



LEBANON CONSERVATION COMMISSION
JULY 14, 2022 - 6:30 PM
COUNCIL CHAMBERS, CITY HALL OR
REMOTE VIA VIRTUAL PLATFORM
LEBANONNH.GOV/LIVE

-
- 1. Call to Order**
 - 2. Approval of Minutes**
 - A. June 9, 2022
 - B. June 9, 2022 - Non Public
 - C. June 28, 2022 - Site Walk
 - 3. Permit Review**
 - A. None
 - 4. Study Items**
 - A. Review and Discussion of the Eagle Ridge Open Space configuration (20 minutes)
 - B. Farnum Hill Preserve - Rogue Trail (20 minutes)
 - C. Master Plan Update - Actions & Strategies Status - Continued (45 minutes)
 - 5. Committee Reports**
 - A. **Reports from other committees:**
 - Conservation Lands Monitors (10 Minutes)
 - Lebanon Biodiversity Group (10 Minutes)
 - Workshops & Educational Opportunities (10 Minutes)
 - 6. Other Business**
 - 7. Future Agenda Items**
 - A. City of Lebanon Draft Strategic Plan
 - B. Continued Review of Chapter 52 - Conservation Land Regulations (5 minutes)
 - C. Continued Review of the Con Com's Rules of Procedure (10 minutes)
 - 8. Open to the Public**
 - 9. Adjournment**

The order of agenda items is subject to change.

Meetings are open for in-person and remote attendance. Members of the public that wish to attend remotely may do so by going to LebanonNH.gov/Live where you will find instructions on how to enter the meeting. Members of the public will be able to participate and ask questions through the City's virtual platform or by phone. Please note: Should technical difficulties occur during the meeting that disrupts virtual or phone connection(s), the meeting will continue without remote access capabilities.

**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #2A
Approval of Minutes**

JUNE 9, 2022

DRAFT

CONSERVATION COMMISSION
REGULAR MEETING MINUTES

Remote Via Microsoft Teams

LebanonNH.gov/Live

June 9, 2022

6:30 PM

MEMBERS PRESENT: Sarah Riley (Chair), Erling Heistad, Ernst Oidtmann, Barbara Hirai (Alt.), Chris Johnson, Susan Almy, Donald Lacey, Bruce James (Vice Chair)

MEMBERS ABSENT: Megan Smith (Alt.), Darla Bruno (Alt.),

STAFF PRESENT: Mark Goodwin (GIS Coordinator)

ALSO: Councilor Devin Wilkie

1 **1. CALL TO ORDER – Chair Riley called the meeting to order at 6:33 PM**

2
3 **2. APPROVAL OF MINUTES: May 12, 2022**

4 *Mr. Oidtmann MOVED to approve the May 12, 2022 minutes, as amended.*
5 *Seconded by Mr. Heistad.*

6
7 *Page 3, Line 33,35,39,43: Change “siting”*

8 *Page 4, Line 30: Change “Construction” to “Conservation”*

9 *Page 6, Line 19: “LCIP”*

10 *Page 3, Line 2: change “Strategy 6” to “Strategy 9”*

11 *Page , Line 44-45: change to read, “Ms. Hirai stated that someone had recently cleared a trail*
12 *that commissioners had tried to block on the Trues Brook Property”*

13
14 ** The Vote on the MOTION was approved (7-0-0).*

15
16 **3. PERMIT REVIEW**

17 **A. None**

18
19 **Public meeting at 4pm on June 28th at Marie’s Way**

20
21 **4. NON-PUBLIC STUDY ITEM**

22 **A. Non-Public Session:** The Lebanon Conservation Commission will convene in a non-
23 public session under the terms of RSA 91-A: 3 II (d) Consideration of the acquisition,
24 sale, or lease of real or personal property

25
26 *Ms. Almy MOVED that the Lebanon Conservation Commission will convene in a non-*
27 *public session under the terms of RSA 91-A: 3 II (d) Consideration of the acquisition, sale,*

1 or lease of real or personal property.

2 *Seconded by Mr. Heistad.*

Roll Call vote: Sarah Riley – aye; Erling Heistad – aye; Ernst Oidtmann – aye; Chris Johnson – aye; Susan Almy – aye; Donald Lacey – aye; Bruce James - aye

3 *The Vote on the MOTION was approved (7-0-0).*

4 5 **4. STUDY ITEMS**

6 **A. Master Plan Update – Actions & Strategies Status – Continued**

7 Chair Riley suggested that the Commission review the strategies and actions listed under
8 Outcome #1 to determine if they are placed correctly. Outcome #1 is overarchingly about land
9 protection. There are natural resource items that play into other departments and commissions in
10 the City and so these items need to be well documented within the Master Plan. She requested
11 that an updated draft be sent to each Commissioner after discussions are completed.

