MEETING MINUTES

Project: University of Wisconsin – Eau Claire
University Student Center

Project No.: 07E2D / 2934

Meeting Date: Tuesday | April 12, 2011

Present:
- Ross Kraemer: Kraemer Brothers
- Kevin Kraemer: Kraemer Brothers
- Jason Perry: Kraemer Brothers
- Ed Wynhoff: Kraemer Brothers
- Beth Hellwig: UWEC
- Chris Hessel: UWEC
- Neil Shurden: DSF
- John Zimmerman: HVP-DSF
- Frank Truchon: KBK Services
- Junior Ruf: B+B Electric
- Brady Shepler: McCabe
- Kyle Clark: Bray Architects

Reported By: Kyle Clark

Purpose of Meeting: Construction Progress Meeting 02

Discussion/Action
1. Work Progress Past Two Weeks
   a. Additional signage was purchased and installed at Chris Hessel’s request; Chris verified that this was acceptable with Neal Shurden. The University is working with Rettler Corp. on additional signage and upon finalization a CB will be issued to encompass all of the additional signage.
   b. The State received their permit on 3/17/11 for abatement of the asbestos on the buried steam line from Nursing to Phillips Hall removal began immediately by Asbestos Abatement Services. The pipes are removed up to the curb line on the northeast corner of Nursing at Chris Hessel’s request and the way is clear for utility work to begin. Additional abatement will be necessary for the tie in to Nursing.
   c. Settling plates have been laid out and installation is following the building undercut; 4 additional plates are being installed at the request of Foundation Services Corp.
   d. Foundation insulation arrived on site 3/16/11
   e. The electrical pre-installation meeting was held on 3/14/11
f. B&B Electric installed lighting on the construction trailers to light the south side of the project for student access. The duct banks for the primary and signal work were completed and the outage for the switchover was completed on 4/3/11. Removal of the duct bank in the building pad began on 4/4/11. Temporary lines were brought out to the site for construction temporary power. Temporary power to the DSF office will be brought out after the sanitary line crosses this area.

g. Rebar for the footings and foundations arrived throughout the week of 3/28/11. Will start to install the rebar next week.

h. The Pre-Installation Meeting for the Rammed Aggregate Piers was on 3/28/11. Foundation Services Corp. began setup of the Rammed Aggregate Pier equipment on 3/28/11, with pier installation beginning on 3/30/11. The pier installation is being monitored by American Engineering Testing Inc.

i. The Pre-Installation Meeting for the Site Utilities was on 4/4/11. Site Utilities began on 4/4/11 as scheduled, utility work began with the storm line under the building between grids 1.7 and 2. The fencing for the utility work on the east side of the School of Nursing was installed along with the fencing on the north side of the School of nursing being relocated on 4/6/11. Stripping of the asphalt and concrete for the utility phase began on 4/6/11. The dewatering system for the sanitary sewer and site utilities began on 4/7/11 with excavation for the sanitary sewer following. Asbestos Abatement Services started abatement on the steam lines east of the Nursing building on 4/7/11 abatement is now complete.

j. The Pre-Installation meeting for Site Concrete was held on 3/6/11.

k. The dewatering wells and settlement basin for site utilities have been installed
   i. Be sure that the dewatering permit is posted at the job trailer.

2. Work Scheduled For Next Two Weeks
   a. Rammed Aggregate Piers are to continue thru 4/22/11
   b. Site utilities are to continue for the next 4 weeks, starting with the lowest utilities (sanitary sewer) first
   c. Footing and foundation work along with concrete reinforcement will begin will begin on 4/18/11.
      i. Coordinate foundation work with subs for any sleeves required.
   d. Site concrete will follow site utilities on the east side of Phillips Hall and the north side of the School of Nursing.
   e. Erosion control on the south side of the site will progress with the curb removal.
   f. Permits for the bridges have been received and the turbidity barriers and erosion control measures are to begin.
      i. Bridge foundation work will begin next week.
      ii. West Bridge is to be completed by July 15, 2011.

