

A-5

September 30, 2016

Mayor and City Council Members

City of La Vista

c/o Mr. John Kottmann, P.E.

City Engineer

9900 Portal Road

La Vista, Nebraska 68128

RE: Thompson Creek Channel Rehabilitation – Group B Channel Reconstruction
TD2 File No. 171-408.116

CERTIFICATE OF COMPLETION

Mayor and Council Members:

We hereby certify that Anderson Excavating Co. has completed the construction of the above-referenced project in substantial compliance with the plans and specifications.

The work was satisfactorily performed and final payment is recommended.

Respectfully submitted



Bradley P. Huyck, P.E.
Project Engineer

THOMPSON, DREESSEN & DORNER, INC.

BPH/tjp

FINAL PAYMENT RECOMMENDATION ON CONTRACT FOR THOMPSON CREEK CHANNEL
REHABILITATION GROUP B – CHANNEL RECONSTRUCTION

Owner: The City of La Vista, Nebraska
8116 Park View Blvd.
La Vista, Nebraska 68128

Contractor: Anderson Excavating Co.
1920 Dorcas Street
Omaha, NE 68108

ORIGINAL CONTRACT AMOUNT: \$1,332,728.50

REVISED CONTRACT AMOUNT PER CHANGE ORDER NO. 3 \$1,389,763.08

AMOUNT OF PREVIOUS PAYMENT RECOMMENDATIONS: \$1,347,693.44

| Item | Description | Approx. Quantities | | Unit Price | | Amount | |
|-------------------------------------|---|--------------------|------|--------------|---|--------|---------------|
| Demolition and Grading: | | | | | | | |
| 1 | Clearing and Grubbing | 1.0 | L.S. | \$ 40,540.00 | / | L.S. | \$ 40,540.00 |
| 2 | Stockpile and Redistribute Topsoil (6,500 C.Y. Moved Twice), Established Quantity | 12,000 | C.Y. | \$ 10.00 | / | C.Y. | \$ 120,000.00 |
| 3 | Common Earthwork, In Place, Established Quantity | 21,500 | C.Y. | \$ 6.00 | / | C.Y. | \$ 129,000.00 |
| 4 | Haul Excess Soil to NRD Levee Site | 15,875 | C.Y. | \$ 8.00 | / | C.Y. | \$ 127,000.00 |
| 5 | Haul Excess Soil Off Site and Dispose | 10,950 | C.Y. | \$ 9.00 | / | C.Y. | \$ 98,550.00 |
| 6 | Remove and Dispose Existing Headwall Structure and Railing | 1 | EA. | \$ 3,000.00 | / | EA. | \$ 3,000.00 |
| 7 | Remove Existing Gabion Baskets and Salvage Stone On Site | 155 | C.Y. | \$ 15.00 | / | C.Y. | \$ 2,325.00 |
| 8 | Remove and Dispose 24" - 30" Storm Sewer | 150 | L.F. | \$ 30.00 | / | L.F. | \$ 4,500.00 |
| 9 | Remove and Dispose 48" Storm Sewer | 8 | L.F. | \$ 45.00 | / | L.F. | \$ 360.00 |
| 10 | Remove and Dispose P.C.C. Pavement | 235 | S.Y. | \$ 4.50 | / | S.Y. | \$ 1,057.50 |
| 11 | Remove and Dispose 4' Tall Chain Link Fence | 310 | L.F. | \$ 5.00 | / | L.F. | \$ 1,550.00 |
| 12 | Remove, Salvage and Relocate 4' Tall Chain Link Fence | 140 | L.F. | \$ 12.00 | / | L.F. | \$ 1,680.00 |
| 13 | Remove and Salvage Playground Equipment | 1 | EA. | \$ 8,000.00 | / | EA. | \$ 8,000.00 |
| 14 | Remove and Dispose Sand Volleyball Court and Equipment | 1 | EA. | \$ 2,000.00 | / | EA. | \$ 2,000.00 |
| Infrastructure Installation: | | | | | | | |
| 15 | 30" Storm Sewer Plug, In Place | 2 | EA. | \$ 800.00 | / | EA. | \$ 1,600.00 |
| 16 | Flowable Fill In Abandoned Storm Sewer, In Place | 25 | C.Y. | \$ 240.00 | / | C.Y. | \$ 6,000.00 |
| 17 | Construct 5' x 5' Junction Box w/ Weir, In Place | 1 | EA. | \$11,000.00 | / | EA. | \$ 11,000.00 |
| 18 | Construct 54" I.D. Storm Sewer Manhole, In Place | 30 | V.F. | \$ 750.00 | / | V.F. | \$ 22,500.00 |
| 19 | Construct 54" I.D. Flat Top Storm Sewer Manhole, In Place | 10 | V.F. | \$ 800.00 | / | V.F. | \$ 8,000.00 |
| 20 | Construct 60" I.D. Flat Top Storm Sewer Manhole, In Place | 6 | V.F. | \$ 850.00 | / | V.F. | \$ 5,100.00 |
| 21 | Standard Manhole Ring and Cover, in Place | 5 | EA. | \$ 500.00 | / | EA. | \$ 2,500.00 |

