     |  |  |                     |
|----------------------------------|---------------------|---------------------|---------------------|--|--|---------------------|
| <b>City</b>                      |                     |                     |                     |  |  |                     |
| Enterprise Construction Reserves | \$6,248,000         |                     |                     |  |  | \$6,248,000         |
| Motel/Liquor/Restaurant          |                     |                     |                     |  |  |                     |
| Building Construction            |                     |                     |                     |  |  |                     |
| Sales Tax Fund                   |                     |                     |                     |  |  |                     |
| Special Assessment Bonds         |                     |                     |                     |  |  |                     |
| General Fund                     |                     | \$10,260,200        | \$601,150           |  |  | \$10,861,350        |
| Other (specify) Revenue Bonds    | \$3,543,000         | \$6,457,000         |                     |  |  | \$10,000,000        |
| <b>Non-City</b>                  |                     |                     |                     |  |  |                     |
| Private/Donations                |                     |                     |                     |  |  |                     |
| Federal Grant                    | \$12,000,000        | \$13,179,300        | \$10,820,700        |  |  | \$36,000,000        |
| State Grant                      | \$1,500,000         | \$1,573,500         | \$601,150           |  |  | \$3,674,650         |
| <b>Total</b>                     | <b>\$23,291,000</b> | <b>\$31,470,000</b> | <b>\$12,023,000</b> |  |  | <b>\$66,784,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1806 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Plans & Specifications for 2018 Rehabilitate Runway 13-31      Priority 2 of 31      1st Year: 2016

Description: Prepare the plans and specifications for the second year of runway reconstruction. Plans will be developed for reconstructing the center 5495 feet of runway 13-31.

Justification: Produces engineer estimate for use in budgeting the following year, produces bid specifications so that projects can be bid early in the year. Allows completion of environmental actions needed for FAA and state grant applications.

Scheduling and Project Status      2017

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design | \$500,000        |             |             |             |             | <b>\$500,000</b> |
| Engineering/Architectural     |                  |             |             |             |             |                  |
| Construction                  |                  |             |             |             |             |                  |
| Other (specify)               |                  |             |             |             |             |                  |
| <b>Total</b>                  | <b>\$500,000</b> |             |             |             |             | <b>\$500,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|----------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| <b>City</b>                      |                  |             |             |             |             |                  |
| Enterprise Construction Reserves | \$25,000         |             |             |             |             | <b>\$25,000</b>  |
| Motel/Liquor/Restaurant          |                  |             |             |             |             |                  |
| Building Construction            |                  |             |             |             |             |                  |
| Sales Tax Fund                   |                  |             |             |             |             |                  |
| Special Assessment Bonds         |                  |             |             |             |             |                  |
| General Fund                     |                  |             |             |             |             |                  |
| Other (specify) Revenue Bonds    |                  |             |             |             |             |                  |
| <b>Non-City</b>                  |                  |             |             |             |             |                  |
| Private/Donations                |                  |             |             |             |             |                  |
| Federal Grant                    | \$450,000        |             |             |             |             | <b>\$450,000</b> |
| State Grant                      | \$25,000         |             |             |             |             | <b>\$25,000</b>  |
| <b>Total</b>                     | <b>\$500,000</b> |             |             |             |             | <b>\$500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Planning & Engineering Design Report for Runway 3-21 and Taxiway D Rehabilitation      Priority 3 of 31      1st Year: 2016

Description: This project involves design services and investigations. Including a topographic survey of Runway 3-21 and preparation of an Engineering Design Report on Runway 3-21. Request will provide options and solutions for rehabilitation.

Justification: The rehabilitation of runway 03/21 and Taxiway D will allow Bismarck Airport to maintain runway 03/21 and Taxiway D for aviation traffic. Requirement for federal funds.

Scheduling and Project Status      2018

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>      | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |             | \$230,000        |             |             |             | \$230,000        |
| Engineering/Architectural     |             |                  |             |             |             |                  |
| Construction                  |             |                  |             |             |             |                  |
| Other (specify)               |             |                  |             |             |             |                  |
| <b>Total</b>                  |             | <b>\$230,000</b> |             |             |             | <b>\$230,000</b> |

| <b>Project Funding:</b>          |  |          |  |  |  |          |
|----------------------------------|--|----------|--|--|--|----------|
| <b>City</b>                      |  |          |  |  |  |          |
| Enterprise Construction Reserves |  | \$11,500 |  |  |  | \$11,500 |
| Motel/Liquor/Restaurant          |  |          |  |  |  |          |
| Building Construction            |  |          |  |  |  |          |
| Sales Tax Fund                   |  |          |  |  |  |          |
| Special Assessment Bonds         |  |          |  |  |  |          |
| General Fund                     |  |          |  |  |  |          |
| Other (specify) Revenue Bonds    |  |          |  |  |  |          |

| <b>Non-City</b>   |  |                  |  |  |  |                  |
|-------------------|--|------------------|--|--|--|------------------|
| Private/Donations |  |                  |  |  |  |                  |
| Federal Grant     |  | \$207,000        |  |  |  | \$207,000        |
| State Grant       |  | \$11,500         |  |  |  | \$11,500         |
| <b>Total</b>      |  | <b>\$230,000</b> |  |  |  | <b>\$230,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|   |                                     |                         |                |             |             |                  |
|---|-------------------------------------|-------------------------|----------------|-------------|-------------|------------------|
| Department: Airport   | Project Title: Hangar 5 Disposition | Priority 4 of 31        | 1st Year: 2014 |             |             |                  |
| Description: Relocate Hangar 5. Continues expansion of GA ramp to Northwest and include commercial ramp concrete panel replacements.  |                                     |                         |                |             |             |                  |
| Justification Third Phase of a plan to reconfigure the General Aviation (GA) ramp to allow development of areas made available following re-alignment of University Drive/Highway 1804. Accomodates increasing apron requirements related to increasing general aviation users in Western/ Central North Dakota. Also expands GA ramp to meet immediate development needs of commercial aeronautical service providers. |                                     |                         |                |             |             |                  |
| Scheduling and Project Status 2018  |                                     |                         |                |             |             |                  |
| Annual Impact on Income and Operating Costs   |                                     |                         |                |             |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>                         | <b>2018</b>             | <b>2019</b>    | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |                                     |                         |                |             |             |                  |
| Engineering/Architectural   |                                     |                         |                |             |             |                  |
| Construction  |                                     |                         |                |             |             |                  |
| Other (specify)   |                                     | \$300,000               |                |             |             | \$300,000        |
| <b>Total</b>  |                                     | <b>\$300,000</b>        |                |             |             | <b>\$300,000</b> |
| <b>Project Funding:</b>   |                                     |                         |                |             |             |                  |
| <b>City</b>   |                                     |                         |                |             |             |                  |
| Enterprise Construction Reserves  |                                     | \$15,000                |                |             |             | \$15,000         |
| Motel/Liquor/Restaurant   |                                     |                         |                |             |             |                  |
| Building Construction   |                                     |                         |                |             |             |                  |
| Sales Tax Fund  |                                     |                         |                |             |             |                  |
| Special Assessment Bonds  |                                     |                         |                |             |             |                  |
| General Fund  |                                     |                         |                |             |             |                  |
| Other (specify) Revenue Bonds   |                                     |                         |                |             |             |                  |
| <b>Non-City</b>   |                                     |                         |                |             |             |                  |
| Private/Donations   |                                     |                         |                |             |             |                  |
| Federal Grant   |                                     | \$270,000               |                |             |             | \$270,000        |
| State Grant   |                                     | \$15,000                |                |             |             | \$15,000         |
| <b>Total</b>  |                                     | <b>\$300,000</b>        |                |             |             | <b>\$300,000</b> |
| PREPARER  | Tim Thorsen                         | PREPARER'S PHONE NUMBER |                | 355-1808    |             |                  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Expand GA Ramp to Northwest - Phase 4      Priority 5 of 31      1st Year: 2014

Description: Continues expansion of the GA Apron to the Northwest and includes concrete panel replacements.

Justification: Fourth phase of a plan to expand GA Apron. Allows development of the GA Apron as shown in the Airport Layout Plan and Airport Master Plan. Accommodates increasing requirements related to increasing GA aviation users in Western/Central North Dakota and resultant need to expand FBO hangar facilities.

Scheduling and Project Status      2018

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>        | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>       |
|-------------------------------|-------------|--------------------|-------------|-------------|-------------|--------------------|
| Planning & Preliminary Design |             |                    |             |             |             |                    |
| Engineering/Architectural     |             |                    |             |             |             |                    |
| Construction                  |             | \$2,000,000        |             |             |             | \$2,000,000        |
| Other (specify)               |             |                    |             |             |             |                    |
| <b>Total</b>                  |             | <b>\$2,000,000</b> |             |             |             | <b>\$2,000,000</b> |

| <b>Project Funding:</b>          |  |                    |  |  |  |                    |
|----------------------------------|--|--------------------|--|--|--|--------------------|
| <b>City</b>                      |  |                    |  |  |  |                    |
| Enterprise Construction Reserves |  | \$100,000          |  |  |  | \$100,000          |
| Motel/Liquor/Restaurant          |  |                    |  |  |  |                    |
| Building Construction            |  |                    |  |  |  |                    |
| Sales Tax Fund                   |  |                    |  |  |  |                    |
| Special Assessment Bonds         |  |                    |  |  |  |                    |
| General Fund                     |  |                    |  |  |  |                    |
| Other (specify) Revenue Bonds    |  |                    |  |  |  |                    |
| <b>Non-City</b>                  |  |                    |  |  |  |                    |
| Private/Donations                |  |                    |  |  |  |                    |
| Federal Grant                    |  | \$1,800,000        |  |  |  | \$1,800,000        |
| State Grant                      |  | \$100,000          |  |  |  | \$100,000          |
| <b>Total</b>                     |  | <b>\$2,000,000</b> |  |  |  | <b>\$2,000,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Plans & Specifications for Wetland Mitigation - Phase 5A (On-Airport)      Priority 6 of 31      1st Year: 2015  
 Description: Wetland filling at the Runway 31 End of Runway 13/31.

Justification: Wetlands Mitigation is required by the Wildlife Hazard Plan in order to reduce wildlife hazards to the airport and to aircraft operating at the airport.

Scheduling and Project Status: 2018

Annual Impact on Income and Operating Costs:

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>      | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |             | \$800,000        |             |             |             | <b>\$800,000</b> |
| Engineering/Architectural     |             |                  |             |             |             |                  |
| Construction                  |             |                  |             |             |             |                  |
| Other (specify)               |             |                  |             |             |             |                  |
| <b>Total</b>                  |             | <b>\$800,000</b> |             |             |             | <b>\$800,000</b> |

| <b>Project Funding:</b>          |  |                  |  |  |  |                  |
|----------------------------------|--|------------------|--|--|--|------------------|
| <b>City</b>                      |  |                  |  |  |  |                  |
| Enterprise Construction Reserves |  | \$40,000         |  |  |  | <b>\$40,000</b>  |
| Motel/Liquor/Restaurant          |  |                  |  |  |  |                  |
| Building Construction            |  |                  |  |  |  |                  |
| Sales Tax Fund                   |  |                  |  |  |  |                  |
| Special Assessment Bonds         |  |                  |  |  |  |                  |
| General Fund                     |  |                  |  |  |  |                  |
| Other (specify) Revenue Bonds    |  |                  |  |  |  |                  |
| <b>Non-City</b>                  |  |                  |  |  |  |                  |
| Private/Donations                |  |                  |  |  |  |                  |
| Federal Grant                    |  | \$720,000        |  |  |  | <b>\$720,000</b> |
| State Grant                      |  | \$40,000         |  |  |  | <b>\$40,000</b>  |
| <b>Total</b>                     |  | <b>\$800,000</b> |  |  |  | <b>\$800,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|                     |   |                  |                |
|---------------------|---|------------------|----------------|
| Department: Airport | Project Title: Short Term Parking Lot Rehabilitation (Rejuvenation) | Priority 7 of 31 | 1st Year: 2015 |
|---------------------|---|------------------|----------------|

Description: Rehabilitate the paved parking lot surfaces (Seal with Rejuvenator).

Justification: Extends the useful life of the paved surfaces.

Scheduling and Project Status: 2018

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018             | 2019 | 2020 | 2021 | Total            |
|-------------------------------|------|------------------|------|------|------|------------------|
| Planning & Preliminary Design |      |                  |      |      |      |                  |
| Engineering/Architectural     |      |                  |      |      |      |                  |
| Construction                  |      | \$100,000        |      |      |      | \$100,000        |
| Other (specify)               |      |                  |      |      |      |                  |
| <b>Total</b>                  |      | <b>\$100,000</b> |      |      |      | <b>\$100,000</b> |

| Project Funding:                 | 2017 | 2018             | 2019 | 2020 | 2021 | Total            |
|----------------------------------|------|------------------|------|------|------|------------------|
| <b>City</b>                      |      |                  |      |      |      |                  |
| Enterprise Construction Reserves |      | \$100,000        |      |      |      | \$100,000        |
| Motel/Liquor/Restaurant          |      |                  |      |      |      |                  |
| Building Construction            |      |                  |      |      |      |                  |
| Sales Tax Fund                   |      |                  |      |      |      |                  |
| Special Assessment Bonds         |      |                  |      |      |      |                  |
| General Fund                     |      |                  |      |      |      |                  |
| Other (specify) Revenue Bonds    |      |                  |      |      |      |                  |
| <b>Non-City</b>                  |      |                  |      |      |      |                  |
| Private/Donations                |      |                  |      |      |      |                  |
| Federal Grant                    |      |                  |      |      |      |                  |
| State Grant                      |      |                  |      |      |      |                  |
| <b>Total</b>                     |      | <b>\$100,000</b> |      |      |      | <b>\$100,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|   |  |                         |                |             |             |                  |
|---|--|-------------------------|----------------|-------------|-------------|------------------|
| Department: Airport   | Project Title: Plans & Specifications for 2019 Construction Projects | Priority 8 of 31        | 1st Year: 2016 |             |             |                  |
| Description: Prepare the plans and specifications for the 2019 construction projects at the Bismarck Airport.   |  |                         |                |             |             |                  |
| Justification: Produces engineer estimate for use in budgeting the following year, produces bid specifications so that projects can be bid early in the year. Allows completion of environmental actions needed for FAA and grant applications. |  |                         |                |             |             |                  |
| Scheduling and Project Status: 2018   |  |                         |                |             |             |                  |
| Annual Impact on Income and Operating Costs:  |  |                         |                |             |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>  | <b>2018</b>             | <b>2019</b>    | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |  | \$500,000               |                |             |             | \$500,000        |
| Engineering/Architectural   |  |                         |                |             |             |                  |
| Construction  |  |                         |                |             |             |                  |
| Other (specify)   |  |                         |                |             |             |                  |
| <b>Total</b>  |  | <b>\$500,000</b>        |                |             |             | <b>\$500,000</b> |
| <b>Project Funding:</b>   |  |                         |                |             |             |                  |
| <b>City</b>   |  |                         |                |             |             |                  |
| Enterprise Construction Reserves  |  | \$25,000                |                |             |             | \$25,000         |
| Motel/Liquor/Restaurant   |  |                         |                |             |             |                  |
| Building Construction   |  |                         |                |             |             |                  |
| Sales Tax Fund  |  |                         |                |             |             |                  |
| Special Assessment Bonds  |  |                         |                |             |             |                  |
| General Fund  |  |                         |                |             |             |                  |
| Other (specify) Revenue Bonds   |  |                         |                |             |             |                  |
| <b>Non-City</b>   |  |                         |                |             |             |                  |
| Private/Donations   |  |                         |                |             |             |                  |
| Federal Grant   |  | \$450,000               |                |             |             | \$450,000        |
| State Grant   |  | \$25,000                |                |             |             | \$25,000         |
| <b>Total</b>  |  | <b>\$500,000</b>        |                |             |             | <b>\$500,000</b> |
| PREPARER  | Tim Thorsen  | PREPARER'S PHONE NUMBER |                | 355-1808    |             |                  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Plans & Specifications for Runway 3-21 And Taxiway D Rehabilitation      Priority 9 of 31      1st Year: 2016

Description: Prepare plans and specifications for runway 3-21 and taxiway D rehabilitation. Specifications will be made for runway 3-21 to be milled and overlaid. The overlay will increase thickness and strength rating of the runway. Taxiway D plans will be for a mill and overlay, includes miscellaneous items.

Justification: Produces estimate for use in budget. Produces bid specifications so the project can be bid. Allows completion of environmental actions needed for FAA and State grant applications.

Scheduling and Project Status: 2019

Annual Impact on Income and Operating Costs: Project will be awarded in 2018 but construction in 2019 so costs are shown in 2019 budget year.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b>      | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|-------------|------------------|-------------|-------------|------------------|
| Planning & Preliminary Design |             |             | \$600,000        |             |             | \$600,000        |
| Engineering/Architectural     |             |             |                  |             |             |                  |
| Construction                  |             |             |                  |             |             |                  |
| Other (specify)               |             |             |                  |             |             |                  |
| <b>Total</b>                  |             |             | <b>\$600,000</b> |             |             | <b>\$600,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>City</b>                      |             |             |             |             |             |              |
| Enterprise Construction Reserves |             |             | \$30,000    |             |             | \$30,000     |
| Motel/Liquor/Restaurant          |             |             |             |             |             |              |
| Building Construction            |             |             |             |             |             |              |
| Sales Tax Fund                   |             |             |             |             |             |              |
| Special Assessment Bonds         |             |             |             |             |             |              |
| General Fund                     |             |             |             |             |             |              |
| Other (specify) Revenue Bonds    |             |             |             |             |             |              |

| <b>Non-City</b>   | <b>2017</b> | <b>2018</b> | <b>2019</b>      | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------|-------------|-------------|------------------|-------------|-------------|------------------|
| Private/Donations |             |             |                  |             |             |                  |
| Federal Grant     |             |             | \$540,000        |             |             | \$540,000        |
| State Grant       |             |             | \$30,000         |             |             | \$30,000         |
| <b>Total</b>      |             |             | <b>\$600,000</b> |             |             | <b>\$600,000</b> |

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|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|                     |   |                   |                |
|---------------------|---|-------------------|----------------|
| Department: Airport | Project Title: Expand Passenger Parking | Priority 10 of 31 | 1st Year: 2014 |
|---------------------|---|-------------------|----------------|

Description: Expand Passenger Parking Lot.

Justification: Increase of passenger parking will help meet the increasing passenger growth.

Scheduling and Project Status: 2019

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019               | 2020 | 2021 | Total              |
|-------------------------------|------|------|--------------------|------|------|--------------------|
| Planning & Preliminary Design |      |      |                    |      |      |                    |
| Engineering/Architectural     |      |      |                    |      |      |                    |
| Construction                  |      |      | \$1,500,000        |      |      | \$1,500,000        |
| Other (specify)               |      |      |                    |      |      |                    |
| <b>Total</b>                  |      |      | <b>\$1,500,000</b> |      |      | <b>\$1,500,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019               | 2020 | 2021 | Total              |
|----------------------------------|------|------|--------------------|------|------|--------------------|
| <b>City</b>                      |      |      |                    |      |      |                    |
| Enterprise Construction Reserves |      |      | \$1,500,000        |      |      | \$1,500,000        |
| Motel/Liquor/Restaurant          |      |      |                    |      |      |                    |
| Building Construction            |      |      |                    |      |      |                    |
| Sales Tax Fund                   |      |      |                    |      |      |                    |
| Special Assessment Bonds         |      |      |                    |      |      |                    |
| General Fund                     |      |      |                    |      |      |                    |
| Other (specify) Revenue Bonds    |      |      |                    |      |      |                    |
| <b>Non-City</b>                  |      |      |                    |      |      |                    |
| Private/Donations                |      |      |                    |      |      |                    |
| Federal Grant                    |      |      |                    |      |      |                    |
| State Grant                      |      |      |                    |      |      |                    |
| <b>Total</b>                     |      |      | <b>\$1,500,000</b> |      |      | <b>\$1,500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|   |  |                   |                |
|---|--|-------------------|----------------|
| Department: Airport   | Project Title: Taxiway Rehabilitation (Rejuvenation) | Priority 11 of 31 | 1st Year: 2016 |
| Description: Rehabilitation of airport taxiways with a seal coat.     |  |                   |                |
| Justification: Preserve functionality and extend taxiway useful life. |  |                   |                |
| Scheduling and Project Status: 2019                                   |  |                   |                |
| Annual Impact on Income and Operating Costs:                          |  |                   |                |

| Project Costs:                | 2017 | 2018 | 2019             | 2020 | 2021 | Total            |
|-------------------------------|------|------|------------------|------|------|------------------|
| Planning & Preliminary Design |      |      |                  |      |      |                  |
| Engineering/Architectural     |      |      |                  |      |      |                  |
| Construction                  |      |      | \$350,000        |      |      | \$350,000        |
| Other (specify)               |      |      |                  |      |      |                  |
| <b>Total</b>                  |      |      | <b>\$350,000</b> |      |      | <b>\$350,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019             | 2020 | 2021 | Total            |
|----------------------------------|------|------|------------------|------|------|------------------|
| <b>City</b>                      |      |      |                  |      |      |                  |
| Enterprise Construction Reserves |      |      | \$17,500         |      |      | \$17,500         |
| Motel/Liquor/Restaurant          |      |      |                  |      |      |                  |
| Building Construction            |      |      |                  |      |      |                  |
| Sales Tax Fund                   |      |      |                  |      |      |                  |
| Special Assessment Bonds         |      |      |                  |      |      |                  |
| General Fund                     |      |      |                  |      |      |                  |
| Other (specify) Revenue Bonds    |      |      |                  |      |      |                  |
| <b>Non-City</b>                  |      |      |                  |      |      |                  |
| Private/Donations                |      |      |                  |      |      |                  |
| Federal Grant                    |      |      | \$315,000        |      |      | \$315,000        |
| State Grant                      |      |      | \$17,500         |      |      | \$17,500         |
| <b>Total</b>                     |      |      | <b>\$350,000</b> |      |      | <b>\$350,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Jetway Ave, Corporate Circle, & Lancair Dr. Rehabilitation (Rejuvenation)      Priority 12 of 31      1st Year: 2016

Description: Rehabilitation (rejuvenation) of Jetway Avenue, Corporate Circle, and Lancair Drive.

Justification: Service roads require regular maintenance and rehabilitation. The rehabilitation project will extend the useful life of the pavement surfaces and preserves capacity.

Scheduling and Project Status: 2019

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019             | 2020 | 2021 | Total            |
|-------------------------------|------|------|------------------|------|------|------------------|
| Planning & Preliminary Design |      |      |                  |      |      |                  |
| Engineering/Architectural     |      |      |                  |      |      |                  |
| Construction                  |      |      | \$120,000        |      |      | \$120,000        |
| Other (specify)               |      |      |                  |      |      |                  |
| <b>Total</b>                  |      |      | <b>\$120,000</b> |      |      | <b>\$120,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019             | 2020 | 2021 | Total            |
|----------------------------------|------|------|------------------|------|------|------------------|
| <b>City</b>                      |      |      |                  |      |      |                  |
| Enterprise Construction Reserves |      |      | \$6,000          |      |      | \$6,000          |
| Motel/Liquor/Restaurant          |      |      |                  |      |      |                  |
| Building Construction            |      |      |                  |      |      |                  |
| Sales Tax Fund                   |      |      |                  |      |      |                  |
| Special Assessment Bonds         |      |      |                  |      |      |                  |
| General Fund                     |      |      |                  |      |      |                  |
| Other (specify) Revenue Bonds    |      |      |                  |      |      |                  |
| <b>Non-City</b>                  |      |      |                  |      |      |                  |
| Private/Donations                |      |      |                  |      |      |                  |
| Federal Grant                    |      |      | \$108,000        |      |      | \$108,000        |
| State Grant                      |      |      | \$6,000          |      |      | \$6,000          |
| <b>Total</b>                     |      |      | <b>\$120,000</b> |      |      | <b>\$120,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Plans & Specifications for 2020      Priority 13 of 31      1st Year: 2015

Description: Prepare the plans and specifications for the 2020 construction projects at the Bismarck Airport.

Justification: Produces engineer estimate for use in budgeting the following year, produces bid specifications so that projects can be bid early in the year. Allows completion of environmental actions needed for FAA and state grant applications.

Scheduling and Project Status: 2019

Annual Impact on Income and Operating Costs:

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b>      | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|-------------|------------------|-------------|-------------|------------------|
| Planning & Preliminary Design |             |             | \$500,000        |             |             | \$500,000        |
| Engineering/Architectural     |             |             |                  |             |             |                  |
| Construction                  |             |             |                  |             |             |                  |
| Other (specify)               |             |             |                  |             |             |                  |
| <b>Total</b>                  |             |             | <b>\$500,000</b> |             |             | <b>\$500,000</b> |

| <b>Project Funding:</b>          |  |  |          |  |  |          |
|----------------------------------|--|--|----------|--|--|----------|
| <b>City</b>                      |  |  |          |  |  |          |
| Enterprise Construction Reserves |  |  | \$25,000 |  |  | \$25,000 |
| Motel/Liquor/Restaurant          |  |  |          |  |  |          |
| Building Construction            |  |  |          |  |  |          |
| Sales Tax Fund                   |  |  |          |  |  |          |
| Special Assessment Bonds         |  |  |          |  |  |          |
| General Fund                     |  |  |          |  |  |          |
| Other (specify) Revenue Bonds    |  |  |          |  |  |          |

| <b>Non-City</b>   |  |  |                  |  |  |                  |
|-------------------|--|--|------------------|--|--|------------------|
| Private/Donations |  |  |                  |  |  |                  |
| Federal Grant     |  |  | \$450,000        |  |  | \$450,000        |
| State Grant       |  |  | \$25,000         |  |  | \$25,000         |
| <b>Total</b>      |  |  | <b>\$500,000</b> |  |  | <b>\$500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|  |   |                   |                |
|--|---|-------------------|----------------|
| Department: Airport  | Project Title: Rehabilitate Runway 3-21 | Priority 14 of 31 | 1st Year: 2015 |
| Description: Rehabilitate (Reconstruction) of runway 3-21, (mill and overlay).   |   |                   |                |
| Justification: Rehabilitates pavement surfaces that are deteriorated. The state pavement condition study shows PCI of 48-74 indicates need to mill and overlay to restore runway. Runway will be strengthened and raise the pavement classification number allowing use by heavier aircraft. |   |                   |                |
| Scheduling and Project Status: 2020  |   |                   |                |
| Annual Impact on Income and Operating Costs: Project will be bid and awarded in 2019 but construction in 2020 so costs are shown in 2020 budget. year.   |   |                   |                |

| Project Costs:                | 2017 | 2018 | 2019 | 2020               | 2021 | Total              |
|-------------------------------|------|------|------|--------------------|------|--------------------|
| Planning & Preliminary Design |      |      |      |                    |      |                    |
| Engineering/Architectural     |      |      |      |                    |      |                    |
| Construction                  |      |      |      | \$6,900,000        |      | \$6,900,000        |
| Other (specify)               |      |      |      |                    |      |                    |
| <b>Total</b>                  |      |      |      | <b>\$6,900,000</b> |      | <b>\$6,900,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020               | 2021 | Total              |
|----------------------------------|------|------|------|--------------------|------|--------------------|
| <b>City</b>                      |      |      |      |                    |      |                    |
| Enterprise Construction Reserves |      |      |      | \$345,000          |      | \$345,000          |
| Motel/Liquor/Restaurant          |      |      |      |                    |      |                    |
| Building Construction            |      |      |      |                    |      |                    |
| Sales Tax Fund                   |      |      |      |                    |      |                    |
| Special Assessment Bonds         |      |      |      |                    |      |                    |
| General Fund                     |      |      |      |                    |      |                    |
| Other (specify) Revenue Bonds    |      |      |      |                    |      |                    |
| <b>Non-City</b>                  |      |      |      |                    |      |                    |
| Private/Donations                |      |      |      |                    |      |                    |
| Federal Grant                    |      |      |      | \$6,210,000        |      | \$6,210,000        |
| State Grant                      |      |      |      | \$345,000          |      | \$345,000          |
| <b>Total</b>                     |      |      |      | <b>\$6,900,000</b> |      | <b>\$6,900,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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|  |                                       |                               |                |                    |             |                    |
|--|---------------------------------------|-------------------------------|----------------|--------------------|-------------|--------------------|
| Department: Airport  | Project Title: Rehabilitate Taxiway D | Priority 15 of 31             | 1st Year: 2015 |                    |             |                    |
| Description: Rehabilitation of Taxiway D, (mill and overlay).  |                                       |                               |                |                    |             |                    |
| Justification: Extends the useful life of the paved surfaces for aircraft. Rehabilitated pavement surfaces that have deteriorated. State pavement condition index (PCI) studies project PCI of 46-72. Mill and Overlay is indicated at PCI numbers of 70 and below. Overlay will increase thickness to allow use by longer/heavier aircraft serving Bismarck Airport |                                       |                               |                |                    |             |                    |
| Scheduling and Project Status 2020   |                                       |                               |                |                    |             |                    |
| Annual Impact on Income and Operating Costs: Project will be bid and awarded in 2019 but construction will occur in 2020 so costs are shown in 2020 budget.  |                                       |                               |                |                    |             |                    |
| <b>Project Costs:</b>  | <b>2017</b>                           | <b>2018</b>                   | <b>2019</b>    | <b>2020</b>        | <b>2021</b> | <b>Total</b>       |
| Planning & Preliminary Design  |                                       |                               |                |                    |             |                    |
| Engineering/Architectural  |                                       |                               |                |                    |             |                    |
| Construction   |                                       |                               |                | \$4,650,000        |             | \$4,650,000        |
| Other (specify)  |                                       |                               |                |                    |             |                    |
| <b>Total</b>   |                                       |                               |                | <b>\$4,650,000</b> |             | <b>\$4,650,000</b> |
| <b>Project Funding:</b>  |                                       |                               |                |                    |             |                    |
| <b>City</b>  |                                       |                               |                |                    |             |                    |
| Enterprise Construction Reserves   |                                       |                               |                | \$232,500          |             | \$232,500          |
| Motel/Liquor/Restaurant  |                                       |                               |                |                    |             |                    |
| Building Construction  |                                       |                               |                |                    |             |                    |
| Sales Tax Fund   |                                       |                               |                |                    |             |                    |
| Special Assessment Bonds   |                                       |                               |                |                    |             |                    |
| General Fund   |                                       |                               |                |                    |             |                    |
| Other (specify) Revenue Bonds  |                                       |                               |                |                    |             |                    |
| <b>Non-City</b>  |                                       |                               |                |                    |             |                    |
| Private/Donations  |                                       |                               |                |                    |             |                    |
| Federal Grant  |                                       |                               |                | \$4,185,000        |             | \$4,185,000        |
| State Grant  |                                       |                               |                | \$232,500          |             | \$232,500          |
| <b>Total</b>   |                                       |                               |                | <b>\$4,650,000</b> |             | <b>\$4,650,000</b> |
| PREPARER   | Tim Thorsen                           | PREPARER'S<br>PHONE<br>NUMBER | 355-1808       |                    |             |                    |

