

Salem Conservation Commission Minutes of Meeting

Date and Time: Tuesday, April 21, 2020, 6:30 p.m.
Meeting Location: <https://zoom.us/j/347010047?pwd=Y29KK3hJL3FTQmdHQkJQdnI0SktdZz09>
meeting ID # “347-010-047” password “710200”. Or dial 877-853-5257 to join the meeting. When prompted, enter meeting ID # “347-010-047” and then follow the instructions to join the meeting. Password is “710200”.
Members Present: Chair Gregory St. Louis, Dan Ricciarelli, Scott Sheehan, Bart Hoskins, Malissa Vieira, Tom Campbell, Tyler Glode
Members Absent:
Others Present: Brittany Dolan, Conservation Agent
Recorder: Stacy Kilb

Chair Gregory St. Louis calls the meeting to order at 6:30PM.

I. ROLL CALL

II. REGULAR AGENDA

- A. 71 Loring Avenue** - Public Hearing – Request for Determination of Applicability for Salem State University, 352 Lafayette St, Salem, MA. The purpose of the hearing is to discuss the proposed changes to the marsh monitoring plan originally determined in the Order of Conditions for 71 Loring Ave, DEP file #64-193, within an area subject to protection under the Wetlands Protection Act MGL c131§40 and Salem Wetlands Protection & Conservation Ordinance.

Tara Gallagher, Sustainability Coordinator, Salem State University

- Reviews SSU’s request for relief from ball field monitoring that has been occurring since 1996; a yearly sampling plan for sediment and groundwater was discussed
- Surface water would be added in 2026, the final year of sampling
- Original request for amendment denied b/c original Order of Conditions had not been extended, so DEP recommended RDA instead
- Sampling procedures are outlined
- Procedural matters are discussed (expired Order of Condition); this is administrative. Previous discussion is reviewed
- Chair opens to public but there are no public comments

A motion to close the public hearing is made by Sheehan, seconded by Hoskins, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

- B. Swampscott Conservancy Trail** – Public Hearing – Request for Determination of Applicability for The Swampscott Conservancy, 34 Bay View Drive, Swampscott, MA. The purpose of the hearing is to discuss the proposed trail maintenance on an existing trail in Salem that runs from Swampscott to the Forest River Conservation Area within an area subject to protection under the Wetlands Protection Act MGL c131§40 and

Salem Wetlands Protection & Conservation Ordinance.

Present for the Applicant is Toni Bandrowicz, president, Swampscott Conservancy and member of Swampscott Conservation Commission.

- Presentation was made in August; Commission felt an RDA would be appropriate
- Maps are reviewed; Swampscott gave a negative RDA so entrance can be built
- Sign will indicate "Forest River Conservation Area Connector"
- Trail will unite 3 communities
- Eagle Scout will help with clearing and creation of kiosk
- Salem filed RDA
- Signage is discussed
- Chair opens to public but there are no public comments

A motion to close the public hearing is made by Sheehan, seconded by Hoskins, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

- C. Loring Hills Avenue** – Public Hearing – Request for Determination of Applicability for the Massachusetts Electric Company d/b/a National Grid, 40 Sylvan Road, Waltham, MA. The purpose of the hearing is to discuss the proposed installation of a new underground electrical conduit along Loring Hills Avenue within an area subject to protection under the Wetlands Protection Act MGL c131§40 and Salem Wetlands Protection & Conservation Ordinance.

Present for the Applicant is Dana Vesty, Environmental Scientist, Tighe & Bond.

- Work commenced April 6th, prior to Commission's viewing of Application
- Brittany Dolan was notified, allowed work to proceed. Work is consistent w/RDA as described; 447 linear feet along Loring Ave, excavation of entry and exit pits 2.5' wide x 5' long and 3' deep
- Work took place over 3 days and temporarily disturbed areas in buffer, which were restored
- Seeking after-the fact Determination; Ms. Dolan notes that everything has been restored. There were no impacts to the area
- Item was scheduled on March agenda but there was a miscommunication
- O & M circulating drilling fluid/loss thereof? No issues during construction
- Exempt work b/c it is a utility? They are in the shoulder, right of way but not in a paved surface, so PR team wants the permit in hand. Generally erosion controls are done
- Chair opens to public but there are no public comments

May need to re-vote the above items as Commission did not vote on actual RDA's.

