MEETING MINUTES

Project: University of Wisconsin – Eau Claire
University Student Center

Project No.: 07E2D / 2934

Meeting Date: Tuesday | May 10, 2011

Present: Neal Shurden  DSF
John Zimmerman  HVP-DSF
Chris Hessel  UWEC
Beth Hellwig  UWEC
Charles Farrell  UWEC
Ross Kraemer  Kraemer Brothers
Jason Perry  Kraemer Brothers
Ed Wynhoff  Kraemer Brothers
Junior Ruf  B+B Electric
Brady Shepler  McCabe
Kyle Clark  Bray Architects

Reported By: Kyle Clark

Purpose of Meeting: Construction Progress Meeting 04

Discussion/Action

1. Work Progress Past Two Weeks
   a. The Rammed Aggregate Pier installation is complete; Steve Weyda of Ground Improvement Engineering gave the go ahead to install the footings and foundations north of the Demarcation Line.
   b. Footings and foundations are progressing from west to east, footings are 59% complete and foundation walls are 35% complete, column pads are 34% complete.
      i. Contractor needs to be sure they are snapping of the ties and covering snapped ends with mastic prior to back filling.
   c. The rebar pads and piers are being pre-tied to the greatest extent possible and installation is progressing with the forming.
   d. Electrical rough-in is progressing with the footings and foundations
   e. Masonry silos have been set, all masonry rebar and reinforcement are on site
   f. Masonry began with the Cabin Stair on 5/9/11, Elevator L and the wall along B line working from west to east.
   g. Stair 5 precast to elevation 34’ began on 5/9/11 and Stair 4 precast is scheduled for 5/11/11.
h. The southern half of the Phase 2 fencing along the loading dock drive has been relocated; this area is being used for masonry materials storage.

2. Work Scheduled For Next Two Weeks
   a. The answer for RFI #63 has been received and the sanitary sewer tie-in at the Nursing School will begin on 5/10/11; this will allow for the installation of the storm sewer to begin
   b. Footings and foundations are to continue moving towards the west side of 7 line, rebar will progress with the forming. MEP’s rough-in is progressing with this work.
   c. Precast for Stair 3 and Stair 2 is scheduled for 5/16-5/17
   d. The first loads of structural steel are scheduled to arrive on 5/12/11.
      i. Steel will be stored within the building pad on dunnage.
      ii. Contractor is reminded to keep steel and free from rust and dirt.
   e. Structural steel will continue working from west to east and will be erected to the 3rd floor before the next lift of precast is erected
   f. Masonry work will continue on B line, 0.6 line, Cabin Stair and Elevator L,
   g. Steel decking is scheduled to start 6/6/11
   h. Rebar for the composite decks is scheduled to arrive the week 6/6/11

3. Issues, Concerns, Questions
   a. On 4/6/11 American Engineering Testing, Inc. observed water migrating up through the structural fill at approximate elevation 776’ on the east end of the building pad during normal density testing. AET had McCabe dig a test pit and water continued to percolate into the excavation. A soils engineer was sent out from AET to do further investigation. Andrew Smith took pictures and further documented the condition and returned to AET to discuss the situation. Andrew called back on 4/7/11 and instructed us to continue filling this area; AET is considering adding additional surcharge material in this area a report will be issued from AET.
      i. Waiting on final report from AET.
      ii. Copy of report should be sent to Architect and the University.
   b. The brick has a lead time of 8 weeks. Final selections need to be made as soon as possible to allow for the late June start.
      i. Final brick selections were approved and the brick has been ordered.
      ii. Contractor should inform Owen Landsverk when the brick has been fired.
   c. Rock was encountered during the horizontal drilling for the water lines that cross the Little Niagara Creek. RFI #68 was submitted in response to this. This has caused a delay to the drilling.
      i. Contractor to submit pricing to Neal Shurden for review and a Field Order will be issued.
   d. Rock was encountered during the excavation for dropping the water line to allow for the installation of the storm sewer on the east side of the Nursing School.
      i. Contractor to submit pricing to Neal Shurden for review and a Field Order will be issued.
   e. Rock was encountered during the excavation of the chilled water lines on the east side of the Nursing School.
      i. Contractor to submit pricing to Neal Shurden for review and a Field Order will be issued.
   f. Steel lintels did not arrive to the site as scheduled; the finish for the steel is in discussion.
      i. Per the response to RFI #62 all steel lintels are to be galvanized. A CB will be issued addressing this change.
   g. The bridge work did not begin as scheduled. Fabrication time is 3-4 weeks from shop drawing approval which was received on 5/9/11.
h. An additional surcharge was recommended on the southeast side of the building pad along with additional settling plates by American Engineering Testing.
   i. A copy of AET’s report should be forwarded to the Architect and University.
   ii. If additional plates are required a CB will be issued for this work.

i. During the installation of the 12” waterline on the east side of the Nursing School the existing water line blew apart approximately 15’ on the other side of the valve. This was submitted as RFI #80.
   i. Contractor to submit pricing to Neal Shurden for review and a Field Order will be issued.

