

All Weekly Updates for Potomac Avenue Sewer Repairs:

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending January 6, 2017:

1. The contractor completed removal of the structural support and dewatering system for the excavation. Additional backfilling will be required as a result of this task.
2. The sewer bypass pumping system has been removed from the site.
3. The next step is repairing the water main adjacent to the excavations. This work will commence the week of January 9th.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending December 30, 2016:

1. The repaired sewer system was reinstated back into service on Tuesday 12/27/16 and is being monitored. The sewer bypass system was shut off on 12/27, however, it will remain on standby through this holiday weekend.
2. The contractor has completed the backfilling of the excavation as of 12/30/16.
3. The next step is to removal of the structural support for the excavation and the dewatering system. Once the site is prepared, the contractor will replace the disturbed portion of the water main.
4. The contractor will continue to monitor the site over the holiday weekend.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending December 22, 2016:

1. The contractor has completed repairs to reconnect the sanitary sewer pipes and manhole. The contractor will continue to backfill the excavation.
2. The repaired sewers will be tested the week of 12/26/16. The sewer bypass system will continue to operate over the holiday weekend.
3. The contractor will visit the site daily over the holiday weekend to ensure the site remains safe.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of December 19, 2016:

1. The contractor will continue to work on completing the sewer repairs.
2. Upon the completion of the repairs, the contractor will start backfilling the current excavation.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending December 16, 2016:

4. The contractor completed the foundation work for the sewer repairs.
5. The contractor has started installation of the sewer pipes and manhole and will continue to work on completing this task next week.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of December 12, 2016:

1. Engineering consultants met with the contractor to provide direction on repairing the sewer on Monday morning (12/12/16).
2. The contractor will start the foundation work to repair the sewer in the current excavation.
3. Coordination with Fairfax Water will continue for the repairs to the water main adjacent to the previous and current excavations.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending December 9, 2016:

3. The contractor completed cleaning the pipe from the excavation to Belle View Blvd.
4. The pipe was inspected and no additional damage was incurred.
5. The contractor has started the foundation work for repairing the sewer in the current excavation.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of December 5, 2016:

4. The contractor has scheduled to clean the pipe on Tuesday and Wednesday, weather permitting. The cleaning efforts may take more than a full day.
5. Once the cleaning has been completed, the pipe will be inspected to evaluate the damage.
6. The results of the inspection will determine the next steps taken to repair the broken pipe.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending December 2nd, 2016:

1. The work to bury the temporary water system has been completed.
2. Along with the rain events, the contractor faced a few challenges with operating the dewatering system and therefore was not able to start the cleaning of the pipe this week. The dewatering system is currently back in operation.
3. The contractor has scheduled for the pipe to be cleaned on Tuesday and Wednesday of next week. Once the cleaning is completed, the pipe will be inspected.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of November 28, 2016:

1. The contractor will work with Fairfax Water to complete the transition of the temporary water service.
2. The contractor has exposed the broken pipe and will work to clean the entire pipe from the excavation down to the intersection of Belle View Blvd.
3. Once the cleaning is completed, the pipe will be inspected to determine the required repairs.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending November 23, 2016:

7. The contractor continued to excavate around the broken pipe to prepare for the inspection of the pipe next week.

8. The contractor buried the temporary water service to prevent freezing and service outage. Fairfax Water will be onsite on Monday 11/28/16 to complete the transition. A short water service outage will be required and Fairfax Water will notify the residents of the outage.
9. Due to the holidays, the contractor will work through Wednesday and return to the site on Monday, 11/28/16. A contractor representative will visit the site twice daily to insure site security and safety.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of November 21, 2016:

As you all may be aware, this week is the week of Thanksgiving and a short work week. The Contractor plans to work through Wednesday 11/23/16.

