

Carmella Mantello
Mayor



Russ Reeves CEng., P.E.
City Engineer
Commissioner of Public Utilities

Seamus Donnelly
Deputy Mayor

Office of the City Comptroller
City Hall
433 River Street
Troy, New York 12180

Phone: (518) 279-7103
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To: Carmella Mantello, Mayor

From: Russ Reeves CEng, P.E. City Engineer-Commissioner of Public Utilities

Subject: **Emergency Declaration for the Replacement of the 30" Inch Diameter- Severely Deteriorated section of Water Main Pipe, leaking pumps and deteriorated and leaking service valves at the Eddy Lane Pump Station.**

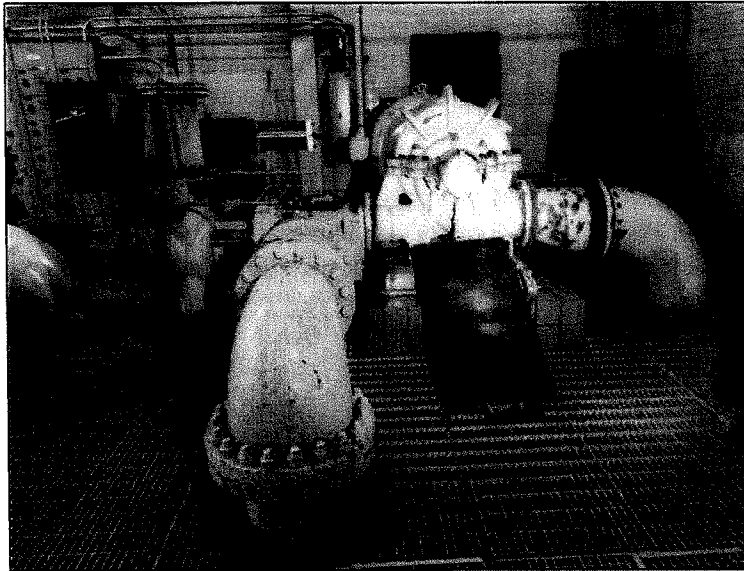
Date: January 4, 2024

Dear Mayor,

On January 3rd, 2024 Supervisory members of the City of Troy Department of Public Utilities and I arrived at the Eddy Lane Pump Station for the purposes of evaluating a significant public safety threat associated with the leaking of two valves, the leaking of 500 Hp and 700 Hp Pumps and the extensive corrosion that had advanced in a 30" diameter section of cast iron intake piping. These conditions had reportedly degraded and rapidly advanced over the last two years (approximately 2021). Photograph 1 shows an overall view of the elevated pump room floor of the Eddy Lane pump Station.



Photograph 1
(Elevated pump room floor-Eddy's Lane Pump Station)



Photograph 4
(Leaking within the housing of the 700 Hp. Pump)
Easterly Elevation View



Photograph 5
(Longitudinal View of the 30" diameter intake line
At the Westerly foundation wall.)

Of specific concern is an on-going gross deterioration and section loss in the 30" diameter intake line that is more specifically shown in Photographs 5 and 6. This intake line is located at below grade level in the pump station just below the reinforced concrete and grated elevated floor decking. In this vault section of the foundation wall of the pump house is a highly corrosive environment due to the presence of water (high moisture content in the ambient air) and also due to the presence of sodium hypochlorite which is used for post disinfection and is substantially

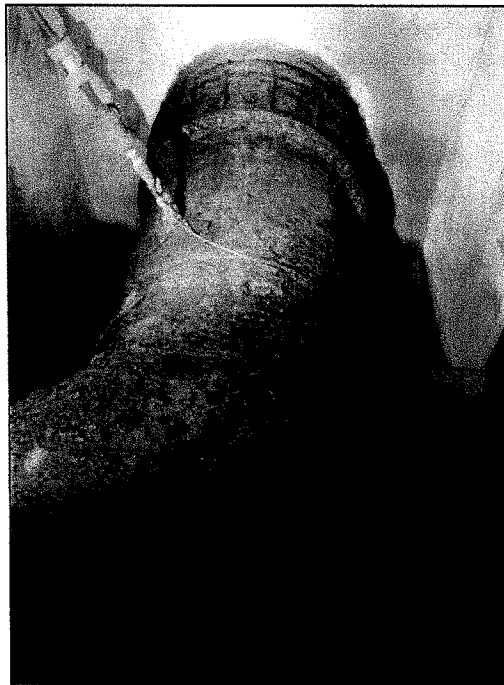
5). A braced skeletal steel frame with protective top plates, the replacement of the corroded section of piping, pipe restraints, concrete thrust blocking repair, weld design and the engineering for the material properties and material compatibilities will be prepared by R. Reeves P.E. in conjunction with CDM Smith.

6). The fabrication of the structural steel frame, bracing, baseplates, bolted connections and cap plates will be fabricated by a contractor who is readily available to work with DPU City staff members who will safely and properly install the braced skeletal steel frame in conjunction with the sub- contractor who will be assisting City forces on this work effort.

7). Once the skeletal steel frame is in place, the contractor retained for Task 5 will saw cut and carefully remove the reinforced concrete slab section that is over the vault area depicted in Photographs 5 and 6.

8). Once the vault area has been opened up and the various conduit and piping that is depicted in Photograph 6 has been removed and relocated, the deteriorated and corroded section of piping that is shown in Photographs 5, 7 and 8 shall be saw cut and removed. City of Troy DPU forces shall insert the new 30" diameter section of new epoxy coated (corrosion resistant) steel piping and then Troy Boiler Works shall weld a pressure rated seam about the entire perimeter of the new pipe to the existing steel pipe connection.

