

MEETING SUMMARY

City of Montpelier

Berlin Street 16" and River Street 12"
Water Transmission Main Project
April 18, 2008 Weekly Progress Meeting

The following is a summary of the April 18, 2008 Weekly Progress Meeting held at the Engineer's field trailer in Montpelier at 10:00 AM for the Berlin Street 16" and River Street 12" Water Transmission Main Project. If you have any questions regarding the information contained in this document, please notify Kurt Motyka of Public Works Department

1. Review Revised Schedule Prepared by DuBois Construction

- | | <u>Revised Dates</u> |
|--|-------------------------------------|
| • Start-up | April 28, 2008 |
| • River Street 4" Borings & Services | April 26, 2008 – May 2, 2008 |
| • River Street Paving and Miscellaneous Work & Cleanup | May 6, 2008 – June 5, 2008 |
| • Mobilize to Berlin Street | May 13, 2008 – May 16, 2008 |
| • River Street Completion | June 5, 2008 |
| • Berlin Street Main Line Pipe Completion | July 8, 2008 |
| • Berlin Street Completion & Final Completion | Sept. 10, 2008 |
| • Remaining items on River Street: | |
| ○ 3 horizontal bores with 2 water services per sleeve on westbound side. | |
| ○ 4 water services on eastbound side. | |
| ○ Fire Hydrant across parking lot at the Trading Post. | |
| ○ Foster adapter and end cap at future gate valve by guardrail cut at the Trading Post. | |
| ○ Cut and cap at 223 River Street, 172 River Street (by Car Wash) and at Wheelock Street. | |
| ○ Permanent paving from guardrail cut by Trading Post to Wheelock Street. (30 day settlement time required on all trenches prior to installing permanent pavement) | |
| ○ Curb and sidewalk restoration. | |
| • Pike in Williston will open on April 28 th . Pike in Berlin will open on May 12 th . | |

2. Construction Easements

- City has obtained two of the three easements and gave Stantec a copy of them.
- The City has requested that DuBois provide a price to build and erect an 8' tall by 12' wide sound barrier for the remaining borings that are in close proximity to buildings.
- The City stated that if the final construction easement is not obtained by the time Bore-Tech is ready to perform this directional bore DuBois has permission to open cut this water service crossing. The City's still prefers the directional bore method over the open cut method.

NOTE: The City obtained the final easement on 4/22/08.

3. Construction Notification

- The City has mailed out letters to all residents and property owners within the project limits to notify them that construction will start.
 - River Street Construction Start-up on April 28, 2008
 - Berlin Street Construction Start-up on May 13, 2008
- DuBois has requested a copy of the letters. Stantec will provide the letters to DuBois.
NOTE: Stantec forwarded a copy of the letters to DuBois on April 18, 2008.
- Stantec asked the City if the residents and property owners are going to be notified of the change in the start dates. The City stated the updated schedule would be posted on the City of Montpelier's web site and that a summary of the meeting would be sent out to the individuals who signed up for the distribution list at the public meeting held in March.

4. Variable Message Board

- DuBois will be placing two variable message boards up today after the meeting. They will be placed Route 2 by the Green Mountain Power substation and by National Life Drive.
NOTE: DuBois placed the two message boards on April 18, 2008.
- Stantec stated that there are variable message boards on I-89 to notify vehicular traffic of construction between Exit 7 and Exit 8. It was decided that the City would contact VTrans to ensure the boards don't divert traffic to Route 2.
NOTE: The City contacted VTrans on April 21, 2008.

5. Alternative Staging Area

- City asked if DuBois has located an alternative staging area for Berlin Street work.
- DuBois has not pursued an alternative staging area yet, but will look into it this week. DuBois' intentions are to leave the field and storage trailers at the Trading Post staging area but find an alternative site closer to Berlin Street for a gravel and stock pile yard. DuBois will keep the water pipe at their shop and string the pipe that they feel will be installed that day along the side of road each morning.