12
13 The Commission agreed to amend Outcome #1 to read: “A balanced approach to protecting the
14 City’s natural resources.” Mr. Goodwin noted that there is value in catching this today, but the
15 Master Plan is not currently being rewritten at this time.

16
17 The Commission reviewed the blue items on the list, beginning with Outcome #1.

18 1.S.3 – moved to yellow status

19 1.S.12 – better addressed in the Energy Chapter

20 1.S.13 – better addressed in the Land Use or Transportation Chapter

21 1.S.14 – better addressed in the Energy Chapter

22 1.S.16 – better addressed in the Transportation Chapter

23 1.S.17 – better addressed in the Community Facilities Chapter

24 1.S.18 – better addressed in the Energy Chapter

25
26 1.A.12 – use to spawn a new action under Outcome #2

27 1.A.18 – better addressed in the Energy Chapter

28 1.A.19 – better addressed in the Energy Chapter

29
30 2.S.1 - better addressed in the Land Use Chapter if not already there, and consider an amendment
31 to include turbidity and erosion pre/post construction

32
33 The Commission agreed to move onto other agenda topics at this time.

34 35 **B. Farnum Hill Preserve – Rogue Trail**

36 37 **C. Con Com Trail Coordinator Update – NH Recreational Trails Program grant application**

38
39 Mr. James gave his Trail Coordinator update. There was a Zoom meeting this afternoon
40 regarding reopening the West Lebanon trail from the Fore-U ice cream shop to Best Buy. Chair
41 Riley stated that she hopes those guiding the residents in this project are well-informed.

42 43 **5. COMMITTEE REPORTS**

A. Reports from other committees:**--Conservation Lands Monitors (Various Members)**

The Tree Crawl, Wild About Lebanon Walk, was a success. The next Wild About Lebanon event will be an Indian Ridge hike led by Ron Bailey on Friday, June 17th at 10am.

Chair Riley stated that there was a meeting at the East Wilder Conservation Area with an easement steward from the Society of the Protection of NH Forests.

There was a meeting on May 30th with a steward from the Conservation Steward Program at the Alana Cole property regarding properties purchased with LCIP funds. A report from the steward can be shared with the group.

Ms. Almy MOVED to extend the meeting by 15 minutes.

Seconded by Mr. Lacey.

** The Vote on the MOTION was approved (7-0-0).*

The Heritage Committee is interested in placing signs at certain paths along the Rail Trail and other points in town, including the Mill property. A joint meeting between the two groups might be useful.

Mr. Johnson noted that there are some incidences of camping recently at the Mill property. There may need to be better signage that this is disallowed on the parcel.

The group is working with the Recreation Department to determine how best to deal with garlic mustard.

There was discussion regarding a project at the Glen Road Dam. It was noted that some Commissioners might like more information about this at a future meeting.

--Lebanon Biodiversity Group (D. Lacey)**--Workshops & Educational Opportunities (Various Members)****6. OTHER BUSINESS****7. FUTURE AGENDA ITEMS****A. Continued Review of Chapter 52 – Conservation Land Regulations****B. Continued Review of the Con Com's Rules & Procedure****8. OPEN TO THE PUBLIC**

An email from Amelia Sreen was read into the record.

There is an effort in the City to actively engage a Tree Warden and another group working on an ordinance regarding how trees are maintained within the City's rights of way. Chair Riley stated that she would like to prioritize a tree inventory, specifically an ash tree inventory.

1
2 **9. ADJOURNMENT:**
3 **The meeting was adjourned at 9:18 PM.**
4
5 Respectfully submitted,
6 Kristan Patenaude
7 Recording Secretary

**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #2B
Approval of Minutes**

JUNE 9, 2022 – Non Public

Official - Minutes

CITY OF LEBANON
CONSERVATION COMMISSION

June 09, 2022
City Hall, City Council Chambers

NON-PUBLIC SESSION - Nonpublic Session Per RSA 91-A:3 II (d) - Consideration of the acquisition, sale or lease of real or personal property.

Motion by Susan Almy to enter into non-public session in accordance with RSA 91-A:3 II (d) - Consideration of the acquisition, sale or lease of real or personal property. Seconded by Erling Heistad.

****The motion passed 7-0 by roll-call vote as follows: Riley, aye; Heistad, aye; Oidtmann, aye; Johnson, aye; Almy, aye; Lacey, aye; James, aye.***

The Commission entered non-public session at 6:52 p.m.

An email from Upper Valley Land Trust representative Peg Merrens was read to the ConCom Members, essentially providing a very general update that wetland mitigation, as well as a potential project to funded by the Aquatic Resource Mitigation (ARM) Fund continued to be explored.

Susan Almy moved to exit the non-public session. Seconded by Erling Heistad.

