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## Memorandum

**TO:** Board of Aldermen

**FROM:** Alderman-at-Large David W. Deane

**DATE:** February 16, 2011

**SUBJ:** Liaison Report from Board of Public Works Meeting – February 14, 2011

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Colleagues,

Attached please find my liaison report from the February 14, 2011 Board of Public Works meeting. The aldermanic referrals were both endorsed, although R-11-90 had a memo from Director Hersh changing the funding source. The Board of Public Works supported the funding change, 4-1, Commissioner Pappas opposed.

The balance of the agenda was approved and the informational items were accepted and placed on file. There was also a snow presentation given by Superintendent Sorenson which I will recommend and suggest be sent along. I also suggested and recommended that further documentation be sent along pertaining to the soil wall built at the landfill that was placed in the wrong spot which in turn consumed valuable landfill air space. The documentation should contain settlement arrangements made by the city and the contractor. I will pass along the information when received.

Thank you.

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Attachments

**Board of Public Works Meeting of February 14, 2011  
Agenda**

A regular meeting of the Board of Public Works is scheduled for Monday, February 14, 2011 at 3:45 p.m. and will be held at the Division of Public Works Administration & Engineering Office, 9 Riverside Street, Nashua, NH 03060.

I. **Motion:** To approve the Agenda as presented.

II. **Motion:** To approve the Minutes of the Board of Public Works Meeting of January 10, 2011 and Special Meeting of January 31, 2011.

III. **Aldermanic Referrals**

1.) **R-11-89- AUTHORIZING THE ACCEPTANCE OF A DRAINAGE EASEMENT AT 25 POND STREET**

2.) **R-11-90- AUTHORIZING THE ACQUISITION OF PROPERTY AT 49 PINE STREET, TAX MAP 85, LOT 60, FOR A PURCHASE PRICE NOT TO EXCEED \$154,500**

IV. **Public Comment**

V. **Wastewater Treatment Facility**

A. **Motion:** To approve the User Fee Warrants as presented.

B. **Motion:** To approve the selection of Mr. Paul Collins III, for the position of Operator III at the Wastewater Treatment Facility. Starting rate of pay is \$25.22/hr or \$45,486.33/year. Funding for this position is located in the FY2010 Wastewater Budget # 802-11514-8500-8900.

C. **Informational:** Nancy Lesieur's summary of attendance at Nutrient Seminar

VI. **Parks & Recreation Department**

A. **Motion:** To approve the purchase of the July 4, 2011 fireworks display from Pyrotecnico of Jaffrey NH formerly Telstar Display Fireworks in the amount of \$17,000 funding is available in the FY 11 budget #552-59040-6912 .