1. The contractor has uncovered the broken section of the pipe, will continue to excavate around the pipe break to setup for inspection/repairs.
2. The contractor will work to bury the temporary water service lines (currently above ground) to prevent freezing and water outage.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending November 18, 2016:

1. The contractor was able to resume the dewatering efforts at the site.
2. The contractor was able to complete structural support for the new excavation.
3. With structural support completed, the contractor started the excavation efforts to get down to the pipe break.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of November 14, 2016:

1. The contractor is finishing the remaining work involving the installation of additional structural support for the excavation.
2. The contractor is having difficulties with the dewatering system and they're working to resolve this.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending November 11, 2016:

Tomorrow, Nov. 11th is Veterans Day and a Fairfax County holiday. Below is the progress status for this week as of Nov. 10th.

1. Work continued on the installation of the dewatering system, some difficulties during the installation has caused delays in this task. The contractor is working to have the system in operation by Friday, Nov. 11th.
2. The site was prepared for the installation of additional structural support for the excavation. The contractor expects to start the installation on Friday, Nov. 11th.
3. The contractor has cleared all material at the intersection of I street and Potomac Avenue. This portion of the sidewalk is now open.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of November 7, 2016:

1. The work to complete the installation of the dewatering system has taken longer than anticipated, the contractor expects to complete this task early this week.
2. Once the dewatering system is completed, additional structural support will be installed to prepare for the excavation.
3. The remaining pipes and appurtenances at the intersection of Potomac Avenue and I street will be removed by the end of the work week.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending November 4, 2016:

1. The contractor worked on installing the dewatering system required for the new excavation. This work will continue through the weekend.
2. The contractor has removed the stockpile of sand at the intersection of I Street and Potomac Avenue.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of October 31, 2016:

1. The contractor is preparing to remove the dewatering system from the original excavation.
2. The contractor will install a new dewatering system for the new excavation.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending October 28, 2016:

3. The contractor completed installation of structural support for the new excavation on Friday.
4. All remaining pumps and equipment from the original sewer bypass pumping system was removed from the site.
5. The stockpile of sand near the intersection of I Street and Potomac Avenue will be used by the contractor next week and the remainder will be removed from the site.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of October 24, 2016:

4. The contractor will prepare the site and begin work on installing the structural support for the new excavation.
5. The work to install the structural support is scheduled to be completed this week.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending October 21, 2016:

6. The contractor completed backfilling the excavation.
7. The sewer bypass pumping was relocated to consolidate the site and mitigate impact on the community. The pumping system is now located at the replacement manholes in Potomac Avenue.

8. The contractor conducted site cleanup and other utility work to prepare for the adjacent excavation of the downstream pipe break.

The following is upcoming work for the Potomac Avenue Emergency Sanitary Sewer Repair Project during the week of October 17, 2016:

6. The contractor will complete the backfilling.
7. The contractor will relocate the bypass pumping system. This work is currently planned for Tuesday, 10/18.
8. The contractor will conduct site cleanup/restoration related to the relocation of the bypass pumping system and completion of backfilling.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending October 14, 2016:

1. The backfilling of the excavation is approximately 95% complete.
2. The structural support for the excavation has been removed.
3. The bypass pumping system will be moved early next week.

The following is a progress update on the Potomac Avenue Emergency Sanitary Sewer Repair Project for the week ending October 7, 2016:

9. The contractor completed the final connection to the replacement manholes. All pipe connections to new manholes have been completed.
10. The contractor continued to backfill the excavation, this task is now approximately 70% completed.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of October 2, 2016:

1. WCD staff will continue to monitor the site.
2. WCD is continuing to clean and CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
3. The backfilling and compaction of the existing excavation has gone according to schedule. The contractor is approximately 50% complete with the backfilling and compaction.
4. The team is coordinating with surrounding utilities in preparation of the next excavation for the adjacent (downstream) pipe break.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of Sept. 9, 2016:

1. WCD staff will continue to monitor the site.
2. WCD is continuing to clean and CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
3. With the forecasted tropical storm last weekend, the project team planned for emergency response and daily monitoring of the project site throughout the holiday weekend (9/3/16 to 9/5/16). While the storm avoided the area, the site was monitored twice daily and the site remained safe.

