

DPW Monthly Report January 2020

Converse Street Pavement Preservation Project:

The Engineering Department has resubmitted the 75% design plan to MassDOT for review and approval in April. The redesign was completed to meet the new Health and Safety Directive and the Bike/Pedestrian requirements.

The scope of work includes:

- Road widening to meet bike/pedestrian safety requirement
- Milling and paving 2.0 miles of road from Laurel Street to Dwight Road
- New sidewalk construction
- Improving wheelchair ramps to meet ADA requirements
- Replacing CB and MH frames and covers
- New line striping

MPO and MassDOT have advanced the project to FY2016. In November, the Town Manager, DPW staff and Select Board Chair met with MassDOT officials to discuss the project and schedule. The Town officials were told how MassDOT will be completing their survey of Converse Street in December. The MassDOT officials explained that a number of easement will (likely) be needed for sidewalk work as the project progress. In December the DPW developed a preliminary list of residents who will be affected by the easements. DPW has received the States survey and is verifying the list of residents needing easements. DPW secured VHB Engineering to assist with this project. VHB has put together a project schedule (required by MassDOT) and is working on the Right of Way plan. DPW has put together a bid to solicit vendors to do appraisal and review appraisal work for the properties that will be affected by the construction of the new sidewalks. The bid opened in March and was awarded to Joseph Flanagan to conduct appraisal work, and Mario Leslie to conduct the review appraisal work. The appraisal estimates are due by the end of April. Concurrently DPW continued to work with VHB to submit plans for the Design Public Hearing (DPH). MassDOT has approved those plans. The DPH was held at the Community House on April 27 at 7pm. Three residents attended the meeting. Temporary easement valuations were also received in April. DPW drafted a special warrant article for Annual Town Meeting on May 10th asking the Town to grant the temporary easements with a value of approximately \$22,000. The Town approved the warrant article. DPW, in conjunction with the Town Manager and Town Counsel, drafted and mailed the affected Converse Street residents notice of the project, a Just Compensation report for the easements, and a copy of the appraisal report. DPW expects to receive signed permission from the affected property owners in June. DPW has continued to work with VHB to formalize our 100% plans for MassDOT. Those plans were submitted to MassDOT on June 21st. MassDOT notified us that the easement documents mentioned above needed to be notarized. Since that didn't happen, the only logical thing to do is to hold a Special Town Meeting in July to get town permission to take the easements. The Select Board approved the Special Town Meeting and it was scheduled for July 26, 2016. At the Special Town Meeting, the 100+ residents that showed up, voted overwhelmingly to approve the Order of Taking for the easements needed for the project. The project went out to bid on the week of August 21st. Bids were opened on November 9th. Baltazar Contractors Inc., of Ludlow, Ma. was the low bidder at \$3,767,622. The project is scheduled to start in the spring of 2017. A preconstruction meeting with MassDOT and Baltazar Contractors was held at the District II office in Northampton on February 17th. All stakeholders were present. At that time, Baltazar communicated that they wanted to start the project on April 3rd. In March the DPW confirmed the project will start on April 3rd. The project started on time. Baltazar began the project by replacing the storm drainage structures, road widening (in a few locations) and sidewalk installations. DPW meets with MassDOT and Baltazar every week to discuss: the progression of the project, the schedule, and any issues that come up. Through May, the project is ahead of schedule and no major cost overruns have been noted. In June, the project remains ahead of schedule and on budget. With the approval of the new DPW facility at Grande Meadow's tennis facility, we've been working with Baltazar to install a water line from Converse Street into the site before paving begins. (The existing building receives its water from Springfield via Dwight Road. In July the new water main was installed and the base course of asphalt was laid.

*In August, Baltazar completed the berm installation, backfill the treebelts with loam and planted seeds. DPW began the oversight of residential irrigation repairs that were broken during construction.

*In September, Baltazar began the installation of the Rapid Flashing Beacons and the new traffic signal at the Dickinson Road intersection. In October we are expecting the signal and the rapid Flashing Beacons to be completed as well as the final course of pavement.

*In October, the new signal at Dickinson Road was completed and activated for a 30 day trial. In addition to the new signal, the final course of pavement was installed. In November, Baltazar is expected to complete: line striping, install signage, and pave the side streets as well as the driveways. A final project “walk through” is expected at the end of November or early December.

*In November, Baltazar completed the side street and driveway paving as well as the majority of the line striping. On November 30th, VHB inspected the traffic signal at Converse and Dickinson. Two of the traffic detectors were found to be out of alignment. The cameras we adjusted and the intersection worked as designed. Sign installation is expected on December 18th and the final walk through is scheduled for December 21st.

*In signs we not installed in December. Therefore, the final walk through has been postponed until that is completed. In talking with MassDOT, it is likely that the sign installation may be delayed until spring.

*No update in January

*In February, the final walk through was (again) postponed due to a snow storm.