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |  |                               |                |                     |             |                     |
|--|--|-------------------------------|----------------|---------------------|-------------|---------------------|
| Department: Airport  | Wetland Mitigation - Phase 5A (On-Airport) | Priority 16 of 31             | 1st Year: 2015 |                     |             |                     |
| Description: Wetland filling at the Runway 31 End of Runway 13/31.   |  |                               |                |                     |             |                     |
| Justification Wetlands Mitigation is required by the Wildlife Hazard Plan in order to reduce wildlife hazards to the airport and to aircraft operating at the airport. |  |                               |                |                     |             |                     |
| Scheduling and Project Status 2020   |  |                               |                |                     |             |                     |
| Annual Impact on Income and Operating Costs: Project will be bid and awarded in 2019 but construction will occur in 2020 so costs are shown in 2020 budget.            |  |                               |                |                     |             |                     |
| <b>Project Costs:</b>  | <b>2017</b>                                | <b>2018</b>                   | <b>2019</b>    | <b>2020</b>         | <b>2021</b> | <b>Total</b>        |
| Planning & Preliminary Design  |  |                               |                |                     |             |                     |
| Engineering/Architectural  |  |                               |                |                     |             |                     |
| Construction   |  |                               |                | \$13,000,000        |             | \$13,000,000        |
| Other (specify)  |  |                               |                |                     |             |                     |
| <b>Total</b>   |  |                               |                | <b>\$13,000,000</b> |             | <b>\$13,000,000</b> |
| <b>Project Funding:</b>  |  |                               |                |                     |             |                     |
| <b>City</b>  |  |                               |                |                     |             |                     |
| Enterprise Construction Reserves   |  |                               |                | \$650,000           |             | \$650,000           |
| Motel/Liquor/Restaurant  |  |                               |                |                     |             |                     |
| Building Construction  |  |                               |                |                     |             |                     |
| Sales Tax Fund   |  |                               |                |                     |             |                     |
| Special Assessment Bonds   |  |                               |                |                     |             |                     |
| General Fund   |  |                               |                |                     |             |                     |
| Other (specify) Revenue Bonds  |  |                               |                |                     |             |                     |
| <b>Non-City</b>  |  |                               |                |                     |             |                     |
| Private/Donations  |  |                               |                |                     |             |                     |
| Federal Grant  |  |                               |                | \$11,700,000        |             | \$11,700,000        |
| State Grant  |  |                               |                | \$650,000           |             | \$650,000           |
| <b>Total</b>   |  |                               |                | <b>\$13,000,000</b> |             | <b>\$13,000,000</b> |
| PREPARER   | Tim Thorsen                                | PREPARER'S<br>PHONE<br>NUMBER |                | 355-1808            |             |                     |

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |   |                   |                |
|--|---|-------------------|----------------|
| Department: Airport  | Project Title: Deicing Fluid Treatment Improvements | Priority 17 of 31 | 1st Year: 2016 |
| Description: Install area to stockpile snow and deicing fluid on terminal ramp. System will allow captured fluid to be metered into the wastewater system for treatment. |   |                   |                |
| Justification 2016 Airport drainage study recommends installation of deicing fluid treatment system to remain compliant with stormwater permit requirements.             |   |                   |                |
| Scheduling and Project Status 2020   |   |                   |                |
| Annual Impact on Income and Operating Costs  |   |                   |                |

| Project Costs:                | 2017 | 2018 | 2019 | 2020             | 2021 | Total            |
|-------------------------------|------|------|------|------------------|------|------------------|
| Planning & Preliminary Design |      |      |      |                  |      |                  |
| Engineering/Architectural     |      |      |      |                  |      |                  |
| Construction                  |      |      |      | \$600,000        |      | \$600,000        |
| Other (specify)               |      |      |      |                  |      |                  |
| <b>Total</b>                  |      |      |      | <b>\$600,000</b> |      | <b>\$600,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020             | 2021 | Total            |
|----------------------------------|------|------|------|------------------|------|------------------|
| <b>City</b>                      |      |      |      |                  |      |                  |
| Enterprise Construction Reserves |      |      |      | \$30,000         |      | \$30,000         |
| Motel/Liquor/Restaurant          |      |      |      |                  |      |                  |
| Building Construction            |      |      |      |                  |      |                  |
| Sales Tax Fund                   |      |      |      |                  |      |                  |
| Special Assessment Bonds         |      |      |      |                  |      |                  |
| General Fund                     |      |      |      |                  |      |                  |
| Other (specify) Revenue Bonds    |      |      |      |                  |      |                  |
| <b>Non-City</b>                  |      |      |      |                  |      |                  |
| Private/Donations                |      |      |      |                  |      |                  |
| Federal Grant                    |      |      |      | \$540,000        |      | \$540,000        |
| State Grant                      |      |      |      | \$30,000         |      | \$30,000         |
| <b>Total</b>                     |      |      |      | <b>\$600,000</b> |      | <b>\$600,000</b> |

|          |             |                         |          |
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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Expand Commercial Terminal      Priority 18 of 31      1st Year: 2016

Description: Expansion of commercial passenger terminal.

Justification: The Bismarck Airport is on a steady trend for increasing passengers and will need to be able to accommodate those growing demands with an expansion of the commercial passenger terminal.

Scheduling and Project Status: 2020

Annual Impact on Income and Operating Costs:

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b>        | <b>2021</b> | <b>Total</b>       |
|-------------------------------|-------------|-------------|-------------|--------------------|-------------|--------------------|
| Planning & Preliminary Design |             |             |             |                    |             |                    |
| Engineering/Architectural     |             |             |             |                    |             |                    |
| Construction                  |             |             |             | \$4,000,000        |             | \$4,000,000        |
| Other (specify)               |             |             |             |                    |             |                    |
| <b>Total</b>                  |             |             |             | <b>\$4,000,000</b> |             | <b>\$4,000,000</b> |

| <b>Project Funding:</b>          |  |  |  |                    |  |                    |
|----------------------------------|--|--|--|--------------------|--|--------------------|
| <b>City</b>                      |  |  |  |                    |  |                    |
| Enterprise Construction Reserves |  |  |  | \$200,000          |  | \$200,000          |
| Motel/Liquor/Restaurant          |  |  |  |                    |  |                    |
| Building Construction            |  |  |  |                    |  |                    |
| Sales Tax Fund                   |  |  |  |                    |  |                    |
| Special Assessment Bonds         |  |  |  |                    |  |                    |
| General Fund                     |  |  |  |                    |  |                    |
| Other (specify) Revenue Bonds    |  |  |  |                    |  |                    |
| <b>Non-City</b>                  |  |  |  |                    |  |                    |
| Private/Donations                |  |  |  |                    |  |                    |
| Federal Grant                    |  |  |  | \$3,600,000        |  | \$3,600,000        |
| State Grant                      |  |  |  | \$200,000          |  | \$200,000          |
| <b>Total</b>                     |  |  |  | <b>\$4,000,000</b> |  | <b>\$4,000,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|                     |  |                   |                |
|---------------------|--|-------------------|----------------|
| Department: Airport | Project Title: Purchase Snow Removal Equipment | Priority 19 of 31 | 1st Year: 2017 |
|---------------------|--|-------------------|----------------|

Description: Purchase Snow Removal Equipment (SRE).

Justification Required to meet Airport Certification Requirements. The airport is allowed ten (10) plows, five (5) snow blowers, five (5) sweepers, five (5) sand spreaders, and two (2) loaders to meet the minimum snow removal rate. The airport has eleven (11) pieces and is eligible for twenty seven (27) pieces.

Scheduling and Project Status 2020

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017 | 2018 | 2019 | 2020             | 2021 | Total            |
|-------------------------------|------|------|------|------------------|------|------------------|
| Planning & Preliminary Design |      |      |      |                  |      |                  |
| Engineering/Architectural     |      |      |      |                  |      |                  |
| Construction                  |      |      |      |                  |      |                  |
| Other (specify)               |      |      |      | \$700,000        |      | \$700,000        |
| <b>Total</b>                  |      |      |      | <b>\$700,000</b> |      | <b>\$700,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020             | 2021 | Total            |
|----------------------------------|------|------|------|------------------|------|------------------|
| <b>City</b>                      |      |      |      |                  |      |                  |
| Enterprise Construction Reserves |      |      |      | \$700,000        |      | \$700,000        |
| Motel/Liquor/Restaurant          |      |      |      |                  |      |                  |
| Building Construction            |      |      |      |                  |      |                  |
| Sales Tax Fund                   |      |      |      |                  |      |                  |
| Special Assessment Bonds         |      |      |      |                  |      |                  |
| General Fund                     |      |      |      |                  |      |                  |
| Other (specify) Revenue Bonds    |      |      |      |                  |      |                  |
| <b>Non-City</b>                  |      |      |      |                  |      |                  |
| Private/Donations                |      |      |      |                  |      |                  |
| Federal Grant                    |      |      |      |                  |      |                  |
| State Grant                      |      |      |      |                  |      |                  |
| <b>Total</b>                     |      |      |      | <b>\$700,000</b> |      | <b>\$700,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Environmental Assmt for Runway 13 RPZ Land Purchase Phase 2      Priority 20 of 31      1st Year: 2014

Description: Produce the Environmental Assessment for purchasing land for the Runway Protection Zone. Continue land purchasing from Phase I.

Justification: The 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: 2020

Annual Impact on Income and Operating Costs:

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b>      | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|-------------|-------------|------------------|-------------|------------------|
| Planning & Preliminary Design |             |             |             |                  |             |                  |
| Engineering/Architectural     |             |             |             |                  |             |                  |
| Construction                  |             |             |             | \$500,000        |             | \$500,000        |
| Other (specify)               |             |             |             |                  |             |                  |
| <b>Total</b>                  |             |             |             | <b>\$500,000</b> |             | <b>\$500,000</b> |

| <b>Project Funding:</b>          |  |  |  |          |  |          |
|----------------------------------|--|--|--|----------|--|----------|
| <b>City</b>                      |  |  |  |          |  |          |
| Enterprise Construction Reserves |  |  |  | \$25,000 |  | \$25,000 |
| Motel/Liquor/Restaurant          |  |  |  |          |  |          |
| Building Construction            |  |  |  |          |  |          |
| Sales Tax Fund                   |  |  |  |          |  |          |
| Special Assessment Bonds         |  |  |  |          |  |          |
| General Fund                     |  |  |  |          |  |          |
| Other (specify) Revenue Bonds    |  |  |  |          |  |          |

| <b>Non-City</b>   |  |  |  |                  |  |                  |
|-------------------|--|--|--|------------------|--|------------------|
| Private/Donations |  |  |  |                  |  |                  |
| Federal Grant     |  |  |  | \$450,000        |  | \$450,000        |
| State Grant       |  |  |  | \$25,000         |  | \$25,000         |
| <b>Total</b>      |  |  |  | <b>\$500,000</b> |  | <b>\$500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|   |  |                         |                |                  |             |                  |
|---|--|-------------------------|----------------|------------------|-------------|------------------|
| Department: Airport   | Project Title: Plans & Specifications for 2021 | Priority 21 of 31       | 1st Year: 2016 |                  |             |                  |
| Description: Prepare the plans and specifications for the 2021 construction projects at the Bismarck Airport.   |  |                         |                |                  |             |                  |
| Justification: Produces engineer estimate for use in budgeting the following year, produces bid specifications so that projects can be bid early in the year. Allows completion of environmental actions needed for FAA and grant applications. |  |                         |                |                  |             |                  |
| Scheduling and Project Status 2020  |  |                         |                |                  |             |                  |
| Annual Impact on Income and Operating Costs   |  |                         |                |                  |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>                                    | <b>2018</b>             | <b>2019</b>    | <b>2020</b>      | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |  |                         |                | \$500,000        |             | \$500,000        |
| Engineering/Architectural   |  |                         |                |                  |             |                  |
| Construction  |  |                         |                |                  |             |                  |
| Other (specify)   |  |                         |                |                  |             |                  |
| <b>Total</b>  |  |                         |                | <b>\$500,000</b> |             | <b>\$500,000</b> |
| <b>Project Funding:</b>   |  |                         |                |                  |             |                  |
| <b>City</b>   |  |                         |                |                  |             |                  |
| Enterprise Construction Reserves  |  |                         |                | \$25,000         |             | \$25,000         |
| Motel/Liquor/Restaurant   |  |                         |                |                  |             |                  |
| Building Construction   |  |                         |                |                  |             |                  |
| Sales Tax Fund  |  |                         |                |                  |             |                  |
| Special Assessment Bonds  |  |                         |                |                  |             |                  |
| General Fund  |  |                         |                |                  |             |                  |
| Other (specify) Revenue Bonds   |  |                         |                |                  |             |                  |
| <b>Non-City</b>   |  |                         |                |                  |             |                  |
| Private/Donations   |  |                         |                |                  |             |                  |
| Federal Grant   |  |                         |                | \$450,000        |             | \$450,000        |
| State Grant   |  |                         |                | \$25,000         |             | \$25,000         |
| <b>Total</b>  |  |                         |                | <b>\$500,000</b> |             | <b>\$500,000</b> |
| PREPARER  | Tim Thorsen                                    | PREPARER'S PHONE NUMBER |                | 355-1808         |             |                  |



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Proj Title: Wetland Mitigation - Ph 5B (On-Airprot) Ctrl Watershed Channel/Wetland Impr      Priority 22 of 31      1st Year: 2015

Description: Continues work stated in Phase 5A.

Justification Wetlands Mitigation is required by the Wildlife Hazard Plan in order to reduce wildlife hazards to the airport and to aircraft operating at the airport.

Scheduling and Project Status 2021

Annual Impact on Income and Operating Costs: Project will be bid and awarded in 2020 but construction will occur in 2021 so costs are shown in 2021. budget.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>         | <b>Total</b>        |
|-------------------------------|-------------|-------------|-------------|-------------|---------------------|---------------------|
| Planning & Preliminary Design |             |             |             |             |                     |                     |
| Engineering/Architectural     |             |             |             |             |                     |                     |
| Construction                  |             |             |             |             | \$12,800,000        | \$12,800,000        |
| Other (specify)               |             |             |             |             |                     |                     |
| <b>Total</b>                  |             |             |             |             | <b>\$12,800,000</b> | <b>\$12,800,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>         | <b>Total</b>        |
|----------------------------------|-------------|-------------|-------------|-------------|---------------------|---------------------|
| <b>City</b>                      |             |             |             |             |                     |                     |
| Enterprise Construction Reserves |             |             |             |             | \$640,000           | \$640,000           |
| Motel/Liquor/Restaurant          |             |             |             |             |                     |                     |
| Building Construction            |             |             |             |             |                     |                     |
| Sales Tax Fund                   |             |             |             |             |                     |                     |
| Special Assessment Bonds         |             |             |             |             |                     |                     |
| General Fund                     |             |             |             |             |                     |                     |
| Other (specify) Revenue Bonds    |             |             |             |             |                     |                     |
| <b>Non-City</b>                  |             |             |             |             |                     |                     |
| Private/Donations                |             |             |             |             |                     |                     |
| Federal Grant                    |             |             |             |             | \$11,520,000        | \$11,520,000        |
| State Grant                      |             |             |             |             | \$640,000           | \$640,000           |
| <b>Total</b>                     |             |             |             |             | <b>\$12,800,000</b> | <b>\$12,800,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Proj Title: Wetland Mitigation-Ph 5B Replace Open Channel Adjacent to Control Twr      Priority 23 of 31      1st Year: 2015

Description: Install a drainage pipe in the trench near the Control Tower.

Justification Wetlands Mitigation is required by the Wildlife Hazard Plan in order to reduce wildlife hazards to the airport and to aircraft operating at the airport.

Scheduling and Project Status 2021

Annual Impact on Income and Operating Costs: Project will be bid and awarded in 2020 but construction will occur in 2021 so costs are shown in 2021 budget.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>      | <b>Total</b>     |
|-------------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Planning & Preliminary Design |             |             |             |             |                  |                  |
| Engineering/Architectural     |             |             |             |             |                  |                  |
| Construction                  |             |             |             |             | \$800,000        | <b>\$800,000</b> |
| Other (specify)               |             |             |             |             |                  |                  |
| <b>Total</b>                  |             |             |             |             | <b>\$800,000</b> | <b>\$800,000</b> |

| <b>Project Funding:</b>          |  |  |  |  |                  |                  |
|----------------------------------|--|--|--|--|------------------|------------------|
| <b>City</b>                      |  |  |  |  |                  |                  |
| Enterprise Construction Reserves |  |  |  |  | \$40,000         | <b>\$40,000</b>  |
| Motel/Liquor/Restaurant          |  |  |  |  |                  |                  |
| Building Construction            |  |  |  |  |                  |                  |
| Sales Tax Fund                   |  |  |  |  |                  |                  |
| Special Assessment Bonds         |  |  |  |  |                  |                  |
| General Fund                     |  |  |  |  |                  |                  |
| Other (specify) Revenue Bonds    |  |  |  |  |                  |                  |
| <b>Non-City</b>                  |  |  |  |  |                  |                  |
| Private/Donations                |  |  |  |  |                  |                  |
| Federal Grant                    |  |  |  |  | \$720,000        | <b>\$720,000</b> |
| State Grant                      |  |  |  |  | \$40,000         | <b>\$40,000</b>  |
| <b>Total</b>                     |  |  |  |  | <b>\$800,000</b> | <b>\$800,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Commercial Service Terminal Rehabilitation      Priority 24 of 31      1st Year: 2013

Description: Rehabilitation of the Commercial Terminal. Replace worn physical plant and interior.

Justification: Preserve functionality and extend building useful life.

Scheduling and Project Status: 2021

Annual Impact on Income and Operating Costs:

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>        | <b>Total</b>       |
|-------------------------------|-------------|-------------|-------------|-------------|--------------------|--------------------|
| Planning & Preliminary Design |             |             |             |             |                    |                    |
| Engineering/Architectural     |             |             |             |             |                    |                    |
| Construction                  |             |             |             |             | \$1,500,000        | \$1,500,000        |
| Other (specify)               |             |             |             |             |                    |                    |
| <b>Total</b>                  |             |             |             |             | <b>\$1,500,000</b> | <b>\$1,500,000</b> |

| <b>Project Funding:</b>          |  |  |  |  |          |          |
|----------------------------------|--|--|--|--|----------|----------|
| <b>City</b>                      |  |  |  |  |          |          |
| Enterprise Construction Reserves |  |  |  |  | \$75,000 | \$75,000 |
| Motel/Liquor/Restaurant          |  |  |  |  |          |          |
| Building Construction            |  |  |  |  |          |          |
| Sales Tax Fund                   |  |  |  |  |          |          |
| Special Assessment Bonds         |  |  |  |  |          |          |
| General Fund                     |  |  |  |  |          |          |
| Other (specify) Revenue Bonds    |  |  |  |  |          |          |

| <b>Non-City</b>   |  |  |  |  |                    |                    |
|-------------------|--|--|--|--|--------------------|--------------------|
| Private/Donations |  |  |  |  |                    |                    |
| Federal Grant     |  |  |  |  | \$1,350,000        | \$1,350,000        |
| State Grant       |  |  |  |  | \$75,000           | \$75,000           |
| <b>Total</b>      |  |  |  |  | <b>\$1,500,000</b> | <b>\$1,500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Construction South Side Service Road      Priority 25 of 31      1st Year: 2014

Description: Construction of new South Side Service Road.

Justification: Keeps vehicle traffic off movement areas to minimize incursion risk.

Scheduling and Project Status: 2021

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019 | 2020 | 2021               | Total              |
|-------------------------------|------|------|------|------|--------------------|--------------------|
| Planning & Preliminary Design |      |      |      |      |                    |                    |
| Engineering/Architectural     |      |      |      |      |                    |                    |
| Construction                  |      |      |      |      | \$1,500,000        | \$1,500,000        |
| Other (specify)               |      |      |      |      |                    |                    |
| <b>Total</b>                  |      |      |      |      | <b>\$1,500,000</b> | <b>\$1,500,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020 | 2021               | Total              |
|----------------------------------|------|------|------|------|--------------------|--------------------|
| <b>City</b>                      |      |      |      |      |                    |                    |
| Enterprise Construction Reserves |      |      |      |      | \$75,000           | \$75,000           |
| Motel/Liquor/Restaurant          |      |      |      |      |                    |                    |
| Building Construction            |      |      |      |      |                    |                    |
| Sales Tax Fund                   |      |      |      |      |                    |                    |
| Special Assessment Bonds         |      |      |      |      |                    |                    |
| General Fund                     |      |      |      |      |                    |                    |
| Other (specify) Revenue Bonds    |      |      |      |      |                    |                    |
| <b>Non-City</b>                  |      |      |      |      |                    |                    |
| Private/Donations                |      |      |      |      |                    |                    |
| Federal Grant                    |      |      |      |      | \$1,350,000        | \$1,350,000        |
| State Grant                      |      |      |      |      | \$75,000           | \$75,000           |
| <b>Total</b>                     |      |      |      |      | <b>\$1,500,000</b> | <b>\$1,500,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Commercial & GA Ramp Panel Replacement      Priority 26 of 31      1st Year: 2016

Description: Replace ramp panels that have reached the end of service life.

Justification: Part of ongoing ramp panel pavement maintenance program.

Scheduling and Project Status: 2021

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019 | 2020 | 2021               | Total              |
|-------------------------------|------|------|------|------|--------------------|--------------------|
| Planning & Preliminary Design |      |      |      |      |                    |                    |
| Engineering/Architectural     |      |      |      |      |                    |                    |
| Construction                  |      |      |      |      | \$1,000,000        | \$1,000,000        |
| Other (specify)               |      |      |      |      |                    |                    |
| <b>Total</b>                  |      |      |      |      | <b>\$1,000,000</b> | <b>\$1,000,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020 | 2021               | Total              |
|----------------------------------|------|------|------|------|--------------------|--------------------|
| <b>City</b>                      |      |      |      |      |                    |                    |
| Enterprise Construction Reserves |      |      |      |      | \$50,000           | \$50,000           |
| Motel/Liquor/Restaurant          |      |      |      |      |                    |                    |
| Building Construction            |      |      |      |      |                    |                    |
| Sales Tax Fund                   |      |      |      |      |                    |                    |
| Special Assessment Bonds         |      |      |      |      |                    |                    |
| General Fund                     |      |      |      |      |                    |                    |
| Other (specify) Revenue Bonds    |      |      |      |      |                    |                    |
| <b>Non-City</b>                  |      |      |      |      |                    |                    |
| Private/Donations                |      |      |      |      |                    |                    |
| Federal Grant                    |      |      |      |      | \$900,000          | \$900,000          |
| State Grant                      |      |      |      |      | \$50,000           | \$50,000           |
| <b>Total</b>                     |      |      |      |      | <b>\$1,000,000</b> | <b>\$1,000,000</b> |

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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|                     |  |                   |                |
|---------------------|--|-------------------|----------------|
| Department: Airport | Project Title: Purchase Snow Removal Equipment | Priority 27 of 31 | 1st Year: 2015 |
|---------------------|--|-------------------|----------------|

Description: Purchase Snow Removal Equipment (SRE).

Justification: Required to meet Airport Certification Requirements. The airport is allowed ten (10) plows, five (5) snow blowers, five (5) sweepers, five (5) sand spreaders, and two (2) loaders to meet the minimum snow removal rate. The airport has eleven (11) pieces and is eligible for twenty seven (27) pieces.

Scheduling and Project Status: 2021

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|-------------------------------|------|------|------|------|------------------|------------------|
| Planning & Preliminary Design |      |      |      |      |                  |                  |
| Engineering/Architectural     |      |      |      |      |                  |                  |
| Construction                  |      |      |      |      |                  |                  |
| Other (specify)               |      |      |      |      | \$750,000        | \$750,000        |
| <b>Total</b>                  |      |      |      |      | <b>\$750,000</b> | <b>\$750,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|----------------------------------|------|------|------|------|------------------|------------------|
| <b>City</b>                      |      |      |      |      |                  |                  |
| Enterprise Construction Reserves |      |      |      |      | \$750,000        | \$750,000        |
| Motel/Liquor/Restaurant          |      |      |      |      |                  |                  |
| Building Construction            |      |      |      |      |                  |                  |
| Sales Tax Fund                   |      |      |      |      |                  |                  |
| Special Assessment Bonds         |      |      |      |      |                  |                  |
| General Fund                     |      |      |      |      |                  |                  |
| Other (specify) Revenue Bonds    |      |      |      |      |                  |                  |
| <b>Non-City</b>                  |      |      |      |      |                  |                  |
| Private/Donations                |      |      |      |      |                  |                  |
| Federal Grant                    |      |      |      |      |                  |                  |
| State Grant                      |      |      |      |      |                  |                  |
| <b>Total</b>                     |      |      |      |      | <b>\$750,000</b> | <b>\$750,000</b> |

|          |             |                         |          |
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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|  |                           |                   |                |
|--|---------------------------|-------------------|----------------|
| Department: Airport  | Project Title: ARFF Truck | Priority 28 of 31 | 1st Year: 2015 |
| Description: Acquire a 1500 gallon Aircraft Rescue and Fire Fighting vehicle to meet standards in accordance with FAR Part 139 requirements. |                           |                   |                |
| Justification: Replaces BIS Airport 30 year old ARFF truck. ARFF truck required for scheduled commercial flights.                            |                           |                   |                |
| Scheduling and Project Status: 2021  |                           |                   |                |
| Annual Impact on Income and Operating Costs: Reimbursed by PFC #7  |                           |                   |                |

| Project Costs:                | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|-------------------------------|------|------|------|------|------------------|------------------|
| Planning & Preliminary Design |      |      |      |      |                  |                  |
| Engineering/Architectural     |      |      |      |      |                  |                  |
| Construction                  |      |      |      |      |                  |                  |
| Other (specify)               |      |      |      |      | \$750,000        | \$750,000        |
| <b>Total</b>                  |      |      |      |      | <b>\$750,000</b> | <b>\$750,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|----------------------------------|------|------|------|------|------------------|------------------|
| <b>City</b>                      |      |      |      |      |                  |                  |
| Enterprise Construction Reserves |      |      |      |      | \$750,000        | \$750,000        |
| Motel/Liquor/Restaurant          |      |      |      |      |                  |                  |
| Building Construction            |      |      |      |      |                  |                  |
| Sales Tax Fund                   |      |      |      |      |                  |                  |
| Special Assessment Bonds         |      |      |      |      |                  |                  |
| General Fund                     |      |      |      |      |                  |                  |
| Other (specify) Revenue Bonds    |      |      |      |      |                  |                  |
| <b>Non-City</b>                  |      |      |      |      |                  |                  |
| Private/Donations                |      |      |      |      |                  |                  |
| Federal Grant                    |      |      |      |      |                  |                  |
| State Grant                      |      |      |      |      |                  |                  |
| <b>Total</b>                     |      |      |      |      | <b>\$750,000</b> | <b>\$750,000</b> |

|          |             |                         |          |
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| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
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## City of Bismarck Capital Improvement Project 2017 - 2021

|   |   |                               |                |             |                    |                    |
|---|---|-------------------------------|----------------|-------------|--------------------|--------------------|
| Department: Airport   | Project Title: Rehabilitate/Expand Snow Removal Eqpt Building, New SRE Building | Priority 29 of 31             | 1st Year: 2016 |             |                    |                    |
| Description: Expand existing building or add a separate building to accommodate Snow Removal Equipment needed to meet snow removal times. |   |                               |                |             |                    |                    |
| Justification Existing building does not accommodate needed Snow Removal Equipment.   |   |                               |                |             |                    |                    |
| Scheduling and Project Status 2021  |   |                               |                |             |                    |                    |
| Annual Impact on Income and Operating Costs   |   |                               |                |             |                    |                    |
| <b>Project Costs:</b>   | <b>2017</b>   | <b>2018</b>                   | <b>2019</b>    | <b>2020</b> | <b>2021</b>        | <b>Total</b>       |
| Planning & Preliminary Design   |   |                               |                |             |                    |                    |
| Engineering/Architectural   |   |                               |                |             |                    |                    |
| Construction  |   |                               |                |             | \$1,500,000        | \$1,500,000        |
| Other (specify)   |   |                               |                |             |                    |                    |
| <b>Total</b>  |   |                               |                |             | <b>\$1,500,000</b> | <b>\$1,500,000</b> |
| <b>Project Funding:</b>   |   |                               |                |             |                    |                    |
| <b>City</b>   |   |                               |                |             |                    |                    |
| Enterprise Construction Reserves  |   |                               |                |             | \$75,000           | \$75,000           |
| Motel/Liquor/Restaurant   |   |                               |                |             |                    |                    |
| Building Construction   |   |                               |                |             |                    |                    |
| Sales Tax Fund  |   |                               |                |             |                    |                    |
| Special Assessment Bonds  |   |                               |                |             |                    |                    |
| General Fund  |   |                               |                |             |                    |                    |
| Other (specify) Revenue Bonds   |   |                               |                |             |                    |                    |
| <b>Non-City</b>   |   |                               |                |             |                    |                    |
| Private/Donations   |   |                               |                |             |                    |                    |
| Federal Grant   |   |                               |                |             | \$1,350,000        | \$1,350,000        |
| State Grant   |   |                               |                |             | \$75,000           | \$75,000           |
| <b>Total</b>  |   |                               |                |             | <b>\$1,500,000</b> | <b>\$1,500,000</b> |
| PREPARER  | Tim Thorsen   | PREPARER'S<br>PHONE<br>NUMBER |                | 355-1808    |                    |                    |



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Relocate Airway Ave/Airport Rd Intersection      Priority 30 of 31      1st Year: 2014

Description: Relocation of Airway Avenue and Airport Road Intersection.

Justification Remove obstruction to 50:1 clearance for Runway 13-31 under FAR Part 77. Required to achieve ultimate 50:1 airspace clearance (removes road obstruction).

Scheduling and Project Status 2021

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>      | <b>Total</b>     |
|-------------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Planning & Preliminary Design |             |             |             |             |                  |                  |
| Engineering/Architectural     |             |             |             |             |                  |                  |
| Construction                  |             |             |             |             | \$300,000        | <b>\$300,000</b> |
| Other (specify)               |             |             |             |             |                  |                  |
| <b>Total</b>                  |             |             |             |             | <b>\$300,000</b> | <b>\$300,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>      | <b>Total</b>     |
|----------------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| <b>City</b>                      |             |             |             |             |                  |                  |
| Enterprise Construction Reserves |             |             |             |             | \$15,000         | <b>\$15,000</b>  |
| Motel/Liquor/Restaurant          |             |             |             |             |                  |                  |
| Building Construction            |             |             |             |             |                  |                  |
| Sales Tax Fund                   |             |             |             |             |                  |                  |
| Special Assessment Bonds         |             |             |             |             |                  |                  |
| General Fund                     |             |             |             |             |                  |                  |
| Other (specify) Revenue Bonds    |             |             |             |             |                  |                  |
| <b>Non-City</b>                  |             |             |             |             |                  |                  |
| Private/Donations                |             |             |             |             |                  |                  |
| Federal Grant                    |             |             |             |             | \$270,000        | <b>\$270,000</b> |
| State Grant                      |             |             |             |             | \$15,000         | <b>\$15,000</b>  |
| <b>Total</b>                     |             |             |             |             | <b>\$300,000</b> | <b>\$300,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
|----------|-------------|-------------------------|----------|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Airport      Project Title: Plans & Specifications for 2022      Priority 31 of 31 1st Year: 2016

Description: Prepare the plans and specifications for the 2022 construction projects at the Bismarck Airport.