4. During the week of 9/5/16, the contractor started installing the new manholes and connecting new pipe. The work is progressing well.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of Sept. 1, 2016:

5. WCD staff will continue to monitor the site.
6. WCD is continuing to clean and CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
7. On the week of 8/29/16, the contractor started the installation of the foundation for the new manholes and pipes and is making good progress.
8. Once the contractor completes this work, the current excavation will be backfilled and the contractor proceed to start the repair process for the adjacent pipe break.
9. The contractor will check the site through the holiday weekend to insure site security and safety with the impending tropical storm scheduled to hit locally.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 8/12/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. WCD is continuing to CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
3. WCD is performing cleaning of the pipes upstream of the bypass pumping system on a weekly basis in an effort to avoid debris buildup.
4. On 7/29/16 the contractor notified the County of new problem with the existing sanitary sewer pipe, adjacent to the excavation.
5. Based on field inspection, there seems to be a break in the sanitary sewer pipe, just outside of the excavation. The pipe is empty as part of the current sewer bypass operation.
6. The contractor is attempting to complete the repair work and backfill the current excavation prior to attempting to repair the new break.
7. The design for the support of the new manholes and pipes have been submitted to the contractor.
8. The contractor will order the required material for the manhole support, per design. The manholes and pipes are on site.
9. The project team is meeting with Supervisor Stork on site, the week of 8/15/16.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 7/29/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. WCD is continuing to CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
3. WCD is performing cleaning of the pipes upstream of the bypass pumping system on a weekly basis in an effort to avoid debris buildup.

4. The contractor has excavated down approximately 15 feet and has removed the existing damaged manhole and pipes.
5. An on-site meeting was held on Friday, July 29, 2016 to discuss the approach for structural support of the manholes and pipes as recommended by the geotechnical consultants.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 7/8/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. WCD is continuing to CCTV the sanitary sewer pipes upstream of the bypass on a weekly basis to avoid debris buildup in the lines.
3. Based on CCTV inspections, WCD will perform cleaning of the sanitary sewer lines as required.
4. Xylem, the bypass pumping contractor is now performing maintenance on all pumps and bypass system on a weekly basis, previously this was performed bi-weekly.
5. Xylem has replaced the main bypass pump at the request of WCD due malfunctions.
6. Based on ECS (Geotechnical Consultant) recommendation, additional dewatering wells were installed the week of 6/27/16.
7. The new dewatering wells appear to be helping with the dewatering effort and Flippo has resumed excavation.
8. The effectiveness of the new dewatering system will be more clear next week.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 6/17/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. Starting Friday, 6/17/2016 WCD will monitor additional manhole's within the vicinity of the repair project.
3. A basement backup occurred on 6/14/2016 and was reported to WCD on 6/15/2016. The home had a basement backup and the cause is being investigated. Debris build-up in the line may have contributed to the backup. Fairfax County Risk Management has been notified and will be contacting the homeowner.
4. Once the backup was reported, all manholes within the vicinity of the pump were inspected, and bypass pumping system was inspected.
5. WCD completed cleaning and CCTV inspections of all lines upstream of the bypass pump on 6/17/2016. WCD will clean these lines on a weekly basis for the duration of the repairs.
6. Post cleaning inspection confirmed the cleaning removed all debris in the line.
7. County consultant and contractor are exploring additional dewatering methods to aid in the on-going excavation.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 6/10/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. On 5/31, Fairfax County's project team presented the details of the project to the New Alexandria HOA members and discussed the steps required to repair the manhole.
3. On 6/2, groundwater started seeping into the excavated area and slowed the progress of the excavation.