3. Issues, Concerns, Questions
   a. McCabe encountered dark brown to black soils on the North side of the building pad at approximately elevation 775’, at grid RA and north of RA. Per Neal Shurden, Carl Fink of Pierce Engineers was contacted and made aware of the soils.
   b. Joel Guanella of American Engineering Testing, Inc. was on site 3/17/11 and recommended that the area be undercut. The area of undercut encompassed an area of 38’x110’x2’-1 3/16”. This will be documented in American Engineering Testing, Inc. report. McCabe brought the area of undercut up with structural fill.
   c. The Rammed Aggregate Piers are taking longer than expected because of the need to sleeve more of the piers that anticipated. Our goal is to make up time once more of the production piers can be installed without being sleeved.
   d. 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.

e. Beth Hellwig asked about the protection fence around the trees. There were several trees near the Nursing Building that were not protected.

i. Jason with Kraemer Brothers stated that the protection of all the trees noted on the plans has been completed.

4. Construction Bulletins (CB’s)
   a. CB 1 thru 7 should have pricing in this week.
   b. CB 8 thru 10 have been sent out to the subcontractors for pricing.
   c. Contractors are to be sure they provided a detailed cost breakdown of all material and labor for each CB.

5. Submittals
   a. The critical submittals that are outstanding at this time are:
      i. Precast Bridges
      ii. Rebar for Slab-on-Grade
      iii. Structural Steel Framing
      iv. Joists and Deck
      v. Concrete Brick Color Selection
         1) The sample board was brought to the meeting today and selections will be made based on approved brick samples.
      2) Brick ‘A’ is still waiting for final approval from the University.

6. Request for Information (RFI’s)
   a. The critical RFI’s that are outstanding and awaiting a response are:
      i. RFI 36 – E903 General Note Clarification
      ii. RFI 38 – Framing clarifications 3rd, 4th, and Roof.
      iii. RFI 40 – Elevator Pit Drainage Tile
      iv. RFI 41 – Concrete Pavement Joints
      v. RFI 42 – Concrete Pavement at Concrete Bands
      vi. RFI 43 – Stair #2 Hollow Core Bearing Elevations
      vii. RFI 44 – Precast Openings at Stairs 2, 3, and 4

7. General Discussion
   a. Bentonite Waterproofing
      i. A final decision is still pending from DSF regarding the deletion of the bentonite waterproofing detailed in the construction documents.
      ii. The proposed system is to provide a vapor barrier under the slab with drain tile and clear stone below the vapor barrier. Once a final decision is reached a CB will be issued detailing the new system.
      iii. Kraemer Brothers noted they need a decision right away. Foundations are set to start next week.

   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. Precast Concrete Plank
   i. Contractor is to make sure there is no water in the cores of the precast plank when it is erected.

d. Emergency Plan
   i. The contractor is to provide Chris Hessel with a list of all emergency contacts.
   ii. This should not just be office numbers. Include after hours, cell phone numbers.

e. Recycling
   i. The recycled materials report for 3-7-2011 thru 4-6-2011 is attached to these minutes.

8. Next Meeting
   a. Date: Tuesday, April 26, 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: Friday | April 15, 2011.

BRAY ASSOCIATES ARCHITECTS, INC.

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

cc: All Present
   Shawn Plum, Burt Hill
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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<tr>
<td>3/7/2011</td>
<td>McCabe</td>
<td>31.87 tons</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<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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<td>3/14/2011</td>
<td>McCabe</td>
<td>540 tons</td>
<td></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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<td>3/15/2011</td>
<td>McCabe</td>
<td>379.1 tons</td>
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<td>Remove asphalt from north and west side of site</td>
<td>Crushed at McCabe's yard for base</td>
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<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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<td>4/6/2011</td>
<td>McCabe</td>
<td>114 tons</td>
<td></td>
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<td>Remove electrical duct bank from building pad</td>
<td>Crushed at McCabe's yard for base</td>
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<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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<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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<td>4/6/2011</td>
<td>C&amp;B Electric</td>
<td>5.5 tons</td>
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<td></td>
<td>Remove primary lines from Manhole 22 to 24</td>
<td>Recycled at Alter Metal Recycling</td>
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**Total** 870.08 Tons 1246.92 Tons 5.5 Tons