

SEWER COMMISSION MINUTES

JULY 29, 2010 MEETING

A meeting of the Board of Sewer Commissioners was held on Thursday, July 29, 2010, in Conference Room A of the Parsons Complex, 70 West River Street. Chairman Robert J. Carroll called the meeting to order at 7:30 p.m.

COMMISSION MEMBERS PRESENT: Chairman Robert J. Carroll, Vice-Chairman Donald Anderson, Commissioner Lou D'Amato and Commissioner Michael Brown, Commissioner Lee Cooke

OTHERS PRESENT: Consultants Raymond Macaluso, of Westcott and Mapes, Inc.; Consultant Ken Bradstreet of AECOM, Inc.; and James Cooper, Acting Superintendent of Wastewater.

EXCUSED: None

CITIZEN'S COMMENTS

Chairman Carroll asked if there were any citizen's comments. There were none.

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None

NON-CONFORMING APPLICATIONS (PETITIONS)

None

TABLED APPLICATIONS

None

WESTCOTT AND MAPES INC.

A. Indian River Interceptor Replacement

Westcott and Mapes, Inc. reported six of the eight property owners have agreed to the compensation offered for the permanent sanitary sewer easement. Documents are being finalized for their acceptance. Mr. Macaluso presented a letter received by Mr. I. Hunter Shallis, of 264 Shadyside Lane requesting a barrier be installed across the easement to protect his privacy and discouraging anyone from reaching the back of his property. Mr. Macaluso presented a plan to the Commission and advised them where the fence would be constructed and that it would be a 6' chain

link fence of about 150 feet. Both the Mayor and the Public Works Director agreed to and recommended the installation of a fence along the southeast sanitary sewer easement to protect Mr. Shallis's property. Mr. Macaluso of Westcott and Mapes, Inc., requested approval from the Sewer Commission to add a fence and revise the plan as requested by Mr. Shallis of 264 Shadyside Lane to protect the back of his property along the sewer easement.

Commissioner Brown made a motion to approve the request for a fence and to revise the plan as requested. Commissioner Cooke seconded the motion. After some discussion, the motion passed unanimously.

B. East/West Interceptor Replacement

Westcott and Mapes, Inc. reported no change from the last report of July 1, 2010.

C. East Broadway Interceptor Replacement

Westcott and Mapes, Inc. reported the contract will be rebid in August and bids are to be received at 3:00 p.m., August 31, 2010. There was a breakage of the sewer main in East Broadway this week that was repaired by Complete Construction so this project is very important to get out to bid. Commissioner D'Amato asked Mr. Macaluso if the new bidders will be aware of the cribbing that is installed in East Broadway when they bid on the project. Mr. Macaluso responded yes the bidders will be aware of the cribbing. Westcott and Mapes, Inc. respectfully requested approval from the Sewer Commission to amend their existing contract for additional Engineering and Construction Representation services to rebid and complete the project for a not-to-exceed fee of \$230,000.00.

Commissioner Brown made a motion to approve the request to amend the Westcott and Mapes Inc. contract for an additional \$230,000.00 as requested. Vice Chairman Anderson seconded the motion. The motion passed unanimously.

D. West Avenue Parallel Force Main

Mr. Macaluso of Westcott and Mapes, Inc. presented and requested approval of a draft of the Tender Agreement from the City Attorney and Louis Gherlone Excavating, Inc.'s Surety Company to procure C.J. Fucci Inc. to complete the work in accordance with the contract documents. There were four contractors who bid on completing this project. When an agreement is reached for the dollar value of the outstanding work required to complete this project, the Surety Company will give the City a check for the agreed upon amount and the City will oversee the continuation and completion of this project. The project should be complete by spring of next year. There was much discussion regarding how the procedure will work and the costs involved.

Commissioner D'Amato made a motion to approve the draft of the Tender Agreement from the City Attorney and Louis Gherlone Excavating, Inc.'s Surety Company to procure C.J. Fucci Inc. to complete the work on this project. Vice Chairman Anderson seconded the motion. After some discussion the motion passed unanimously.

E. Buckingham Avenue Force Main Project

Westcott and Mapes, Inc. reported the Contractor Complete Construction Co. has installed 820 feet of dual ductile-iron force main. To date, approximately 48 percent of the total dual force main has been installed (1,562 LF of 20 inch, 1,606 LF of 24 inch). Additional work completed since the last meeting, includes 1,300 feet of finished pavement and 228 feet of concrete curbing within the Shadyside Lane right-of-way. So far they have used 114 of the 330 days allowed for this project. Things are moving very well on this project except for a few conflicts with the RWA.