4. During the week of 6/6 it was deemed a solution was required to slow down the groundwater and safely finish the excavation required for repairing the sewer system.
5. The project team met on site on 6/10 to discuss an effective dewatering plan for the excavated area and allow for Flippo to continue excavation. The following decision was made:
 - a. Flippo's dewatering contractor (Griffin) will drill 6 test holes to determine the location of the groundwater. Griffin is expected to conduct this task the week of 6/13.
 - b. Flippo will approach Heyward Baker Inc. to discuss other possible solutions to keep the groundwater from entering the trench. Heyward Baker Inc is a geotechnical construction firm specializing in soil stabilization and groundwater control.
6. The excavation process will resume once the groundwater is under control. Currently, Flippo has excavated down approximately 10 feet.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 5/31/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. Washington Gas completed the abandonment of their old gas main on Potomac Avenue on 5/19/2016.
3. Flippo completed the installation of sheet piles on 5/25/2016.
4. Flippo has started excavation and is currently installing additional structural support for the excavation area, per excavation design.
5. Once excavation is complete, Fairfax County engineers and engineering consultants will attempt to determine the cause of failure and design repairs to the sewer system accordingly.
6. Fairfax County's project team will be attending the New Alexandria HOA meeting on 5/31 to provide a project update and feedback to residents.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 5/13/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. Washington Gas completed relocation of their gas main on Potomac Avenue, the new gas main is no longer within our excavation area. Washington Gas is scheduled to complete the abandonment of their old gas main on Potomac Avenue on 5/19/2016.
3. Fairfax Water's water main within the excavation area has been taken out of service, Fairfax Water will maintain water service throughout construction.
4. Flippo is scheduled to mobilize excavation equipment/machinery on 5/16 and will take delivery of material on 5/17 and 5/18.
5. Flippo is scheduled to begin the installation of the sheet piling on 5/19, this task may take up to 3 weeks. Once sheet piling installation is completed, Flippo will start excavation.
6. The Belleview HOA has received proper notification of the possible vibration from the installation of the sheet piles.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 4/29/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. In coordination with the contractor and consultant, excavation is scheduled to start in 3 weeks, contingent upon completion of Washington Gas construction.

3. Washington Gas will be relocating their gas main to a safe distance away from the construction zone. Their construction is scheduled to start 5/2/16.
4. Fairfax Water has submitted their engineering plans for modifications and repairs to their water main during construction for the Potomac Avenue sanitary sewer.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 4/20/2016:

1. WCD staff will continue to monitor the site including the bypass pumps and dewatering wells.
2. In coordination with the contractor and consultant, excavation is scheduled to start in 2-3 weeks, contingent upon arrival of designed shoring material.
3. Coordination with Fairfax Water and Washington Gas is on-going, to protect surrounding utilities.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 4/8/2016:

1. WCD staff continued to monitor the site and will continue the 24 hour monitoring until further notice.
2. The bypass pumping continued to operate well and no new basement backups were reported. County staff met with the contractor and consultants on 4/8/16 to discuss work completed and confirm plans moving forward; which includes continuing to dewater to a safe level before excavation can begin and to start the preliminary design for the repair of the pipeline and manhole.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 4/4/2016:

1. The additional dewatering wells are now in operation.
2. WCD staff continued to monitor the site and will continue the 24 hour monitoring until further notice.
3. The bypass pumping continued to operate well and no basement backups were reported over the weekend.
4. County project team, Flippo (contractor) and Dewberry (consultant) will meet on Friday, 4/8/16 to discuss the details of the upcoming construction work.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 4/3/2016:

1. Additional dewatering wells were installed on Saturday, 4/2/2016.
2. WCD staff continued to monitor the site and will continue the 24 hour monitoring until further notice.
3. The bypass pumping continued to operate well and no basement backups were reported over the weekend.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 3/31/2016:

1. Dewberry's survey crew concluded the site survey.

2. Two basement backups reported downstream of the bypass pumping, the Belle View HOA cleaned both homes.
3. WCD investigated the basement backups and concluded the cause to be sand that was pumped into the sanitary system via the bypass pumping.
4. WCD crews worked overnight to clean all affected pipes and manholes in Belle View to reduce chances of future backups.
5. WCD will continue to have crews on site to monitor the bypass system throughout the weekend.
6. Flippo is continuing to coordinate efforts to start excavation, hopefully next week.

The following is an update on the Potomac Avenue Emergency Sanitary Sewer Repair Project as of 3/30/2016:

1. WCD continued to use a temporary 4-inch pump to lower the water level in the sunken manhole. Xylem will have a new pump and appurtenances installed to replace the WCD pump on 3/31/16.
2. WCD crews cleared out sand inside the sunken manhole to determine if flows from the two 8 inch pipes are still flowing into the sunken manhole. There was visual evidence of ground water entering the sunken manhole.
3. WCD CCTV re-televised the two 8-inch pipes that connect to the sunken manhole to investigate damage to the pipe and track the amount of solid buildup in the pipes. The CCTV shows a break in one of the 8-inch pipes and a buckle in the other.
4. Dewberry's survey crew started collecting survey data at the site.
5. Flippo confirmed that two additional dewatering wells will be installed on 4/1/16 or 4/2/16, weather permitting.
6. ECS will attempt to sample the soils again early next week and make a determination on the structural support required for excavation.

