# CITY OF WEST DES MOINES
# CITY COUNCIL MEETING COMMUNICATION

**DATE: February 19, 2024**

## ITEM:

Resolution – Accepting Work
Grand Avenue – South Grand Prairie Parkway to South 115th Street

## FINANCIAL IMPACT:

The total construction cost for Grand Avenue – South Grand Prairie Parkway to South 115th Street was $8,081,574.86 which was paid from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Grand Prairie Parkway Urban Renewal Area TIF. The original cost of the project was $8,133,000.00. There were eight (8) Change Orders on the project that totaled ($51,425.14).

## BACKGROUND:

Elder Corporation was working under an agreement dated October 4, 2021 for construction services for Grand Avenue – South Grand Prairie Parkway to South 115th Street. Work on this project included the construction of Grand Avenue from South Grand Prairie Parkway to South 115th Street as part of Microsoft's Ginger West development. Grand Avenue (minor arterial) was constructed as three lanes on the eastern portion where the roadway crosses the new Johnson Creek bridge and ties into the South Grand Prairie Parkway intersection, but is only two lanes on the western portion of the roadway. In order to provide water service and looping to the southern portion of the Microsoft Ginger West site, watermain was extended along South Grand Prairie Parkway south of Grand Avenue as part of this project along with a meter pit near the South Grand Prairie Parkway bridge. The project included grading, storm sewer, sanitary sewer, watermain, fiber conduit inter-connect (City's open access conduit network and Microsoft conduit), paving, multi-use trail, channel excavation, and other miscellaneous work. Work associated with the Grand Avenue Bridge over Johnson Creek was handled separately.

This action accepts the public improvements and authorizes staff to pay the retainage no sooner than 30 days.

## OUTSTANDING ISSUES:

None.

**RECOMMENDATION:**

City Council Adopt:

- Resolution Accepting Work for Grand Avenue – South Grand Prairie Parkway to South 115th Street.

**Lead Staff Member: Brian J. Hemesath, P.E., City Engineer**

**STAFF REVIEWS**

| | |
|---|---|
| Department Director | Brian J. Hemesath, P.E., City Engineer |
| Appropriations/Finance | Tim Stiles, Finance Director |
| Legal | Greta Truman, City Attorney |
| Agenda Acceptance | |

**PUBLICATION(S)** (if applicable)

| | |
|---|---|
| Published In | |
| Dates(s) Published | |

**SUBCOMMITTEE INFORMED**

| | |
|---|---|
| Committee | Public Services |
| Date Informed | February 12, 2024 |
| No Deliberation or Action Taken | |

# RESOLUTION ACCEPTING WORK

**WHEREAS,** on October 4, 2021, the City Council entered into a contract with Elder Corporation of Des Moines, Iowa, for the following described public improvement:

**Grand Avenue – South Grand Prairie Parkway to South 115th Street**
**Project No. 0510-010-2021**

and,

**WHEREAS,** said contractor has substantially completed the construction of said improvement in accordance with plans and specifications as shown by the report of the City Engineer filed with the City Clerk on February 19, 2024; and,

**WHEREAS,** the City has retained 5% of the construction costs;

therefore,

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA,** that said report of the City Engineer is hereby approved and said public improvement is accepted as having been substantially completed in accordance with plans and specifications and the total final construction cost of said improvement is $8,081,574.86 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $404,078.75, which includes retainage for the project, no sooner than 30 days subject to the Contractor satisfying all the conditions of the contract.

**PASSED AND APPROVED** on this **19th** day of **February, 2024**.

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

ENGINEERING SERVICES
4200 Mills Civic Parkway, Suite 2D
PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0602

West Des Moines

# RETAINAGE

Contractor: **Elder Corporation**

**5088 E. University Avenue**

**Des Moines, Iowa 50327**

| | | |
|---|---|---|
| Project Title | Grand Avenue - S. Grand Prairie Parkway to S. 115th Street | |
| WDM Project File Number | 0510-010-2021 | |
| Purchase Order Number | 2022-00000370 | |
| Orig. Contract Amount & Date | $8,133,000.00 | 10/04/21 |
| Estimated Completion Date | 11/01/22 | |
| Pay Period End Date | 2/5/24 | |
| Pay Request Number | Retainage | |
| Date | 03/18/24 | |