VII. **Engineering Department**

A. **Motion:** To approve the Residential Wastewater Service Permits and Fees as submitted.

B. **Informational:** Update on Stormwater and Drainage Program.

C. **Informational:** Paving Lists for FY11 and FY12 Programs.

VIII. **Street Department**

A. **Informational: Presentation:** Update on FY11 Winter Operations

IX. **Solid Waste Department**

A. **Discussion:** Regarding Soil Wall built by R.D. Edmunds and Sons, Inc.

X. **Administration**

A. **Informational:** Overall Status of the Broad Street Parkway

B. **Informational:** FY2011 Divisional Accident & Injury Report

**XI. Director's Report**

**XII. Commissioner Comments**

**Board of Public Works Meeting of February 14, 2011**  
**Director's Report**

**Engineering Department**

- **(PHOTOS) Net Metering Project.** Contractor has installed the underground utilities, new poles, a transformer, and the net metering equipment in the Energy Recovery Building. Delays were encountered during startup of the net metering equipment mainly related to the new net metering equipment having compatibility issue with the 11 year old Waukesha generator. The week before the substantial completion date (January 31, 2011) the subcontractor (Enercon) and the Plant consultant for the Waukesha (Hyland Power) determined that a new “governor” and voltage regulator were needed. Since it takes time to make such repairs to the generator, the substantial completion date (January 31, 2011) was missed. Enercon and Hyland Power again tried to control the generator with the net metering equipment on February 7th, but this time an engine valve failed on the generator causing it to shut down. The Plant is now arranging to have Hyland Power repair all the valves since that is a maintenance item and is due for changing. We expect the valves to be replaced and the Waukesha operational again by the end of February. Once the generator is operational, the net metering equipment will again be tested to have it run the Waukesha generator.
- **Sewer Video Program.** All sewer pipe built prior to the year 1900 have been identified by street and broken down to 3 geographic areas, mostly in the inner City. Requests have been submitted to the Wastewater Department to have these streets videoed. The Engineering Department will catalog and log all the completed video work as it comes in, and will review the videos to identify problem sewer pipe locations.
- **(PHOTOS) CSO 005/006 Drop Over Structures.** Both structures are now substantially complete. Park Construction has completed all the interior work on the East Hollis Street structure and has scheduled the epoxy coating of the interior of the Crown Street structure for sometime in February. Road work restoration at both sites will resume in the spring.
- **Sludge Dewatering Project.** Wright-Pierce has completed the 100% plan set. This project is temporarily on hold as the City prepares to complete an SRF loan application to fund it.
- **North Generator Exhaust Pipe Project.** The low bid contractor for this project is Waterline Services with a bid of \$47,777. Our consultant for this project, Wright Pierce, has designed a new stack that extends 10-feet above the roof line of the building that will eliminate or minimize the odor issues inside the building the majority of the time. The City is proceeding to have the contract finalized.
- **Sluice Gate at CSO 006.** Training of the Nashua Wastewater Treatment Facility staff on the operation on the sluice gate continued in January. A test simulating power failure was completed. The generator was delivered to the Wastewater Facility. Punch list items remain.
- **Aeration Blowers and Aeration Tanks – Secondary Clarifiers Upgrades Project.** Woodard & Curran (W&C) has completed the preliminary design and has submitted it to the City shortly for review. The City has selected one manufacturer of aeration blowers, Turblex, for this project based on lowest life-cycle costs. The final aeration blower study has been sent to NHDES and they have concurred with our request to sole source the aeration blowers.
- **Harbor Avenue Area Sewer Separation.** Agreement has been reached with property owner for easement of new outfall on Harbor Avenue. Legislation to accept easement has been submitted. Necessary permits have all been submitted. Working with Pennichuck to bid work concurrently. Advertisement probable within next month.
- **Miscellaneous Sewerage Improvements 2009, Phase 2.** Merrill Construction in winter shutdown. The final top coat paving will take place next year on all the streets and the sewer and other utility work on Beech Street will take place next spring.
- **Haines Street Sewer Separation.** Paperwork related to project closure is being completed. Some additional items requested to satisfy the ARRA requirements and are being gathered.
- **Harris Brook at Northeastern Blvd Drainage Improvements.** Consideration is being given to replacing the proposed detention pond with a pipe.
- **Rotary Common Phase II.** Discussions ongoing with Louis Berger to determine schedule to complete the Phase II plans and specifications for bidding.

