



STREET COMMITTEE AGENDA
301 S. 10th Street, Adel, IA 50003
Tuesday, February 4, 2020 at 6:00 p.m.

NEW BUSINESS

- a) December 3, 2019 Minutes
- b) Proposed HWY 169 Growth & Safety Projects
- c) Street Prioritization
- d) ADA Compliance Transition Plan and Coordinator

OTHER BUSINESS

ADJOURNMENT



December 3, 2019 Street Committee – Minutes

The City of Adel’s Street Committee met in the council chambers of Adel City Hall, 301 S. 10th Street, Adel, Iowa 50003 on December 3, 2019 at 6:00 p.m.

Christensen called the meeting to order at approximately 6:00 p.m. Members present: Christensen, Miller, and Selby. Others: Council Members McAdon and Ockerman, Public Works Director Overton, and McClure rep. Schug.

Miller motioned, seconded by Selby, to approve the October 1, 2019 minutes. Motion carried unanimously.

Discussion began on the proposed HWY 169 Growth & Safety Projects. Christensen stated that City staff will be meeting with the DOT next month. City staff will look to address any issues with the DOT that can move the project forward. McAdon noted that the City has three years to recover engineering costs.

Discussion moved to the HWY 6 Corridor Access Management Plan. Overton noted that the purpose of this agreement is to properly space out the intersections. Schug stated that he would provide the DOT with a modification regarding one intersection.

Selby moved, seconded by Miller, to recommend this plan to council pending McClure’s change. Motion carried unanimously.

Discussion moved to the prioritization of street projects. Overton stated that the HWY 169 project must be known before any other project can be determined due to funding. Schug stated that McClure reviewed two major reconstruction projects: sections of Rapids and sections of Court.

Several overlay projects were also identified. Overton stated that his overlay priorities would be 16th Street from Greene to Cedar and 14th Street from Penoch to Ann, and a section of Horse N Buggy.

Christensen proposed having a work session for the committee in February to review everything further. The funding component will be the main question. Schug noted that, for some streets, the City may want to wait until after the new elementary school has finished. Ockerman noted that the new Goal Setting priorities should also be reviewed.

Discussion moved to the proposed extension of 289th Place. Schug stated that, in Carlisle, each of the landowners needed to sign a development agreement to start the project. The goal is to get everyone on the same page and to guarantee the funding from the properties benefiting from the new road. Schug stated that McClure will prepare a cost estimate with a breakdown per landowner.

Discussion moved to the ADA Compliance Transition Plan and Coordinator. Christensen stated that the City needs to review this further. The committee will discuss it at its February workshop

With no other business, the meeting was adjourned at approximately 6:31 p.m.

Respectfully submitted,
Anthony Brown, City Administrator

City of Adel, Iowa

Project Cost Summary

HWY 169, Trail, Sidewalks, Underpass and Meadow Road

EXHIBIT 1

| Project Cost Summary | Trail, Sidewalks, Meadow Road | | | <u>Total</u> |
|-------------------------------------|-------------------------------|------------------|---------------|---------------------|
| | <u>HWY 169</u> | <u>Underpass</u> | <u>Paving</u> | |
| Construction Costs | 4,774,656.00 | 1,002,500.00 | 600,000.00 | 6,377,156.00 |
| Roundabouts | <u>455,344.00</u> | <u>0.00</u> | <u>0.00</u> | <u>455,344.00</u> |
| Project Total | 5,230,000.00 | 1,002,500.00 | 600,000.00 | 6,832,500.00 |
| Other Upfront Cash Funding Sources: | | | | |
| Less: IA DOT | (1,500,000.00) | 0.00 | 0.00 | (1,500,000.00) |
| Less: Developer Agreements | <u>(417,819.00)</u> | <u>0.00</u> | <u>0.00</u> | <u>(417,819.00)</u> |
| Net Project Total | 3,312,181.00 | 1,002,500.00 | 600,000.00 | 4,914,681.00 |
| Special Assessments % | 22% | 25% | 10% | 21% |
| Special Assessments Levied | 728,679.82 | 250,625.00 | 60,000.00 | 1,039,304.82 |

City of Adel, Iowa

Financial Planning for Capital Projects

Projection of G.O. Debt Capacity

EXHIBIT 2

| Valuation & Debt Limit Assumptions | |
|------------------------------------|--------|
| Valuation Growth | 1.50% |
| Legal Debt Limit | 5.00% |
| Self-Imposed Limit | 90.00% |

| Beginning Fiscal Year Payable | 100% Valuation | Gross Debt Limit | Effective Debt Limit | Existing G.O. Debt | TIF Rebate Agreements | Future Projects | Total G.O Debt Outstanding | Available Gross Capacity | Available Effective Capacity | Debt / Legal Limit |
|-------------------------------|----------------|------------------|----------------------|--------------------|-----------------------|-----------------|----------------------------|--------------------------|------------------------------|--------------------|
| 2016 - 2017 | 223,356,451 | 11,167,823 | 10,051,040 | 8,490,000 | 8,756 | | 8,498,756 | 2,669,067 | 1,552,284 | 76.10% |
| 2017 - 2018 | 229,744,186 | 11,487,209 | 10,338,488 | 9,610,000 | 7,846 | | 9,617,846 | 1,869,363 | 720,642 | 83.73% |
| 2018 - 2019 | 246,810,254 | 12,340,513 | 11,106,461 | 8,870,000 | 923 | | 8,870,923 | 3,469,590 | 2,235,538 | 71.88% |
| 2019 - 2020 | 254,803,884 | 12,740,194 | 11,466,175 | 8,145,000 | | | 8,145,000 | 4,595,194 | 3,321,175 | 63.93% |
| 2020 - 2021 | 265,333,062 | 13,266,653 | 11,939,988 | 7,395,000 | | 5,025,000 | 12,420,000 | 846,653 | (480,012) | 93.62% |
| 2021 - 2022 | 277,917,028 | 13,895,851 | 12,506,266 | 6,515,000 | | 5,025,000 | 11,540,000 | 2,355,851 | 966,266 | 83.05% |
| 2022 - 2023 | 292,036,484 | 14,601,824 | 13,141,642 | 5,830,000 | | 4,895,000 | 10,725,000 | 3,876,824 | 2,416,642 | 73.45% |
| 2023 - 2024 | 313,267,121 | 15,663,356 | 14,097,020 | 5,140,000 | | 4,730,000 | 9,870,000 | 5,793,356 | 4,227,020 | 63.01% |
| 2024 - 2025 | 345,557,158 | 17,277,858 | 15,550,072 | 4,435,000 | | 4,530,000 | 8,965,000 | 8,312,858 | 6,585,072 | 51.89% |
| 2025 - 2026 | 350,740,515 | 17,537,026 | 15,783,323 | 3,885,000 | | 4,325,000 | 8,210,000 | 9,327,026 | 7,573,323 | 46.82% |
| 2026 - 2027 | 356,001,623 | 17,800,081 | 16,020,073 | 3,370,000 | | 4,110,000 | 7,480,000 | 10,320,081 | 8,540,073 | 42.02% |
| 2027 - 2028 | 361,341,647 | 18,067,082 | 16,260,374 | 2,845,000 | | 3,885,000 | 6,730,000 | 11,337,082 | 9,530,374 | 37.25% |
| 2028 - 2029 | 366,761,772 | 18,338,089 | 16,504,280 | 2,310,000 | | 3,655,000 | 5,965,000 | 12,373,089 | 10,539,280 | 32.53% |
| 2029 - 2030 | 372,263,198 | 18,613,160 | 16,751,844 | 1,765,000 | | 3,415,000 | 5,180,000 | 13,433,160 | 11,571,844 | 27.83% |
| 2030 - 2031 | 377,847,146 | 18,892,357 | 17,003,122 | 1,205,000 | | 3,165,000 | 4,370,000 | 14,522,357 | 12,633,122 | 23.13% |
| 2031 - 2032 | 383,514,854 | 19,175,743 | 17,258,168 | 635,000 | | 2,905,000 | 3,540,000 | 15,635,743 | 13,718,168 | 18.46% |
| 2019 - 2020 | 254,803,884 | 12,740,194 | 11,466,175 | 7,395,000 | | 5,025,000 | 12,420,000 | 320,194 | (953,825) | 97.49% |

City of Adel, Iowa

Proposed General Obligation Bonds, Series 2020

EXHIBIT 3

| SOURCES & USES | |
|---|--------------|
| SOURCES | |
| Par Amount of Bonds | 5,025,000.00 |
| Accrued Interest | |
| Other Monies | |
| Total Sources | 5,025,000.00 |
| USES | |
| Construction Fund Deposit | 4,914,681.00 |
| Reserve Account Deposit | |
| Capitalized Interest Account Deposit | (0.00) |
| Municipal Bond Insurance | |
| Costs of Issuance | 33,000.00 |
| Underwriters' Discount (\$15.00 per bond) | 75,375.00 |
| Accrued Interest | |
| Rounding | 1,944.00 |
| Total Uses | 5,025,000.00 |
| ASSUMPTIONS | |
| Dated Date | 6/2/2020 |
| Delivery Date | 6/2/2020 |
| First Interest Date | 12/1/2020 |
| First Principal Date | 6/1/2022 |
| Last Principal Date | 6/1/2040 |
| YIELD CALCULATIONS | |
| Arbitrage Yield | 4.31836% |
| TIC | 4.48340% |
| AIC | 4.55678% |
| Average Life | 12.36 Years |

| Project Cost Summary | |
|-----------------------------|-------------|
| Highway 169 Improvement | \$5,230,000 |
| Trails/Sidewalks/Underpass | 1,002,500 |
| Meadow Road Paving | 600,000 |
| IA DOT HWY #169 monies | (1,500,000) |
| Developer Agreements | (417,819) |
| | \$4,914,681 |