Justification: Produces engineer estimate for use in budgeting the following year, produces bid specifications so that projects can be bid early in the year. Allows completion of environmental actions needed for FAA and grant applications.

Scheduling and Project Status: 2021

Annual Impact on Income and Operating Costs:

| Project Costs:                | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|-------------------------------|------|------|------|------|------------------|------------------|
| Planning & Preliminary Design |      |      |      |      | \$500,000        | \$500,000        |
| Engineering/Architectural     |      |      |      |      |                  |                  |
| Construction                  |      |      |      |      |                  |                  |
| Other (specify)               |      |      |      |      |                  |                  |
| <b>Total</b>                  |      |      |      |      | <b>\$500,000</b> | <b>\$500,000</b> |

| Project Funding:<br>City         | 2017 | 2018 | 2019 | 2020 | 2021     | Total    |
|----------------------------------|------|------|------|------|----------|----------|
| Enterprise Construction Reserves |      |      |      |      | \$25,000 | \$25,000 |
| Motel/Liquor/Restaurant          |      |      |      |      |          |          |
| Building Construction            |      |      |      |      |          |          |
| Sales Tax Fund                   |      |      |      |      |          |          |
| Special Assessment Bonds         |      |      |      |      |          |          |
| General Fund                     |      |      |      |      |          |          |
| Other (specify) Revenue Bonds    |      |      |      |      |          |          |

| Non-City          | 2017 | 2018 | 2019 | 2020 | 2021             | Total            |
|-------------------|------|------|------|------|------------------|------------------|
| Private/Donations |      |      |      |      |                  |                  |
| Federal Grant     |      |      |      |      | \$450,000        | \$450,000        |
| State Grant       |      |      |      |      | \$25,000         | \$25,000         |
| <b>Total</b>      |      |      |      |      | <b>\$500,000</b> | <b>\$500,000</b> |

|          |             |                         |          |
|----------|-------------|-------------------------|----------|
| PREPARER | Tim Thorsen | PREPARER'S PHONE NUMBER | 355-1808 |
|----------|-------------|-------------------------|----------|

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
EVENT CENTER

| Requested Project                        | Rank | Cost to be Funded | Funding   | Projected Costs Per Year |                |                |                  |                   |          |
|--|------|-------------------|-----------|--------------------------|----------------|----------------|------------------|-------------------|----------|
|  |      |                   | Source    | %                        | 2017           | 2018           | 2019             | 2020              | 2021     |
| *Exhibit Hall Upgrade Pneumatic Controls | 1    | 412,500           | M/L/R Tax | 100                      | <b>112,500</b> | 100,000        | 100,000          | 100,000           | -        |
| *Arena Video Cameras & Cabling           | 2    | 153,750           | M/L/R Tax | 100                      | <b>153,750</b> | -              | -                | -                 | -        |
| **AC/Ice Making Compressors Replacement  | 3    | 50,000            | M/L/R Tax | 100                      | <b>50,000</b>  | -              | -                | -                 | -        |
| East Dressing Rooms HVAC Replacement     | 4    | 50,000            | M/L/R Tax | 100                      | <b>50,000</b>  | -              | -                | -                 | -        |
| *Door Hardware Replacement               | 5    | 75,000            | M/L/R Tax | 100                      | <b>75,000</b>  | -              | -                | -                 | -        |
| Food Court Renovation                    | 6    | 100,000           | M/L/R Tax | 100                      | <b>100,000</b> | -              | -                | -                 | -        |
| Roof Top Air Conditioning System         | 7    | 50,000            | M/L/R Tax | 100                      | -              | 50,000         | -                | -                 | -        |
| Refinish Seating                         | 8    | 57,000            | M/L/R Tax | 100                      | -              | 57,000         | -                | -                 | -        |
| Arena Door Hardware Replacement          | 9    | 75,000            | M/L/R Tax | 100                      | -              | 75,000         | -                | -                 | -        |
| Arena Keyed Security System Replacement  | 10   | 50,000            | M/L/R Tax | 100                      | -              | 50,000         | -                | -                 | -        |
| Arena Paint Steel Handrails              | 11   | 52,000            | M/L/R Tax | 100                      | -              | 52,000         | -                | -                 | -        |
| Convention/Meeting Segment Expansion     | 12   | 47,400,000        | M/L/R Tax | 100                      | -              | -              | 8,058,000        | 39,342,000        | -        |
| Pavement Repair Parking Lots D & E       | 13   | 750,000           | M/L/R Tax | 100                      | -              | -              | 750,000          | -                 | -        |
| <b>TOTAL</b>                             |      | <b>49,275,250</b> |           |                          | <b>541,250</b> | <b>384,000</b> | <b>8,908,000</b> | <b>39,442,000</b> | <b>-</b> |
| NON-CITY FUNDING                         |      | -                 |           |                          | -              | -              | -                | -                 | -        |
| <b>TOTAL CITY FUNDING</b>                |      | <b>49,275,250</b> |           |                          | <b>541,250</b> | <b>384,000</b> | <b>8,908,000</b> | <b>39,442,000</b> | <b>-</b> |

\*Requested but not Approved by Commission

\*\* Approved but funding from Enterprise Fund

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |   |                                  |                  |                  |             |                  |
|--|---|----------------------------------|------------------|------------------|-------------|------------------|
| Event Center   | Exhibit Hall Upgrade the Pneumatic Controls |                                  |                  |                  |             | Priority 1 of 13 |
| Description Exhibit Hall Upgrade the HVAC pneumatic controls.  |   |                                  |                  |                  |             |                  |
| Justification We need to upgrade the pneumatic controls to DCC in the rest of the exhibit Hall and meeting rooms. Most of the pneumatic controls in these areas are pretty much wore out. It would be more comfortable for our clients, due to better temperature control and less fluctuation. There would be energy savings due to better control in the area. |   |                                  |                  |                  |             |                  |
| Scheduling and Project Status<br>I would like to start out with the 2nd floor meeting rooms first. We can do this in phases. A little each year until the building is done this would also include the Arena. We could do the Tree Rooms next, do as much as we can each year. Leaving the lower east out of this plan for now.                                  |   |                                  |                  |                  |             |                  |
| Annual Impact on Income and Operating Costs<br>Better Temperature control  |   |                                  |                  |                  |             |                  |
| <b>Project Costs:</b>  | <b>2017</b>                                 | <b>2018</b>                      | <b>2019</b>      | <b>2020</b>      | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design  | \$2,500                                     |                                  |                  |                  |             | \$2,500          |
| Engineering/Architectural  | \$10,000                                    |                                  |                  |                  |             | \$10,000         |
| Construction   | \$100,000                                   | \$100,000                        | \$100,000        | \$100,000        |             | \$400,000        |
| Other (specify)  |   |                                  |                  |                  |             |                  |
| <b>Total</b>   | <b>\$112,500</b>                            | <b>\$100,000</b>                 | <b>\$100,000</b> | <b>\$100,000</b> |             | <b>\$412,500</b> |
| <b>Project Funding:</b>  |   |                                  |                  |                  |             |                  |
| <b>City</b>  |   |                                  |                  |                  |             |                  |
| Enterprise Construction Reserves   |   |                                  |                  |                  |             |                  |
| Motel/Liquor/Restaurant  | \$112,500                                   | \$100,000                        | \$100,000        | \$100,000        |             | \$412,500        |
| Building Construction  |   |                                  |                  |                  |             |                  |
| Sales Tax Fund   |   |                                  |                  |                  |             |                  |
| Special Assessment Bonds   |   |                                  |                  |                  |             |                  |
| Other (specify)  |   |                                  |                  |                  |             |                  |
| <b>Non-City</b>  |   |                                  |                  |                  |             |                  |
| Private/Donations  |   |                                  |                  |                  |             |                  |
| Federal Grant  |   |                                  |                  |                  |             |                  |
| State Grant  |   |                                  |                  |                  |             |                  |
| <b>Total</b>   | <b>\$112,500</b>                            | <b>\$100,000</b>                 | <b>\$100,000</b> | <b>\$100,000</b> |             | <b>\$412,500</b> |
| PREPARER Tony Rohrick  |   | PREPARER'S PHONE NUMBER 355-1370 |                  |                  |             |                  |

## City of Bismarck Capital Improvement Project 2017 - 2021

|   |  |                                   |                |                                 |             |                  |
|---|--|-----------------------------------|----------------|---------------------------------|-------------|------------------|
| Event Center  | Project Title: Arena Video Cameras & Cabling | Priority 2 of 13                  | 1st Year: 2017 |                                 |             |                  |
| Description Replace the current standard-definition video cameras and analog cables in the arena with high-definition (HD) components and optical fiber cabling.  |  |                                   |                |                                 |             |                  |
| Justification These cameras & cabling were originally included in the 2014 A/V studio upgrade to high-definition (HD), but were omitted due to budget constraints. The A/V studio is now entirely HD compatible, with the exception of the cameras. HD cameras are a vital component to the A/V system since they provide the primary images that are displayed on the arena screens. The old analog video cables are not compatible with HD video. They will be replaced with fiber optic cable, which is more economical than copper for long distances in the arena. The fiber ports can also be used to distribute auxiliary video, audio and data around the facility in order to better serve client needs. |  |                                   |                |                                 |             |                  |
| Scheduling and Project Status Installation should be complete by mid-February 2017 in order to be functional for indoor football season, as well as rodeo, district/regional/state basketball and wrestling tournaments.  |  |                                   |                |                                 |             |                  |
| Annual Impact on Income and Operating Costs Updating these cameras would greatly enhance the user experience for the public and clients of the Event Center. This can result in increased rental income from the arena in the form of additional events, more clients using the A/V services, sponsor revenue and justification for increasing A/V fees to correspond with HD video services.   |  |                                   |                |                                 |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>                                  | <b>2018</b>                       | <b>2019</b>    | <b>2020</b>                     | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |  |                                   |                |                                 |             |                  |
| Engineering/Architectural   |  |                                   |                |                                 |             |                  |
| Construction  | \$153,750                                    |                                   |                |                                 |             | \$153,750        |
| Other (specify)   |  |                                   |                |                                 |             |                  |
| <b>Total</b>  | <b>\$153,750</b>                             |                                   |                |                                 |             | <b>\$153,750</b> |
| <b>Project Funding:</b>   |  |                                   |                |                                 |             |                  |
| <b>City</b>   |  |                                   |                |                                 |             |                  |
| Enterprise Construction Reserves  |  |                                   |                |                                 |             |                  |
| Motel/Liquor/Restaurant   | \$153,750                                    |                                   |                |                                 |             | \$153,750        |
| Building Construction   |  |                                   |                |                                 |             |                  |
| Sales Tax Fund  |  |                                   |                |                                 |             |                  |
| Special Assessment Bonds  |  |                                   |                |                                 |             |                  |
| Other (specify)   |  |                                   |                |                                 |             |                  |
| <b>Non-City</b>   |  |                                   |                |                                 |             |                  |
| Private/Donations   |  |                                   |                |                                 |             |                  |
| Federal Grant   |  |                                   |                |                                 |             |                  |
| State Grant   |  |                                   |                |                                 |             |                  |
| <b>Total</b>  | <b>\$153,750</b>                             |                                   |                |                                 |             | <b>\$153,750</b> |
| PREPARER: Marty Anderson  |  | PREPARER'S PHONE NUMBER: 355-1393 |                | EMAIL: manderson@bismarcknd.gov |             |                  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: AC/Ice Making Compressors Replacement      Priority 3 of 13      1st Year: 2017

Description: The air conditioning/ice making compressors use R22 Freon gas. They need to be replaced with new units to comply with EPA Green House Freon gas regulations.

Justification The current unit is not EPA compliant.

Scheduling and Project Status RFQ in fourth quarter of 2016. Begin replacement in first quarter of 2017.

Annual Impact on Income and Operating Costs There should not be a significant change in operating costs.

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |                 |             |             |             |             |                 |
| Engineering/Architectural     |                 |             |             |             |             |                 |
| Construction                  | \$50,000        |             |             |             |             | <b>\$50,000</b> |
| Other (specify)               |                 |             |             |             |             |                 |
| <b>Total</b>                  | <b>\$50,000</b> |             |             |             |             | <b>\$50,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|----------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| <b>City</b>                      |                 |             |             |             |             |                 |
| Enterprise Construction Reserves |                 |             |             |             |             |                 |
| Motel/Liquor/Restaurant          | \$50,000        |             |             |             |             | <b>\$50,000</b> |
| Building Construction            |                 |             |             |             |             |                 |
| Sales Tax Fund                   |                 |             |             |             |             |                 |
| Special Assessment Bonds         |                 |             |             |             |             |                 |
| Other (specify)                  |                 |             |             |             |             |                 |
| <b>Non-City</b>                  |                 |             |             |             |             |                 |
| Private/Donations                |                 |             |             |             |             |                 |
| Federal Grant                    |                 |             |             |             |             |                 |
| State Grant                      |                 |             |             |             |             |                 |
| <b>Total</b>                     | <b>\$50,000</b> |             |             |             |             | <b>\$50,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: East Dressing Rooms HVAC Replacement      Priority 4 of 13      1st Year: 2017

Description: The lower east dressing rooms and meeting rooms have an HVAC system that needs to be replaced. The supply air handler fan, return air fan, exhaust fan, chill water coils, heating water coils, supply/return and exhaust air ducts do not supply the areas with enough cfm air flow to cool or heat the rooms.

Justification There is compromised comfort for performers, visitors, and staff.

Scheduling and Project Status RFQ in fourth quarter 2016. Construction should begin in first quarter of 2017.

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |                 |             |             |             |             |                 |
| Engineering/Architectural     |                 |             |             |             |             |                 |
| Construction                  | \$50,000        |             |             |             |             | <b>\$50,000</b> |
| Other (specify)               |                 |             |             |             |             |                 |
| <b>Total</b>                  | <b>\$50,000</b> |             |             |             |             | <b>\$50,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|----------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| <b>City</b>                      |                 |             |             |             |             |                 |
| Enterprise Construction Reserves |                 |             |             |             |             |                 |
| Motel/Liquor/Restaurant          | \$50,000        |             |             |             |             | <b>\$50,000</b> |
| Building Construction            |                 |             |             |             |             |                 |
| Sales Tax Fund                   |                 |             |             |             |             |                 |
| Special Assessment Bonds         |                 |             |             |             |             |                 |
| Other (specify)                  |                 |             |             |             |             |                 |
| <b>Non-City</b>                  |                 |             |             |             |             |                 |
| Private/Donations                |                 |             |             |             |             |                 |
| Federal Grant                    |                 |             |             |             |             |                 |
| State Grant                      |                 |             |             |             |             |                 |
| <b>Total</b>                     | <b>\$50,000</b> |             |             |             |             | <b>\$50,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017- 2021

Department: Event Center - EH      Project Title: Door Hardware Replacement      Priority 5 of 13      1st Year: 2017

Description: Replace existing door hardware to match the new Exhibit Hall. Existing hardware is aged and becoming difficult to repair.

Justification There is compromised maintenance efficiency with having multiple systems and aged hardware becomes difficult to find parts to repair.

Scheduling and Project Status The door hardware replacement should take place in the first quarter of 2018. This work would be included in a major expansion project should that be planned before this time.

Annual Impact on Income and Operating Costs This will reduce staff maintenance time and improve performance of the systems.

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |                 |             |             |             |             |                 |
| Engineering/Architectural     |                 |             |             |             |             |                 |
| Construction                  | \$75,000        |             |             |             |             | <b>\$75,000</b> |
| Other (specify)               |                 |             |             |             |             |                 |
| <b>Total</b>                  | <b>\$75,000</b> |             |             |             |             | <b>\$75,000</b> |

| <b>Project Funding:</b>          |                 |  |  |  |  |                 |
|----------------------------------|-----------------|--|--|--|--|-----------------|
| <b>City</b>                      |                 |  |  |  |  |                 |
| Enterprise Construction Reserves |                 |  |  |  |  |                 |
| Motel/Liquor/Restaurant          | \$75,000        |  |  |  |  | <b>\$75,000</b> |
| Building Construction            |                 |  |  |  |  |                 |
| Sales Tax Fund                   |                 |  |  |  |  |                 |
| Special Assessment Bonds         |                 |  |  |  |  |                 |
| Other (specify)                  |                 |  |  |  |  |                 |
| <b>Non-City</b>                  |                 |  |  |  |  |                 |
| Private/Donations                |                 |  |  |  |  |                 |
| Federal Grant                    |                 |  |  |  |  |                 |
| State Grant                      |                 |  |  |  |  |                 |
| <b>Total</b>                     | <b>\$75,000</b> |  |  |  |  | <b>\$75,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: Food Court Renovation      Priority 6 of 13      1st Year: 2017

Description: The nonfunctioning light fixture in the main southwest entry to the ticket office lobby should be removed. This would allow the food court area to be enlarged by removing the southwest glass wall and extending the floor to the outside south and west walls. The ticket office vestibules heating system could be upgraded so the vestibule and ticket lobby temperature would be warm enough so that door guards and ticket takers would not have to wear coats and gloves during winter events. The space should be renovated to control heat loss and increase options for heat.

Justification Ticket takers and door guards have compromised comfort while standing inside the entryway. Visitor comfort would be increased.

Scheduling and Project Status RFQ in fourth quarter of 2017. Construction should begin in first quarter of 2018.

Annual Impact on Income and Operating Costs Annual operating costs would increase due to upgrades and the heating of more space.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |                  |             |             |             |             |                  |
| Engineering/Architectural     | \$15,000         |             |             |             |             | \$15,000         |
| Construction                  | \$85,000         |             |             |             |             | \$85,000         |
| Other (specify)               |                  |             |             |             |             |                  |
| <b>Total</b>                  | <b>\$100,000</b> |             |             |             |             | <b>\$100,000</b> |

| <b>Project Funding:</b>          |                  |  |  |  |  |                  |
|----------------------------------|------------------|--|--|--|--|------------------|
| <b>City</b>                      |                  |  |  |  |  |                  |
| Enterprise Construction Reserves |                  |  |  |  |  |                  |
| Motel/Liquor/Restaurant          | \$100,000        |  |  |  |  | \$100,000        |
| Building Construction            |                  |  |  |  |  |                  |
| Sales Tax Fund                   |                  |  |  |  |  |                  |
| Special Assessment Bonds         |                  |  |  |  |  |                  |
| Other (specify)                  |                  |  |  |  |  |                  |
| <b>Non-City</b>                  |                  |  |  |  |  |                  |
| Private/Donations                |                  |  |  |  |  |                  |
| Federal Grant                    |                  |  |  |  |  |                  |
| State Grant                      |                  |  |  |  |  |                  |
| <b>Total</b>                     | <b>\$100,000</b> |  |  |  |  | <b>\$100,000</b> |

PREPARER LaVonne Wohl      PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: Roof Top Air Conditioning System      Priority 7 of 13      1st Year: 2015

Description: The office roof top air conditioning system needs to be researched on how to increase the chill water capacity to be able to cool the office, meeting rooms/ Aspen, Birch, Cottonwood, ticket office lobby, and food court. One solution is to add another roof top A/C unit and chiller barrel evaporator to increase chill water capacity.

Justification There is compromised comfort for staff and visitors.

Scheduling and Project Status RFQ in fourth quarter of 2017. Begin construction in 2018 when weather permits in time for spring cooling needs.

Annual Impact on Income and Operating Costs Annual operating costs will increase some because more cooling is needed.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |             |                 |             |             |             |                 |
| Engineering/Architectural     |             |                 |             |             |             |                 |
| Construction                  |             | \$50,000        |             |             |             | \$50,000        |
| Other (specify)               |             |                 |             |             |             |                 |
| <b>Total</b>                  |             | <b>\$50,000</b> |             |             |             | <b>\$50,000</b> |

| <b>Project Funding:</b>          |  |                 |  |  |  |                 |
|----------------------------------|--|-----------------|--|--|--|-----------------|
| <b>City</b>                      |  |                 |  |  |  |                 |
| Enterprise Construction Reserves |  |                 |  |  |  |                 |
| Motel/Liquor/Restaurant          |  | \$50,000        |  |  |  | \$50,000        |
| Building Construction            |  |                 |  |  |  |                 |
| Sales Tax Fund                   |  |                 |  |  |  |                 |
| Special Assessment Bonds         |  |                 |  |  |  |                 |
| Other (specify)                  |  |                 |  |  |  |                 |
| <b>Non-City</b>                  |  |                 |  |  |  |                 |
| Private/Donations                |  |                 |  |  |  |                 |
| Federal Grant                    |  |                 |  |  |  |                 |
| State Grant                      |  |                 |  |  |  |                 |
| <b>Total</b>                     |  | <b>\$50,000</b> |  |  |  | <b>\$50,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017- 2021

Department: Event Center - BM      Project Title: Refinish Seating      Priority 8 of 13      1st Year: 2015

Description: The seating in the Belle Mehus auditorium is worn and needs to be refinished and recovered. There is deterioration that is beyond repair and use. Repair of internal components will also occur. The cost of \$57,000 is the cost if there is private matching donations of that same amount. This would be half the cost of the repair/refinishing.

Justification The wear of the seats may soon cause a reduction in the amount of seating available. The supporters of the Belle Mehus have begun raising funds. The City stepping forward and providing matching funds in 2018 would provide a push for more private funds and some grant agencies like to provide last money more than first money. This would allow that to work.

Scheduling and Project Status Fund raising deadline of April 1, 2018. Bidding second quarter 2018. The seats should start being refinished in the third quarter of 2018 and finished by September 1, 2018.

Annual Impact on Income and Operating Costs Reduction in maintenance in trying to make work upholstery and components that do not work.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |             |                 |             |             |             |                 |
| Engineering/Architectural     |             |                 |             |             |             |                 |
| Construction                  |             | \$57,000        |             |             |             | \$57,000        |
| Other (specify)               |             |                 |             |             |             |                 |
| <b>Total</b>                  |             | <b>\$57,000</b> |             |             |             | <b>\$57,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>City</b>                      |             |             |             |             |             |              |
| Enterprise Construction Reserves |             |             |             |             |             |              |
| Motel/Liquor/Restaurant          |             | \$57,000    |             |             |             | \$57,000     |
| Building Construction            |             |             |             |             |             |              |
| Sales Tax Fund                   |             |             |             |             |             |              |
| Special Assessment Bonds         |             |             |             |             |             |              |
| Other (specify)                  |             |             |             |             |             |              |

|                   |  |                 |  |  |  |                 |
|-------------------|--|-----------------|--|--|--|-----------------|
| <b>Non-City</b>   |  |                 |  |  |  |                 |
| Private/Donations |  |                 |  |  |  |                 |
| Federal Grant     |  |                 |  |  |  |                 |
| State Grant       |  |                 |  |  |  |                 |
| <b>Total</b>      |  | <b>\$57,000</b> |  |  |  | <b>\$57,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena | Project Title: Door Hardware Replacement | Priority 9 of 13 | 1st Year: 2015

Description: The existing door hardware should be replaced so that it matches the new expansion hardware.

Justification: There is problematic maintenance with multiple systems. Equipment is aged and becoming difficult to repair due to challenge in getting parts.

Scheduling and Project Status: Replacement of hardware should occur during the first quarter of 2018.

Annual Impact on Income and Operating Costs: This work will reduce maintenance costs as equipment will be new and parts will be more readily available. This project would be incorporated into the next major expansion project if that is planned before this happens.

| Project Costs:                | 2017 | 2018            | 2019 | 2020 | 2021 | Total           |
|-------------------------------|------|-----------------|------|------|------|-----------------|
| Planning & Preliminary Design |      |                 |      |      |      |                 |
| Engineering/Architectural     |      |                 |      |      |      |                 |
| Construction                  |      | \$75,000        |      |      |      | \$75,000        |
| Other (specify)               |      |                 |      |      |      |                 |
| <b>Total</b>                  |      | <b>\$75,000</b> |      |      |      | <b>\$75,000</b> |

| Project Funding:                 | 2017 | 2018            | 2019 | 2020 | 2021 | Total           |
|----------------------------------|------|-----------------|------|------|------|-----------------|
| <b>City</b>                      |      |                 |      |      |      |                 |
| Enterprise Construction Reserves |      |                 |      |      |      |                 |
| Motel/Liquor/Restaurant          |      | \$75,000        |      |      |      | \$75,000        |
| Building Construction            |      |                 |      |      |      |                 |
| Sales Tax Fund                   |      |                 |      |      |      |                 |
| Special Assessment Bonds         |      |                 |      |      |      |                 |
| Other (specify)                  |      |                 |      |      |      |                 |
| <b>Non-City</b>                  |      |                 |      |      |      |                 |
| Private/Donations                |      |                 |      |      |      |                 |
| Federal Grant                    |      |                 |      |      |      |                 |
| State Grant                      |      |                 |      |      |      |                 |
| <b>Total</b>                     |      | <b>\$75,000</b> |      |      |      | <b>\$75,000</b> |

PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: Keyed Security System Replacement      Priority 10 of 13      1st Year: 2015

Description: All door lock keys and key cylinder tumblers are wearing out. The tumbler pins are worn off which makes it hard to unlock the doors. When the next expansion is started, the whole building complex should be rekeyed to a new and higher level security key system.

Justification Security and safety is compromised when doors either fail to lock or fail to unlock. New locking systems are available that provide improved performance and options for card readers built into the locksets. Coordinating locking/unlocking of individual doors by a central control system improves safety security and flexibility.

Scheduling and Project Status      RFQ in fourth quarter 2017. New system should be installed in first half of 2018.

Annual Impact on Income and Operating Costs      This should not have an effect on income or operating costs after initial investment.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |             |                 |             |             |             |                 |
| Engineering/Architectural     |             |                 |             |             |             |                 |
| Construction                  |             | \$50,000        |             |             |             | \$50,000        |
| Other (specify)               |             |                 |             |             |             |                 |
| <b>Total</b>                  |             | <b>\$50,000</b> |             |             |             | <b>\$50,000</b> |

| <b>Project Funding:</b>          |  |                 |  |  |  |                 |
|----------------------------------|--|-----------------|--|--|--|-----------------|
| <b>City</b>                      |  |                 |  |  |  |                 |
| Enterprise Construction Reserves |  |                 |  |  |  |                 |
| Motel/Liquor/Restaurant          |  | \$50,000        |  |  |  | \$50,000        |
| Building Construction            |  |                 |  |  |  |                 |
| Sales Tax Fund                   |  |                 |  |  |  |                 |
| Special Assessment Bonds         |  |                 |  |  |  |                 |
| Other (specify)                  |  |                 |  |  |  |                 |
| <b>Non-City</b>                  |  |                 |  |  |  |                 |
| Private/Donations                |  |                 |  |  |  |                 |
| Federal Grant                    |  |                 |  |  |  |                 |
| State Grant                      |  |                 |  |  |  |                 |
| <b>Total</b>                     |  | <b>\$50,000</b> |  |  |  | <b>\$50,000</b> |

|                       |                                  |  |
|-----------------------|----------------------------------|--|
| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
|-----------------------|----------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center - Arena      Project Title: Paint Steel Handrails      Priority 11 of 13      1st Year: 2015

Description: There is deterioration on the steel handrails and an image of disrepair. The deterioration is deepening and will get worse over time.

Justification Cost of repair will increase over time if not repainted.

Scheduling and Project Status Repainting should occur in the first quarter of 2018.

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |             |                 |             |             |             |                 |
| Engineering/Architectural     |             |                 |             |             |             |                 |
| Construction                  |             | \$52,000        |             |             |             | \$52,000        |
| Other (specify)               |             | .               |             |             |             |                 |
| <b>Total</b>                  |             | <b>\$52,000</b> |             |             |             | <b>\$52,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|----------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| <b>City</b>                      |             |                 |             |             |             |                 |
| Enterprise Construction Reserves |             |                 |             |             |             |                 |
| Motel/Liquor/Restaurant          |             | \$52,000        |             |             |             | \$52,000        |
| Building Construction            |             |                 |             |             |             |                 |
| Sales Tax Fund                   |             |                 |             |             |             |                 |
| Special Assessment Bonds         |             |                 |             |             |             |                 |
| Other (specify)                  |             |                 |             |             |             |                 |
| <b>Non-City</b>                  |             |                 |             |             |             |                 |
| Private/Donations                |             |                 |             |             |             |                 |
| Federal Grant                    |             |                 |             |             |             |                 |
| State Grant                      |             |                 |             |             |             |                 |
| <b>Total</b>                     |             | <b>\$52,000</b> |             |             |             | <b>\$52,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Event Center      Project Title: Convention/Meeting Segment Expansion      Priority 12 of 13      1st Year: 2015

Description: The expansion would add 8,000 SF of meeting room space and 10,000 SF of kitchen, storage, and service space to the second level. The third level would have 25,000-30,000 SF of ballroom space and 30,000 SF of lobby/prefunction space added. It would also provide a new mechanical mezzanine.

Justification The expansion would provide more space to host conventions and meetings which could cater to a variety of potential businesses.

Scheduling and Project Status The design process would begin in 2019 with construction to follow in the spring of 2020.