*On March 28th the final walk through took place with MassDOT, VHB and the DPW. A handful of smaller items (signage, lawn restorations, etc) were discovered and put on a “punch list” for Baltazar to follow up on. Two larger items were also discussed; crumbling sidewalks and tracked pavement marking. DPW is going to write a letter to MassDOT asking them to remove and replace the crumbling sidewalks and to sandblast the tracked pavement markings.

*On April 6th a letter was drafted and send to Richard Masse, Acting District 2 Director, asking the State to replace the crumbling sidewalks and to fix the tracked pavement. No response has been received (yet).

*No update in May.

*In June we were told that MassDOT is going to replace all the crumbling sidewalks. The replacement work is expected in last July or early August.

*Despite reaching out to MassDOT multiple times in July, we have not been told when the sidewalk slab replacements will be installed.

*In August, we are still waiting on MassDOT for confirmation on the new sidewalk construction. We have reached out to MassDOT several times. Each time we get a similar response; “Currently we are waiting on the results from the main DOT lab in Hopkinton. We don't want to replace 1400 SY of sidewalk to have the same issue happen again. I'll update you as I receive the information.”

*No update in September

*No update in October

*No update in November

*In December, MassDOT reports that they plan to meet with Baltazar in January to resolve the sidewalk issues. Once agreed upon, MassDOT will relay the plan.

*No update in January

*No update in February

*In March DPW was told by MassDOT the crumbling sidewalks would be replaced “soon”.

*No update in April

*No update in May

*In June, Garrett Postema, MassDOT Project Manager, provided this update; “On June 17th MassDOT sent Baltazar an official letter requesting a repair/replacement procedure and schedule for the sidewalks. I have yet to hear what their response was.”

*No update in July

*In August, DPW reached out to MassDOT for an update. No response was received by the report deadline.

*No update in September

*No update in October

*No update in November

*In December, DPW reached out to MassDOT asking for an update on the sidewalk repairs. No response was received by the due date of the report.

***In January, MassDOT replied stating that there is no new information.**

Longmeadow Street Pavement Preservation Project

The DPW Engineering Division submitted a project to Mass DOT to upgrade Longmeadow Street from Converse Street to the Enfield town line. The 25% design plan was submitted in March 2014 and the Engineering Department is responding to and redesigning aspects based on comments received.

The project estimate is \$2.5M and involves paving 2.8 miles of road, sidewalk construction to close the gaps so the walks run continuously from project start to end, installation of ADA compliant wheelchair ramps replacement of catch basin tops and manhole frames and covers and placement of new pavement markings. The town will pay engineering and design expense and the state will fund construction. MassDOT has this programmed as part of the 2020 TIP.

In December, DPW initiated a discussion with MassDOT regarding the possibility of including the traffic signal improvements listed below (numbers 1, 2 and 4) as part of this TIP project. In January, the DPW completed the Project Notification Form (PNF) to formally request that these intersections be added to the project. In February, the DPW and Town Manager met with Jeff Hoynoski, P.E. and Michael Bolduc of MassDOT District II to discuss the PNF. Mr. Hoynoski indicated that the project will likely be received well and advised us to move forward with advancement. At this time, engineering staff plans to work with VHB Engineers to complete a more thorough cost estimate and more detailed concept plans for MassDOT review in July. VHB has also been asked to prepare a complete proposal for design and coordination efforts. DPW has reached out to two other engineering firms to provide a design proposal for Longmeadow Street. Those proposals are due back in early summer. In June, two of the proposals were received. In July, the last one was received. Now that we have them, we will begin to evaluate them.

*In August – DPW began to evaluate the proposals.

*In September – DPW awarded the work to VHB.

Correction – the work was awarded to Fuss and O’Neill (FO)

*In October, DPW worked with the town procurement office to finalize a contract with FO. In November, FO is scheduled to survey of the project (weather permitting).

*No update in December

*In February, the DPW completed and submitted the Transportation Evaluation Criteria scoring for the PVPC meeting on February 20th. At the meeting, the scored was discussed with MassDOT and PVPC. The projects scoring was viewed favorably relative to other projects reviewed at that meeting. The favorable outlook helps the project advance on MassDOT’s Transportation Improvement Program list.

*In March, the DPW learned that the project was assigned to the 2023 TIP. Fuss and O’Neill continue the design work with a 25% plan expected this summer.

*No update in April

*No update in May

*In June, Fuss and O’Neill requested to delay the 25% design plan until fall with the Public Design Hearing in early 2019. DPW agreed.

*No update in August

*In August, we setup a meeting with a Land Attorney to help us determine who (in Springfield, DPW vs Park Dept.) owns the section of road between Interstate 91 and the Longmeadow Town line. This information is needed to get approval on the new signal, traffic pattern and sidewalks. The meeting is setup for September 11th.

*On September 11th, the Town met with a land attorney to describe the portion of land in question. Later in the month the land attorney called to say the early research looks like the land is park land therefore has Article 97 protections. Further research is needed. Once completed, the land attorney will write an option. The design work is on hold until this is completed.