Potomac Avenue Emergency Sanitary Sewer Repair : Field update from Tuesday (3/29/16):

1. UDCD and Dewberry met on site with Paul Agutter from ECS to discuss the geotechnical aspect of this project.
 - a. ECS has an abundance of soil data from this area, so additional geotechnical test holes are not required.
 - b. ECS stated that proper dewatering and shoring are key for this project.
 - c. ECS will install a total of four (4) geotechnical settlement monitors, one in front of each building closest to the site. These will help ensure the safety of the structures throughout our construction activities.
2. Flippo began excavating and dug a test pit. Water was encountered at about 11 feet, which is a few feet shy of our target depth. The test pit was promptly backfilled to prevent any caving-in from the water.
 - a. ECS recommended installing a second dewatering well prior to any further excavation. Flippo is working on getting a dewatering subcontractor out to the site as soon as possible.
3. Flippo is constructing pedestrian ramps for the bypass pipe sidewalk crossings and will have them installed by the end of the day
4. Prospective schedule moving forward:
 - a. Dewatering subcontractor installs dewatering well on Thursday, 3/31.

- b. Allow site to dewater for 48 hrs.
- c. On Monday, 4/4, dig another test pit to determine the presence of water and/or running sand. If either are present, we will have to use sheet piles as the excavation shoring method, which is more time and labor-intensive than trench box shoring.

Potomac Avenue Emergency Sanitary Sewer Repair : Field update from Monday (3/28/16):

The project team, consisting of WCD, UDCD, Dewberry, and Flippo Contracting, met onsite today to discuss how to move forward with the project.

1. Brendan Schillo (UDCD) is the Project Manager for this emergency project and will be the main point of contact for all communications. Brendan.Schillo@fairfaxcounty.gov; Cell #: 703-659-7048.
2. Flippo will be getting an excavator on site first thing tomorrow morning. They will try to excavate the sinkhole using trench boxes. If running sand is present in this area, trench boxes may not work, in which case we will have to use Z-Lock Sheet Piles. If the sheet pile method is required, it will be necessary to shut off the adjacent gas and water utilities.
3. Dewberry recommended that ECS be brought in for geotechnical consulting.
 - i. Paul Agutter from ECS will be onsite tomorrow morning at 9:00AM to observe the sinkhole excavation and provide recommendations.
 - ii. UDCD also requested ECS to look into installing geotechnical settlement monitors to protect the surrounding buildings.
4. Dewberry will assist with VDOT permitting.
5. WCD and UDCD requested Flippo to install some additional safety and security measures.
 - i. A 6-foot chain-link fence will be erected around the pumps that are at the corner of I Street and Potomac Ave.
 - ii. Pedestrian ramps will be placed at the five locations where we have bypass pumping pipe crossing a sidewalk.
 - iii. Detour signs are being procured by Flippo and will be set up as soon as they receive them.
6. Design plans from previous projects in this area have been distributed to the project team for reference.

Potomac Avenue Emergency Sanitary Sewer Repair : Field update from Saturday 3/26/16:

1. Flippo has installed the security fence around the depression in the road at manhole 93-2-121 to secure the site.
2. Flippo has drilled the well point for dewatering around the construction areas and they are currently working on connecting to manhole 93-2-069 on Belle View Blvd. This work is scheduled to be completed this afternoon. No construction is scheduled for Sunday 3/27/16. However, Flippo will inspect the dewatering system on Sunday.
3. Field meeting is scheduled between County and the contractor on Monday afternoon 3/28/16 to discuss the next action.

