

2018-2022

Capital
Equipment
Plan



City of Northfield, Minnesota

Capital Equipment Plan

2018 thru 2022

PROJECTS BY FUNDING SOURCE

| Source | Project # | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|---|-------------|--------|---------|--------|--------|--------|---------|
| Bonded Dollars | | | | | | | |
| Pumper #8115 | F-2018-002 | | 432,000 | | | | 432,000 |
| Bonded Dollars Total | | | 432,000 | | | | 432,000 |
| Garbage Fund | | | | | | | |
| 2006 Ford Water Truck | ST-305-7758 | | | | | 56,000 | 56,000 |
| Garbage Fund Total | | | | | | 56,000 | 56,000 |
| IT | | | | | | | |
| Police Body Camera's | PD-2018-CAM | | 55,250 | | | | 55,250 |
| IT Total | | | 55,250 | | | | 55,250 |
| Other | | | | | | | |
| Pumper #8115 | F-2018-002 | | 168,000 | | | | 168,000 |
| Other Total | | | 168,000 | | | | 168,000 |
| Stormwater Fund | | | | | | | |
| 2006 Ford Water Truck | ST-305-7758 | | | | | 84,000 | 84,000 |
| Stormwater Fund Total | | | | | | 84,000 | 84,000 |
| Vehicle Equipment Replacement Fund | | | | | | | |
| Building Inspection Truck Replacement | BI-2021-001 | | | 24,000 | | | 24,000 |
| Engineering Division Truck Replacement | E-2020-001 | | | 24,000 | | | 24,000 |
| Engineering Division Truck Replacement | E-2021-001 | | | | 24,000 | | 24,000 |
| Election Equipment | F-2018-003 | 87,200 | | | | | 87,200 |
| Facilities Division Truck Replacement | F-2019-001 | | 25,000 | | | | 25,000 |
| Facilities Division Cargo Van Replacement | F-2021-001 | | | | 22,000 | | 22,000 |
| 2014 Ford Police Interceptor (3) | PD-2018-001 | 36,000 | | | | | 36,000 |
| 2013 Ford Police Interceptor (8) | PD-2018-002 | 36,000 | | | | | 36,000 |
| 2010 Ford F-150 (10) | PD-2018-003 | 36,000 | | | | | 36,000 |
| 2013 Ford Police Interceptor (7) | PD-2019-001 | | 36,000 | | | | 36,000 |
| 2014 Ford Police Interceptor SUV (4) | PD-2019-002 | | 36,000 | | | | 36,000 |
| 2012 Ford Police Interceptor (11) | PD-2019-003 | | 33,000 | | | | 33,000 |
| 2016 Ford Police Interceptor SUV (2) | PD-2020-001 | | | 36,000 | | | 36,000 |
| Ford Police Interceptor SUV (5) | PD-2020-002 | | | 36,000 | | | 36,000 |
| Police Ford Interceptor SUV (9) | PD-2020-003 | | | 36,000 | | | 36,000 |
| 2015 Dodge Grand Caravan (12) | PD-2021-001 | | | | 25,000 | | 25,000 |
| 2015 Ford Taurus (13) | PD-2021-002 | | | | 31,000 | | 31,000 |