- **Manchester Street Area - CSO Flooding Study.** A Request for Qualifications was advertised on January 27 with statements due on February 24 to address street flooding and sewer surcharges in the areas of Manchester Street near Charlotte Ave., Hall Ave. and Courtland Street.
- **CSO Post Construction Monitoring Plan.** The City submitted the Post Construction Monitoring Report to the EPA and NHDES on December 23, 2010. Awaiting feedback from EPA/DES.
- **Storage Facilities for CSO # 003 and # 004.** Continued to review various alternative sites/projects that may improve water quality within CSO 004 area including further sewer separation in the CSO 004 drainage area, other storage opportunities or combinations of alternatives.
- **Wet Weather Flow Treatment Facility.** AECOM began to finalize Operations and Maintenance Manual and Record Drawings.
- **Sidewalk Program - Lund Road and South Main Street.** Winter shut down. Remaining punchlist work to be completed in spring.
- **Sidewalk and Pedestrian Safety Improvements.** Installed striping and delineators at East Hollis and C Street intersection. Adjustment by traveling public to street narrowing has been difficult and therefore, it has been determined that bump outs should be modified. This work will occur as soon as conditions allow it.
- **Sidewalk Program - South Main Street Phs 2 and Conant Road Phs 2.** Continuing design efforts for sidewalk contract to begin in spring 2011.
- **Sidewalk Program – Main Street Bridge.** Developing median options, researching use of granite for Main Street Bridge.
- **Safe Routes to School.** Awaiting comments on procurement contract for purchase of a speed radar sign for Bicentennial. Resubmitting categorical exclusion application for Bicentennial to Safe Routes for review and approval. Awaiting authorization to bid for Ledge Street. Working on revised plan for Birch Hill School.
- **FY10 Paving Program.** Work has been completed with the exception of minor punch list items.
- **FY11 Paving Program.** Engineering is working on plans, specifications and estimates for the FY11 contract package. The list of streets for this contract was submitted to the Board in February of last year. The list is included again in this package as an informational. The informational also includes a Preliminary List for FY12. This year, the Paving Program contract will include work proposed by the School Department. The work is planned at three schools. At Ledge St, Charlotte Ave and Fairgrounds Elementary schools, the plan is for pavement of the currently graveled roads behind the schools. These new roads are intended for both buses and fire trucks. Also at Fairgrounds Elementary, the plan calls for additional parking for 30 vehicles and other site alterations to improve the flow of vehicular and pedestrian traffic.
- **Route 101A Widening.** Engineering and the project consultant McFarland-Johnson are in negotiations for the final design of Phase I of the project (Widening from Sunapee St to Blackstone Dr; Signal Upgrading and ROW Acquisition from Somerset Parkway to Celina Ave).
- **Stormwater Utility Feasibility Study.** Draft Feasibility Report is expected to be submitted in February. Revision and corrections have been made to GIS impervious layer that was generated from the spring 2010 flyover. Discussion continues concerning participation in the Stormwater Utility Development Workshop which will include input from members of the public. A project status report was sent to NHDES, who is providing the funding through a grant.
- **Hunt Memorial Library Drainage.** Meeting held with City Building Project Manager, John Pietroniro and Cram & Ferguson on January 5 to coordinate work on the building improvements project and the water infiltration project. Work continues towards completion of the bid plans and specifications. The New Hampshire Division of Historic Resources sent a letter about concern with the proposed design of the concrete trench. A response is being generated.
- **Mine Falls Boat Launch.** At the January 4 Conservation Commission meeting, the project was presented as an informational item. The plans are being revised and final construction bid plans and specifications are being completed. Hayner/Swanson, Inc. has been hired to complete a lot line to include boat ramp within the limits of Mine Falls Park.
- **Infiltration/Inflow Removal.** Two private sources of inflow remain that were identified for removal in the I/I Study. Property owners of 5 Progress Ave and 35 Progress Ave have hired firms to aid in designing their reconfigurations.

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- **Construction Inspection.** Projects inspected by Engineering include:
  - Dick's Sporting Goods – new private sewer main at Pheasant Lane Mall
  - 7 Coliseum Avenue
  - 22 Canal Street
- **Street Acceptances.** Sugarberry Drive recently was accepted at the last Infrastructure Committee meeting. The Engineering Department is still working with the Developer and their Engineer to resolve the issue with the drainage easement behind house at 6 Hydrangea Road. Once resolved, that street will be ready for final acceptance. The Engineering Department also has recently had several other streets that the owners have requested to go forward for street acceptance. We are evaluating those streets and preparing letters to property owners to determine if there are any outstanding issues.
- **Tolles/Courtland Intersection Improvements.** A neighborhood meeting conducted by the Mayor and assisted by members of Traffic and Engineering was held on January 15<sup>th</sup>. This meeting was a follow-up to the October 30 meeting. In this latest meeting, two pilot options were presented to control cut-through traffic volume and speed. The volume control consists of signage prohibiting non-local traffic from using the Tolles St-Courtland St connection at rush hour. The speed control option consists of temporary speed tables at each approach of the Tolles-Courtland intersection. Both concepts were well received by the audience.
- **Majestic Heights.** Work will resume in the spring.
- **(PHOTOS) Manchester Street Bridge Replacement Project.** The project has developed three alternatives known as the Lower, Middle and Higher Profile (elevation) options. The Lower Profile poses the least impacts to both financial and wetland resources while providing the maximum in historic preservation. The Higher Profile option reverses the priorities, while the middle option provides a balance. These options were presented to the public at a meeting on January 27<sup>th</sup> and then to the New Hampshire Division of Historical Resources (DHR) on February 3<sup>rd</sup>. While strongly favoring the maximum in historic preservation, DHR accepts the Middle Profile option combined with some minor historic mitigation efforts to be further discussed and planned.
- **CNG Station.** The AVSG lease agreement has been approved by the Finance Committee and the Engineering Department will move forward with the design of Alternative 1. Alternative 1 has the CNG station located behind the Transit Garage.
- **Site Development Review.**
  - **Triangle Federal Credit Union** – 33 Franklin Street
  - **Cotton Mills Square** – Front Street
  - **Labine Public Space** – Ledge St. / Pine St.
  - **Hayden Green** – Concord Street
  - **344 Main Street**
- **Private Development Bond Reductions.** There are multiple bond reduction requests that are being processed.
- **Landfill Groundwater Reports.** The Engineering Department has recently reviewed and certified groundwater reports prepared for Shady Lane and Four Hills Landfill.