*In October, FO reworked the intersection so the land taking at Forest Park is not needed. The design work is progressing with a tentative 25% design public meeting in the summer 2019.

*In November a pre-25% meeting was setup with MassDOT and town officials to discuss the 25% submission. That meeting is scheduled for December 13th.

*In December, the pre-25% meeting was held at the District 2 office. At the meeting, Town Officials, FO and MassDOT officials discussed concepts related to the 3 traffic intersections including traffic signals and sidewalks with the goal of having a Design Public Hearing sometime in the summer of 2019.

*No update in January

*In February, FO delivered the 25% design submittal to the DPW. DPW has begun its review of the submittal. The Design Public Meeting is expected to take place in during the summer 2019.

*The 25% design submittal was sent to MassDOT for their review.

*No update in April

*No update in May

*No update in June

*No update in July

*No update in August

*In September, the 25% designs comments were send back to FO to respond to/update plans.

*In October, FO continued to work on the design comments and plan updates.

*In November, FO finished updating the design and plans. Next step is for MassDOT to schedule a 25% public meeting.

*On December 15th, MassDOT District 2 approval memo was sent to Boston for the Chief Engineer's approval. Once approved, the 25% public meeting can be scheduled.

***On January 9th, the Mass DOT Chief Engineer approved the 25% design plans. We expect the Design Public Meeting to be scheduled in late winter or early spring.**

Converse Street and Route 5 Signal Upgrades and Corridor Improvements:

VHB has been retained as a consultant to prepare a conceptual plan and recommendations (25% design) for intersection improvements and corridor improvements on Converse-Longmeadow Street corridor from Laurel street to the Springfield Town Line. Design will include intersection layout improvement, traffic signal upgrades, pedestrian accommodation, and pavement preservation. The four study area intersections are:

1. Route 5 (Longmeadow Street/Columbus Ave) at Forest Glen Road/Western Drive;
2. Route 5 (Longmeadow Street) at Converse Street/Englewood Road;
3. Converse Street at Laurel Street;
4. Route 5 (Longmeadow Street) at Bliss Road;

Initial scope of work for this phase includes:

- Traffic data collection/ Traffic assessment memorandum
- Conceptual design/ Selection of preferred alternative:
- Preliminary engineering, prepare typical sections, details, signal plans, striping plan, general plan, prepare a preliminary estimate for Town budgeting purposes
- Meetings and coordination, meet with DPW at up to two meetings to discuss improvements or field walk the project limits, meet with Board of Selectman or other Town Officials to discuss improvement options; up to two meetings.

VHB completed traffic data collection/assessment and conceptual design/preferred alternatives. VHB presented the concept designs to the Select Board in early January. VHB is working to update the design based on the comments obtained from the Select Board.

(See above – Longmeadow Street Pavement Preservation Project)

New DPW Facility at Grand Meadow Tennis Site

At the May 9, 2017 Town Meeting, residents approved \$21,025,000 to take (by eminent domain) the Grand Meadow's Tennis Facility on Dwight Road and erect a new DPW. On July 13th, the Town Manager and DPW Director met with representatives from Weston and Sampson (Engineers/Designers) and Colliers International (Owners Project Manager) to discuss schedule and next steps. The schedule that was agreed upon is: Weston and Sampson will finish the design this fall, in fall or early winter the tennis facility will be demolished, bid the project in late winter, and break ground in early spring. The build is expected to take 15 months.

*In August, DPW met with Weston and Sampson to design the Fleet Maintenance section of the new facility as well as the HVAC system. DPW also worked with Weston and Sampson's contractors to obtain boring samples and test pits at the Grand Meadow's site.

*In September, Weston and Sampson (WS), the Town Manager and the DPW met with the Building Committee to discuss the project and the schedule. Also in September, WS held a meeting with Longmeadow's Information Technology Department and DPW to discuss the new facility's IT infrastructure and security needs.

*In October, DPW met with a furniture vendor to estimate the cost to furnish the new facility. In addition to furniture vendor, DPW and WS met to review the equipment selected to outfit the vehicle maintenance and the shops maintenance area. On the 27th, WS, DPW and Longmeadow IT met with the Town's security vendor to discuss the security needs of the new DPW.

*In November, DPW and WS met with LPD, LFD, and Code Enforcement for a security and site plan review. The meeting was productive. All parties were able to discuss their concerns and WS was able to adjust the site plan where necessary. Also in November, the DPW, Longmeadow IT, and WS met with the town's camera and security vendor to introduce the project and ask for their advice on building security and camera placement best practices.

*In December, DPW met with WS to review the fleet maintenance area as well as the wash bay. In both cases, the town is looking to value engineer portions of those work areas to meet budget. Also in December, the subcontractor pre-qualifications proposals were due on the 6th.

*In January, the 10th, DPW attended the Conservation Commission meeting where the Commission approved the project and gave the DPW permission to remove the trees that had fallen into the dingle behind the existing building. On the 29th, a Prequalification meeting was held to evaluate the sub bidders.