4. Construction Bulletins (CB’s)
   a. CB’s 1003, 1004, 1007, 1010, 1012, 1013, and 1015 have been approved by the Architect and are awaiting approval from DSF so Change Orders can be written.
   b. CB’s 1002 and 1008 are still being reviewed.
   c. Chris Hessel asked if the Stanley closers being provided are equal to the LCN closers that were specified. With a $45,000 price difference between the two he is concerned they are not of the same quality. The architect will review this and provide a response.
   d. CB’s 1005, 1009, 1014, 1016, 1017, 1018, 1019, 1020, and 1021 are still awaiting pricing.

5. Submittals
   a. The submittals that are being reviewed at this time are;
      i. Second Floor Rebar
      ii. Glass samples
      iii. Aluminum Finish Samples
      iv. Painting product data and samples
      v. Visual Display Surface
      vi. Toilet Compartments
      vii. Landscape samples (Sand, Compost, Soil, and mulch)
   b. Some of the submittals that still need to be submitted for review include;
      i. Kitchen Equipment
      ii. Millwork
      iii. Roofing
      iv. Third and Fourth Floor Rebar
      v. Steel Roof Framing
      vi. Ceilings
   c. Everyone should try to have all submittals completed and reviewed by the end of May.

6. Request for Information (RFI’s)
   a. The RFI’s that are outstanding and awaiting a response are;
      i. RFI 56 – Stone Anchors
      ii. RFI 66 – Heat Tracing Specifications
      iii. RFI 67 – Steam Water Heater Control Valve
      iv. RFI 71 Dimmer Panel Circuit Schedule
      v. RFI 73 – Company Switches
      vi. RFI 78 – Back Box Mounting Heights
   b. There are several RFI’s issued that have a cost change associated with them and the contractor needs to know the best way to get these costs submitted so a change order can be issued and the work can proceed.
      i. If the work involves just one or two contractors and no additional input is needed from the Architect or Engineers than the detailed cost breakdown should be submitted to Neal Shurden and a Field Order will be written for the work.
ii. If the change will require additional input or direction from the Architect or Engineers then a Construction Bulletin will be issued and the Contractor can enter their detailed cost breakdown into WisBuild.

c. RFI 62 – Door Undercuts
   i. Chris Hessel has asked if all door undercuts can be 3/4”.
   ii. This information has been passed on to Ron at Kraemer Brothers

7. General Discussion
   a. Schedule
      i. The schedule is still on track with what was originally submitted. All Critical path items are being met.
      ii. An updated schedule will be issued at the next progress meeting.
      iii. Neal Shurden indicated that he would like to see a critical path and milestones added to the schedule.
   b. As-Built Drawings
      i. The contractors are to be sure they are updating the as-built drawings on a regular basis.
      ii. Ed with Kraemer Brothers has a set of as-built drawings in the trailer with a log noting the changes being made to the drawings.
   c. Recycling
      i. The recycled materials report for 3-7-2011 thru 5-4-2011 is attached to these minutes.
   d. Historic Windows
      i. Beth Hellwig asked about the Historic Windows currently in the existing Davies Center that will be relocated to the new building. There is the potential that these are Frank Lloyd Wright windows and the University wanted to hire a preservationist to come in and look at the windows and provide some guidance for the removal and reinstallation of the windows.
      ii. There is money set aside in the construction budget to hire a preservationist. The University should get a proposal to hire someone and forward that information on to Russ Van Gilder.
      iii. There is a revised layout that was done by the University for locating the windows in the new building. This information will be given to the Architect and a CB will be issued with the changes noted.
   e. Underground Plumbing
      i. Underground plumbing will not start until settlement of the building pad has been finalized and approval from AET is given.
      ii. The underground plumbing being installed is all shallow, between 18” and 48” below the slab.
      iii. The contractor is reminded to contact Bryan Fuhs to schedule a pre-installation meeting.
   f. The University has asked how soon the landscaping (regrading and reseeding) along the West side of Phillips Hall can be completed now that the Utility Installation is complete.
   g. The University has said that when the contractor was doing the valve replacement work in the Library Building they dragged all of their pipe and supplies down the stairs and broke the nosing on every step.
      i. Kraemer Brothers will review this with their sub-contractor.
      ii. The nosings will all need to be repaired.
   h. Concrete Test Reports
      i. With all of the concrete work being done test reports should start to come in.
      ii. A copy of the report should be sent to Kraemer Brothers, Bray Architects, and The University.
      iii. Electrical conduit routing from new building to amphitheatre.
i. With the difficulties McCabe has been having encountering rock during excavation the electrical contractor asked about the routing of the electrical lines for servicing the new amphitheater that is across the creek.