****The motion passed 7-0 by roll-call vote as follows: Riley, aye; Heistad, aye; Oidtmann, aye; Johnson, aye; Almy, aye; Lacey, aye; James, aye.***

The non-public session adjourned at 7:06 pm.

Respectfully submitted,
Mark Goodwin
Planner / GIS Coordinator

**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #2C
Approval of Minutes**

JUNE 28, 2022 – Site Walk

DRAFT - Minutes

CITY OF LEBANON
CONSERVATION COMMISSION

June 28, 2022
Farnum Hill – Site Walk

MEMBERS PRESENT: Sarah Riley (Chair), Erling Heistad, Ernst Oidtmann, Barbara Hirai (Alt.), Susan Almy, Donald Lacey, Bruce James (Vice Chair)

MEMBERS ABSENT: Chris Johnson; Darla Bruno (Alt.),

STAFF PRESENT: Mark Goodwin (GIS Coordinator); John Tietjen, Conservation Ranger

The group initiated a trail hike from the kiosk located at Marie's Way. They walked up the Slayton Hill trail, and then on to an existing "rogue trail" that connects to the Aspinwall Ridge trail. The objective of the site walk was to assess the pros & cons of adding the rogue trail to the official Farnum Hill trail network. The site walk concluded at approximately 6:10 pm.

Respectfully submitted,
Mark Goodwin
Planner / GIS Coordinator

**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #4A
Study Items**

Review and Discussion of the Eagle Ridge Open Space configuration

001812

Plan # 7912

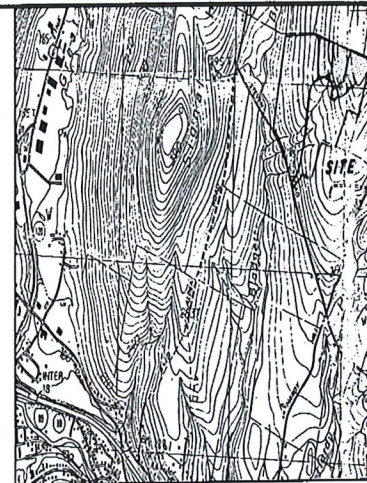
2:51 PM JUL 3 1994

K.A. LECLAIR ASSOC., INC.
HANOVER, NH 03755

PLAN # 7912

SHEET 3 OF 4

DOROTHY M. & FRANCIS H. SAYLES, JR.

DOROTHY M. & FRANCIS H. SAYLES, JR.
RFD 1 BOX 399 LEBANON, NH 03766TRUE NORTH
BY SOLAR OBSERVATION

LOCUS MAP

MEREDITH C. & JOHN A. BALL, JR.
RRI BOX 409 LEBANON, NH 03766JESSE G. JOSEPH & VIRGINIA BARDEN
RDF HARDY HILL ROAD LEBANON, NH 03766

JAN 10 1994

CIVIL ENGINEER

J. B. BROWN

DATE

JAN 25 1994

TIME 11:20 AM

GENERAL NOTES:

1. ZONED RL2
2. TAX MAP 10 LOT 60
3. TOTAL AREA - 20.13 ACRES
4. DRAINAGE EASEMENTS ON ALL NATURAL EXISTING WATER COURSES AND FROM CONSTRUCTED CULVERTS AS WATER FLOWS.
5. EXISTING WELLS TO BE PROPERLY CAPPED.
6. IN THE EVENT A WELL IS TO BE UTILIZED WITHIN 75' OF A PROPERTY LINE, THE NEIGHBORING PROPERTY OWNER MUST GRANT AN EASEMENT.



"This plan shows the Minor Lot Line Adjustment / Boundary Agreement and does not require the approval of the Lebanon Planning Board as a subdivision."

I HEREBY CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT SHOWN HEREON AND THAT THIS PLAT IS MADE IN ACCORDANCE WITH THE FIELD NOTES OF SAID SURVEY.

MINOR LOT LINE ADJUSTMENT/BOUNDARY AGREEMENT

FIRST VERMONT BANK
EAGLE RIDGE DEVELOPMENT
STEVENS ROAD GRAFTON COUNTY LEBANON, NH.
OCT. 23, 1993 SCALE 1"=100'
REVISED DEC. 9, 1993
REVISED JAN 11, 1994 PROJ. NO. 3810926
K.A. LECLAIR ASSOC., Inc. Civil Engineers
HANOVER, N.H.