Ray Macaluso of Westcott and Mapes, Inc. presented to the Commission a request from the Regional Water Authority to be compensated for having to relocate their water main on Sentinel Hill Road and Shadyside Lane to accommodate our sewer force mains. They said it would cost them approximately \$50,000. to move the water main and they wanted to be reimbursed for their expenses. RWA feels this is just a convenience for the City and not a conflict, the City disagrees. After a meeting with the RWA and the Mayor it was decided that the City would reimburse the RWA half the cost of relocating the water main. Mr. Macaluso requested that the Sewer Commission approve this expense to expedite this project moving along on schedule.

Vice Chairman Anderson made a motion to approve reimbursing the Regional Water Authority no more than \$25,000.00 for moving their water main to accommodate our sewer dual force mains. Commissioner D'Amato seconded the motion. After some discussion, the motion passed unanimously.

There are two existing manholes that are in poor condition and we feel that when we get into the excavation we will have a problem with them. We are looking at other alternatives, one is to move the gas line and the other is to move the water line. We are going back and forth with the two utilities and we hope that we can get closure and get the gas company to move their line at no cost to us. There was much discussion regarding the utility companies.

Westcott and Mapes, Inc. reported Complete Construction Co.'s Pay Application No. 4 in the amount of \$521,293.06 has been reviewed and certified and respectfully requested approval and processing by the Commission.

Westcott and Mapes, Inc. presented the request by Complete Construction Co. for the following change orders:

Change Order #3 for \$12,480.35 for 21 hours exploratory excavation, downtime and delay between June 23 to June 25, 2010 to determine the location of underground utilities due to discrepancies on available maps and as-builts. The reason for this change order is exploratory excavation to determine precise location of existing waterlines and existing sanitary force mains (and their appurtenances) found to be conflicting with the proposed dual force main in the vicinity of Sentinel Hill Road and Shadyside Lane intersection. The mapped locations of existing waterlines and existing force mains shown on the contract drawings (taken from City as-built drawings prepared by Metcalf and Eddy) did not agree with actual field conditions. The discrepancies affected the contractor's progress by causing delay and downtime. The contractor also had to secure an existing joint (via concrete cradle) on the existing force main to assure its integrity while new construction progressed.

Chairman Carroll asked for a motion. Commissioner Cooke made a motion to approve this change order for \$12,480.35. Vice-Chairman Anderson seconded the motion. The motion passed unanimously.

Change Order #4 for \$10,229.05 for 6 hours of excavation and placement of additional fittings to resolve the conflict between existing (deeper than usual) waterline crossing and the proposed dual force main on June 28, 2010. The reason for this change order is the location of an existing waterline depth, crossing Shadyside Lane at station 12+40, was not shown in profile on the contract drawings. The contractor experienced a conflict between the waterline and the proposed force main. The conflict caused delay and the need for additional fittings to be installed.

Commissioner Cooke made a motion to approve this change order for \$10,229.05. Commissioner Brown seconded the motion. The motion passed unanimously.

Change Order #5 for \$7,050.50 for 7.5 hours to lower an existing sanitary sewer lateral under the proposed force main near Station 18+05 on July 8th and July 9th, 2010 due to a conflict with the proposed dual force mains. The reason for this change order is the depth of an existing clay sanitary lateral crossing Shadyside Lane at Station 18+05 was actually found to be higher in elevation than it was indicated on contract (profile) drawings; this caused a conflict between the existing lateral and the proposed dual force main. The contractor was instructed by Westcott and Mapes to rebuild the lateral with PVC and set it to a minimal depth below the proposed force main. The contractor encased the lateral in a concrete cradle to assure its performance.

Vice Chairman Anderson made a motion to approve this Change Order for \$7,050.50 for Complete Construction's effort to resolve this conflict during construction. The motion was seconded by Commissioner Cooke. After some discussion regarding change orders, the motion passed unanimously.

F. Rogers Avenue Pump Station

Westcott and Mapes, Inc. reported that borings are being performed at this time.

AECOM TECHNICAL SERVICES INC.

Mr. Ken Bradstreet, Project Manager of AECOM presented the following report:

A. Housatonic and Beaverbrook Wastewater Treatment Plants

1. There are several items at both plants that Carlin needs to finish up and they are working on it.

B. West Avenue and Gulf Pond Pump Stations

1. AECOM has completed the design and submitted plans and specifications to the City Attorney and DEP for review and are waiting for approval.