**BID ITEMS**

| Item No. | Description | Unit | Est. Qty | Unit Price | Extended Price | Quantity Completed | Value Completed |
|---|---|---|---|---|---|---|---|
| 2.01 | Clearing and Grubbing | LS | 1.0 | $99,306.46 | $99,306.46 | 1.00 | $99,306.46 |
| 2.02 | Topsoil Strip, Salvage, and Respread | CY | 47,300 | $5.00 | $236,500.00 | 47,619.00 | $238,095.00 |
| 2.03 | Excavation, Class 10, Roadway and Borrow | CY | 46,525 | $2.50 | $116,312.50 | 46,525.00 | $116,312.50 |
| 2.04 | Excavation, Class 10, Contractor Furnished | CY | 137,550 | $8.00 | $1,100,400.00 | 137,550.00 | $1,100,400.00 |
| 2.05 | Subgrade Preparation, 12 Inches | SY | 21,587 | $2.00 | $43,174.00 | 21,587.00 | $43,174.00 |
| 2.06 | Modified Subbase, 6 Inch | SY | 21,587 | $6.75 | $145,712.25 | 21,587.00 | $145,712.25 |
| 2.07 | Special Backfill | TON | 1,475 | $25.00 | $36,875.00 | 1,846.86 | $46,171.50 |
| 2.08 | Removal of Existing Debris | LS | 1 | $50,000.00 | $50,000.00 | 1.00 | $50,000.00 |
| 4.01 | Storm Sewer, Trenched, 15" | LF | 1,113 | $72.00 | $80,136.00 | 1,113.00 | $80,136.00 |
| 4.02 | Storm Sewer, Trenched, 18" | LF | 616 | $61.00 | $37,576.00 | 616.00 | $37,576.00 |
| 4.03 | Storm Sewer, Trenched, 24" | LF | 915 | $75.00 | $68,625.00 | 915.00 | $68,625.00 |
| 4.04 | Storm Sewer, Trenched, 30" | LF | 1,224 | $107.00 | $130,968.00 | 1,224.00 | $130,968.00 |
| 4.05 | Storm Sewer, Trenched, 36" | LF | 936 | $126.00 | $117,936.00 | 936.00 | $117,936.00 |
| 4.06 | Pipe Culvert, Trenched, CMP, 30" | LF | 36 | $104.00 | $3,744.00 | 49.00 | $5,096.00 |
| 4.07 | Pipe Apron w/ Footing and Apron Guard, Concrete, 18" | EA | 2 | $1,820.00 | $3,640.00 | 2.00 | $3,640.00 |
| 4.08 | Pipe Apron w/ Footing and Apron Guard, Concrete, 36" | EA | 1 | $3,590.00 | $3,590.00 | 1.00 | $3,590.00 |
| 4.09 | Pipe Apron, CMP, 30" | EA | 2 | $1,700.00 | $3,400.00 | 2.00 | $3,400.00 |
| 4.10 | Subdrain, Type 1, 6" | LF | 9,425 | $19.00 | $179,075.00 | 8,830.00 | $167,770.00 |
| 4.11 | Subdrain Outlets and Connections, CMP, 8" | EA | 72 | $292.00 | $21,024.00 | 68.00 | $19,856.00 |
| 5.01 | Water Main, Trenched, 12" | LF | 25 | $148.00 | $3,700.00 | | $0.00 |
| 5.02 | Water Main, Trenched, 16" | LF | 4,355 | $97.00 | $422,435.00 | 4,417.00 | $428,449.00 |
| 5.03 | Water Main, Trenched, DIP, 16" | LF | 440 | $131.00 | $57,640.00 | 369.00 | $48,339.00 |
| 5.04 | Fittings, Water Main | LB | 14,449 | $6.00 | $86,694.00 | 14,440.00 | $86,640.00 |
| 5.05 | Valve, Gate, 16" | EA | 17 | $7,840.00 | $133,280.00 | 17.00 | $133,280.00 |
| 5.06 | Fire Hydrant Assembly | EA | 16 | $6,250.00 | $100,000.00 | 16.00 | $100,000.00 |
| 6.01 | Manhole, SW-401, 48" | EA | 1 | $3,020.00 | $3,020.00 | 1.00 | $3,020.00 |
| 6.02 | Manhole, SW-401, 60" | EA | 1 | $5,370.00 | $5,370.00 | 1.00 | $5,370.00 |
| 6.03 | Manhole, SW-401, 84" | EA | 1 | $9,690.00 | $9,690.00 | 1.00 | $9,690.00 |
| 6.04 | Intake, SW-501 | EA | 8 | $2,460.00 | $19,680.00 | 8.00 | $19,680.00 |
| 6.05 | Intake, SW-503 | EA | 7 | $4,590.00 | $32,130.00 | 7.00 | $32,130.00 |
| 6.06 | Intake, SW-503, Modified | EA | 1 | $4,870.00 | $4,870.00 | 1.00 | $4,870.00 |
| 6.07 | Intake, SW-505 | EA | 9 | $4,460.00 | $40,140.00 | 9.00 | $40,140.00 |
| 6.08 | Intake, SW-506 | EA | 4 | $8,290.00 | $33,160.00 | 4.00 | $33,160.00 |
| 6.09 | Intake, SW-506, Modified | EA | 5 | $8,460.00 | $42,300.00 | 5.00 | $42,300.00 |
| 6.10 | Field Tile, 12" | LF | 178 | $50.00 | $8,900.00 | | $0.00 |
| 7.01 | Pavement, PCC, 9 In. Reinforced | SY | 16,425 | $63.50 | $1,042,987.50 | 16,443.60 | $1,044,168.60 |
| 7.02 | Pavement, PCC, 10 In. Reinforced | SY | 1,662 | $90.00 | $149,580.00 | 1,651.00 | $148,590.00 |
| 7.03 | Shared Use Path, PCC, Reinforced, 6 In. | SY | 4,810 | $40.68 | $195,670.80 | 4,810.00 | $195,670.80 |
| 7.04 | Special Subgrade Preparation for Shared Use Path | SY | 5,842 | $1.75 | $10,223.50 | 5,842.00 | $10,223.50 |