| DEBT SERVICE SCHEDULE | | | | | |
|------------------------------|-----------|--------|-----------|--------------|---------------------|
| Date | Principal | Coupon | Interest | Debt Service | Annual Debt Service |
| 12/1/2020 | | | 104,849 | 104,849 | |
| 1.0 6/1/2021 | | | 105,435 | 105,435 | 210,284 |
| 12/1/2021 | | | 105,435 | 105,435 | |
| 2.0 6/1/2022 | 130,000 | 3.500% | 105,435 | 235,435 | 340,870 |
| 12/1/2022 | | | 103,160 | 103,160 | |
| 3.0 6/1/2023 | 165,000 | 3.550% | 103,160 | 268,160 | 371,320 |
| 12/1/2023 | | | 100,231 | 100,231 | |
| 4.0 6/1/2024 | 200,000 | 3.650% | 100,231 | 300,231 | 400,463 |
| 12/1/2024 | | | 96,581 | 96,581 | |
| 5.0 6/1/2025 | 205,000 | 3.700% | 96,581 | 301,581 | 398,163 |
| 12/1/2025 | | | 92,789 | 92,789 | |
| 6.0 6/1/2026 | 215,000 | 3.800% | 92,789 | 307,789 | 400,578 |
| 12/1/2026 | | | 88,704 | 88,704 | |
| 7.0 6/1/2027 | 225,000 | 3.850% | 88,704 | 313,704 | 402,408 |
| 12/1/2027 | | | 84,373 | 84,373 | |
| 8.0 6/1/2028 | 230,000 | 3.900% | 84,373 | 314,373 | 398,745 |
| 12/1/2028 | | | 79,888 | 79,888 | |
| 9.0 6/1/2029 | 240,000 | 4.000% | 79,888 | 319,888 | 399,775 |
| 12/1/2029 | | | 75,088 | 75,088 | |
| 10.0 6/1/2030 | 250,000 | 4.100% | 75,088 | 325,088 | 400,175 |
| 12/1/2030 | | | 69,963 | 69,963 | |
| 11.0 6/1/2031 | 260,000 | 4.150% | 69,963 | 329,963 | 399,925 |
| 12/1/2031 | | | 64,568 | 64,568 | |
| 12.0 6/1/2032 | 270,000 | 4.200% | 64,568 | 334,568 | 399,135 |
| 12/1/2032 | | | 58,898 | 58,898 | |
| 13.0 6/1/2033 | 285,000 | 4.250% | 58,898 | 343,898 | 402,795 |
| 12/1/2033 | | | 52,841 | 52,841 | |
| 14.0 6/1/2034 | 295,000 | 4.300% | 52,841 | 347,841 | 400,683 |
| 12/1/2034 | | | 46,499 | 46,499 | |
| 15.0 6/1/2035 | 305,000 | 4.350% | 46,499 | 351,499 | 397,998 |
| 12/1/2035 | | | 39,865 | 39,865 | |
| 16.0 6/1/2036 | 320,000 | 4.400% | 39,865 | 359,865 | 399,730 |
| 12/1/2036 | | | 32,825 | 32,825 | |
| 17.0 6/1/2037 | 335,000 | 4.500% | 32,825 | 367,825 | 400,650 |
| 12/1/2037 | | | 25,288 | 25,288 | |
| 18.0 6/1/2038 | 350,000 | 4.550% | 25,288 | 375,288 | 400,575 |
| 12/1/2038 | | | 17,325 | 17,325 | |
| 19.0 6/1/2039 | 365,000 | 4.600% | 17,325 | 382,325 | 399,650 |
| 12/1/2039 | | | 8,930 | 8,930 | |
| 20.0 6/1/2040 | 380,000 | 4.700% | 8,930 | 388,930 | 397,860 |
| 12/1/2040 | | | | | |
| | 5,025,000 | | 2,696,779 | 7,721,779 | 7,721,779 |

Scale : 12-1-18 MMD + 55bps credit + 100 bps timing

City of Adel, Iowa

Financial Planning for Capital Projects
 Projection of Tax Levies & Tax Rate Impact

EXHIBIT 4

20 Year Bonding - No TIF

| Tax Rate Impact Summary | |
|-------------------------|-----------|
| Tax Impact FY 19-20 | (0.00000) |
| Tax Impact FY 20-21 | 0.95025 |
| Tax Impact FY 21-22 | 0.00000 |
| Tax Impact FY 22-23 | 0.00000 |

Include ? 1

| Fiscal Year Payable | Total Tax Valuation | % Growth | Current Taxes Levied | Current Tax Rate/\$1,000 | Misc Adjust. | Abatement | State Reimb. | Total Revenues | Existing Debt Service | HWY #169 Project | Reserved | Fiscal Fees | Total Uses | Surplus (Deficit) | Beginning Balance | Ending Balance |
|---------------------|---------------------|----------|----------------------|--------------------------|--------------|-----------|--------------|----------------|-----------------------|------------------|----------|-------------|------------|-------------------|-------------------|----------------|
| 2016 - 2017 | 138,446,782 | 1.80% | 318,140 | 2.29792 | 15,759 | 668,390 | 9,019 | 1,011,307 | 983,530 | | | 3,500 | 987,030 | 24,277 | (4,229) | 20,047 |
| 2017 - 2018 | 144,251,180 | 4.19% | 330,477 | 2.29098 | 5,470 | 670,620 | 8,765 | 1,015,332 | 989,421 | | | 3,351 | 992,772 | 22,559 | 20,047 | 42,607 |
| 2018 - 2019 | 152,471,976 | 5.70% | 301,857 | 1.97975 | | 666,311 | | 968,168 | 965,668 | | | 2,500 | 968,168 | | 42,607 | 42,607 |
| 2019 - 2020 | 161,435,311 | 5.88% | 319,602 | 1.97975 | | 655,491 | | 975,093 | 971,593 | | | 3,500 | 975,093 | | 42,607 | 42,607 |
| 2020 - 2021 | 165,171,707 | 2.31% | 483,953 | 2.93000 | | 814,420 | | 1,298,373 | 1,081,580 | 210,284 | | 3,500 | 1,295,364 | 3,009 | 42,607 | 45,616 |
| 2021 - 2022 | 170,079,144 | 2.97% | 498,332 | 2.93000 | | 713,825 | | 1,212,157 | 863,220 | 340,870 | | 3,000 | 1,207,090 | 5,067 | 45,616 | 50,683 |
| 2022 - 2023 | 175,594,081 | 3.24% | 514,491 | 2.93000 | | 705,645 | | 1,220,136 | 849,915 | 371,320 | | 3,000 | 1,224,235 | (4,099) | 50,683 | 46,584 |
| 2023 - 2024 | 185,011,748 | 5.36% | 542,084 | 2.93000 | | 701,733 | | 1,243,817 | 845,878 | 400,463 | | 3,000 | 1,249,340 | (5,523) | 46,584 | 41,061 |
| 2024 - 2025 | 200,432,623 | 8.34% | 540,832 | 2.69832 | | 533,533 | | 1,074,365 | 673,703 | 398,163 | | 2,500 | 1,074,365 | | 41,061 | 41,061 |
| 2025 - 2026 | 200,933,705 | 0.25% | 492,472 | 2.45092 | | 533,533 | | 1,026,005 | 623,428 | 400,578 | | 2,000 | 1,026,005 | | 41,061 | 41,061 |
| 2026 - 2027 | 201,436,039 | 0.25% | 496,197 | 2.46330 | | 529,103 | | 1,025,300 | 620,893 | 402,408 | | 2,000 | 1,025,300 | | 41,061 | 41,061 |
| 2027 - 2028 | 201,939,629 | 0.25% | 493,675 | 2.44467 | | 524,143 | | 1,017,818 | 617,573 | 398,745 | | 1,500 | 1,017,818 | | 41,061 | 41,061 |
| 2028 - 2029 | 202,444,478 | 0.25% | 491,080 | 2.42575 | | 523,658 | | 1,014,738 | 613,463 | 399,775 | | 1,500 | 1,014,738 | | 41,061 | 41,061 |
| 2029 - 2030 | 202,950,589 | 0.25% | 492,710 | 2.42773 | | 522,493 | | 1,015,203 | 613,528 | 400,175 | | 1,500 | 1,015,203 | | 41,061 | 41,061 |
| 2030 - 2031 | 203,457,966 | 0.25% | 513,410 | 2.52342 | | 495,628 | | 1,009,038 | 607,613 | 399,925 | | 1,500 | 1,009,038 | | 41,061 | 41,061 |
| 2031 - 2032 | 203,966,611 | 0.25% | 512,970 | 2.51497 | | 542,903 | | 1,055,873 | 655,238 | 399,135 | | 1,500 | 1,055,873 | | 41,061 | 41,061 |

 Addition of estimated taxable valuation from abatement program per document from Anthony on 10/3/2016.

City of Adel, Iowa

Financial Planning for Capital Projects
 Projection of Tax Levies & Tax Rate Impact

EXHIBIT 5

20 Year Bonding - Includes TIF

| Tax Rate Impact Summary | |
|-------------------------|-----------|
| Tax Impact FY 19-20 | (0.00000) |
| Tax Impact FY 20-21 | 0.50025 |
| Tax Impact FY 21-22 | 0.00000 |
| Tax Impact FY 22-23 | 0.00000 |

Include ?

| Fiscal Year Payable | Total Tax Valuation | % Growth | Current Taxes Levied | Current Tax Rate/\$1,000 | Misc Adjust. | Abatement | State Reimb. | Total Revenues | Existing Debt Service | HWY #169 Project | Reserved | Fiscal Fees | Total Uses | Surplus (Deficit) | Beginning Balance | Ending Balance |
|---------------------|---------------------|----------|----------------------|--------------------------|--------------|-----------|--------------|----------------|-----------------------|------------------|----------|-------------|------------|-------------------|-------------------|----------------|
| 2016 - 2017 | 138,446,782 | 1.80% | 318,140 | 2.29792 | 15,759 | 668,390 | 9,019 | 1,011,307 | 983,530 | | | 3,500 | 987,030 | 24,277 | (4,229) | 20,047 |
| 2017 - 2018 | 144,251,180 | 4.19% | 330,477 | 2.29098 | 5,470 | 670,620 | 8,765 | 1,015,332 | 989,421 | | | 3,351 | 992,772 | 22,559 | 20,047 | 42,607 |
| 2018 - 2019 | 152,471,976 | 5.70% | 301,857 | 1.97975 | | 666,311 | | 968,168 | 965,668 | | | 2,500 | 968,168 | | 42,607 | 42,607 |
| 2019 - 2020 | 161,435,311 | 5.88% | 319,602 | 1.97975 | | 655,491 | | 975,093 | 971,593 | | | 3,500 | 975,093 | | 42,607 | 42,607 |
| 2020 - 2021 | 165,171,707 | 2.31% | 409,626 | 2.48000 | | 887,420 | | 1,297,046 | 1,081,580 | 210,284 | | 3,500 | 1,295,364 | 1,682 | 42,607 | 44,288 |
| 2021 - 2022 | 170,079,144 | 2.97% | 421,796 | 2.48000 | | 786,825 | | 1,208,622 | 863,220 | 340,870 | | 3,000 | 1,207,090 | 1,532 | 44,288 | 45,820 |
| 2022 - 2023 | 175,594,081 | 3.24% | 435,473 | 2.48000 | | 788,645 | | 1,224,119 | 849,915 | 371,320 | | 3,000 | 1,224,235 | (116) | 45,820 | 45,703 |
| 2023 - 2024 | 185,011,748 | 5.36% | 458,829 | 2.48000 | | 789,733 | | 1,248,562 | 845,878 | 400,463 | | 3,000 | 1,249,340 | (778) | 45,703 | 44,925 |
| 2024 - 2025 | 200,432,623 | 8.34% | 467,832 | 2.33411 | | 606,533 | | 1,074,365 | 673,703 | 398,163 | | 2,500 | 1,074,365 | | 44,925 | 44,925 |
| 2025 - 2026 | 200,933,705 | 0.25% | 419,472 | 2.08762 | | 606,533 | | 1,026,005 | 623,428 | 400,578 | | 2,000 | 1,026,005 | | 44,925 | 44,925 |
| 2026 - 2027 | 201,436,039 | 0.25% | 423,197 | 2.10090 | | 602,103 | | 1,025,300 | 620,893 | 402,408 | | 2,000 | 1,025,300 | | 44,925 | 44,925 |
| 2027 - 2028 | 201,939,629 | 0.25% | 420,675 | 2.08317 | | 597,143 | | 1,017,818 | 617,573 | 398,745 | | 1,500 | 1,017,818 | | 44,925 | 44,925 |
| 2028 - 2029 | 202,444,478 | 0.25% | 418,080 | 2.06516 | | 596,658 | | 1,014,738 | 613,463 | 399,775 | | 1,500 | 1,014,738 | | 44,925 | 44,925 |
| 2029 - 2030 | 202,950,589 | 0.25% | 419,710 | 2.06804 | | 595,493 | | 1,015,203 | 613,528 | 400,175 | | 1,500 | 1,015,203 | | 44,925 | 44,925 |
| 2030 - 2031 | 203,457,966 | 0.25% | 440,410 | 2.16462 | | 568,628 | | 1,009,038 | 607,613 | 399,925 | | 1,500 | 1,009,038 | | 44,925 | 44,925 |
| 2031 - 2032 | 203,966,611 | 0.25% | 439,970 | 2.15707 | | 615,903 | | 1,055,873 | 655,238 | 399,135 | | 1,500 | 1,055,873 | | 44,925 | 44,925 |

Addition of estimated taxable valuation from abatement program per document from Anthony on 10/3/2016.

