

**MINUTES**  
**Planning and Progress Meeting No. 7**  
**for**  
**M-21 over the Flat River Bridge Rehabilitation**

**PROJECT:** BHT 41043-78623A  
**DATE/TIME:** Wednesday, May 19, 2010 – 1:00 p.m.  
**PLACE:** Lowell Area Chamber of Commerce, 113 Riverwalk Plaza, Lowell, MI  
**ATTENDANCE:** Dave Frogner, Anlaan Corp. (616) 842-8442  
Dan Desjardin, Lowell DPW (616) 897-8478  
Bob Robinson, Lowell DPW (616) 897-5929  
Tom Russo, Lowell Light & Power (616) 894-8402  
Al Halbeisen, HH Engineering (616) 897-0074  
Mike Hickey, MDOT (616) 464-1800  
Darrell Heuker, MDOT (616) 464-1800

I. REVIEW OF CPM SCHEDULE & PROJECT PROGRESS TO DATE:

- Dave Frogner of Anlaan Corporation provided details regarding the items recently completed, in-progress, or upcoming:

**Stage I:**

- **Bridge Demolition:**
  - The river level is currently at the normal seasonal elevation.
- **B02:**
  - The dry run was completed on: 5/12/10.
  - The deck pour was completed on: 5/12/10
  - 7 day wet cure was completed on 5/19/10. Anlaan discontinued watering the deck at approximately 8 AM on 5/19/10.
  - Reinforcing steel has been tied for the sidewalk pour.
  - Currently tying steel for Pour C & D on the wingwalls.
  - Anlaan anticipates pouring the sidewalk on 5/20/10.
  - Anlaan anticipates forming the railing beginning 5/21/10.
  - Anlaan anticipates installing the geotextile retaining wall at the abutments on 6/2/10-6/3/10.
- **B03:**
  - The dry run was completed on: 5/12/10.
  - The deck pour was completed on: 5/12/10.
  - 7 day wet cure was completed on 5/19/10. Anlaan discontinued watering the deck at approximately 8 AM on 5/19/10.
  - Anlaan anticipates pouring the sidewalk on 5/20/10.
  - Anlaan anticipates forming the railing beginning 5/21/10.
  - Anlaan anticipates installing the geotextile retaining wall at the abutments on 6/2/10-6/3/10.

- Dave Frogner to provide status of additional work items to be completed by Anlaan or their subcontractors:
  - DVT completed installation of the conduits for LL & P that are under the bridge decks on:
  - Water main:
    - The pressure test for the new water main has passed.
    - The samples for the chlorine test are currently being tested. Kentwood is currently flushing the pipe.
  - Sanitary sewer: Ongoing through the end of next week.
  - Sidewalk and pavement demolition:
    - The sidewalk demolition is complete.
    - Pavement demolition is approximate 80% complete.
  - DVT Electrical Work:
    - DVT is scheduled to install handholes and conduits from 5/24/10 to 5/27/10.

## II. REQUESTS FOR INFORMATION:

- D. Frogner provided an updated list of RFI's and a summary sheet. Outstanding items include:
  - There are no outstanding RFI's at this time.

## III. TRAFFIC CONTROL & SAFETY ISSUES:

- All temporary signing and portable changeable message boards (PCMS's) must convey a current and accurate message with respect to the present or upcoming work operations.
- All PCMS messages need to be submitted to MDOT for approval prior to posting the message.
- Traffic will NOT be stopped unless a proper flagging sign sequence is in place and trained flaggers with the proper STOP/SLOW paddles are performing the flagging.
- All on site personnel are reminded that there shall be no trucks or equipment pulling into oncoming traffic. It is understood that access to the work area is required, but construction vehicles are required to safely merge into and out of traffic.
- Plastic drums and Type III Barricades need to be properly placed and realigned at the end of each work day.
- All Workers and equipment SHALL remain behind the plastic drums or barricades while performing work.
- Anlaan is reminded of the requirement to inspect and maintain a Traffic Control Inspection Report Binder as provided by MDOT for the duration of this project. **D. Frogner will check on the status of the reports and submit them after the meeting.**
- All personnel on site shall wear reflective clothing (Class II or better) when working inside the right-of-way.
- All contractors need to ensure equipment has proper conspicuity tape and/or lighted beacons.
- No contractor employee's vehicles should be parked in on-street parking spots or the King Milling parking lot located in the SE quadrant of the project. All employee vehicles should be parked behind the Lowell City Hall or in the contractor's yard located off Front Street.

- Upcoming lane/ramp closures and/or detours:
  - **Review of Traffic Control Items to Complete List:**
    - D. Heuker will review the M-21/Broadway intersection to determine if a "No Left Turn" sign can be installed.
  - The city of Lowell has an upcoming project on Bowes Road from 5/13/10 to 6/18/10.
- **No work shall be performed or trucking in or out of the project shall be performed between 3:00 PM 5/28/10 and 6:00 AM 6/1/10 without prior written permission.**

**IV. SOIL EROSION & SEDIMENTATION CONTROL ISSUES:**

- Anlaan is reminded that they must keep copies of ALL NPDES reports on site. Anlaan has a copy of the NPDES permit and current reports located in the project superintendent's vehicle.
- Anlaan is reminded that they have **five (5) calendar days** to correct any S.E.S.C. problems not directly impacting a surface water body or drainage feature. Any S.E.S.C. problems that directly impact surface water or drainage features require that corrections are completed **within twenty-four (24) hours**.
- NPDES reports are current as of: **5/19/10**.
- Mike Hickey is designated as the Certified Storm Water Operator for this project.
- NPDES items to be addressed:
  - None at this time.