| 7.05 | Detectable Warnings | SF | 26 | $50.00 | $1,300.00 | 60.00 | $3,000.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7.06 | Granular Surfacing | TON | 850 | $25.50 | $21,675.00 | 845.42 | $21,558.21 |
| 7.07 | Granular Shoulder | TON | 305 | $42.00 | $12,810.00 | 390.71 | $16,409.82 |
| 7.08 | Temporary Detour Pavement | SY | 3,699 | $35.00 | $129,465.00 | 3,699.00 | $129,465.00 |
| 7.09 | Pavement Removal | SY | 3,699 | $5.25 | $19,419.75 | 5,014.00 | $26,323.50 |
| 7.10 | Driveway Paved, PCC, 7 In. | SY | 485 | $55.35 | $26,844.75 | 531.00 | $29,390.85 |
| 8.01 | Permanent Road Closure, Urban | EA | 1 | $750.00 | $750.00 | 1.00 | $750.00 |
| 8.02 | Temporary Traffic Control | LS | 1 | $6,500.00 | $6,500.00 | 1.00 | $6,500.00 |
| 8.03 | Painted Pavement Markings, Solvent/Waterborne | STA | 57 | $100.00 | $5,650.00 | 56.50 | $5,650.00 |
| 8.04 | Painted Symbols and Legends, Durable | EA | 11 | $250.00 | $2,750.00 | 9.00 | $2,250.00 |
| 8.05 | Entrance Haulroad Relocation | LS | 1 | $31,400.00 | $31,400.00 | | $0.00 |
| 9.01 | Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Rescue Plus | AC | 35.4 | $2,800.00 | $99,120.00 | | $0.00 |
| 9.02 | Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 2 | AC | 17.2 | $2,400.00 | $41,280.00 | 29.25 | $70,200.00 |
| 9.03 | Erosion Control Mulching, hydromulching | AC | 53 | $1,100.00 | $58,300.00 | 39.20 | $43,120.00 |
| 9.04 | Weeding – Chemical Treatment Broadleaf | AC | 53 | $75.00 | $3,975.00 | 22.00 | $1,650.00 |
| 9.05 | SWPPP Preparation | LS | 1 | $1,500.00 | $1,500.00 | 1.00 | $1,500.00 |
| 9.06 | SWPPP Management | LS | 1 | $2,500.00 | $2,500.00 | 1.00 | $2,500.00 |
| 9.07 | Filter Sock, 9 Inch. | LF | 11,257 | $1.50 | $16,885.50 | 5,525.00 | $8,287.50 |
| 9.08 | Removal of Filter Sock, 9 Inch. | LF | 11,257 | $0.20 | $2,251.40 | 3,534.00 | $706.80 |
| 9.09 | Temporary RECP, Type 2C | SQ | 4,500 | $1.30 | $5,850.00 | | $0.00 |
| 9.10 | Revetment, Class E | TON | 7,500 | $56.00 | $420,000.00 | 5,333.00 | $298,648.00 |
| 9.11 | Silt Fence | LF | 23,500 | $1.50 | $35,250.00 | 12,170.00 | $18,255.00 |
| 9.12 | Removal of Silt Fence | LF | 23,500 | $0.05 | $1,175.00 | 4,595.00 | $229.75 |
| 9.13 | Inlet Protection Device, Install and Removal, Sediment Basket | EA | 40 | $155.00 | $6,200.00 | 48.00 | $7,440.00 |
| 9.14 | Inlet Protection Device, Maintenance | EA | 68 | $30.00 | $2,040.00 | 102.00 | $3,060.00 |
| 9.15 | Flex-A-Mat | SQ | 245 | $150.00 | $36,750.00 | 170.00 | $25,500.00 |
| 11.01 | Construction Survey | LS | 1 | $25,000.00 | $25,000.00 | 1.00 | $25,000.00 |
| 11.02 | Concrete Washout | LS | 1 | $10,000.00 | $10,000.00 | 1.00 | $10,000.00 |
| 13.01 | Portland Cement Concrete (PCC) Vault (4'x6'x7'), Furnish and Install | EA | 1 | $15,000.00 | $15,000.00 | 1.00 | $15,000.00 |
| 13.02 | Handhole (2.5'x4'x4'), Furnish and Install | EA | 2 | $3,500.00 | $7,000.00 | 2.00 | $7,000.00 |
| 13.03 | Conduit, Furnish and Install, SDR 11 HDPE, 4 In. Dia, Duct Bank Directional Drilled | LF | 2,466 | $18.00 | $44,388.00 | 2,466.00 | $44,388.00 |
| 13.04 | Conduit Pathway, Furnish & Install, 7-Way Multi-Duct, Installed-In-Place | LF | 2,531 | $11.00 | $27,841.00 | 2,526.00 | $27,786.00 |
| 13.05 | Test Station/Fiber Optic Line Marker Combination, Above Grade, Furnish & Install | EA | 1 | $250.00 | $250.00 | 1.00 | $250.00 |
| 13.06 | Fiber Conduit/Structures As-Built Documentation (MS) | EA | 1 | $1,750.00 | $1,750.00 | 1.00 | $1,750.00 |
| 13.07 | Conduit and Tracer Wire Acceptance Testing (MS) | EA | 1 | $10,000.00 | $10,000.00 | 1.00 | $10,000.00 |
| 13.08 | Construction Survey – Fiber Conduit Inter-Connect (MS) | EA | 1 | $1,250.00 | $1,250.00 | 1.00 | $1,250.00 |
| 14.01 | City-Provided Vault, Install Only, Large Round (IAP) | EA | 5 | $850.00 | $4,250.00 | 5.00 | $4,250.00 |