C. East Broadway Pump Station Relocation

1. The preconstruction meeting was held on Tuesday, July 20, 2010, attended by members of the City Staff, representatives of R. Camputaro & Son Excavating Co., DEP Parks, several utilities, Milford Housing Authority, Westcott and Mapes and AECOM. Westcott and Mapes will handle the inspection of the sewer lines and AECOM will handle the construction of the Pump Station.
2. Construction on the project commenced on Monday, July 26, 2010.

D. Welchs Point and Rock Street Pump Stations

1. AECOM is continuing to work on this project.

USER FEE REVISIONS/ASSESSMENT REVISIONS

None

COMMITTEE REPORTS

None

CONSULTING ENGINEER'S REPORT

None

WASTEWATER REPORT

The following report was given by James Cooper, Acting Superintendent of Wastewater:

On June 23rd Wastewater was called for a sewer backup. They found the manhole at East Broadway was full and it was flowing poorly. They were called in again on Sunday for more backup of sewage. The jetting was getting gravel and sand and still could not get to the manhole; they then realized that it was a collapsed line. They did not find any concrete or sheathing at this section of pipe. Apparently the shoring is sporadic. They pumped from the manhole on Maddox to the manhole on Tremont trying to relieve the blocked line. Monday morning they called Complete Construction to make the repair of the sewer main. When they tapped the asphalt with the bucket on the loader the asphalt road collapsed. They replaced around 250 feet of broken pipe. They will check the pump station to make sure it is not full of sand. Also on Sunday the 25th around 1:30 in the morning the Housatonic plant was hit by lightning, damaging the electronic systems, major problems were the TLC's for the SCADA system, and the pump station alarm system, the odor control systems, and the phone system all have surge protection but they were still damaged and are being repaired.

PLANTS

Both Wastewater Plants performed well in the month of June, producing a good effluent.

At the Housatonic Plant normal monthly maintenance was performed. The plant has been running well we are still working on resolving some issues with the aeration control system. We had very good nitrogen removal in June.

At the Beaverbrook Plant normal monthly maintenance was performed. The new program for the aeration control system is working well with Mr. Kozlowski at the controls at the Beaverbrook Plant. The number one main sewage pump motor failed and we are looking into repairs

COLLECTION SYSTEMS – PUMP STATIONS

Scheduled maintenance was performed at the following pump stations: Crowley Ave, Naugatuck Ave and Captains Walk.

Other Duties performed by Pump Station Crews:

1. At the East Broadway Pump Station Wastewater sent the #2 variable frequency drive out to evaluate for repair.
2. At the Gulf Pond Pump Station Wastewater removed the #2 VFD and sent it out to be tested and evaluated for repair.
3. Wastewater cleaned out the wet well at the Carriage Drive Pump Station.
4. Wastewater temporarily shut down Rock St., Anderson Ave and New Haven Ave Pump Stations to facilitate repairs to a broken force main on Edgefield Ave.

5. At the New Haven Ave Pump Station Wastewater cleaned out a clog of the #1 pump.

There were seven (7) alarms at pump stations in June: 4 for power outages, and 3 for high water

SEWER MAINTENANCE

Sewer Maintenance answered ten (10) complaints

Sewer Maintenance crews performed scheduled maintenance on five (5) trouble sites citywide: #9, #17, #18, #19 and #21.

Scheduled Maintenance was performed on the following equipment: the electric snake

There were five (5) sewer excavations in June: 55 Underhill Road, 95 Boylston St. 25 Lafayette St., 26 High Street, and 31 Sampson St.

Other duties performed by Sewer Maintenance crews were:

1. Assisted with West Ave force main repair, near Grinnell St.
2. Assisted with force main repair on Edgefield Ave.
3. Rebuilt manhole inverts on Willow St. and Harrison Ave.
4. Pumped out wet wells at Concord Ave., Adams Ave, Captains Walk, and Watrous Lane pump Stations.

A total of 18,158 ft. were jet flushed, 3,425 ft were TV'ed with our standard TV equipment, and 896 ft were TV'ed with the spy eye camera. Wastewater also hand rodded 595 ft, used the hydraulic jet root cutter to relieve 1300 ft, root treated 700 ft., smoke tested 915 ft. and dye tested 250 ft. to check for sewer connection.

