

MINUTES
Planning and Progress Meeting No. 3
for
M-21 over the Flat River Bridge Rehabilitation

PROJECT: BHT 41043-78623A
DATE/TIME: Wednesday, April 7, 2010 – 1:00 p.m.
PLACE: Lowell Area Chamber of Commerce, 113 Riverwalk Plaza, Lowell, MI
ATTENDANCE: Dave Frogner, Anlaan Corp. (616) 842-8442
Randy Wier, Anlaan Corp. (616) 928-4647
Emma Palova, Lowell Ledger (616) 897-9261
Liz Baker, LACC (616) 897-9161
James Hinton, Lowell Police (616) 897-7123
Dan Desjardin, Lowell DPW (616) 897-8478
Bob Robinson, Lowell DPW (616) 897-5929
Al Halbeisen, H.H. 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:

Pre-Stage:

Traffic Signal Work at M-21 and Hudson:

- The signal work to add the left turn phase was completed on 4/1/10.
- The left turn lane striping on Hudson still needs to be completed. The striping is scheduled to be completed on the first day with dry pavement.

Temporary Sewer Connection:

- Kentwood Excavating finished backfilling/grading the septic tank on 4/2/10.
- The flow into the septic tank was more than anticipated so Kentwood trenched in a PVC line between the sidewalk and the temporary barrier wall and then across B03. Kentwood installed a grinder pump in the septic tank to provide the required pressure to force the sewage to the manhole east of B03.

Miscellaneous Removals:

- The street light poles were removed on 3/29/10.

Vibration Analysis:

- The vibration analysis plan was approved on 4/2/10.
- D. Frogner will check whether the baseline vibration measurements have been completed.

Stage I:

- Bridge Demolition:
 - Anlaan installed 2 staff gauges in the river on 3/31/10.
 - The first river drawdown began at 7 AM on 4/2/10. The river is currently drawn down the maximum 2 feet.
 - Anlaan set the temporary concrete barrier wall on 4/5/10.
 - Filter clothes were installed at all drain inlets on 4/7/10.
 - R. Wier expressed concern with the condition of the existing sheeting along the abutments. MDOT and Anlaan reviewed the locations after the meeting. Anlaan will either cut off the sheeting where it is separated from the abutments or will drill through the sheet to attached anchors to the concrete.
 - Anlaan anticipates completion of the 2 inch tap near 101 and 103 E. Main Street by the C.O.B. on 4/7/10.
 - D. Frogner indicated that the bridge decks will be removed and loaded on trucks that are parked within the work area.
 - D. Frogner indicated that the beams will be removed from the structures, and supported by the crane(s) within the work area. After the beams are free from the structure, trucks will be called in to be loaded in the active lane adjacent to the work zone. The trucks will then pull through the project and behind the barrels on the east end of the project to finish chaining the beams. D. Frogner indicated that traffic stoppages for each beam will be approximately 5 minutes or less.
 - D. Heuker reminded Anlaan that a proper flagging sequence shall be in place to stop traffic while the beams are loaded onto the trucks.
 - D. Heuker instructed Anlaan to complete all traffic stoppages between the hours of 9 AM and 2 PM and to allow traffic to clear completely between each stoppage.
 - D. Heuker requested that additional personnel be on site to help guide pedestrians to safe areas while the bridge decks and beams are loaded onto the trucks.
 - D. Heuker reminded Anlaan that the water level is to be raised back to normal elevation by 5/1/10. King Milling will need to begin adjusting the gates on the dams by midnight on 4/27/10 in order to comply with the DNRE permit requirements.

- Dave Frogner to provide status of additional work items to be completed by Anlaan or their subcontractors:
 - No additional work items to discuss at this time.