| 14.02 | Conduit, Furnish and Install SDR 13.5 HDPE, 1 In. Dia., Blue with Black Stripe, Duct Bank, Directional Drilled | LF | 9,252 | $4.00 | $37,008.00 | 9,252.00 | $37,008.00 |
| 14.03 | Conduit Pathway, Furnish and Install 7-Way Multi-Duct Bank, Directional Drilled | LF | 4,631 | $11.00 | $50,941.00 | 4,625.00 | $50,875.00 |
| 14.04 | Test Station, Below Grade, Furnish and Install | EA | 5 | $350.00 | $1,750.00 | 5.00 | $1,750.00 |
| 14.05 | Fiber Conduit/Structures As-Built Documentation (City) | EA | 1 | $1,750.00 | $1,750.00 | 1.00 | $1,750.00 |
| 14.06 | Conduit and Tracer Wire Acceptance Testing (City) | EA | 1 | $10,000.00 | $10,000.00 | 1.00 | $10,000.00 |
| 14.07 | Construction Survey – Fiber Conduit Inter-Connect (City) | EA | 1 | $1,250.00 | $1,250.00 | 1.00 | $1,250.00 |
| 15.01 | Trench Foundation | TON | 10 | $38.00 | $380.00 | | $0.00 |
| 15.02 | Imported Backfill | TON | 40 | $38.00 | $1,520.00 | | $0.00 |
| 15.03 | Water Main, Trenched, DI, Class 52, 12" | LF | 80 | $103.00 | $8,240.00 | 64.40 | $6,633.20 |
| 15.04 | Water Main, Trenched, DI, Class 52, 8" | LF | 20 | $42.00 | $840.00 | 4.00 | $168.00 |
| 15.05 | Water Main, Trenched, DI, Class 52, 4" | LF | 10 | $212.00 | $2,120.00 | 10.00 | $2,120.00 |
| 15.06 | Fitting, Bend, 12" | EA | 2 | $855.00 | $1,710.00 | 6.00 | $5,130.00 |
| 15.07 | Fitting, Reducer, 12"x8" | EA | 2 | $726.00 | $1,452.00 | 2.00 | $1,452.00 |
| 15.08 | Fitting, Dismantling Joint, 8" | EA | 1 | $916.00 | $916.00 | 1.00 | $916.00 |
| 15.09 | Fitting, Tee, 12"x4" | EA | 1 | $866.00 | $866.00 | 1.00 | $866.00 |
| 15.10 | Tapping Valve Assembly, 24"x12" | EA | 2 | $7,750.00 | $15,500.00 | 2.00 | $15,500.00 |
| 15.11 | Gate Valve, 4" | EA | 1 | $988.00 | $988.00 | 1.00 | $988.00 |
| 15.12 | Isolation Valve, 4" | EA | 1 | $988.00 | $988.00 | 1.00 | $988.00 |
| 15.13 | Manhole, SW-401, 72" | EA | 1 | $12,900.00 | $12,900.00 | 1.00 | $12,900.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15.14 | 8" PCC Slab, 72"x54" | LS | 1 | $2,500.00 | $2,500.00 | 1.00 | $2,500.00 |
| 15.15 | Electromagnetic Flow Sensor, 8" | EA | 1 | $8,000.00 | $8,000.00 | 1.00 | $8,000.00 |
| 15.16 | Electrical | LS | 1 | $50,000.00 | $50,000.00 | 1.00 | $50,000.00 |
| 15.17 | Controls/Integration | LS | 1 | $45,000.00 | $45,000.00 | 1.00 | $45,000.00 |
| 15.18 | Mechanical | LS | 1 | $3,730.00 | $3,730.00 | 1.00 | $3,730.00 |
| 15.19 | Water Main, Trenched, DI, Class 52 6" | LF | 15 | $50.00 | $750.00 | 15.00 | $750.00 |
| 15.20 | Remove and Replace Hydrant | EA | 1 | $2,220.00 | $2,220.00 | 1.00 | $2,220.00 |
| 15.21 | Tee, 12"x6" | EA | 1 | $920.00 | $920.00 | 1.00 | $920.00 |
| 15.22 | Tee, 6"x6" | EA | 1 | $635.00 | $635.00 | 1.00 | $635.00 |
| 15.23 | Gate Valve, 6" | EA | 1 | $1,240.00 | $1,240.00 | 1.00 | $1,240.00 |
| 16.01 | Removal of Water Main | LF | 1008 | $25.00 | $25,200.00 | 843.00 | $21,075.00 |
| 16.02 | Water Main, Trenched, Restrained Joint, 16 In. | LF | 160 | $108.00 | $17,280.00 | 160.00 | $17,280.00 |
| 16.03 | Water Main, Trenched, Unrestrained, 24 In. | LF | 1729 | $195.00 | $337,155.00 | 1,581.00 | $308,295.00 |
| 16.04 | Water Main, Trenched, Restrained Joint, 24 In. | LF | 327 | $277.00 | $90,579.00 | 327.00 | $90,579.00 |
| 16.05 | Water Main, Trenched, Restrained Joint, DIP, C151, Class 52, 16 In. | LF | 34 | $136.00 | $4,624.00 | 34.00 | $4,624.00 |
| 16.06 | Water Main, Trenched, Restrained Joint, DIP, C151, Class 52, 24 In. | LF | 15 | $176.00 | $2,640.00 | 15.00 | $2,640.00 |
| 16.07 | Water Main W/Casing Pipe, Trenchless, Restrained, 24 In. | LF | 315 | $981.00 | $309,015.00 | 315.00 | $309,015.00 |
| 16.08 | Valve, Gate, 24 In. | EA | 6 | $19,600.00 | $117,600.00 | 6.00 | $117,600.00 |
| 16.09 | Remove Existing Fire Hydrant Assembly | EA | 1 | $483.00 | $483.00 | 1.00 | $483.00 |
| 16.10 | Valve Removal | EA | 3 | $248.00 | $744.00 | 3.00 | $744.00 |