*In February, project went out to bid. The anticipated bid closing date for the prequalified sub-bidders is March 22nd and the general contractor bidders is April 12th.

*In March, the sub-bidders bid opened. The total value of the contracts came in about 5% under budget. The general contractor's bid is scheduled to open April 12th.

*On April 12th the General Contractor's bid opened and the low bidder was W. J. Mountford Co. Colliers International is reviewing the bid to make sure all items are covered and that Mountford is capable of handling a project of this size. If approved, the project could begin in May or early June.

*In May, the contract was awarded to Mountford. On May 16th, a preconstruction meeting was held. It was decided that the Ground Breaking would be on June 1st. On May 29th the Permanent Building Committee set up a sub-committee to review change orders. It's expected that Mountford will get their asbestos plan approved in June and begin remediation.

*In June, additional asbestos was found on the outside of the building. The asphalt playing surface from the section of building that was part of fire was removed and stacked along the back of the building. Mountford has modified their abatement plan to include this additional work. The new plan has been submitted to the state for approval. Much of the clearing and grubbing on the south side of the property has been completed.

*In July, even more asbestos was found underneath the existing paved parking lot. The Town is working with Mountford and DEP to explore options for site cleanup.

*In August the Town explored the option of bringing the asbestos to the old (uncapped) landfill on Bernie Road. DPW has hired Tighe and Bond to help us work with DEP and Conservation Commission on this option. The early indicators seem to suggest this will be a viable option. The only requirement discovered thus far (if approved) is that the Town will need to cap the landfill ASAP.

*In September, the cost estimate associated with disposing the asbestos material at the Bernie Road Landfill was received; approximately 2 million dollars. This amount is more than anticipated. The Town is exploring the cost to bury the material onsite.

*No update in October.

*No update in November

*In December, the Select Board approved a change order to truck the hazardous material from the current site to the old municipal waste dump on Tina Lane/Bernie Road. The transporting of the contaminated soil is expected to begin in January and last into March (weather depending).

*In January, the hauling of hazardous material to the Tina Lane/Bernie Road Landfill has commenced. In the first couple of weeks, the hauler has been able to exceed the estimated number of trips per day. If the weather continues to stay mild, the project should be completed ahead of schedule.

*In February, the hauling continued on a regular basis. DPW believes this work should be completed in early March.

*In March, the hauling was completed. As the ground thaws, Mountford will begin the site work.

*In April, site work has begun. The stream bank on the north side of the property has begun to erode. Many trees have fallen into the stream causing an obstruction and creating more erosion. DPW was asked to get a quote from Northern Tree Service to remove the fallen trees.

*In May, the trees that have fallen into the stream have been removed. Site work continues – the detention pond, water, sewer, and drainage pipes are being installed.

*In June, site work continues – the detention pond, water, sewer and drainage pipes are nearing completion. It's expected the building foundation will be framed in July.

*In July, the building foundation began. That work is expected to be completed in August.

*In August, the foundation work continued. Additionally, the Town worked with Verizon to relocate a utility pole anchor, and the fuel island subcontractor began their work.

*In September, the foundation work continued. The fuel island subcontractor also continued their work. That work should be completed in October. The building is ready to be shipped and will likely be delivered in October.

*In October, the foundation work neared completion. The fuel island work was completed and the building's steel skeleton has arrived on site. Once the foundation work is completed, the building will be erected.

*In November, all but a few of the foundation piers are completed. Once completed, the building will start to be erected.

*In December, all the foundation piers were completed. They were given time to cure before the building erection was started.

In January, the buildings steel structure was erected. The building's walls and roof are next. The installation of these are expected to take a few months.

Morningside Drive Culvert Replacement

At the annual Town Meeting on May 8th 2018, the town approved \$520,000 for the replacement of the 36 inch culvert as well as the related infrastructure under Morningside Drive. DPW has contracted with David Prickett Consulting to design the project. The project design should be completed in March 2019 and released for bid shortly afterward. It's expected this project will begin this spring.

*No update in March

*In April, DPW sent the abutting property owners notice of the project and asked for permission to access the work site via their property. The project is expected to be bid in May and constructed over the summer.

*In May, many of the "right of entry" agreements have been returned. A second notice will be sent to the ones that have not responded.

*In June, we're still awaiting on a couple of "right of entry" agreement to be returned. The project is scheduled to be bid in July as is the Notice of Intent (Conservation Commission).

*In July the bid documents were finalized. It looks like the project will go out to bid on August 8th and open on August 22nd.

*In August, the bid opening was delayed due to an addendum related to Conservation Commission requirement. The new bid opening is expected in September.

*In September, the Conservation Commission determined that the property owners abutting the culvert need to request the Notice of Intent (NOI). The bid was withdrawn until such time as each home owners are contacted and agree to sign the NOI.