City of Adel, Iowa

Financial Planning for Capital Projects
 Projection of Tax Levies & Tax Rate Impact

EXHIBIT 6

15 Year Bonding - No TIF

| Tax Rate Impact Summary | |
|-------------------------|-----------|
| Tax Impact FY 19-20 | (0.00000) |
| Tax Impact FY 20-21 | 1.36025 |
| Tax Impact FY 21-22 | 0.00000 |
| Tax Impact FY 22-23 | 0.00000 |

Include ? 1

| Fiscal Year Payable | Total Tax Valuation | % Growth | Current Taxes Levied | Current Tax Rate/\$1,000 | Misc Adjust. | Abatement | State Reimb. | Total Revenues | Existing Debt Service | HWY #169 Project | Reserved | Fiscal Fees | Total Uses | Surplus (Deficit) | Beginning Balance | Ending Balance |
|---------------------|---------------------|----------|----------------------|--------------------------|--------------|-----------|--------------|----------------|-----------------------|------------------|----------|-------------|------------|-------------------|-------------------|----------------|
| 2016 - 2017 | 138,446,782 | 1.80% | 318,140 | 2.29792 | 15,759 | 668,390 | 9,019 | 1,011,307 | 983,530 | | | 3,500 | 987,030 | 24,277 | (4,229) | 20,047 |
| 2017 - 2018 | 144,251,180 | 4.19% | 330,477 | 2.29098 | 5,470 | 670,620 | 8,765 | 1,015,332 | 989,421 | | | 3,351 | 992,772 | 22,559 | 20,047 | 42,607 |
| 2018 - 2019 | 152,471,976 | 5.70% | 301,857 | 1.97975 | | 666,311 | | 968,168 | 965,668 | | | 2,500 | 968,168 | | 42,607 | 42,607 |
| 2019 - 2020 | 161,435,311 | 5.88% | 319,602 | 1.97975 | | 655,491 | | 975,093 | 971,593 | | | 3,500 | 975,093 | | 42,607 | 42,607 |
| 2020 - 2021 | 165,171,707 | 2.31% | 551,674 | 3.34000 | | 814,420 | | 1,366,094 | 1,081,580 | 250,170 | | 3,500 | 1,335,250 | 30,844 | 42,607 | 73,450 |
| 2021 - 2022 | 170,079,144 | 2.97% | 568,064 | 3.34000 | | 731,147 | | 1,299,211 | 863,220 | 424,028 | | 3,000 | 1,290,248 | 8,964 | 73,450 | 82,414 |
| 2022 - 2023 | 175,594,081 | 3.24% | 586,484 | 3.34000 | | 722,967 | | 1,309,451 | 849,915 | 451,153 | | 3,000 | 1,304,068 | 5,384 | 82,414 | 87,798 |
| 2023 - 2024 | 185,011,748 | 5.36% | 617,939 | 3.34000 | | 719,054 | | 1,336,994 | 845,878 | 481,923 | | 3,000 | 1,330,800 | 6,194 | 87,798 | 93,992 |
| 2024 - 2025 | 200,432,623 | 8.34% | 606,321 | 3.02506 | | 550,854 | | 1,157,175 | 673,703 | 480,973 | | 2,500 | 1,157,175 | | 93,992 | 93,992 |
| 2025 - 2026 | 200,933,705 | 0.25% | 559,076 | 2.78239 | | 550,854 | | 1,109,930 | 623,428 | 484,503 | | 2,000 | 1,109,930 | | 93,992 | 93,992 |
| 2026 - 2027 | 201,436,039 | 0.25% | 558,621 | 2.77319 | | 546,424 | | 1,105,045 | 620,893 | 482,153 | | 2,000 | 1,105,045 | | 93,992 | 93,992 |
| 2027 - 2028 | 201,939,629 | 0.25% | 561,863 | 2.78233 | | 541,464 | | 1,103,328 | 617,573 | 484,255 | | 1,500 | 1,103,328 | | 93,992 | 93,992 |
| 2028 - 2029 | 202,444,478 | 0.25% | 554,588 | 2.73946 | | 540,979 | | 1,095,568 | 613,463 | 480,605 | | 1,500 | 1,095,568 | | 93,992 | 93,992 |
| 2029 - 2030 | 202,950,589 | 0.25% | 556,418 | 2.74164 | | 539,814 | | 1,096,233 | 613,528 | 481,205 | | 1,500 | 1,096,233 | | 93,992 | 93,992 |
| 2030 - 2031 | 203,457,966 | 0.25% | 576,993 | 2.83593 | | 512,949 | | 1,089,943 | 607,613 | 480,830 | | 1,500 | 1,089,943 | | 93,992 | 93,992 |
| 2031 - 2032 | 203,966,611 | 0.25% | 581,158 | 2.84928 | | 560,224 | | 1,141,383 | 655,238 | 484,645 | | 1,500 | 1,141,383 | | 93,992 | 93,992 |

 Addition of estimated taxable valuation from abatement program per document from Anthony on 10/3/2016.

City of Adel, Iowa

Financial Planning for Capital Projects
 Projection of Tax Levies & Tax Rate Impact

EXHIBIT 7

15 Year Bonding - Includes TIF

| Tax Rate Impact Summary | |
|-------------------------|-----------|
| Tax Impact FY 19-20 | (0.00000) |
| Tax Impact FY 20-21 | 0.91025 |
| Tax Impact FY 21-22 | 0.00000 |
| Tax Impact FY 22-23 | 0.00000 |

Include ?

| Fiscal Year Payable | Total Tax Valuation | % Growth | Current Taxes Levied | Current Tax Rate/\$1,000 | Misc Adjust. | Abatement | State Reimb. | Total Revenues | Existing Debt Service | HWY #169 Project | Reserved | Fiscal Fees | Total Uses | Surplus (Deficit) | Beginning Balance | Ending Balance |
|---------------------|---------------------|----------|----------------------|--------------------------|--------------|-----------|--------------|----------------|-----------------------|------------------|----------|-------------|------------|-------------------|-------------------|----------------|
| 2016 - 2017 | 138,446,782 | 1.80% | 318,140 | 2.29792 | 15,759 | 668,390 | 9,019 | 1,011,307 | 983,530 | | | 3,500 | 987,030 | 24,277 | (4,229) | 20,047 |
| 2017 - 2018 | 144,251,180 | 4.19% | 330,477 | 2.29098 | 5,470 | 670,620 | 8,765 | 1,015,332 | 989,421 | | | 3,351 | 992,772 | 22,559 | 20,047 | 42,607 |
| 2018 - 2019 | 152,471,976 | 5.70% | 301,857 | 1.97975 | | 666,311 | | 968,168 | 965,668 | | | 2,500 | 968,168 | | 42,607 | 42,607 |
| 2019 - 2020 | 161,435,311 | 5.88% | 319,602 | 1.97975 | | 655,491 | | 975,093 | 971,593 | | | 3,500 | 975,093 | | 42,607 | 42,607 |
| 2020 - 2021 | 165,171,707 | 2.31% | 477,346 | 2.89000 | | 887,420 | | 1,364,766 | 1,081,580 | 250,170 | | 3,500 | 1,335,250 | 29,516 | 42,607 | 72,123 |
| 2021 - 2022 | 170,079,144 | 2.97% | 491,529 | 2.89000 | | 804,147 | | 1,295,676 | 863,220 | 424,028 | | 3,000 | 1,290,248 | 5,428 | 72,123 | 77,551 |
| 2022 - 2023 | 175,594,081 | 3.24% | 507,467 | 2.89000 | | 805,967 | | 1,313,434 | 849,915 | 451,153 | | 3,000 | 1,304,068 | 9,366 | 77,551 | 86,918 |
| 2023 - 2024 | 185,011,748 | 5.36% | 534,684 | 2.89000 | | 807,054 | | 1,341,738 | 845,878 | 481,923 | | 3,000 | 1,330,800 | 10,938 | 86,918 | 97,856 |
| 2024 - 2025 | 200,432,623 | 8.34% | 533,321 | 2.66085 | | 623,854 | | 1,157,175 | 673,703 | 480,973 | | 2,500 | 1,157,175 | | 97,856 | 97,856 |
| 2025 - 2026 | 200,933,705 | 0.25% | 486,076 | 2.41908 | | 623,854 | | 1,109,930 | 623,428 | 484,503 | | 2,000 | 1,109,930 | | 97,856 | 97,856 |
| 2026 - 2027 | 201,436,039 | 0.25% | 485,621 | 2.41079 | | 619,424 | | 1,105,045 | 620,893 | 482,153 | | 2,000 | 1,105,045 | | 97,856 | 97,856 |
| 2027 - 2028 | 201,939,629 | 0.25% | 488,863 | 2.42084 | | 614,464 | | 1,103,328 | 617,573 | 484,255 | | 1,500 | 1,103,328 | | 97,856 | 97,856 |
| 2028 - 2029 | 202,444,478 | 0.25% | 481,588 | 2.37886 | | 613,979 | | 1,095,568 | 613,463 | 480,605 | | 1,500 | 1,095,568 | | 97,856 | 97,856 |
| 2029 - 2030 | 202,950,589 | 0.25% | 483,418 | 2.38195 | | 612,814 | | 1,096,233 | 613,528 | 481,205 | | 1,500 | 1,096,233 | | 97,856 | 97,856 |
| 2030 - 2031 | 203,457,966 | 0.25% | 503,993 | 2.47714 | | 585,949 | | 1,089,943 | 607,613 | 480,830 | | 1,500 | 1,089,943 | | 97,856 | 97,856 |
| 2031 - 2032 | 203,966,611 | 0.25% | 508,158 | 2.49138 | | 633,224 | | 1,141,383 | 655,238 | 484,645 | | 1,500 | 1,141,383 | | 97,856 | 97,856 |

Addition of estimated taxable valuation from abatement program per document from Anthony on 10/3/2016.