| 16.11 | Silt Fence, Removal of Sediment | LF | 400 | $0.05 | $20.00 | 400.00 | $20.00 |
| 16.12 | Inlet Protection Device, Installation | EA | 6 | $150.00 | $900.00 | 6.00 | $900.00 |
| 16.13 | Railroad Protective Liability Insurance | LS | 1 | $11,690.59 | $11,690.59 | 1.00 | $11,690.59 |
| 16.14 | Railroad Protection Services | CDAY | 5 | $1,792.00 | $8,960.00 | 5.00 | $8,960.00 |
| 17.01 | Sanitary Sewer In Place, 24" | LF | 4190 | $184.00 | $770,960.00 | 4,190.00 | $770,960.00 |
| 17.02 | Sanitary Sewer in Place, 15" | LF | 150 | $84.00 | $12,600.00 | 150.00 | $12,600.00 |
| 17.03 | Manholes – Type SW-301 | EA | 10 | $9,780.00 | $97,800.00 | 10.00 | $97,800.00 |
| 17.04 | Video Inspection of Sanitary Sewer | LF | 4340 | $5.00 | $21,700.00 | 4,340.00 | $21,700.00 |
| 17.05 | Field Tile – 10" | LF | 100 | $57.00 | $5,700.00 | | $0.00 |
| 17.06 | Field Tile – 8" and Smaller | LF | 200 | $48.00 | $9,600.00 | | $0.00 |
| 17.07 | Stabilizing Material | TON | 100 | $38.00 | $3,800.00 | | $0.00 |
| | | | | | | | |
| | ITEMS ADDED BY CHANGE ORDER | | | | | | |
| 18.1 | Entrance Haulroad Relocation - Clearing and Grubbing | LS | 1 | $3,800.00 | $3,800.00 | 1.00 | $3,800.00 |
| 8.5 | Entrance Haulroad Relocation | LS | -1 | $31,400.00 | -$31,400.00 | | |
| 16.14 | Railroad Protection Services | CDAY | 3 | $1,792.00 | $5,376.00 | 3.00 | $5,376.00 |
| 18.2 | Clearing and Grubbing (Extra for Overpass Project) | AC | 6 | $6,200.00 | $38,502.00 | 6.00 | $37,200.00 |
| 18.3 | Removal of Railroad Ties | LS | 1 | $5,000.00 | $5,000.00 | 1.00 | $5,000.00 |
| 18.4 | Manhole Height Adjustment (additional barrel) | VLF | 32.35 | $202.07 | $6,536.96 | 40.85 | $8,254.56 |
| 18.5 | Lining for Sanitary Manhole Height Adjustment | VLF | 32.35 | $393.25 | $12,721.64 | 32.35 | $12,721.64 |
| 18.6 | Additional Water Meter Pit barrel section | EA | 1 | $1,200.00 | $1,200.00 | 1.00 | $1,200.00 |
| 7.06 | Granular Surfacing | TON | -300 | $25.50 | -$7,650.00 | | |
| 9.10 | Revetment, Class E | TON | -300 | $56.00 | -$16,800.00 | | |
| 17.05 | Field Tile – 10" | LF | -100 | $57.00 | -$5,700.00 | | |
| 17.06 | Field Tile – 8" and Smaller | LF | -200 | $48.00 | -$9,600.00 | | |
| 17.07 | Stabilizing Material | TON | -100 | $38.00 | -$3,800.00 | | |
| 18.7 | Macadam Stone | TON | 650 | $35.50 | $23,075.00 | 843.81 | $29,955.26 |
| 18.8 | HMA Surface Mix, 1/2" Standard Traffic, w/ PG 58-28S Binder Incl. | TON | 340 | $131.25 | $44,625.00 | 285.42 | $37,461.38 |
| 6.10 | Field Tile, 12" | LF | -178 | $50.00 | -$8,900.00 | | |
| 18.9 | Pipe crew mobilization - water main work | LS | 1 | $5,400.00 | $5,400.00 | 1.00 | $5,400.00 |
| 18.10 | Pipe crew mobilization - tile work | LS | 1 | $3,000.00 | $3,000.00 | 1.00 | $3,000.00 |
| 18.11 | 8" field tile - HDPE | LF | 864 | $48.00 | $41,472.00 | 864.00 | $41,472.00 |
| 18.12 | Pea Gravel | TON | 15 | $56.00 | $840.00 | | $0.00 |
| 18.13 | Field Tile outlet | EA | 2 | $294.00 | $588.00 | 2.00 | $588.00 |
| 18.14 | Field tile intake - Hickenbottom | EA | 4 | $1,260.00 | $5,040.00 | 4.00 | $5,040.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18.15 | Remove 24" water main under creek + 24" valve | LF | 51 | $155.00 | $7,905.00 | 51.00 | $7,905.00 |
| 18.16 | Replace 24" C900 DR 18 water main at Johnson Creek | LF | 51 | $755.00 | $38,505.00 | 51.00 | $38,505.00 |
| 18.17 | Additional site grading - grade to drain | LS | 1 | $6,250.00 | $6,250.00 | 1.00 | $6,250.00 |
| 18.18 | Additional tree removal north of Grand Ave | LS | 1 | $1,200.00 | $1,200.00 | 1.00 | $1,200.00 |
| 18.19 | Remove antenna from 88th Street Tower | LS | 1 | $897.60 | $897.60 | 1.00 | $897.60 |
| | FINAL CHANGE ORDER NO. 8 | | | | | | |
| 18.20 | Temporary RECP, Type 2C (SQUARE YARDS) | SY | 23200 | $1.04 | $24,128.00 | 23,200.00 | $24,128.00 |