Final Payment Recommendation

Thompson Creek Channel Rehabilitation Group B – Channel Reconstruction

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| Item | Description | Approx. Quantities | | Unit Price | | Amount | |
|------|--|--------------------|------|-------------|---|--------|--------------|
| 22 | Construct 24" - 30" Concrete Collar, In Place | 3 | EA. | \$ 1,600.00 | / | EA. | \$ 4,800.00 |
| 23 | Construct 24" HDPE Storm Sewer w/ Bedding, In Place | 87 | L.F. | \$ 175.00 | / | L.F. | \$ 15,225.00 |
| 24 | Construct 30" HDPE Storm Sewer w/ Bedding, In Place | 110 | L.F. | \$ 125.00 | / | L.F. | \$ 13,750.00 |
| 25 | Construct 30" RCP Storm Sewer, Class III, W/ Bedding, In Place | 220 | L.F. | \$ 200.00 | / | L.F. | \$ 44,000.00 |
| 26 | Construct 42" HDPE Storm Sewer w/ Bedding, In Place | 17 | L.F. | \$ 225.00 | / | L.F. | \$ 3,825.00 |
| 27 | Construct Type II Curb Inlet, In Place | 1 | EA. | \$ 7,500.00 | / | EA. | \$ 7,500.00 |
| 28 | Construct Type III Curb Inlet, In Place | 1 | EA. | \$ 7,500.00 | / | EA. | \$ 7,500.00 |
| 29 | Construct Edgewood Boulevard Culvert Dissipation Structure | 1 | EA. | \$20,000.00 | / | EA. | \$ 20,000.00 |
| 30 | Storm Sewer Anchor System, In Place | 10 | EA. | \$ 1,000.00 | / | EA. | \$ 10,000.00 |
| 31 | Construct SAFL Baffle System, In Place | 4 | EA. | \$ 1,800.00 | / | EA. | \$ 7,200.00 |
| 32 | Type "B" Riprap w/ Geotextile Fabric, In Place | 296.1 | TON | \$ 36.00 | / | TON | \$ 10,659.60 |
| 33 | Construct 4" P.C.C. Sidewalk Pavement, In Place | 84 | S.Y. | \$ 5.00 | / | S.Y. | \$ 420.00 |
| 34 | Construct 6" P.C.C. Driveway Pavement, In Place | 85 | S.Y. | \$ 6.00 | / | S.Y. | \$ 510.00 |
| 35 | Construct 7" P.C.C. Pavement, In Place | 96 | S.Y. | \$ 12.00 | / | S.Y. | \$ 1,152.00 |
| | Special Treatments: | | | | | | |
| 36 | Geo-Wrapped Soil Lifts, In Place | 2,174 | S.F. | \$ 25.00 | / | S.F. | \$ 54,350.00 |
| 37 | Creek Toe Stone Revetment and Bedding, In Place | 2,000 | L.F. | \$ 35.00 | / | L.F. | \$ 70,000.00 |
| 38 | Wetland Soil Amendment, In Place | 2,995 | C.Y. | \$ 10.00 | / | C.Y. | \$ 29,950.00 |
| 39 | Cross-Vane Grade Control Structure, In Place | 13 | EA. | \$ 5,000.00 | / | EA. | \$ 65,000.00 |
| 40 | Gabion Baskets W/ Recycled Stone, In Place | 67 | C.Y. | \$ 105.00 | / | C.Y. | \$ 7,035.00 |
| 41 | Tensar Bionet C125BN (Or Approved Equal, In Place | 4,400 | S.Y. | \$ 2.75 | / | S.Y. | \$ 12,100.00 |
| 42 | Tensar Bionet SC150BN (Or Approved Equal), In Place | 28,320 | S.Y. | \$ 2.00 | / | S.Y. | \$ 56,640.00 |
| | Erosion Control: | | | | | | |
| 43 | Maintain and Remove Stabilized Construction Entrance | 3 | EA. | \$ 1,500.00 | / | EA. | \$ 4,500.00 |
| 44 | Maintain and Remove Inlet Filters | 14 | EA. | \$ 125.00 | / | EA. | \$ 1,750.00 |
| 45 | Maintain Fabric Silt Fence, In Place | 3,390 | L.F. | \$ 2.50 | / | L.F. | \$ 8,475.00 |
| 46 | Remove and Dispose Fabric Silt Fence | 3,390 | L.F. | \$ 1.00 | / | L.F. | \$ 3,390.00 |
| 47 | Water Management, Complete | 1 | L.S. | \$98,400.00 | / | L.S. | \$ 98,400.00 |
| 48 | United Seed Super Turf 2 Permanent Seed w/ Straw Mulch | 3.0 | AC. | \$ 3,000.00 | / | AC. | \$ 9,000.00 |
| 49 | Maintain and Remove Orange Safety Fence | 430 | L.F. | \$ 1.00 | / | L.F. | \$ 430.00 |