9). All thrust blocking, the new chlorinator valve and pipe tap and saddle pipe restraint shall be installed followed by the project close-out.



**Photograph 7 (Heavy corrosive damage
Due to the presence of sodium hypochlorite
And a high ambient moisture content)**

Carmella R. Mantello
Mayor, City of Troy



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EMERGENCY DECLARATION

Re: Emergency Demolition of 1124 Fifth Avenue, Troy, New York

January 11, 2024

On January 11, 2024, City Engineer Russ Reeves and Code Enforcement Officer Marc Lawlor made a site visit to 1124 Fifth Avenue to assess the structural integrity and condition of the building at the premises and make further recommendations regarding any safety concerns that were observed. The subject structure was completely unsafe to enter. The building has been in a state of disrepair and has been deteriorating for several years. Recently, its structural integrity has been a matter of increasing concern to City Code Inspectors, who – despite repeated attempts – have been unable to make contact with the current owner.

On this date, the structure was observed to exhibit substantial vertical and horizontal deflection and deformation to the point where a collapse of the structure into the City right of way is considered imminent. A large fracture crack has developed at the southeast corner of the building so that the rear wall is disengaging from the interior structural framing. In addition, there is a large structural collapse of part of the southernly exterior bearing wall, resulting in the second level floor joists being unsupported. The rear wall also exhibits both deformation and torsional failure about the upper half of the rear portion of the structure.

Based on the observed conditions, the structural integrity of the building has been severely compromised and the building presents an immediate threat to public safety. Because of the danger of imminent collapse, it poses a substantial hazard to emergency service responders, adjacent property owners, contractors, passersby, and all other persons in the area around the building.

Accordingly, the City of Troy must take action immediately to protect the public health and safety at and around 1124 Fifth Avenue.

Kitty Carley

From: Carmella.Mantello
Sent: Saturday, March 23, 2024 5:30 PM
To: All City Council Members; All Department Heads
Cc: Kitty Carley; Maria.DeBonis
Subject: Emergency Declaration

> March 23, 2024

>

> Emergency Action to an ice storm and severe winter weather event with dropping temperatures.

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> On March 23, 2024, at approximately 12:30 p.m., I, along with several other City officials responded to widespread reports of downed trees, wires down, power outages, and hazardous road conditions throughout the City neighborhoods.

>

> As Mayor, I must take immediate steps to protect the public as well as

> the City's critical infrastructure. This emergency declaration will afford immediate measures to address tree damage, to salt the City's roads and to take all other necessary steps to maintain public safety for the residents of the City of Troy.

Therefore, to ensure the safety of our City of Troy residents, I am taking the following action to protect the public health and safety:

>

> Pursuant to section C-40 of the City Charter, I hereby declare a public emergency to mobilize all available City resources required to protect lives and property and otherwise to address this weather emergency and its consequences. This shall include but not be limited to procurement of materials, commodities, and services as may be necessary.

>

> The City administration reserves the right to take additional appropriate actions necessary to address the public safety issues that may arise from these circumstances.

Carmella R. Mantello
Mayor
City of Troy

Sent from my iPhone

COPY

Carmella R. Mantello
Mayor



Seamus P. Donnelly
Deputy Mayor

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September 26, 2024

EMERGENCY DECLARATION

Re: 200 Hill Street, Troy, New York

After becoming alerted to the degraded condition of the building at 200 Hill Street, the City Engineer, the Commissioner of General Services, and officers of the Bureau of Code Enforcement conducted an inspection there on September 17, 2024. The building is an unoccupied, two story, wood frame structure, with a Fire Department warning "X" placard on the exterior front wall. After inspecting the premises, the City Engineer condemned the building and ordered it to be demolished.

Since the inspection on September 17, 2024, City of Troy Code officers have made numerous attempts to contact the owners of record at their address of record to afford them opportunity to be heard and to remediate, all to no avail. The situation is not one where we can countenance protracted delay. The City Engineer's report dated September 23, 2024 (copy attached) concludes:

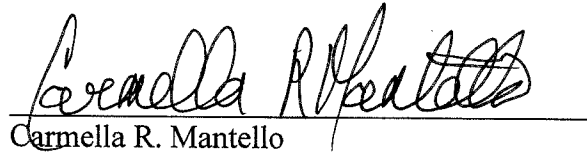
There are multiple system failures that we have encountered in the structure. These include a failure in the exterior bearing walls along the Northerly B-Sector side of the building and Southerly D-Sector side of the structure. The structure no longer has shear wall resistance from the standpoint of heavy wind loading. In addition, the structure can no longer support live and dead loads associated with typical loading conditions that the structure will encounter. This includes both live loads from personnel, wind loads and snow loads.

The present condition of the building is considered a high hazard to public safety and it has become necessary that the building be removed as soon as practicable.

The photographs included with the report clearly document the instability of the structure and the imminent danger of sudden catastrophic collapse. In order to protect public health and safety at and around 200 Hill Street, the City of Troy must take action immediately to demolish the failing structure before it damages persons and the neighboring properties. Pursuant to § C-

Y900

40 of the City Charter, I hereby declare a public emergency to mobilize all available City resources as shall be required to protect lives and property and otherwise to address the public safety concerns at 4200 Hill Street. The premises are unstable and in danger of imminent collapse, and as such constitute a significant the hazard to the public. The City also reserves the right to take other appropriate actions as necessary to address public safety issues arising at 200 Hill Street.

A handwritten signature in dark ink, appearing to read "Carmella R. Mantello", is written over a horizontal line.

Carmella R. Mantello

Mayor

cc: S. Donnelly, Deputy Mayor
G. Mahoney, Treasurer
D. Salazar, Corporation Counsel
S. Steele, City Council President
T. Casey, Majority Leader

