

CAPITAL IMPROVEMENT PLAN - PROJECT DESCRIPTION

| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|----------------------|--------------------------|-------------|--|------------------|
| | 2024 Street Patching | Preventative Maintenance | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Annual large street patch project for streets not identified in the 5-year capital improvement plan. | |
| Construction Fund | \$10,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$0.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$0.00 | | | | |
| Storm Water Utility | \$0.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | Project History | |
| Total Project Cost | \$10,000.00 | Project Length | | | |
| | | Miles | 0 | This improvement has been happening for quite a few years and has been successful in ridding areas of localized potholing. | |
| Justification | | | | | |
| Localized areas of large potholes are taken care of with this project with large patches within the street. This effectively helps the street to meet its effective lifespan while doing a fairly inexpensive maintenance project. | | | | | |
| Site Requirements | | | | Project Impact | |
| None. | | | | Local impacts to traffic only. | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | 2024 Street Striping | Maintenance | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Annual striping of all the streets in Brainerd. | |
| Construction Fund | \$15,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$0.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$0.00 | | | | |
| Storm Water Utility | \$0.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | Project Length | | Project History | |
| Total Project Cost | \$15,000.00 | Miles | 0 | | |
| | | | | This is an annual maintenance project to keep the line work up to date on streets. | |
| Justification | | | | | |
| Striping of the streets maintains the safety of the selected corridor by ensuring the marking are visible. | | | | | |
| Site Requirements | | | | Project Impact | |
| None | | | | Local impacts to traffic only. | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|--------------------------|--------------------------|-------------|--|------------------|
| | 2024 Crack Sealing | Preventative Maintenance | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Annual crack sealing of numerous streets in Brainerd. | |
| Construction Fund | \$25,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$0.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$0.00 | | | | |
| Storm Water Utility | \$0.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | Project History | |
| Total Project Cost | \$25,000.00 | Project Length | | | |
| | | Miles | 0 | Brainerd has had an aggressive crack sealing program for years. | |
| Justification | | | | | |
| Crack sealing effectively seals cracks in the streets, which is proven to prolong the life of pavements. | | | | | |
| Site Requirements | | | | Project Impact | |
| None. | | | | Local impacts to traffic only. | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Norway Court Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Norway Court from Crestview Lane to the end of the cul-de-sac. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$38,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$10,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$2,000.00 | | | | |
| Storm Water Utility | \$6,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | Project History | |
| Total Project Cost | \$46,000.00 | Project Length | | | |
| | | Miles | 0.06 | Street was last surfaced in 1976 and seal coated in 1987. Surfacing is 43 years old and has served its effective life. | |
| Justification | | | | | |
| Pavement score in 2018 is 1.93/4.0. Curb rating in 2018 is 3.0/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | | Project Impact | |
| None | | | | Local impacts to traffic is anticipated. No planned detour at this time. | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|------------------------------|-------------------------|--|--|------------------|
| | Hillcrest Drive Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Hillcrest Drive from Buffalo Hills Lane to the end cul-de-sac. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$50,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$13,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$4,000.00 | | | Project History | |
| Storm Water Utility | \$6,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | Project Length | | | |
| | | Miles | 0.08 | Street was last surfaced in 1992 and seal coated in 1999. Surfacing is 27 years old. This street is considered to be failing pre-maturely. Possibly due to higher traffic counts due to large apartment complexes in the area. | |
| Justification | | | | | |
| Pavement score in 2018 is 2.73/4.0. Curb rating in 2018 is 2.0/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts to traffic is anticipated. No planned detour at this time. | | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Belle Rae Circle Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Belle Rae Circle from Woodcrest Road to the end cul-de-sac. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$75,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$19,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$4,000.00 | | | Project History | |
| Storm Water Utility | \$2,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | Project Length | | | |
| | | Miles | 0.12 | Street was last surfaced in 1969 and seal coated in 1990. Surfacing is 50 years old and has served its effective life. | |
| Justification | | | | | |
| Pavement score in 2018 is 1.95/4.0. Curb rating in 2018 is 2.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts to traffic is anticipated. No planned detour at this time. | | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|----------------------------|-------------------------|-------------|--|------------------|
| | Carol Lane Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Carol Lane from Buffalo Hills Lane to the end of the cul-de-sac. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$75,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$19,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$4,000.00 | | | | |
| Storm Water Utility | \$4,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$83,000.00 | | | |
| Justification | | Project Length | | Project History | |
| Pavement rating in 2018 is a 1.9/4.0. Curb rating in 2018 is 2.0/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | Miles | 0.12 | Street was last surfaced in 1977 and seal coated in 1987. Street pavement is 42 years old and has served its effective life. | |
| Site Requirements | | Project Impact | | | |
| None | | | | Local traffic impacts anticipated during construction. No detour planned. | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Woodcrest Road Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Woodcrest Road from Graydon Avenue to the dead end. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$93,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$24,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$8,000.00 | | | | |
| Storm Water Utility | \$4,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$105,000.00 | | | |
| Justification | | Project Length | | Project History | |
| Pavement score in 2018 is 1.91/4.0. Curb rating in 2018 is 3.0/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | Miles | 0.15 | Street was last surfaced in 1969 and seal coated in 1990. Surfacing is 50 years old and has served its effective life. | |
| Site Requirements | | Project Impact | | | |
| None | | | | Local impacts to traffic is anticipated. No planned detour at this time. | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|----------------------------|-------------------------|--|--|------------------|
| | Pineview Drive Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Pineview Drive from Graydon Avenue to the dead end. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$106,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$27,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$6,000.00 | | | Project History Street was last surfaced in 1976 and seal coated in 1987. Surfacing is 43 years old and has served its effective life. | |
| Storm Water Utility | \$6,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$118,000.00 | Project Length | | |
| | | Miles | 0.17 | | |
| Justification | | | | | |
| Pvement score in 2018 is 1.86/4.0. Curb rating in 2018 is 2.50/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts to traffic is anticipated. No planned detour at this time. | | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Hawkins Drive Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Hawkins Drive between SW 4th Street to the dead end. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$130,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$33,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$6,000.00 | | | Project History Hawkins Drive was last surfaced in 1964 and seal coated in 1990. Pavement is 55 years old and has served is expected and effective life expectancy. | |
| Storm Water Utility | \$4,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$140,000.00 | Project Length | | |
| | | Miles | 0.21 | | |
| Justification | | | | | |
| Pavement score in 2018 is 1.98/4.0. Curb rating in 2018 is 2.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts to traffic is anticipated. No planned detour at this time. | | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|-------------------------|--------------------------|-------------|---|------------------|
| | 2024 Seal Coat | Preventative Maintenance | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Seal coat of numerous streets. | |
| Construction Fund | \$150,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$0.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$0.00 | | | | |
| Storm Water Utility | \$0.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | Project Length | | Project History | |
| Total Project Cost | \$150,000.00 | Miles | 0 | Brainerd has had an effective seal coat program for many years. | |
| Justification | | | | | |
| Seal coating is known to extend the life of a street be effectively sealing out moisture in the pavement. | | | | | |
| Site Requirements | | | | Project Impact | |
| None. | | | | Local impacts to traffic only. | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Linden Lane Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Linden Lane from S 6th Street to the end cul-de-sac. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, biutuminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$161,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$42,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$10,000.00 | | | | |
| Storm Water Utility | \$4,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | Project Length | | Project History | |
| Total Project Cost | \$175,000.00 | Miles | 0.26 | Street was last surfaced in 1959 and seal coated in 1997. Surfacing is 60 years old and has served its effective life expectancy. | |
| Justification | | | | | |
| Pavement score in 2018 is 2.29/4.0. Curb rating in 2018 is 1.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | | Project Impact | |
| None | | | | Local impacts to traffic is anticipated. No planned detour at this time. | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|----------------------------|-------------------------|-------------|---|------------------|
| | Crestview Lane Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Crestview Lane from Buffalo Hills Lane to Pineview Drive. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$161,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$42,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$10,000.00 | | | Project History | |
| Storm Water Utility | \$12,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$183,000.00 | | | |
| Justification | | | | | |
| Pavement score in 2018 is 1.86/4.0. Curb rating in 2018 is 2.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | | | | |
| Site Requirements | | | | Project Impact | |
| None | | | | Impacts to local traffic anticipated with construction. No detour planned. | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Spruce Drive Resurfacing | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Resurfacing of Spruce Drive from Buffalo Hills Lane to S 6th Street. Consists of removal and replacement of existing gravel and bituminous surfacing, spot repair of curb, bituminous and concrete driveway replacement, and restoration. | |
| Construction Fund | \$235,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$60,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$14,000.00 | | | Project History | |
| Storm Water Utility | \$22,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$271,000.00 | | | |
| Justification | | | | | |
| Pavement score in 2018 is 2.18/4.0. Curb rating in 2018 is 2.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. Spots in curb are in disrepair. | | | | | |
| Site Requirements | | | | Project Impact | |
| None | | | | Impacts to Brainerd Medical Center and other commercial businesses with rear access to Spruce Drive. Local impacts to residential properties anticipated. No planned detour at this time. | |