| 18.21 | Pipe Culvert, Trenched, CMP, 18" | LF | 60 | $86.86 | $5,211.60 | 60.00 | $5,211.60 |
| 18.22 | Lining for Sanitary Manhole #MH16 | LS | 1 | $6,200.00 | $6,200.00 | 1.00 | $6,200.00 |
| 2.02 | Topsoil Strip, Salvage, and Respread | CY | 319 | $5.00 | $1,595.00 | | |
| 2.07 | Special Backfill | TON | 372 | $25.00 | $9,296.50 | | |
| 4.06 | Pipe Culvert, Trenched, CMP, 30" | LF | 13 | $104.00 | $1,352.00 | | |
| 4.10 | Subdrain, Type 1, 6" | LF | -595 | $19.00 | -$11,305.00 | | |
| 4.11 | Subdrain Outlets and Connections, CMP, 8" | EA | -4 | $292.00 | -$1,168.00 | | |
| 5.01 | Water Main, Trenched, 12" | LF | -25 | $148.00 | -$3,700.00 | | |
| 5.02 | Water Main, Trenched, 16" | LF | 62 | $97.00 | $6,014.00 | | |
| 5.03 | Water Main, Trenched, DIP, 16" | LF | -71 | $131.00 | -$9,301.00 | | |
| 5.04 | Fittings, Water Main | LB | -9 | $6.00 | -$54.00 | | |
| 7.01 | Pavement, PCC, 9 In. Reinforced | SY | 19 | $63.50 | $1,181.10 | | |
| 7.02 | Pavement, PCC, 10 In. Reinforced | SY | -11 | $90.00 | -$990.00 | | |
| 7.05 | Detectable Warnings | SF | 34 | $50.00 | $1,700.00 | | |
| 7.06 | Granular Surfacing | TON | 295 | $25.50 | $7,533.21 | | |
| 7.07 | Granular Shoulder | TON | 86 | $42.00 | $3,599.82 | | |
| 7.09 | Pavement Removal | SY | 1315 | $5.25 | $6,903.75 | | |
| 7.10 | Driveway Paved, PCC, 7 In. | SY | 46 | $55.35 | $2,546.10 | | |
| 8.04 | Painted Symbols and Legends, Durable | EA | -2 | $250.00 | -$500.00 | | |
| 9.01 | Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Rescue Plus | AC | -35 | $2,800.00 | -$99,120.00 | | |
| 9.02 | Hydraulic Seeding, Seeding, Fertilizing, and Mulching, Type 2 | AC | 12 | $2,400.00 | $28,920.00 | | |
| 9.03 | Erosion Control Mulching, hydromulching | AC | -14 | $1,100.00 | -$15,180.00 | | |
| 9.04 | Weeding – Chemical Treatment Broadleaf | AC | -31 | $75.00 | -$2,325.00 | | |
| 9.07 | Filter Sock, 9 Inch. | LF | -5732 | $1.50 | -$8,598.00 | | |
| 9.08 | Removal of Filter Sock, 9 Inch. | LF | -7723 | $0.20 | -$1,544.60 | | |
| 9.09 | Temporary RECP, Type 2C | SQ | -4500 | $1.30 | -$5,850.00 | | |
| 9.10 | Revetment, Class E | TON | -1867 | $56.00 | -$104,552.00 | | |
| 9.11 | Silt Fence | LF | -11330 | $1.50 | -$16,995.00 | | |
| 9.12 | Removal of Silt Fence | LF | -18905 | $0.05 | -$945.25 | | |
| 9.13 | Inlet Protection Device, Install and Removal, Sediment Basket | EA | 8 | $155.00 | $1,240.00 | | |
| 9.14 | Inlet Protection Device, Maintenance | EA | 34 | $30.00 | $1,020.00 | | |
| 9.15 | Flex-A-Mat | SQ | -75 | $150.00 | -$11,250.00 | | |
| 13.04 | Conduit Pathway, Furnish & Install, 7-Way Multi-Duct, Installed-In-Place | LF | -5 | $11.00 | -$55.00 | | |
| 14.03 | Conduit Pathway, Furnish and Install 7-Way Multi-Duct Bank, Directional | LF | -6 | $11.00 | -$66.00 | | |
| 15.01 | Trench Foundation | TON | -10 | $38.00 | -$380.00 | | |
| 15.02 | Imported Backfill | TON | -40 | $38.00 | -$1,520.00 | | |
| 15.03 | Water Main, Trenched, DI, Class 52, 12" | LF | -16 | $103.00 | -$1,606.80 | | |
| 15.04 | Water Main, Trenched, DI, Class 52, 8" | LF | -16 | $42.00 | -$672.00 | | |
| 15.06 | Fitting, Bend, 12" | EA | 4 | $855.00 | $3,420.00 | | |
| 16.01 | Removal of Water Main | LF | -165 | $25.00 | -$4,125.00 | | |
| 16.03 | Water Main, Trenched, Unrestrained, 24 In. | LF | -148 | $195.00 | -$28,860.00 | | |
| 18.2 | Clearing and Grubbing (Extra for Overpass Project) | AC | 0 | $6,200.00 | -$1,302.00 | | |
| 18.4 | Manhole Height Adjustment (additional barrel) | VLF | 8.50 | $202.07 | $1,717.60 | | |
| 18.7 | Macadam Stone | TON | 194 | $35.50 | $6,880.26 | | |
| 18.8 | HMA Surface Mix, 1/2" Standard Traffic, w/ PG 58-28S Binder Incl. | TON | -55 | $131.25 | -$7,163.63 | | |
| 18.12 | Pea Gravel | TON | -15 | $56.00 | -$840.00 | | |
| | | | | | | | |
| | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | TOTAL | $8,081,574.86 | | $8,081,574.86 |