Annual Impact on Income and Operating Costs Operating costs would increase because more space would be conditioned. There would also be an increase in annual income due to more companies/tenants renting out the space for events.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b>        | <b>2020</b>         | <b>2021</b> | <b>Total</b>        |
|-------------------------------|-------------|-------------|--------------------|---------------------|-------------|---------------------|
| Planning & Preliminary Design |             |             | \$500,000          |                     |             | \$500,000           |
| Engineering/Architectural     |             |             | \$2,818,000        |                     |             | \$2,818,000         |
| Construction                  |             |             |                    | \$39,342,000        |             | \$39,342,000        |
| Contingency                   |             |             | \$4,740,000        |                     |             | \$4,740,000         |
| <b>Total</b>                  |             |             | <b>\$8,058,000</b> | <b>\$39,342,000</b> |             | <b>\$47,400,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b>  | <b>2021</b> | <b>Total</b> |
|----------------------------------|-------------|-------------|-------------|--------------|-------------|--------------|
| <b>City</b>                      |             |             |             |              |             |              |
| Enterprise Construction Reserves |             |             |             |              |             |              |
| Motel/Liquor/Restaurant          |             |             | \$8,058,000 | \$39,342,000 |             | \$47,400,000 |
| Building Construction            |             |             |             |              |             |              |
| Sales Tax Fund                   |             |             |             |              |             |              |
| Special Assessment Bonds         |             |             |             |              |             |              |
| Other (specify)                  |             |             |             |              |             |              |

|                   |  |  |                    |                     |  |                     |
|-------------------|--|--|--------------------|---------------------|--|---------------------|
| <b>Non-City</b>   |  |  |                    |                     |  |                     |
| Private/Donations |  |  |                    |                     |  |                     |
| Federal Grant     |  |  |                    |                     |  |                     |
| State Grant       |  |  |                    |                     |  |                     |
| <b>Total</b>      |  |  | <b>\$8,058,000</b> | <b>\$39,342,000</b> |  | <b>\$47,400,000</b> |

|                       |                                  |  |
|-----------------------|----------------------------------|--|
| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
|-----------------------|----------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

|   |   |                                  |                  |             |             |                  |
|---|---|----------------------------------|------------------|-------------|-------------|------------------|
| Department: Event Center - Arena  | Project Title: Pavement Repair Parking Lots D & E | Priority 13 of 13                | 1st Year: 2015   |             |             |                  |
| Description: The parking lots D and E need to be patched and overlay applied to the pavement.   |   |                                  |                  |             |             |                  |
| Justification Deterioration is deepening and expanding. There are safety issues due to tripping hazards.  |   |                                  |                  |             |             |                  |
| Scheduling and Project Status RFQ in fourth quarter of 2018. Design, bid first quarter 2019. Construction should begin as soon as weather permits in 2019 |   |                                  |                  |             |             |                  |
| Annual Impact on Income and Operating Costs Reduced risk of injury to staff and public. Potential loss of income if it impacts attendance.                |   |                                  |                  |             |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>                                       | <b>2018</b>                      | <b>2019</b>      | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |   |                                  |                  |             |             |                  |
| Engineering/Architectural   |   |                                  |                  |             |             |                  |
| Construction  |   |                                  | \$750,000        |             |             | \$750,000        |
| Other (specify)   |   |                                  |                  |             |             |                  |
| <b>Total</b>  |   |                                  | <b>\$750,000</b> |             |             | <b>\$750,000</b> |
| <b>Project Funding:</b>   |   |                                  |                  |             |             |                  |
| <b>City</b>   |   |                                  |                  |             |             |                  |
| 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> |
| PREPARER LaVonne Wohl   |   | PREPARER'S PHONE NUMBER 355-1743 |                  |             |             |                  |



**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**FIRE DEPARTMENT**

| Requested Project                          | Rank | Cost to be Funded | Funding               |     | Projected Costs Per Year |         |      |      |      |
|--|------|-------------------|-----------------------|-----|--------------------------|---------|------|------|------|
|  |      |                   | Source                | %   | 2017                     | 2018    | 2019 | 2020 | 2021 |
| **Addition to Tyler Parkway Fire Station   | 1    | 100,000           | Building Construction | 100 | <b>17,000</b>            | 83,000  | -    | -    | -    |
| **Replace Headquarters Fire Station Boiler | 2    | 165,000           | Building Construction | 100 | <b>165,000</b>           | -       | -    | -    | -    |
| *Purchase Land for Future Fire Stations    | 3    | -                 | TBD                   | 100 | <b>TBD</b>               | -       | -    | -    | -    |
| Replace Station #1 Air Refill Compressor   | 4    | 65,000            | Building Construction | 100 | -                        | 65,000  | -    | -    | -    |
| <b>TOTAL</b>                               |      | <b>330,000</b>    |                       |     | <b>182,000</b>           | 148,000 | -    | -    | -    |
| NON-CITY FUNDING                           |      | -                 |                       |     | -                        | -       | -    | -    | -    |
| <b>TOTAL CITY FUNDING</b>                  |      | <b>330,000</b>    |                       |     | <b>182,000</b>           | 148,000 | -    | -    | -    |

\* To Be Determined

\*\*Requested but not Approved by the Commission

## City of Bismarck Capital Improvement Project 2017 - 2021

|                  |   |                 |                |
|------------------|---|-----------------|----------------|
| Department: Fire | Project Title: Addition to Tyler Parkway Fire Station | Priority 1 of 4 | 1st Year: 2016 |
|------------------|---|-----------------|----------------|

**Description:**  
 Construct a 400 s.f. addition to the Tyler Parkway Fire Station to alleviate congestion on the apparatus floor.

**Justification**  
 The current configuration of the stations apparatus floor does not allow for efficient use of the space for the storage of standby fire units and other equipment. With the addition the department could store a standby fire engine at the station which allows for better distribution of standby units throughout the city. Fitness equipment and other storage could be moved to the addition.

**Scheduling and Project Status**      RFQ for Eng/Architect in 2nd qtr of 2017. Bidding should occur in fourth quarter with construction to follow in qtr 1 of 2018.

**Annual Impact on Income and Operating Costs**

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-----------------|-----------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design | \$1,050         |                 |             |             |             | \$1,050          |
| Engineering/Architectural     | \$5,950         |                 |             |             |             | \$5,950          |
| Construction                  |                 | \$83,000        |             |             |             | \$83,000         |
| Other (specify)               | \$10,000        |                 |             |             |             | \$10,000         |
| <b>Total</b>                  | <b>\$17,000</b> | <b>\$83,000</b> |             |             |             | <b>\$100,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>City</b>                      |             |             |             |             |             |              |
| Enterprise Construction Reserves |             |             |             |             |             |              |
| Motel/Liquor/Restaurant          |             |             |             |             |             |              |
| Building Construction            | \$17,000    | \$83,000    |             |             |             | \$100,000    |
| Sales Tax Fund                   |             |             |             |             |             |              |
| Special Assessment Bonds         |             |             |             |             |             |              |
| Other (specify)                  |             |             |             |             |             |              |

|                   |                 |                 |  |  |  |                  |
|-------------------|-----------------|-----------------|--|--|--|------------------|
| <b>Non-City</b>   |                 |                 |  |  |  |                  |
| Private/Donations |                 |                 |  |  |  |                  |
| Federal Grant     |                 |                 |  |  |  |                  |
| State Grant       |                 |                 |  |  |  |                  |
| <b>Total</b>      | <b>\$17,000</b> | <b>\$83,000</b> |  |  |  | <b>\$100,000</b> |

|                              |                                   |  |
|------------------------------|-----------------------------------|--|
| PREPARER L. Wohl/J Boespflug | PREPARER'S PHONE NUMBER 1743/1423 |  |
|------------------------------|-----------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Fire      Project Title: Replace Headquarters Fire Station Boiler      Priority 2 of 4      1st Year: 2015

Description: The boiler at the headquarters fire station is in need of a replacement due to age and difficulty to repair.

Justification The boiler has potential for system failure during high demand seasons. It has reached its life expectancy and is now difficult to maintain.

Scheduling and Project Status RFQ for Engineering services fourth quarter 2016; design first quarter 2017. Bidding early second quarter 2017, installation third quarter 2017 with substantial completion by October 15, 2017, prior to primary heating season.

Annual Impact on Income and Operating Costs The annual operating costs should decrease as it will be replaced with a newer and more energy efficient boiler.

| Project Costs:                   | 2017             | 2018 | 2019 | 2020 | 2021 | Total            |
|----------------------------------|------------------|------|------|------|------|------------------|
| Planning & Preliminary Design    |                  |      |      |      |      |                  |
| Engineering/Architectural        |                  |      |      |      |      |                  |
| Construction                     | \$165,000        |      |      |      |      | \$165,000        |
| 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            | \$165,000        |      |      |      |      | \$165,000        |
| 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> |

|                       |                                  |  |
|-----------------------|----------------------------------|--|
| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
|-----------------------|----------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Fire | Project Title: Purchase Land for Future Fire Stations | Priority 3 of 4 | 1st Year: 2016

Description:  
Purchase land of sufficient size to house two future fire stations.

Justification In review of plat information, building permits and other growth indicators, two locations will be needed for fire stations. The planning is long-range but preferred location is particularly important in fire protection. Purchasing land in advance can save significant funds by not paying premium prices at time of construction. Proper locations of fire stations will allow for more efficient fire protection operations.

Annual Impact on Income and Operating Costs

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Planning & Preliminary Design |             |             |             |             |             |              |
| Engineering/Architectural     |             |             |             |             |             |              |
| Construction                  |             |             |             |             |             |              |
| Other (specify)               | TBD         |             |             |             |             | TBD          |
| <b>Total</b>                  | <b>TBD</b>  |             |             |             |             | <b>TBD</b>   |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>City</b>                      |             |             |             |             |             |              |
| Enterprise Construction Reserves |             |             |             |             |             |              |
| Motel/Liquor/Restaurant          |             |             |             |             |             |              |
| Building Construction            |             |             |             |             |             |              |
| Sales Tax Fund                   |             |             |             |             |             |              |
| Special Assessment Bonds         |             |             |             |             |             |              |
| Other (specify)                  | TBD         |             |             |             |             | TBD          |
| <b>Non-City</b>                  |             |             |             |             |             |              |
| Private/Donations                |             |             |             |             |             |              |
| Federal Grant                    |             |             |             |             |             |              |
| State Grant                      |             |             |             |             |             |              |
| <b>Total</b>                     | <b>TBD</b>  |             |             |             |             | <b>TBD</b>   |

PREPARER J Boespflug | PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Fire      Project Title: Headquarters Fire Station Air Refill Compressor      Priority 4 of 4      1st Year: 2015

Description: The air refill compressor is aging. Potential exists for failure. Were that to happen only one refill would exist for all of the City Fire Stations. For north stations the distance and time needed to accomplish refill would be greatly extended.

Justification Assuring operation of the unit provides security that safety related tasks can be accomplished in a timely manner. Also provides back-up should anything happen to other compressor at Station 2.

Scheduling and Project Status RFQ for Engineering services fourth quarter 2017; design first quarter 2018. Bidding early first quarter 2018, installation second quarter 2018 with substantial completion by July 15, 2018.

Annual Impact on Income and Operating Costs It will reduce maintenance costs which will increase as the existing unit becomes more difficult to keep working. It would replace an existing unit.

| <b>Project Costs:</b>                  | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|--|-------------|-----------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design          |             |                 |             |             |             |                 |
| Engineering/Architectural              |             |                 |             |             |             |                 |
| Construction                           |             |                 |             |             |             |                 |
| Other (specify) Equipment Installation |             | \$65,000        |             |             |             | \$65,000        |
| <b>Total</b>                           |             | <b>\$65,000</b> |             |             |             | <b>\$65,000</b> |

| <b>Project Funding:</b>          | <b>2017</b> | <b>2018</b>     | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|----------------------------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| <b>City</b>                      |             |                 |             |             |             |                 |
| Enterprise Construction Reserves |             |                 |             |             |             |                 |
| Motel/Liquor/Restaurant          |             |                 |             |             |             |                 |
| Building Construction            |             | \$65,000        |             |             |             | \$65,000        |
| Sales Tax Fund                   |             |                 |             |             |             |                 |
| Special Assessment Bonds         |             |                 |             |             |             |                 |
| Other (specify)                  |             |                 |             |             |             |                 |
| <b>Non-City</b>                  |             |                 |             |             |             |                 |
| Private/Donations                |             |                 |             |             |             |                 |
| Federal Grant                    |             |                 |             |             |             |                 |
| State Grant                      |             |                 |             |             |             |                 |
| <b>Total</b>                     |             | <b>\$65,000</b> |             |             |             | <b>\$65,000</b> |

PREPARER LaVonne Wohl      PREPARER'S PHONE NUMBER 355-1743

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
LIBRARY

| Requested Project                   | Rank | Cost to be Funded | Funding               | Projected Costs Per Year |                  |        |      |      |      |
|-------------------------------------|------|-------------------|-----------------------|--------------------------|------------------|--------|------|------|------|
|                                     |      |                   | Source                | %                        | 2017             | 2018   | 2019 | 2020 | 2021 |
| Library Roof and Clerestory Windows | 1    | 300,000           | Building Construction | 100                      | <b>300,000</b>   | -      | -    | -    | -    |
| *Library HVAC Upgrade               | 2    | 770,000           | Building Construction | 100                      | <b>770,000</b>   | -      | -    | -    | -    |
| Library Main Stack Lighting Update  | 3    | 77,000            | Building Construction | 100                      | -                | 77,000 | -    | -    | -    |
| <b>TOTAL</b>                        |      | 1,147,000         |                       |                          | <b>1,070,000</b> | 77,000 | -    | -    | -    |
| NON-CITY FUNDING                    |      | -                 |                       |                          | -                | -      | -    | -    | -    |
| <b>TOTAL CITY FUNDING</b>           |      | 1,147,000         |                       |                          | <b>1,070,000</b> | 77,000 | -    | -    | -    |

**\*Requested but not Approved by the Commission**

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |  |                 |                |
|--|--|-----------------|----------------|
| Department: Library  | Project Title: Library Roof and Clerestory Windows | Priority 1 of 3 | 1st Year: 2014 |
| Description: Last year, (2015) \$847,000 was funded to repair the roof and clerestory windows in the Public Library. Further research into leaks identified the primary source to be the roof to wall connection and deteriorated EIFS. This funding adds wall finish replacement to the scope of the project.   |  |                 |                |
| Justification The wall finish has deteriorated and is allowing water into the roof system and the building interior. The leaking is in areas that contain books (valued at over \$4 million) and equipment, risking both. The roof system has lost it's protective coating and will not tolerate moderate levels of humidity needed to protect the books and staff, which is projected for the HVAC project. Due to water and humidity issues, the rare book collection (valued at ~\$68,000), which contains Bismarck and ND historical information, is also at risk. When it rains, Library staff set out several buckets throughout the building to catch the leaking rain. |  |                 |                |
| Scheduling and Project Status The project is in design currently in 2016. Bidding would be first quarter 2017, Construction to begin 2nd quarter and continue through the end of the year, potentially into 2018.  |  |                 |                |
| Annual Impact on Income and Operating Costs Operating costs should decrease after the leaking stops. Improved insulation system will reduce energy costs. Costs to repair ceiling from stains and wet surfaces will be reduced.  |  |                 |                |

| Project Costs:                | 2017             | 2018 | 2019 | 2020 | 2021 | Total            |
|-------------------------------|------------------|------|------|------|------|------------------|
| 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:                 | 2017             | 2018 | 2019 | 2020 | 2021 | Total            |
|----------------------------------|------------------|------|------|------|------|------------------|
| <b>City</b>                      |                  |      |      |      |      |                  |
| Enterprise Construction Reserves |                  |      |      |      |      |                  |
| Motel/Liquor/Restaurant          |                  |      |      |      |      |                  |
| Building Construction            | \$300,000        |      |      |      |      | \$300,000        |
| 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> |

|                       |                                  |  |
|-----------------------|----------------------------------|--|
| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
|-----------------------|----------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Library      Project Title: Library HVAC Upgrade      Priority 2 of 3      1st Year: 2014

Description: Upgrade HVAC system to current standards and efficient systems, improve humidity, convert from pneumatic to digital controls. This project does have the potential for phased construction with multiple independent projects. See project detailed description for more information.

Justification Problems with existing ventilation system causes condensation on ductwork, damaging ceiling. System is inefficient and controls are outdated. Several controls and thermostats throughout the building no longer work, which results in some public/staff areas being ~65 degrees, including the story room where kids often wear coats and mittens during story time, while other areas are ~85 degrees. HVAC issues also affect humidity levels. There are currently dehumidifiers running continuously in the rare book room in an effort to keep rare books from becoming damp and moldy (collection valued at ~\$68,000).

Scheduling and Project Status Engineering study began 1st quarter 2016 and finished second quarter with a revised, more detailed definition of issues. Engineering design began 2nd quarter of 2016 and will finish in time for bidding in 1st quarter 2017, construction beginning in second quarter 2017 and will finish by end of 2017. Funds for Engineering Services for bidding and contract administration are in addition to funding in 2016.

Annual Impact on Income and Operating Costs Recurring reduction in annual operating costs would occur from the upgrades. Elimination of primary source of ceiling damage caused by condensation dripping.

| <b>Project Costs:</b>            | <b>2017</b>      | <b>2018</b>                      | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |  |
|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|------------------|--|
| Planning & Preliminary Design    |                  |                                  |             |             |             |                  |  |
| Engineering/Architectural        | \$20,000         |                                  |             |             |             | <b>\$20,000</b>  |  |
| Construction                     | \$750,000        |                                  |             |             |             | <b>\$750,000</b> |  |
| Other (specify)                  |                  |                                  |             |             |             |                  |  |
| <b>Total</b>                     | <b>\$770,000</b> |                                  |             |             |             | <b>\$770,000</b> |  |
| <b>Project Funding:</b>          |                  |                                  |             |             |             |                  |  |
| <b>City</b>                      |                  |                                  |             |             |             |                  |  |
| Enterprise Construction Reserves |                  |                                  |             |             |             |                  |  |
| Motel/Liquor/Restaurant          |                  |                                  |             |             |             |                  |  |
| Building Construction            | \$770,000        |                                  |             |             |             | <b>\$770,000</b> |  |
| Sales Tax Fund                   |                  |                                  |             |             |             |                  |  |
| Special Assessment Bonds         |                  |                                  |             |             |             |                  |  |
| Other (specify)                  |                  |                                  |             |             |             |                  |  |
| <b>Non-City</b>                  |                  |                                  |             |             |             |                  |  |
| Private/Donations                |                  |                                  |             |             |             |                  |  |
| Federal Grant                    |                  |                                  |             |             |             |                  |  |
| State Grant                      |                  |                                  |             |             |             |                  |  |
| <b>Total</b>                     | <b>\$770,000</b> |                                  |             |             |             | <b>\$770,000</b> |  |
| PREPARER LaVonne Wohl            |                  | PREPARER'S PHONE NUMBER 355-1743 |             |             |             |                  |  |



## City of Bismarck Capital Improvement Project 2017 - 2021

|  |   |                                  |                |             |             |                 |
|--|---|----------------------------------|----------------|-------------|-------------|-----------------|
| Department: Library  | Project Title: Main Stack Lighting Update | Priority 3 of 3                  | 1st Year: 2014 |             |             |                 |
| Description: The lighting in the main stack still needs to be upgraded from T12 to T5 or LED lamps. T12 luminaires are obsolete and can no longer be purchased to replace existing ones.   |   |                                  |                |             |             |                 |
| Justification: Eventually there will be no working light fixtures in the main stack since the current bulbs cannot be replaced. New light fixtures are necessary. Some fixtures are being replaced in a renovation project funded by the Foundation. That is in progress so more will be known about remaining work by 2018. |   |                                  |                |             |             |                 |
| Scheduling and Project Status: Engineering was accomplished in 2013; update review in first quarter 2017. Bidding in late first quarter 2017. Installation in second quarter 2017.   |   |                                  |                |             |             |                 |
| Annual Impact on Income and Operating Costs: The new light fixtures will be more efficient and reduce annual operating costs. There will also be fewer lamps operating.  |   |                                  |                |             |             |                 |
| <b>Project Costs:</b>  | <b>2017</b>                               | <b>2018</b>                      | <b>2019</b>    | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
| Planning & Preliminary Design  |   |                                  |                |             |             |                 |
| Engineering/Architectural  |   | \$1,000                          |                |             |             | \$1,000         |
| Construction   |   | \$76,000                         |                |             |             | \$76,000        |
| Other (specify)  |   |                                  |                |             |             |                 |
| <b>Total</b>   |   | <b>\$77,000</b>                  |                |             |             | <b>\$77,000</b> |
| <b>Project Funding:</b>  |   |                                  |                |             |             |                 |
| <b>City</b>  |   |                                  |                |             |             |                 |
| Enterprise Construction Reserves   |   |                                  |                |             |             |                 |
| Motel/Liquor/Restaurant  |   |                                  |                |             |             |                 |
| Building Construction  |   | \$77,000                         |                |             |             | \$77,000        |
| 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> |
| PREPARER LaVonne Wohl  |   | PREPARER'S PHONE NUMBER 355-1743 |                |             |             |                 |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**

POLICE

| Requested Project                | Rank | Cost to be Funded | Funding               | Projected Costs Per Year |                  |         |           |      |      |
|----------------------------------|------|-------------------|-----------------------|--------------------------|------------------|---------|-----------|------|------|
|                                  |      |                   | Source                | %                        | 2017             | 2018    | 2019      | 2020 | 2021 |
| *Police Expansion and Renovation | 1    | 10,442,000        | Building Construction | 100                      | <b>2,542,000</b> | -       | 7,900,000 | -    | -    |
| Parking Lot Security Fence       | 2    | 87,000            | Building Construction | 100                      | <b>87,000</b>    | -       | -         | -    | -    |
| *Replace Masonry Wall Panels     | 3    | 300,000           | Building Construction | 100                      | <b>25,000</b>    | 275,000 | -         | -    | -    |
| Police Department Storage        | 4    | 80,000            | Building Construction | 100                      | <b>80,000</b>    | -       | -         | -    | -    |
| <b>TOTAL</b>                     |      | 10,909,000        |                       |                          | <b>2,734,000</b> | 275,000 | 7,900,000 | -    | -    |
| NON-CITY FUNDING                 |      | -                 |                       |                          | -                | -       | -         | -    | -    |
| <b>TOTAL CITY FUNDING</b>        |      | 10,909,000        |                       |                          | <b>2,734,000</b> | 275,000 | 7,900,000 | -    | -    |

**\*Requested but not Approved by the Commission**

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Police Department      Project Title: Expansion and Renovation      Priority 1 of 4      1st Year: 2015

Description: The Police Department has grown and needs new office space, squad and tactical vehicle storage, and conditioned evidence space. This project is part of a two phase implementation, with evidence storage, relocated central storage and renovated office space where storage was taking place. This project would be followed by one that provides squad and tactical vehicle storage.

Justification Growing staff needs and workload has increased the amount of general storage, evidence storage and office space demands. This project addresses those needs as identified in the Space Needs Study done in 2014.

Scheduling and Project Status RFQ for Architectural/Engineering Services in fourth quarter 2016. Design begins in first quarter 2017 and prepares for bidding by third quarter 2017. Construction begins fourth quarter 2017 and completes in phases by first quarter 2018, substantial completion by April 1, 2018. Design for Phase 2, first quarter 2018, bidding second quarter 2018, construction late second quarter 2018, substantial completion December 31, 2019.

Annual Impact on Income and Operating Costs Extra cost for maintenance and repair will be limited due to the static use nature of the space being added. Staff time will be saved by allowing more storage on site and less at remote location. Integrity of evidence preserved will save on litigation time. Protection of vehicles and staff will prevent loss of both.

| <b>Project Costs:</b>         | <b>2017</b>        | <b>2018</b> | <b>2019</b>        | <b>2020</b> | <b>2021</b> | <b>Total</b>        |
|-------------------------------|--------------------|-------------|--------------------|-------------|-------------|---------------------|
| Planning & Preliminary Design | \$17,000           |             | \$80,000           |             |             | <b>\$97,000</b>     |
| Engineering/Architectural     | \$150,000          |             | \$500,000          |             |             | <b>\$650,000</b>    |
| Construction                  | \$1,900,000        |             | \$5,900,000        |             |             | <b>\$7,800,000</b>  |
| Furnishings and/or Equipment  | \$275,000          |             | \$250,000          |             |             | <b>\$525,000</b>    |
| Other (Contingency)           | \$200,000          |             | \$1,170,000        |             |             | <b>\$1,370,000</b>  |
| <b>Total</b>                  | <b>\$2,542,000</b> |             | <b>\$7,900,000</b> |             |             | <b>\$10,442,000</b> |

| <b>Project Funding:</b>          |                    |  |                    |  |  |                     |
|----------------------------------|--------------------|--|--------------------|--|--|---------------------|
| <b>City</b>                      |                    |  |                    |  |  |                     |
| Enterprise Construction Reserves |                    |  |                    |  |  |                     |
| Motel/Liquor/Restaurant          |                    |  |                    |  |  |                     |
| Building Construction            | \$2,542,000        |  | \$7,900,000        |  |  | <b>\$10,442,000</b> |
| Sales Tax Fund                   |                    |  |                    |  |  |                     |
| Special Assessment Bonds         |                    |  |                    |  |  |                     |
| Other (specify)                  |                    |  |                    |  |  |                     |
| <b>Non-City</b>                  |                    |  |                    |  |  |                     |
| Private/Donations                |                    |  |                    |  |  |                     |
| Federal Grant                    |                    |  |                    |  |  |                     |
| State Grant                      |                    |  |                    |  |  |                     |
| <b>Total</b>                     | <b>\$2,542,000</b> |  | <b>\$7,900,000</b> |  |  | <b>\$10,442,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

|                           |  |                 |                |
|---------------------------|--|-----------------|----------------|
| <b>Department:</b> Police | <b>Project Title:</b> Parking Lot Security Fence | Priority 2 of 4 | 1st Year: 2017 |
|---------------------------|--|-----------------|----------------|

**Description:**  
Fence around open areas of the PD property at the Police Station, primarily north and west sides of parking lot.

**Justification:**  
PD has experienced public intrusion and damage to vehicles of police officers, concern for safety of staff, particularly female staff and all staff leaving at night, even videotaping employee's cars and license plates. Risk is of special concern for staff who exit the building who are not armed for protection. This is an issue of safety. It is now even more critical given the sense of negativity toward police officers by some members of the public.

**Scheduling and Project Status:**  
RFP for fence in first quarter 2017 to be prepared for installation in second quarter, as soon as ground conditions permit.

**Annual Impact on Income and Operating Costs:**  
Reduction in turnover of PD staff concerned for personal safety on and off the job. System would low maintenance and would reduce unnecessary traffic through the lot as currently happens, reducing wear on paving.

| Project Costs:                | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|-------------------------------|-----------------|------|------|------|------|-----------------|
| Planning & Preliminary Design |                 |      |      |      |      |                 |
| Engineering/Architectural     |                 |      |      |      |      |                 |
| Construction                  | \$87,000        |      |      |      |      | \$87,000        |
| Other (specify)               |                 |      |      |      |      |                 |
| <b>Total</b>                  | <b>\$87,000</b> |      |      |      |      | <b>\$87,000</b> |

| Project Funding:<br>City         | 2017     | 2018 | 2019 | 2020 | 2021 | Total    |
|----------------------------------|----------|------|------|------|------|----------|
| Enterprise Construction Reserves |          |      |      |      |      |          |
| Motel/Liquor/Restaurant          |          |      |      |      |      |          |
| Building Construction            | \$87,000 |      |      |      |      | \$87,000 |
| Sales Tax Fund                   |          |      |      |      |      |          |
| Special Assessment Bonds         |          |      |      |      |      |          |
| Other (specify)                  |          |      |      |      |      |          |

| Non-City          | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|-------------------|-----------------|------|------|------|------|-----------------|
| Private/Donations |                 |      |      |      |      |                 |
| Federal Grant     |                 |      |      |      |      |                 |
| State Grant       |                 |      |      |      |      |                 |
| <b>Total</b>      | <b>\$87,000</b> |      |      |      |      | <b>\$87,000</b> |

|          |                         |  |
|----------|-------------------------|--|
| PREPARER | PREPARER'S PHONE NUMBER |  |
|----------|-------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

|                                      |   |                 |                |
|--------------------------------------|---|-----------------|----------------|
| <b>Department:</b> Police Department | <b>Project Title:</b> Replace Masonry Wall Panels | Priority 3 of 4 | 1st Year: 2016 |
|--------------------------------------|---|-----------------|----------------|

**Description:**  
Remove existing brick, brick ties and insulation. Replace with exterior finish system that is weather resistant and secured to building structure.

**Justification:**  
Existing brick has a rigid connection to light gauge metal studs that allow greater movement than the brick face will tolerate. The wall also has no water-tight protection between the brick and the interior drywall finish. Insulation has tongue and grooved joints that allow water penetration. No sheathing other than the rigid insulation exists. Insulation is limited to a thin layer (about 1.5 inches) of rigid extruded polystyrene that allows wind and water penetration, reducing the thermal value to nearly 0 during high winds, high rain events. Curtainwall and stone finishes are secured to structure and are stable. Brick wall panels where interior partitions intersect are also more stable. Opportunity does exist to add windows in offices added between original windows.

**Scheduling and Project Status:**  
RFQ during third quarter 2017, design during fourth quarter 2017, bidding and contracting during first quarter 2018, construction starting second quarter 2018 and continuing through remainder of year. Alternate schedule and contracting would be to add to proposed building addition project and construct at the same time.