ii. B&B’s current plan is to use directional boring under the creek. Depending on how deep they go they might run into rock. McCabe is 10 feet below the creek (further West than electrical lines) and they ran into rock for the boring of the water line.

iii. One option that was discussed and needs further review is to run the electrical lines in the bridge below the sidewalk.

8. Next Meeting
   a. Date: Tuesday, May 24, 2011
   b. Time: 1:00 pm
   c. Location: Maintenance and Central Stores Building, Room 120 (Conference Room)

The above information is the interpretation of the meeting activities and comments; and should be reviewed by all attendees. Please comment on any discrepancies and inform the writer as soon as possible of any changes required. Date issued: Thursday | May 12, 2011.

BRAY ASSOCIATES ARCHITECTS, INC.

Kyle J. Clark, AIA, NCARB, LEED AP
Architect

cc: All Present
    Shawn Plum, Burt Hill
    Ron Wunsch, Kraemer Brothers
    Nicole Peterson, Kraemer Brothers
doadsfprojectfile@wisconsin.gov
<table>
<thead>
<tr>
<th>Date</th>
<th>Contractor</th>
<th>Asphalt</th>
<th>Concrete</th>
<th>Paper/Cardboard</th>
<th>Plastic/Cans</th>
<th>Wood</th>
<th>Metal</th>
<th>Copper</th>
<th>Comments</th>
<th>Reuse</th>
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<tbody>
<tr>
<td>3/7/2011</td>
<td>McCabe</td>
<td>31.87 tons</td>
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<td></td>
<td></td>
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<td>340° curb x 1.25 cubic feet per foot x 150 lbs.</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>3/14/2011</td>
<td>McCabe</td>
<td>540 tons</td>
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<td></td>
<td></td>
<td>Remove site concrete walks, curb and gutter</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>3/15/2011</td>
<td>McCabe</td>
<td>379.1 tons</td>
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<td></td>
<td></td>
<td>Remove asphalt from north and west side of site</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>3/17/2011</td>
<td>McCabe</td>
<td>36.48 tons</td>
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<td>Remove asphalt from the west side of the site</td>
<td>Crushed at McCabe's yard for base</td>
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<td>3/21/2011</td>
<td>McCabe</td>
<td>67.5 tons</td>
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<td>Remove concrete walks west of Phillips Hall</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>4/6/2011</td>
<td>McCabe</td>
<td>114 tons</td>
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<td></td>
<td>Remove electrical duct bank from building pad</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>4/6/2011</td>
<td>McCabe</td>
<td>494 tons</td>
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<td>Remove concrete walks, curb from south side of site</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>4/6/2011</td>
<td>McCabe</td>
<td>454.59 tons</td>
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<td>Remove asphalt for south side of site for utilities</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>4/6/2011</td>
<td>B&amp;B Electric</td>
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<td>5.5 tons Remove primary lines from Manhole 22 to 24</td>
<td>Recycled at Alter Metal Recycling</td>
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<tr>
<td>4/22/2011</td>
<td>McCabe</td>
<td>34 tons</td>
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<td>Sidewalks northeast corner of nursing</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>4/25/2011</td>
<td>McCabe</td>
<td>16.2 tons</td>
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<td>Sidewalks in front of Nursing</td>
<td>Crushed at McCabe's yard for base</td>
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<td>4/29/2011</td>
<td>McCabe</td>
<td>18.22 tons</td>
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<td></td>
<td>Nursing sidewalks</td>
<td>Crushed at McCabe's yard for base</td>
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<tr>
<td>5/4/2011</td>
<td>McCabe</td>
<td>110.92 tons</td>
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<td>Removed from East side of job site</td>
<td>Crushed at McCabe's yard for base</td>
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Total 981.00 Tons 1,315.61 Tons 5.5 Tons