

From: JED SLAMA <jed@jsc-builders.com>  
Subject: Fwd: Bridge  
Date: December 7, 2022 at 9:10:42 AM MST  
To: Jenny Pulsipher <jennypulsipher@gmail.com>

JSC Custom Homes & Remodeling  
Jed Slama Construction Corp  
801-430-6622

**From:** Mike Dent <mike.dent@yorkengineering.com>  
**Sent:** Wednesday, December 7, 2022 9:08:50 AM  
**To:** JED SLAMA <jed@jsc-builders.com>  
**Subject:** RE: Bridge

Hopefully this will do ya. Let me know if not. See attached.  
Thanks!

Mike Dent  
mike@yorkengr.com  
(801) 876-3501



Approachable, Practical & Efficient

**From:** JED SLAMA <jed@jsc-builders.com>  
**Sent:** Tuesday, December 06, 2022 4:05 PM  
**To:** Mike Dent <mike.dent@yorkengineering.com>  
**Subject:** Re: Bridge

Mike they are all 1/4" beams.

JSC Custom Homes & Remodeling  
Jed Slama Construction Corp  
801-430-6622

**From:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Sent:** Tuesday, December 6, 2022 2:24:02 PM  
**To:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Subject:** Re: Bridge

No worries sir thanks for the quick reply. One side has 3 I beams and the other has two. The third on the one side being smaller at 6x4.

I will swing by this afternoon and see what the flange thickness is and then let you know.

Thanks again

Jed

JSC Custom Homes & Remodeling  
Jed Slama Construction Corp  
801-430-6622

**From:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Sent:** Tuesday, December 6, 2022 2:15:40 PM  
**To:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Subject:** RE: Bridge

Jed,

Was just getting to this today. Sorry about the delay and all the questions. Sounds like there are (4) I beams total (2 per side). Correct? I can show that these can hold the load you stated if you can verify that the beam flanges are at least 1/4" thick steel. If they are 3/16" thick I may still be able to, let me know. I believe the smallest 8" x 4" I beam would have 3/16" thick flanges. I agree that the bridge would only have one axle group on it at a time so the reduced load should be justified. Thanks!

Mike Dent  
[mike@yorkengr.com](mailto:mike@yorkengr.com)  
(801) 876-3501



Approachable, Practical & Efficient

**From:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Sent:** Tuesday, December 06, 2022 1:28 PM  
**To:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Subject:** Re: Bridge

Good afternoon Mike I am just checking in to see if you had any luck with this? Let me know

. Thank you.

Jed

JSC Custom Homes & Remodeling  
Jed Slama Construction Corp  
801-430-6622

**From:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Sent:** Wednesday, November 30, 2022 7:05:51 AM  
**To:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Subject:** RE: Bridge

Jed,

Thanks for the info. I'll see what we can come up with by calculation. If we can't show it works then "testing" as you suggest, might be the way to go. Thanks.

Mike Dent  
[mike@yorkengr.com](mailto:mike@yorkengr.com)  
(801) 876-3501



Approachable, Practical & Efficient

**From:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Sent:** Tuesday, November 29, 2022 5:38 PM  
**To:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Subject:** Re: Bridge

Mike here is what it is made from:

Across the top are 4x12 timbers.  
Below is a little tricky to explain. However in the travel path of the tires there are 2 per side, 4x8 I beams spaced 4" apart. Then there are 2- 5x20 beams inside of those laying flat. On one side of the bridge they have a 4x6 I beam and a 5x6 wood beam to the outside of the two steel 4x8 beams, and the other side has a 4x20 beam laying flat. I hope that makes sense?

Being this is only 8' wide, it really only needs to be able to support an axle group. Utah bridge law only allows a dual axle group to weigh 38,000 lbs max. So this would be what this bridge should technically hold. Although the county will want the wording to say 75,000 even though that weight will never be applied in that small amount of space...

I hope that helps. And again, I can physically prove this bridge will hold that weight if needed.

Jed Slama  
Jed Slama Construction Corp  
Cell 801-430-6622  
Office/fax 801-745-2512

**From:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Sent:** Tuesday, November 29, 2022 12:02 PM  
**To:** JED SLAMA <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Subject:** RE: Bridge

Jed,

Thanks for the additional info. What is the size and spacing of the wood beams? Looks like the decking is 6x? Thanks.

Mike Dent  
[mike@yorkengr.com](mailto:mike@yorkengr.com)  
(801) 876-3501



*Approachable, Practical & Efficient*

**From:** Jed Slama <[jed@jsc-builders.com](mailto:jed@jsc-builders.com)>  
**Sent:** Tuesday, November 29, 2022 10:12 AM  
**To:** Mike Dent <[mike.dent@yorkengineering.com](mailto:mike.dent@yorkengineering.com)>  
**Subject:** Bridge

Mike here are some pictures of that bridge/culvert.  
It sits on concrete footings, is 12' wide and spans 8'.

JSC Custom Homes & Remodeling  
Jed Slama Construction Corp  
801-430-6622