City of Adel, Iowa

Financial Planning for Capital Projects

Projection of G.O. Debt Capacity

EXHIBIT 2

| Valuation & Debt Limit Assumptions | |
|------------------------------------|--------|
| Valuation Growth | 1.50% |
| Legal Debt Limit | 5.00% |
| Self-Imposed Limit | 90.00% |

| Beginning Fiscal Year Payable | 100% Valuation | Gross Debt Limit | Effective Debt Limit | TIF | | | | | | | Total G.O Debt Outstanding | Available Gross Capacity | Available Effective Capacity | Debt / Legal Limit |
|-------------------------------|----------------|------------------|----------------------|--------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------|--------------------------|------------------------------|--------------------|
| | | | | Existing G.O. Debt | Rebate Agreements | Future Projects | Future Projects | Future Projects | Future Projects | Future Projects | | | | |
| 2011 - 2012 | 213,986,287 | 10,699,314 | 9,629,383 | 7,640,000 | 52,681 | | | | | | 7,692,681 | 3,006,633 | 1,936,702 | 71.90% |
| 2012 - 2013 | 215,727,011 | 10,786,351 | 9,707,715 | 7,165,000 | 25,532 | | | | | | 7,190,532 | 3,595,818 | 2,517,183 | 66.66% |
| 2013 - 2014 | 215,646,475 | 10,782,324 | 9,704,091 | 10,095,000 | 3,000 | | | | | | 10,098,000 | 684,324 | (393,909) | 93.65% |
| 2014 - 2015 | 216,462,692 | 10,823,135 | 9,740,821 | 9,450,000 | 10,679 | | | | | | 9,460,679 | 1,362,456 | 280,142 | 87.41% |
| 2015 - 2016 | 218,567,290 | 10,928,365 | 9,835,528 | 9,220,000 | 12,512 | | | | | | 9,232,512 | 1,695,853 | 603,016 | 84.48% |
| 2016 - 2017 | 223,356,451 | 11,167,823 | 10,051,040 | 8,490,000 | 3,000 | | | | | | 8,493,000 | 2,674,823 | 1,558,040 | 76.05% |
| 2017 - 2018 | 229,744,186 | 11,487,209 | 10,338,488 | 9,610,000 | 6,362 | | | | | | 9,616,362 | 1,870,847 | 722,126 | 83.71% |
| 2018 - 2019 | 246,810,254 | 12,340,513 | 11,106,461 | 8,870,000 | 11,643 | | | | | | 8,881,643 | 3,458,870 | 2,224,818 | 71.97% |
| 2019 - 2020 | 254,803,884 | 12,740,194 | 11,466,175 | 8,145,000 | 6,923 | | | | | | 8,151,923 | 4,588,271 | 3,314,252 | 63.99% |
| 2020 - 2021 | 265,333,062 | 13,266,653 | 11,939,988 | 7,395,000 | 6,000 | 5,025,000 | | | | | 12,426,000 | 840,653 | (486,012) | 93.66% |
| 2021 - 2022 | 277,917,028 | 13,895,851 | 12,506,266 | 6,515,000 | 6,000 | 5,025,000 | | | | | 11,546,000 | 2,349,851 | 960,266 | 83.09% |
| 2022 - 2023 | 292,036,484 | 14,601,824 | 13,141,642 | 5,830,000 | | 4,895,000 | 2,000,000 | | | | 12,725,000 | 1,876,824 | 416,642 | 87.15% |
| 2023 - 2024 | 313,267,121 | 15,663,356 | 14,097,020 | 5,140,000 | | 4,730,000 | 1,865,000 | | | | 11,735,000 | 3,928,356 | 2,362,020 | 74.92% |
| 2024 - 2025 | 345,557,158 | 17,277,858 | 15,550,072 | 4,435,000 | | 4,530,000 | 1,725,000 | 4,000,000 | | | 14,690,000 | 2,587,858 | 860,072 | 85.02% |
| 2025 - 2026 | 350,740,515 | 17,537,026 | 15,783,323 | 3,885,000 | | 4,325,000 | 1,580,000 | 3,730,000 | | | 13,520,000 | 4,017,026 | 2,263,323 | 77.09% |
| 2026 - 2027 | 356,001,623 | 17,800,081 | 16,020,073 | 3,370,000 | | 4,110,000 | 1,430,000 | 3,450,000 | 3,600,000 | | 15,960,000 | 1,840,081 | 60,073 | 89.66% |
| 2027 - 2028 | 361,341,647 | 18,067,082 | 16,260,374 | 2,845,000 | | 3,885,000 | 1,275,000 | 3,160,000 | 3,357,000 | | 14,522,000 | 3,545,082 | 1,738,374 | 80.38% |
| 2028 - 2029 | 366,761,772 | 18,338,089 | 16,504,280 | 2,310,000 | | 3,655,000 | 1,115,000 | 2,860,000 | 3,105,000 | 3,600,000 | 16,645,000 | 1,693,089 | (140,720) | 90.77% |
| 2029 - 2030 | 372,263,198 | 18,613,160 | 16,751,844 | 1,765,000 | | 3,415,000 | 945,000 | 2,550,000 | 2,844,000 | 3,357,000 | 14,876,000 | 3,737,160 | 1,875,844 | 79.92% |
| 2030 - 2031 | 377,847,146 | 18,892,357 | 17,003,122 | 1,205,000 | | 3,165,000 | 770,000 | 2,230,000 | 2,574,000 | 2,844,000 | 12,788,000 | 6,104,357 | 4,215,122 | 67.69% |
| 2031 - 2032 | 383,514,854 | 19,175,743 | 17,258,168 | 635,000 | | 2,905,000 | 590,000 | 1,890,000 | 2,295,000 | 2,295,000 | 10,610,000 | 8,565,743 | 6,648,168 | 55.33% |
| 2019 - 2020 | 254,803,884 | 12,740,194 | 11,466,175 | 7,395,000 | | 5,025,000 | | | | | 12,420,000 | 320,194 | (953,825) | 97.49% |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

