

**MINUTES**  
**Planning and Progress Meeting No. 1**  
**for**  
**M-21 over the Flat River Bridge Rehabilitation**

**PROJECT:** BHT 41043-78623A  
**DATE/TIME:** Wednesday, March 24, 2010 – 1:00 p.m.  
**PLACE:** Lowell Area Chamber of Commerce, 113 Riverwalk Plaza, Lowell, MI  
**ATTENDANCE:** Liz Baker, LACC (616) 897-9161  
Steve Bukala, Lowell Police (616) 897-7123  
Dave Frogner, Anlaan Corp. (616) 842-8442  
Mike Hickey, MDOT (616) 464-1800  
Jason Guikeman, 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:

**Pre-Stage:**

**Traffic Signal Work at M-21 and Hudson:**

- DVT will make the required signal changes on the morning of April 5, prior to Anlaan placing barrier wall and detouring westbound M-21 traffic.

**Temporary Sewer Connection:**

- Kentwood Excavating plans to excavate a hole in the sidewalk in front of the dentist office on April 1 to install a temporary septic tank to maintain sewer service during construction. Kentwood Excavating will have the septic tank pumped as required for the duration of its use.
- D. Heuker indicated that it may be possible to use the existing structure just west of the Serenity Club as a temporary holding area in a similar fashion as the septic tank would be used. The Contractor would need to repair the mortar inside the structure to make it water tight. The Contractor would also need to obtain DPW approval for this method of maintaining the sewer. D. Frogner indicated he would present this information to Kentwood Excavating as an option for further review.

**Miscellaneous Removals:**

- DVT anticipates removing the 6 light poles on the north side of M-21 on March 29.

**Vibration Analysis:**

- D. Heuker will review the vibration analysis plan and reply to D. Frogner with any comments or approval.
- Soils and Structures, Inc. (SSI) has completed the preliminary video taping of the buildings near the construction site. One resident at 101 ½ W. Main Street refused to allow the crew to video tape his residence.
- SSI submitted the preliminary video tape to Anlaan and the Grand Rapids TSC on 3/19/10.
- SSI will be setting up the vibration analysis equipment the week of 3/29/10 to obtain the baseline readings prior to construction beginning.

**Stage I:**

- Bridge Demolition:
  - River Drawdown – Anlaan anticipates the first drawdown beginning 4/1/10. D. Heuker indicated that a meeting will be held on 3/30/10 with the DNRE and the consultant that will perform the mussel survey.
  - After the temporary concrete barrier wall is placed on 4/5/10, Anlaan will install the temporary pedestrian crossing with the temporary fences. D. Heuker reminded Anlaan that the temporary pedestrian facility will need to be wheelchair accessible.
  - Anlaan anticipates removing the existing metal railing on 4/5/10 & 4/6/10.
  - After the metal railing is removed, the bridge deck will be sawcut and removed.
- Dave Frogner to provide status of additional work items to be completed by Anlaan or their subcontractors:
  - Anlaan anticipates working 10 hour days, Monday through Friday, with 8 hour days on Saturdays as required to stay on schedule.
  - The staking is complete for the detour signing. D. Frogner acknowledged receiving the detour signing changes from MDOT. Give 'Em a Brake Safety (GEBS) will install the detour signs the week of 3/29/10.

**II. REQUESTS FOR INFORMATION:**

- D. Frogner provided a list of RFI's. D. Frogner will provide updated RFI lists a summary sheet throughout the life of the project.

**III. TRAFFIC CONTROL & SAFETY ISSUES: D. Heuker reminded the Contractor of the following items:**

- 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 if Anlaan has a traffic control inspection form and submit a copy for approval. If Anlaan does not have a form, D. Heuker will provide one.**
- **All personnel on site shall wear reflective clothing when working inside the right-of-way.**
- All contractors need to ensure equipment has proper conspicuity tape and/or lighted beacons.

- Upcoming lane/ramp closures and/or detours:
  - Anlaan will set up signing for a flag control sequence in case on is needed during the pre-stage work.
  - D. Heuker will review the plans to determine if a wide load restriction will be required during the stage work.

**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 current NPDES permit and 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: **3/25/10.**
- Mike Hickey is designated as the Certified Storm Water Operators for this project.
- Contractors reminded to be careful of tracking material onto road ways.

**V. SUBMITTALS AND SHOP DRAWINGS:**

- D. Frogner provided a list of submittals and shop drawings. D. Frogner will provide updated submittal and shop drawing lists a summary sheet throughout the life of the project.

**VI. OUTSTANDING ISSUES:**

- Mussel Survey – MDOT is in the process of scheduling a meeting with the consultant that will be performing the mussel survey for the end of the month. D. Heuker will pass on further information to D. Frogner as it becomes available.

**VII. UTILITIES:**

- D. Heuker will check on the status of the temporary water main work that needs to take place prior to construction.
- AT & T has relocated the aerial line that crosses M-21. D. Frogner indicated that he has had discussions with John Driscoll at AT & T regarding installing a conduit across M-21. D. Heuker will contact Mr. Driscoll and provide information regarding obtaining a permit for the proposed conduit.
- The DPW has reviewed the street lighting near the site and is prepared to disconnect the lights as necessary.

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

- None to Date

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

- Pay estimate No. 1 will be generated on Tuesday, March 30, 2010.

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

**XI. NEXT PROGRESS MEETING: 1:00 p.m., Wednesday, March 31, 2010 at the Lowell Area Chamber of Commerce, located at 113 Riverwalk Plaza, Lowell, MI.**

**Minutes of Progress Meeting No. 1 were distributed by D. Heuker on 3/26/10. Please submit any changes via email (heukerd@michigan.gov) within 7 days.**