II. REQUESTS FOR INFORMATION:

- D. Frogner provided an updated list of RFI's and a summary sheet. Outstanding items include:
 - There are no outstanding items 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. Heuker sent D. Frogner a copy of an acceptable Traffic Control Inspection form on 4/5/10. Anlaan will begin completing the form daily effective 4/7/10.**
- 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.**
- Upcoming lane/ramp closures and/or detours:
 - D. Heuker indicated that a wide load restriction of 14 ft. is in effect as of 4/5/10.
 - The traffic switch for Stage I took place on 4/5/10.
 - Review of Traffic Control Items to Complete List:
 - L. Baker indicated that "Girls Night Out" is scheduled for 4/15/10. She expressed concern with pedestrians crossing M-21 within the work zone. L. Baker, D. Frogner, and D. Heuker reviewed the site after the progress meeting and determined the following actions to be taken by Anlaan at the C.O.B on 4/15/10.
 - Anlaan will place "Caution" tape between the barrels on the east end of the temporary barrier wall.
 - With the understanding that pedestrians will likely cross the work zone from the parking lot in the SE quadrant of the project despite the presence of equipment in the work zone, Anlaan will place temporary snow fence across the inactive lane to deter pedestrians from accessing the work zone and proactively attempt to provide a safe location for pedestrians to cross the inactive lane. No additional signing will be provided to minimize encouraging pedestrians to cross at this location.

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: **4/7/10**.
- Mike Hickey is designated as the Certified Storm Water Operator for this project.
- NPDES items to be addressed:

V. SUBMITTALS AND SHOP DRAWINGS:

- D. Frogner provided an updated list of submittals and shop drawings submitted to date. Outstanding items include:
 - Shop drawings for the concrete beams. Revised drawings were submitted to change some of the laminated bearings to plain bearings. A. Halbeisen issued an approval letter on 4/7/10.
 - The bearings that will be changed are: B02 – at the pier; B03 – at Abutment B.
 - A. Halbeisen indicated that no change in elevations will be required as a result of these changes.
- D. Frogner submitted a revised water line contingency plan on 4/6/10. The plan calls for 4 inch HDPE pipe to be used to temporarily cross the bridges between hydrants on the east and west ends of the structures.
 - B. Robinson will provide a list of materials that would be required to implement the contingency plan.
 - D. Frogner will confirm the availability of the materials provided by B. Robinson.
- A. Halbeisen will contact Consumer's Energy regarding shop drawings for the proposed conduit support brackets.

VI. OUTSTANDING ISSUES:

- Mussel Survey – ongoing.
- Turbidity Curtain – the turbidity curtain is scheduled to arrive on site on 4/8/10. D. Frogner will follow up to ensure that a second sample is submitted for testing.

VII. UTILITIES:

- Temporary Water Main (Lee's Trenching):
 - Lee's trenching has completed the remaining work for the temporary water main.
 - B. Robinson indicated he would chlorinate the temporary service in the afternoon on 4/7/10 and that the existing water main could be taken out of service on 4/8/10.
- B. Robinson indicated that the temporary water meter for Anlaan's use is ready and available whenever necessary. D. Frogner expressed concern over a significant change in price to what B. Robinson had previously indicated and indicated he will explore other options for on site water.

VIII. CONTRACT MODIFICATIONS & WORK ORDERS:

- No Contract Modifications or Work Orders to Date
- Work Order #1 will be issued to place additional detour signing on Monroe, Washington, Jefferson, and EB M-21.

IX. PAY ESTIMATES/PAY ISSUES:

- Pay estimate No. 1 was generated on Wednesday, March 31, 2010.
- Pay estimate No. 2 will be generated on Tuesday, April 13, 2010.

X. OTHER DISCUSSION & ITEMS TO BE ADDRESSED:

- The port-a-jons were delivered to the site and placed in front of one of the nearby restaurants. D. Frogner indicated that the port-a-jons will be moved to the following locations.
 - 1 port-a-jon will be placed near the city Christmas tree near the east end of B03.
 - 1 port-a-jon will be placed in the contractor's yard along Front Street.

XI. NEXT PROGRESS MEETING: 1:00 p.m., Wednesday, April 14, 2010 at the Lowell Area Chamber of Commerce, located at 113 Riverwalk Plaza, Lowell, MI.

Minutes of Progress Meeting #3 were distributed by D. Heuker on 4/13/10. Please submit any comments or corrections via email (heukerd@michigan.gov) within 7 days.