*No update in October

*No update in November

*No update in December

***In January, DPW sent out a second letter to the abutters explaining the project and asking them to sign a construction easement and NOI for the Conservation Commission filing. Two of the five abutters have returned the paperwork. The project can't move forward until all five have signed off.**

Safe Routes to School Grant

The DPW applied for and was awarded a \$140,000 Safe Routes to School Grant. The project involves the installation of a concrete sidewalk on the south side of Bliss Road from Grassy Gutter to Blueberry Hill Road. In addition to the sidewalk, the application specified a raised crosswalk and flashing beacons across Bliss Road. The next step is to discuss the project with the Town Manager and Select Board to decide if the raised crosswalk should be installed.

*No update in May

*In June, DPW, Police and School officials met Safe Routes to School (SRTS) project team to discuss the project. The SRTS project team suggested making the sidewalks wider to accommodate dual uses. DPW will adjust the plans and specifications to include their suggestion. The project is slated as a SRTS 2022 project.

*No update in July

*No update in August

*No update in September

*No update in October

*No update in November

*No update in December

***No update in January**

Monthly Road/Trench Permits:

Start Date	Permit No	Company-Name	Street #	Street / Intersection	Reason for Permit
03-Jan-20	3229	Columbia Gas of Massachusetts (Brockton)	122	Cooley Drive	Emergency / Replace Service Line
07-Jan-20	3230	Columbia Gas of Massachusetts (Brockton)	138	Longmeadow Street	Work on Private Property
07-Jan-20	3231	Columbia Gas of Massachusetts (Brockton)	105	Converse Street	Work on Private Property
07-Jan-20	3232	Columbia Gas of Massachusetts (Brockton)	137	Greenacre Avenue	Work on Private Property
07-Jan-20	3233	Columbia Gas of Massachusetts (Brockton)	114	Meadow Road	Work on Private Property
07-Jan-20	3234	Columbia Gas of Massachusetts (Brockton)	34	Homestead Avenue	Work on Private Property
07-Jan-20	3235	Columbia Gas of Massachusetts (Brockton)	140	Avondale Road	Work on Private Property
07-Jan-20	3236	Columbia Gas of Massachusetts (Brockton)	83	Berwick Road	Work on Private Property
07-Jan-20	3237	Columbia Gas of Massachusetts (Brockton)	128	Meadow Road	Work on Private Property
07-Jan-20	3238	Columbia Gas of Massachusetts (Brockton)	594	Converse Street	Work on Private Property
07-Jan-20	3239	Columbia Gas of Massachusetts (Brockton)	32	Norway Street	Work on Private Property
07-Jan-20	3240	Columbia Gas of Massachusetts (Brockton)	141	Avondale Road	Work on Private Property
13-Jan-20	3241	Columbia Gas of Massachusetts (Brockton)	120	Bel-Air Drive	Compliance / Grade 2+ Leak / 21 Day
13-Jan-20	3242	Columbia Gas of Massachusetts (Brockton)	67	Converse Street	Compliance / Grade 2+ Leak / 21 Day
13-Jan-20	3243	Columbia Gas of Massachusetts (Brockton)	452	Bliss Road	Compliance / Grade 2+ Leak / 21 Day
16-Jan-20	3244	Columbia Gas of Massachusetts (Brockton)	28	Green Meadow Drive	Compliance / Grade 2+ Leak / 21 Day
16-Jan-20	3245	Columbia Gas of Massachusetts (Brockton)	251	Park Drive	Compliance / Grade 2+ Leak / 21 Day
16-Jan-20	3246	Columbia Gas of Massachusetts (Brockton)	8	Brookwood Drive	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3247	Columbia Gas of Massachusetts (Brockton)	29	Lawnwood Avenue	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3248	Columbia Gas of Massachusetts (Brockton)	45	Bellevue Avenue	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3249	Columbia Gas of Massachusetts (Brockton)	85	Emerson Road	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3250	Columbia Gas of Massachusetts (Brockton)	80	Bliss Road	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3251	Columbia Gas of Massachusetts (Brockton)		Woodside Drive & Terry Drive	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3252	Columbia Gas of Massachusetts (Brockton)		Burbank Road & Bliss Road	Compliance / Grade 2+ Leak / 21 Day
21-Jan-20	3253	Columbia Gas of Massachusetts (Brockton)	650	Wolf Swamp Road	Compliance / Grade 2+ Leak / 21 Day
20-Jan-20	3254	Columbia Gas of Massachusetts (Brockton)	197	Warren Terrace	Emergency / Replace Service Line
23-Jan-20	3255	Columbia Gas of Massachusetts (Brockton)	45	White Oaks Drive	Compliance / Grade 2+ Leak / 21 Day
23-Jan-20	3256	Columbia Gas of Massachusetts (Brockton)	612	Shaker Road	Compliance / Grade 2+ Leak / 21 Day
23-Jan-20	3257	Columbia Gas of Massachusetts (Brockton)	20	Hilcrest Avenue	Compliance / Grade 2+ Leak / 21 Day
23-Jan-20	3258	Columbia Gas of Massachusetts (Brockton)	18	Meadow Road	Compliance / Grade 2+ Leak / 21 Day
22-Jan-20	3259	Columbia Gas of Massachusetts (Brockton)	797	Longmeadow Street	Emergency / Leak on Main