6. RPR Replacement

- T.J. Melendy will replace Connie Slater as Resident Project Representative for the project starting in mid May. Connie Slater will be placed on the Northfield Project.
- DuBois stated they would prefer keeping the same RPR on site until the end of the project. DuBois claims they have never had a good experience when the RPR is changed in the middle of a project.
- Stantec stated that due to the situation in Northfield there is no alternative. Tom Nesbitt will be on site more frequently this year and Connie will be continue to assist as needed on this project.
- Both Connie and T.J. will be on site until the middle of May or until the Northfield project starts up at which time Connie will move to the other project.
- The City will have a DPW water personnel onsite during the morning hours to assist DuBois and Stantec locate existing utilities.

7. Walk Through

- DuBois, Stantec and the City will perform a walk through prior to starting any work on Berlin Street to locate valves, existing utilities and potential conflicts.
- Stantec notes that Berlin Hill water was installed by VTrans and the ties may not be very accurate. Exploratory excavation may be required to locate the future end cap.
- The City has marked out the water main and water services on River Street but will touch up the markings up prior to construction on this road.

8. Traffic Control Plan

- DuBois distributed a tentative traffic control plan for River Street.
- Paving Work Zone on River Street
 - One-way traffic through a 300 foot coned off work zone.
 - 3-5 minute stops.
 - During peak hours 50 cars will be let through at a time.
 - During off peak hours 25 cars will be let through at a time.
- Service Work Zone on River Street
 - Most of the time two-way traffic will be maintained through a 150' coned off work zone and a 300' traffic detour section.
 - If one way traffic is required it will be handled the same way as the paving work zone.
- Most of the time DuBois will be able to maintain two-way traffic on Berlin Street.
- DuBois stated that one-way traffic may be required on Berlin Street when pipe is being placed in the middle of Route 2 or when services are being installed from this location.
- DuBois stated that jersey barricades and orange safety fencing will most likely be used to safely route pedestrian traffic through the construction zone. Cones and barrels will be used for vehicular traffic lane closures and rerouting.
- The City of Montpelier did approve the use of an extra flagger to get pedestrians safely around the construction work zone and to assist vehicles safely get out of driveways and onto Route 2.

9. UTO – Washington County Sheriff

- DuBois would like to use the Sheriff most of the time because their presence tends to calm motorists. The Sheriff Department is very busy this year and may not be able to supply a UTO unless they are reserved way in advanced and on a consistent basis.
- The City and Stantec both feel that a UTO should be utilized during the first and maybe the second week of construction on both River Street and Berlin Street. UTO's should also be utilized until traffic backups clear major intersections like Berlin Hill and Pioneer Street. The remainder of the time flaggers should be utilized.

10. Lazerwash Insurance Claim

- The City asked if DuBois has resubmitted this claim a second time to their insurance company. DuBois stated that they have not resubmitted the claim as of the meeting.
- Stantec stated that this claim must be resolved prior to the end of the project.

11. Detectable Sidewalk Warning Systems (DSWS)

- Stantec noted that ADA Accessibility Guidelines require DSWS must be added to sidewalk ramps to notify the visually impaired of hazardous vehicular traffic for all new construction and alterations.

- Stantec stated that at a design meeting for the Round-About Project it was discussed that since the sidewalk would be replaced from Walker's to Pioneer Street, the DSWS would be included as part of the project for Blackwell, Taplin and Pioneer Streets. The City will check to see if this is still the case and get back to Stantec with the information.

NOTE: The City looked into this and the confirmed DSWS will be installed for these streets under the Round-about project.

12. Sidewalk and Curb Restoration

- Stantec was concerned that new sidewalks would be placed by DuBois and then torn out by the Sewer Project. Stantec asked if the granite curbs and concrete sidewalks should be restored by DuBois after they have completed the water service connections or should temporary bituminous sidewalks be placed?
- The City stated that they are planning to install 330 LF of 6" underdrain along the curb line between Wheelock Street and True Colors. In this section DuBois is to only place temporary bituminous sidewalks.
- Stantec reminded the City that there is still a stockpile of their old granite curb from the Route 2/Route 302 Water Project at Grossman's. Tom McArdle arranged for the curb to be stockpiled here.