| Source | Project # | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|---|--------------|----------------|------------------|----------------|----------------|----------------|------------------|
| 2016 Ford Police Interceptor SUV (15) | PD-2021-003 | | | | 36,000 | | 36,000 |
| 2017 Ford Police Interceptor SUV (1) | PD-2022-001 | | | | | 36,000 | 36,000 |
| 2017 Ford Police Interceptor SUV (6) | PD-2022-002 | | | | | 36,000 | 36,000 |
| 2017 Police ford Interceptor SUV (17) | PD-2022-003 | | | | | 36,000 | 36,000 |
| 2007 Chevy 2500 Pickup | PR-707-3434 | 30,000 | | | | | 30,000 |
| 1999 Chevy S10 | ST-2020- S10 | 31,000 | | | | | 31,000 |
| 2009 Ford F-250 | ST-209-0452 | 30,000 | | | | | 30,000 |
| 2009 Ford F-250 | ST-209-0453 | | 30,000 | | | | 30,000 |
| 2011 Ford F-250 | ST-211-8346 | | | 30,000 | | | 30,000 |
| 2011 Ford F-250 | ST-211-8347 | | | | | 39,000 | 39,000 |
| 2012 Ford F-250 | ST-212-8757 | | | | | 30,000 | 30,000 |
| 2006 Sterling Dump Truck | ST-305-6625 | | | 150,000 | | | 150,000 |
| 2000 Case 580 Super L Backhoe | ST-400-6393 | 30,000 | | | | | 30,000 |
| 2002 Caterpillar 938G Front End Loader | ST-402-1086 | 70,000 | | | | | 70,000 |
| 1991 Caterpillar 140G Motor Grader | ST-491-7720 | | 175,000 | | | | 175,000 |
| 2009 Toro 4100D Mower 10' | ST-709-0102 | | 45,000 | | | | 45,000 |
| 2011 Toro 5900 Mower 16' | ST-711-1598 | | | | 95,000 | | 95,000 |
| Transit Bus Share | Transit Bus | 16,200 | 16,600 | 17,000 | 17,600 | | 67,400 |
| Vehicle Equipment Replacement Fund Total | | 402,400 | 396,600 | 353,000 | 250,600 | 177,000 | 1,579,600 |
| Vehicle Trade In | | | | | | | |
| Building Inspection Truck Replacement | BI-2021-001 | | | 6,000 | | | 6,000 |
| 1999 Chevy S10 | ST-2020- S10 | 500 | | | | | 500 |
| Vehicle Trade In Total | | 500 | | 6,000 | | | 6,500 |
| Waste Water Fund | | | | | | | |
| 2000 Case 580 Super L Backhoe | ST-400-6393 | 30,000 | | | | | 30,000 |
| 2002 Caterpillar 938G Front End Loader | ST-402-1086 | 105,000 | | | | | 105,000 |
| Replacement of 2007 Chevy Colorado | WW-2018-001 | 25,000 | | | | | 25,000 |
| Replacement of 2001 Ford E-450 TV Van | WW-2019-001 | | 160,000 | | | | 160,000 |
| Replacement of 2009 Sterling Jet Vac Truck | WW-2020-001 | | | 300,000 | | | 300,000 |
| Replacement of 2011 JCB Utility Machine | WW-2021-001 | | | | 90,000 | | 90,000 |
| Waste Water Fund Total | | 160,000 | 160,000 | 300,000 | 90,000 | | 710,000 |
| Water Fund | | | | | | | |
| 2000 Case 580 Super L Backhoe | ST-400-6393 | 30,000 | | | | | 30,000 |
| Replacement of 1998 Chevy 2500 Pickup Truck | W-2018-002 | 40,000 | | | | | 40,000 |
| 2009 Wachs Valve Wrench | W-2018-003 | 25,000 | | | | | 25,000 |
| Well 5 Generator (200 kW) | W-2018-004 | 120,000 | | | | | 120,000 |
| Replacement of 2010 Ford F-150 Pickup Truck | W-2020-001 | | | 25,000 | | | 25,000 |
| Replacement of 2010 Ford F-150 Pickup Truck | W-2021-001 | | | | 25,000 | | 25,000 |
| Replacement of 2012 Ford F-150 Pickup Truck | W-2022-001 | | | | | 25,000 | 25,000 |
| Water Fund Total | | 215,000 | | 25,000 | 25,000 | 25,000 | 290,000 |
| GRAND TOTAL | | 777,900 | 1,211,850 | 684,000 | 365,600 | 342,000 | 3,381,350 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Building Inspections

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | BI-2021-001 |
| Project Name | Building Inspection Truck Replacement |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| This CEP item will replace the 2010 Ford Ranger BI-210-3062. This is a standard vehicle replacement. | |

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| Justification |
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| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 24,000 | | | 24,000 |
| Vehicle Trade In | | | 6,000 | | | 6,000 |
| Total | | | 30,000 | | | 30,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department City Facilities
Contact City Administrator
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---------------------------|
| Project # | F-2018-003 |
| Project Name | Election Equipment |

| | |
|-------------------------------|-------------------------------------|
| Description | Total Project Cost: \$87,200 |
| Upgrade of election equipment | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 87,200 | | | | | 87,200 |
| Total | 87,200 | | | | | 87,200 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 87,200 | | | | | 87,200 |
| Total | 87,200 | | | | | 87,200 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department City Facilities
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | F-2019-001 |
| Project Name | Facilities Division Truck Replacement |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replacement of 2009 Chevy 1500 pickup (FC-208-3533) for Facilities Division. | |