**Annual Impact on Income and Operating Costs:**  
Reduced maintenance costs and energy costs currently endured due to leaking walls and virtually no insulation in 80% of exterior wall of Police Station. Garage area is different construction so does not share the problems of the office area.

| <b>Project Costs:</b>         | 2017            | 2018             | 2019 | 2020 | 2021 | Total            |
|-------------------------------|-----------------|------------------|------|------|------|------------------|
| Planning & Preliminary Design |                 |                  |      |      |      |                  |
| Engineering/Architectural     | \$25,000        |                  |      |      |      | \$25,000         |
| Construction                  |                 | \$275,000        |      |      |      | \$275,000        |
| Other (specify)               |                 |                  |      |      |      |                  |
| <b>Total</b>                  | <b>\$25,000</b> | <b>\$275,000</b> |      |      |      | <b>\$300,000</b> |

| <b>Project Funding:</b>          | 2017            | 2018             | 2019 | 2020 | 2021 | Total            |
|----------------------------------|-----------------|------------------|------|------|------|------------------|
| <b>City</b>                      |                 |                  |      |      |      |                  |
| Enterprise Construction Reserves |                 |                  |      |      |      |                  |
| Motel/Liquor/Restaurant          |                 |                  |      |      |      |                  |
| Building Construction            | \$25,000        | \$275,000        |      |      |      | \$300,000        |
| Sales Tax Fund                   |                 |                  |      |      |      |                  |
| Special Assessment Bonds         |                 |                  |      |      |      |                  |
| Other (specify)                  |                 |                  |      |      |      |                  |
| <b>Non-City</b>                  |                 |                  |      |      |      |                  |
| Private/Donations                |                 |                  |      |      |      |                  |
| Federal Grant                    |                 |                  |      |      |      |                  |
| State Grant                      |                 |                  |      |      |      |                  |
| <b>Total</b>                     | <b>\$25,000</b> | <b>\$275,000</b> |      |      |      | <b>\$300,000</b> |

|                         |                                      |  |
|-------------------------|--------------------------------------|--|
| PREPARER : LaVonne Wohl | PREPARER'S PHONE NUMBER 701-355-1743 |  |
|-------------------------|--------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

|   |  |  |                |
|---|--|--|----------------|
| Department: Police Department   | Project Title: Police Department Storage | Priority 4 of 4  | 1st Year: 2015 |
| Description: Last year (2015) \$195,000 was funded to design and construct a storage building for the police department because of their lack of space for large object evidence storage. An additional \$80,000 is needed to complete the project. |  |  |                |
| Justification: Mixing of general storage and evidence storage risks contamination of the evidence. Additional space also is required to accommodate the growth in volume of evidence being stored and the extended time for it to be saved.         |  |  |                |
| Scheduling and Project Status   |  | The project is expected to stay on the same timeline for completion with design first quarter of 2017 (unless done in-house). Bidding projected for end of first quarter 2017 and construction beginning second quarter of 2017, with substantial completion December 1, 2017. |                |
| Annual Impact on Income and Operating Costs   |  | Limited costs for maintenance as contents are fairly static. Separation will reduce moving of contents Will reduce staff time searching for evidence through general storage.  |                |

| Project Costs:                | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|-------------------------------|-----------------|------|------|------|------|-----------------|
| Planning & Preliminary Design |                 |      |      |      |      |                 |
| Engineering/Architectural     |                 |      |      |      |      |                 |
| Construction                  | \$80,000        |      |      |      |      | \$80,000        |
| Other (specify)               |                 |      |      |      |      |                 |
| <b>Total</b>                  | <b>\$80,000</b> |      |      |      |      | <b>\$80,000</b> |

| Project Funding:                 | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|----------------------------------|-----------------|------|------|------|------|-----------------|
| <b>City</b>                      |                 |      |      |      |      |                 |
| Enterprise Construction Reserves |                 |      |      |      |      |                 |
| Motel/Liquor/Restaurant          |                 |      |      |      |      |                 |
| Building Construction            | \$80,000        |      |      |      |      | \$80,000        |
| Sales Tax Fund                   |                 |      |      |      |      |                 |
| Special Assessment Bonds         |                 |      |      |      |      |                 |
| Other (specify)                  |                 |      |      |      |      |                 |
| <b>Non-City</b>                  |                 |      |      |      |      |                 |
| Private/Donations                |                 |      |      |      |      |                 |
| Federal Grant                    |                 |      |      |      |      |                 |
| State Grant                      |                 |      |      |      |      |                 |
| <b>Total</b>                     | <b>\$80,000</b> |      |      |      |      | <b>\$80,000</b> |

|                       |                                  |  |
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| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
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**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**PUBLIC HEALTH**

| Requested Project                  | Rank | Cost to be Funded | Funding               | Projected Costs Per Year |      |         |           |         |         |
|------------------------------------|------|-------------------|-----------------------|--------------------------|------|---------|-----------|---------|---------|
|                                    |      |                   | Source                | %                        | 2017 | 2018    | 2019      | 2020    | 2021    |
| Public Health Relocation           | 1    | 3,500,000         | Building Construction | 100                      | -    | 205,000 | 3,295,000 | -       | -       |
| Replace Public Health Cooling Tank | 2    | 125,000           | Building Construction | 100                      | -    | -       | -         | 125,000 | -       |
| Replace EIFS                       | 3    | 170,000           | Building Construction | 100                      | -    | -       | -         | -       | 170,000 |
| TOTAL                              |      | 3,795,000         |                       |                          | -    | 205,000 | 3,295,000 | 125,000 | 170,000 |
| NON-CITY FUNDING                   |      | -                 |                       |                          | -    | -       | -         | -       | -       |
| TOTAL CITY FUNDING                 |      | 3,795,000         |                       |                          | -    | 205,000 | 3,295,000 | 125,000 | 170,000 |

## City of Bismarck Capital Improvement Project 2016 - 2020

|  |   |                 |                |
|--|---|-----------------|----------------|
| Department: Public Health  | Project Title: Public Health Relocation | Priority 1 of 3 | 1st Year: 2015 |
| <p>Description: The Public Health Building meets the needs for the Department now and in the future, with some limited renovation needed. If this site is identified as a future parking ramp site, then a relocation project would be needed for Public Health. The Space Needs Study for the department identified a downtown site that would work. The cost of this is less than a new building constructed on a new site. The costs and timing identified use the relocation option as a starting point. If that site is no longer available when the need arises, that would require an adjustment in options or adjusting to a new site.</p> |   |                 |                |
| <p>Justification This project would be needed if the current site is determined to be the best site and needed site for a Parking Ramp, as proposed in the Downtown Master Plan. The existing facility works for this department with some minor adjustments. This would be a priority driven by outside forces.</p>   |   |                 |                |
| <p>Scheduling and Project Status RFQ for Architectural/Engineering services in fourth quarter 2017. Design begins in first quarter 2016 and prepares for bidding by third quarter 2016. Construction begins fourth quarter 2016 and completes in phases by first quarter 2018, substantial completion by April 1, 2018. Design for Phase 2, first quarter 2018, bidding second quarter 2018, construction late second quarter 2018, substantial completion December 31, 2019.</p>  |   |                 |                |
| <p>Annual Impact on Income and Operating Costs Option B would be leased space. Maintenance would be part of lease payment. Option C would use same staff as current, maybe less without tenant space currently maintained. Size of facility would be less; tenant income would also do away.</p>   |   |                 |                |

| Project Costs:                  | 2016 | 2017 | 2018             | 2019               | 2020 | Total              |
|---------------------------------|------|------|------------------|--------------------|------|--------------------|
| Planning & Preliminary Design   |      |      | \$30,000         |                    |      | \$30,000           |
| Engineering/Architectural       |      |      | \$175,000        |                    |      | \$175,000          |
| Construction                    |      |      |                  | \$2,750,000        |      | \$2,750,000        |
| Furnishings and/or Equipment    |      |      |                  | \$545,000          |      | \$545,000          |
| Other (Soil Tests, Contingency) |      |      |                  |                    |      |                    |
| <b>Total</b>                    |      |      | <b>\$205,000</b> | <b>\$3,295,000</b> |      | <b>\$3,500,000</b> |

| Project Funding:                 | 2016 | 2017 | 2018             | 2019               | 2020 | Total              |
|----------------------------------|------|------|------------------|--------------------|------|--------------------|
| <b>City</b>                      |      |      |                  |                    |      |                    |
| Enterprise Construction Reserves |      |      |                  |                    |      |                    |
| Motel/Liquor/Restaurant          |      |      |                  |                    |      |                    |
| Building Construction            |      |      | \$205,000        | \$3,295,000        |      | \$3,500,000        |
| Sales Tax Fund                   |      |      |                  |                    |      |                    |
| Special Assessment Bonds         |      |      |                  |                    |      |                    |
| Other (specify)                  |      |      |                  |                    |      |                    |
| <b>Non-City</b>                  |      |      |                  |                    |      |                    |
| Private/Donations                |      |      |                  |                    |      |                    |
| Federal Grant                    |      |      |                  |                    |      |                    |
| State Grant                      |      |      |                  |                    |      |                    |
| <b>Total</b>                     |      |      | <b>\$205,000</b> | <b>\$3,295,000</b> |      | <b>\$3,500,000</b> |

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| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
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## City of Bismarck Capital Improvement Project 2016 - 2020

Department: Public Health      Project Title: Replace Public Health Cooling Tower      Priority 2 of 3      1st Year: 2014

Description: Remove existing cooling tower and replace with new tower. Existing tower is aged and should be scheduled for replacement before failure.

Justification The cooling tower is an essential part of the cooling system in the facility. Failure of the tower means no air conditioning.

Scheduling and Project Status RFQ fourth quarter 2016; Engineering and bidding first quarter 2017.  
Construction beginning in second quarter 2017 through October 1, 2017 substantial completion in time for testing, balancing and spring 2018 cooling season.

Annual Impact on Income and Operating Costs New cooling towers run more efficiently so would use less energy, saving money in the future.

| <b>Project Costs:</b>         | <b>2016</b> | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>Total</b>     |
|-------------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |             |                  |             |             |             |                  |
| Engineering/Architectural     |             | \$12,500         |             |             |             | \$12,500         |
| Construction                  |             | \$112,500        |             |             |             | \$112,500        |
| Furnishings and/or Equipment  |             |                  |             |             |             |                  |
| Other (specify)               |             |                  |             |             |             |                  |
| <b>Total</b>                  |             | <b>\$125,000</b> |             |             |             | <b>\$125,000</b> |

| <b>Project Funding:</b>          | <b>2016</b> | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>Total</b>     |
|----------------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| <b>City</b>                      |             |                  |             |             |             |                  |
| Enterprise Construction Reserves |             |                  |             |             |             |                  |
| Motel/Liquor/Restaurant          |             |                  |             |             |             |                  |
| Building Construction            |             | \$125,000        |             |             |             | \$125,000        |
| Sales Tax Fund                   |             |                  |             |             |             |                  |
| Special Assessment Bonds         |             |                  |             |             |             |                  |
| Other (specify)                  |             |                  |             |             |             |                  |
| <b>Non-City</b>                  |             |                  |             |             |             |                  |
| Private/Donations                |             |                  |             |             |             |                  |
| Federal Grant                    |             |                  |             |             |             |                  |
| State Grant                      |             |                  |             |             |             |                  |
| <b>Total</b>                     |             | <b>\$125,000</b> |             |             |             | <b>\$125,000</b> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

**Department:** Public Health | **Project Title:** Replace EIFS | Priority 3 of 3 | 1st Year: 2015

**Description:**  
EIFS is cracking and deteriorating in many places and damage is deepening and expanding

**Justification:**  
Continuing cracking will lead to damage to the substrate level. Interior is left exposed to the outdoor environment during harsh conditions.

**Scheduling and Project Status:**  
RFQ for A/E services last quarter of 2020. Design 1st quarter 2021, bidding 2nd quarter 2021, construction 3rd quarter 2021.

**Annual Impact on Income and Operating Costs:**

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b>      | <b>Total</b>     |
|-------------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Planning & Preliminary Design |             |             |             |             |                  |                  |
| Engineering/Architectural     |             |             |             |             | \$20,000         | \$20,000         |
| Construction                  |             |             |             |             | \$150,000        | \$150,000        |
| Other (specify)               |             |             |             |             |                  |                  |
| <b>Total</b>                  |             |             |             |             | <b>\$170,000</b> | <b>\$170,000</b> |

| <b>Project Funding:</b>          |  |  |  |  |                  |                  |
|----------------------------------|--|--|--|--|------------------|------------------|
| <b>City</b>                      |  |  |  |  |                  |                  |
| Enterprise Construction Reserves |  |  |  |  |                  |                  |
| Motel/Liquor/Restaurant          |  |  |  |  |                  |                  |
| Building Construction            |  |  |  |  | \$170,000        | \$170,000        |
| Sales Tax Fund                   |  |  |  |  |                  |                  |
| Special Assessment Bonds         |  |  |  |  |                  |                  |
| Other (specify)                  |  |  |  |  |                  |                  |
| <b>Non-City</b>                  |  |  |  |  |                  |                  |
| Private/Donations                |  |  |  |  |                  |                  |
| Federal Grant                    |  |  |  |  |                  |                  |
| State Grant                      |  |  |  |  |                  |                  |
| <b>Total</b>                     |  |  |  |  | <b>\$170,000</b> | <b>\$170,000</b> |

PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**PUBLIC WORKS-BUILDING MAINTENANCE**

| Requested Project                | Rank | Cost to be Funded | Funding           |     | Projected Costs Per Year |      |         |            |      |
|----------------------------------|------|-------------------|-------------------|-----|--------------------------|------|---------|------------|------|
|                                  |      |                   | Source            | %   | 2017                     | 2018 | 2019    | 2020       | 2021 |
| City/County Expansion (Option D) | 1    | 33,890,940        | Bldg Construction | 100 | -                        | -    | 407,000 | 33,483,940 | -    |
| TOTAL                            |      | 33,890,940        |                   |     | -                        | -    | 407,000 | 33,483,940 | -    |
| NON-CITY FUNDING                 |      | -                 |                   |     | -                        | -    | -       | -          | -    |
| TOTAL CITY FUNDING               |      | 33,890,940        |                   |     | -                        | -    | 407,000 | 33,483,940 | -    |

## City of Bismarck Capital Improvement Project 2017 - 2021

|                         |   |                          |           |
|-------------------------|---|--------------------------|-----------|
| Department: City County | Project Title: City County Expansion (Option A) | Priority 1 Option A of 1 | 1st Year: |
|-------------------------|---|--------------------------|-----------|

**Description:**  
 The existing City County building does not meet the needs of the departments housed within it. Needs included more space for staff, for large meetings, training, multi-purpose rooms, and staff collaboration. The existing structure contributes to inefficient use of existing space. This option (option A) includes renovating and expanding the current City Hall. Renovation would occur in the second and third floors and half of the basement of the existing City/County building. The total renovated square footage is 33,000. There would be a 30,800 SF, 3-level addition built to the south of the existing City County building. Parking would remain as is where staff currently park.

**Justification:**  
 Current infrastructure limits future service levels because of how the circulation spaces are laid out. More and improved meeting rooms, on-site parking and additional staff space are all needs that cannot be met in the existing facility without major changes.

**Scheduling and Project Status:**  
 RFQ for Architectural/Engineering Services in fourth quarter 2018. Design begins in first quarter 2019 and prepares for bidding by third quarter 2019. Construction begins fourth quarter 2019 and completes in phases by first quarter 2020, Substantial Completion by April 1, 2020. Design for Phase 2, first quarter 2020, bidding second quarter 2020, construction late second quarter 2020, Substantial completion December 31, 2021.

**Annual Impact on Income and Operating Costs:**  
 Cost for maintenance and repair would be similar. Space would be greater but would be offset by more durable, maintenance free materials and systems. Would not change staffing requirements for Building Maintenance.

| Project Costs:                | 2017 | 2018 | 2019             | 2020                | 2021 | Total               |
|-------------------------------|------|------|------------------|---------------------|------|---------------------|
| Planning & Preliminary Design |      |      | \$45,000         | \$100,000           |      | \$145,000           |
| Engineering/Architectural     |      |      | \$300,000        | \$632,280           |      | \$932,280           |
| Construction                  |      |      |                  | \$10,538,000        |      | \$10,538,000        |
| Other (soft costs 35%)        |      |      | \$2,000          | \$3,688,300         |      | \$3,690,300         |
| <b>Total</b>                  |      |      | <b>\$347,000</b> | <b>\$14,958,580</b> |      | <b>\$15,305,580</b> |

| Project Funding:                 | 2017 | 2018 | 2019             | 2020                | 2021 | Total               |
|----------------------------------|------|------|------------------|---------------------|------|---------------------|
| <b>City</b>                      |      |      |                  |                     |      |                     |
| Enterprise Construction Reserves |      |      |                  |                     |      |                     |
| Motel/Liquor/Restaurant          |      |      |                  |                     |      |                     |
| Building Construction            |      |      | \$347,000        | \$14,958,580        |      | \$15,305,580        |
| Sales Tax Fund                   |      |      |                  |                     |      |                     |
| Special Assessment Bonds         |      |      |                  |                     |      |                     |
| Other (specify)                  |      |      |                  |                     |      |                     |
| <b>Non-City</b>                  |      |      |                  |                     |      |                     |
| Private/Donations                |      |      |                  |                     |      |                     |
| Federal Grant                    |      |      |                  |                     |      |                     |
| State Grant                      |      |      |                  |                     |      |                     |
| <b>Total</b>                     |      |      | <b>\$347,000</b> | <b>\$14,958,580</b> |      | <b>\$15,305,580</b> |

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| PREPARER LaVonne Wohl | PREPARER'S PHONE NUMBER 355-1743 |  |
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## City of Bismarck Capital Improvement Project 2017 - 2021

Department: City County Building      Project Title: City County Expansion (Option B)      Priority 1 Option B of 1      1st Year:

**Description:**  
 The existing City County building does not meet the needs of the departments housed within it. Needs included more space for staff, for large meetings, training, multi-purpose rooms, and staff collaboration. The existing structure contributes to inefficient use of existing space. This option (option B), proposes that a new facility gets built downtown as well as an addition at Public Works. In downtown, 3 stories of new construction would be built at the corner of 5th and Thayer to house Administration, City Attorney, HR, Finance, and shared areas. These departments total 38,900 SF. Also included are 27 indoor enclosed parking stalls and a first story garage that is equal to 9,400 SF. There would be three stories total. The ground floor would equal 8,900 SF + 9,400 SF garage. The second and third floors would equal 15,000 SF each. The total downtown square footage would be 48,300. At Public Works, there would be an addition built that would house Engineering, Community Development, and proportionate shared areas. Those areas would equal 25,000 SF, making the total square footage at Public Works 25,000.

**Justification:** Current infrastructure limits future service levels because of how the circulation spaces are laid out. More and improved meeting rooms, on-site parking and additional staff space are all needs that cannot be met in the existing facility without major changes.

**Scheduling and Project Status:**  
 RFQ for Architectural/Engineering Services in fourth quarter 2018. Design begins in first quarter 2019 and prepares for bidding by third quarter 2019. Construction begins fourth quarter 2019 and completes in phases by first quarter 2020, substantial completion by April 1, 2020. Design for Phase 2, first quarter 2020, bidding second quarter 2020, construction late second quarter 2020, substantial completion December 31, 2021.

**Annual Impact on Income and Operating Costs:**  
 Cost for maintenance and repair would be similar. Space would be greater but would be offset by more durable, maintenance free materials and systems. Would not change staffing requirements for Building Maintenance.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b>      | <b>2020</b>        | <b>2021</b>         | <b>Total</b>        |
|-------------------------------|-------------|-------------|------------------|--------------------|---------------------|---------------------|
| Planning & Preliminary Design |             |             | \$55,000         | \$120,000          |                     | \$175,000           |
| Engineering/Architectural     |             |             | \$310,000        | \$675,000          |                     | \$985,000           |
| Construction                  |             |             |                  | \$6,000,000        | \$14,100,000        | \$20,100,000        |
| Other (soft costs)            |             |             | \$3,000          | \$475,000          | \$1,250,000         | \$1,728,000         |
| <b>Total</b>                  |             |             | <b>\$368,000</b> | <b>\$7,270,000</b> | <b>\$15,350,000</b> | <b>\$22,988,000</b> |

| <b>Project Funding:</b>          |  |  |                  |                    |                     |                     |
|----------------------------------|--|--|------------------|--------------------|---------------------|---------------------|
| <b>City</b>                      |  |  |                  |                    |                     |                     |
| Enterprise Construction Reserves |  |  |                  |                    |                     |                     |
| Motel/Liquor/Restaurant          |  |  |                  |                    |                     |                     |
| Building Construction            |  |  | \$368,000        | \$7,270,000        | \$25,350,000        | \$22,988,000        |
| Sales Tax Fund                   |  |  |                  |                    |                     |                     |
| Special Assessment Bonds         |  |  |                  |                    |                     |                     |
| Other (specify)                  |  |  |                  |                    |                     |                     |
| <b>Non-City</b>                  |  |  |                  |                    |                     |                     |
| Private/Donations                |  |  |                  |                    |                     |                     |
| Federal Grant                    |  |  |                  |                    |                     |                     |
| State Grant                      |  |  |                  |                    |                     |                     |
| <b>Total</b>                     |  |  | <b>\$368,000</b> | <b>\$7,270,000</b> | <b>\$25,350,000</b> | <b>\$32,988,000</b> |

PREPARER LaVonne Wohl      PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

**Department:** City County      **Project Title:** City County Expansion (Option C)      Priority 1 Option C of 1      1st Year:

**Description:**  
 In downtown, on the site kiddy corner at the corner of 5th and Thayer, there would be 5 stories of new construction to house all departments. The departments total 38,900 SF. Also included, are 27 enclosed indoor parking stalls and a 1 story garage equaling 9,400 SF. Total, there would be 5 stories. The ground floor would be 8,900 SF + 9,400 SF garage. The second, third, fourth, and fifth floors would equal 13,500 SF each. The total, new downtown building square footage would equal 72,300.

**Justification:**  
 The current infrastructure limits future service levels because of how the circulation spaces are laid out. This option, to move off site completely, allows for a complete redesign that would allow for each department to have the adequate space.

**Scheduling and Project Status:**  
 RFQ for Architectural/Engineering Services in fourth quarter 2018. Design begins in first quarter 2019 and prepares for bidding by third quarter 2019. Construction begins fourth quarter 2019 and completes in phases by first quarter 2020, substantial completion by April 1, 2020. Design for Phase 2, first quarter 2020, bidding second quarter 2020, construction late second quarter 2020, substantial completion December 31, 2021.

**Annual Impact on Income and Operating Costs:**  
 Cost for maintenance and repair would be similar. Space would be greater but would be offset by more durable, maintenance free materials and systems. Would not change staffing requirements for Building Maintenance.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b>      | <b>2020</b>         | <b>2021</b> | <b>Total</b>        |
|-------------------------------|-------------|-------------|------------------|---------------------|-------------|---------------------|
| Planning & Preliminary Design |             |             | \$60,000         | \$140,000           |             | <b>\$200,000</b>    |
| Engineering/Architectural     |             |             | \$320,000        | \$1,062,810         |             | <b>\$1,382,810</b>  |
| Construction                  |             |             |                  | \$17,713,500        |             | <b>\$17,713,500</b> |
| Other (soft costs 35%)        |             |             | \$5,000          | \$6,199,725         |             | <b>\$6,204,725</b>  |
| <b>Total</b>                  |             |             | <b>\$385,000</b> | <b>\$25,116,035</b> |             | <b>\$25,501,035</b> |

| <b>Project Funding:</b>          |  |  |                  |                     |  |                     |
|----------------------------------|--|--|------------------|---------------------|--|---------------------|
| <b>City</b>                      |  |  |                  |                     |  |                     |
| Enterprise Construction Reserves |  |  |                  |                     |  |                     |
| Motel/Liquor/Restaurant          |  |  |                  |                     |  |                     |
| Building Construction            |  |  | \$385,000        | \$25,116,035        |  | <b>\$25,501,035</b> |
| Sales Tax Fund                   |  |  |                  |                     |  |                     |
| Special Assessment Bonds         |  |  |                  |                     |  |                     |
| Other (specify)                  |  |  |                  |                     |  |                     |
| <b>Non-City</b>                  |  |  |                  |                     |  |                     |
| Private/Donations                |  |  |                  |                     |  |                     |
| Federal Grant                    |  |  |                  |                     |  |                     |
| State Grant                      |  |  |                  |                     |  |                     |
| <b>Total</b>                     |  |  | <b>\$385,000</b> | <b>\$25,116,035</b> |  | <b>\$25,501,035</b> |

PREPARER Lavonne Wohl      PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

|                                |  |                          |           |
|--------------------------------|--|--------------------------|-----------|
| <b>Department:</b> City County | <b>Project Title:</b> City County Expansion (Option D) | Priority 1 Option D of 1 | 1st Year: |
|--------------------------------|--|--------------------------|-----------|

**Description:**  
 The existing City County building does not meet the needs of the departments housed within it. Needs included more space for staff, for large meetings, training, multi-purpose rooms, and staff collaboration. The existing structure contributes to inefficient use of existing space. This option, (option D) proposes that in downtown there would be 5 stories of new construction at the corner of 5th and Thayer to house all departments. For parking, there would be 90 indoor parking stalls in an enclosed garage equaling 28,000 SF. There would be 5 stories above grade. The ground floor would be 8,900 SF at the first floor. The second, third, fourth, and fifth floors would be 13,500 SF each. The total square footage for downtown would be 90,900.

**Justification:**  
 The current infrastructure limits future service levels because of how the circulation spaces are laid out. This option, to move off site completely, allows for a complete redesign that would allow for each department to have the adequate space plus room for the staff to park in an enclosed structure below grade.

**Scheduling and Project Status:**  
 RFQ for Architectural/Engineering Services in fourth quarter 2018. Design begins in first quarter 2019 and prepares for bidding by third quarter 2019. Construction begins fourth quarter 2019 and completes in phases by first quarter 2020, substantial completion by April 1, 2020. Design for Phase 2, first quarter 2020, bidding second quarter 2020, construction late second quarter 2020, substantial completion December 31, 2021.

**Annual Impact on Income and Operating Costs:**  
 Cost for maintenance and repair would be similar. Space would be greater but would be offset by more durable, maintenance free materials and systems. Would not change staffing requirements for Building Maintenance.

| Project Costs:                | 2017 | 2018 | 2019             | 2020                | 2021 | Total               |
|-------------------------------|------|------|------------------|---------------------|------|---------------------|
| Planning & Preliminary Design |      |      | \$70,000         | \$160,000           |      | \$230,000           |
| Engineering/Architectural     |      |      | \$330,000        | \$1,418,040         |      | \$1,748,040         |
| Construction                  |      |      |                  | \$23,634,000        |      | \$23,634,000        |
| Other (soft costs 35%)        |      |      | \$7,000          | \$8,271,900         |      | \$8,278,900         |
| <b>Total</b>                  |      |      | <b>\$407,000</b> | <b>\$33,483,940</b> |      | <b>\$33,890,940</b> |

| Project Funding:                 | 2017 | 2018 | 2019             | 2020                | 2021 | Total               |
|----------------------------------|------|------|------------------|---------------------|------|---------------------|
| <b>City</b>                      |      |      |                  |                     |      |                     |
| Enterprise Construction Reserves |      |      |                  |                     |      |                     |
| Motel/Liquor/Restaurant          |      |      |                  |                     |      |                     |
| Building Construction            |      |      | \$407,000        | \$33,483,940        |      | \$33,890,940        |
| 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>\$33,483,940</b> |      | <b>\$33,890,940</b> |

PREPARER'S PHONE NUMBER 355-1743

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**SOLID WASTE**

| Requested Project           | Rank | Cost to be Funded | Funding        |     | Projected Costs Per Year |      |      |      |      |
|-----------------------------|------|-------------------|----------------|-----|--------------------------|------|------|------|------|
|                             |      |                   | Source         | %   | 2017                     | 2018 | 2019 | 2020 | 2021 |
| MSW Subtitle D Cell Closure | 1    | 150,000           | Solid Waste Fd | 100 | <b>150,000</b>           | -    | -    | -    | -    |
| *County Shop Purchase       | 2    | -                 | TBD            | 100 | <b>TBD</b>               | -    | -    | -    | -    |
| Inert Waste Pit Closure     | 3    | 136,850           | Solid Waste Fd | 100 | <b>136,850</b>           | -    | -    | -    | -    |
| <b>TOTAL</b>                |      | 286,850           |                |     | <b>286,850</b>           | -    | -    | -    | -    |
| NON-CITY FUNDING            |      | -                 |                |     | -                        | -    | -    | -    | -    |
| <b>TOTAL CITY FUNDING</b>   |      | 286,850           |                |     | <b>286,850</b>           | -    | -    | -    | -    |

\* To Be Determined



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Solid Waste Disposal      Project Title: MSW Subtitle D Cell Closure      Priority 1 of 3      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 2016 with partial closure of the west end of the cell in future years. Due to the allowance for increased slopes, additional MSW will be able to be added to the cell before closure is necessary. This will extend the closer into future years based on volume.

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.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| 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:**

| <b>City</b>                      |           |  |  |  |  |           |
|----------------------------------|-----------|--|--|--|--|-----------|
| Enterprise Construction Reserves | \$150,000 |  |  |  |  | \$150,000 |
| 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>\$150,000</b> |  |  |  |  | <b>\$150,000</b> |

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |                                     |                                      |             |             |                 |                |
|--|-------------------------------------|--------------------------------------|-------------|-------------|-----------------|----------------|
| Department: Solid Waste  | Project Title: County Shop Purchase |                                      |             |             | Priority 2 of 3 | 1st Year: 2013 |
| Description: Since 2007 PW has been looking for a site for Salt/Sand storage for winter application, and a fuel site to provide redundancy to fuel our city fleet of unleaded vehicles in case our PW pumps are out of order. We also began researching in 2011 a cold storage site for equipment that is seasonal in usage. We planned on purchasing land for the salt/sand storage and fueling site, or considered building it into the new firestation on Lockport. This became cost prohibitive so the site was abandoned and we began looking for a new location. With the recent development of the county moving from their shop location on 52nd Street N, we have determined that this location would solve all of our long term needs. |                                     |                                      |             |             |                 |                |
| Justification Combine all our needs for salt/sand, fuel redundancy for our unleaded fleet, equipment cold storage, provide additional office space for Solid Waste in one location. This would also create the ability to gate 52nd Street N at the intersection of Divide and 52nd, creating better control and security for the city buildings located on 52nd.  |                                     |                                      |             |             |                 |                |
| Scheduling and Project Status Begin negotiation for property in 2016/2017 with move in once Burleigh County Sheriff moves to new jail.   |                                     |                                      |             |             |                 |                |
| Annual Impact on Income and Operating Costs Reduction of cash reserve.   |                                     |                                      |             |             |                 |                |
| <b>Project Costs:</b>  | <b>2017</b>                         | <b>2018</b>                          | <b>2019</b> | <b>2020</b> | <b>2021</b>     | <b>Total</b>   |
| Planning & Preliminary Design  |                                     |                                      |             |             |                 |                |
| Engineering/Architectural  |                                     |                                      |             |             |                 |                |
| Construction   |                                     |                                      |             |             |                 |                |
| Other (specify)  | TBD                                 |                                      |             |             |                 | TBD            |
| <b>Total</b>   | <b>TBD</b>                          |                                      |             |             |                 | <b>TBD</b>     |
| <b>Project Funding:</b>  |                                     |                                      |             |             |                 |                |
| <b>City</b>  |                                     |                                      |             |             |                 |                |
| Enterprise Construction Reserves   |                                     |                                      |             |             |                 |                |
| Motel/Liquor/Restaurant  |                                     |                                      |             |             |                 |                |
| Building Construction  |                                     |                                      |             |             |                 |                |
| Sales Tax Fund   |                                     |                                      |             |             |                 |                |
| Special Assessment Bonds   |                                     |                                      |             |             |                 |                |
| Other (specify)  | TBD                                 |                                      |             |             |                 | TBD            |
| <b>Non-City</b>  |                                     |                                      |             |             |                 |                |
| Private/Donations  |                                     |                                      |             |             |                 |                |
| Federal Grant  |                                     |                                      |             |             |                 |                |
| State Grant  |                                     |                                      |             |             |                 |                |
| <b>Total</b>   | <b>TBD</b>                          |                                      |             |             |                 | <b>TBD</b>     |
| PREPARER Jeff Heintz   |                                     | PREPARER'S PHONE NUMBER 701-355-1705 |             |             |                 |                |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Solid Waste Disposal      Project Title: Inert Waste Pit Closure      Priority 3 of 3      1st Year: 2013

Description: Closure of inert waste cell.

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

Scheduling and Project Status Engineering work to be done in fall of 2016 with closure of the cell in 2017.

