



Minutes

Thursday, April 20, 2023, 7:00 pm

Andover Town Offices, 36 Bartlet St. 3rd Floor Conference Room B

Dr. Joyce Losick-Yang
Mary Pritchard
Harry Voorhees*
Anna Du*
Amy Latva-Kokko*
Aseem Junega*
Jonathon Unger*
Willow Cheeley*
Mike Sullivan

1. February 22 Minutes approved 4 - 0 - 1

May 24th Wednesday - next meeting

2. Andover Sustainability Resolution - Mary Pritchard - reviewed by 16 community groups

a. Vote to approve updated Andover Sustainability Resolution **Passed 6-0-0**

3. Speakers in support of warrant articles at **Town Meeting Monday May 1st, 2nd at 7pm and Tuesday May 2nd at 7pm**

a. Amy will go to mic in support of it.

b. Reviewed video by Joyce and Janet Nicosia about Articles 30-33 which have an estimated combined savings of \$1.2 million in operating costs, 6900 tons carbon emissions reduction

i. Harry will work on statement and circulate

c. Parking resolution is being reduced

d. Zoning recodification - still relayed.

e. **Tue 4/25 at 7pm there is a Q&A session for warrant articles**



4. Sustainability Coordinator's Report (Joyce)

a. Municipal Vulnerability Preparedness program (MVP) 2nd stage for funding resilience

- i. Hydraulic and hydrological study of Shawsheen River 26 miles
- ii. Develop flood storage - how much
- iii. Dam in and dam out - Ballardvale dam - eels and salmon
- iv. Privately owned

b. Regional Climate Action Community Meeting April 27 6:30-8:30pm

- i. Brickstone property is a promising parcel - giant parking lot not heavily utilized could
- ii. Green infrastructure - would be good for Lawrence
- iii. Kids 8-13 activities and healthy snacks available

c. Rain barrel drive April 27th 3:30-5:30 5 Campanelli Drive

- i. Rain water from your roof?
 - 1) Safe for horticulture for vegetables
 - 2) Rutgers University research
 - 3) Rinse with clorox each year

d. AGAB Earth Day clean up - Sunday April 30th 9am-12

- i. Choose any neighborhood
- ii. Bailey Road was discussed.

e. Joyce wrote a grant to make Sanborn into net zero school from DOE for 8.5 million, will find out in July.

- i. built in 1962 - if you can make it work
- ii. 76 kBtu/sf with potential to go to 25 kBtu
- iii. Energy savings \$79,000 to <10k
- iv. 200 metric tonnes per year
- v. Shoot for MERV 13 filtration
- vi. Currently only 3 rooms (media, library and offices) have cooling



- vii. Asking DOE for \$8.5 million bipartisan infrastructure act- have to buy American
- viii. Solar Design Associates
- ix. Work force training program- Lawrence Technical School
- x. Summer program - great time to have contractors to bring in - grant will pay for the class and pay contractors
- xi. 55 wells at 500 - going to do two test wells- under parking lots or under fields
- xii. Anticipated life of geothermal wells 50 years, inside 20-30

5. Climate Action Plan Steering Committee update (Jon)

- a. Pfizer and Schneider Electric - both receptive and making strides
- b. Willing to work with peers
- c. More interest in green bonds for pollution reduction
- d. Barriers:
 - i. Many do not own the buildings where they do business -
 - ii. 1/4 of homes in Andover are not owned by residents
 - iii. Another barrier where owner does not live locally
- e. Climate Action plan survey
- f. Wesson and Sampson are gathering info for 5 sectors
 - i. Buildings, energy mobility, land and community and waste
- g. Net zero new buildings- adoption of Net zero code
- i. Residential heat pump program - coaches
- h. Municipal loan fund for LIM
- i. Geothermal utility for
 - i. Decarbonizing energy supply to advocate for
 - ii. Elec generation from rivers
 - iii. EV charging
- j. Critical supply lines underground



- k. Active transportation plan
 - i. Complete street
 - ii. Increase use of
 - iii. Pilot of e-bike
 - l. Charging stations at condos
 - m. Preference to municipal vendors that have sustainable practices
 - n. Climate change, clean energy into school curricula
 - o. Public health - indoor and outdoor - gas powered leaf blowers, gas stoves
 - p. Education and training
 - i. DPW ecological design
 - ii. Amend bylaws for low impact development
 - iii. Replant conservation
 - iv. Bury power lines
 - v. Implement nature based solutions
 - vi. Remove invasive plantings
 - q. Waste:
 - i. Teach people to repair
 - ii. Right to repair laws
 - iii. Biweekly trash and weekly recycling
 - iv. Weekly food waste pick up
 - r. Water efficiency - incentivizing rain barrels
 - i. Restrict watering
 - ii. Land acknowledgment
 - s. Net zero ghg reduction goals
 - t. Climate survey had 480 respondents
 - u. PACE loans - approach developers e.g. Alexandria buildings
 - v. \$87,000 fee, 9 months,
6. Shawsheen River Master Plan Update (Willow)



- a. A couple proposals were not well -received and missing some climate issues
 - b. Accessibility and
 - c. Clear cut existing to put in lawn
7. CIP submission template - how does this relate to Sustainability?
8. How we decide what we do with our land- traffic, housing density, how to permit
- a. Site a development so people can walk there
9. Bikeway along Shawsheen- incredible resource vs. how integrated into larger land use pattern
- a. Do we have enough money in the active transportation plan for a survey?
 - b. Impact on riparian pathway
 - c. Bike path to store
 - d. What impact will this have on habitat, what impact will it have on riparian buffer?
 - e. Littleton NH example of bike paths - good sense of place
10. Specialized Code - 6 Towns have adopted it, on the warrant articles for many towns.
11. Housing requirements at train stations - Monica transportation planner
- a. Andover Commons
 - b. Ballardvale- not easy to meet density
 - i. How to allow development by right
 - ii. Old train station - take 1 station