2020 to 2025 Streets Capital Improvements Plan - Reconstruction

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

| Item No. | Item | Unit | Unit Price | Rapids St - N 9th to N 15th | | Court St. - N 10th to N 15th | |
|--|--|------|--------------|-----------------------------|----------------|------------------------------|----------------|
| | | | | Quantity | Estimated Cost | Quantity | Estimated Cost |
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | | |
| 1.1 | UNCHARTED UTILITIES CROSSING | EA | \$ 500.00 | 5 | \$ 2,500.00 | 5 | \$ 2,500.00 |
| 1.2 | UNCHARTED UTILITIES PARALLEL | LF | \$ 20.00 | 2 | \$ 40.00 | 2 | \$ 40.00 |
| DIVISION 2 - EARTHWORK | | | | | | | |
| 2.1 | CLEARING AND GRUBBING | LS | \$ 7,500.00 | 0 | \$ - | 0 | \$ - |
| 2.2 | TOPSOIL, ON-SITE | CY | \$ 10.00 | 0 | \$ - | 0 | \$ - |
| 2.3 | EXCAVATION, CLASS 10, WASTE | CY | \$ 25.00 | 0 | \$ - | 0 | \$ - |
| 2.4 | SUBGRADE PREPARATION | SY | \$ 5.00 | 7850 | \$ 39,250.00 | 6000 | \$ 30,000.00 |
| 2.5 | SUBBASE, MODIFIED SUBBASE, 6 IN. | SY | \$ 8.00 | 7850 | \$ 62,800.00 | 6000 | \$ 48,000.00 |
| 2.6 | FILLING AND PLUGGING PIPE, WATER MAIN | LF | \$ 10.00 | 0 | \$ - | 0 | \$ - |
| 2.7 | COMPACTION TESTING | LS | \$ 5,000.00 | 1 | \$ 5,000.00 | 1 | \$ 5,000.00 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | | |
| 3.1 | TRENCH FOUNDATION | TON | \$ 20.00 | 0 | \$ - | 0 | \$ - |
| 3.2 | TRENCH COMPACTION TESTING | LS | \$ 5,000.00 | 0 | \$ - | 0 | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | | |
| 4.1 | SANITARY SEWER, TRENCHED, PVC, 8 IN. | LF | \$ 70.00 | 2200 | \$ 154,000.00 | 650 | \$ 45,500.00 |
| 4.2 | SANITARY SEWER, TRENCHED, PVC, PS115, 18 IN. | LF | \$ 115.00 | 0 | \$ - | 1150 | \$ 132,250.00 |
| 4.3 | SANITARY SEWER, TRENCHED, PVC, PS115, 24 IN. | LF | \$ 125.00 | 0 | \$ - | 0 | \$ - |
| 4.4 | SANITARY SEWER, TRENCHED, PVC, C905 DR25, 24 IN. | LF | \$ 140.00 | 0 | \$ - | 0 | \$ - |
| 4.5 | SANITARY SEWER SERVICE STUB, 4 IN. | EA | \$ 3,500.00 | 34 | \$ 119,000.00 | 25 | \$ 87,500.00 |
| 4.6 | SANITARY SEWER ABANDONMENT, FILL AND PLUG | LF | \$ 15.00 | 0 | \$ - | 0 | \$ - |
| 4.7 | STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN. | LF | \$ 75.00 | 0 | \$ - | 0 | \$ - |
| 4.8 | STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN. | LF | \$ 80.00 | 0 | \$ - | 0 | \$ - |
| 4.9 | STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN. | LF | \$ 100.00 | 2200 | \$ 220,000.00 | 1800 | \$ 180,000.00 |
| 4.10 | STORM SEWER, TRENCHED, RCP, CLASS III, 30 IN. | LF | \$ 125.00 | 0 | \$ - | 0 | \$ - |
| 4.11 | REMOVAL OF STORM SEWER, LESS THAN 36 IN. DIA | LF | \$ 25.00 | 0 | \$ - | 0 | \$ - |
| 4.12 | SUBDRAIN, LONGITUDINAL, 6 IN. | LF | \$ 15.00 | 4400 | \$ 66,000.00 | 3600 | \$ 54,000.00 |
| 4.13 | SUBDRAIN, LONGITUDINAL, TRENCHLESS, 6 IN. | LF | \$ 100.00 | 0 | \$ - | 0 | \$ - |
| 4.14 | SUBDRAIN CLEANOUTS | EA | \$ 1,000.00 | 0 | \$ - | 0 | \$ - |
| 4.16 | SUBDRAIN OUTLETS | EA | \$ 500.00 | 0 | \$ - | 0 | \$ - |
| 4.16 | STORM SEWER SERVICE STUB, 4 IN. | EA | \$ 500.00 | 0 | \$ - | 0 | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | | |
| 5.1 | WATER MAIN, TRENCHED, PVC, 4 IN. | LF | \$ 50.00 | 1835 | \$ 91,750.00 | 0 | \$ - |
| 5.2 | WATER MAIN, TRENCHED, PVC, 6 IN. | LF | \$ 55.00 | 0 | \$ - | 0 | \$ - |
| 5.3 | WATER MAIN, TRENCHED, PVC, 8 IN. | LF | \$ 60.00 | 400 | \$ 24,000.00 | 0 | \$ - |
| 5.4 | WATER MAIN FITTINGS | LB | \$ 8.00 | 415 | \$ 3,320.00 | 0 | \$ - |
| 5.5 | WATER SERVICE STUB, COPPER, 2 IN. DIA. AND SMALLER | EA | \$ 1,500.00 | 36 | \$ 54,000.00 | 0 | \$ - |
| 5.6 | VALVE, GATE, 4 IN. DIA. | EA | \$ 1,000.00 | 1 | \$ 1,000.00 | 0 | \$ - |
| 5.7 | VALVE, GATE, 6 IN. DIA. | EA | \$ 1,500.00 | 0 | \$ - | 0 | \$ - |
| 5.8 | VALVE, GATE, 8 IN. DIA. | EA | \$ 2,000.00 | 10 | \$ 20,000.00 | 0 | \$ - |
| 5.9 | TAPPING VALVE ASSEMBLY, 4 IN. | EA | \$ 2,000.00 | 36 | \$ 72,000.00 | 0 | \$ - |
| 5.10 | TAPPING VALVE ASSEMBLY, 6 IN. | EA | \$ 2,500.00 | 0 | \$ - | 0 | \$ - |
| 5.11 | FIRE HYDRANT ASSEMBLY | EA | \$ 5,000.00 | 6 | \$ 30,000.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | | |
| 6.1 | MANHOLE, SANITARY SEWER, SW-301, 48 IN. | EA | \$ 5,500.00 | 7 | \$ 38,500.00 | 4 | \$ 22,000.00 |
| 6.2 | MANHOLE, SANITARY SEWER, SW-301, 60 IN. | EA | \$ 7,500.00 | 0 | \$ - | 0 | \$ - |
| 6.3 | MANHOLE, STORM SEWER, SW-402, 4' x 4' | EA | \$ 5,500.00 | 0 | \$ - | 0 | \$ - |
| 6.4 | INTAKE, STORM SEWER, SINGLE GRATE, SW-501 | EA | \$ 3,000.00 | 10 | \$ 30,000.00 | 8 | \$ 24,000.00 |
| 6.5 | INTAKE, STORM SEWER, SINGLE GRATE, SW-502, 60 IN. | EA | \$ 3,500.00 | 0 | \$ - | 0 | \$ - |
| 6.6 | INTAKE, STORM SEWER, SINGLE GRATE, SW-503 | EA | \$ 3,000.00 | 0 | \$ - | 0 | \$ - |
| 6.7 | INTAKE, STORM SEWER, DOUBLE GRATE, SW-505 | EA | \$ 5,000.00 | 0 | \$ - | 0 | \$ - |
| 6.8 | DROP CONNECTION TO SANITARY MANHOLE | EA | \$ 4,500.00 | 0 | \$ - | 0 | \$ - |
| 6.9 | MANHOLE OR INTAKE ADJUSTMENT, MINOR | EA | \$ 1,000.00 | 3 | \$ 3,000.00 | 5 | \$ 5,000.00 |
| 6.10 | REMOVE MANHOLE OR INTAKE | EA | \$ 750.00 | 7 | \$ 5,250.00 | 4 | \$ 3,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | | |
| 7.1 | PAVEMENT, STD. OR S-F PCC, CL C, CL 2, 7 IN. | SY | \$ 55.00 | 6360 | \$ 349,800.00 | 4800 | \$ 264,000.00 |
| 7.2 | PAVEMENT, STD. OR S-F PCC, CL C, CL 2, 7 IN. - UNDER BRICK SURF. | SY | \$ 50.00 | 0 | \$ - | 0 | \$ - |
| 7.3 | CURB AND GUTTER, PCC, 2.5', 7 IN. | LF | \$ 45.00 | 4400 | \$ 198,000.00 | 3600 | \$ 162,000.00 |
| 7.4 | REMOVAL OF SIDEWALK, SHARED USE PATH, OR DRIVEWAY | SY | \$ 15.00 | 280 | \$ 4,200.00 | 180 | \$ 2,700.00 |
| 7.5 | SIDEWALK, PCC, 4 IN. | SY | \$ 40.00 | 0 | \$ - | 0 | \$ - |
| 7.6 | SIDEWALK, PCC, 6 IN. | SY | \$ 45.00 | 280 | \$ 12,600.00 | 180 | \$ 8,100.00 |
| 7.7 | DETECTABLE WARNINGS | SF | \$ 40.00 | 40 | \$ 1,600.00 | 34 | \$ 1,360.00 |
| 7.8 | DRIVEWAY, PAVED, PCC, 6 IN. | SY | \$ 50.00 | 0 | \$ - | 0 | \$ - |
| 7.9 | PAVEMENT REMOVAL | SY | \$ 20.00 | 100 | \$ 2,000.00 | 100 | \$ 2,000.00 |
| 7.10 | BRICK SURFACE INSTALLATION | SY | \$ 150.00 | 0 | \$ - | 0 | \$ - |
| 7.11 | FLAT BRICK SURFACE REMOVAL, CLEAN, SALVAGE | SY | \$ 35.00 | 6360 | \$ 222,600.00 | 4800 | \$ 168,000.00 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | | |
| 8.1 | TRAFFIC CONTROL | LS | \$ 10,000.00 | 1 | \$ 10,000.00 | 1 | \$ 10,000.00 |
| 8.2 | REMOVE AND SALVAGE EXISTING SIGNS | EA | \$ 25.00 | 25 | \$ 625.00 | 21 | \$ 525.00 |
| 8.3 | SIGN INSTALLATION | EA | \$ 100.00 | 25 | \$ 2,500.00 | 21 | \$ 2,100.00 |
| 8.4 | PAINTED PAVEMENT MARKINGS, DURABLE | STA | \$ 30.00 | 0 | \$ - | 0 | \$ - |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | | |
| 9.1 | CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING | AC | \$ 3,500.00 | 0.5 | \$ 1,750.00 | 0.5 | \$ 1,750.00 |
| 9.2 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP), PREP. | LS | \$ 3,750.00 | 1 | \$ 3,750.00 | 1 | \$ 3,750.00 |
| 9.3 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP), MANAGE. | LS | \$ 3,000.00 | 1 | \$ 3,000.00 | 1 | \$ 3,000.00 |
| 9.4 | FILTER SOCKS, INSTALLATION | LF | \$ 2.00 | 0 | \$ - | 0 | \$ - |
| 9.5 | FILTER SOCKS, REMOVAL | LF | \$ 1.00 | 0 | \$ - | 0 | \$ - |
| 9.6 | SILT FENCE, INSTALLATION | LF | \$ 2.00 | 0 | \$ - | 0 | \$ - |
| 9.7 | SILT FENCE, REMOVAL OF SEDIMENT | LF | \$ 1.00 | 0 | \$ - | 0 | \$ - |
| 9.8 | SILT FENCE, REMOVAL OF DEVICE | LF | \$ 0.50 | 0 | \$ - | 0 | \$ - |
| 9.9 | EROSION CONTROL MULCHING, CONVENTIONAL MULCHING | AC | \$ 500.00 | 0.5 | \$ 250.00 | 0.5 | \$ 250.00 |
| 9.10 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 15.00 | 3 | \$ 45.00 | 5 | \$ 75.00 |
| 9.11 | INLET PROTECTION DEVICE, MAINTENANCE | EA | \$ 10.00 | 3 | \$ 30.00 | 5 | \$ 50.00 |
| DIVISION 10 - DEMOLITION | | | | | | | |
| NOT USED | | | | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 50,000.00 | 1 | \$ 50,000.00 | 1 | \$ 50,000.00 |
| 11.2 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 1,500.00 | 1 | \$ 1,500.00 | 1 | \$ 1,500.00 |
| 11.3 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 5,000.00 | 1 | \$ 5,000.00 | 1 | \$ 5,000.00 |
| 11.4 | CONCRETE WASHOUT | LS | \$ 1,500.00 | 1 | \$ 1,500.00 | 1 | \$ 1,500.00 |

Project Estimate \$ 1,912,160
 Engineering (10%) \$191,216.00
 Construction (5%) \$95,608.00
TOTAL \$2,198,984.00

Project Estimate \$ 1,326,450
 Engineering (10%) \$132,645.00
 Construction (5%) \$66,322.50
TOTAL \$1,525,417.50



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS
 16th st - Greene to short of Horse & Buggy

| Item No. | Item | Unit | Unit Price | Greene to H&B | 16th St. Cost |
|--|--|------|-------------|---------------|---------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 1 | \$ 500.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 140 | \$ 10,500.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | | \$ - |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 750 | \$ 15,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 25 | \$ 250.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 140 | \$ 2,100.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 25 | \$ 1,125.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 8 | \$ 200.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0.25 | \$ 1,250.00 |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 1 | \$ 200.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|---------------------|
| | \$ 36,325.00 |
| Engineering | \$ 3,632.50 |
| Construction | \$ 1,816.25 |
| TOTAL | \$ 41,773.75 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

16th st - HyVue to Cedar JSS

| Item No. | Item | Unit | Unit Price | Hyvue to Cedar | 16th St. Cost |
|--|--|------|-------------|----------------|---------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 1 | \$ 120.00 |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 4 | \$ 2,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 190 | \$ 14,250.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | | \$ - |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 2950 | \$ 59,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 50 | \$ 500.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 190 | \$ 2,850.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 500 | \$ 22,500.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 160 | \$ 4,000.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0.5 | \$ 2,500.00 |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 6 | \$ 1,200.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 114,120.00 |
| Engineering | \$ 11,412.00 |
| Construction | \$ 5,706.00 |
| TOTAL | \$ 131,238.00 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

14th st - Penoch to Ann

| Item No. | Item | Unit | Unit Price | Penoch to Ann | 14th St. Cost |
|--|--|------|-------------|---------------|---------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 1 | \$ 120.00 |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 7 | \$ 3,500.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 300 | \$ 22,500.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | 500 | \$ 17,500.00 |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 5000 | \$ 100,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 70 | \$ 700.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 500 | \$ 7,500.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 75 | \$ 3,375.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 52 | \$ 1,300.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 6 | \$ 1,200.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 162,895.00 |
| Engineering | \$ 16,289.50 |
| Construction | \$ 8,144.75 |
| TOTAL | \$ 187,329.25 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
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Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

N 6th - Main to Rapids

| Item No. | Item | Unit | Unit Price | Main to Rapids | N 16th |
|--|--|------|-------------|----------------|--------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 1 | \$ 500.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 140 | \$ 10,500.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | 2000 | \$ 70,000.00 |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | 0 | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 0 | \$ - |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 50 | \$ 500.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 760 | \$ 11,400.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 50 | \$ 2,250.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 16 | \$ 400.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 0 | \$ - |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 100,750.00 |
| Engineering | \$ 10,075.00 |
| Construction | \$ 5,037.50 |
| TOTAL | \$ 115,862.50 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
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Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

Aspen Dr. - 16th to 14th

| Item No. | Item | Unit | Unit Price | 16th to 14th | Aspen Dr. |
|--|--|------|-------------|--------------|--------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 2 | \$ 1,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 150 | \$ 11,250.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | 2100 | \$ 73,500.00 |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | 0 | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 0 | \$ - |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 40 | \$ 400.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 150 | \$ 2,250.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 40 | \$ 1,800.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 8 | \$ 200.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 0 | \$ - |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 95,600.00 |
| Engineering | \$ 9,560.00 |
| Construction | \$ 4,780.00 |
| TOTAL | \$ 109,940.00 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

Main St. - N 7th to N 5th

| Item No. | Item | Unit | Unit Price | N 7th to N 5th | Main St. |
|--|--|------|-------------|----------------|---------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 2 | \$ 1,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 1400 | \$ 105,000.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | | \$ - |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 2500 | \$ 50,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 60 | \$ 600.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 140 | \$ 2,100.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 60 | \$ 2,700.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 16 | \$ 400.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 4 | \$ 800.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 167,800.00 |
| Engineering | \$ 16,780.00 |
| Construction | \$ 8,390.00 |
| TOTAL | \$ 192,970.00 |



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 1360 NW 121st Street
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Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

Main St - N 15th to Main St JSS

| Item No. | Item | Unit | Unit Price | N. 15th & N 18th | Main St. Cost |
|--|--|------|-------------|------------------|---------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 8 | \$ 4,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 240 | \$ 18,000.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | 300 | \$ 10,500.00 |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 3600 | \$ 72,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 94 | \$ 940.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 240 | \$ 3,600.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 94 | \$ 4,230.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 30 | \$ 750.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 10 | \$ 2,000.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 121,220.00 |
| Engineering | \$ 12,122.00 |
| Construction | \$ 6,061.00 |
| TOTAL | \$ 139,403.00 |



