

MINUTES
Planning and Progress Meeting No. 4
for
M-21 over the Flat River Bridge Rehabilitation

PROJECT: BHT 41043-78623A
DATE/TIME: Wednesday, April 14, 2010 – 1:00 p.m.
PLACE: Lowell Area Chamber of Commerce, 113 Riverwalk Plaza, Lowell, MI
ATTENDANCE: Dave Frogner, Anlaan Corp. (616) 842-8442
Emma Palova, Lowell Ledger (616) 897-9261
Liz Baker, LACC (616) 897-9161
James Hinton, Lowell Police (616) 897-7123
Bob Robinson, Lowell DPW (616) 897-5929
Tom Russo, Lowell Light & Power (616) 894-8402
Mark Droog, Lowell Light & Power (616) 894-8402
Al Halbeisen, H.H. Engineering (616) 897-0074
Mike Lamancusa, MDOT (616) 464-1800
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 left turn lane striping on Hudson was completed on 4/12/10.
- The left turn lane striping on WB M-21 near Jackson was completed on 4/12/10.
- The stop bars on NB & SB Hudson were placed on 4/12/10, but did not stick. D. Frogner will have Michigan Pavement Markings replace the stop bars. M. Hickey indicated that MPM did not clean the pavement or apply adhesive before placing the stop bars initially.

Vibration Analysis:

- Baseline vibration measurements were completed on 3/23/10.

Stage I:

• **Bridge Demolition:**

- The first river drawdown began at 7 AM on 4/2/10. The river is currently drawn down the maximum 2 feet.
- 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.

• **B02:**

- Anlaan removed the beams on Span 1 on 4/13/10.

- The deck of Span 2 has been removed. Anlaan anticipates removing the beams on Span 2 on 4/14/10.
- Demolition is complete on the backwalls.
- Anlaan anticipates sawcutting the pier and abutments on 4/15/10 and completing removals by the end of this week.
- **B03:**
 - Anlaan anticipates removing the deck and beams and completing the backwall demolition by the COB 4/14/10.
 - Anlaan anticipates sawcutting the pier and abutments on 4/15/10 and completing removals by the end of this week.
- Dave Frogner to provide status of additional work items to be completed by Anlaan or their subcontractors:
 - Kentwood Excavators completed the water line thrust block on 4/12/10.

II. REQUESTS FOR INFORMATION:

- D. Frogner provided an updated list of RFI's and a summary sheet. Outstanding items include:
 - Currently, there are no outstanding RFI's.

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 the status of the Traffic Control Inspection Reports to date.**
- 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:

- Please see the attached sheet.
- 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 on 4/7/10 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.
- J. Hinton indicated that contractor's vehicles are still being parked along the streets near the construction site. J. Hinton indicated the Lowell PD has begun issuing citations for parking violations. J. Hinton and D. Frogner reviewed the intended location for contractor employees to park. D. Frogner will follow up with appropriate personnel from each contractor.

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: **4/8/10**.
- 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:
 - 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.

- T. Myers provided a list of potential materials that would be needed to implement the water line contingency plan and verified availability with Etna Supply.
- B. Robinson indicated that Etna Supply is holding materials for the city of Lowell in case implementation of the water line contingency plan is required.
- B. Robinson indicated that one fitting would take 3 or more days to fabricate. The city of Lowell will order the fitting to avoid any delays in implementing the water line contingency plan.
- A. Halbeisen will contact Consumer's Energy regarding the proposed conduit support brackets.
 - D. Frogner indicated that the brackets are scheduled to be delivered to the site on 4/29/10.
- D. Frogner will coordinate with F & M Construction Co. to resubmit the decorative concrete mix design.

VI. OUTSTANDING ISSUES:

- Mussel Survey – ongoing.
- Turbidity Curtain – the turbidity curtain is scheduled to arrive on site on 4/8/10. D. Frogner indicated that a second sample has been submitted for testing.
- D. Heuker to send A. Halbeisen an informational copy of RFI's and responses.
- 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 were moved to the following locations.
 - 1 port-a-jon is placed near the city Christmas tree near the east end of B03.
 - 1 port-a-jon is placed in the contractor's yard along Front Street.

VII. UTILITIES:

- Temporary Water Main (Lee's Trenching):
 - 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.
 - T. Myers submitted a detail for placing a thrust block on the existing water line. D. Heuker forwarded the detail to Anlaan on 4/13/10.
 - M. Lamancusa inquired how the temporary water main work would be charged to the TWA. B. Robinson will follow up to determine if 1 billing will be made or multiple billings.
- 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 estimated and indicated he will explore other options for on site water.
- Lowell Light & Power will supply 4 – 3 inch 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.

- A. Halbeisen expressed concern that the brackets for the conduits have already been fabricated and will not facilitate the larger conduit. D. Frogner confirmed that the brackets have already been fabricated.
- LL & P will review the plans and provide more information as it becomes available as to the preference of conduit size.
- 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.
- D. Frogner indicated that AT & T would like a conduit crossing installed near Sta 834+75. D. Heuker contacted J. Driscoll from AT & T to begin the permitting process.

VIII. CONTRACT MODIFICATIONS & WORK ORDERS:

- Work Order #1, 4/8/10, Place additional detour signing on Monroe, Washington, Jefferson, and EB M-21.

IX. PAY ESTIMATES/PAY ISSUES:

- Pay estimate No. 2 was generated on Tuesday, April 13, 2010.
- Pay estimate No. 3 will be generated on Tuesday, April 27, 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.

X. OTHER DISCUSSION & ITEMS TO BE ADDRESSED:

- D. Frogner inquired whether the insides of the beams need concrete surface sealer. D. Heuker will review and provide direction.

XI. NEXT PROGRESS MEETING: 1:00 p.m., Wednesday, April 21, 2010 at the Lowell Area Chamber of Commerce, located at 113 Riverwalk Plaza, Lowell, MI.

Minutes of Progress Meeting #4 were distributed by D. Heuker on 4/21/10. Please submit any comments or corrections via email (heukerd@michigan.gov) within 7 days.

Traffic Control Items to Complete
MDOT JN 41043-78623A
Date: April 14, 2010

Item	Date Completed or Est. Completion Date
1. Type III barricades on WB M-21 blocking local traffic. D. Frogner will have one of the barricades removed.	_____
2. Pavement markings for left turn lane on WB M-21 @ Jackson.	<u>4/12/10</u>
3. Pavement markings for left turn lane on NB Hudson @ M-21.	<u>4/12/10</u>
4. Stop bars on NB & SB Hudson @ M-21. D. Frogner will have MPM replace the stop bars.	<u>4/12/10</u>
5. Pavt. Mrkgs. for temporary crosswalk between B02 and B03.	<u>4/13/10</u>
6. Install lane designation signs at all legs of M-21 & Monroe intersection. D. Frogner will follow up with GEBS.	_____
7. Install "Public Parking" signs in SW Quad of M-21/Monroe and on Monroe south of M-21. D. Heuker will check the status.	<u>Complete</u>
8. Install "Sidewalk Closed" sign on north side of M-21 near Flat River Grill. D. Heuker will check the status.	_____
9. "Road Closed Ahead Local Traffic Only" sign on WB M-21 @ Jackson D. Frogner will follow up with GEBS.	_____
10. Install "No Parking" signs on EB M-21 near Jackson D. Heuker will review with J. Hinton and follow up.	_____