MEETING MINUTES

Project: University of Wisconsin – Eau Claire  
University Student Center

Project No.: 07E2D / 2934

Meeting Date: Tuesday | April 26, 2011

Present: Ross Kraemer  Kraemer Brothers
Kevin Kraemer  Kraemer Brothers
Ed Wynhoff  Kraemer Brothers
Beth Hellwig  UWEC
Chris Hessel  UWEC
Neil Shurden  DSF
John Zimmerman  HVP-DSF
Junior Ruf  B+B Electric
Brady Shepler  McCabe
Dennis Nacnreiner  Zimmerman Plumbing
Bob Goodwin  United Brick
Kyle Clark  Bray Architects

Reported By: Kyle Clark

Purpose of Meeting: Construction Progress Meeting 03

Discussion/Action

1. Work Progress Past Two Weeks
   a. All settling plates have been installed and monitoring continues.
      i. Going well so far, less settlement than anticipated. Has settled about 1/100 of a foot since monitoring began.
   b. The Rammed Aggregate Piers continue and are approximately 91% complete and should complete by 4/29/11. Continuous monitoring of the installation is being performed by American Engineering Testing, Inc.
   c. Footings began on 4/18 starting on R2/XA line working counterclockwise footings are approximately 18% complete.
   d. Foundation forming began on 4/25/11
   e. The rebar pads and piers are being pre-tied to the greatest extent possible and installation is progressing with the forming.
   f. The sanitary sewer line has been installed from Phillips Hall to Manhole #1.
   g. The valve for the 12" water line on the north side of the Little Niagara was installed on 4/22 and the existing line on the south side of stair # 4 was removed on 4/25/11
   h. Temporary power to the site trailers was completed on 4/19.
i. Excavation and core drilling at Manhole P21 has been completed, electrical duct bank to Manhole 55 will follow the completion of the water line in this area.

j. Fence for the chilled water lines and site development of the north side of the Little Niagara was installed on 4/20/11. Shop drawings for the Bridges are in for review.

k. The sidewalk work on the west side of Phillips Hall began on 4/21/11 and is complete for Phase 1

l. Concrete embeds for precast have been received.

m. Temporary light fixture has been installed in the Phillips Lot.

2. Work Scheduled For Next Two Weeks

a. Steel lintels and masonry embeds are in fabrication and are projected to arrive the first week in May.

b. The completion of the sanitary sewer line and 12" water valve allows us to abandon the existing sanitary sewer and water utilities in conflict with Stair #4 and the Loading Dock and install the Rammed Aggregate Piers.

c. The horizontal bore for the chilled water line takes place the week of 4/25. The water line that crosses the Little Niagara will follow.

d. The storm sewer pipe is scheduled to arrive w/o 4/25/11 and installation will begin as soon as pipe is received.

e. The steam tunnel will follow the lowering of the existing water line that is now in conflict with the steam tunnel. The steam tunnel may have to be built in phases to allow access to the site and building. The epoxy coated rebar is on site for this phase of work.

   i. Neal Shurden suggested that testing of the piping should be done at the completion of each phase.

f. Footings and foundations are to continue, rebar will progress with the forming.

g. McCabe has obtained permission from Stacey Carlson DNR Water Management Specialist to cross the Little Niagara Creek with pads. This enables the start of the bridge work following final design approval.

   i. McCabe should get DNR permission in writing to avoid any problems in the future.

h. The construction fence for Phase 2 along Phillips Hall to the loading dock will be the week of 4/25/11

i. Bearing masonry will begin the week of 5/9/11. Beginning with the Cabin Stair and Elevator L. Masonry rebar and masonry materials are scheduled to arrive the week of May 2 along with the mortar silos.

j. Precast is scheduled to start arriving the week of 5/9. Seven parking spaces will need to be closed to accommodate the large pieces on the trucks. The route of travel has been verified with Chris Hessel.

k. Structural steel is in fabrication and will be available for delivery the week of 5/9/11

l. 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.

b. Rock was encountered at the sanitary sewer line and steam tunnel crossing on 4/13/11 Chris Hessel was on site to observe. Neal Shurden was contacted and we were
instructed submit this as an RFI with a cost for removal. Additional rock was encountered at stations 2+88 to 3+55; 5+54 to 7+67 and 1+78 to 2+18. John Zimmerman also was on site and discussed this with James Schilling of McCabe.

c. The Bridge footings may be lowered to provide additional cover per Chris Hessel.
   i. Bridges are being revised to provide the required 6 feet of cover at the foundations.
   ii. Revised shop drawings will be submitted later this week for review.

d. The design for the drain tile system needs to be completed as soon as possible to allow for backfill of the foundations, which will allow for the building pads to start.
   i. The drain tile system under the slab that was previously discussed will not be implemented. The only drain tile within the building will be at the elevator pits.

e. The waterproofing for the elevator pits and steam tunnel needs to be finalized to allow for the work to continue.
   i. The waterproofing submittal for the steam tunnel has been reviewed and was returned on Monday, April 25th.
   ii. A CB will be issued to revise the waterproofing at the elevator pits.

f. 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. Bob Goodwin from United Brick presented a new sample for the finish/texture of Brick 1, Color A. This was reviewed and approved.
   ii. The approved Brick 1, Color A is Glen-Gery Brick, Chicago Collection - Red Velour with a #5 blade cut texture.

g. Beth Hellwig brought up some concerns from the University regarding the detrimental impact the construction activities might have on Little Niagara Creek.
   i. A silt dike and silt fence has been installed on both sides of the creek and will remain in-place and maintained throughout the construction schedule. This will help eliminate any runoff from entering the creek.

4. Construction Bulletins (CB’s)
   a. There have been 14 CB’s issued to date and pricing has not been submitted on any of them.
   b. Pricing should be submitted within 10 days of the CB being issued.
   c. Contractors are to be sure they provided a detailed cost breakdown of all material and labor for each CB.
   d. Field orders 1 and 2 have been approved by Neal Shurden and are awaiting approval from Russ Van Gilder. Once approved by Russ, change orders will be written.

5. Submittals
   a. The submittals that are being reviewed at this time are;
      i. Wood door finish samples
      ii. Automatic door operators
      iii. Floor finishes
      iv. Food service equipment
      v. Plumbing, various submittals.
      vi. Landscape – sample materials.
   b. 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 41 – Concrete Pavement Joints
1) The University has indicated that dowels are not required at the expansion joints.

ii. RFI 42 – Concrete Pavement at Concrete Bands
   1) Currently the University does not have any expansion joint material between there curbs and walks and do not have an opinion either way.
   2) The civil engineer will review this RFI and provide a response.

iii. RFI 55 – Elevator J Finishes
iv. RFI 56 – Stone Anchors
v. RFI 58 – Existing Storm Drain from North Side of Nursing

7. General Discussion
   a. Schedule
      i. The schedule is still on track with what was originally submitted.
      ii. Rammed aggregate piers will be finished up this week and foundation work has started.
      iii. The steam tunnel work is starting a little later than scheduled but will not have an impact on the overall completion date.
      iv. The plan is still be enclosed by the end of November, or early December.
      v. 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. 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.

8. Next Meeting
   a. Date: Tuesday, May 10, 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 29, 2011.

BRAY ASSOCIATES ARCHITECTS, INC.