

**AMENDMENT NO. 1 TO AGREEMENT**

**Project:** Sheridan Lake Road Reconstruction – Corral Drive to Catron Boulevard  
Project No. 20-2579 / CIP 51122

**Background Data:**

This project includes urban street reconstruction and utility adjustments along Sheridan Lake Road, including 5 lanes, curb & gutter, intersection improvements, storm sewer, sidewalk/bike path, street lighting and signalization, retaining walls, and adjustments to the existing sanitary sewer and water mains as necessary.

**Nature of Amendment:**

Project scope has been amended to include the following additional items: design and plan preparation for a new traffic signal of US 16 and Moon Meadows Drive; design and plan preparation for water system reconfiguration at Sheridan Lake Road and Catron Boulevard; Additional effort to create a second set up plans for the Breakout Project; and set property corners disturbed during construction and for newly acquired ROW.

**Current Contract Amount:**           **\$928,960.00**

**Change Requested:**               **\$61,170.00**

**New Contract Amount:**           **\$990,130.00**

Owner and Engineer hereby agree to modify the above referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The effective date of this Amendment is:  
\_\_\_\_\_.

CITY OF RAPID CITY:  
  
By: \_\_\_\_\_  
      Jason Salamun, Mayor

Engineer:  
  
By: \_\_\_\_\_  
      John Van Beek, PE  
      Avid 4 Engineering

Date Signed: \_\_\_\_\_

Date Signed: \_\_\_\_\_

ATTEST:  
  
By: \_\_\_\_\_  
      Daniel Ainslie, Finance Director

Date Signed: \_\_\_\_\_



**Sheridan Lake Road Reconstruction – AMENDMENT 1**  
**PROJECT NO. 20-2579 / CIP 51122**

---

**EXHIBIT A**

The City of Rapid City has determined the need to procure professional services including Preliminary Design Services, Final Design Services, and Bidding Services for the Sheridan Lake Road Reconstruction Project. This project includes urban street reconstruction and utility adjustments along Sheridan Lake Road from Catron Boulevard to Corral Drive including five (5) lanes, curb & gutter, intersection improvements, storm sewer, sidewalk/bike path, street lighting and signalization, retaining walls, and adjustments to the existing sanitary sewer and water mains as necessary.

**AMENDMENT 1** includes the following requested tasks:

1. Design and plans preparation for the installation of a new traffic signal system at the intersection of US16/Mt. Rushmore Road and Moon Meadows Drive.
2. Design and plans preparation for water system reconfiguration at the intersection of Sheridan Lake Road and Catron Boulevard. During the water main bore across Sheridan Lake Road as part of the Sunburst Drive Reconstruction project (Project No. 19-2532/CIP 51253), an adjacent water main was hit, and an emergency repair was completed that resulted in a high point in the water system.
3. Additional effort to create a second set of plans for the Breakout Project that was not contemplated in the original scope.
4. Set property corners that are disturbed during construction and at newly acquired right-of-way.

Task 1 - US16/Mt. Rushmore Road and Moon Meadows Drive Traffic Signal:

- 1.1 Kick-off Conference: The Engineer shall meet with City staff to detail project concept and scope.
- 1.2 Review background information in as-built intersection plans, and any other resources as necessary.
- 1.3 Perform site surveys sufficient for design plan preparation. The route and topography survey shall be in NAD 83 (2011) NAVD 88 South Dakota State Plane South Zone. The horizontal and vertical coordinates shall be established from the Rapid City Primary Control Network.
- 1.4 Provide project layout to include lot lines (front and side) and addresses of all properties (adjacent to construction, or alternatively, in service area).
- 1.5 Electrical Design: Provide electrical engineering services through Subconsultant contract with West Plains Engineering.
  - A. Design and layout of new traffic signal system.
- 1.6 Alignment Data and Survey Control Sheet.
- 1.7 Construction traffic control sheets.
- 1.8 Pavement marking and permanent signing sheets.
- 1.9 Signal timing sheets.

**Sheridan Lake Road Reconstruction – AMENDMENT 1**  
**PROJECT NO. 20-2579 / CIP 51122**

---

Task 2 – Water System Reconfiguration:

- 2.1 Perform as-constructed survey of emergency repair during construction of the Sunburst Drive Reconstruction Project.
- 2.2 Review background information in as-built and current construction plans, and any other resources as necessary.
- 2.3 Design and layout of solution to resolve the high point resulting from the emergency repair.
- 2.4 Modify Sheridan Lake Road plans to include reconfiguration of the water main.