McClure Engineering Company
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Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

N 9th Street - Court to Riverside

| Item No. | Item | Unit | Unit Price | N 9th Street - Court to Riverside | N 9th St. Cost |
|--|--|------|-------------|-----------------------------------|----------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 2 | \$ 1,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 260 | \$ 19,500.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | | \$ - |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 3900 | \$ 78,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 56 | \$ 560.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 260 | \$ 3,900.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 56 | \$ 2,520.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 30 | \$ 750.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 5 | \$ 1,000.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|----------------------|
| | \$ 112,430.00 |
| Engineering | \$ 11,243.00 |
| Construction | \$ 5,621.50 |
| TOTAL | \$ 129,294.50 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

JSS

N 14th St. - Prairie to Greene

| Item No. | Item | Unit | Unit Price | N 14th St. - Prairie to Greene | N. 14th St. Cost |
|--|--|------|-------------|--------------------------------|------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 2 | \$ 1,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 200 | \$ 15,000.00 |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | | \$ - |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 2800 | \$ 56,000.00 |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 18 | \$ 180.00 |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 200 | \$ 3,000.00 |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 18 | \$ 810.00 |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 6 | \$ 150.00 |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 3 | \$ 600.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|---------------------|
| | \$ 81,940.00 |
| Engineering | \$ 8,194.00 |
| Construction | \$ 4,097.00 |
| TOTAL | \$ 94,231.00 |



McClure Engineering Company
 1360 NW 121st Street
 Clive, IA 50325
 Ph: 515-964-1229 Fax: 515-964-2370

Owner: City of Adel, Iowa
 Proj. No.: 20618034
 Location: Adel, Iowa

2020 to 2025 Streets Capital Improvements Plan - HMA Resurfacing

290th - Brick yard Ent. To Vision

| Item No. | Item | Unit | Unit Price | 290th - Brick yard Ent. To Vision | 290th Cost |
|--|--|------|-------------|-----------------------------------|--------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | |
| | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | |
| 2.1 | TOPSOIL, ON-SITE | CY | \$ 20.00 | 0 | \$ - |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 4 - SEWERS AND DRAINS | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | |
| 5.1 | VALVE BOX EXTENSION | EA | \$ 120.00 | 0 | \$ - |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | |
| 6.1 | MANHOLE ADJUSTMENT, MINOR | EA | \$ 500.00 | 0 | \$ - |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | |
| 7.1 | CURB AND GUTTER, 2.5', REMOVE AND REPLACE | LF | \$ 75.00 | 0 | \$ - |
| 7.2 | HMA PAVEMENT, STANDARD TRAFFIC PG 58-28H, 6 IN. | SY | \$ 35.00 | 1255 | \$ 43,925.00 |
| 7.3 | HMA PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500.00 |
| 7.4 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 2 IN. | SY | \$ 15.00 | 0 | \$ - |
| 7.5 | HMA OVERLAY, STANDARD TRAFFIC PG 58-28S, 3 IN. | SY | \$ 20.00 | 0 | \$ - |
| 7.6 | REMOVAL OF SIDEWALK, SHARED USED PATH, OR DRIVEWAY | SY | \$ 10.00 | 0 | \$ - |
| 7.7 | REMOVAL OF CURB | LF | \$ 15.00 | 0 | \$ - |
| 7.8 | PCC SIDEWALK, 4 IN. | SY | \$ 30.00 | 0 | \$ - |
| 7.9 | PCC SIDEWALK, 6 IN. | SY | \$ 45.00 | 0 | \$ - |
| 7.10 | DETECTABLE WARNINGS | SF | \$ 25.00 | 0 | \$ - |
| 7.11 | MILLING, PCC PAVEMENT | SY | \$ 10.00 | 0 | \$ - |
| 7.12 | CRACK AND SEAT OF PCC PAVEMENT | SY | \$ 3.00 | 0 | \$ - |
| 7.13 | FULL DEPTH SAWCUTTING | LF | \$ 6.00 | 0 | \$ - |
| DIVISION 8 - TRAFFIC CONTROL | | | | | |
| 8.1 | TEMPORARY TRAFFIC CONTROL | LS | \$ 1,200.00 | 1 | \$ 1,200.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | |
| 9.1 | SEEDING, FERTILIZING, AND MULCHING FOR HYDRAULIC SEEDING | AC | \$ 5,000.00 | 0 | \$ - |
| 9.2 | INLET PROTECTION DEVICE, INSTALLATION | EA | \$ 200.00 | 4 | \$ 800.00 |
| DIVISION 10 - DEMOLITION | | | | | |
| | NOT USED | | | | \$ - |
| DIVISION 11 - MISCELLANEOUS | | | | | |
| 11.1 | MOBILIZATION | LS | \$ 1,500.00 | 1 | \$ 1,500.00 |
| | | | | | \$ - |
| | | | | | \$ - |

| | |
|--------------|---------------------|
| | \$ 49,925.00 |
| Engineering | \$ 4,992.50 |
| Construction | \$ 2,496.25 |
| TOTAL | \$ 57,413.75 |



288th Trail Paving
Section #1 (Prospect Avenue to Quail Avenue)
Approx. 2000 LF - 26' B/B (Rural Section)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|-------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 1500 | \$ 30,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 1000 | \$ 20,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 10 IN. | SY | \$ 65.00 | 5800 | \$ 377,000 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 7.03 | 7010-108-X-0 | GRANULAR SHOULDERS | TON | \$ 50.00 | 840 | \$ 42,000 |
| 7.04 | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 150 | \$ 7,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 40 | \$ 5,600 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 2 | \$ 10,000 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 4000 | \$ 12,000 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 4000 | \$ 2,000 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 4000 | \$ 2,000 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 2 | \$ 3,000 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 35,000.00 | 1 | \$ 35,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 616,100 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 123,220 |
| TOTAL CONSTRUCTION | | | | | | \$ 739,320 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 110,898 |
| TOTAL ENGINEERING | | | | | | \$ 110,898 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 850,218 |



288th Trail Paving
Section #2 (Quail Avenue to Gravel Pit Drive)
Approx. 1200 LF - 26' B/B (Rural Section)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|-------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 900 | \$ 18,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 500 | \$ 10,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 3,000.00 | 1 | \$ 3,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 10 IN. | SY | \$ 65.00 | 3500 | \$ 227,500 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 7.03 | 7010-108-X-0 | GRANULAR SHOULDERS | TON | \$ 50.00 | 500 | \$ 25,000 |
| 7.04 | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 150 | \$ 7,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 24 | \$ 3,360 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 2400 | \$ 7,200 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 2400 | \$ 1,200 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 2400 | \$ 1,200 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 1 | \$ 1,500 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 1,000.00 | 1 | \$ 1,000 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 20,000.00 | 1 | \$ 20,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 1,500.00 | 1 | \$ 1,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 367,960 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 73,592 |
| TOTAL CONSTRUCTION | | | | | | \$ 441,552 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 66,233 |
| TOTAL ENGINEERING | | | | | | \$ 66,233 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 507,785 |



288th Trail Paving
Section #3 (Gravel Pit Drive to End of 288th Trail)
Approx. 2500 LF - 26' B/B (Rural Section)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|-------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 1900 | \$ 38,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 1000 | \$ 20,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 7 IN. | SY | \$ 55.00 | 7300 | \$ 401,500 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 7.03 | 7010-108-X-0 | GRANULAR SHOULDERS | TON | \$ 50.00 | 1050 | \$ 52,500 |
| 7.04 | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 90 | \$ 4,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 50 | \$ 7,000 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 2.5 | \$ 12,500 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 5000 | \$ 15,000 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 5000 | \$ 2,500 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 5000 | \$ 2,500 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 2.5 | \$ 3,750 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 40,000.00 | 1 | \$ 40,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 654,750 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 130,950 |
| TOTAL CONSTRUCTION | | | | | | \$ 785,700 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 117,855 |
| TOTAL ENGINEERING | | | | | | \$ 117,855 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 903,555 |



288th Trail Paving
Section #1 (Prospect Avenue to Quail Avenue)
Approx. 2000 LF - 31' B/B (Curb and Gutter)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|---------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 1500 | \$ 30,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 1000 | \$ 20,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| 4.01 | 4020-108-A-0 | STORM SEWER, SMALL DIAMETER | LF | \$ 100.00 | 220 | \$ 22,000 |
| 4.02 | 4020-108-A-0 | STORM SEWER, LARGE DIAMETER | LF | \$ 150.00 | 2000 | \$ 300,000 |
| 4.03 | 4030-108-B-0 | PIPE APRON | EA | \$ 2,000.00 | 4 | \$ 8,000 |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| 6.01 | 6010-108-A-0 | MANHOLE, STORM SEWER | EA | \$ 3,000.00 | 4 | \$ 12,000 |
| 6.02 | 6010-108-B-0 | INTAKE, STORM SEWER | EA | \$ 2,500.00 | 14 | \$ 35,000 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 10 IN. | SY | \$ 65.00 | 6900 | \$ 448,500 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 7.03 | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 150 | \$ 7,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 40 | \$ 5,600 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 2 | \$ 10,000 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 4000 | \$ 12,000 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 4000 | \$ 2,000 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 4000 | \$ 2,000 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 2 | \$ 3,000 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 60,000.00 | 1 | \$ 60,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 1,047,600 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 209,520 |
| TOTAL CONSTRUCTION | | | | | | \$ 1,257,120 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 188,568 |
| TOTAL ENGINEERING | | | | | | \$ 188,568 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 1,445,688 |



288th Trail Paving
Section #2 (Quail Avenue to Gravel Pit Drive)
Approx. 1200 LF - 31' B/B (Curb and Gutter)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|-------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 900 | \$ 18,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 500 | \$ 10,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 3,000.00 | 1 | \$ 3,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| 4.01 | 4020-108-A-0 | STORM SEWER, SMALL DIAMETER | LF | \$ 100.00 | 130 | \$ 13,000 |
| 4.02 | 4020-108-A-0 | STORM SEWER, LARGE DIAMETER | LF | \$ 150.00 | 1200 | \$ 180,000 |
| 4.03 | 4030-108-B-0 | PIPE APRON | EA | \$ 2,000.00 | 2 | \$ 4,000 |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| 6.01 | 6010-108-A-0 | MANHOLE, STORM SEWER | EA | \$ 3,000.00 | 2 | \$ 6,000 |
| 6.02 | 6010-108-B-0 | INTAKE, STORM SEWER | EA | \$ 2,500.00 | 8 | \$ 20,000 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 10 IN. | SY | \$ 65.00 | 4200 | \$ 273,000 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 7.03 | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 150 | \$ 7,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 24 | \$ 3,360 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 2400 | \$ 7,200 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 2400 | \$ 1,200 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 2400 | \$ 1,200 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 1 | \$ 1,500 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 1,000.00 | 1 | \$ 1,000 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 35,000.00 | 1 | \$ 35,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 1,500.00 | 1 | \$ 1,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 626,460 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 125,292 |
| TOTAL CONSTRUCTION | | | | | | \$ 751,752 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 112,763 |
| TOTAL ENGINEERING | | | | | | \$ 112,763 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 864,515 |