CHAIRMAN'S REPORT

There were five Administrative approvals this month.

1. **1201 Boston Post Road –Cajun Grill** - This is in the CT Post Mall food court. It used to be called Bourbon Street Grill. The allowed water usage for this property is 112,290.00 gallons per day. The prior water usage for this property per the RWA records is 57,762 gallons per day. The proposed water usage for this space should remain the same as their menu is not changing. Their water usage is already included in the 57,762 gallons per day.
2. **202 Cherry Street – Addition to Doctor's Office** - The addition is to house an elevator for this building. Their water usage should remain the same which is 197

gallons per day per the 2009 RWA water records. This property is allotted 1,125 gallons per day (.75 acres * 1,500 gpd).

3. **1201 Boston Post Road – Spirit Halloween Store** – This is in the CT Post Mall as Space #1224. This is going to be a seasonal store and have different stores in this space depending on the holiday season (i.e. Christmas store when it is Christmas time of year). The mall property is allowed 112,290. Gpd. This space is 5,452 SF * .09 gpd = 491 gallons per day.
4. **329 Old Gate Lane – Popeye's Restaurant and 7-Eleven Convenience Store** – This application can be administratively approved upon receipt of their calculations for the sizing of the exterior grease trap. Their plans include a 1000 gallon grease trap for the entire building. The 7-Eleven store is 2,000 SF * .09 gpd = 180 gallons per day. The Popeye's Restaurant is 2,490 SF with 44 seats = 44 seats * 21 gpd per seat = 924 gpd. Total proposed gallonage for this new building is 1,104 gallons per day where 1,110.00 gpd are allowed.
5. **734 Bridgeport Ave – Proposed new CVS Pharmacy** – This project is on the Dan Perkin's Chevrolet Property. This property is 1.96 acres * 1,500 gpd = 2,940 gpd allowed sewer usage. The proposed gallons per day are 13,156 SF building * .09 gallons per day = 1,184 gallons per day proposed which is below the allowed gallonage.

VOTING

A. PETITIONS

None

B. MEETING MINUTES

Vice Chairman Anderson made a motion to approve the minutes of the July 1, 2010 meeting. Commissioner Cooke seconded the motion. The motion passed unanimously.

C. PAYMENTS

Chairman Carroll asked for a motion to approve the following payment list for this month in the amount of \$589,377.11 as follows. Commissioner Cooke made a motion to approve this month's payment list. Vice Chairman Anderson seconded the motion. The motion passed unanimously.

To Westcott and Mapes, Buckingham Avenue Force Main, P.O. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$21,142.50;

To Westcott and Mapes, East/West Interceptor Replacement, P.O. 07-0047617-001, Account No. 0026-4154-0045-4993-0000 in the amount of \$8,557.50;

To Westcott and Mapes, West Avenue Parallel Force Main, P.O. 08-0050658-001, Account No. 0026-4154-0036-4993-0031 in the amount of \$4,730.00;

To Westcott and Mapes, Indian River Interceptor Replacement, P.O. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$3,245.00;

To Westcott and Mapes, Rogers Avenue Pump Station & High Street Sewer Upgrade, P.O. 10-0054821-001, Account No. 0026-4154-0046-4993-0000 in the amount of \$14,092.50;

To AECOM Technical Services, Rock Street and Welchs Point Pump Stations, P.O. 08-0050651-001, Account No. 0026-4154-0036-4993-0028 in the amount of \$6,480.70

To AECOM Technical Services, West Ave and Gulf Pond Pump Stations, P.O. 08-0050650-001, Account No. 0026-4154-0036-4993-0039 in the amount of \$6,848.01;

To AECOM Technical Services, Mayflower Pump Station, P.O. 08-0050649-001, Account No. 0026-4154-0036-4993-0032 in the amount of \$2,987.84;

To Complete Construction Co., Buckingham Avenue Force Main Project, P.O. 10-0054812-001, Account No. 0026-4154-0045-4994-0000 in the amount of \$521,293.06.

The total of the approved Payment List for July 1, 2010 is in the amount of \$589,377.11.

Chairman Carroll asked for a motion to adjourn the meeting at 8:23 p.m. Commissioner Brown made a motion to adjourn the meeting. Vice Chairman Anderson seconded the motion. The motion passed unanimously and the meeting adjourned at 8:23 p.m.

Respectfully submitted,



Robin Lynch
Recording Secretary