

**Journey Group Companies dba  
AINSWORTH/BENNING CONSTRUCTION**

Box 40 / 345 Industrial Drive / Spearfish, South Dakota 57783  
Telephone: (605)642-4716 / Fax: (605) 642-7887

TO: City of Deadwood

ATTN: Kevin K

LETTING DATE:

PROPOSAL DATE:

PROJECT NAME:

PROJECT NO.:

LOCATION:

ARCHITECT:

March 21, 2022

Outlaw Square Truss Repair

Deadwood, SD

N/A

**Instillation of new metal brackets on**

NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT COST	EXTENDED COST
1	Outlaw Square Roof Truss Repair	1s	\$52,321.00	\$52,321.00
				<b>\$52,321.00</b>

**Note:** This budget number does not include:

Replacing beams used to create roof truss.

Welding or powder coating any materials not specified by Albertson Engineering.

Any structural work not specified by Albertson Engineering.

Removing & Replacing Electrical sound/lighting that is attached to back of truss.

**Note:** This budget number does include:

Repair roof truss top cord as specified by Albertson Engineering in AE Project #2018-405 and the attached clarification email dated: 03/21/2022 @9:48AM

Install 8 metal T brackets and fastners as specified by Albertson Engineering.

**Proposal Accepted by:**

**Date:**

Respectfully submitted,

Branden Ginter  
Project Manager  
Ainsworth-Benning Construction  
[brandenginter@ainsworthbenning.com](mailto:brandenginter@ainsworthbenning.com)

**From:** [Branden Ginter](#)  
**To:** [Kevin Wagner](#)  
**Cc:** [Tate Johnson](#)  
**Subject:** FW: Outlaw Square Truss follow  
**Date:** Monday, March 21, 2022 11:53:41 AM  
**Attachments:** [image011.png](#)  
[image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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**Branden Ginter**  
Project Manager | **Ainsworth-Benning Construction**  
**M:** 605-641-7321  
**W:** [AinsworthBenning.com](http://AinsworthBenning.com)  
**A:** 345 Industrial Dr, Spearfish, SD 57783



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**From:** Jared Schippers <jared@albertsonengineering.com>  
**Sent:** Monday, March 21, 2022 9:48 AM  
**To:** Branden Ginter <brandenginter@ainsworthbenning.com>  
**Subject:** RE: Outlaw Square Truss follow

Branden,

We expect the new deflection to be less once the plates are installed. It cannot be fully quantified because we do not know the slip in each and every individual connection. We do not expect the new sag to be zero, either.

It is not the contractor's responsibility to achieve a certain "sag". The responsibility of the contractor is to install the new plates per the repair design details. The critical piece of all this is that the slot cut into the splice exactly matches the thickness of the inserted plate. This step should be inspected by Trent Mohr (Deadwood's Inspector).

Hope this helps.

Thank you,

Jared

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**From:** Branden Ginter <[brandenginter@ainsworthbenning.com](mailto:brandenginter@ainsworthbenning.com)>  
**Sent:** Monday, March 21, 2022 9:26 AM

**To:** Jared Schippers <[jared@albertsonengineering.com](mailto:jared@albertsonengineering.com)>

**Subject:** RE: Outlaw Square Truss follow

Jared,

Follow up question before I submit numbers to Deadwood on this project.

Per the Stage Truss Assessment & Repair Report, "the sag was found to be approximately 2". As you and I discussed via phone call that there will still be a sag in the truss once the work is completed, it is just a unknown of how much. Does the city of Deadwood and/or Albertson Engineering have a measurement of what is the allowable/ exact tolerance the truss has to fall within once complete? Thanks.



**Branden Ginter**

Project Manager | **Ainsworth-Benning Construction**

**M:** 605-641-7321

**W:** [AinsworthBenning.com](http://AinsworthBenning.com)

**A:** 345 Industrial Dr, Spearfish, SD 57783



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**From:** Jared Schippers <[jared@albertsonengineering.com](mailto:jared@albertsonengineering.com)>

**Sent:** Monday, March 21, 2022 7:49 AM

**To:** Branden Ginter <[brandenginter@ainsworthbenning.com](mailto:brandenginter@ainsworthbenning.com)>

**Subject:** RE: Outlaw Square Truss follow

Branden,

Sounds right.

Thanks,

Jared

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**From:** Branden Ginter <[brandenginter@ainsworthbenning.com](mailto:brandenginter@ainsworthbenning.com)>

**Sent:** Friday, March 18, 2022 2:45 PM

**To:** Jared Schippers <[jared@albertsonengineering.com](mailto:jared@albertsonengineering.com)>

**Subject:** Outlaw Square Truss follow

Jared,

Following up on our phone conversation that we had earlier.

- The design for where to lift and lifting the truss is accurate and needs no modification.
- The truss will be lifted and the "T plates" installed as designed, the top cord of the wood truss will be tight to the plates once pressure is released.

- There will still be an unknown amount of sag in the truss once the work is completed as designed.
- No loosening of existing bolts that connect metal bracing to wood top and bottom cords is needed to complete work as designed.
- There is no work to be preformed on the bottom cord of the truss.

Let me know if this is correct or if anything needs to be changed.



**Branden Ginter**

Project Manager | **Ainsworth-Benning Construction**

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