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| Project # | Project Name | Project Type | Department | Category | Improvement Year |
|--|---|-------------------------|--|--|------------------|
| | 2024 Sanitary Sewer Replacement Project | Utility | Engineering | Sanitary Sewer | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Sanitary sewer replacement project. Location to be determined. | |
| Construction Fund | \$0.00 | Original Construction | 2024 | | |
| Special Assessment | \$0.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$302,000.00 | | | | |
| Storm Water Utility | \$0.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$302,000.00 | | | |
| Justification | | Project Length | | Project History | |
| Sanitary sewer line determined to be aging and a frequent maintenance issue. | | Miles | 0 | | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts only. | | |
| Project # | Project Name | Project Type | Department | Category | Improvement Year |
| | Graydon Avenue Mill and Overlay | Pavement Reconstruction | Engineering | Street | 2024 |
| Estimated Cost | | Project Schedule | | Project Description | |
| Sources of Funding | | Design | 2023 | Mill and Overlay of Graydon Avenue from S 6th Street to Pineview Drive. Project consists of milling of the existing pavement 2" and overlay of new pavement to replace surface. | |
| Construction Fund | \$567,000.00 | Original Construction | 2024 | | |
| Special Assessment | \$179,000.00 | Current Construction | 2024 | | |
| Municipal State Aid | \$0.00 | | | | |
| Sanitary Sewer Fund | \$30,000.00 | | | | |
| Storm Water Utility | \$36,000.00 | | | | |
| Water Fund (BPU) | \$0.00 | | | | |
| Other | \$0.00 | | | | |
| Total Project Cost | | \$633,000.00 | | | |
| Justification | | Project Length | | Project History | |
| Pavement score in 2018 is 2.19/4.0. Curb rating in 2018 is 2.5/4.0. Surface is showing signs of failure through longitudinal and transverse cracks becoming cupped out, localized alligator cracks and potholes. | | Miles | 1.13 | Linden Lane to Birchridge Drive - Last surfaced in 1959. Birchridge Drive rto Birchridge Drive last surfaced in 1951. Woodcrest Road to Pineview Drive last surfaced in 1967. All streets sealed in 1997. Pavements range from 52 to 68 years old. | |
| Site Requirements | | | Project Impact | | |
| None | | | Local impacts to traffic is anticipated. No planned detour at this time. | | |