OWNER / APPLICANT

FIRST VERMONT BANK
PO BOX 2429
WEST BRATTLEBORO, VT. 05303

K. G. L. CLAIR

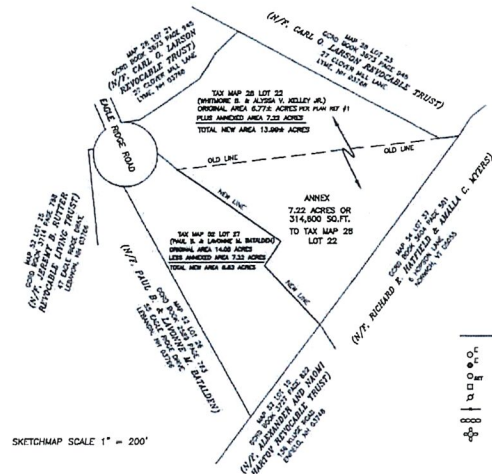
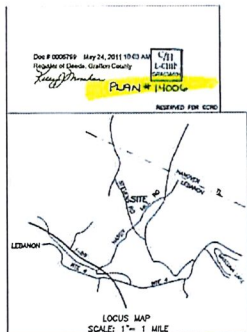
MAP SYMBOLS

- EXISTING IRON ROD
- SET IRON ROD
- STORM CATCH BASIN
- DRAINAGE CULVERT & PIPE DIA.
- UTILITY POLE
- SET GRANITE BOUND
- STONE WALL
- WIRE FENCE
- (10-7) TAX MAP & LOT NUMBER

0 100 200 300 400 500

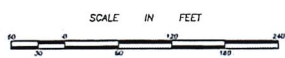
NOTES:

1. Field survey by closed traverse with Theodolite and EDM.
2. Bearings shown hereon are referenced to True North.



- LEGEND**
- ○ ○ IRON PIPE EXISTING
 - IRON PIN EXISTING
 - IRON PIN SET
 - GRAVEL DRIVE
 - UTILITY POLE
 - WIRE FENCE
 - STONE WALL
 - IRON PIN IN STONE PILE

- PLAN REFERENCES**
- 1) PLAN REF. "FIRST VORONK BANK EAGLE RIDGE DEVELOPMENT" SUBMITTED BY KENNETH A. LUTHEAR DATED 1/11/1998 AND RECORDED IN GORD PLAN #7912
 - 2) PLAN REF. "LOT LINE ADJUSTMENT FOR PAUL B. & LAVONNE M. BATALDON" SUBMITTED BY THE OFFICE DATED 11/4/2010 AND RECORDED IN GORD PLAN #13975.



THIS PLAN SHOWS THE MINOR LOT LINE ADJUSTMENTS/REBOUNDING LINE ADJUSTMENT AND DOES NOT REQUIRE THE APPROVAL OF THE LEBANON PLANNING BOARD AS A SUBDIVISION SEE SUBDIVISION REGULATIONS SECTION 8.1.D

THE SUBDIVISION REGULATIONS OF THE CITY OF LEBANON AND THE NOTICE OF ACTION ARE A PART OF THIS PLAN. APPROVAL OF THIS PLAN REQUIRES THE COMPLETION OF ALL THE REQUIREMENTS OF THE NOTICE OF ACTION AND SAID SUBDIVISION REGULATIONS EXCEPTING ONLY ANY MODIFICATION OR CHANGE SET FORTH IN THE NOTICE OF ACTION.

APPROVED BY THE PLANNING BOARD OF LEBANON, N.H.

DATE _____

CHAIRPERSON _____

TAX MAP 28 LOT 22
 (WHITMORE B. & ALYSSA V. KELLEY JR.)
 ORIGINAL AREA 6.772 ACRES PER PLAN REF #1
 PLUS ANNEXED AREA 7.22 ACRES
 TOTAL NEW AREA 13.992 ACRES

PLAN REF. #1
 MAP 28 LOT 22
 GORD BOOK 3413 PAGE 869
 (N/P. WHITMORE B. & ALYSSA V. KELLEY JR.)
 PO BOX 181
 LEBANON, NH 03766

TAX MAP 32 LOT 27
 (PAUL B. & LAVONNE M. BATALDON)
 ORIGINAL AREA 14.00 ACRES
 LESS ANNEXED AREA 7.22 ACRES
 TOTAL NEW AREA 6.78 ACRES

ANNEX
 7.22 ACRES OR
 314,800 SQ.FT.
 TO TAX MAP 28
 LOT 22

- PROPERTY INFORMATION**
- 1) TITLE REF. - MAP 32 LOT 27 - GORD BOOK 3088 PAGE 354, PART OF GORD BOOK 3224 PAGE 299 & PART OF GORD BOOK 3088 PAGE 332.
 - 2) TITLE REF. - MAP 28 LOT 32 - GORD BOOK 3413 PAGE 869.
 - 3) BOTH PARCELS RESIDE IN THE #2 ZONING DISTRICT.
 - 4) ANNEX AREA IS PART OF GORD BOOK 3088 PAGE 334 & PART OF GORD BOOK 3224 PAGE 299.

