

**MINUTES**  
**Planning and Progress Meeting No. 8**  
**for**  
**M-21 over the Flat River Bridge Rehabilitation**

**PROJECT:** BHT 41043-78623A  
**DATE/TIME:** Wednesday, June 9, 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 Desjarden, Lowell DPW (616) 897-5929  
Bob Robinson, Lowell DPW (616) 897-5929  
Emma Palova, Lowell Ledger (616) 897-9261  
Mark Droog, Lowell Light & Power (616) 897-8402  
Liz Baker, LACC (616) 897-9161  
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:**

- The river level is currently at the normal seasonal elevation.
- Anlaan anticipates completion of Stage I on or around 6/21/10.
- **B02:**
  - Anlaan has formed, poured, and rubbed the concrete railing.
  - The approaches have been backfilled. Kentwood is placing Agg. Base today.
  - D. Frogner anticipates that the concrete approaches will be placed on 6/10/10. D. Heuker reminded the contractor that no equipment or vehicles shall be placed on or cross the approaches for at least 7 days after placement.
- **B03:**
  - Anlaan has formed and poured the concrete railing. Anlaan anticipates stripping the forms on 6/10/10.
  - The approaches have been backfilled. Kentwood is placing Agg. Base today.
  - D. Frogner anticipates that the concrete approaches will be placed on 6/10/10. D. Heuker reminded the contractor that no equipment or vehicles shall be placed on or cross the approaches for at least 7 days after placement.

- Dave Frogner to provide status of additional work items to be completed by Anlaan or their subcontractors:
  - DVT: Placing handholes, conduit, pulling wire, etc. throughout the project.
  - Kentwood: Continue backfilling and placing sand subbase, and agg. base throughout the project.
  - F & M Construction:
    - Form and pour curb and gutter on 6/14/10.
    - Form and pour decorative concrete 6/15/10-6/16/10.
  - Pneumatic Restoration: D. Frogner indicated that Pneumatic Restoration will not perform any work until near the end of Stage II.
  - American Asphalt: HMA paving throughout the project on 6/17/10-6/18-10.
  - D. Frogner indicated the 2 week break for allowing utilities to complete their work will occur between 6/22/10 and 7/6/10.
    - AT & T will complete their work at the end of the project.
    - Consumers Gas will require approximately 1 day to cut & cap the existing gas line.
    - Comcast will require approximately 1 day to pull wire for the new conduit.
    - LL & P will require approximately 1 day to make connections for the street lighting after DVT has completed installation of the required wiring.

## 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. **Anlaan's reports to MDOT are current as of: 6/4/10.**
- 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.**
  - **D. Heuker reminded the contractor that no contractor vehicles are to be parked along Water Street near Springrove Variety Store. Lowell police will be ticketing any contractor vehicles that are found parked in this area.**
  - **D. Heuker requested that truck and equipment parking on M-21 between Broadway and Water Street be kept to a minimum. It is understood that staging areas are limited, but whenever possible, the contractor should leave this area open.**
- **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. Based on the short time frame remaining on Stage I, and the lack of a location to place the sign, no additional action will be taken for this location at this time.**
  - **The city of Lowell has an on going project on Bowes Road from 5/13/10 to 6/18/10.**
- **D. Heuker requested that the Type III Barricades on M-21 near Broadway be removed and replaced with barrels. R. Wiers indicated this would be completed by the C.O.B. 6/9/10.**

#### **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.**

#### **V. SUBMITTALS AND SHOP DRAWINGS:**

- **D. Frogner provided an updated list of submittals and shop drawings submitted to date. Outstanding items include:**
- **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. **Based on input from the Lowell DPW and MDOT's roadside development unit, D. Heuker indicated that the lighter sample (based on pictures taken during the test pour, this is the sample that used the liquid release agent) shall be used for the project. D. Frogner will verify with F & M Construction to ensure that the light sample is the one that used the liquid release agent.**
- 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. **Complete.**

#### VII. UTILITIES:

- 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 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.
  - AT & T approved the proposed price on 6/9/10.
- B. Robinson indicated that the water was reactivated on 6/4/10.
- M. Droog indicated that the power will need to be turn off to the dentist office between the structures for a short period of time when the wiring for the street lights is connected. It is anticipated that this work can be completed on Friday, 6/18/10, when the dentist office is closed.

**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. 6 was generated on Tuesday, June 8, 2010.
- Pay estimate No. 7 will be generated on Friday, June 18, 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 indicated that concrete surface sealer may be eliminated from the project.
  - D. Desjarden indicated that the Lowell DPW is in agreement that the concrete surface sealer can be eliminated.
  - D. Heuker has discussed the elimination of the concrete surface sealer with Steve Doyle, chair of the Lowell Historic District committee. S. Doyle is discussing this with the historic district committee and will provide further information as it becomes available.
  - Based on the information above, MDOT will recommend to the State Historic Preservation Office that the concrete surface sealer be eliminated from the project.
- 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 & A. Halbeisen will meet with S. Doyle following the meeting to discuss this further.

**XI. NEXT PROGRESS MEETING: 1:00 p.m., Wednesday, June 16, 2010 at the Lowell Area Chamber of Commerce, located at 113 Riverwalk Plaza, Lowell, MI.**

Minutes of Progress Meeting No. 8 were distributed by D. Heuker on 6/16/10. Please submit any comments or corrections via email ([heukerd@michigan.gov](mailto:heukerd@michigan.gov)) within 7 days.