| MATERIALS STORED SUMMARY | | | |
|---|---|---|---|
| Description | # of Units | Unit Price | Extended Cost |
| | | | $0.00 |
| | | | $0.00 |
| | | | $0.00 |
| | | | $0.00 |
| | | | $0.00 |
| | | TOTAL | $0.00 |

| PAY REQUEST SUMMARY | | | |
|---|---|---|---|
| | | Total Approved | Total Completed |
| | Contract Price | $8,133,000.00 | $8,081,574.86 |
| | Approved Change Order 1 | -$27,600.00 | |
| | Approved Change Order 2 | $43,878.00 | |
| | Approved Change Order 3 | $5,000.00 | |
| | Approved Change Order 4 | $20,458.60 | |
| | Approved Change Order 5 | $24,150.00 | |
| | Approved Change Order 6 | $101,300.00 | |
| | Approved Change Order 7 | $897.60 | |
| | Approved Change Order 8 | ($219,509.34) | |
| | Revised Contract Price | $8,081,574.86 | $8,081,574.86 |
| | | Materials Stored | $0.00 |
| | | Retainage (0%) | $0.00 |
| | | Total Earned Less Retainage | $8,081,574.86 |
| Total Previously Approved (list each) | Pay Request 1 | $36,686.34 | |
| | Pay Request 2 | $734,422.31 | |
| | Pay Request 3 | $300,713.07 | |
| | Pay Request 4 | $322,463.25 | |
| | Pay Request 5 | $77,967.65 | |
| | Pay Request 6 | $295,197.36 | |
| | Pay Request 7 | $1,315,627.33 | |
| | Pay Request 8 | $337,143.60 | |
| | Pay Request 9 | $57,824.79 | |
| | Pay Request 10 | $30,008.60 | |
| | Pay Request 11 | $85,089.60 | |
| | Pay Request 12 | $128,535.95 | |
| | Pay Request 13 | $282,698.15 | |
| | Pay Request 14 | $83,051.85 | |
| | Pay Request 15 | $240,700.54 | |
| | Pay Request 16 | $163,985.77 | |
| | Pay Request 17 | $319,333.24 | |
| | Pay Request 18 | $179,933.15 | |
| | Pay Request 19 | $298,972.02 | |
| | Pay Request 20 | $75,386.06 | |
| | Pay Request 21 | $759,067.10 | |
| | Pay Request 22 | $366,762.47 | |
| | Pay Request 23 | $92,299.10 | |
| | Pay Request 24 *(NOT USED)* | $0.00 | |
| | Pay Request 25 | $90,432.02 | |
| | Pay Request 26 | $51,821.50 | |
| | Pay Request 27 | $325,381.46 | |
| | Pay Request 28 | $416,153.62 | |
| | Pay Request 29 | $48,806.43 | |
| | Pay Request 30 | $8,645.00 | |
| | Pay Request 31 | $164,386.78 | |
| | | Total Previously Approved | $7,677,496.11 |
| | | Amount Due This Request | **$404,078.75** |
| | | Percent Complete | 100% |
| | | Percent of Contract Period Utilized | 100% |