LOT LINE ADJUSTMENT

PAUL B. & LAVONNE M. BATALDON TO
 WHITMORE B. & ALYSSA V. KELLEY JR.
 EAGLE RIDGE ROAD LEBANON, N.H.
 SOUTHERN COUNTY

OWNER: PAUL B. & LAVONNE M. BATALDON
 55 EAGLE RIDGE ROAD
 LEBANON, NH 03766

BUYER: WHITMORE B. & ALYSSA V. KELLEY JR.
 PO BOX 181
 LEBANON, NH 03766

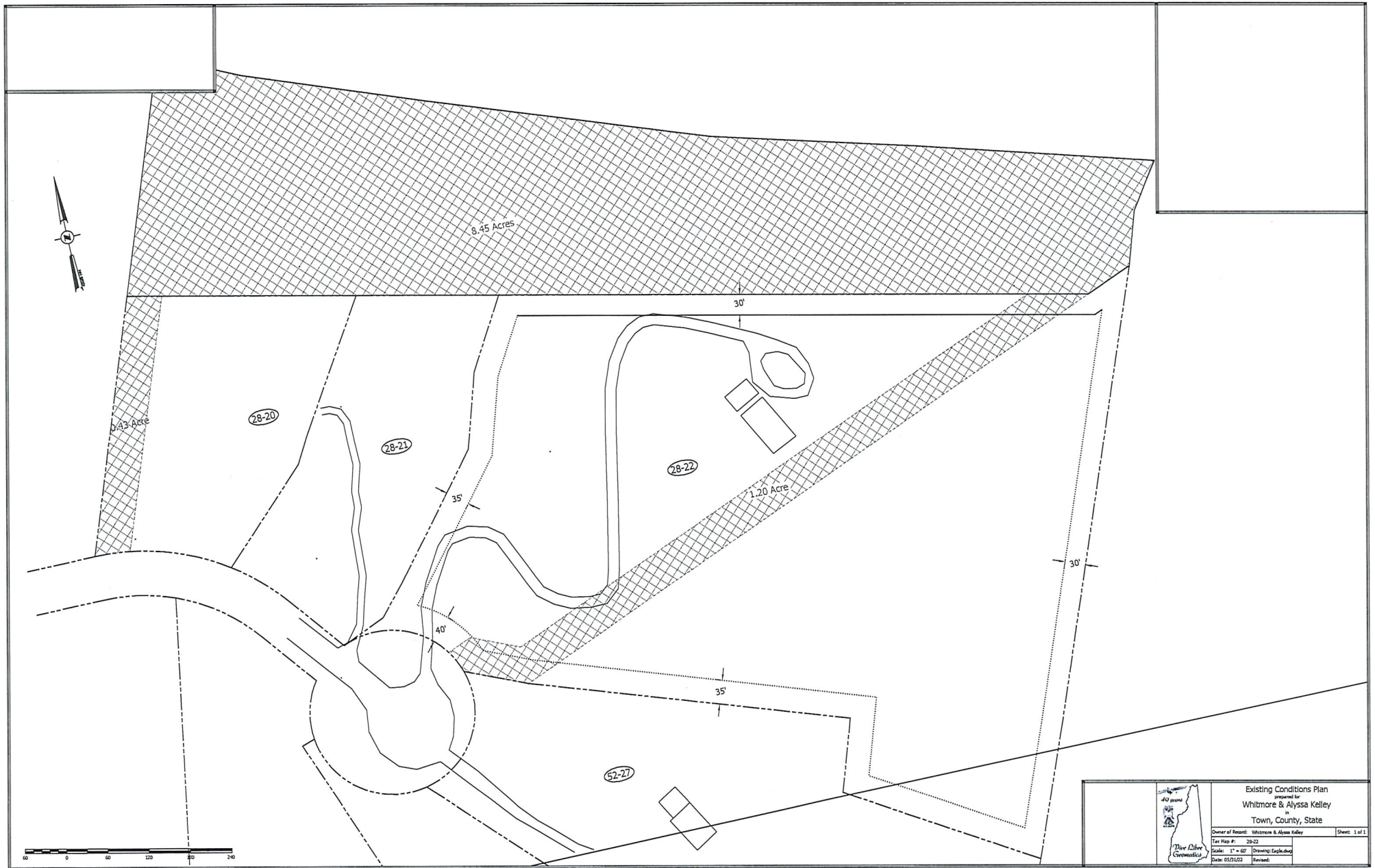
SCALE: 1" = 60'
 DATE: 3/13/2011
 REVISED DATE(S):

PROJECT NO.: C-LEBANON/BATALDON-K
 FROM OFFICE OF: THOMAS C. DOMUROSKI, L.L.S.
 15 WENTWORTH ST.
 CLAREMONT, N.H. 03743
 603-542-2218