### **Parks & Recreation Department**

- **(PHOTO) Bidly Basketball.** The 2010 / 2011 season is in full swing. Games are underway we are almost at the ¾ way point in the season.
- **Holman Stadium Schedule for 2011.** The 2011 Nashua Knights lease was signed on January 31<sup>st</sup>. A check for \$22,000 was also received as payment in full for the 2011 season. A focus group meeting was held in late January and was attended by over 40 people. The team name contest came up with the Nashua Knights. The 2011 schedule will be available on line. A carnival is scheduled to take place in the parking lot in early April and discussions are continuing with concert promoters to see what the possibility of doing a concert at the stadium next summer.

- **(PHOTO) Park planning For the Labine Building.** Final design and a final public meeting of the park design occurred on February 1<sup>st</sup>. Construction is expected in the spring with completion scheduled for August.
- **(PHOTO) Snow Shoeing Program.** The snow shoeing program is in full swing. The program meets every Wednesday & Friday at 10am at the Whipple Street Entrance to Mine Falls Park. We average 12 people / session with over 25 different individuals participating on different days. We snowshoe for about an hour each session and will take one of 3 different trails on a rotating basis.
- Planning for the 2011 camp season is beginning. Ideas for new camps and new venues are being investigated and formalized.
- **Winter Projects.** This winter work is being done on constructing dug out roofs for some of the baseball fields in the city, as well as a loft and shelving for the new storage building on Artillery Lane
- **(PHOTO) Rinks / Sledding.** Currently we been able to make ice at 4 rinks Roby, 4 Corners, Labine, and Rancourt the rink at Roby Park is in full operation and is seeing heavy use this winter. Sledding at Roby Park is also very popular.
- **(PHOTO) Stellos Stadium Turf Replacement.** A Consulting / Engineering firm has been approved by the School Board. It is the hope of the School Department to have the vendor prepare the plans and bid documents this spring and to start the replacement work in mid June with the goal of completion no latter than mid August.
- **Snow.** Snow plowing and removal has been the major activity for the department the past month. The crews have performed admirably in keeping ahead of the elements.

### Solid Waste Department

- **Collections.** The recent snowstorms have created challenges for residential collection. Several toters have been buried and/or damaged.
- **CNG Trucks and Station.** The City has finalized a proposed contract with AVSG to build a CNG station behind the Transit building on Riverside Street. The contract was approved by the Finance Committee on Wednesday, 2-2. The station will go before the full Board of Alderman on 2-8. If the station is approved by the Board of Alderman, the Solid Waste Department will proceed with the purchase of the CNG trucks.
- **Household Hazardous Waste.** The dates for the 2011 Household Hazardous Waste collection events to be held in Nashua at the Street Department were established at the District meeting: Saturdays April 23, May 7 (in Milford), August 6, October 1, November 5, and one on Thursday June 2. The US Drug Enforcement Agency announced that they will sponsor another "Take Back" drug collection, to be held on Saturday April 30, 2011.
- **Nashua Recycling Center.** Shipments from the Nashua Recycling Center during January included 370 tons of single stream recycled materials, 24 tons of electronic waste, 130 tons of scrap metal, 128 tons of unclean C & D, 947 fluorescent lamps, and refrigerants from 294 appliances. In addition, more than 4 tons of textiles, books and tires, 265 gallons of waste oil were shipped from the Nashua Recycling Center during the month. 29 recycling bins were given to 18 residents. 18 trash carts were given to residents as a replacement or exchange.
- **Landfill Permits.** The Solid Waste Department has sold approximately 3,881 residential and 182 commercial 2011 landfill permits to date.
- **Routing.** The City is finalizing the routes created by RouteSmart. The Routes will be finalized in February and will be implemented in the spring.
- **Gas Collection.** The Solid Waste Department has hired Sanborn Head to design and permit the next expansion of the gas collection system in the lined landfill. We anticipate installing the initial layer of horizontal collectors in the Phase II landfill and some additional wells in the Phase I landfill to further control fugitive emissions and odor. We would like to be prepared to begin construction in the spring.
- **Shady Lane.** On January 31, 2011, DES issued a renewal of the Groundwater Management Permit for the Shady Lane Landfill. The renewal term is for five years and incorporates slightly reduced requirements for sampling, analysis and reporting. DES is also allowing the City to decommission a pair of damaged monitoring wells on the landfill.