30-Jan-20	3260	Columbia Gas of Massachusetts (Brockton)		Warren Terrace	Compliance / Grade 2+ Leak / 21 Day
30-Jan-20	3262	Columbia Gas of Massachusetts (Brockton)	58	Clairmont Street	Compliance / Grade 2+ Leak / 21 Day
31-Jan-20	3263	Columbia Gas of Massachusetts (Brockton)	122	Cooley Drive	Emergency / Replace Service Line
28-Jan-20	3264	Columbia Gas of Massachusetts (Brockton)	68	East Greenwich Road	Emergency / Replace Service Line

Highway Operations:

- Pavement repairs 1/2 – 1/31 (all pavement repairs entered in Cartegraph)
- Street sign maintenance preformed throughout Town (location logged into Cartegraph)
- Provided town wide branch pickup due to high winds
- Catch basin repairs various locations (locations logged into Cartegraph)
- Stump grinding and lawn repairs various locations (logged into Cartegraph)
- Jet-Vac with designated crew continued the sewer and storm drain cleaning
- Maintained Leaf Drop-off area and access road on West Road for annual leaf collection program
- Repaired water main break on Laurel Street at Bliss Park
- Provided snow and ice control for one winter storms
- Maintained Salt Storage bunker for winter activity, including the stockpiling of material.

Cartegraph Work Orders

0 Berm Repair
1 Cleaning
0 Dead Animal Removal
0 Digging
0 Grading
7 Stump Grinding
0 Loam/Seed
8 Miscellaneous
0 Mowing
0 Mailbox Repairs
14 Pothole Patching
0 Lawn Repairs
0 Field Relining
0 Salting
0 Sidewalk Repair
1 Signs
1 Trees Removed
0 Traffic Signal Repair
4 Downed Tree Branch
0 Tree Pruning
36 Total Work Orders Completed

Grounds

- Regular and ongoing equipment maintenance
- Cleaned up limbs brought down by wind storm
- Daily check for icing at town buildings has continued
- Removed the benches from the High School Upper Field and Russell Field for winter storage
- Assisted with collection of Christmas Trees
- Trimmed the fence line at Wolf Swamp Field
- Trimmed brush at Glen Brook School
- Trimmed brush and vines along buildings and fence line at Greenwood
- Disassembled leaf vacuum machine to repair impeller and chamber

Wolf Swamp Field Well

At the Annual Town Meeting on May 9th, 2017, \$80,000 was approved to install a well so the field may be irrigated in the future. In March, the bid specification was completed and submitted to Procurement for release.

It's expected the bid will be released in April.

*The bid is scheduled to be released in early May. Bid opening is expected to be May 25th.

*The bid was released on May 10th. A pre-bid conference was held on May 18th. Questions were submitted from potential bidders and addenda were released. The new bid opening is June 13th.

*On June 13th the bids were opened and Connecticut Valley Artesian Well Co was the only bidder at \$49,790. The project is scheduled to begin in July.

*In July, Ct. Valley Artesian Well began to drilled for the new well. The target depth of the drilling was 500 +/- feet. At 500 feet, the well would only produce 65 gallons per minute (gpm). For the irrigation to work correctly, the well needs to produce at least 120 gpm. Ct Valley was authorized to continue to drill in 100 foot increments. At 710 feet, we found that the well could produce approximately 200 gpm. The next step is to buy and install a motor and controller.

*In August, DPW learned that the new well pump requires upgrading of the existing electric supply to the Field House from a single phase to three phase service and has an approximate three month lead time with Eversource. We are working with our On-call Electrician to proceed with the electric service upgrade prior to proceeding with the installation of the well pump.

*In September, the on-call electrician had a death in the family which has caused the project to be put on hold.

*In October, the on-call electrician quoted the three phase electrical service installation at \$25,000 plus in-kind service of DPW doing the excavation work. This would leave only \$5,000 in the account and the project would be short by approximately \$35,000. DPW met with the Park and Rec Director, Town Manager, and Assistant Town Manager to discuss option. It appears Park and Rec will be able to fund the overage. The work is approved and we are working with Eversource to supply the power to the field house.

*In November, Eversource confirmed the work is scheduled for the beginning of January.

*No update in December

*In January, the electrical equipment was delivered to the site. The electrical contractor is expected to complete their work in February.

*In February, the electrical contractor began the installation of the new three phase electric service and switch gear.

*No update in March

*No update in April

*In May, we continue to work with Eversource to bring 3 phase power into the field house.

*No update in June

*No update in July

*In August, Eversource has placed a new pole for the electric service connection.

*No update in September

*No update in October

*In November, we were told that Eversource will connect the power in December.