288th Trail Paving
Section #3 (Gravel Pit Drive to End of 288th Trail)
Approx. 2500 LF - 31' B/B (Curb and Gutter)
Preliminary Opinion of Probable Cost
Adel, Iowa
5/7/2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|--------------|----------|---------------------|
| DIVISION 1 - GENERAL PROVISIONS AND COVENANTS | | | | | | |
| | | NOT USED | | | | |
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 2.02 | 2010-108-E-0 | EXCAVATION, CLASS 10 | CY | \$ 20.00 | 1900 | \$ 38,000 |
| 2.03 | 2010-108-F-0 | BELOW GRADE EXCAVATION (CORE OUT) | CY | \$ 20.00 | 1000 | \$ 20,000 |
| 2.04 | SPECIAL | SUBGRADE PROOF ROLLING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| | | NOT USED | | | | |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| 4.01 | 4020-108-A-0 | STORM SEWER, SMALL DIAMETER | LF | \$ 100.00 | 280 | \$ 28,000 |
| 4.02 | 4020-108-A-0 | STORM SEWER, LARGE DIAMETER | LF | \$ 150.00 | 2500 | \$ 375,000 |
| 4.03 | 4030-108-B-0 | PIPE APRON | EA | \$ 2,000.00 | 5 | \$ 10,000 |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| | | NOT USED | | | | |
| DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| 6.01 | 6010-108-A-0 | MANHOLE, STORM SEWER | EA | \$ 3,000.00 | 5 | \$ 15,000 |
| 6.02 | 6010-108-B-0 | INTAKE, STORM SEWER | EA | \$ 2,500.00 | 18 | \$ 45,000 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 7 IN. | SY | \$ 55.00 | 8700 | \$ 478,500 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| #REF! | 7030-108-H-2 | DRIVEWAY, GRANULAR | TON | \$ 50.00 | 90 | \$ 4,500 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 50 | \$ 7,000 |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 2.5 | \$ 12,500 |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| 9.04 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 5000 | \$ 15,000 |
| 9.05 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 5000 | \$ 2,500 |
| 9.06 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 5000 | \$ 2,500 |
| 9.07 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 100 | \$ 5,000 |
| 9.08 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 2.5 | \$ 3,750 |
| DIVISION 10 - DEMOLITION | | | | | | |
| | | NOT USED | | | | |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 70,000.00 | 1 | \$ 70,000 |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 1,182,250 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 236,450 |
| TOTAL CONSTRUCTION | | | | | | \$ 1,418,700 |
| ENGINEERING | | | | | | |
| ENGINEERING - DESIGN AND CONSTRUCTION PHASE (15%) | | | | | | \$ 212,805 |
| TOTAL ENGINEERING | | | | | | \$ 212,805 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 1,631,505 |



Meadow Road - Hwy 169 to 1200' W. of South 15th Street
Preliminary Opinion of Probable Cost - Option #1
24' Rural Section
Adel, Iowa
June 2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|---|---------------|--|------|--------------|----------|---------------------|
| SECTION 1000 - GENERAL | | | | | | |
| 1.01 | 1000-100-X-0 | TRAFFIC CONTROL | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 1.02 | 1000-100-X-0 | PERMANENT SIGNING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SECTION 2010 - EARTHWORK, SUBGRADE, AND SUBBASE | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 25,000.00 | 1 | \$ 25,000 |
| 2.02 | 2010-108-L-0 | COMPACTION TESTING | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| SECTION 4030 - PIPE CULVERTS | | | | | | |
| NOT USED | | | | | | |
| SECTION 4040 - SUBDRAINS AND FOOTING DRAIN COLLECTORS | | | | | | |
| NOT USED | | | | | | |
| SECTION 5020 - VALVES, FIRE HYDRANTS, AND APPURTENANCES | | | | | | |
| NOT USED | | | | | | |
| SECTION 7010 - PORTLAND CEMENT CONCRETE PAVEMENT | | | | | | |
| 7.01 | 7010-108-A-0 | PAVEMENT, PCC, 7 IN. (MEADOW ROAD - 15TH TO HWY 169) | SY | \$ 55.00 | 8500 | \$ 467,500 |
| 7.02 | 7010-108-A-0 | PAVEMENT, PCC, 7 IN. (MEADOW ROAD - APPROX. 700' W. OF 15TH TO 15TH) | SY | \$ 55.00 | 3700 | \$ 203,500 |
| 7.03 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 7.04 | 7010-108-X-0 | GRANULAR SHOULDERS (MEADOW ROAD - 15TH TO HWY 169) | TON | \$ 35.00 | 850 | \$ 29,750 |
| 7.05 | 7010-108-X-0 | GRANULAR SHOULDERS (MEADOW ROAD - APPROX. 700' W. OF 15TH TO 15TH) | TON | \$ 35.00 | 370 | \$ 12,950 |
| SECTION 7020 - HOT MIX ASPHALT PAVEMENT | | | | | | |
| NOT USED | | | | | | |
| SECTION 7030 - SIDEWALKS, SHARED USED PATHS, AND DRIVEWAYS | | | | | | |
| 7.06 | 7030-108-H-1 | DRIVEWAYS, PAVED DRIVEWAY, 6 IN. | SY | \$ 55.00 | 60 | \$ 3,300 |
| SECTION 7040 - PAVEMENT REHABILITATION | | | | | | |
| NOT USED | | | | | | |
| SECTION 8020 - PAVEMENT MARKINGS | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 90 | \$ 12,600 |
| SECTION 9010 - SEEDING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 5,000.00 | 5 | \$ 25,000 |
| SECTION 9040 - EROSION AND SEDIMENT CONTROL | | | | | | |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.04 | 9040-108-J-0 | RIP RAP, CLASS E REVETMENT | TON | \$ 50.00 | 0 | \$ - |
| 9.05 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 8900 | \$ 26,700 |
| 9.06 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 8900 | \$ 4,450 |
| 9.07 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 8900 | \$ 4,450 |
| 9.08 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 250 | \$ 12,500 |
| 9.09 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 4 | \$ 6,000 |
| SECTION 11010 - CONSTRUCTION SURVEY | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 25,000.00 | 1 | \$ 25,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| SECTION 11020 - MOBILIZATION | | | | | | |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 50,000.00 | 1 | \$ 50,000 |
| SECTION 11030 - TEMPORARY SERVICES DURING CONSTRUCTION | | | | | | |
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SECTION 11050 - CONCRETE WASHOUT | | | | | | |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 976,200 |
| CONSTRUCTION CONTINGENCY (10%) | | | | | | \$ 97,620 |
| TOTAL CONSTRUCTION | | | | | | \$ 1,073,820 |
| ENGINEERING | | | | | | |
| 1 | | ENGINEERING - DESIGN AND CONSTRUCTION PHASE (18%) | | | | \$ 193,288 |
| TOTAL ENGINEERING | | | | | | \$ 193,288 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 1,267,108 |



Meadow Road - Hwy 169 to 1200' W. of South 15th Street
Preliminary Opinion of Probable Cost - Option #2
31' with Curb and Gutter, 5' Sidewalk and 10' Trail, Storm Sewer
Adel, Iowa
June 2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|---|---------------|---|------|---------------|----------|------------|
| SECTION 1000 - GENERAL | | | | | | |
| 1.01 | 1000-100-X-0 | PERMANENT SIGNING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SECTION 2010 - EARTHWORK, SUBGRADE, AND SUBBASE | | | | | | |
| 2.01 | 2010-108-C-0 | CLEARING AND GRUBBING | LS | \$ 25,000.00 | 1 | \$ 25,000 |
| 2.02 | 2010-108-D-0 | TOPSOIL, ON-SITE TOPSOIL | CY | \$ 12.00 | 6500 | \$ 78,000 |
| 2.03 | 2010-108-E-0 | CLASS 10 EXCAVATION | CY | \$ 8.00 | 65000 | \$ 520,000 |
| 2.04 | 2010-108-F-0 | BELOW GRADE EXCAVATION | CY | \$ 20.00 | 2000 | \$ 40,000 |
| 2.05 | 2010-108-G-0 | SUBGRADE PREPARATION, 12 IN. | SY | \$ 3.00 | 20300 | \$ 60,900 |
| 2.06 | 2010-108-L-0 | COMPACTION TESTING | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| SECTION 3010 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| 3.01 | 3010-108-C-0 | TRENCH FOUNDATION | TON | \$ 40.00 | 500 | \$ 20,000 |
| 3.02 | 3010-108-F-0 | TRENCH COMPACTION TESTING | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| SECTION 4020 - STORM SEWERS | | | | | | |
| 4.01 | 4020-108-A-1 | STORM SEWER, TRENCHED, RCP, SMALL DIAMETER (15"-24" CROSS RUNS) | LF | \$ 120.00 | 600 | \$ 72,000 |
| 4.02 | 4020-108-A-1 | STORM SEWER, TRENCHED, RCP, LARGE DIAMETER (>24" TRUNK LINE) | LF | \$ 150.00 | 5200 | \$ 780,000 |
| SECTION 4030 - PIPE CULVERTS | | | | | | |
| 4.03 | 4030-108-A-1 | PIPE CULVERT, TRENCHED, RCP | LF | \$ 250.00 | 200 | \$ 50,000 |
| 4.04 | 4030-108-B-0 | PIPE APRON, RCP | EA | \$ 3,000.00 | 2 | \$ 6,000 |
| 4.05 | 4030-108-C-0 | FOOTING FOR CONCRETE PIPE APRON | EA | \$ 1,200.00 | 2 | \$ 2,400 |
| 4.06 | 4030-108-D-0 | PIPE APRON GUARDS | EA | \$ 1,000.00 | 2 | \$ 2,000 |
| SECTION 4040 - SUBDRAINS AND FOOTING DRAIN COLLECTORS | | | | | | |
| 4.07 | 4040-108-A-0 | SUBDRAIN, LONGITUDINAL, PVC, 4 IN. | LF | \$ 8.00 | 10400 | \$ 83,200 |
| 4.08 | 4040-108-C-0 | SUBDRAIN CLEANOUT | EA | \$ 250.00 | 26 | \$ 6,500 |
| 4.09 | 4040-108-D-0 | SUBDRAIN OUTLET | EA | \$ 200.00 | 36 | \$ 7,200 |
| SECTION 5010 - PIPE AND FITTINGS | | | | | | |
| 5.01 | 5010-108-A-1 | WATER MAIN, TRENCHED, PVC, 12 IN. | LF | \$ 60.00 | 1200 | \$ 72,000 |
| 5.02 | 5010-108-C-2 | FITTINGS, BY WEIGHT | LB | \$ 15.00 | 500 | \$ 7,500 |
| SECTION 5020 - VALVES, FIRE HYDRANTS, AND APPURTENANCES | | | | | | |
| 5.03 | 5020-108-A-0 | VALVE, GATE, 12 IN. | EA | \$ 2,500.00 | 3 | \$ 7,500 |
| 5.04 | 5020-108-C-0 | FIRE HYDRANT ASSEMBLY | EA | \$ 5,000.00 | 4 | \$ 20,000 |
| 5.05 | 5020-108-H-0 | FIRE HYDRANT ADJUSTMENT | EA | \$ 1,500.00 | 10 | \$ 15,000 |
| SECTION 6010 - STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| 6.01 | 6010-108-A-0 | MANHOLE, STORM SEWER | EA | \$ 5,000.00 | 2 | \$ 10,000 |
| 6.02 | 6010-108-B-0 | INTAKE, STORM SEWER | EA | \$ 2,500.00 | 36 | \$ 90,000 |
| SECTION 7010 - PORTLAND CEMENT CONCRETE PAVEMENT | | | | | | |
| 7.01 | 7010-108-A-0 | PCC PAVEMENT, 7 IN. | SY | \$ 55.00 | 18000 | \$ 990,000 |
| 7.02 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | \$ 20,000.00 | 1 | \$ 20,000 |
| SECTION 7030 - SIDEWALKS, SHARED USED PATHS, AND DRIVEWAYS | | | | | | |
| 7.03 | 7030-108-C-0 | SHARED USED PATH, 5 IN. | SY | \$ 40.00 | 5800 | \$ 232,000 |
| 7.04 | 7030-108-E-0 | PCC SIDEWALK, 4 IN. | SY | \$ 35.00 | 2900 | \$ 101,500 |
| 7.05 | 7030-108-G-0 | DETECTABLE WARNINGS | SF | \$ 30.00 | 220 | \$ 6,600 |
| 7.06 | 7030-108-H-1 | DRIVEWAYS, PAVED DRIVEWAY, 6 IN. | SY | \$ 55.00 | 240 | \$ 13,200 |
| SECTION 7040 - PAVEMENT REHABILITATION | | | | | | |
| 7.07 | 7040-108-H-0 | PAVEMENT REMOVAL | SY | \$ 5.00 | 3200 | \$ 16,000 |
| SECTION 8020 - PAVEMENT MARKINGS | | | | | | |
| 8.01 | 8020-108-B-0 | PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE | STA | \$ 140.00 | 104 | \$ 14,560 |
| SECTION 8030 - TEMPORARY TRAFFIC CONTROL | | | | | | |
| 8.02 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | \$ 20,000.00 | 1 | \$ 20,000 |
| SECTION 9010 - SEEDING | | | | | | |
| 9.01 | 9010-108-B-0 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | \$ 3,500.00 | 8 | \$ 28,000 |
| SECTION 9040 - EROSION AND SEDIMENT CONTROL | | | | | | |
| 9.02 | 9040-108-A-1 | SWPPP PREPARATION | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.03 | 9040-108-A-2 | SWPPP MANAGEMENT | LS | \$ 10,000.00 | 1 | \$ 10,000 |
| 9.04 | 9040-108-J-0 | RIP RAP, CLASS E REVETMENT | TON | \$ 50.00 | 200 | \$ 10,000 |
| 9.05 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | LF | \$ 3.00 | 10400 | \$ 31,200 |
| 9.06 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | LF | \$ 0.50 | 10400 | \$ 5,200 |
| 9.07 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | LF | \$ 0.50 | 10400 | \$ 5,200 |
| 9.08 | 9040-108-O-2 | STABILIZED CONSTRUCTION ENTRANCE | TON | \$ 50.00 | 250 | \$ 12,500 |
| 9.09 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL | AC | \$ 1,500.00 | 8 | \$ 12,000 |
| SECTION 11010 - CONSTRUCTION SURVEY | | | | | | |
| 11.01 | 11010-108-A-0 | CONSTRUCTION SURVEY | LS | \$ 25,000.00 | 1 | \$ 25,000 |
| 11.02 | 11010-108-B-0 | MONUMENT PRESERVATION AND REPLACEMENT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| SECTION 11020 - MOBILIZATION | | | | | | |
| 11.03 | 11020-108-A-0 | MOBILIZATION | LS | \$ 175,000.00 | 1 | \$ 175,000 |
| SECTION 11030 - TEMPORARY SERVICES DURING CONSTRUCTION | | | | | | |