The amount $404,078.75 is recommended for approval for payment in accordance with the terms of the Contract

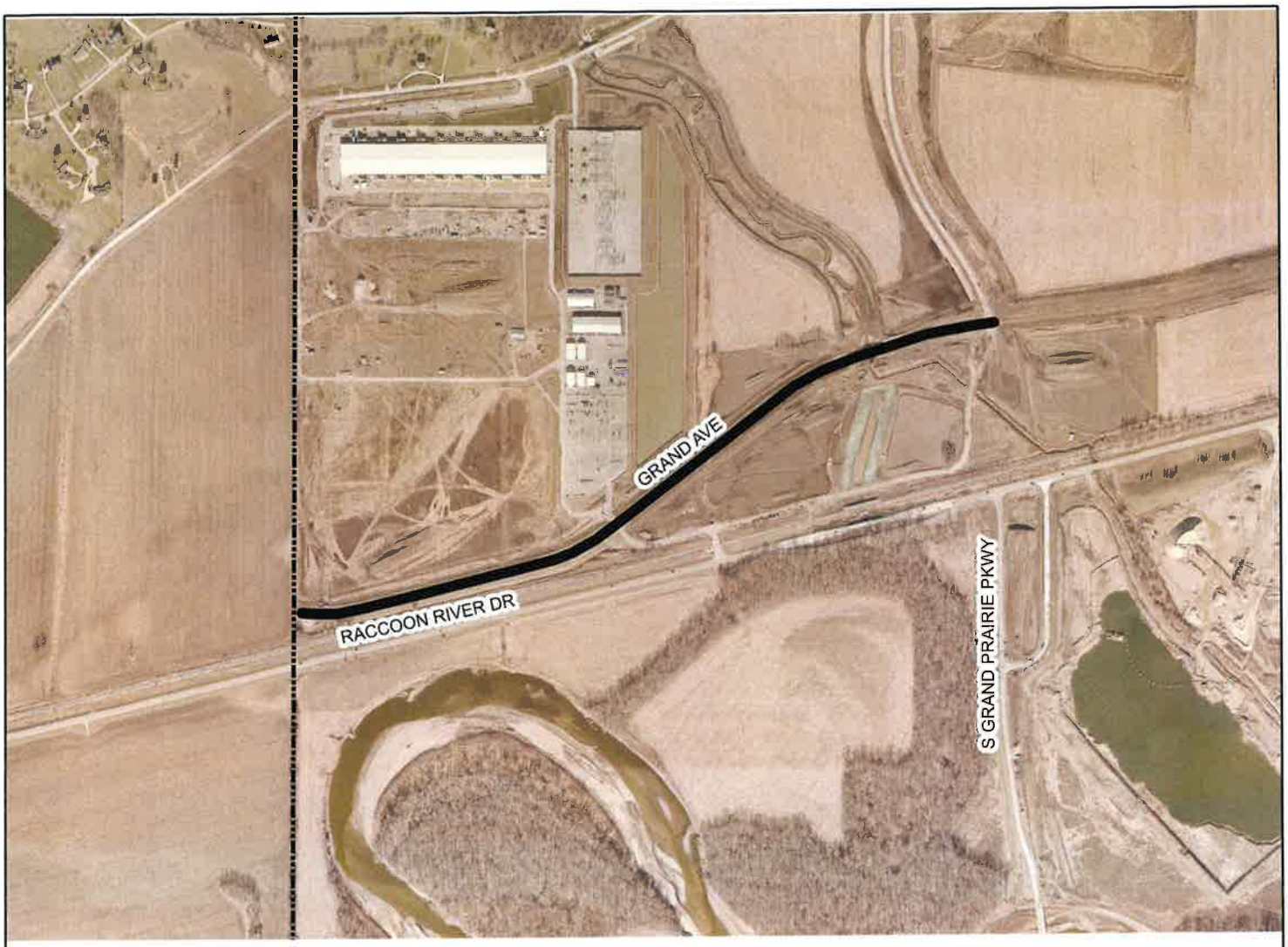
| Contractor: Elder Corporation | Recommended By: SNYDER & ASSOCIATES, INC. | Checked By: City of West Des Moines |
|---|---|---|
| Signature: | Signature: | Signature: |
| Name: Wade Harris | Name: Gabe Nelson | Name: Brian Hemesath |
| Title: Project Manager | Title: Project Engineer | Title: City Engineer |
| Date: Feb 5, 2024 | Date: Feb 5, 2024 | Date: Feb 6, 2024 |

**Signature:** Clint Carpenter

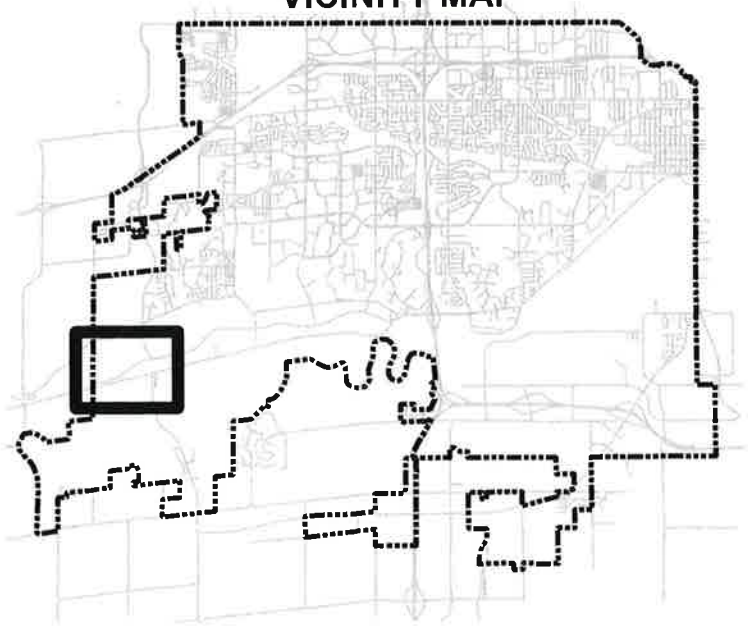
**Email:** Clint.Carpenter@wdm.iowa.gov

**Signature:** Jason Schlickbernd (Feb 6, 2024 13:35 CST)

**Email:** jason.schlickbernd@wdm.iowa.gov




## VICINITY MAP



## LEGEND

PROJECT LOCATION

N
W E
S

| | | | |
|---|---|---|---|
| THE CITY OF WEST DES MOINES | PROJECT: **Grand Avenue** | | |
| | LOCATION: **South Grand Prairie Parkway to South 115th Street** | | |
| | DRAWN BY: JPM | DATE: 1/16/2024 | PROJECT NUMBER/NAME: 0510-010-2021 | SHT. 1 of 1 |