A motion to close the public hearing is made by Sheehan, seconded by Hoskins, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

A motion to issue a Negative 2 and Negative 6 RDA is made by Hoskins, seconded by Glode, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

D. Gas Main Replacements (various streets) – Public Hearing - Request for Determination of Applicability for the Boston Gas Company d/b/a National Grid, 40 Sylvan Road, Waltham, MA. The purpose of the hearing is to discuss the proposed replacement of existing gas mains within Messervy St, Glover St, Green St, Leach St, Glendale Ave, Adams St, Franklin St, Orchard St, and Moulton Ave within an area subject to protection under the Wetlands Protection Act MGL c131§40 and Salem Wetlands Protection & Conservation Ordinance.

Dana Vesty with Tighe & Bond presents.

- 5,415 linear feet of gas main will be replaced in the above areas; work is considered exempt under WPA and Salem Ordinance section 52
- Involves excavation of 2' wide x 3' deep trench, laying pipe, backfilling over. Erosion controls will be installed downgradient and all areas restored after work
- Most roadwork within roadways but temporary impacts to various zones is described
 - 3263 sf temp impact to LSCSF
 - 1270 sf within Riverfront Area
 - 819 sf to 100 ft buffer
 - 2172 sf locally regulated 100' buffer zone impacts
- Brittany Dolan recommended an RDA b/c sections of replacement pipe will be larger than what is currently in place

Discussion:

- All within paved roadways
- Chair St. Louis: Past issues have included unsecured stockpiles that wash downstream, staging on private lawns, and restoration of temporary trenches with a permanent patch. Commission requested National Grid to submit a trench restoration plan
- Scott Sheehan clarifies that this is replacing in situ but increasing the size of pipe in some streets? Correct
- Timeline? Typically 200'/day in order to be able to close the trench, so the project will last a few months. Will do one area at a time, out of the three
- Chair opens to public but there are no public comments

A motion to close the public hearing is made by Sheehan, seconded by Hoskins, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

A motion to issue a Negative 2 and Negative 6 RDA is made by Glode, seconded by Ricciarelli, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
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Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

E. N-192 Cable Relocation (DEP #64-694) – Public Hearing – Notice of Intent for the New England Power Company, 40 Sylvan Road, Waltham, MA. The purpose of the hearing is to discuss the proposed replacement and relocation of the N-192 115kV underground cable, and construction of a new switching station at 10 Waite St, Salem, MA within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Presenting for the Applicant is Lee Curtis, Senior Ecological Scientist, BSC Group

- Spans Salem & Beverly
- Need for project
 - Cable deteriorating, constructed in 1920, difficult to access and repair, old technology prone to leaks
- Project Components
 - Remove existing, install replacement cable, add Waite St. Switching station
- Summary of Impacts
 - Most resource areas impacted related to removal of submarine cable, others related to Waite St. Station which is paved and gravel, rest in roadways
 - Overview provided
 - No permanent impacts to any areas in question
- Alternatives Analyses: “No build” was not possible. In situ replacement is also infeasible. Remainder of cable is in the MBTA right of way so must be removed. EFSB process = evaluated nearly 50 variations
- Summary of Proposed Activities: Replacement, removal (equipment to be used is outlined; dredging is not anticipated but is being permitted as a contingency), Waite St. Switching Station
- Restoration & Conformance w/WPA Performance Standards
- Additional Permitting/Regulatory Oversight
- Conclusion

Board Discussion:

- Chair St. Louis asks about dielectric pipes and if there is a carrying pipe being left in place. Josh Holden of National Grid notes that the cable is currently in the river, consisting of 4 separate submarine cables NOT in a conduit system. They will pull it laterally without dredging, hoping to lift with excavator and pull onto barge, but may need to dredge if not possible
- Turbidity curtains while pulling up cable? These will be used along w/additional sediment control, working with DEP to determine types and locations
- DEP comments? None received yet
- Scott Sheehan: MEPA filing; dredging & navigation? Sampling will be done; intent is to temporarily move sediment off the cable then replace it. Sheehan notes it cannot be replaced if pulled out of the water, but this is not planned
- Must coordinate w/Harbormasters, Coast Guard, who may be needed to direct boat traffic; Applicant is coordinating with them
- DMF comments? Yes, received during MEPA, hence time of year restrictions. Have not heard from MEPA re 40191 yet, expect comments to be similar. Work can only be done from Nov. 15-Feb. 15. No detailed plan currently in place, for possible contaminated sediment, as sampling will not be done until early or mid May, if found will work out w/DEP, discuss water quality monitoring plan and what to do if they do need to dredge. Water quality and dredging plans would need to be submitted prior to construction
- Sheehan notes other contaminated areas and what needed to be done w/materials. Will need to coordinate

w/DEP and Army Corps of Eng. Latter did not mention specific concerns but will meet with both once results of sampling are in

- Chair St. Louis notes entering Beverly, dirt caught fire 2 years ago

Chair opens to public comment

Email was received by Brittany Dolan from Clipper Ship Inn, who tried to comment on zoom but was not able to.

Email is read to the Commission:

- Effect of relocation on area, disruption of traffic flows/road construction? These items handled by Engineering Department, so are not jurisdictional. Chair St. Louis notes that other permits are required so any concerns can be addressed to the Departments handling them
- Traffic management Plans are being prepared though the project is a couple years out, going through the EFSB process, notes Ms. Curtis. Project website exists and outreach to abutters will be ongoing
- Chair St. Louis asks if Salem has moorings in that area; Applicant is not aware but will check. Scott Sheehan notes there are none
- Revetment/cobble beach to remain. Applicant agrees.

A motion to close the public hearing is made by Ricciarelli, seconded by Sheehan, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

Special conditions:

- *Submission of water quality testing plans prior to construction*
- *Submission of dredging plan prior to construction for review and comment by Chair and Agent*

A motion to issue an Order of Conditions with the special conditions as noted above is made by Ricciarelli, seconded by Hoskins, and passes in a roll call vote with all in all favor:

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

F. Forest River Pool and Bathhouse (DEP #64-693) – Public Hearing - Notice of Intent for the City of Salem, 98 Washington St., 2nd Floor, Salem, MA. The purpose of the hearing is to discuss the proposed construction of a new pool, rehabilitation of the existing bathhouse, shoreline restoration activities, and associated activities in Forest River Park within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Presenters:

Jenna Ide, Director of Capital Projects, City of Salem

Tom Scarlata, Bargmann Hendrie + Archetype, Inc. (BH+A)

Seth Lattrell, City of Salem

Jack Vaccaro, Epsilon Associates, Consultant

Andrew Donato, Hancock Associates

Project Overview, Jenna Ide:

- A firm was hired including landscape architects, structural engineers; currently in design & development; looking for different funding sources. Looking to start utilities in the fall, possibly starting construction then, with pool construction happening in the spring, to open pool in summer 2022 (pending funding)
- Epsilon is permitting entity
- Current site photos
- Historical and current bathhouse, turned into large pool in 1970, small pool added in the 1990's; historic tide pool was filled
 - This is the best location in Forest River Park; the large pool cannot have as many bathers b/c it is too deep and bottom cannot be fixed; numbers must be restricted
 - Existing shoreline shown; 2017 storm surge inundated entire pool complex
 - New pool footprint will be smaller
- Artist rendering of pool complex
 - Now in design and development
 - Removing much of existing pool infrastructure, building larger pool and kiddie pool, will allow more bathers in smaller pools but have more space
 - Pulling out of storm surge zones, re-creating wetland area/cove area
 - Project triggers due to coastal bank MEPA filing and other zones. Ch 91 Certificate is required
 - Rendering does not include trees but they will be there
 - Refurbishing existing building
 - Splash pad will extend the season; does not require lifeguards and does not have to be as warm out in order to be used
 - Will achieve zero net energy, will generate more than used w/solar panels
- Rendering of large pool and filtration plant
- Rendering of walkway; landscaping not presented yet. Will be re-creating the walkway along the ocean; access to the waterfront will be restored. Goal is passive access since active access is along the beaches. Possibility of a nature center
- Rendering of addition on the side facing harbor; would be a community room with space for up to 49 people w/warming kitchen for concessions, could also be used for nature's classroom, kayaking, yoga class, etc. Footprint of building divided into summer half and rest of building. Will use air source heat pumps so can be used almost all year, except for Jan./Feb.
- Got feedback from Historical Commission; preliminary meeting w/Park & Rec where feedback was obtained, will go back when designs finalized
- Front entrance view; arches will be reopened. Accessible parking will be there and on the other side of the building
 - Removing tennis courts, regrading parking loop and adding small lot for staff, emergency vehicles; recreating paths and landscaping
- Interior view of addition