Task 3 – Breakout Project Plans:

- 3.1 Create plans for the Sheridan Lake Road Breakout project for 95% and Final Design Services submittals.

Task 4 – Set Property Corners:

- 4.1 Re-establish property corners disturbed during construction.
- 4.2 Set property corners on new right-of-way after construction is complete.

**SHERIDAN LAKE ROAD RECONSTRUCTION - AMENDMENT 1  
PROJECT NO. 20-2579 / CIP 51122**

**EXHIBIT B**

<b>Task #</b>	<b>Description</b>	<b>Avid4 Total</b>	<b>Subconsultant Fee</b>	<b>Subtask Total</b>
1.1	Kickoff Conference	\$690.00		\$690.00
1.2	Gather/Review Background Information	\$1,540.00		\$1,540.00
1.3	Topographic Survey	\$3,480.00		\$3,480.00
1.4	Legal Survey and Research	\$1,810.00		\$1,810.00
1.5	Electrical Design by West Plains Engineering and Avid4 Coordination	\$825.00	\$9,350.00	\$10,175.00
1.6	Alignment Data Sheet	\$430.00		\$430.00
1.7	Construction Traffic Control	\$610.00		\$610.00
1.8	Pavement Marking and Signing	\$1,190.00		\$1,190.00
1.9	Signal Timing	\$540.00		\$540.00
<b>TASK 1 TOTAL</b>				<b>\$20,465.00</b>
2.1	As-Constructed Survey	\$470.00		\$470.00
2.2	Gather/Review Background Information	\$435.00		\$435.00
2.3	Water System Design	\$935.00		\$935.00
2.4	Plans Revisions	\$1,050.00		\$1,050.00
<b>TASK 2 TOTAL</b>				<b>\$2,890.00</b>
3.1	Breakout Project Plans	\$22,780.00	\$9,800.00	\$32,580.00
<b>TASK 3 TOTAL</b>				<b>\$32,580.00</b>
4.1	RE-Establish Property Corners after Construction	\$2,485.00		\$2,485.00
4.2	Set Property Corners on New ROW	\$2,750.00		\$2,750.00
<b>TASK 4 TOTAL</b>				<b>\$5,235.00</b>
<b>SUBTOTAL FOR TASKS 1 - 3</b>				<b>\$61,170.00</b>
<b>MAXIMUM LIMITING FEE</b>		<b>\$61,170.00</b>		

- Civil Engineering
  - Water Resources
    - Transportation
      - Geospatial Solutions

## EXHIBIT C

### SHERIDAN LAKE ROAD RECONSTRUCTION PROJECT NO. 20-2579 / CIP 51122

#### SCHEDULE OF CHARGES

<u>EMPLOYEE CLASSIFICATION</u>	<u>HOURLY RATE</u>
Principal Professional Engineer	\$185.00
Principal Professional Engineer/Professional Land Surveyor	\$185.00
Professional Engineer IV	\$160.00
Professional Engineer III	\$140.00
Professional Engineer II	\$125.00
Professional Engineer I	\$115.00
Geospatial Analyst	\$120.00
Graduate Engineer III	\$105.00
Graduate Engineer II	\$95.00
Graduate Engineer I	\$85.00
Senior Technician	\$125.00
Technician III	\$95.00
Technician II	\$85.00
Technician I	\$80.00
CAD Technician II	\$110.00
CAD Technician I	\$80.00
Office Manager	\$110.00
Clerical	\$70.00
Mileage	\$ 0.655

*Notes:*

*Rates are subject to change on January 1 of each year.*

*Yearly increase will be a maximum of 3%, rounded up to the nearest whole dollar (\$1.00).*

*An updated Exhibit C will be provided annually documenting adjusted billing rates for the year.*

<b>WPE EMPLOYEE CLASSIFICATION</b>	<b>HOURLY RATE</b>
Principal	\$275.00
Office Manager	\$235.00
Project Manager	\$200.00
Senior Project Engineer/Designer	\$160.00
Project Engineer/Designer	\$135.00
Designer II	\$107.00
Designer	\$98.00
Draftsperson II	\$90.00
Draftsperson	\$74.00
Administration/Clerical	\$70.00