*In December, the three phase power has been connected to the concession stand. The meter installation is pending the Electrical Inspector's inspection and approval.

***In January, the meter was installed.**

Water

11 Final meter reads were done for real estate transactions

0 Meter Installations

34 Service calls

0 Meter Profiles

0 Curbstop/Checks

0 Backflow device inspections

0 Hydrants flushed

5 Hydrants out of service

3 Hydrants pumped out

0 Hydrant replaced

1 Hydrants rebuilt/repared

0 Hydrants Painted

- 0 Hydrant Flags Installed
- 0 Water Service Renewals
- 17 Munis Work Orders Completed (Final Reads, Pressure Checks, Meter Installs, and Profiles)

Sewer

- The Jet Truck was out 7 days (hot spots and 1,665ft. cleaned)

Activities:

- Coliform/HPC sampling on 1/6 and 1/22
- Monthly meter reading
- Monthly water tower inspection
- Bay Path Pump inspection
- Inspected new water service at COA building
- Sewer backup into 96 Williams St (1/28) MIAA was notified of claim
- Installed backflow device on hydrant at new DPW for contractor
- Hall Pump pulled pump #2 at Bay Path pump station. Pump impeller was blocked causing pump to trip
- Cleaned out channels and checked all three pump impellers at Emerson Pump Station and wet well
- Conducted hydrant flow test for first phase of the Mott and McDonald hydraulic model study

Hydraulic Water Model and Tracer Study

Mott and McDonald was hired to conduct a hydraulic model study and tracer study as a way to better understand the increases in TTHM and HAA5 levels in our water system. We are working with DEP and Springfield Water and Sewer Commission to discuss possible ways to lower the levels.

***In January, the first phase of the study was completed by conducting the hydrant flow testing.**

North Interceptor Project

DPC is working on design plans for phase one of the sewer section on Severn Street. DPW Engineering contacted Tighe & Bond for the survey plans they performed years earlier. Plans were received and forwarded to DPC.

Center School

The fire alarm system has outdated detectors. DPW is working with a vendor to get an estimate so we can submit as a capital projects request for this work. In October, a capital request was submitted to update the fire alarm system. Capital Planning Committee and the Select Board have approved the project and a warrant article has been submitted for May Town Meeting. Town Meeting approved this warrant article. DPW has found a state approved vendor to do this work. It appears this work will happen during the Christmas break.

*No update in September

*In October, we contacted the state approved vendor, Simplex, to schedule the work. Since school needs to be empty and the vendor has commitments for Christmas and winter break, spring break (April 2018) was selected as the project start date.

*No update in December

*No update in January

*No update in February

*In March, DPW told Simplex that we are going to wait until summer to do this project. The reason for this is because a new Facilities Director, John Clooney, was hired and we want to give him time to evaluate the system and see if using Simplex is the right way to fix the system.

*In April, the Facilities Director suggested switching to a non-proprietary panel so any vendor can work on it. A RFP for the new fire panel and devices was developed with the Procurement Manager. The RFP is expected to go out on May. Also in April, the Principal of Center School requested the broken flag pole be replaced. DPW reached out to Sentry Flag Company for a quote. The new pole is expected to be installed in May.

*In May, all Fire Alarm bids were rejected due to amount of questions we couldn't answer. We decided to get and electrical engineer involved to assist with drawings and specifications.

*In June, RDK submitted a proposal for a Fire Alarm Study. The cost of the study is \$8,500. DPW agreed to the proposal and RDK is scheduled to start on July 10th.

*The study began in July.

*In August, no update on the Fire Alarm Study. Per school Principal, 3 window air conditioners didn't work and were replaced (rooms A201, A204 and Gym Office).

*In September, we received an update on the fire alarm study. To fix the system properly (not a Band-Aid approach), much of the existing system need to be replaced. To do so, RDK (now known as NV5) estimates it will cost about \$300,000. With about \$50,000 in the pot, DPW will need to go back to Capital Planning Committee and ask for an addition \$250,000. That request will be part of this year's capital request.

*In October, began working on capital project request.

*In November, the capital request was completed and submitted for consideration.

*In December, DPW attended a capital projects meeting to advocate for the project

*No update in January

*No update in February

*In March, the Capital Planning Committee presented its FY 2020 plan to the Select Board. The Board approved this project and it will be included on the Town Warrant for the Annual Town Meeting.

*In April, DPW worked with NV5 to compile a bid. Bid will be released if the project is approved at Town Meeting.

*In May, Town Meeting approved the project. DPW is working with NV5 to complete the bid documents with the goal to have it out to bid in June.

In June, the bid documents were completed. The project is scheduled to go out to bid on 7/3 and close on 7/18. There is a mandatory pre-bid conference on 7/10.

*In July, the bid was awarded to Hickman & Sgroi. Work began at the end of July and will continue until school starts at the end of Aug. Once school starts, the remaining work will be completed in the evenings or on the weekends. Also in July, the carpet was replaced in the library.