The Chair asks if site work is all designed; this is not complete and additional analysis is needed.

Jack Vaccaro notes that areas in Conservation Commission Jurisdiction such as wetland restoration, tennis court removal, community room off the building as well as pool deck area, are set.

Chair St. Louis notes there was a presentation some time ago and makes some comments:

- Drainage report calcs don't match existing, please remedy
- Andrew Donato of Hancock Associates: will be a reduction in impervious areas on the site. All new pavement will be porous. Will be an increase in infiltration on site b/c of four added bioretention areas as well. Flow will go out to the ocean anyway, so rate of runoffs is normally not accounted for but did analysis and there is improvement.

Dan Ricciarelli asks about pool maintenance. Tom Scarlata notes:

- new infiltration plant, sand filters, normal chlorination for pools, backwashing the filters, holding the water, then pumping to sanitary
- The pool will be drained in the wintertime; there is a diversion valve so runoff (rain) going into the pool can be diverted.
- Chair Anderson asks if the sewer in the area uses gravity or pump stations. There are pump stations. There is an existing lift station to the east of the bathhouse w/fairly new pumps that will be reassessed in the spring. They were replaced in 2016 and the condition of the line will be checked

The splash pad system is considered bathing water under storm code so cannot go to the storm sewer, comments the Chair. The code may be changed. Scott Sheehan points out that bodies touch the ocean! Disposal of splash pad water must be resolved.

Chair St. Louis has seen communities w/similar geographic installations, and splash pads using existing septic facilities, and systems get overloaded via gallon per minute flow of splash pads; he does not want to see sanitary sewer overflow.

Scott Sheehan asks Ms. Ide about the community room and this is discussed. There will be no formal launch for kayaks as it would be difficult to install an accessible pathway, however there is easy shoreline access. The size of the pool and its potential use for competition is discussed.

New storm outfalls will discharge directly to the riprap channel, and another outfall on the other side is described. They will not discharge directly to the salt marsh areas; this is currently the setup.

There will be outdoor rinse spaces, on the pool deck, outside the buffer.

Regarding Chapter 91, historic photos on Slide 1 note this as historic tideland, and the historic tide line extends up to the entire pool deck; figure 4 in the NOI shows limits of historic tideland. The entire Park is public access, so Chapter 91 details/defines various water dependent projects; by regulation, any public park is considered water-dependent.

Ricciarelli asks about flooding during extreme weather events, and how to mitigate damage to the buildings. The pool deck area itself is in the 100 year flood zone, and the building is another element. The former will be raised to 3' above the 100 year flood zone so will be better protected. The building is already located on higher ground, however, with rising sea levels, it will be closer to the limit but the site will be much more resilient as proposed. Ms. Ide mentions that the building itself, the finishes chosen, and the filtration building, will be built to withstand storms. They will protect windows and finishes; pools may get flooded but the area is built to withstand flooding. They will not install sensitive materials.

Some pipe sizes and grading are shown in bioretention areas, which are less than 1' deep so there will be no ponding. However this is all porous pavement to allow for more infiltration; piping will be for overflow from bioretention and recharge areas. There is not yet a Draft Civil Set as of yet. The project is at 75% Design Development level; drawings are in the works but can be shared. The Chair is not comfortable issuing an Opinion on a site for which there are not final Plans.