**V. SUBMITTALS AND SHOP DRAWINGS:**

- D. Frogner provided an updated list of submittals and shop drawings submitted to date. Outstanding items include:
- A. Halbeisen will contact Consumer's Energy regarding the proposed conduit support brackets.
  - D. Heuker indicated that the brackets will not allow the conduit to pass through the backwall in the correct location.
  - A. Halbeisen, K. Morton, and MDOT will review the supports after the meeting to determine an alteration to adjust the supports.
  - The bracket modifications have been fabricated and installed.
- Anlaan has submitted the conduit support design for the AT & T conduit. **Approved.**
- Decorative Concrete.
  - The test section(s) were poured on 5/12/10.
  - F & M Construction has submitted an alternate material to use as a release agent for the stamping process. One test section was poured using the process described in the Proposal and one test section was poured using the F & M's proposed alternative. The test sections are available for review on site.
  - D. Frogner requested clarification on the joint between the regular concrete and the decorative concrete. **The decorative concrete shall be placed in a separate operation from the regular concrete.**

**VI. OUTSTANDING ISSUES:**

- Mussel Survey – ongoing.
- Vibration Analysis – ongoing as needed.

- Turbidity Curtain – the second sample of the turbidity curtain failed the permittivity test. MDOT has requested that Anlaan and its supplier submit a proposal to resolve this matter.
  - D. Frogner indicated that Anlaan's supplier is in the process of resolving the issue.
- D. Heuker to send A. Halbeisen an informational copy of RFI's and responses.
- D. Frogner and D. Heuker will review the Force Account records to date following the meeting.

**VII. UTILITIES:**

- Lowell Light & Power will supply conduits to be installed on the 2 bridges. T. Russo indicated that LL & P would like to change one of the 3 inch conduits to a 6 inch conduit.
  - LL & P has reviewed the plans with DVT and Williams & Works. The proposal for revised conduit sizes was determined to be infeasible. DVT will install the conduits per the plans.
  - T. Russo indicated that LL & P and DVT have discussed the work and resolved any outstanding items associated with it.
  - This work is complete.
- LL & P has contacted DVT to perform the remaining conduit work outside the bridges. DVT will bill LL & P directly for this work.
  - T. Russo indicated that LL & P and DVT have discussed the work and resolved any outstanding items associated with it.
  - T. Russo indicated he would contact DVT this afternoon to discuss the work.
- T. Russo indicated that LL & P would like a conduit installed across M-21 near Sta 834+75. T. Russo will contact DVT to determine the feasibility of installing the crossing.
  - T. Russo indicated that DVT will perform this work and bill LL & P directly.
  - T. Russo indicated that LL & P and DVT have discussed the work and resolved any outstanding items associated with it.
- D. Frogner indicated that AT & T would like a conduit crossing installed near Sta 834+75. D. Heuker has contacted J. Driscoll from AT & T. J. Driscoll will submit a sketch to be added to the contract with a Contract Modification.
  - Work Order #3 was issued on 5/18/10 to address this work.

**VIII. CONTRACT MODIFICATIONS & WORK ORDERS:**

- Work Order #1, 4/8/10, Place additional detour signing on Monroe, Washington, Jefferson, and EB M-21.
- D. Heuker will provide Work Order #2 for record keeping purposes to cover the water main/thrust block work.
- Work Order #3, 5/18/10, Place AT & T conduit crossing M-21.

**IX. PAY ESTIMATES/PAY ISSUES:**

- Pay estimate No. 4 was generated on Tuesday, May 11, 2010.
- Pay estimate No. 5 will be generated on Tuesday, May 25, 2010.
- D. Frogner submitted a Notice of Intent to File Claim on 4/9/10 for delays related to the relocation of the existing water main. More details will be provided as they become available.

- D. Frogner requested that MDOT review the sheet piling that was cut for additional payment.
- D. Frogner submitted a Notice of Intent to File Claim on 5/4/10 for additional costs associated with coring through a concrete block. More details will be provided as they become available.
- D. Frogner submitted a Notice of Intent to File Claim on 5/4/10 for additional costs associated with maintaining storm sewer near Abutment A of B03. More details will be provided as they become available.
- D. Heuker indicated that the Notices of Intent to File Claim above should be able to be resolved without a formal claim.
- D. Heuker reminded Anlaan that when force account work is being performed, the MDOT inspectors need to be notified so that proper documentation can be kept and agreed to at the end of each day.

**X. OTHER DISCUSSION & ITEMS TO BE ADDRESSED:**

- D. Heuker and D. Frogner discussed reducing the amount of surface coating on the beams to minimize impacts on the project schedule. D. Frogner will review the subject with Pneumatic Restoration and propose a price reduction.
  - D. Frogner indicated he has received the price reduction from Pneumatic and will submit it to MDOT for review and approval.
- Subcontract for J.L. Milling & DVT Electric. D. Frogner indicated he will check on the status and follow up as necessary.
- D. Frogner requested that the geotextile retaining wall be eliminated from the project. D. Frogner, A. Halbeisen, and D. Heuker will review the locations of the geotextil retaining wall after the meeting.
- King Milling has requested that warning signs be installed on the upstream side of the structures to warn river users of the dam. D. Heuker will review the request and provide further direction.

**XI. NEXT PROGRESS MEETING: 1:00 p.m., Wednesday, June 9, 2010 at the Lowell Area Chamber of Commerce, located at 113 Riverwalk Plaza, Lowell, MI.**