DRAWN BY: PTD SIF #561
 CHECKED BY: TCD

LEBANON PLANNING BOARD
 APPROVED: 4/6/11
 CHAIRMAN: [Signature]
 DATE OF SIGNATURE: 5/9/11
 TIME: 6:15 PM



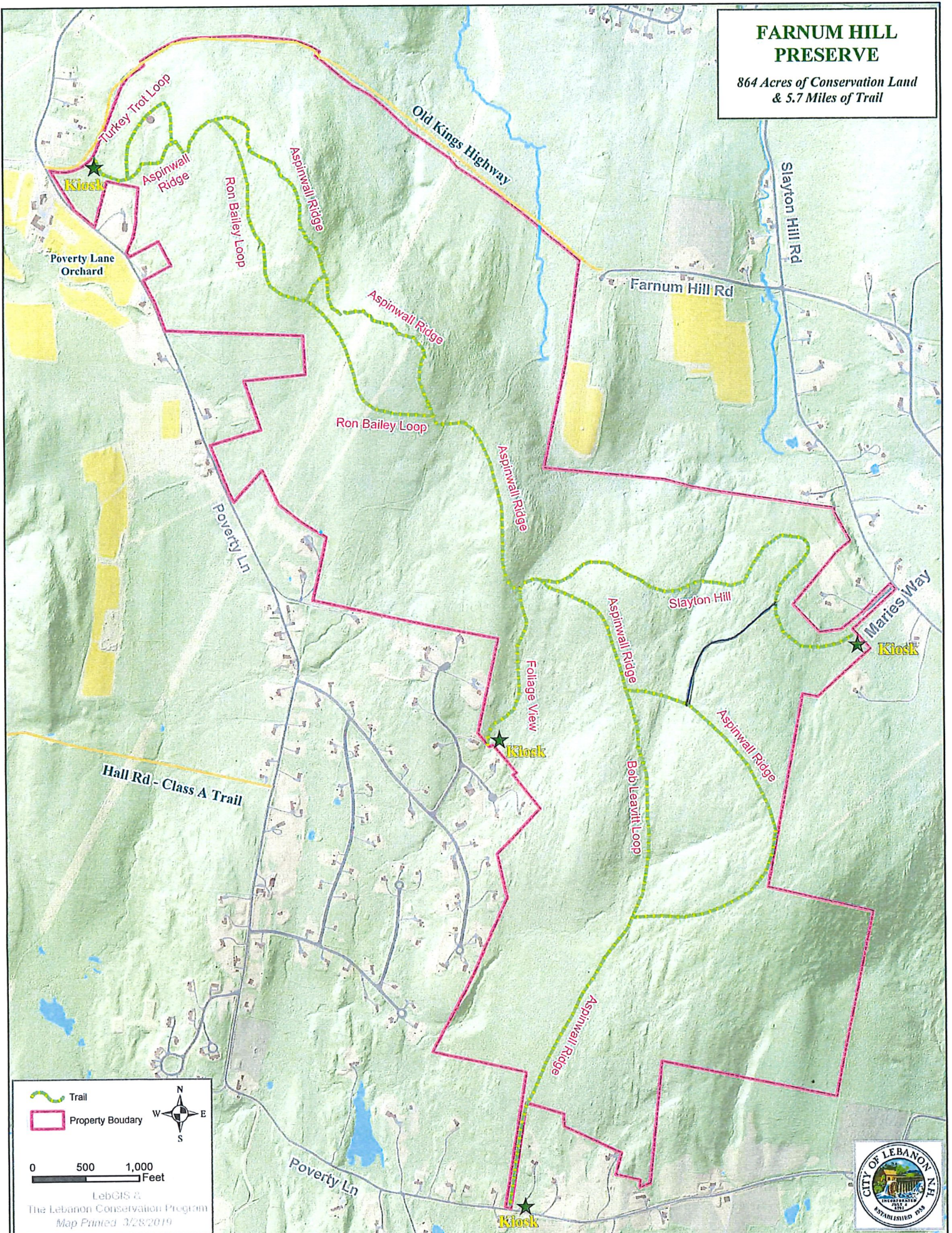
**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #4B
Study Items**

Farnum Hill Preserve – Rogue Trail

FARNUM HILL PRESERVE

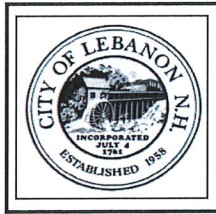
864 Acres of Conservation Land
& 5.7 Miles of Trail



**Agenda
Conservation Commission
July 14, 2022**

**Agenda Item #4C
Study Items**

Master Plan Update – Actions & Strategies Status



CITY OF LEBANON ~ PLANNING & DEVELOPMENT

MEMORANDUM

TO: Conservation Commission

FROM: Mark Goodwin, Senior Planner/GIS Coordinator

RE: Review and Update of Master Plan Chapter 5: Natural Resources

DATE: June 16, 2022

Conservation Commission members,

To increase the efficiency related to the review and update of Chapter 5 of the Master plan, the following has been developed to help facilitate the review:

- Attached to this memo is a 5 page document that contains all of the Chapter 5 strategies and action (S&A) items. Each S&A has been categorized with a status descriptor that aligns with the “color coding” approach utilized in previous representation. As the goal of the MP review and update speaks to the status of each item, with no bearing as to how they are organized, the sort order is strictly a reflection of the assigned status.
- As a refresher, we have the following status categories:
 - **Address moving forward** = equates to an S&A that has not been addressed to date, or at best minimally addressed, and the ConCom has provided feedback they would like to examine the item more closely and likely pursue additional measures of implementation.
 - **Complete** = an S&A that has been completed.
 - **Complete-partially** = mostly completed but some additional work to be completed.
 - **Eliminate** = item is redundant, or no longer relevant or desirable.
 - **Ongoing** = there likely has been some engagement in this item but it will remain as an ongoing initiative into the foreseeable future.
 - **Ongoing – move** = identical to the “ongoing” item with the exception that it is more logical to have it located in a different chapter within the MP.

The **Address moving forward** and **Ongoing -move** items have been reviewed by the ConCom, including some feedback generated that appears in the 2022 Status Note column. There will be ample opportunity to revisit these items beyond the completion of this exercise.

The **Ongoing**, **Complete**, and **Complete-partially** items have not been reviewed to date. During the July 14th meeting, as opposed to going item by item, ConCom members are being instructed to review and generate any questions in advance of the meeting. During the meeting, we will simply move through the three categories with an opportunity for each member to ask questions, make recommendations, etc.

To reiterate, **the Action Item for the July 14th meeting** includes ConCom members simply conducting a cursory review of the **Address moving forward** and **Ongoing -move** items, as we have already reviewed such, and then conduct a more thorough review of the **Ongoing**, **Complete**, and **Complete-partially** items and come prepared with any questions, comments, feedback, etc., We will move category by category in an effort to complete the MP Chapter 5 update process.

Don't hesitate to reach out to me prior to the meeting if you have any questions.
(mark.goodwin@lebanonnh.gov)

MASTER PLAN ID -
STRATEGY/ACTION

N [ID is chapter#, Outcome#,
followed by a Strategy or an
Action#]