Glode has also reviewed the materials but would like more detail.

The FEMA VE zone is described but updated Plans with additional drainage and grading detail can be provided. The Landscape Architect is not at the meeting. The idea is to create a high marsh planting area in the current footprint of the pool deck. The area above will be done with low plants, native grasses, etc. Shrubs would be used on either end to blend the contours into the steeper grades of coastal bank on either side. Plant species can be

specified. Species at the top of coastal bank now include Oak, Sumac and Hawthornes with no consistency across the site. They can work with the Commission to plant whatever species they feel are appropriate. Ms. Ide notes they are working with Barbara Warren and Salem Sound CoastWatch (SSCW) and through Coastal Zone Management through the MEPA process. They may seek a Coastal Resiliency grant and an MVP grant, so will seek expertise before finalizing the plantings. The SSCW living shoreline on Collins Cove has also provided a good example.

Glode is concerned about maintaining marsh-tolerant native species.

Chair St. Louis reiterates that the Commission would like additional detail.

Review of Commission's comments:

- Request for more detail on recirculation or release of water from splash pad
- Stormwater system
- Proposed grading must be shown
- Details on riprap size and components of bank stabilization
- Landscape planting plan on coastal bank and salt marsh restoration

Chair St. Louis notes he wants to see a full design, not just have questions answered. The Applicant does not need to appear before the Planning Board but does need Park and Rec approval, and has been to the Historical Commission. They will be applying for a Chapter 91 license and formal approval from Park & Rec so will keep this Commission informed. The Tree Warden is involved.

A motion to continue to the May 19th meeting is made by Scott Sheehan, seconded by Dan Ricciarelli, and passes with all in favor.

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Yes
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

G. Salem Willows Park (DEP #64-695) – Public Hearing - Notice of Intent for the City of Salem, 98 Washington St., 2nd Floor, Salem, MA. The purpose of the hearing is to discuss the proposed removal of 16 trees and the proposed planting of 22 trees in Salem Willows Park within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Jason Bobowski, Landscape Architect and Arborist with Hatch Associates, presents for the City of Salem.

- Overview - removing 23 trees
 - 16 in LSCSF or 100' buffer. Trees to be removed identified by number
 - 2018 Davey Resource Group did tree inventory and assessment in Willows, and assigned a risk rating and health review; majority of trees to be removed rated high to moderate risk to park goes due to decayed wood or in poor health in populated areas. Additional trees for removal took a beating in intense recent coastal storms.
 - Range from 2" to 41" diameter
- Planning to plant 22 new trees; will also be "de-paving" to redefine a sensible pathway and plant trees. Will also plant shrubs and perennials around flag pole after loss of two large willows there
 - Will do root restoration on 66' DBH European Beech - Root zone compacted
 - Plans presented to Historic Commission and Parks & Rec, who approved
- FEMA flood zones, buffer

Chair St. Louis notes there are more Willows in the Willows than other species; however Mr. Bobowski replies that in fact, 49% are Norway Maple, and only 9% are willows. They will be removing 17 or 18 Norway maples based on health.

Chair St. Louis asks if there has been success in using existing willows to sprout new ones. No, Willows lost were rated as healthy in the 2018 assessment but some are in exposed locations, and severe and intense storms mean trees are like sails, and they tip over and roots get ripped up. They are replacing with willows, but in protected locations where they will have an increased chance of survival. The rest of the trees proposed are natives based on coastal forest woodland plant communities. They did work with the Parks & Rec commission to select a plant list for replanting.

All existing willows were mapped; those proposed reinforce where they are now to succeed long term. Will replanting mimic areas where trees have been lost? Removals are all across the park; they will not replace by Dead Horse Beach b/c they don't know how Pioneer Village will impact the project. The hill area is currently under design and they will submit another NOI for it, so they chose at this point to prioritize replanting in the more historic part of the Park across from the Arcade. they have a landscape historian on the team.