Annual Impact on Income and Operating Costs An annual cost of \$44,716 to the utility starting in 2013. This will be used to build the funds, the closure fund will be fulfilled by 2015.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |                  |             |             |             |             |                  |
| Engineering/Architectural     |                  |             |             |             |             |                  |
| Construction                  | \$136,850        |             |             |             |             | \$136,850        |
| Other (specify)               |                  |             |             |             |             |                  |
| <b>Total</b>                  | <b>\$136,850</b> |             |             |             |             | <b>\$136,850</b> |

| <b>Project Funding:</b>          |           |  |  |  |  |           |
|----------------------------------|-----------|--|--|--|--|-----------|
| <b>City</b>                      |           |  |  |  |  |           |
| Enterprise Construction Reserves | \$136,850 |  |  |  |  | \$136,850 |
| 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>\$136,850</b> |  |  |  |  | <b>\$136,850</b> |

PREPARER : Jeff Heintz

PREPARER'S PHONE NUMBER x-1705

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**STREET LIGHTS & TRAFFIC SIGNALS UTILITY**

| Requested Project  | Rank | Cost to be Funded | Funding               |     | Projected Costs Per Year |         |         |         |         |
|--|------|-------------------|-----------------------|-----|--------------------------|---------|---------|---------|---------|
|  |      |                   | Source                | %   | 2017                     | 2018    | 2019    | 2020    | 2021    |
| Traffic Signal Replacement Program - N 3rd Street and E Ave C                | 1    | 745,750           | StreetLightUtility Fd | 100 | <b>160,000</b>           | 120,750 | 155,000 | 155,000 | 155,000 |
| Whiteway Conductor Replacement   | 2    | 710,751           | StreetLightUtility Fd | 100 | <b>169,177</b>           | 134,166 | 120,588 | 154,820 | 132,000 |
| Whiteway Feed Point Replacement  | 3    | 477,667           | StreetLightUtility Fd | 100 | <b>84,503</b>            | 89,573  | 94,947  | 100,644 | 108,000 |
| Street Light LED Relamping Program - Main Ave from Memorial Br to Washington | 4    | 386,916           | StreetLightUtility Fd | 100 | <b>73,593</b>            | 43,350  | 75,036  | 103,656 | 91,281  |
| Video Camera Replacement Program   | 5    | 250,000           | StreetLightUtility Fd | 100 | <b>50,000</b>            | 50,000  | 50,000  | 50,000  | 50,000  |
| Street Light LED Relamping Program - Grandview Lane                          | 6    | 82,500            | StreetLightUtility Fd | 100 | <b>82,500</b>            | -       | -       | -       | -       |
| <b>TOTAL</b>   |      | <b>2,653,584</b>  |                       |     | <b>619,773</b>           | 437,839 | 495,571 | 564,120 | 536,281 |
| NON-CITY FUNDING   |      | -                 |                       |     | -                        | -       | -       | -       | -       |
| <b>TOTAL CITY FUNDING</b>  |      | <b>2,653,584</b>  |                       |     | <b>619,773</b>           | 437,839 | 495,571 | 564,120 | 536,281 |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St Lights/Traffic Signal | Project Title: Traffic Signal Replacement Program | Priority 1 of 6 | 1st Year: 2012

Description: The 2017 project will replace the traffic signals at the intersection of N 3rd Street and E Ave C. Future projects will be 2018 - N Washington and Boulevard, 2019 - 7th Street and Ave C, 2020 - 9th Street and Ave C, 2021 - 7th Street South and E Front Ave, 2022 - 9th Street South and E Front Ave.

Justification Public Safety and system integrity improvement due to existing rusting, deteriorating poles.

Scheduling and Project Status Install in summer of project year.

Annual Impact on Income and Operating Costs Reduction of cash reserve funds.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>     |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                  |
| Engineering/Architectural     | \$16,000         | \$12,075         | \$15,500         | \$15,500         | \$15,500         | \$74,575         |
| Construction                  | \$144,000        | \$108,675        | \$139,500        | \$139,500        | \$139,500        | \$671,175        |
| Other (specify)               |                  |                  |                  |                  |                  |                  |
| <b>Total</b>                  | <b>\$160,000</b> | <b>\$120,750</b> | <b>\$155,000</b> | <b>\$155,000</b> | <b>\$155,000</b> | <b>\$745,750</b> |

### Project Funding:

| <b>City</b>                         |           |           |           |           |           |           |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Enterprise Construction Reserves    |           |           |           |           |           |           |
| Motel/Liquor/Restaurant             |           |           |           |           |           |           |
| Building Construction               |           |           |           |           |           |           |
| Sales Tax Fund                      |           |           |           |           |           |           |
| Special Assessment Bonds            |           |           |           |           |           |           |
| Other-St Light/Traffic Utility fees | \$160,000 | \$120,750 | \$155,000 | \$155,000 | \$155,000 | \$745,750 |

### Non-City

|                   |                  |                  |                  |                  |                  |                  |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Private/Donations |                  |                  |                  |                  |                  |                  |
| Federal Grant     |                  |                  |                  |                  |                  |                  |
| State Grant       |                  |                  |                  |                  |                  |                  |
| <b>Total</b>      | <b>\$160,000</b> | <b>\$120,750</b> | <b>\$155,000</b> | <b>\$155,000</b> | <b>\$155,000</b> | <b>\$745,750</b> |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St Lights/Traffic Signal | Project Title: Whiteway Conductor Replacement Program | Priority 2 of 6 | 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

| Project Costs:                | 2017             | 2018             | 2019             | 2020             | 2021             | Total            |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                  |
| Engineering/Architectural     | \$16,918         | \$13,417         | \$12,059         | \$15,482         | \$13,200         | \$71,076         |
| Construction                  | \$152,259        | \$120,749        | \$108,529        | \$139,338        | \$118,800        | \$639,675        |
| Other (specify)               |                  |                  |                  |                  |                  |                  |
| <b>Total</b>                  | <b>\$169,177</b> | <b>\$134,166</b> | <b>\$120,588</b> | <b>\$154,820</b> | <b>\$132,000</b> | <b>\$710,751</b> |

### Project Funding:

| City                                |           |           |           |           |           |           |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Enterprise Construction Reserves    |           |           |           |           |           |           |
| Motel/Liquor/Restaurant             |           |           |           |           |           |           |
| Building Construction               |           |           |           |           |           |           |
| Sales Tax Fund                      |           |           |           |           |           |           |
| Special Assessment Bonds            |           |           |           |           |           |           |
| Other-St Light/Traffic Utility fees | \$169,177 | \$134,166 | \$120,588 | \$154,820 | \$132,000 | \$710,751 |

### Non-City

|                   |                  |                  |                  |                  |                  |                  |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Private/Donations |                  |                  |                  |                  |                  |                  |
| Federal Grant     |                  |                  |                  |                  |                  |                  |
| State Grant       |                  |                  |                  |                  |                  |                  |
| <b>Total</b>      | <b>\$169,177</b> | <b>\$134,166</b> | <b>\$120,588</b> | <b>\$154,820</b> | <b>\$132,000</b> | <b>\$710,751</b> |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St Lights/Traffic Signal | Project Title: Whiteway Feed Point Replacement | Priority 3 of 6 | 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

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b>     | <b>2019</b>     | <b>2020</b>      | <b>2021</b>      | <b>Total</b>     |
|-------------------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Planning & Preliminary Design |                 |                 |                 |                  |                  |                  |
| Engineering/Architectural     | \$8,450         | \$8,957         | \$9,494         | \$10,064         | \$10,800         | \$47,765         |
| Construction                  | \$76,053        | \$80,616        | \$85,453        | \$90,580         | \$97,200         | \$429,902        |
| Other (specify)               |                 |                 |                 |                  |                  |                  |
| <b>Total</b>                  | <b>\$84,503</b> | <b>\$89,573</b> | <b>\$94,947</b> | <b>\$100,644</b> | <b>\$108,000</b> | <b>\$477,667</b> |

### Project Funding:

| <b>City</b>                         |          |          |          |           |           |           |
|-------------------------------------|----------|----------|----------|-----------|-----------|-----------|
| Enterprise Construction Reserves    |          |          |          |           |           |           |
| Motel/Liquor/Restaurant             |          |          |          |           |           |           |
| Building Construction               |          |          |          |           |           |           |
| Sales Tax Fund                      |          |          |          |           |           |           |
| Special Assessment Bonds            |          |          |          |           |           |           |
| Other-St Light/Traffic Utility fees | \$84,503 | \$89,573 | \$94,947 | \$100,644 | \$108,000 | \$477,667 |

### Non-City

|                   |                 |                 |                 |                  |                  |                  |
|-------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Private/Donations |                 |                 |                 |                  |                  |                  |
| Federal Grant     |                 |                 |                 |                  |                  |                  |
| State Grant       |                 |                 |                 |                  |                  |                  |
| <b>Total</b>      | <b>\$84,503</b> | <b>\$89,573</b> | <b>\$94,947</b> | <b>\$100,644</b> | <b>\$108,000</b> | <b>\$477,667</b> |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St lights/Traffic Signal | Project Title: Street Light LED Relamping Program | Priority 4 of 6 | 1st Year: 2016

Description: Our major roadways have high wattage street lights that are frequently being replaced. Street light staff will swap out the old light fixtures and install LED heads.

Justification Reduce electrical demand on utility which will reduce electrical costs, and increase longevity of lights on major roadways.

Scheduling and Project Status 2017 - Main Ave from Memorial Bridge to Washington, and from 7th Street to east of 26th Street, 2018 - Airport Road from Main Ave to University Drive, 2019 - One-way pair 7th and 9th Street, from Boulevard to Expressway 2020 - Expressway from Main to I-94

Annual Impact on Income and Operating Costs Expense absorbed in utility fee increase.

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b>     | <b>2019</b>     | <b>2020</b>      | <b>2021</b>     | <b>Total</b>     |
|-------------------------------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|
| Planning & Preliminary Design |                 |                 |                 |                  |                 |                  |
| Engineering/Architectural     |                 |                 |                 |                  |                 |                  |
| Construction                  |                 |                 |                 |                  |                 |                  |
| Other (specify)               | \$73,593        | \$43,350        | \$75,036        | \$103,656        | \$91,281        | \$386,916        |
| <b>Total</b>                  | <b>\$73,593</b> | <b>\$43,350</b> | <b>\$75,036</b> | <b>\$103,656</b> | <b>\$91,281</b> | <b>\$386,916</b> |

### Project Funding:

| <b>City</b>                             |          |          |          |           |          |           |
|---|----------|----------|----------|-----------|----------|-----------|
| Enterprise Construction Reserves        |          |          |          |           |          |           |
| Motel/Liquor/Restaurant                 |          |          |          |           |          |           |
| Building Construction                   |          |          |          |           |          |           |
| Sales Tax Fund                          |          |          |          |           |          |           |
| Special Assessment Bonds                |          |          |          |           |          |           |
| Other-Street Light/Traffic Utility Fees | \$73,593 | \$43,350 | \$75,036 | \$103,656 | \$91,281 | \$386,916 |

### Non-City

|                   |                 |                 |                 |                  |                 |                  |
|-------------------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|
| Private/Donations |                 |                 |                 |                  |                 |                  |
| Federal Grant     |                 |                 |                 |                  |                 |                  |
| State Grant       |                 |                 |                 |                  |                 |                  |
| <b>Total</b>      | <b>\$73,593</b> | <b>\$43,350</b> | <b>\$75,036</b> | <b>\$103,656</b> | <b>\$91,281</b> | <b>\$386,916</b> |



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St lights/Traffic Signal | Project Title: Video Camera Replacement Program | Priority 5 of 6 | 1st Year: 2014

Description:  
This project will provide funding for replacement of intersection video detection cameras.

Justification During the milling process of pavement management, we loose the wire loops that control the signals at an intersection. In some cases it makes sense to put a video detection camera system in to replace the wire loops. Since a signalized intersection is in place, the cost to add cameras is born by the utility, not the special assessment district paying for the pavement rehabilitation. These funds would be used to install video detection cameras at intersections that warrant their installation due to traffic volumes and multiple lanes.

Scheduling and Project Status Early winter, pavement maintenance projects are developed with the engineering department for the coming construction season. Where warranted, these video detection systems will be added to the project, with the utility paying for their installation.

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b>     | <b>2019</b>     | <b>2020</b>     | <b>2021</b>     | <b>Total</b>     |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Planning & Preliminary Design |                 |                 |                 |                 |                 |                  |
| Engineering/Architectural     |                 |                 |                 |                 |                 |                  |
| Construction                  | \$50,000        | \$50,000        | \$50,000        | \$50,000        | \$50,000        | \$250,000        |
| Other (specify)               |                 |                 |                 |                 |                 |                  |
| <b>Total</b>                  | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$250,000</b> |

### Project Funding:

| <b>City</b>                            |          |          |          |          |          |           |
|--|----------|----------|----------|----------|----------|-----------|
| Enterprise Construction Reserves       |          |          |          |          |          |           |
| Motel/Liquor/Restaurant                |          |          |          |          |          |           |
| Building Construction                  |          |          |          |          |          |           |
| Sales Tax Fund                         |          |          |          |          |          |           |
| Special Assessment Bonds               |          |          |          |          |          |           |
| Other-Street Light/Traffic Utility Fee | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$250,000 |

### Non-City

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

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: St lights/Traffic Signal | Project Title: Street Light LED Relamping Program | Priority 6 of 6 | 1st Year: 2016

Description: Upgrade project on Grandview Lane - change from HPS BR to LED BL

Justification Reduce electrical demand on utility which will reduce electrical costs, and increase longevity of lights. There will need to be four additional poles and fixtures added to the existing light pole spacing on Grandview Ln.

Scheduling and Project Status

Annual Impact on Income and Operating Costs Expense absorbed in utility fee increase.

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>    |
|-------------------------------|-----------------|-------------|-------------|-------------|-------------|-----------------|
| Planning & Preliminary Design |                 |             |             |             |             |                 |
| Engineering/Architectural     | \$7,500         |             |             |             |             | \$7,500         |
| Construction                  | \$75,000        |             |             |             |             | \$75,000        |
| Other (specify)               |                 |             |             |             |             |                 |
| <b>Total</b>                  | <b>\$82,500</b> |             |             |             |             | <b>\$82,500</b> |

**Project Funding:**

| <b>City</b>                             |          |  |  |  |  |          |
|---|----------|--|--|--|--|----------|
| Enterprise Construction Reserves        |          |  |  |  |  |          |
| Motel/Liquor/Restaurant                 |          |  |  |  |  |          |
| Building Construction                   |          |  |  |  |  |          |
| Sales Tax Fund                          |          |  |  |  |  |          |
| Special Assessment Bonds                |          |  |  |  |  |          |
| Other-Street Light/Traffic Utility Fees | \$82,500 |  |  |  |  | \$82,500 |

**Non-City**

|                   |                 |  |  |  |  |                 |
|-------------------|-----------------|--|--|--|--|-----------------|
| Private/Donations |                 |  |  |  |  |                 |
| Federal Grant     |                 |  |  |  |  |                 |
| State Grant       |                 |  |  |  |  |                 |
| <b>Total</b>      | <b>\$82,500</b> |  |  |  |  | <b>\$82,500</b> |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
ROADS & STREETS

| Requested Project                             | Rank | Cost to be Funded | Funding | Projected Costs Per Year |      |      |      |      |      |
|---|------|-------------------|---------|--------------------------|------|------|------|------|------|
|   |      |                   | Source  | %                        | 2017 | 2018 | 2019 | 2020 | 2021 |
| **Purchase Land for Future Satellite Location | 1    | - *TBD            |         | 100                      | TBD  | -    | -    | -    | -    |
| TOTAL   |      | -                 |         |                          | TBD  | -    | -    | -    | -    |
| NON-CITY FUNDING                              |      | -                 |         |                          | -    | -    | -    | -    | -    |
| TOTAL CITY FUNDING                            |      | -                 |         |                          | TBD  | -    | -    | -    | -    |

\* To Be Determined

\*\*Requested but not Approved by the Commission

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: Roads and Streets      Project Title: Purchase land for a future satellite location in North Bismarck      Priority 1 of 1      1st Year: 2014

Description: Purchase land for a north location for Roads and Streets salt sand storage building, brine tanks and unleaded fueling capabilities.

PD has also expressed an interest in an north site for fueling and public access for licensing, receiving copies of reports, and other clerical duties. This location could be developed to be multi departmental in use and function.

Justification Due to the growth of Bismarck, a satellite location for refueling, filling of salt sand and brine would reduce the down time driving back to PW on S 26th street. Purchasing the land now would be less expensive than in the future based on recent trends in land pricing. A second fueling location for unleaded gas is needed since we only have one location. Any breakdowns or damage to our fuel island at PW would require an alternate supply source.

Scheduling and Project Status Purchase land in 2017.

Annual Impact on Income and Operating Costs Reduction of Roads and Streets cash reserve.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b> |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Planning & Preliminary Design |             |             |             |             |             |              |
| Engineering/Architectural     |             |             |             |             |             |              |
| Construction                  |             |             |             |             |             |              |
| Other (specify)               | TBD         |             |             |             |             | TBD          |
| <b>Total</b>                  | <b>TBD</b>  |             |             |             |             | <b>TBD</b>   |

| <b>Project Funding:</b>          |            |  |  |  |  |            |
|----------------------------------|------------|--|--|--|--|------------|
| <b>City</b>                      |            |  |  |  |  |            |
| Enterprise Construction Reserves | TBD        |  |  |  |  | TBD        |
| 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>TBD</b> |  |  |  |  | <b>TBD</b> |

PREPARER Jeff Heintz

PREPARER'S PHONE NUMBER 701-355-1705

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
STREETS AND HIGHWAYS

| Requested Project                                 | Rank     | Cost to be Funded  | Funding             |            | Projected Costs Per Year |            |            |            |            |
|---|----------|--------------------|---------------------|------------|--------------------------|------------|------------|------------|------------|
|   |          |                    | Source              | %          | 2017                     | 2018       | 2019       | 2020       | 2021       |
| ADA Curb Ramp Program                             | 1        | 250,000            | Federal Grant       | 100        | <b>50,000</b>            | 50,000     | 50,000     | 50,000     | 50,000     |
| <b>*Special Roads Projects</b>                    | <b>2</b> | <b>750,000</b>     | <b>Sales Tax Fd</b> | <b>100</b> | <b>150,000</b>           | 150,000    | 150,000    | 150,000    | 150,000    |
| Concrete Pavement Repairs & Maintenance           | 3        | 4,070,000          | Sales Tax Fd        | 25         | <b>192,500</b>           | 165,000    | 220,000    | 220,000    | 220,000    |
|   |          |                    | Special Asmt Bd     | 75         | <b>577,500</b>           | 495,000    | 660,000    | 660,000    | 660,000    |
| Hard Surfaced Street Reconstruction Program       | 4        | 5,687,000          | Sales Tax Fd        | 50         | <b>2,843,500</b>         | -          | -          | -          | -          |
|   |          |                    | Special Asmt Bd     | 50         | <b>2,843,500</b>         | -          | -          | -          | -          |
| Street Reconstruction and Subbase Drainage System | 5        | 15,730,000         | Sales Tax Fd        | 70         | <b>1,771,000</b>         | 1,925,000  | 2,233,000  | 3,234,000  | 1,848,000  |
|   |          |                    | Special Asmt Bd     | 30         | <b>759,000</b>           | 825,000    | 957,000    | 1,386,000  | 792,000    |
| Asphalt Street Resurfacing Program                | 6        | 44,880,000         | Sales Tax Fd        | 20         | <b>2,667,500</b>         | 2,585,000  | 2,447,500  | 1,842,500  | 1,677,500  |
|   |          |                    | Special Asmt Bd     | 72         | <b>7,632,500</b>         | 7,575,000  | 6,942,500  | 5,407,500  | 4,602,500  |
|   |          |                    | Spec Deficiency     | 3          | <b>370,000</b>           | 180,000    | 400,000    | 120,000    | 430,000    |
| Rural Roadway Upgrades                            | 7        | 9,533,000          | Sales Tax Fd        | 80         | <b>1,460,000</b>         | 1,460,000  | 1,460,000  | 1,570,000  | 1,660,000  |
|   |          |                    | Special Asmt Bd     | 20         | <b>370,000</b>           | 370,000    | 370,000    | 393,000    | 420,000    |
| Highway Safety Improvement Project                | 8        | 768,000            | Sales Tax Fd        | 17         | <b>64,000</b>            | 64,000     | -          | -          | -          |
|   |          |                    | Federal Grant       | 83         | -                        | 640,000    | -          | -          | -          |
| 43rd Ave North-Montreal St to State St            | 9        | 10,100,000         | Sales Tax Fd        | 100        | <b>900,000</b>           | 400,000    | 8,800,000  | -          | -          |
| S Washington St - Burleigh Ave to the Drain       | 10       | 7,200,000          | Sales Tax Fd        | 100        | -                        | 300,000    | 300,000    | 6,600,000  | -          |
| 43rd Ave North - State St to 26th St              | 11       | 16,400,000         | Sales Tax Fd        | 100        | -                        | 2,000,000  | 600,000    | 600,000    | 13,200,000 |
| Century Ave - Centennial Rd to 66th St            | 12       | 2,200,000          | Sales Tax Fd        | 100        | -                        | -          | -          | 1,850,000  | 350,000    |
| Fiber Optic Communications Network                | 13       | 1,000,000          | Sales Tax Fd        | 100        | <b>200,000</b>           | 200,000    | 200,000    | 200,000    | 200,000    |
| <b>TOTAL</b>                                      |          | <b>118,568,000</b> |                     |            | <b>22,851,000</b>        | 19,384,000 | 25,790,000 | 24,283,000 | 26,260,000 |
| <b>NON-CITY FUNDING</b>                           |          | <b>890,000</b>     |                     |            | <b>50,000</b>            | 690,000    | 50,000     | 50,000     | 50,000     |
| <b>TOTAL CITY FUNDING</b>                         |          | <b>117,678,000</b> |                     |            | <b>22,801,000</b>        | 18,694,000 | 25,740,000 | 24,233,000 | 26,210,000 |

**\*Requested but only \$50,000 was Approved by the Commission**

## City of Bismarck Capital Improvement Project 2017 - 2021

|                         |                          |                  |      |
|-------------------------|--------------------------|------------------|------|
| Department: ENGINEERING | Project Title: ADA RAMPS | Priority 1 of 13 | 1999 |
|-------------------------|--------------------------|------------------|------|

Description:

Justification Fund the installation of ADA ramps 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

| Project Costs:                | 2017            | 2018            | 2019            | 2020            | 2021            | Total            |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Planning & Preliminary Design |                 |                 |                 |                 |                 |                  |
| Engineering/Architectural     |                 |                 |                 |                 |                 |                  |
| Construction                  | \$50,000        | \$50,000        | \$50,000        | \$50,000        | \$50,000        | \$250,000        |
| Other (specify)               |                 |                 |                 |                 |                 |                  |
| <b>Total</b>                  | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$250,000</b> |

| Project Funding:                 | 2017            | 2018            | 2019            | 2020            | 2021            | Total            |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| <b>City</b>                      |                 |                 |                 |                 |                 |                  |
| Enterprise Construction Reserves |                 |                 |                 |                 |                 |                  |
| Motel/Liquor/Restaurant          |                 |                 |                 |                 |                 |                  |
| Building Construction            |                 |                 |                 |                 |                 |                  |
| Sales Tax Fund                   |                 |                 |                 |                 |                 |                  |
| Special Assessment Bonds         |                 |                 |                 |                 |                 |                  |
| Other (specify)                  |                 |                 |                 |                 |                 |                  |
| <b>Non-City</b>                  |                 |                 |                 |                 |                 |                  |
| 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>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$250,000</b> |

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

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: CITY COMMISSION SPECIAL ROADS PROJECTS      Priority 2 of 13      2005

Description:

Justification 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

| Project Costs:                   | 2017             | 2018                             | 2019             | 2020             | 2021             | Total            |  |
|----------------------------------|------------------|----------------------------------|------------------|------------------|------------------|------------------|--|
| 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> |  |
| <b>Project Funding:</b>          |                  |                                  |                  |                  |                  |                  |  |
| <b>City</b>                      |                  |                                  |                  |                  |                  |                  |  |
| 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)                  |                  |                                  |                  |                  |                  |                  |  |
| <b>Non-City</b>                  |                  |                                  |                  |                  |                  |                  |  |
| 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> |  |
| PREPARER MARK A. BERG            |                  | PREPARER'S PHONE NUMBER 355-1529 |                  |                  |                  |                  |  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: CONCRETE PAVEMENT REPAIRS AND MAINTENANCE      Priority 3 of 13      2010

Description:

Justification      There are a number of concrete roadways within City limits. Over time, these roadways require in-depth maintenance including widespread joint sealing, panel replacement, sections of reconstruction, and correction of drainage issues. These concrete roadways have been identified as part of the City's pavement management program. The cost of repairing and maintenance of this roadways would typically be assessed to the adjacent property owner. The majority of roadways constructed using concrete are arterial roadways. This work would be at a magnitude that exceeds Public Work's ability to address the maintenance. Current special assessment policy provides a 25% sales tax subsidy for this project type.

Scheduling and Project Status      This type of project would be done over a period of years. The project would coordinate with other infrastructure projects.

Annual Impact on Income and Operating Costs      Prolong the life of the pavement.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                    |
| Engineering/Architectural     | \$70,000         | \$60,000         | \$80,000         | \$80,000         | \$80,000         | \$370,000          |
| Construction                  | \$700,000        | \$600,000        | \$800,000        | \$800,000        | \$800,000        | \$3,700,000        |
| Other (specify)               |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                  | <b>\$770,000</b> | <b>\$660,000</b> | <b>\$880,000</b> | <b>\$880,000</b> | <b>\$880,000</b> | <b>\$4,070,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>City</b>                      |                  |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves |                  |                  |                  |                  |                  |                    |
| Motel/Liquor/Restaurant          |                  |                  |                  |                  |                  |                    |
| Building Construction            |                  |                  |                  |                  |                  |                    |
| Sales Tax Fund                   | \$192,500        | \$165,000        | \$220,000        | \$220,000        | \$220,000        | \$1,017,500        |
| Special Assessment Bonds         | \$577,500        | \$495,000        | \$660,000        | \$660,000        | \$660,000        | \$3,052,500        |
| Other (specify) Area Wide        |                  |                  |                  |                  |                  |                    |
| <b>Non-City</b>                  |                  |                  |                  |                  |                  |                    |
| Private/Donations                |                  |                  |                  |                  |                  |                    |
| Federal Grant                    |                  |                  |                  |                  |                  |                    |
| State Grant                      |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                     | <b>\$770,000</b> | <b>\$660,000</b> | <b>\$880,000</b> | <b>\$880,000</b> | <b>\$880,000</b> | <b>\$4,070,000</b> |

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



## City of Bismarck Capital Improvement Project 2017 - 2021

|                         |  |                  |      |
|-------------------------|--|------------------|------|
| Department: ENGINEERING | Project Title: HARD SURFACED STREET RECONSTRUCTION PROGRAM | Priority 4 of 13 | 2010 |
|-------------------------|--|------------------|------|

Description:

**Justification** Hard surfaced streets are replaced (if not protested out). Public Works currently maintains these streets by continuously filling potholes. Current special assessment policy provides a 50% sales tax subsidy for this project type.

**Scheduling and Project Status** The project has been done over a period of years. The project will continue to coordinate with water and sewer replacement projects. This is the final year of the program. At the completion of 2017, all hard surface streets (not protested out) have been addressed.

**Annual Impact on Income and Operating Costs** Reduced maintenance costs in Roads and Streets.

| <b>Project Costs:</b>         | 2017               | 2018 | 2019 | 2020 | 2021 | Total              |
|-------------------------------|--------------------|------|------|------|------|--------------------|
| Planning & Preliminary Design |                    |      |      |      |      |                    |
| Engineering/Architectural     | \$517,000          |      |      |      |      | \$517,000          |
| Construction                  | \$5,170,000        |      |      |      |      | \$5,170,000        |
| Other (specify)               |                    |      |      |      |      |                    |
| <b>Total</b>                  | <b>\$5,687,000</b> |      |      |      |      | <b>\$5,687,000</b> |

| <b>Project Funding:</b>            | 2017               | 2018 | 2019 | 2020 | 2021 | Total              |
|------------------------------------|--------------------|------|------|------|------|--------------------|
| <b>City</b>                        |                    |      |      |      |      |                    |
| Enterprise Construction Reserves   |                    |      |      |      |      |                    |
| Motel/Liquor/Restaurant            |                    |      |      |      |      |                    |
| Building Construction              |                    |      |      |      |      |                    |
| Sales Tax Fund                     | \$2,843,500        |      |      |      |      | \$2,843,500        |
| Special Assessment Bonds           | \$2,843,500        |      |      |      |      | \$2,843,500        |
| Other (specify) Special Deficiency |                    |      |      |      |      |                    |
| <b>Non-City</b>                    |                    |      |      |      |      |                    |
| Private/Donations                  |                    |      |      |      |      |                    |
| Federal Grant                      |                    |      |      |      |      |                    |
| State Grant                        |                    |      |      |      |      |                    |
| <b>Total</b>                       | <b>\$5,687,000</b> |      |      |      |      | <b>\$5,687,000</b> |

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

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: STREET RECONSTRUCTION AND SUBBASE DRAINAGE SYSTEM      Priority 5 of 13      2010

Description:

Justification

Roughly 1-2% of asphalt roadways are experiencing premature failure resulting from water saturated bases primarily attributed to high groundwater. The cost of installing a subbase drainage system would typically be assessed to the adjacent property owner. This type of project in the past has been protested out by adjacent property owners because of the high assessment costs. Without a subbase drainage system, street pavement failures require Public Works to continuously patch failed areas and at times closing streets. Current special assessment policy provides a 70% sales tax subsidy for this project type.

Scheduling and Project Status

The project would be done over a period of years. The project would coordinate with street resurfacing projects.

Annual Impact on Income and Operating Costs

Reduced maintenance costs in Roads and Streets.

| <b>Project Costs:</b>         | <b>2017</b>        | <b>2018</b>        | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>        |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Planning & Preliminary Design |                    |                    |                    |                    |                    |                     |
| Engineering/Architectural     | \$230,000          | \$250,000          | \$290,000          | \$420,000          | \$240,000          | \$1,430,000         |
| Construction                  | \$2,300,000        | \$2,500,000        | \$2,900,000        | \$4,200,000        | \$2,400,000        | \$14,300,000        |
| Other (specify)               |                    |                    |                    |                    |                    |                     |
| <b>Total</b>                  | <b>\$2,530,000</b> | <b>\$2,750,000</b> | <b>\$3,190,000</b> | <b>\$4,620,000</b> | <b>\$2,640,000</b> | <b>\$15,730,000</b> |

**Project Funding:  
City**

|                                  |             |             |             |             |             |              |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Enterprise Construction Reserves |             |             |             |             |             |              |
| Motel/Liquor/Restaurant          |             |             |             |             |             |              |
| Building Construction            |             |             |             |             |             |              |
| Sales Tax Fund                   | \$1,771,000 | \$1,925,000 | \$2,233,000 | \$3,234,000 | \$1,848,000 | \$11,011,000 |
| Special Assessment Bonds         | \$759,000   | \$825,000   | \$957,000   | \$1,386,000 | \$792,000   | \$4,719,000  |
| Other (specify)                  |             |             |             |             |             |              |

**Non-City**

|                   |                    |                    |                    |                    |                    |                     |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Private/Donations |                    |                    |                    |                    |                    |                     |
| Federal Grant     |                    |                    |                    |                    |                    |                     |
| State Grant       |                    |                    |                    |                    |                    |                     |
| <b>Total</b>      | <b>\$2,530,000</b> | <b>\$2,750,000</b> | <b>\$3,190,000</b> | <b>\$4,620,000</b> | <b>\$2,640,000</b> | <b>\$15,730,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: ASPHALT STREET RESURFACING PROGRAM      Priority 6 of 13      2010

Description:

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

Justification      Asphalt streets are resurfaced every 7-10 years for arterial roadways and 12-17 years for residential roadways in order to extend their service life. This project will consist of mill and overlays to a greater degree that routine maintenance can provide. Current special assessment policy provides a 25% sales tax subsidy for this project type.