NOTE: The City confirmed that this curb is to be installed under the Route 2/302 project.

- Stantec stated that this project was estimated at 80% reuse of existing granite curb and 20% new granite curb. All curved granite curb is to be replaced with new straight granite curb.
- The City stated that any excess granite curb from this project is to be stockpiled at the upper level of the City's Stump Dump.

13. Permanent Paving

- Stantec stated that sections of the existing pavement at the edge of the concrete subbase are in very poor shape. Some of these areas are outside the trench limits. Does the City want DuBois to repair these areas?
- The City will have the DPW street crews repair these areas.
- The City stated that as part of the Round-About Project the existing pavement will be ground 2" deep and then have a full width overlay placed between Walkers and 100 feet past Pioneer Street.
- DuBois had questions on the thickness of the permanent pavement that is required and asked for clarification.
- Stantec stated that per the City's request last year the following pavement schedule:
 - Driveways and side streets – 4" Permanent Bituminous Pavement
 - Shoulder starting 1' outside the travel lane – 4" Permanent Bituminous Pavement
 - Travel Lane to include first foot of shoulder – Total of 6 ½"
 - Travel Lane where all concrete subbase was removed 12" Permanent Bituminous
- Stantec will provide cross sections of the different pavement schedule and mark out the plans as to where each is to be installed.
- DuBois wanted to know if they could use 4" lifts for the Type I Bituminous sub-base pavement.
- The City stated that DuBois could hire a testing firm to verify that their compaction methods are adequate for 4" lifts.
- Stantec stated that per Sheet C8 of the Plans the maximum lifts for this type of pavement is 3". The maximum lift is calculated as two times the largest stone.

- DuBois will use the 3" lifts for the Type I bituminous sub-base pavement.

14. Sewer Project

- The City stated that they did not want to advertise for bids for this project until they knew what the schedule was for completing River Street.

15. Record Drawings & Construction Plans for Sheet C6

- Both the City of Montpelier and DuBois would like extra copies of the copies of the record drawings for River Street and Sheet C6 of the Construction Plans.

16. Boring Depths for Services

- The City has required the following depths to the top the sleeves on River Street
 - 121/123 & 125/127 River Street – 6.0 VF
 - 141 & 143 River Street – 5.5 VF
 - 163 & 153 River Street – 6.0 VF
- Stantec is concerned that the separation distance between the new water service and the existing storm drain is not sufficient and may cause freezing in the winter. Stantec suggested excavating under the storm drain and installing rigid insulation between the storm drain and sleeve.
- Stantec asked if the City has verified that the new elevations for the sleeves are not in conflict with the existing storm drain since the sleeve was designed to go past the storm drain. The City will verify that the new elevations for the water service sleeves do not conflict with the existing storm drain.
NOTE: The City verified that the storm pipe at the 141 & 143 crossing is 5.3ft to the invert of the pipe and provided a sketch of existing and proposed depths for utilities.

17. Construction Hours

- The City wanted to know if DuBois will be starting prior to 7:00 a.m.
- DuBois will try to start the work day a little earlier. Start up work hours will depend on the time trucks delivering pavement can be on site. DuBois does not want their crews being nonproductive while waiting for pavement.

18. Superintendent Replacement

- Jim Marshall will replace Owen Cookson as project superintendent for DuBois for the remainder of this project.

19. Telephone Service to Engineer's Field Trailer

- The phone service has not been installed yet. DuBois has to install a separate mast for the phone company. The electrical mast may not be used.

20. Next Meeting

- The next weekly meeting will be held on May 2, 2008 at 10:00 a.m. at the field trailer.
- The City advised DuBois that an updated schedule was only required at the monthly meetings. The City requested that DuBois supply them only with a summary of the upcoming weekly events at each weekly meeting.