An allee of Willows is described and will receive a nod, but willows as a monoculture are not the right species. They will be more appropriately sited, then will transition to oak and hackberry, etc.

Chair St. Louis asks about diameter for re-plantings; they will all be 2-3" caliper. Larger trees have less roots for planting, and are more risky to establish. They have been working with Jenna Ide and Brittany Dolan in the City for 18 months. The hill project is also upcoming, and the Applicant has also been looking at overall planning for the Park; there is much deferred maintenance with regards to trees. This is not the first and only Plan; strategies are to plant clusters of trees each year to balance it out. A Davey Resource Group study noted that plant size is skewed toward older trees, opposite what it should be. This is phase 1 of a systematic planting plan, based on the overall master plan.

Chair St. Louis comments that he is interested in trying to seed existing willow trees / propagate for future use to maintain that historic aspect. Historic root stock could be used to carry the tradition forward and have a stock of trees for the future. They could be offsite for the first 10 years, but he wants to call attention to it as a Parks project.

Tom Campbell asks about protection for new plantings. They will be staked but not fenced off. They will have a 2 year guarantee from the landscape contractor. Watering plans will be in place. Areas to be de-paved will be loamed and seeded, and beech restoration will be de-compacted, mulched, fertilized, seed established at some point. There will be seed establishment fence placed around those areas to take them out of public use. Tom Campbell asks about a tree recommended for removal due to parking in its dripline; all trees are coordinated w/Parks and Rec and the City Arborist. Three red trees on the hill are in poor health or dead, and two yellow are failing. They are planning to remove them as part of this project but the entire hill from Restaurant Row to courts is part of the redesign project. There used to be many more trees on the hill but they have been negatively impacted by parking, which compacts the soil, minimizing pore space, water and air transfer which trees need to succeed.

Chair St. Louis asks about telephone poles that used to be there protecting the area; DPW was consulted, and will do an early action gesture to clean up and shore up the edge to keep people off the hill. A CPA funding sign will draw attention to the restoration. CPA and capital funds will be used.

Chair St. Louis opens to the public.

Tom Cody of Memorial Dr. asks about the start date and if the Coronavirus will impact this. Also do they anticipate a completion date? Bids on tree removals from City approved tree services have been obtained; the intent is to complete removals during low usage time. They will defer to the City if the project can proceed due to COVID 19. They are finishing a package for bidding on landscape improvements, to go out in the next week, for work to be

done in the spring planting period. i.e. this work is to be completed in next 2 months. Mr. Cody asks about businesses there and if the work will impede their opening. It will not. The tree crew will guide pedestrian traffic; landscape improvement is not as significant. There may be minor path impacts for park users but not vehicular access.

Chair St. Louis notes time frame delays, and that the State has been pushing projects to October, so bat season for some species may impact restrictions. (see <https://www.mass.gov/service-details/bats-of-massachusetts> Mass Wildlife's Natural Heritage and Endangered Species Protection Program)

Recap:

- Protection of remaining trees on the hill in any capacity
- As part of package for hill, they do have explorations being done to design rehabilitation
- Any trees to remain will be designed for and cared for, improvements necessary will be incorporated. Want to prevent parking where trees were removed. Early action improvements will happen after tree removals
- Chair: try to grow stock out of current willows, can work with tree warden to figure this out

A motion to close the public hearing is made by Ricciarelli, seconded by Campbell, and passes in a roll call vote with all in favor.

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Abstain/Not present
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

Ricciarelli asks if the Commission can assist with the project in any way, noting that it recently helped w/Collins Cove but not sure how much funding is available. The Commission can recommend/support on that end,

A motion to issue an Order of Conditions with Standard Conditions is made by Ricciarelli, seconded by Campbell, and passes 6-0 in a roll call vote.