Scheduling and Project Status      The project would be done over a period of years. The project would coordinate with street reconstruction projects.

Annual Impact on Income and Operating Costs      Reduced maintenance costs in Roads and Streets.

| <b>Project Costs:</b>         | <b>2017</b>         | <b>2018</b>         | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>        |
|-------------------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
| Planning & Preliminary Design |                     |                     |                    |                    |                    |                     |
| Engineering/Architectural     | \$970,000           | \$940,000           | 890,000            | 670,000            | \$610,000          | <b>\$4,080,000</b>  |
| Construction                  | \$9,700,000         | \$9,400,000         | \$8,900,000        | \$6,700,000        | \$6,100,000        | <b>\$40,800,000</b> |
| Other (special deficiency)    |                     |                     |                    |                    |                    |                     |
| <b>Total</b>                  | <b>\$10,670,000</b> | <b>\$10,340,000</b> | <b>\$9,790,000</b> | <b>\$7,370,000</b> | <b>\$6,710,000</b> | <b>\$44,880,000</b> |

**Project Funding:  
City**

|                                    |             |             |             |             |             |                     |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|---------------------|
| Enterprise Construction Reserves   |             |             |             |             |             |                     |
| Motel/Liquor/Restaurant            |             |             |             |             |             |                     |
| Building Construction              |             |             |             |             |             |                     |
| Sales Tax Fund                     | \$2,667,500 | \$2,585,000 | \$2,447,500 | \$1,842,500 | \$1,677,500 | <b>\$11,220,000</b> |
| Special Assessment Bonds           | \$7,632,500 | \$7,575,000 | \$6,942,500 | \$5,407,500 | \$4,602,500 | <b>\$32,160,000</b> |
| Other (specify) Special Deficiency | \$370,000   | \$180,000   | \$400,000   | \$120,000   | \$430,000   | <b>\$1,500,000</b>  |

**Non-City**

|                   |                     |                     |                    |                    |                    |                     |
|-------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
| Private/Donations |                     |                     |                    |                    |                    |                     |
| Federal Grant     |                     |                     |                    |                    |                    |                     |
| State Grant       |                     |                     |                    |                    |                    |                     |
| <b>Total</b>      | <b>\$10,670,000</b> | <b>\$10,340,000</b> | <b>\$9,790,000</b> | <b>\$7,370,000</b> | <b>\$6,710,000</b> | <b>\$44,880,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: RURAL ROADWAY UPGRADES      Priority 7 of 13      2010

Description:

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

Justification      There are a number of rural roadways within City limits. These rural roadways are now surrounded by the City but never have ben upgraded to an urban section. The cost of upgrading these roadways would typically be accessed to the adjacent property owner. This type of project in the past has been protested out because of the high assessment costs. Without upgrading the roadways to an urban section, Public Works has to implement special modes of operation to maintain these roadways. This would provide partial funding to reconstruct these roadways and install subbase drainage systems (if necessary).

Scheduling and Project Status      The project would be done over a period of years. The project would coordinate with other infrastructure projects.

Annual Impact on Income and Operating Costs      Reduced maintenance costs in Roads and Streets.

| <b>Project Costs:</b>         | <b>2017</b>        | <b>2018</b>        | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>       |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Planning & Preliminary Design |                    |                    |                    |                    |                    |                    |
| Engineering/Architectural     | \$150,000          | \$150,000          | \$150,000          | \$175,000          | \$200,000          | <b>\$825,000</b>   |
| Construction                  | \$1,680,000        | \$1,680,000        | \$1,680,000        | \$1,788,000        | \$1,880,000        | <b>\$8,708,000</b> |
| Other (specify)               |                    |                    |                    |                    |                    |                    |
| <b>Total</b>                  | <b>\$1,830,000</b> | <b>\$1,830,000</b> | <b>\$1,830,000</b> | <b>\$1,963,000</b> | <b>\$2,080,000</b> | <b>\$9,533,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>        | <b>2018</b>        | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>       |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>City</b>                      |                    |                    |                    |                    |                    |                    |
| Enterprise Construction Reserves |                    |                    |                    |                    |                    |                    |
| Motel/Liquor/Restaurant          |                    |                    |                    |                    |                    |                    |
| Building Construction            |                    |                    |                    |                    |                    |                    |
| Sales Tax Fund                   | \$1,460,000        | \$1,460,000        | \$1,460,000        | \$1,570,000        | \$1,660,000        | <b>\$7,610,000</b> |
| Special Assessment Bonds         | \$370,000          | \$370,000          | \$370,000          | \$393,000          | \$420,000          | <b>\$1,923,000</b> |
| Other (specify)                  |                    |                    |                    |                    |                    |                    |
| <b>Non-City</b>                  |                    |                    |                    |                    |                    |                    |
| Private/Donations                |                    |                    |                    |                    |                    |                    |
| Federal Grant                    |                    |                    |                    |                    |                    |                    |
| State Grant                      |                    |                    |                    |                    |                    |                    |
| <b>Total</b>                     | <b>\$1,830,000</b> | <b>\$1,830,000</b> | <b>\$1,830,000</b> | <b>\$1,963,000</b> | <b>\$2,080,000</b> | <b>\$9,533,000</b> |

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

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |   |  |             |             |             |                  |
|--|---|--|-------------|-------------|-------------|------------------|
| Department: ENGINEERING  | Project Title: HSIP- HIGHWAY SAFETY IMPROVEMENT PROJECT | Priority 8 of 13   | 2016        |             |             |                  |
| Description: Traffic signal upgrades at various locations around the City to include pedestrian countdown signals and confirmation lights. |   |  |             |             |             |                  |
| Justification HSIP- Highway Safety Improvement Program funding source to improve safety related infrastructure.                            |   |  |             |             |             |                  |
| Scheduling and Project Status Design and Bid in 2017, Construct in 2018  |   |  |             |             |             |                  |
| Annual Impact on Income and Operating Costs  |   | Onetime Project. No additional annual impact. Would reduce need to maintain outdated pedestrian signals as most will be replaced |             |             |             |                  |
| <b>Project Costs:</b>  | <b>2017</b>   | <b>2018</b>  | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design  |   |  |             |             |             |                  |
| Engineering/Architectural  | \$64,000  | \$64,000   |             |             |             | \$128,000        |
| Construction   |   | \$640,000  |             |             |             | \$640,000        |
| Other (specify) Right of way   |   |  |             |             |             |                  |
| <b>Total</b>   | <b>\$64,000</b>   | <b>\$704,000</b>   |             |             |             | <b>\$768,000</b> |
| <b>Project Funding:</b>  |   |  |             |             |             |                  |
| <b>City</b>  |   |  |             |             |             |                  |
| Enterprise Construction Reserves   |   |  |             |             |             |                  |
| Motel/Liquor/Restaurant Building Construction  |   |  |             |             |             |                  |
| Sales Tax Fund   | \$64,000  | \$64,000   |             |             |             | \$128,000        |
| Special Assessment Bonds   |   |  |             |             |             |                  |
| Other (specify)  |   |  |             |             |             |                  |
| <b>Non-City</b>  |   |  |             |             |             |                  |
| Private/Donations  |   |  |             |             |             |                  |
| Federal Grant  |   | \$640,000  |             |             |             | \$640,000        |
| State Grant  |   |  |             |             |             |                  |
| <b>Total</b>   | <b>\$64,000</b>   | <b>\$704,000</b>   |             |             |             | <b>\$768,000</b> |
| PREPARER MARK A. BERG  |   | PREPARER'S PHONE NUMBER 355-1529   |             |             |             |                  |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: 43RD AVENUE NORTH - MONTREAL STREET TO STATE STREET      Priority 9 of 13      2012

Description: Reconstruction of the existing rural two-lane roadway with ditches to an urban curb and gutter section including lighting and pedestrian facilities.

**\*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 LRTP (Long Range Transportation Plan) to improve capacity along the corridor

Scheduling and Project Status Right of Way acquisition and preliminary design in 2017, design and bid in 2018, construct in 2019.

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>        | <b>2020</b> | <b>2021</b> | <b>Total</b>        |
|-------------------------------|------------------|------------------|--------------------|-------------|-------------|---------------------|
| Planning & Preliminary Design | \$400,000        |                  |                    |             |             | \$400,000           |
| Engineering/Architectural     |                  | \$400,000        | \$800,000          |             |             | \$1,200,000         |
| Construction                  |                  |                  | \$8,000,000        |             |             | \$8,000,000         |
| Other (specify) Right of way  | \$500,000        |                  |                    |             |             | \$500,000           |
| <b>Total</b>                  | <b>\$900,000</b> | <b>\$400,000</b> | <b>\$8,800,000</b> |             |             | <b>\$10,100,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>      | <b>2018</b>      | <b>2019</b>        | <b>2020</b> | <b>2021</b> | <b>Total</b>        |
|----------------------------------|------------------|------------------|--------------------|-------------|-------------|---------------------|
| <b>City</b>                      |                  |                  |                    |             |             |                     |
| Enterprise Construction Reserves |                  |                  |                    |             |             |                     |
| Motel/Liquor/Restaurant          |                  |                  |                    |             |             |                     |
| Building Construction            |                  |                  |                    |             |             |                     |
| Sales Tax Fund                   | \$900,000        | \$400,000        | \$8,800,000        |             |             | \$10,100,000        |
| Special Assessment Bonds *       |                  |                  |                    |             |             |                     |
| Other (specify)                  |                  |                  |                    |             |             |                     |
| <b>Non-City</b>                  |                  |                  |                    |             |             |                     |
| Private/Donations                |                  |                  |                    |             |             |                     |
| Federal Grant                    |                  |                  |                    |             |             |                     |
| State Grant                      |                  |                  |                    |             |             |                     |
| <b>Total</b>                     | <b>\$900,000</b> | <b>\$400,000</b> | <b>\$8,800,000</b> |             |             | <b>\$10,100,000</b> |

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

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: SOUTH WASHINGTON ST-BURLEIGH AVE TO THE DRAINAGE DITCH      Priority 10 of 13      2012

Description: Reconstruction of the existing rural two-lane roadway with ditches to an urban curb and gutter section including lighting and pedestrian facilities.

**\*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 LRTP (Long Range Transportation Plan) to improve capacity along the corridor

Scheduling and Project Status Preliminary design in 2018, design and bid in 2019, construct in 2020.

Annual Impact on Income and Operating Costs

| Project Costs:                   | 2017 | 2018             | 2019             | 2020               | 2021 | Total              |
|----------------------------------|------|------------------|------------------|--------------------|------|--------------------|
| Planning & Preliminary Design    |      |                  |                  |                    |      |                    |
| Engineering/Architectural        |      | \$300,000        | \$300,000        | \$600,000          |      | \$1,200,000        |
| Construction                     |      |                  |                  | \$6,000,000        |      | \$6,000,000        |
| Other (specify)Right of way      |      |                  |                  |                    |      |                    |
| <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        | \$6,600,000        |      | \$7,200,000        |
| 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> | <b>\$6,600,000</b> |      | <b>\$7,200,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: 43RD AVENUE NORTH - STATE STREET TO 26TH STREET      Priority 11 of 13      2012

Description: Reconstruction of the existing rural two-lane roadway with ditches to an urban curb and gutter section. This will include a box culvert for Hay Creek, a gated at-grade railroad crossing of CP Rail (DMVW Operated), lighting and pedestrian facilities.

**\*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 LRTP (Long Range Transportation Plan) to improve capacity along the corridor

Scheduling and Project Status Right of Way acquisition in 2018, preliminary design in 2019, design and bid in 2020, construct in 2021.

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017 | 2018               | 2019             | 2020             | 2021                | Total               |
|-------------------------------|------|--------------------|------------------|------------------|---------------------|---------------------|
| Planning & Preliminary Design |      |                    | \$600,000        |                  |                     | \$600,000           |
| Engineering/Architectural     |      |                    |                  | \$600,000        | \$1,200,000         | \$1,800,000         |
| Construction                  |      |                    |                  |                  | \$12,000,000        | \$12,000,000        |
| Other (specify)Right of way   |      | \$2,000,000        |                  |                  |                     | \$2,000,000         |
| <b>Total</b>                  |      | <b>\$2,000,000</b> | <b>\$600,000</b> | <b>\$600,000</b> | <b>\$13,200,000</b> | <b>\$16,400,000</b> |

| Project Funding:                 | 2017 | 2018               | 2019             | 2020             | 2021                | Total               |
|----------------------------------|------|--------------------|------------------|------------------|---------------------|---------------------|
| <b>City</b>                      |      |                    |                  |                  |                     |                     |
| Enterprise Construction Reserves |      |                    |                  |                  |                     |                     |
| Motel/Liquor/Restaurant          |      |                    |                  |                  |                     |                     |
| Building Construction            |      |                    |                  |                  |                     |                     |
| Sales Tax Fund                   |      | \$2,000,000        | \$600,000        | \$600,000        | \$13,200,000        | \$16,400,000        |
| Special Assessment Bonds *       |      |                    |                  |                  |                     |                     |
| Other (specify)                  |      |                    |                  |                  |                     |                     |
| <b>Non-City</b>                  |      |                    |                  |                  |                     |                     |
| Private/Donations                |      |                    |                  |                  |                     |                     |
| Federal Grant                    |      |                    |                  |                  |                     |                     |
| State Grant                      |      |                    |                  |                  |                     |                     |
| <b>Total</b>                     |      | <b>\$2,000,000</b> | <b>\$600,000</b> | <b>\$600,000</b> | <b>\$13,200,000</b> | <b>\$16,400,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: CENTURY AVE - CENTENNIAL RD TO 66TH ST      Priority 12 of 13      2015

Description: Reconstruction of the existing rural two-lane roadway with ditches to an urban curb and gutter section including lighting and pedestrian facilities.

**\*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 LRTP (Long Range Transportation Plan) to improve capacity along the corridor and provide parallel route to 66th Street.

Scheduling and Project Status Right of Way acquisition and preliminary design in 2020, design and bid in 2021, construct in 2022.

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017 | 2018 | 2019 | 2020               | 2021             | Total              |
|-------------------------------|------|------|------|--------------------|------------------|--------------------|
| Planning & Preliminary Design |      |      |      | \$350,000          |                  | \$350,000          |
| Engineering/Architectural     |      |      |      |                    | \$350,000        | \$350,000          |
| Construction                  |      |      |      |                    |                  |                    |
| Other (specify)Right of way   |      |      |      | \$1,500,000        |                  | \$1,500,000        |
| <b>Total</b>                  |      |      |      | <b>\$1,850,000</b> | <b>\$350,000</b> | <b>\$2,200,000</b> |

**Project Funding:  
City**

|                                  |  |  |  |             |           |             |
|----------------------------------|--|--|--|-------------|-----------|-------------|
| Enterprise Construction Reserves |  |  |  |             |           |             |
| Motel/Liquor/Restaurant          |  |  |  |             |           |             |
| Building Construction            |  |  |  |             |           |             |
| Sales Tax Fund                   |  |  |  | \$1,850,000 | \$350,000 | \$2,200,000 |
| Special Assessment Bonds *       |  |  |  |             |           |             |
| Other (specify)                  |  |  |  |             |           |             |

**Non-City**

|                   |  |  |  |                    |                  |                    |
|-------------------|--|--|--|--------------------|------------------|--------------------|
| Private/Donations |  |  |  |                    |                  |                    |
| Federal Grant     |  |  |  |                    |                  |                    |
| State Grant       |  |  |  |                    |                  |                    |
| <b>Total</b>      |  |  |  | <b>\$1,850,000</b> | <b>\$350,000</b> | <b>\$2,200,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: ENGINEERING      Project Title: FIBER OPTIC COMMUNICATIONS NETWORK      Priority 13 of 13      2016

Description: This project will create a fiber optic network throughout the City which will provide communication to the traffic signals. There is also an opportunity for other City departments to utilize this network for data transfer and communications.

Justification: This project would eliminate monthly reoccurring cost of renting telephone lines from Century Link to communicate with coordinated traffic signals. Project will provide connectivity to remove devices that would decrease issue assessment time and increase options available for intelligent transportation systems.

Scheduling and Project Status      5- YEAR PLAN

Annual Impact on Income and Operating Costs      Remove monthly reoccurring costs for renting telephone lines.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                    |
| Engineering/Architectural     |                  |                  |                  |                  |                  |                    |
| Construction                  | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$1,000,000        |
| Other (specify)               |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                  | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$1,000,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>City</b>                      |                  |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves |                  |                  |                  |                  |                  |                    |
| Motel/Liquor/Restaurant          |                  |                  |                  |                  |                  |                    |
| Building Construction            |                  |                  |                  |                  |                  |                    |
| Sales Tax Fund                   | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$1,000,000        |
| 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> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$1,000,000</b> |

PREPARER MARK A. BERG

PREPARER'S PHONE NUMBER 355-1529

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**UTILITY OPERATIONS - SANITARY SEWER**

| Requested Project              | Rank | Cost to be Funded | Funding       |     | Projected Costs Per Year |           |           |           |           |
|--------------------------------|------|-------------------|---------------|-----|--------------------------|-----------|-----------|-----------|-----------|
|                                |      |                   | Source        | %   | 2017                     | 2018      | 2019      | 2020      | 2021      |
| Lift Station Repair Work       | 1    | 6,440,000         | Sewer Utility | 100 | <b>3,920,000</b>         | 870,000   | 1,650,000 | -         | -         |
| Rehabilitation of Sewer Lines  | 2    | 3,115,000         | Sewer Utility | 100 | <b>200,000</b>           | 935,000   | 660,000   | 660,000   | 660,000   |
| SCADA System Upgrade           | 3    | 1,400,000         | Sewer Utility | 100 | -                        | 200,000   | 200,000   | 500,000   | 500,000   |
| Development of New Sewer Lines | 4    | 1,500,000         | Sewer Utility | 100 | -                        | 450,000   | 350,000   | 350,000   | 350,000   |
| <b>TOTAL</b>                   |      | 12,455,000        |               |     | <b>4,120,000</b>         | 2,455,000 | 2,860,000 | 1,510,000 | 1,510,000 |
| NON-CITY FUNDING               |      | -                 |               |     | -                        | -         | -         | -         | -         |
| <b>TOTAL CITY FUNDING</b>      |      | 12,455,000        |               |     | <b>4,120,000</b>         | 2,455,000 | 2,860,000 | 1,510,000 | 1,510,000 |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Lift Station Repair Work      Priority 1 of 4 1st Year:

Description: P  
  
 2017- Hay Creek Lift Station (construction better defined after capacity evaluation in 2016) (2017: \$150,000 Eng)  
**Wachter Lift Station (2017:\$170,000 Eng, \$3.6M const; 2018: \$20,000 Eng)**

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017               | 2018             | 2019               | 2020 | 2021 | Total              |
|-------------------------------|--------------------|------------------|--------------------|------|------|--------------------|
| Planning & Preliminary Design |                    |                  |                    |      |      |                    |
| Engineering/Architectural     | \$320,000          | \$370,000        | \$150,000          |      |      | \$840,000          |
| Construction                  | \$3,600,000        | \$500,000        | \$1,500,000        |      |      | \$5,600,000        |
| Other (specify)               |                    |                  |                    |      |      |                    |
| <b>Total</b>                  | <b>\$3,920,000</b> | <b>\$870,000</b> | <b>\$1,650,000</b> |      |      | <b>\$6,440,000</b> |

| Project Funding:                 | 2017               | 2018             | 2019               | 2020 | 2021 | Total              |
|----------------------------------|--------------------|------------------|--------------------|------|------|--------------------|
| <b>City</b>                      |                    |                  |                    |      |      |                    |
| Enterprise Construction Reserves | \$3,920,000        | \$870,000        | \$1,650,000        |      |      | \$6,440,000        |
| 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>\$3,920,000</b> | <b>\$870,000</b> | <b>\$1,650,000</b> |      |      | <b>\$6,440,000</b> |

PREPARER : Michelle Klose      PREPARER'S PHONE NUMBER : 355-1704

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations | Project Title: Sanitary Sewer - Rehabs | Priority 2 of 4 | 1st Year: 2014

Description: P

Reoccurring rehabilitation of sewer lines. Priority areas will be identified each year.

**2017-** work will concentration in area of hard surface road work completed in 2016, reline problem areas in backyard sewer easements.

Includes repair work on the sewerlines completed at the time of the waterline replacement projects as prep work for the following years relining project if needed.

**2018-** Casey's Addition relining

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>            | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design    |                  |                  |                  |                  |                  |                    |
| Engineering/Architectural        | \$100,000        | \$85,000         | \$60,000         | \$60,000         | \$60,000         | <b>\$365,000</b>   |
| Construction                     | \$100,000        | \$850,000        | \$600,000        | \$600,000        | \$600,000        | <b>\$2,750,000</b> |
| Other (specify)                  |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                     | <b>\$200,000</b> | <b>\$935,000</b> | <b>\$660,000</b> | <b>\$660,000</b> | <b>\$660,000</b> | <b>\$3,115,000</b> |
| <b>Project Funding:</b>          |                  |                  |                  |                  |                  |                    |
| <b>City</b>                      |                  |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves | \$200,000        | \$935,000        | \$660,000        | \$660,000        | \$660,000        | <b>\$3,115,000</b> |
| 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>\$935,000</b> | <b>\$660,000</b> | <b>\$660,000</b> | <b>\$660,000</b> | <b>\$3,115,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations | Project Title: Sanitary Sewer - SCADA | Priority 3 of 4 | 1st Year: 2005

Description: P  
Update sanitary sewer SCADA system which is functionally obsolete. Work to be done in conjunction with upgrade of water distribution SCADA system.

Justification

Scheduling and Project Status  
System evaluation in 2016 will develop scope for 2017 and 2018 projects

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017 | 2018             | 2019             | 2020             | 2021             | Total              |
|-------------------------------|------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design |      |                  |                  |                  |                  |                    |
| Engineering/Architectural     |      |                  |                  |                  |                  |                    |
| Construction                  |      | \$200,000        | \$200,000        | \$500,000        | \$500,000        | \$1,400,000        |
| Other (specify)               |      |                  |                  |                  |                  |                    |
| <b>Total</b>                  |      | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$1,400,000</b> |

| Project Funding:                 | 2017 | 2018             | 2019             | 2020             | 2021             | Total              |
|----------------------------------|------|------------------|------------------|------------------|------------------|--------------------|
| <b>City</b>                      |      |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves |      | \$200,000        | \$200,000        | \$500,000        | \$500,000        | \$1,400,000        |
| 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>\$200,000</b> | <b>\$200,000</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$1,400,000</b> |

PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |                                    |                                    |                  |                  |                  |                    |
|--|------------------------------------|------------------------------------|------------------|------------------|------------------|--------------------|
| Department: PW- Utility Operations   | Project Title: Sewer - Development |                                    |                  |                  | Priority 4 of 4  | 1st Year: 2017     |
| Description: P<br>Construction of new sewer lines to address development.<br>Engineering costs of up to \$200,000 to address new areas.<br>Mica to Saints Drive -2017 (\$126,500, Const:\$115,000, Eng:\$11,500) -This will be special assessed and included as a SA transfer<br><br>Tyler Coulee - work defined within the 2016 report (\$150,000 planned in 2017, and \$350-450,000 remaining years) - will be special assessed and included as a SA transfer<br>7200' of 12" sewer line for Silver Ranch Addition -2017 (\$929,500, Const:\$845,000, Eng:\$84,500) - This will be special assessed and included as a SA transfer<br>Justification |                                    |                                    |                  |                  |                  |                    |
| Scheduling and Project Status  |                                    |                                    |                  |                  |                  |                    |
| Annual Impact on Income and Operating Costs  |                                    |                                    |                  |                  |                  |                    |
| <b>Project Costs:</b>  | <b>2017</b>                        | <b>2018</b>                        | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
| Planning & Preliminary Design  |                                    |                                    |                  |                  |                  |                    |
| Engineering/Architectural  |                                    |                                    |                  |                  |                  |                    |
| Construction   |                                    | \$450,000                          | \$350,000        | \$350,000        | \$350,000        | \$1,500,000        |
| Other (specify)  |                                    |                                    |                  |                  |                  |                    |
| <b>Total</b>   |                                    | <b>\$450,000</b>                   | <b>\$350,000</b> | <b>\$350,000</b> | <b>\$350,000</b> | <b>\$1,500,000</b> |
| <b>Project Funding:</b>  |                                    |                                    |                  |                  |                  |                    |
| <b>City</b>  |                                    |                                    |                  |                  |                  |                    |
| Enterprise Construction Reserves   |                                    | \$450,000                          | \$350,000        | \$350,000        | \$350,000        | \$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>   |                                    | <b>\$450,000</b>                   | <b>\$350,000</b> | <b>\$350,000</b> | <b>\$350,000</b> | <b>\$1,500,000</b> |
| PREPARER : Michelle Klose  |                                    | PREPARER'S PHONE NUMBER : 355-1704 |                  |                  |                  |                    |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**UTILITY OPERATIONS - WATER ADMINISTRATION**

| Requested Project   | Rank | Cost to be Funded | Funding       |     | Projected Costs Per Year |      |           |         |      |
|---------------------|------|-------------------|---------------|-----|--------------------------|------|-----------|---------|------|
|                     |      |                   | Source        | %   | 2017                     | 2018 | 2019      | 2020    | 2021 |
| Roofing Replacement | 1    | 1,000,000         | Water Utility | 100 | -                        | -    | 1,000,000 | -       | -    |
| Air Handling Units  | 2    | 150,000           | Water Utility | 100 | -                        | -    | -         | 150,000 | -    |
| Boiler Unit         | 3    | 150,000           | Water Utility | 100 | -                        | -    | -         | 150,000 | -    |
| TOTAL               |      | 1,300,000         |               |     | -                        | -    | 1,000,000 | 300,000 | -    |
| NON-CITY FUNDING    |      | -                 |               |     | -                        | -    | -         | -       | -    |
| TOTAL CITY FUNDING  |      | 1,300,000         |               |     | -                        | -    | 1,000,000 | 300,000 | -    |



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW - Administration      Project Title: Roofing Replacement      Priority 1 of 3      1st Year: 2015

Description: Replace existing EPDM roof membrane and insulation system with a new membrane and insulation system with improved drainage.

Justification Existing membrane will be nearing 20 years of age. It is currently showing some signs of aging and wet insulation causing ponding. Curbs and other details need improved detailing when roof system is done.

Scheduling and Project Status RFQ should occur in fourth quarter of 2018. Bidding in first quarter 2019, construction to follow with completion by October 1, 2019.

Annual Impact on Income and Operating Costs Annual operating costs should decrease slightly due to damaged insulation being replaced and a new and more energy efficient roofing system being installed. Maintenance costs will be reduced as the aged system requires more attention and monitoring.

| Project Costs:                | 2017 | 2018 | 2019               | 2020 | 2020 | Total              |
|-------------------------------|------|------|--------------------|------|------|--------------------|
| Planning & Preliminary Design |      |      |                    |      |      |                    |
| Engineering/Architectural     |      |      | \$70,000           |      |      | \$70,000           |
| Construction                  |      |      | \$930,000          |      |      | \$930,000          |
| Other (specify)               |      |      |                    |      |      |                    |
| <b>Total</b>                  |      |      | <b>\$1,000,000</b> |      |      | <b>\$1,000,000</b> |

| Project Funding:                 | 2017 | 2018 | 2019               | 2020 | 2020 | Total              |
|----------------------------------|------|------|--------------------|------|------|--------------------|
| <b>City</b>                      |      |      |                    |      |      |                    |
| Enterprise Construction Reserves |      |      | \$1,000,000        |      |      | \$1,000,000        |
| 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>\$1,000,000</b> |      |      | <b>\$1,000,000</b> |

PREPARER LaVonne Wohl      PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW - Administration      Project Title: Air Handling Units      Priority 2 of 3      1st Year: 2015

Description: Replace and upgrade air handling system for Public Works.

Justification There are beginning to be signs of some maintenance challenges and compromised air handling, particularly in shop work areas. That is expected to become more problematic as systems reach 20 years of age. Energy efficiency gains also can be made with updated equipment.

Scheduling and Project Status RFQ in fourth quarter of 2019. Design, first quarter of 2020. Replacement and repair should begin in the second quarter of 2020, finishing by October 1, 2020.