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|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 25,000 | | | | 25,000 |
| Total | | 25,000 | | | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 25,000 | | | | 25,000 |
| Total | | 25,000 | | | | 25,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department City Facilities
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | F-2021-001 |
| Project Name | Facilities Division Cargo Van Replacement |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$22,000 |
| Replacement of 2011 Ford Transit Van (FC-211-0843) for Facilities Division. | |

| |
|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 22,000 | | 22,000 |
| Total | | | | 22,000 | | 22,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 22,000 | | 22,000 |
| Total | | | | 22,000 | | 22,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Engineering Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | E-2020-001 |
| Project Name | Engineering Division Truck Replacement |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$24,000 |
| Replacement of 2010 Ford F-150 pickup (EN-210-5910) for Engineering Division. | |

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|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 24,000 | | | 24,000 |
| Total | | | 24,000 | | | 24,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 24,000 | | | 24,000 |
| Total | | | 24,000 | | | 24,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Engineering Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | E-2021-001 |
| Project Name | Engineering Division Truck Replacement |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$24,000 |
| Replacement of 2011 Ford F-150 pickup (EN-211-6989) for Engineering Division. | |

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|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 24,000 | | 24,000 |
| Total | | | | 24,000 | | 24,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 24,000 | | 24,000 |
| Total | | | | 24,000 | | 24,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Hiawathaland Transit
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--------------------------|
| Project # | Transit Bus |
| Project Name | Transit Bus Share |

| | |
|--|--------------------------------------|
| Description | Total Project Cost: \$111,400 |
| This allocation describes the City's share of the transit service. | |

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|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|---------------|---------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 16,200 | 16,600 | 17,000 | 16,800 | | 66,600 |
| Total | 16,200 | 16,600 | 17,000 | 16,800 | | 66,600 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|---------------|---------------|---------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 16,200 | 16,600 | 17,000 | 17,600 | | 67,400 |
| Total | 16,200 | 16,600 | 17,000 | 17,600 | | 67,400 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Northfield Area Fire & Rescu
Contact
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---------------------|
| Project # | F-2018-002 |
| Project Name | Pumper #8115 |

| | |
|-----------------------|--------------------------------------|
| Description | Total Project Cost: \$600,000 |
| Replace pumper truck. | |

| |
|---|
| Justification |
| Current truck is not reliable and past its useful life. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 600,000 | | | | 600,000 |
| Total | | 600,000 | | | | 600,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Bonded Dollars | | 432,000 | | | | 432,000 |
| Other | | 168,000 | | | | 168,000 |
| Total | | 600,000 | | | | 600,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2018-001 |
| Project Name | 2014 Ford Police Interceptor (3) |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacement of the 2014 Ford Police Interceptor (3) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2018-002 |
| Project Name | 2013 Ford Police Interceptor (8) |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacement of the 2013 Ford Police Interceptor (8) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|-----------------------------|
| Project # | PD-2018-003 |
| Project Name | 2010 Ford F-150 (10) |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacment of the 2010 Ford F-150 (10) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 36,000 | | | | | 36,000 |
| Total | 36,000 | | | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|-----------------------------|
| Project # | PD-2018-CAM |
| Project Name | Police Body Camera's |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$55,250 |
| Body Camera Systems and related Data Storage. 11 Watchguard body cameras, chargers, docking stations, and related software updates. | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 55,250 | | | | 55,250 |
| Total | | 55,250 | | | | 55,250 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| IT | | 55,250 | | | | 55,250 |
| Total | | 55,250 | | | | 55,250 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2019-001 |
| Project Name | 2013 Ford Police Interceptor (7) |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacement of the 2013 Ford Police Interceptor (7) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 36,000 | | | | 36,000 |
| Total | | 36,000 | | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 36,000 | | | | 36,000 |
| Total | | 36,000 | | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2019-002 |
| Project Name | 2014 Ford Police Interceptor SUV (4) |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacement of the 2014 Ford Police Interceptor SUV (4) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 36,000 | | | | 36,000 |
| Total | | 36,000 | | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 36,000 | | | | 36,000 |
| Total | | 36,000 | | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | PD-2019-003 |
| Project Name | 2012 Ford Police Interceptor (11) |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$33,000 |
| Replacement of the 2012 Ford Police Interceptor (11) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 33,000 | | | | 33,000 |
| Total | | 33,000 | | | | 33,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 33,000 | | | | 33,000 |
| Total | | 33,000 | | | | 33,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2020-001 |
| Project Name | 2016 Ford Police Interceptor SUV (2) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | PD-2020-002 |
| Project Name | Ford Police Interceptor SUV (5) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | PD-2020-003 |
| Project Name | Police Ford Interceptor SUV (9) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 36,000 | | | 36,000 |
| Total | | | 36,000 | | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--------------------------------------|
| Project # | PD-2021-001 |
| Project Name | 2015 Dodge Grand Caravan (12) |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replacement of the 2015 Dodge Grand Caravan (12) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------------|
| Project # | PD-2021-002 |
| Project Name | 2015 Ford Taurus (13) |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$31,000 |
| Replacement of the 2015 Ford Taurus (13) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 31,000 | | 31,000 |
| Total | | | | 31,000 | | 31,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 31,000 | | 31,000 |
| Total | | | | 31,000 | | 31,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | PD-2021-003 |
| Project Name | 2016 Ford Police Interceptor SUV (15) |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| Replacement of the 2016 Ford Police Interceptor SUV (15) | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 36,000 | | 36,000 |
| Total | | | | 36,000 | | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 36,000 | | 36,000 |
| Total | | | | 36,000 | | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact
Type Unassigned
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | PD-2022-001 |
| Project Name | 2017 Ford Police Interceptor SUV (1) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | | 36,000 | 36,000 |
| Total | | | | | 36,000 | 36,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | | 36,000 | 36,000 |
| Total | | | | | 36,000 | 36,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact
Type Unassigned
Useful Life
Category Unassigned