Gregory St. Louis	Yes
Dan Ricciarelli	Yes
Tyler Glode	Abstain/not present
Scott Sheehan	Yes
Tom Campbell	Yes
Bart Hoskins	Yes
Malissa Vieira	Yes

H. Greenlawn Cemetery – Public Hearing – Request for Determination of Applicability for the City of Salem Cemetery/Shade Tree Dept, 57 Orne St, Salem, MA. The purpose of the hearing is to discuss the continuation of the aquatic plant management program at Sargent and Fountain Ponds at Greenlawn Cemetery within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Present for the Applicant is Robert LeBlanc, superintendent at Greenlawn Cemetery, who outlines the logistics of the ponds and aquatic plant management program. Both ponds need to be treated for invasive and aquatic plant material. SOLitude Lake Management has been used in the past, with herbicide use completed under a negative RDA from this Commission. Continuation of the same Plan is proposed and is outlined.

Conditions (watershed, use of cemetery) have not changed over the past ten years. There are no comments from the public

A motion to close the public hearing is made by Hoskins, seconded by ? and passes

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

A motion to issue a negative 2 and a negative 6 Determination is made by Ricciarelli, seconded by Glode , and passes 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

- I. **Ferry Street and Waite Street** – Public Hearing – Request for Determination of Applicability for the Massachusetts Electric Company d/b/a National Grid, 40 Sylvan Rd, Waltham, MA. The purpose of the hearing is to discuss the proposed installation of two new utility poles on Ferry and Waite St within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Mike Toohill of Coneco Engineers & Scientists outlines the project. The logistics of the distribution system relocation are described. The area is LSCSF. It is unknown if the City Council has granted locations.

The Chair opens to the public but there are no comments.

A motion to close the public hearing is made by Ricciarelli, seconded by Campbell, and passes 7-0 in a roll call vote.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

A motion to issue a negative 2 and a negative 6 Determination is made by Tyler Glode seconded by Tom Campbell, and passes 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

J. **0 Story St Subdivision Lots A, B, & C and construction of roadway (DEP #'s TBD)**

Public Hearing – Notice of Intent for Stephen Lovely, Castle Hill Group LLC, 14 Story St, Salem, MA. The purpose of the hearing is to discuss the construction of a roadway with utilities and an onsite stormwater management system with grading at 0 Story St an area subject to the Wetlands Protection Act MGL c.131§40

and Salem Wetlands Protection & Conservation Ordinance.

Public Hearing – Notice of Intent for Stephen Lovely, Castle Hill Group LLC, 14 Story St, Salem, MA. The purpose of the hearing is to discuss the construction of a single family dwelling located at 0 Story St, Lot A (Map 23, Parcel 2) within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Public Hearing – Notice of Intent for Stephen Lovely, Castle Hill Group LLC, 14 Story St, Salem, MA. The purpose of the hearing is to discuss the construction of a single family dwelling located at 0 Story St, Lot B (Map 23, Parcel 2) within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

Public Hearing – Notice of Intent for Stephen Lovely, Castle Hill Group LLC, 14 Story St, Salem, MA. The purpose of the hearing is to discuss the construction of a single family dwelling located at 0 Story St, Lot C (Map 23, Parcel 2) within an area subject to the Wetlands Protection Act MGL c.131§40 and Salem Wetlands Protection & Conservation Ordinance.

All four items are being considered as one project however will have individual Orders of Conditions for purchase and sale agreement purposes.

Mr. Stephen Lovely is present for the Applicant. He notes that the property is at the end of Cleveland St. and they are hoping to build 3 houses for their children. They have variances from the ZBA, as the property should be zoned R1 but is not. They have met with the Fire Dept, who approved the turn at the end. The Plan was prepared by Chris Mello, Eastern Land Survey, who should be on the phone.

Chris Mello outlines the proposal:

- Grading and utilities will be in buffer zone
- Paving, curbing utilities, drainage, water sewer proposed in turnaround at end of Cleveland St.
- Less than 4 units so not subject to stormwater, but this is provided via 2 rain gardens. Sheet runoff from Cleveland St. will go to two deep sump catch basins
- All construction lined by erosion control
- The Planning Board will hear this project on May 7th
- These are paved driveways
- Raingardens and direction of flow to each of them, are further described. Roof drains will be maintained into the rain gardens
- The Chair asks about the buffer zone; the entire property other than the paved area at the end of Cleveland St. is wooded up until vegetated wetland of linear resource area; upland abuts the golf course on the other side. Other resource area boundaries are described

