

Pre-Construction Meeting Agenda

Davison County Rehabilitation Str. #18-160-084 & Str. #18-169-080

Monday, February 12, 2018 @ 2:00 PM

I. Introductions

A. Contractors

Industrial Builders, Inc.
PO Box 406
Fargo, ND 58107-0406
O: (701) 356-9830 F: (701) 281-1409
Aaron Anderson
Email: aanderson@industrialbuilders.com

Site Supervisor will be Chad Milbrath (701) 793-6179

24-hour emergency contact will be Chad Milbrath (701) 793-6179

Provide list of all Suppliers and Subcontractors with Name, address, phone numbers, email (if any changes from Firesteel Creek Bridge – **no changes**)

B. Engineer

Civil Design Inc
609 Main Avenue South
Brookings, SD 57006
O: 605.696.3200 F: 605.696.3220

	Phone:	email:
President - Carey Bretsch, PE	605.696.3200	cbretsch@civildes.com
Project Engineer – Chris Brozik, PE	605.480.0979	cbrozik@civildes.com
Field Engineer – Brian Ruppelt, EIT	605.251.1803	bruppelt@civildes.com

The Field Engineer will be Brian Ruppelt.

C. Owner

Davison County Highway Department
1224 West 5th Ave.
Mitchell, SD 57301
O: 605.995.8625

Highway Superintendent – Rusty Weinberg rusty@davisoncounty.org

During construction, the principal contact in the field will be Rusty Weinberg
Cell (605) 770-9612

D. Materials Testing & Inspections – **Civil Design, Inc.**

Contact: Ryan Jacobsen 605.695.5604

II. Responsibilities

Contractor – Build according to plans

- Accurate record keeping and daily construction logs are the contractor's responsibility.
- Contractor shall inspect all materials prior to installation to be sure they comply with construction documents and are clean, free of faults, and in good working order and/or condition.
- Contractor shall be responsible for safety of all personnel and personnel of subcontractors. Engineer and Owner are not responsible for contractor's accidents or injuries.
- Contractor shall have on site a qualified site supervisor at all times when work is being done at the site.
- Contractor and all subs shall contact South Dakota One call prior to digging.
- Contractor will be required to coordinate with other work being done in the area including utility contractors.
- Contractor shall provide sources of gravel and aggregates that will be used on the project as soon as possible to allow the geotechnical inspector and materials tester to establish Proctor test data. **(Industrial Builders will be using the same source as Str. 18-160-084)**
- Contractor shall make every effort to maintain a clean and safe construction site.
- Contractor shall make every effort to minimize erosion and sediment transport. No site generated sediment shall leave the construction site. Weekly inspections of erosion controls are expected and after each rainfall event greater than 0.5 inches. **(Work on the damaged bent is expected to occur while the James River is still frozen)**

Structure Work

- Low slump overlay mix & material certification submittals.
- Contractor shall notify CDI a minimum of 48 hours prior to pouring concrete to inspect forms, falsework, chamfer strips, reinforcement, tying of reinforcement, chair locations, etc. Concrete pour will not be allowed until the Engineer has approved all formwork and reinforcement.

Davison County

- Arrange for utility relocation and adjustments, if any exist.
- Remove and salvage existing signs and object markers.
- Remove silt fence after vegetation is established.

Agent for Owner is Civil Design Inc.

Requested Construction Staking will be performed by Civil Design Inc. Staking requests shall be submitted 48 hours in advance.

Requests for Change Orders or Information shall be submitted to Civil Design Inc electronically.

All material substitutions shall be submitted to Civil Design Inc electronically at least 15 days prior to ordering.

All shop drawing submittals shall be sent to Civil Design Inc at least 15 days prior to fabrication. Submittals/Approved Products – low slump overlay mix

Contractor shall call for material testing and inspection with no less than 48 hours advance notice prior to proceeding, ie, subgrade shall meet compaction requirements prior to placing base course, backfill, etc.

All required weight tickets shall be provided to Civil Design Inc. (base course, asphalt)

Field changes from project plans shall be verified by Civil Design Inc. prior to beginning the work.

III. Schedule

Contractor shall provide a construction project schedule prior to beginning work.

Industrial Builders went over their construction schedule (See attached). Not included on the schedule is the milling of the surface that will take place the first week of construction. Industrial Builders expects to be finished by late May/early June. Chris reminded Industrial Builders to submit a revised schedule as changes are made and construction progresses.

Any substantial changes in project schedule shall be submitted to CDI. Contractor shall provide an updated schedule at each milestone construction meeting.

IV. Site

A. Special considerations

Contractor shall provide on plan sheets or otherwise indicate preferred locations of construction staging, equipment and materials storage, and parking.

Discussion was had on whether Industrial Builders could stage equipment on the northeast landing until traffic control is set up. Davison County said that should be acceptable. Industrial Builders expects to move equipment to beyond the bridge ends once traffic control is set up. Aaron asked if it was acceptable to move the traffic barriers further west to allow for more room for materials and equipment. Chris and

Rusty agreed this would be fine as there are no field approaches near the west end of the bridge.

Special Consideration by Owner include.....

Rusty reminded Industrial Builders that their guardrail subcontractor needs to do a better job of cleaning up debris after installing the guardrail.

Traffic barriers should not be installed until after all other traffic control is set up and the expected time to close the bridge has occurred. Industrial Builders expects to close the bridge to traffic Monday February 19, 2018 at about 9 or 10 AM.

Rusty will put out a press release to notify the public of the upcoming bridge closure.

Davison County Highway Department and Davison County Emergency Management would contact the sheriff's department and Hanson County Emergency Management to inform them of the upcoming bridge closure. The traffic control plan was reviewed to ensure traffic has advance warning and is directed properly onto the traffic control route.

Special Considerations by Engineer include....

A biweekly meeting will be held on-site between Industrial Builders, Civil Design, and Davison County Highway Department.

Due to the early start and the expected cold weather it was emphasized the importance of cold weather concreting requirements as specified by the SDDOT Specifications. Industrial Builders has thermal blankets and heating coils they will use as needed. Aaron pointed out the SDDOT requirement that restricts pouring deck concrete before April unless specified by the Engineer. Chris stated we would discuss that as we get closer and determine if it would be acceptable to pour the concrete deck before April based on the weather.

Brian reminded Industrial Builders that the quantity of deck drains as shown on the plans is incorrect (there are 20 deck drains instead of 28).

Erosion control, specifically silt fence, should be left in place until vegetation is established.

Special Considerations by Industrial Builders include

Aaron asked Rusty if Davison County would have a few trucks they could use to haul away the millings from the bridge. Rusty said they should have trucks available to haul millings.

Aaron requested that Civil Design resend the revised traffic control to ensure all changes are included for the traffic control subcontractor.

V. Miscellaneous

- A. Milestone Construction meetings
- B. As-built drawings will be prepared by Civil Design Inc. Contractor shall provide notes, drawings, etc. to assist in this process. The Contractor is responsible for completing a Bridge Elevation Survey and providing data to the Engineer.
- D. Progress payments will be made bi-weekly. The Contractor shall have progress payments submitted to the Engineer by **every other Monday**. The Engineer will have progress payments to the Owner by **Wednesday** so the Owner can make payments on the **following Tuesday**.
- E. Final Payments will be based on field measurements and plans quantities as stated in the plans. It is the Prime Contractor's responsibility to get with all Subcontractors to verify quantity for payment to ensure there are no issues when closing out the project.
- F. Final Completion Date: **Wednesday, August 1, 2018** for Str. 18-169-080.

Contractor anticipated start date: February 19, 2018 for Str. 18-169-080