| | |
|---------------------|---|
| Project # | PD-2022-002 |
| Project Name | 2017 Ford Police Interceptor SUV (6) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 36,000 | 36,000 |
| Total | | | | | <u>36,000</u> | <u>36,000</u> |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Vehicle Equipment Replacement Fund | | | | | 36,000 | 36,000 |
| Total | | | | | <u>36,000</u> | <u>36,000</u> |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police
Contact
Type Unassigned
Useful Life
Category Unassigned

| | |
|---------------------|--|
| Project # | PD-2022-003 |
| Project Name | 2017 Police ford Interceptor SUV (17) |

| | |
|--------------------|-------------------------------------|
| Description | Total Project Cost: \$36,000 |
| | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 36,000 | 36,000 |
| Total | | | | | <u>36,000</u> | <u>36,000</u> |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Vehicle Equipment Replacement Fund | | | | | 36,000 | 36,000 |
| Total | | | | | <u>36,000</u> | <u>36,000</u> |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|-------------------------------|
| Project # | PR-707-3434 |
| Project Name | 2007 Chevy 2500 Pickup |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| Replacement of the 2007 Chevy 2500 Pickup | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

| | |
|---------------------|-----------------------|
| Project # | ST-2020- S10 |
| Project Name | 1999 Chevy S10 |

Description

Total Project Cost: \$31,500

The 1999 Chevy S10 will be replaced with a full size pickup.

Justification

Maintenance costs for this truck will increase if it is not replaced, causing a need to increase the maintenance budget of the street department. Also, the reliability of the vehicle will decrease, along with the availability.

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 31,500 | | | | | 31,500 |
| Total | 31,500 | | | | | 31,500 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 31,000 | | | | | 31,000 |
| Vehicle Trade In | 500 | | | | | 500 |
| Total | 31,500 | | | | | 31,500 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------|
| Project # | ST-209-0452 |
| Project Name | 2009 Ford F-250 |

| | |
|------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| Replacement of the 2009 Ford F-250 | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------|
| Project # | ST-209-0453 |
| Project Name | 2009 Ford F-250 |

| | |
|------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| Replacement of the 2009 Ford F-250 | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------|
| Project # | ST-211-8346 |
| Project Name | 2011 Ford F-250 |

| | |
|------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| Replacement of the 2011 Ford F-250 | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------|
| Project # | ST-211-8347 |
| Project Name | 2011 Ford F-250 |

| | |
|------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$39,000 |
| Replacement of the 2011 Ford F-250 | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | | 39,000 | 39,000 |
| Total | | | | | 39,000 | 39,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | | 39,000 | 39,000 |
| Total | | | | | 39,000 | 39,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------|
| Project # | ST-212-8757 |
| Project Name | 2012 Ford F-250 |