Discussion:

- Snow storage: guard rail can be placed to prevent pushing of snow
- Dimensional requirements, waiver from cul-de-sac, fire access, reduction of driveway width
- Reduction in paving; 25-30K sf at end of Cleveland St. previously used for overflow parking will be removed, and only 10-12K sf added back; 80% reduction in paved surface
- Closed drainage on Cleveland is proposed; currently it runs from Jefferson Ave and sheets into resource area. Two deep sump catch basins/manholes are proposed, will pipe over to (inaudible)
- Minimum cover on SDR35 is discussed. The grates in the detention areas are described
- Decks and staircases are proposed; Chair worries that individual homeowners do things they're not supposed to, but Applicant wants everything to be built in the original perimeter proposed
- Definition or limit of work - follow elevation 18 w/conservation markers? This is acceptable other than the two outfalls and is discussed at length
- Chair St. Louis comments that the Planning Board usually requires a peer reviewer and the Conservation

Commission holds off on its Decision until that peer review is in. The Applicant is unsure if they will be heard at the May 7 meeting, or will need to continue

- Plantings are discussed; Chair is in favor of planting the limit of work line to prevent lawn creep.
- ANRAD (Abbreviated Notice of Resource Area Delineation), areas excluded and logistics of the area are discussed
- A Planting Plan for the rain garden has been provided

The Chair opens to the public.

Judy Weir from St. Anne's is concerned about accessibility by vehicles to the back of the building. The back lot line will be staked, and there appears to be space to access the rear of the St. Anne's building.

Paul L'Heureux of 24 Lafayette Pl. Salem comments that the intention is to be a public way, but it falls to the City Council to accept it as such, subject to further review. Cleveland St. through the definitive subdivision process would be up for acceptance by the City Council.

A motion to continue to the May 19, 2020 meeting is made by Ricciarelli, seconded by Hoskins, and passes all in favor 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

III. OLD/NEW BUSINESS

A. 401 Bridge St. & 44 Boston St. – DEP #64-498 – Request to extend Order of Conditions.

Richard Nylen presents, noting this is the old Sylvania Site off of Bridge St, including the Community Life Center (CLC) and residential portion, and the project thus far is described. Chair St. Louis asks if it is in fact Coastal Storm Flowage as there have been previous DEP issues with this point). He recommends locking in that opinion. No relief from the previous Order is being sought, just an extension. Current state legislation may act like the 2008 Permit Extension Act, so the Commission will write our extension to be 3 years but may come with some other state-level extension.

A motion to extend the Order of Conditions is made by Ricciarelli, seconded by Hoskins, and passes all in favor 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

B. 97 Margin St – DEP #64-686 – Request for Certificate of Compliance

Marleigh Sullivan of the BC Group presents on behalf of NE Power DBA National Grid. She describes the trench survey project. The site has been fully restored.

Tom Campbell asks about the waiver of two conditions in the original Order; the ones pertaining to having an as-

built plan also certified by a PE, however all they did was excavate a trench using a vac truck, backfilled immediately, and drilled a 4" hole which was also immediately backfilled, so there was nothing to certify. The area was returned to its preexisting condition. No structures were constructed.

A motion to issue the Certificate of Compliance is made by Hoskins, seconded by Glode, and passes all in favor 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

IV. APPROVAL OF MINUTES:

February 18, 2020

Tabled until the next meeting

V. ADJOURNMENT

A motion to adjourn is made by Ricciarelli, seconded by Vieira, and passes all in favor 7-0.

Tom Campbell	Yes
Tyler Glode	Yes
Bart Hoskins	Yes
Dan Ricciarelli	Yes
Scott Sheehan	Yes
Greg St. Louis	Yes
Malissa Vieira	Yes

The meeting ends at 10:00PM

Know your rights under the Open Meeting Law M.G.L. c. 30A §18-25 and City Ordinance Sections 2-2028 through 2-2033.

Respectfully submitted,

Stacy Kilb

Clerk, Salem Conservation Commission