Final Payment Recommendation
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| Item | Description | Approx. Quantities | | Unit Price | | Amount | |
|---|---|--------------------|------|--------------|--------|-----------------------|--|
| Planting: | | | | | | | |
| 50 | Stream Bank Seeding, In Place | 0.46 | AC. | \$ 3,500.00 | / AC. | \$ 1,610.00 | |
| 51 | Low Prairie Seeding, In Place | 1.47 | AC. | \$ 2,800.00 | / AC. | \$ 4,116.00 | |
| 52 | Upland Prairie Seeding, In Place | 2.75 | AC. | \$ 2,000.00 | / AC. | \$ 5,500.00 | |
| 53 | Wet Meadow Seeding, In Place | 0.7 | AC. | \$ 3,000.00 | / AC. | \$ 2,100.00 | |
| 54 | Access Path Seeding, In Place | 0.1 | AC. | \$20,000.00 | / AC. | \$ 2,000.00 | |
| 55 | Willow Live Stakes, In Place | 2,050 | EA. | \$ 20.00 | / EA. | \$ 41,000.00 | |
| 56 | Install 1-1/2" Caliper trees, In Place | 7 | EA. | \$ 450.00 | / EA. | \$ 3,150.00 | |
| 57 | Install Six Feet Tall Conifer Trees, In Place | 4 | EA. | \$ 450.00 | / EA. | \$ 1,800.00 | |
| 58 | Deep Cell Plugs, In Place | 1,600 | EA. | \$ 10.00 | / EA. | \$ 16,000.00 | |
| 59 | Year One Maintenance For Project Area | 0 | L.S. | \$15,000.00 | / L.S. | \$ 0.00 | |
| 60 | Year Two Maintenance For Project Area | 0 | L.S. | \$10,000.00 | / L.S. | \$ 0.00 | |
| 61 | Year Three Maintenance For Project Area | 0 | L.S. | \$ 8,000.00 | / L.S. | \$ 0.00 | |
| Parkland Amenities: | | | | | | | |
| 62 | Reinstall Salvaged Playground Equipment at Triangle Park | 1 | EA. | \$87,155.56 | / EA. | \$ 87,155.56 | |
| 63 | Construct Volleyball Court, In Place | 1 | EA. | \$14,000.00 | / EA. | \$ 14,000.00 | |
| 64 | Install New 42" Tall Galvanized Chain Link Fence, In Place | 120 | L.F. | \$ 12.00 | / LF. | \$ 1,440.00 | |
| 65 | Install Six Feet Tall, White PVC Privacy Fence, In Place | 60 | L.F. | \$ 20.00 | / LF. | \$ 1,200.00 | |
| Hourly Rates: | | | | | | | |
| 66 | Labor | 16 | HRS | \$ 40.00 | / HRS | \$ 640.00 | |
| 67 | CAT 257B (Or Equivalent) W/ Operator | 16 | HRS | \$ 95.00 | / HRS | \$ 1,520.00 | |
| 68 | CAT 225 (Or Equivalent) W/ Operator | 16 | HRS | \$ 150.00 | / HRS | \$ 2,400.00 | |
| 69 | CAT D7 (Or Equivalent) W/ Operator | 16 | HRS | \$ 140.00 | / HRS | \$ 2,240.00 | |
| 70 | CAT 977 (Or Equivalent) W/ Operator | 16 | HRS | \$ 140.00 | / HRS | \$ 2,240.00 | |
| 71 | Side Dump Truck (Or Equivalent) W/ Operator | 16 | HRS | \$ 110.00 | / HRS | \$ 1,760.00 | |
| SUBTOTAL | | | | | | \$1,364,695.66 | |
| Additions per Change Order No. 2: | | | | | | | |
| 2.1 | Repair of Grade Control Structure Upstream from 72 nd Street | 1 | EA. | \$ 11,901.35 | / EA. | \$ 11,901.35 | |
| 2.2 | Drain Tile Extensions from Residences | 1 | L.S. | \$ 6,095.00 | / L.S. | \$ 6,095.00 | |
| 2.3 | Additional Finish Grading on Residential Properties | 1 | L.S. | \$ 2,300.00 | / L.S. | \$ 2,300.00 | |
| Total Additions per Change Order No. 2 | | | | | | \$ 20,296.35 | |
| Additions per Change Order No. 3: | | | | | | | |
| 3.1 | Park View Boulevard utility conflicts | 1 | L.S. | \$ 1,332.92 | / L.S. | \$ 1,332.92 | |
| 3.2 | Repair of Grade Control Structure Upstream of 72 nd Street | 1 | L.S. | \$ 8,118.16 | / L.S. | \$ 8,118.16 | |
| 3.3 | 73 rd Avenue Paving and Storm Sewer Repairs | 1 | L.S. | \$ 20,512.09 | / L.S. | \$ 20,512.09 | |