| | |
|------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$30,000 |
| Replacement of the 2012 Ford F-250 | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | | 30,000 | 30,000 |
| Total | | | | | 30,000 | 30,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | | 30,000 | 30,000 |
| Total | | | | | 30,000 | 30,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---------------------------------|
| Project # | ST-305-6625 |
| Project Name | 2006 Sterling Dump Truck |

| | |
|---|--------------------------------------|
| Description | Total Project Cost: \$150,000 |
| Replacement of the 2006 Sterling Dump Truck | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|------------------------------|
| Project # | ST-305-7758 |
| Project Name | 2006 Ford Water Truck |

| | |
|--|--------------------------------------|
| Description | Total Project Cost: \$140,000 |
| Replacement of the 2006 Ford Water Truck | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | | 140,000 | 140,000 |
| Total | | | | | 140,000 | 140,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Garbage Fund | | | | | 56,000 | 56,000 |
| Stormwater Fund | | | | | 84,000 | 84,000 |
| Total | | | | | 140,000 | 140,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project # ST-400-6393
Project Name 2000 Case 580 Super L Backhoe

Description **Total Project Cost:** \$90,000
 Replacement of the 2000 Case 580 Super L Backhoe

Justification
 The 2000 Case Backhoe, originally was slated for replacement in 2015, was pushed back to 2022 because of the light use and low hours. Per examination in 2016 of the undercarriage, there is extensive rusing of the hydraulic lines and hydraulic pumps. This is likely due to mixing of salt for winter ice removal operations. It is recommended this backhoe be replaced in 2018 to forego expensive maintenance associated with hydraulic line and pump replacement, which could easily exceed \$15,000, and take the backhoe out of operation for an extended period of time. Also with the City's increase in stormwater maintenance activities, this backhoe will need to be relied upon more heavily in the near future.

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 90,000 | | | | | 90,000 |
| Total | 90,000 | | | | | 90,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Vehicle Equipment Replacement Fund | 30,000 | | | | | 30,000 |
| Waste Water Fund | 30,000 | | | | | 30,000 |
| Water Fund | 30,000 | | | | | 30,000 |
| Total | 90,000 | | | | | 90,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project # ST-402-1086
Project Name 2002 Caterpillar 938G Front End Loader

Description **Total Project Cost: \$175,000**
 Replacement of the 2002 Caterpillar 938G Front End Loader

Justification

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 175,000 | | | | | 175,000 |
| Total | 175,000 | | | | | 175,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Vehicle Equipment Replacement Fund | 70,000 | | | | | 70,000 |
| Waste Water Fund | 105,000 | | | | | 105,000 |
| Total | 175,000 | | | | | 175,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 25 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | ST-491-7720 |
| Project Name | 1991 Caterpillar 140G Motor Grader |

| | |
|---|--------------------------------------|
| Description | Total Project Cost: \$175,000 |
| Replacement of the 1991 Caterpillar 140G Motor Grader | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 175,000 | | | | 175,000 |
| Total | | 175,000 | | | | 175,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 175,000 | | | | 175,000 |
| Total | | 175,000 | | | | 175,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|----------------------------------|
| Project # | ST-709-0102 |
| Project Name | 2009 Toro 4100D Mower 10' |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$45,000 |
| Replacement of the 2009 Toro 4100D Mower 10' | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 45,000 | | | | 45,000 |
| Total | | 45,000 | | | | 45,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | 45,000 | | | | 45,000 |
| Total | | 45,000 | | | | 45,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---------------------------------|
| Project # | ST-711-1598 |
| Project Name | 2011 Toro 5900 Mower 16' |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$95,000 |
| Replacement of the 2011 Toro 5900 Mower 16' | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 95,000 | | 95,000 |
| Total | | | | 95,000 | | 95,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Vehicle Equipment Replacement Fund | | | | 95,000 | | 95,000 |
| Total | | | | 95,000 | | 95,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | WW-2018-001 |
| Project Name | Replacement of 2007 Chevy Colorado |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replacement of 2007 Chevy Colorado pickup (WW-807-0000) for Wastewater Division. | |

| |
|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Waste Water Fund | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | WW-2019-001 |
| Project Name | Replacement of 2001 Ford E-450 TV Van |

| | |
|--|--------------------------------------|
| Description | Total Project Cost: \$160,000 |
| Replacement of 2001 Ford E-450 TV van (WW-201-3814) for Wastewater Division. | |