- **Greenhouse Gas Reporting.** The Solid Waste Department registered the Four Hills Landfill with the EPA as required in preparation for upcoming mandatory greenhouse gas reporting. Reports are due to EPA by March 31, 2011. Municipal solid waste landfills are targeted by this new program because of the generation of methane gas from waste decomposition.

### Traffic Department

- **Ordinance for Traffic Signal and Stop Signs.** This ordinance (0-10-47) updating the City's list of traffic signal and stop sign locations was approved by the Infrastructure Committee at their January 26<sup>th</sup> meeting.
- **Ordinance for No Parking on Depot Road.** This ordinance (0-10-46) was approved at the Infrastructure Committee at their January 26<sup>th</sup> meeting.
- **Mailbox Repairs/Replacements.** The Traffic Department has repaired or replaced 121 mailboxes damaged or knocked down during snow events through the end of January. There are also 39 temporary mailboxes that will require a permanent replacement in the Spring.
- **CMAQ – City Wide Traffic Signal Project.** The Traffic Department received technical proposals from five (5) traffic engineering consulting firms on Tuesday, February 1st. Interviews have been scheduled for Monday, February 7<sup>th</sup> and Tuesday, February 8<sup>th</sup>. The interview committee consists of representation from the Traffic Department, the Engineering Department and the Information Technology Department.
- **Mount Pleasant School.** The Traffic Superintendent attended a neighborhood meeting on Saturday, January 15<sup>th</sup> at 11 am at the Mount Pleasant School to discuss issues and concerns raised by residents and school representatives about issues concerning parking and traffic circulation in the vicinity of the Mount Pleasant School.
- **Courtland and Tolles Street.** The Traffic Superintendent attended a neighborhood meeting on Saturday, January 15<sup>th</sup> at 9 am at the Mount Pleasant School to discuss issues and concerns about motorists using Courtland Street and Tolles Street as a cut through to bypass the Library Hill intersection area.
- **Traffic Signal Calls.** The Traffic technicians responded to 36 calls reporting concerns or problems with signalized intersections throughout the City during the month of January.

### Wastewater Department

- **Operations Section:** Continuing Piston Pump Rebuild Project: Replacing and rebuilding all moving parts including packing and plungers; digester sludge feed pumps. Performing temporary repairs to sludge conveyor drip pans and seeking bids for conveyor belt seam repair. Continuing snow removal activities, this includes access to process tanks and outlying buildings.
- **Maintenance Section:** Continuing replacements of raw sewage pump components-volute and wear ring. Replaced and reprogrammed Panelview for de-clor building. Monitoring performance of reverse switches to Watson St. P.S. pumps to minimize clogging occurrences. Awaiting training sessions on net-metering initiative.
- **Laboratory Section:** Continued updates to charts. Continuing population of HACH database data fields with analysis results. Prepared sampling apparatus in anticipation of wet weather activations, this includes labels, bottles, and telescoping tools.
- **Collection Systems Section:** Video inspections to document pipe conditions in anticipation of replacement projects are on-going. Continuing inspections to determine if sink hole/sanitary or storm water relationship. Responded to 28 flooding complaints during the recent rain event.
- **Misc.** Staff attended in-house spill kit training. Aeration blower project: reviewing final design specifications. Attended a one day focus group on combined heat and power for anaerobic digestion facilities.





**City of Nashua**  
City Hall, 229 Main Street, PO Box 2019  
Nashua, New Hampshire 03061-2019

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## MEMORANDUM

TO: Nashua Board of Aldermen

FROM: Katherine E. Hersh, Community Development Director  
Leon Kenison, Public Works Director

SUBJ: R-11-90 Acquisition of 49 Pine Street

DATE: February 14, 2011

CC: Donnalee Lozeau, Mayor

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We respectfully request the following motion be made to amend R-11-90:

Change the account number in the body of the resolution, in the fiscal note, and in the analysis to Account 374-7304 Neighborhood Stabilization Program.

The fiscal note should read:

The fiscal impact of this legislation includes the cost of acquiring the property (\$154,500). Anticipated future costs would include demolishing and preparing the site for the Labine Park. Those costs are not known at this time.