Annual Impact on Income and Operating Costs Reduction in maintenance costs and energy costs due to updated, more reliable and easier to maintain system.

| <b>Project Costs:</b>         | <b>2017</b> | <b>2018</b> | <b>2019</b> | <b>2020</b>      | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-------------|-------------|-------------|------------------|-------------|------------------|
| Planning & Preliminary Design |             |             |             |                  |             |                  |
| Engineering/Architectural     |             |             |             | \$15,000         |             | \$15,000         |
| Construction                  |             |             |             | \$135,000        |             | \$135,000        |
| Other (specify)               |             |             |             |                  |             |                  |
| <b>Total</b>                  |             |             |             | <b>\$150,000</b> |             | <b>\$150,000</b> |

| <b>Project Funding:</b>          |  |  |  |                  |  |                  |
|----------------------------------|--|--|--|------------------|--|------------------|
| <b>City</b>                      |  |  |  |                  |  |                  |
| 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> |

PREPARER LaVonne Wohl

PREPARER'S PHONE NUMBER 355-1743

## City of Bismarck Capital Improvement Project 2017- 2021

|   |                            |                                  |             |                  |             |                  |
|---|----------------------------|----------------------------------|-------------|------------------|-------------|------------------|
| Department: PW - Administration   | Project Title: Boiler Unit | Priority                         | 3 of 3      | 1st Year: 2015   |             |                  |
| Description: Replace existing boiler with new unit.   |                            |                                  |             |                  |             |                  |
| Justification It has potential for failure of systems at high demand. System is aging and as it approaches 20 years of age will become more difficult to maintain.  |                            |                                  |             |                  |             |                  |
| Scheduling and Project Status RFQ in fourth quarter of 2019. Design, first quarter 2020. Bidding at beginning of second quarter. Replacement should begin in late second quarter with completion by October 1, 2020, prior to heating season. |                            |                                  |             |                  |             |                  |
| Annual Impact on Income and Operating Costs Operating costs will decrease slightly because of higher energy efficiency.   |                            |                                  |             |                  |             |                  |
| <b>Project Costs:</b>   | <b>2017</b>                | <b>2018</b>                      | <b>2019</b> | <b>2020</b>      | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design   |                            |                                  |             |                  |             |                  |
| Engineering/Architectural   |                            |                                  |             |                  |             |                  |
| Construction  |                            |                                  |             | \$150,000        |             | \$150,000        |
| Other (specify)   |                            |                                  |             |                  |             |                  |
| <b>Total</b>  |                            |                                  |             | <b>\$150,000</b> |             | <b>\$150,000</b> |
| <b>Project Funding:</b>   |                            |                                  |             |                  |             |                  |
| <b>City</b>   |                            |                                  |             |                  |             |                  |
| 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> |
| PREPARER LaVonne Wohl   |                            | PREPARER'S PHONE NUMBER 355-1743 |             |                  |             |                  |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**UTILITY OPERATIONS - STORM WATER**

| Requested Project                           | Rank | Cost to be Funded | Funding            |     | Projected Costs Per Year |                  |                |                |                |
|---|------|-------------------|--------------------|-----|--------------------------|------------------|----------------|----------------|----------------|
|   |      |                   | Source             | %   | 2017                     | 2018             | 2019           | 2020           | 2021           |
| Storm Water Maintenance - 19th Street       | 1    | 1,609,000         | Enterprise Reserve | 100 | <b>715,000</b>           | 534,000          | 120,000        | 120,000        | 120,000        |
| Storm Water South Bismarck                  | 2    | 8,800,000         | Spec Assmt         | 100 | <b>4,400,000</b>         | 4,400,000        | -              | -              | -              |
| Storm Water Development - Sattler's Sunrise | 3    | 1,650,000         | Enterprise Reserve | 30  | <b>100,000</b>           | 100,000          | 100,000        | 100,000        | 100,000        |
| Additions and N Washington St Watershed     |      |                   | Spec Assmt         | 70  | <b>560,000</b>           | 590,000          | -              | -              | -              |
| <b>TOTAL</b>                                |      | 12,059,000        |                    |     | <b>5,775,000</b>         | 5,624,000        | 220,000        | 220,000        | 220,000        |
| NON-CITY FUNDING                            |      | -                 |                    |     | -                        | -                | -              | -              | -              |
| <b>TOTAL CITY FUNDING</b>                   |      | 12,059,000        |                    |     | <b>5,775,000</b>         | <b>5,624,000</b> | <b>220,000</b> | <b>220,000</b> | <b>220,000</b> |

## City of Bismarck Capital Improvement Project 2017 - 2021

|   |   |                  |                  |                  |                  |                    |                |
|---|---|------------------|------------------|------------------|------------------|--------------------|----------------|
| Department: PW- Utility Operations  | Project Title: Stormwater - Maintenance |                  |                  |                  | Priority         | 1 of 3             | 1st Year: 2016 |
| Description:<br>Maintenance is required on larger projects each year. This is a reoccurring need and specific projects will be identified each year.<br><br>In 2017 - 19th Street outfall, cleaning stormwater sediment from Pebble Creek Golf Course pond, address stormwater repairs on west edge of state capitol on North 4th street<br><br>In 2018 - Kohl's outfall project and general maintenance. |   |                  |                  |                  |                  |                    |                |
| Justification   |   |                  |                  |                  |                  |                    |                |
| Scheduling and Project Status   |   |                  |                  |                  |                  |                    |                |
| Annual Impact on Income and Operating Costs   |   |                  |                  |                  |                  |                    |                |
| <b>Project Costs:</b>   | <b>2017</b>                             | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |                |
| Planning & Preliminary Design   |   |                  |                  |                  |                  |                    |                |
| Engineering/Architectural   | \$65,000                                | \$49,000         | \$20,000         | \$20,000         | \$20,000         | <b>\$174,000</b>   |                |
| Construction  | \$650,000                               | \$485,000        | \$100,000        | \$100,000        | \$100,000        | <b>\$1,435,000</b> |                |
| Other (specify)   |   |                  |                  |                  |                  |                    |                |
| <b>Total</b>  | <b>\$715,000</b>                        | <b>\$534,000</b> | <b>\$120,000</b> | <b>\$120,000</b> | <b>\$120,000</b> | <b>\$1,609,000</b> |                |
| <b>Project Funding:</b>   |   |                  |                  |                  |                  |                    |                |
| <b>City</b>   |   |                  |                  |                  |                  |                    |                |
| Enterprise Construction Reserves  | \$715,000                               | \$534,000        | \$120,000        | \$120,000        | \$120,000        | <b>\$1,609,000</b> |                |
| 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>\$715,000</b>                        | <b>\$534,000</b> | <b>\$120,000</b> | <b>\$120,000</b> | <b>\$120,000</b> | <b>\$1,609,000</b> |                |
| PREPARER : Michelle Klose <span style="float: right;">PREPARER'S PHONE NUMBER : 355-1704</span>   |   |                  |                  |                  |                  |                    |                |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Stormwater- South Bismarck      Priority 2 of 3      1st Year: 2017

**Description:**

The updated modeling to the 2013 South Bismarck Stormwater Management Plan is nearing completion in 2016. There will be options presented on how to address larger rain events and the more frequent rain events, however it is difficult to develop affordable stormwater options in the south Bismarck and the South 12th street region. The costs included are rough placeholder at this time until a course of action can be specifically identified.

**Justification**

**Scheduling and Project Status**

**Annual Impact on Income and Operating Costs**

| <b>Project Costs:</b>            | <b>2017</b>        | <b>2018</b>        | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>       |
|----------------------------------|--------------------|--------------------|-------------|-------------|-------------|--------------------|
| Planning & Preliminary Design    |                    |                    |             |             |             |                    |
| Engineering/Architectural        | \$400,000          | \$400,000          |             |             |             | <b>\$800,000</b>   |
| Construction                     | \$4,000,000        | \$4,000,000        |             |             |             | <b>\$8,000,000</b> |
| Other (specify)                  |                    |                    |             |             |             |                    |
| <b>Total</b>                     | <b>\$4,400,000</b> | <b>\$4,400,000</b> |             |             |             | <b>\$8,800,000</b> |
| <b>Project Funding:</b>          |                    |                    |             |             |             |                    |
| <b>City</b>                      |                    |                    |             |             |             |                    |
| Enterprise Construction Reserves |                    |                    |             |             |             |                    |
| Motel/Liquor/Restaurant          |                    |                    |             |             |             |                    |
| Building Construction            |                    |                    |             |             |             |                    |
| Sales Tax Fund                   |                    |                    |             |             |             |                    |
| Special Assessment Bonds         | \$4,400,000        | \$4,400,000        |             |             |             | <b>\$8,800,000</b> |
| Other (specify)                  |                    |                    |             |             |             |                    |
| <b>Non-City</b>                  |                    |                    |             |             |             |                    |
| Private/Donations                |                    |                    |             |             |             |                    |
| Federal Grant                    |                    |                    |             |             |             |                    |
| State Grant                      |                    |                    |             |             |             |                    |
| <b>Total</b>                     | <b>\$4,400,000</b> | <b>\$4,400,000</b> |             |             |             | <b>\$8,800,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |                                       |                  |                  |                  |                  |                    |
|--|---------------------------------------|------------------|------------------|------------------|------------------|--------------------|
| Department: PW- Utility Operations   | Project Title: Stormwater development |                  |                  |                  | Priority 3 of 3  | 1st Year: 2017     |
| Description:<br>Estimate of projects that may proceed in 2017<br>Sattler's Sunrise Additions regional pond 2017 (around 50% PW -\$220,000) pd in 2018<br>North Washington Street Watershed detention ponds (around 15% PW - \$370,000) pd in 2018<br>\$100,000 for engineering costs to address storm water development projects for new development areas |                                       |                  |                  |                  |                  |                    |
| Justification  |                                       |                  |                  |                  |                  |                    |
| Scheduling and Project Status  |                                       |                  |                  |                  |                  |                    |
| Annual Impact on Income and Operating Costs  |                                       |                  |                  |                  |                  |                    |
| <b>Project Costs:</b>  | <b>2017</b>                           | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
| Planning & Preliminary Design  |                                       |                  |                  |                  |                  |                    |
| Engineering/Architectural  | \$100,000                             | \$100,000        | \$100,000        | \$100,000        | \$100,000        | \$500,000          |
| Construction   |                                       | \$590,000        |                  |                  |                  | \$590,000          |
| Other (specify) Land   | \$560,000                             |                  |                  |                  |                  | \$560,000          |
| <b>Total</b>   | <b>\$660,000</b>                      | <b>\$690,000</b> | <b>\$100,000</b> | <b>\$100,000</b> | <b>\$100,000</b> | <b>\$1,650,000</b> |
| <b>Project Funding:</b>  |                                       |                  |                  |                  |                  |                    |
| <b>City</b>  |                                       |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves   | \$100,000                             | \$100,000        | \$100,000        | \$100,000        | \$100,000        | \$500,000          |
| Motel/Liquor/Restaurant  |                                       |                  |                  |                  |                  |                    |
| Building Construction  |                                       |                  |                  |                  |                  |                    |
| Sales Tax Fund   |                                       |                  |                  |                  |                  |                    |
| Special Assessment Bonds   | \$560,000                             | \$590,000        |                  |                  |                  | \$1,150,000        |
| Other (specify)  |                                       |                  |                  |                  |                  |                    |
| <b>Non-City</b>  |                                       |                  |                  |                  |                  |                    |
| Private/Donations  |                                       |                  |                  |                  |                  |                    |
| Federal Grant  |                                       |                  |                  |                  |                  |                    |
| State Grant  |                                       |                  |                  |                  |                  |                    |
| <b>Total</b>   | <b>\$660,000</b>                      | <b>\$690,000</b> | <b>\$100,000</b> | <b>\$100,000</b> | <b>\$100,000</b> | <b>\$1,650,000</b> |
| PREPARER : Michelle Klose <span style="float: right;">PREPARER'S PHONE NUMBER : 355-1704</span>  |                                       |                  |                  |                  |                  |                    |

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
 UTILITY OPERATIONS - WASTEWATER TREATMENT PLANT

| Requested Project         | Rank | Cost to be Funded | Funding       |     | Projected Costs Per Year |           |           |           |           |
|---------------------------|------|-------------------|---------------|-----|--------------------------|-----------|-----------|-----------|-----------|
|                           |      |                   | Source        | %   | 2017                     | 2018      | 2019      | 2020      | 2021      |
| Trickling Filter          | 1    | 10,445,000        | Reserve Bonds | 100 | <b>9,290,000</b>         | 1,155,000 | -         | -         | -         |
| Consent Agreement         | 2    | 5,800,000         | Sewer Utility | 100 | <b>200,000</b>           | 800,000   | 1,200,000 | 1,400,000 | 2,200,000 |
| <b>TOTAL</b>              |      | 16,245,000        |               |     | <b>9,490,000</b>         | 1,955,000 | 1,200,000 | 1,400,000 | 2,200,000 |
| NON-CITY FUNDING          |      | -                 |               |     | -                        | -         | -         | -         | -         |
| <b>TOTAL CITY FUNDING</b> |      | 16,245,000        |               |     | <b>9,490,000</b>         | 1,955,000 | 1,200,000 | 1,400,000 | 2,200,000 |



## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Wastewater Treat Plant - Trickling Filter      Priority 1 of 2 1st Year:

Description:  
Replacement of existing trickling filter distributors and media and pumping and construction of a new pump station.

Justification

Scheduling and Project Status  
Trickling Filter work on Phase I is expected to be completed in 2016. The media has been purchased for phase I and II. The Phase II is under design in 2016.

Annual Impact on Income and Operating Costs

| Project Costs:                   | 2017               | 2018               | 2019 | 2020 | 2021 | Total               |
|----------------------------------|--------------------|--------------------|------|------|------|---------------------|
| Planning & Preliminary Design    |                    |                    |      |      |      |                     |
| Engineering/Architectural        | \$550,000          | \$190,000          |      |      |      | \$740,000           |
| Construction                     | \$8,740,000        | \$965,000          |      |      |      | \$9,705,000         |
| Other (specify)                  |                    |                    |      |      |      |                     |
| <b>Total</b>                     | <b>\$9,290,000</b> | <b>\$1,155,000</b> |      |      |      | <b>\$10,445,000</b> |
| <b>Project Funding:</b>          |                    |                    |      |      |      |                     |
| <b>City</b>                      |                    |                    |      |      |      |                     |
| Enterprise Construction Reserves |                    |                    |      |      |      |                     |
| Motel/Liquor/Restaurant          |                    |                    |      |      |      |                     |
| Building Construction            |                    |                    |      |      |      |                     |
| Sales Tax Fund                   |                    |                    |      |      |      |                     |
| Special Assessment Bonds         |                    |                    |      |      |      |                     |
| Other (specify) Reserve Bonds    | \$9,290,000        | \$1,155,000        |      |      |      | \$10,445,000        |
| <b>Non-City</b>                  |                    |                    |      |      |      |                     |
| Private/Donations                |                    |                    |      |      |      |                     |
| Federal Grant                    |                    |                    |      |      |      |                     |
| State Grant                      |                    |                    |      |      |      |                     |
| <b>Total</b>                     | <b>\$9,290,000</b> | <b>\$1,155,000</b> |      |      |      | <b>\$10,445,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Wastewater Treatment Plant - Consent Agreement      Priority 2 of 2      1st Year: 2017

**Description:**

In 2017 complete tasks relating to the Consent Agreement, develop preliminary engineering report and scheduling for construction of the final clarifier, splitter box to properly split flow between all four final clarifiers, equalization basin to help reduce sulfides coming into the plant, and final disinfection as the water leaves the plant.

**Justification**

The Wastewater Treatment Plant is under a consent agreement with the regulatory agency. There are specific construction projects and tasks that are required to be completed and these items will assist the plant operations in keeping in compliance on a routine basis.

**Scheduling and Project Status**

Following the completion of the preliminary engineering report and scheduling, the outyear scheduling will be better defined

**Annual Impact on Income and Operating Costs**

The wastewater rates were dramatically increased in 2016 and will need further increases to accomplish this work and pay for the current trickling filter work. However concerned that delays in these projects can adversely affect plant operations and the ability to handle additional waste supplies from new development.

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>       |
|-------------------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| Planning & Preliminary Design | \$200,000        |                  |                    |                    |                    | \$200,000          |
| Engineering/Architectural     |                  | \$100,000        | \$100,000          | \$100,000          | \$100,000          | \$400,000          |
| Construction                  |                  | \$700,000        | \$1,100,000        | \$1,300,000        | \$2,100,000        | \$5,200,000        |
| Other (specify)               |                  |                  |                    |                    |                    |                    |
| <b>Total</b>                  | <b>\$200,000</b> | <b>\$800,000</b> | <b>\$1,200,000</b> | <b>\$1,400,000</b> | <b>\$2,200,000</b> | <b>\$5,800,000</b> |

**Project Funding:**

| <b>City</b>                      | <b>2017</b>      | <b>2018</b>      | <b>2019</b>        | <b>2020</b>        | <b>2021</b>        | <b>Total</b>       |
|----------------------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|
| Enterprise Construction Reserves | \$200,000        | \$800,000        | \$1,200,000        | \$1,400,000        | \$2,200,000        | \$5,800,000        |
| 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>\$800,000</b> | <b>\$1,200,000</b> | <b>\$1,400,000</b> | <b>\$2,200,000</b> | <b>\$5,800,000</b> |

PREPARER : Michelle Klose      PREPARER'S PHONE NUMBER : 355-1704

**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**UTILITY OPERATIONS - WATER DISTRIBUTION**

| Requested Project             | Rank | Cost to be Funded | Funding       |     | Projected Costs Per Year |           |           |           |           |
|-------------------------------|------|-------------------|---------------|-----|--------------------------|-----------|-----------|-----------|-----------|
|                               |      |                   | Source        | %   | 2017                     | 2018      | 2019      | 2020      | 2021      |
| SCADA                         | 1    | 1,750,000         | Water Utility | 100 | <b>400,000</b>           | 600,000   | 750,000   | -         | -         |
| Valve and Hydrant Replacement | 2    | 628,000           | Water Utility | 100 | <b>110,000</b>           | 121,000   | 127,000   | 132,000   | 138,000   |
| Watermain Replacements        | 3    | 3,388,000         | Water Utility | 100 | <b>418,000</b>           | 220,000   | 880,000   | 935,000   | 935,000   |
| Pipeline Extensions           | 4    | 2,762,300         | Water Utility | 100 | <b>320,000</b>           | 895,800   | 546,500   | 500,000   | 500,000   |
| Hard Surface Water Lines      | 5    | 913,000           | Water Utility | 100 | -                        | 913,000   | -         | -         | -         |
| <b>TOTAL</b>                  |      | 9,441,300         |               |     | <b>1,248,000</b>         | 2,749,800 | 2,303,500 | 1,567,000 | 1,573,000 |
| NON-CITY FUNDING              |      | -                 |               |     | -                        | -         | -         | -         | -         |
| <b>TOTAL CITY FUNDING</b>     |      | 9,441,300         |               |     | <b>1,248,000</b>         | 2,749,800 | 2,303,500 | 1,567,000 | 1,573,000 |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Water Distribution SCADA      Priority 1 of 5      1st Year: 2005

**Description:**  
Update current SCADA system which is functionally obsolete. Work will be done in conjunction with upgrade of the sanitary sewer collection system SCADA system.

**Justification**

**Scheduling and Project Status**  
System evaluation/needs assessment in 2016, majority of work in 2017 thru 2019.

**Annual Impact on Income and Operating Costs**

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b> | <b>2021</b> | <b>Total</b>       |
|-------------------------------|------------------|------------------|------------------|-------------|-------------|--------------------|
| Planning & Preliminary Design |                  |                  |                  |             |             |                    |
| Engineering/Architectural     |                  |                  |                  |             |             |                    |
| Construction                  | \$400,000        | \$600,000        | \$750,000        |             |             | <b>\$1,750,000</b> |
| Other (specify)               |                  |                  |                  |             |             |                    |
| <b>Total</b>                  | <b>\$400,000</b> | <b>\$600,000</b> | <b>\$750,000</b> |             |             | <b>\$1,750,000</b> |

| <b>Project Funding:</b>          |                  |                  |                  |  |  |                    |
|----------------------------------|------------------|------------------|------------------|--|--|--------------------|
| <b>City</b>                      |                  |                  |                  |  |  |                    |
| Enterprise Construction Reserves | \$400,000        | \$600,000        | \$750,000        |  |  | <b>\$1,750,000</b> |
| 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>\$600,000</b> | <b>\$750,000</b> |  |  | <b>\$1,750,000</b> |

PREPARER : Michelle Klose      PREPARER'S PHONE NUMBER : 355-1704

## City of Bismarck Capital Improvement Project 2017 - 2021

|                                    |   |                 |      |
|------------------------------------|---|-----------------|------|
| Department: PW- Utility Operations | Project Title: Water Distribution - Valve and Hydrant Replacement | Priority 2 of 5 | 2010 |
|------------------------------------|---|-----------------|------|

Description:  
Recurring valve and hydrant repair and replacement.

Justification  
Reliable valves and hydrants are required for fire protection and isolation of pipelines during repairs.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017             | 2018             | 2019             | 2020             | 2021             | Total            |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                  |
| Engineering/Architectural     | \$10,000         | \$11,000         | \$12,000         | \$12,000         | \$13,000         | \$58,000         |
| Construction                  | \$100,000        | \$110,000        | \$115,000        | \$120,000        | \$125,000        | \$570,000        |
| Other (specify)               |                  |                  |                  |                  |                  |                  |
| <b>Total</b>                  | <b>\$110,000</b> | <b>\$121,000</b> | <b>\$127,000</b> | <b>\$132,000</b> | <b>\$138,000</b> | <b>\$628,000</b> |

| Project Funding:                 | 2017             | 2018             | 2019             | 2020             | 2021             | Total            |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>City</b>                      |                  |                  |                  |                  |                  |                  |
| Enterprise Construction Reserves | \$110,000        | \$121,000        | \$127,000        | \$132,000        | \$138,000        | \$628,000        |
| 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>\$121,000</b> | <b>\$127,000</b> | <b>\$132,000</b> | <b>\$138,000</b> | <b>\$628,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

|                                    |   |                 |                |
|------------------------------------|---|-----------------|----------------|
| Department: PW- Utility Operations | Project Title: Water Distribution - Water Main Replacements | Priority 3 of 5 | 1st Year: 2016 |
|------------------------------------|---|-----------------|----------------|

Description:  
Replacement of water lines within areas of frequent water line breaks.

**2017**  
2000 linear feet of 8" water main from 23rd St to 19th on Ave D - north to Ave E  
1100 linear feet of 12" water main reroute 20th St to 22nd St at E Ave A

Justification  
Water main replacements are required in areas with undersized or poor conditioned pipelines that are within areas of frequent water line breaks. This is a recurring project to address priority needs.

Scheduling and Project Status  
The 2017 replacement projects are narrowed in scope as the replacements related to the Hard Surface road project are priority (and are included in a separate CIP).

Annual Impact on Income and Operating Costs

| Project Costs:                | 2017             | 2018             | 2019             | 2020             | 2021             | Total              |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                    |
| Engineering/Architectural     | \$38,000         | \$20,000         | \$80,000         | \$85,000         | \$85,000         | \$308,000          |
| Construction                  | \$380,000        | \$200,000        | \$800,000        | \$850,000        | \$850,000        | \$3,080,000        |
| Other (specify)               |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                  | <b>\$418,000</b> | <b>\$220,000</b> | <b>\$880,000</b> | <b>\$935,000</b> | <b>\$935,000</b> | <b>\$3,388,000</b> |

| Project Funding:                              | 2017             | 2018             | 2019             | 2020             | 2021             | Total              |
|---|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>City</b>                                   |                  |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves              | \$418,000        | \$220,000        | \$880,000        | \$935,000        | \$935,000        | \$3,388,000        |
| 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>\$220,000</b> | <b>\$880,000</b> | <b>\$935,000</b> | <b>\$935,000</b> | <b>\$3,388,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Water Distribution - Pipeline Extensions      Priority 4 of 5      1st Year: 2017

Description:  
 Construction of new watermains to development areas  
**upto \$200,000 in engineering costs to develop new areas**  
 Bowen from 3rd to 5th- **2017(\$120,000)**  
 16" watermain extension on Clairmont Road-**2018 (225,500)**  
 43rd Ave watermain - Centennial Road to East Silver Ranch Addition -**2018 (\$470,300)**  
 24" watermain Morrison and Yegen Ave to 1200' south- **2019 (\$346,500)**

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Planning & Preliminary Design |                  |                  |                  |                  |                  |                    |
| Engineering/Architectural     | \$200,000        | \$200,000        | \$200,000        |                  |                  | \$600,000          |
| Construction                  | \$120,000        | \$695,800        | \$346,500        | \$500,000        | \$500,000        | \$2,162,300        |
| Other (specify)               |                  |                  |                  |                  |                  |                    |
| <b>Total</b>                  | <b>\$320,000</b> | <b>\$895,800</b> | <b>\$546,500</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$2,762,300</b> |

| <b>Project Funding:</b>          | <b>2017</b>      | <b>2018</b>      | <b>2019</b>      | <b>2020</b>      | <b>2021</b>      | <b>Total</b>       |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| <b>City</b>                      |                  |                  |                  |                  |                  |                    |
| Enterprise Construction Reserves | \$320,000        | \$895,800        | \$546,500        | \$500,000        | \$500,000        | \$2,762,300        |
| 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>\$320,000</b> | <b>\$895,800</b> | <b>\$546,500</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$2,762,300</b> |

PREPARER : Michelle Klose

PREPARER'S PHONE NUMBER : 355-1704

## City of Bismarck Capital Improvement Project 2017 - 2021

|  |  |                                    |             |             |             |                  |
|--|--|------------------------------------|-------------|-------------|-------------|------------------|
| Department: PW- Utility Operations   | Project Title: Water Distribution - Hard Surface - Water Lines | Priority 5 of 5                    | 1st Year:   |             |             |                  |
| Description:<br>Replacement of water lines within location of hard surface road improvements. The city construction funds will cover the construction in progress, following completion, funding will be transferred from the water utility enterprise fund to 8000-365. |  |                                    |             |             |             |                  |
| Justification<br>This is the last major hard surface replacement project within the city. There are benefits to replacing the underground infrastructure in coordination with the road work.   |  |                                    |             |             |             |                  |
| Scheduling and Project Status  |  |                                    |             |             |             |                  |
| Annual Impact on Income and Operating Costs  |  |                                    |             |             |             |                  |
| <b>Project Costs:</b>  | <b>2017</b>  | <b>2018</b>                        | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
| Planning & Preliminary Design  |  |                                    |             |             |             |                  |
| Engineering/Architectural  |  | \$83,000                           |             |             |             | \$83,000         |
| Construction   |  | \$830,000                          |             |             |             | \$830,000        |
| Other (specify)  |  |                                    |             |             |             |                  |
| <b>Total</b>   |  | <b>\$913,000</b>                   |             |             |             | <b>\$913,000</b> |
| <b>Project Funding:</b>  |  |                                    |             |             |             |                  |
| <b>City</b>  |  |                                    |             |             |             |                  |
| Enterprise Construction Reserves   |  |                                    |             |             |             |                  |
| Motel/Liquor/Restaurant  |  |                                    |             |             |             |                  |
| Building Construction  |  |                                    |             |             |             |                  |
| Sales Tax Fund   |  |                                    |             |             |             |                  |
| Special Assessment Bonds   |  |                                    |             |             |             |                  |
| Other(specify) Enterprise 8000-365   |  | \$913,000                          |             |             |             | \$913,000        |
| <b>Non-City</b>  |  |                                    |             |             |             |                  |
| Private/Donations  |  |                                    |             |             |             |                  |
| Federal Grant  |  |                                    |             |             |             |                  |
| State Grant  |  |                                    |             |             |             |                  |
| <b>Total</b>   |  | <b>\$913,000</b>                   |             |             |             | <b>\$913,000</b> |
| PREPARER : Michelle Klose  |  | PREPARER'S PHONE NUMBER : 355-1704 |             |             |             |                  |



**CAPITAL IMPROVEMENT PROGRAM (2017-2021)**  
**UTILITY OPERATIONS - WATER TREATMENT PLANT**

| Requested Project         | Rank | Cost to be Funded | Funding       |     | Projected Costs Per Year |         |        |      |      |
|---------------------------|------|-------------------|---------------|-----|--------------------------|---------|--------|------|------|
|                           |      |                   | Source        | %   | 2017                     | 2018    | 2019   | 2020 | 2021 |
| Security                  | 1    | 88,000            | Water Utility | 100 | <b>88,000</b>            | -       | -      | -    | -    |
| Bulk Lime Storage         | 2    | 990,000           | Water Utility | 100 | <b>50,000</b>            | 940,000 | -      | -    | -    |
| Filter Evaluation         | 3    | 75,000            | Water Utility | 100 | -                        | -       | 75,000 | -    | -    |
| <b>TOTAL</b>              |      | 1,153,000         |               |     | <b>138,000</b>           | 940,000 | 75,000 | -    | -    |
| NON-CITY FUNDING          |      | -                 |               |     | -                        | -       | -      | -    | -    |
| <b>TOTAL CITY FUNDING</b> |      | 1,153,000         |               |     | <b>138,000</b>           | 940,000 | 75,000 | -    | -    |

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Water Treatment Plant - Security      Priority 1 of 3      2012

**Description:**  
 Installation of card access system and video security at Water Plant. Homeland Security completed a security assessment in 2016 and recommendations will be considered within this project.

**Justification**

**Scheduling and Project Status**

**Annual Impact on Income and Operating Costs**

| <b>Project Costs:</b>         | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|-------------------------------|-----------------|------|------|------|------|-----------------|
| Planning & Preliminary Design | \$8,000         |      |      |      |      | \$8,000         |
| Engineering/Architectural     |                 |      |      |      |      |                 |
| Construction                  | \$80,000        |      |      |      |      | \$80,000        |
| Other (specify)               |                 |      |      |      |      |                 |
| <b>Total</b>                  | <b>\$88,000</b> |      |      |      |      | <b>\$88,000</b> |

| <b>Project Funding:</b>                       | 2017            | 2018 | 2019 | 2020 | 2021 | Total           |
|---|-----------------|------|------|------|------|-----------------|
| <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> |

PREPARER : Michelle Klose      PREPARER'S PHONE NUMBER : 355-1704

## City of Bismarck Capital Improvement Project 2017 - 2021

Department: PW- Utility Operations      Project Title: Water Treatment Plant - Bulk Lime Storage      Priority 2 of 3      2016

Description:  
150 ton bulk lime storage at the Water Treatment Plant.

Justification  
Lime usage at the water treatment plant is increasing and additional storage is required. Currently we have two storage silos with total capacity of 250 tons. The lime use depends on our water demands, with summer water demands there is increased lime use. In June 2016 we used a rate of 42,500 pounds per day (638 tons per month). Which means we are calling for a truck of lime everyday Monday thru Friday to keep up with demands. By adding another 150 ton silo, we will be able to operate and meet the chemical supply storage recommendations from 10 State Standards.

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | <b>2017</b>     | <b>2018</b>      | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|-------------------------------|-----------------|------------------|-------------|-------------|-------------|------------------|
| Planning & Preliminary Design |                 |                  |             |             |             |                  |
| Engineering/Architectural     | \$50,000        | \$40,000         |             |             |             | \$90,000         |
| Construction                  |                 | \$900,000        |             |             |             | \$900,000        |
| Other (specify)               |                 |                  |             |             |             |                  |
| <b>Total</b>                  | <b>\$50,000</b> | <b>\$940,000</b> |             |             |             | <b>\$990,000</b> |

| <b>Project Funding:</b>          | <b>2017</b>     | <b>2018</b>      | <b>2019</b> | <b>2020</b> | <b>2021</b> | <b>Total</b>     |
|----------------------------------|-----------------|------------------|-------------|-------------|-------------|------------------|
| <b>City</b>                      |                 |                  |             |             |             |                  |
| Enterprise Construction Reserves | \$50,000        | \$940,000        |             |             |             | \$990,000        |
| 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>\$50,000</b> | <b>\$940,000</b> |             |             |             | <b>\$990,000</b> |

PREPARER : Michelle Klose      PREPARER'S PHONE NUMBER : 355-1704

**City of Bismarck Capital Improvement Project 2017 - 2021**

|                                    |  |                 |                |
|------------------------------------|--|-----------------|----------------|
| Department: PW- Utility Operations | Project Title: Water Treatment Plant - Filter Evaluation | Priority 3 of 3 | 1st Year: 2017 |
|------------------------------------|--|-----------------|----------------|

Description:  
Evaluation of filter condition and capacity.

Justification

Scheduling and Project Status

Annual Impact on Income and Operating Costs

| <b>Project Costs:</b>         | 2017 | 2018 | 2019            | 2020 | 2021 | Total           |
|-------------------------------|------|------|-----------------|------|------|-----------------|
| Planning & Preliminary Design |      |      | \$75,000        |      |      | \$75,000        |
| Engineering/Architectural     |      |      |                 |      |      |                 |
| Construction                  |      |      |                 |      |      |                 |
| Other (specify)               |      |      |                 |      |      |                 |
| <b>Total</b>                  |      |      | <b>\$75,000</b> |      |      | <b>\$75,000</b> |

| <b>Project Funding:</b>          | 2017 | 2018 | 2019            | 2020 | 2021 | Total           |
|----------------------------------|------|------|-----------------|------|------|-----------------|
| <b>City</b>                      |      |      |                 |      |      |                 |
| 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                    |      |      |                 |      |      |                 |
| State Grant                      |      |      |                 |      |      |                 |
| <b>Total</b>                     |      |      | <b>\$75,000</b> |      |      | <b>\$75,000</b> |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| PREPARER : Michelle Klose | PREPARER'S PHONE NUMBER : 355-1704 |  |
|---------------------------|------------------------------------|--|