| |
|--|
| Justification |
| Benchmark for replacement of the TV is 10 years/100,000 miles. A major software and electronics upgrade was completed in 2009 to extend the life of this truck, thus pushing its lift to nearly 20 years. Vehicle is only used during the summer months. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 160,000 | | | | 160,000 |
| Total | | 160,000 | | | | 160,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Waste Water Fund | | 160,000 | | | | 160,000 |
| Total | | 160,000 | | | | 160,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|---|
| Project # | WW-2020-001 |
| Project Name | Replacement of 2009 Sterling Jet Vac Truck |

| | |
|---|--------------------------------------|
| Description | Total Project Cost: \$300,000 |
| Replacement of 2009 Sterling jet vac truck (WW-209-6669) for Wastewater Division. | |

| |
|---|
| Justification |
| Benchmark for replacement of the jet vac is 10 years. Vehicle is only primarily during non-winter months. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 300,000 | | | 300,000 |
| Total | | | 300,000 | | | 300,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Waste Water Fund | | | 300,000 | | | 300,000 |
| Total | | | 300,000 | | | 300,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | WW-2021-001 |
| Project Name | Replacement of 2011 JCB Utility Machine |

| | |
|--|-------------------------------------|
| Description | Total Project Cost: \$90,000 |
| Replacement of 2011 JCB utility machine (WW-511-6693) for Wastewater Division. | |

| |
|---|
| Justification |
| Benchmark for replacement of the utility machine is 10 years. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 90,000 | | 90,000 |
| Total | | | | 90,000 | | 90,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Waste Water Fund | | | | 90,000 | | 90,000 |
| Total | | | | 90,000 | | 90,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | W-2018-002 |
| Project Name | Replacement of 1998 Chevy 2500 Pickup Truck |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$40,000 |
| Replacement of 1998 Chevy 2500 pickup (WT-298-2389) for Water Division. A new plow will be purchased with this as well. | |

| |
|---|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. This truck has an extended life as it is used on a limited basis. It has a the plow, hoist, and valve wrench installed. Plow and hoist would also be replaced. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Water Fund | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--------------------------------|
| Project # | W-2018-003 |
| Project Name | 2009 Wachs Valve Wrench |

| | |
|--------------------------------------|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replace the 2009 Wachs Valve Wrench. | |

| |
|----------------------|
| Justification |
| |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Water Fund | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type New Infrastructure
Useful Life
Category Capital Equipment Plan (CEP)

| | |
|---------------------|----------------------------------|
| Project # | W-2018-004 |
| Project Name | Well 5 Generator (200 kW) |

| | |
|--|--------------------------------------|
| Description | Total Project Cost: \$120,000 |
| Purchase a new generator for well no. 05 that is a 200 kW. | |

| |
|--|
| Justification |
| The current portable generator at well no. 05 is used for both the wastewater lift station and well no 05. The well needs its own generator for proper functionality with the lift station being a higher priority than the well for the portable. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 120,000 | | | | | 120,000 |
| Total | 120,000 | | | | | 120,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Fund | 120,000 | | | | | 120,000 |
| Total | 120,000 | | | | | 120,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project # W-2020-001
Project Name Replacement of 2010 Ford F-150 Pickup Truck

Description **Total Project Cost:** \$25,000
 Replacement of 2010 Ford F-150 pickup (WT-210-8025) for Water Division.

Justification
 Benchmark for replacement of light trucks is 10 years/100,000 miles.

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | 25,000 | | | 25,000 |
| Total | | | 25,000 | | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Water Fund | | | 25,000 | | | 25,000 |
| Total | | | 25,000 | | | 25,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | W-2021-001 |
| Project Name | Replacement of 2010 Ford F-150 Pickup Truck |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replacement of 2010 Ford F-150 pickup (WT-210-5911) for Water Division. | |

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|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Water Fund | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

| | |
|---------------------|--|
| Project # | W-2022-001 |
| Project Name | Replacement of 2012 Ford F-150 Pickup Truck |

| | |
|---|-------------------------------------|
| Description | Total Project Cost: \$25,000 |
| Replacement of 2012 Ford F-150 pickup (WT-212-7042) for Water Division. | |

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|--|
| Justification |
| Benchmark for replacement of light trucks is 10 years/100,000 miles. |

| Expenditures | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | | | | 25,000 | 25,000 |
| Total | | | | | 25,000 | 25,000 |

| Funding Sources | 2018 | 2019 | 2020 | 2021 | 2022 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Water Fund | | | | | 25,000 | 25,000 |
| Total | | | | | 25,000 | 25,000 |