*In August, the fire alarm work continued. A majority of the work in the classrooms is completed and the remaining work will be done at night. The new system should be functional in early November. In addition to the fire alarm work, DPW is filling (with flowable fill) the void discovered underneath the terrace outside of the gymnasium.

*In September, the fire alarm work continued. The remaining work is outside the classrooms and is being done at night. The project is still on schedule to be functional in November. The void under the terrace outside the gym is nearly filled. It's expect to be completed in early October.

*In October, the fire alarm work continued to progress. All wires have been pulled and the devices are being installed. The void under the terrace has been filled and the two fire exits have been opened.

*In November, the installation of the new fire alarm has been completed and has passed inspection. The work of removing the old system will continue through December.

*In December, the decommissioning of the old system continued. This work is expected to be completed in January.

***In January, decommissioning of the old system was completed and the punch list item are expected to be completed in February.**

High School

During a building walk-through with the new Facilities Director, the High School's Vice Principal mentioned that the platform for the stage no longer moved up and down. DPW did some research and decided to reach out to Serapid (the manufacturer of the stage equipment) for a quote. Serapid's quote was a minimum of \$5,000 to come to Longmeadow (from Missouri) and "try" to fix the stage. Looking for a better option, DPW worked with Procurement Manager to find a local vendor capable of servicing the stage equipment. United Elevator was referred to us. United Elevator came out to do an inspection of the stage equipment and determined that the encoder is defective. A new encoder was ordered and is expected in May.

*In May, the new encoder for the platform was replaced and the stage is now function properly. Also in May, we met with Procurement to develop specifications for the High School pool refinishing. The pool refinishing bids will go out to bid the 1st week of June and the anticipated work to begin on July 1st. Hill Engineers will be overseeing the project.

*In June, the pool bid was published and a pre-bid conference was held on June 14th. Bids opened on June 26th and the Low bidder was Scholar Painting. We are reviewing Scholar's bid and references. Scholar didn't illustrate the successful completion of similar projects and their qualifications don't match well with the project.

*Scholar Painting's bid was rejected due to lack of experience. We plan on re-bidding the project in the spring (2019). In addition to the pool, we addressed a complaint regarding the lobby fire doors. It appears the doors sag due to the weight of the door. We met with a contractor on repair options and we are awaiting cost proposals.

*In August, we pushed to get a number of items done before the students returned. The items completed include: refinishing the gym floor and the Auditorium stage, repainting the Auditorium stage platform, replacing the ceiling lights in the Auditorium, changed fifty faucet lines in the science classrooms due to blue water, installed Homosote sound proofing in band rooms, and installed three AEDs.

*In September, we continued our dialog with Gilbane on the deficiencies with the HVAC. Gilbane is expected to report their findings in October.

*In October, we received the estimate for the HVAC deficiencies at the High School. DPW began working on the capital projects request for this work.

*In November, the capital request was completed and submitted for consideration.

*In December, DPW attended a capital projects meeting to advocate for the project.

*No update in January

*No update in February

*In March, the Capital Planning Committee presented its FY 2020 plan to the Select Board. The Board approved this project and it will be included on the Town Warrant for the Annual Town Meeting.

*No update in April

*In May, Town Meeting approved the project. This project cannot begin until the heating season begins. Also in May, a supply line to a sink in room 206 broke and flooded rooms 206, 106, 106a, 107, 109. DPW contacted MIA and contracted with Complete Restoration Solutions for the cleanup and repair. The damaged material has been removed and the rooms have been dried. Working to find the original cabinet maker in an effort to replace the damaged cabinetry.

*In June, CRS completed the cleanup. The repair work started in June but will continue into July. We were unable to find the original cabinet maker so we contacted a local cabinet maker to give us a quote to replace what was lost in the flood.

*In July, the cabinet maker measured for the new cabinets and the likely install over Christmas break. This room will remain out of service until the cabinets are installed. Also in July, the High School pool was refinished and the fire doors to the academic wing were replaced.

*In August, DPW worked with Hill Engineers to investigate HVAC issues throughout the building. This work is expected to continue into the winter and spring months to see how the seasons affect the system.

*In September, the HVAC work continued.

*In October, the HVAC investigative work continues. Also in October, there was a major sewer back-up in the administrative wing. Fletcher was called to clear the line. Fletcher found the clog was created by vape pen cartridges and paper towels.

*In November, the HVAC work continued.

*In December, the HVAC work continued as well as the installation (over holiday break) of new cabinetry in the classrooms that were flooded.

In January, The HVAC work continued. In addition to that there were a few other heating issues – Roof Top Unit 6 went down. The on-call HVAC company came out and changed the firing sequence for fresh air dampers to avoid future freeze ups, boiler 2 went down – burnt terminal on ignition wire replaced with wire in heat resistant sleeve, heat in Natatorium bathrooms repaired – valves were reversed (no heat since construction).

Facilities Division Work Orders (SchoolDude)

65 Preventative Maintenance Work Orders Completed

149 Work Orders Completed