Potomac Avenue Emergency Sanitary Sewer Repair : Field update from Friday 3/25/16:

1. The sanitary sewer bypass pumps and pipes are installed and functioning with one backup pump and auto dialer. WCD staffs and Xylem will monitor the pumps periodically for refueling and to address any alarm condition.
2. Flippo is moving in their own safety signs barrels to replace the County safety signs barrels. Also, Flippo is ordering 6 ft. chain link fence to protect the site and the public.
3. Flippo sub Griffin is planning to setup the dewatering system on Saturday 3/26/16 to pump ground water into the County sanitary sewer manhole in Belle View Blvd.
4. The current working hours will be 7:00 a.m. – 7:00 p.m. Monday – Saturday.
5. VDOT has been contacted regarding the necessary permit required for the repairs. VDOT has granted the County permission to move forward with the repairs while the permit documents are completed and submitted.

Potomac Avenue Emergency Sanitary Sewer Repair : Field update from Thursday 3/24/16:

1. The depression in the road at manhole 93-2-121 is continuing to sink.
2. According to Flippo Construction Company Inc., the dewatering contractor will be mobilizing on site tomorrow. The dewatering contractor is Griffin.
3. Flippo Construction Company Inc. is working on structural calculations for shoring design and hopes to have it ready by tomorrow, 3/25/16.
4. CCTV crew arrived on site at 1:45 PM to attempt to televise from manhole **93-2-122 to 93-2-121** and from manhole **93-2-123 to 93-2-121**.
5. Xylem has set up bypass operation on site, the bypass at manhole 93-2-124 has been in operation since last night, the outfall manhole for this bypass is 93-2-118. Bypass at both manholes 93-2-122 and 93-2-123 are setup and ready, will be in operation post CCTV.
6. WCD continue to be onsite to monitor the bypass system through tonight. The current shift will run through 10 PM and the overnight shift will run from 10 PM to 6 AM.
7. No visible sanitary sewer overflow and no backup calls as of this afternoon.

Potomac Avenue Emergency Sanitary Sewer Emergency Repair : Field update from Wednesday 3/23/16:

1. The depression in the road at manhole 93-2-121 is continuing to sink. As a result the manhole has sunken into the depression approximately 1.5 ft.

2. We met onsite with representatives from Xylem Inc. and Flippo Construction Company, Inc.
3. Xylem is onsite and in the process of deploying the bypass system. We anticipate the deployment will be completed tonight and bypass pumps started.
4. Potomac Avenue between Belle View and I street has been closed to traffic and the affected depressed has been coned off for safety purposes.
5. Tomorrow morning 3/24/16, Flippo Construction Company, Inc. will be deploying the dewatering system to prepare for excavation.
6. Wastewater Collection Division (WCD) staff will monitor the site overnight including watching and refueling the bypass pumps if needed.
7. WCD staff is currently using the Pump and Haul truck to pump down the upstream manhole until bypass system is setup tonight. They are also using the VAC truck to remove debris from downstream manhole.
8. WCD staff will reconvene onsite tomorrow to decide the next action.
9. No visible sanitary sewer overflow and no backup calls so far.

Potomac Avenue Emergency Sanitary Sewer Emergency Repair : Initial Heads-up notification from Wednesday 3/23/16:

This email is to provide you a heads-up that we have a sinking sanitary sewer manhole and possible collapse of a 12-inch sanitary sewer pipe in the middle of Potomac Avenue in Alexandria near 6507 Potomac Avenue. Wastewater Collection Division (WCD) have contacted Xylem Inc. for emergency bypass pumping deployment and Flippo Construction Company, Inc. for dig up and general construction. WCD Trouble Response Inspectors (TRIs) are already on-site, and we have scheduled an onsite meeting with the two emergency contractors this evening to evaluate the emergency and to develop an action plan. There are currently no visible sanitary sewer overflow at this time but our TRIs reported evidence of sanitary sewer surcharging of the upstream lines. We have contacted Fairfax Water as there are waterline which is 15 ft. from the sinkhole, and the DPWES Public Information Officer.

Attached are two current pictures of the sinking manhole and the location map. If you receive a call in your office about this incident, please route the calls to our 24x7 Trouble Response Center at 703-250-2003 for assistance.