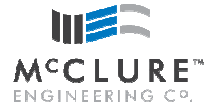


Meadow Road - Hwy 169 to 1200' W. of South 15th Street
Preliminary Opinion of Probable Cost - Option #2
31' with Curb and Gutter, 5' Sidewalk and 10' Trail, Storm Sewer
Adel, Iowa
June 2019



| Item No. | Item Code | Item | Unit | Unit Price | Quantity | Total Cost |
|--|---------------|---|------|-------------|----------|---------------------|
| 11.04 | 11040-108-A-0 | MAINTENANCE OF POSTAL SERVICE | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| 11.05 | 11040-108-B-0 | MAINTENANCE OF SOLID WASTE COLLECTION | LS | \$ 2,500.00 | 1 | \$ 2,500 |
| | | SECTION 11050 - CONCRETE WASHOUT | | | | |
| 11.06 | 11050-108-A-0 | CONCRETE WASHOUT | LS | \$ 5,000.00 | 1 | \$ 5,000 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 3,743,160 |
| CONSTRUCTION CONTINGENCY (10%) | | | | | | \$ 374,316 |
| TOTAL CONSTRUCTION | | | | | | \$ 4,117,476 |
| | | ENGINEERING | | | | |
| 1 | | ENGINEERING - DESIGN AND CONSTRUCTION PHASE | 12% | | | \$ 494,097.12 |
| | | RIGHT-OF-WAY | | | | |
| 1 | | PERMANENT ROW | SF | | | \$ - |
| 1 | | TEMPORARY EASEMENT | SF | \$ 1.00 | 104000 | \$ 104,000 |
| TOTAL PROJECT (CONSTRUCTION, ENGINEERING) | | | | | | \$ 4,117,476 |

**289th Place Extension
(1100 LF Pavement Extension)
Preliminary Opinion of Probable Cost
Ortonville
November, 2017**



| Item No. | Item Code | Item | Unit | Quantity | Unit Price | Total Cost |
|---|---------------|---|------|----------|--------------|----------------------|
| DIVISION 2 - EARTHWORK | | | | | | |
| 2.1 | 2010-108-B-0 | CLEARING AND GRUBBING | LS | 1 | \$ 5,000.00 | \$ 5,000.00 |
| 2.2 | 2010-108-D-1 | TOPSOIL, ON-SITE | CY | 750 | \$ 7.00 | \$ 5,250.00 |
| 2.3 | 2010-108-E-0 | EXCAVATION, CLASS | CY | 7500 | \$ 5.00 | \$ 37,500.00 |
| 2.4 | 2010-108-G-0 | SUBGRADE PREPARATION | SY | 3430 | \$ 2.50 | \$ 8,575.00 |
| 2.5 | 2010-108-I-0 | SUBBASE, MODIFIED SUBBASE, 12 IN. | SY | 3430 | \$ 15.00 | \$ 51,450.00 |
| 2.6 | 2010-108-L-0 | COMPACTION TESTING | LS | 1 | \$ 5,000.00 | \$ 5,000.00 |
| DIVISION 3 - TRENCH EXCAVATION AND BACKFILL | | | | | | |
| 3.1 | 3010-108-C-0 | TRENCH FOUNDATION | TON | 250 | \$ 25.00 | \$ 6,250.00 |
| 3.2 | 3010-108-F-0 | TRENCH COMPACTION TESTING | LS | 1 | \$ 5,000.00 | \$ 5,000.00 |
| DIVISION 4 - SEWERS AND DRAINS | | | | | | |
| 4.1 | 4010-108-A-1 | SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN. DIA. | LF | 1100 | \$ 50.00 | \$ 55,000.00 |
| 4.2 | 4040-108-A-0 | SUBDRAIN, PVC, 6 IN. | LF | 2200 | \$ 25.00 | \$ 55,000.00 |
| 4.3 | 4040-108-C-0 | SUBDRAIN, CLEANOUT | EA | 8 | \$ 600.00 | \$ 4,800.00 |
| 4.4 | 4040-108-D-0 | SUBDRAIN, OUTLET | EA | 2 | \$ 650.00 | \$ 1,300.00 |
| DIVISION 5 - WATER MAINS AND APPURTENANCES | | | | | | |
| 5.1 | 5010-108-A-1 | WATER MAIN, TRENCHED, PVC, 8 IN. DIA. | LF | 1100 | \$ 35.00 | \$ 38,500.00 |
| 5.2 | 5010-108-C-2 | WATER MAIN FITTINGS | LB | 500 | \$ 12.50 | \$ 6,250.00 |
| 5.3 | 5020-108-A-0 | VALVE, GATE, 8 IN. DIA. | EA | 3 | \$ 2,500.00 | \$ 7,500.00 |
| 5.4 | 5020-108-C-0 | FIRE HYDRANT ASSEMBLY | EA | 4 | \$ 5,000.00 | \$ 20,000.00 |
| DIVISION 6: STRUCTURES FOR SANITARY AND STORM SEWERS | | | | | | |
| 6.1 | 6010-108-A-0 | MANHOLE TYPE SW-301, 48 IN. DIA. | EA | 3 | \$ 5,000.00 | \$ 15,000.00 |
| DIVISION 7 - STREETS AND RELATED WORK | | | | | | |
| 7.1 | 7010-108-A-0 | PAVEMENT, PCC, 8 IN. | SY | 2940 | \$ 65.00 | \$ 191,100.00 |
| 7.2 | 7010-108-I-0 | PCC PAVEMENT SAMPLES AND TESTING | LS | 1 | \$ 2,500.00 | \$ 2,500.00 |
| 7.3 | SPECIAL | GRANULAR SHOULDER | TON | 400 | \$ 40.00 | \$ 16,000.00 |
| DIVISION 8 - TRAFFIC CONTROL | | | | | | |
| 8.1 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | LS | 1 | \$ 1,000.00 | \$ 1,000.00 |
| 8.2 | SPECIAL | STREET LIGHTS | EA | 12 | \$ 2,500.00 | \$ 30,000.00 |
| DIVISION 9 - SITE WORK AND LANDSCAPING | | | | | | |
| 9.1 | 9010-108-A-0 | CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING | AC | 3 | \$ 2,000.00 | \$ 6,000.00 |
| 9.2 | 9040-108-A-1 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP), PREPARATION | LS | 1 | \$ 2,000.00 | \$ 2,000.00 |
| 9.3 | 9040-108-A-2 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP), MANAGEMENT | LS | 1 | \$ 5,000.00 | \$ 5,000.00 |
| 9.4 | 9040-108-N-1 | SILT FENCE, INSTALLATION | LF | 2200 | \$ 2.00 | \$ 4,400.00 |
| 9.5 | 9040-108-N-2 | SILT FENCE, REMOVAL OF SEDIMENT | LF | 2200 | \$ 0.50 | \$ 1,100.00 |
| 9.6 | 9040-108-N-3 | SILT FENCE, REMOVAL OF DEVICE | LF | 2200 | \$ 0.50 | \$ 1,100.00 |
| 9.7 | 9040-108-Q-1 | EROSION CONTROL MULCHING, CONVENTIONAL MULCHING | AC | 3 | \$ 1,000.00 | \$ 3,000.00 |
| DIVISION 11 - MISCELLANEOUS | | | | | | |
| 11.1 | 11020-108-A-0 | MOBILIZATION | LS | 1 | \$ 25,000.00 | \$ 25,000.00 |
| 11.2 | 11060-108-A-0 | CONCRETE WASHOUT | LS | 1 | \$ 2,500.00 | \$ 2,500.00 |
| SUBTOTAL CONSTRUCTION | | | | | | \$ 618,075.00 |
| CONSTRUCTION CONTINGENCY (20%) | | | | | | \$ 123,615.00 |
| CONSTRUCTION TOTAL | | | | | | \$ 741,690.00 |
| Engineering, Construction Admin. (15%) | | | | | | \$ 111,253.50 |
| TOTAL PROJECT COST | | | | | | \$ 852,943.50 |