Final Payment Recommendation

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| Item | Description | Approx. Quantities | Unit Price | Amount |
|------|--|--------------------|---------------------|-----------------------|
| 3.4 | Additional Repairs to Channel Slope Downstream of Edgewood Boulevard | 1 L.S. | \$ 10,779.50 / L.S. | \$ 10,779.50 |
| 3.5 | Additional Seeding and Erosion Matting | 0 L.S. | \$ 20,000.00 / L.S. | \$ 0.00 |
| 3.6 | Additional Park View Boulevard Sidewalk Repairs | 428 S.F. | \$ 5.00 / S.F. | \$ 2,140.00 |
| | Total Additions per Change Order No. 3 | | | \$ 42,882.67 |
| | Deductions per Change Order No. 1: | | | |
| | October 9, 2015 Completion Date | | | |
| | October 19 to December 23 (Complete) | 66 days | \$ 100.00 / day | (\$ 6,600.00) |
| | November 1, 2015 Completion Date | | | |
| | November 9 to December 23 and March 14 to July 11 (suspended) | 165 days | \$ 100.00 / day | (\$ 16,500.00) |
| | May 1, 2016 Completion Date | | | |
| | May 9 to July 11 (suspended) | 64 days | \$ 100.00 / day | (\$ 6,400.00) |
| | TOTAL DEDUCTIONS | | | (\$ 29,500.00) |
| | TOTAL | | | \$1,389,374.68 |
| | LESS PREVIOUS PAYMENT | | | |
| | RECOMMENDATIONS | | | \$1,347,693.44 |
| | AMOUNT DUE CONTRACTOR | | | \$ 41,681.24 |

We recommend that payment in the amount of \$41,681.24 be made to Anderson Excavating Co.

Respectfully submitted,

Bradley P. Huyck, P.E.
Project Engineer

THOMPSON, DREESSEN & DORNER, INC.

BPH/tjp

cc: Anderson Excavating Co.

O.K. to pay

BFM 9-23-2016

05.71.0855.03 (City)