	DESCRIPTION - STRATEGY / ACTION	2022 Status	2022 Status Note
5.1.S6	Encourage the creation of a private conservation council to act with no personal benefit to acquire easements or purchase property in situations where the City may not be able to respond quickly to a priority parcel because of legal or other constraints.	address moving forward	ConCom to examine whether such an effort would be redundant with existing organizations, e.g. SPNHF, UVLT, etc
5.1.S9	Support efforts to establish more scenic roads.	address moving forward	ConCom could engage in making recommendations to the PB(?) or City Council
5.1.A14	Adopt a ridgeline ordinance to protect ridgelines from poorly sited development and consider including hillsides and wildlife corridors to lowlands	address moving forward	ConCom could engage in making recommendations to the PB(?) or City Council(?) Pln Office to serve as point person
5.1.A15	Adopt lighting standards that minimize sky glow and glare.	address moving forward	A dark sky policy? Perhaps initiated or encouraged by the ConCom but likely a Planning task
5.1.A16	Develop and approve a wind turbine ordinance to enforce the appropriate siting and design of wind turbines.	address moving forward	Recent Zoning amendments may have addressed this. If more work to be done, ConCom could engage in making recommendations to the PB(?) or City Council(?) Pln Office to serve as point person
5.1.A17	Develop and approve a telecommunications ordinance to enforce the appropriate siting and design of telecommunications towers.	address moving forward	Recent Zoning amendments may have addressed this. If more work to be done, ConCom could engage in making recommendations to the PB(?) or City Council(?) Pln Office to serve as point person
5.2.S7	Continue alliances with neighboring communities and regional organizations, such as the Mascoma Watershed Conservation Council, to foster cooperation in protecting water bodies and watersheds.	address moving forward	the identification of partners, lead and supporting roles, as well as existing efforts, as well as existing efforts and need for additional efforts
5.2.S8	Develop and disseminate public education materials regarding the importance of protecting our water supply sources.	address moving forward	Can be in concert with 5.2.S7, as well as ConCom taking lead on a education information distribution effort
5.2.S25	Continue formal cooperative planning among adjacent communities through the Upper Valley Lake Sunapee Regional Planning Commission and other organizations like the Mascoma Watershed Conservation Council.	address moving forward	Likely to be categorized as ongoing. Hanover ConCom another potential partner
5.2.S30	Continue to work with the School Board to provide a curriculum within the schools that involves education about and access to the waterways within Lebanon, and the City's conservation lands.	address moving forward	Is the ConCom interested and available to advance this?
5.2.A4	Create source water overlay for existing drinking water sources based on the Model Rule for the Protection of Water Supply Watersheds and the 1999 Mascoma Watershed study.	address moving forward	ConCom could encourage initiative but likely a DPW WTP task?
5.2.A5	Develop and adopt an aquifer protection overlay district to more strictly regulate development adjacent to potential drinking water sources.	address moving forward	ConCom could encourage initiative but likely a DPW WTP task? Majority of aquifers already heavily developed
5.2.A6	Conduct land use and environmental constraints studies of the Mascoma River, Stoney Brook, Hardy Hill Brook, and Blodget Brook corridors to guide appropriate development in order to protect drinking water supplies.	address moving forward	
5.2.A8	Develop an ordinance more stringent than that developed by Federal Emergency Management Agency to restrict development or filling in of floodplains to provide flood storage, water quality protection, and wildlife habitat adjacent to waterways.	address moving forward	ConCom could encourage initiative but likely a PB/PLN-Office/DPW Task?
5.2.A9	Request updated flood hazard mapping by FEMA, as recommended in the 2002 Connecticut River Corridor Management Plan.	address moving forward	ConCom could encourage initiative but likely a PB/PLN-Office/DPW Task?
5.2.A12	Explore the expansion of the Steep Slope Overlay District.	address moving forward	ConCom could encourage initiative but likely a PB/PLN-Office Task?
5.2.A15	Identify selected Class VI Roads as part of the green infrastructure trail system.	address moving forward	ConCom could encourage the dissemination of information or resources to highlight certain C6 roads as to their value for hiking trails
5.2.A18	Develop and adopt an urban tree ordinance to protect urban and residential trees.	address moving forward	Likely to be addressed by the Lebanon Tree Advisory Board
5.2.A20	Develop a wildlife habitat overlay zone for critical habitat areas, including deer yards, bear habitat, vernal pools and wildlife corridors.	address moving forward	Is a regulatory approach the best approach? Or volunteer conservation measures?
5.2.A21	Inventory areas that have been impacted by invasive species and develop a plan to address these areas including eradicate	address moving forward	Targeting a species like wild chervil, occurring along roadway corridors, would be a logical approach

5.1.S4	Require open space or conservation design for all ecologically important land.	complete	
5.1.S11	Review lighting design elements of development proposals to ensure that adequate minimal lighting is planned, but over lighting is avoided.	complete	Site Plan regulations have been updated and can continue to be
5.1.A1	Develop an Open Space Plan, with public participation, that will inventory natural and cultural features, and recommend green space corridors for continued wildlife habitat and for the benefit of residents.	complete	
5.1.A5	Authorize the Conservation Commission to periodically review all city-owned property and to recommend what land should have conservation easements.	complete	ConCom engages in a review of City owned parcels to determine if there are candidates for OS protection.
5.1.A8	Contract with a licensed forester to work with the Conservation Commission in developing forest management plans.	complete	The services of a Licensed forester were engaged to write management plans for Boston Lot and Signal Hill
5.2.A2	Develop and adopt a variable width buffer zone along select streams and rivers.	complete	
5.2.A11	Adopt a variable width wetland buffer zone, as appropriate, based on functions and values as recommended by Buffers for Wetlands and Surface Waters: A Guidebook for NH Municipalities.	complete	
5.2.A16	Resume and publicize the "Wild about Lebanon" program and its regularly scheduled volunteer-led informational walks to City parks.	complete	
5.2.A22	Hold annual tours of City parks and conservation lands for City Council members and all other City boards.	complete	The Wild About Lebanon tours are opportunities for City Council and other board members to visit properties
5.1.A2	Explore voluntary land protection measures on Tipping Rock, Rix Ledges, Devil's Kitchen, and Granite Flumes to protect the unique geological features of those areas.	complete-partially	Devil's kitchen remains unprotected but a open space priority
5.1.A4	Adopt a policy whereby the Recreation Department and Conservation Commission as well as the School Board are notified when the City acquires or decides to sell property, or when land is offered to the City.	complete-partially	ConCom engages in a review of City owned parcels to determine if there are candidates for OS protection. Policy as to whom is included in the review of pending or proposed sales of City property is a Council decision
5.2.S22	Protect existing wildlife corridors, such as the one across Route 120 and Mt. Support Road, with guidance from wildlife biologists.	complete-partially	ConCom to encourage City Administration to remove additional sections of fencing
5.2.A1	Review site plan and subdivision regulations and update with the following components incorporating standards from the Stormwater Management and Erosion and Sediment Control Handbook: erosion/sedimentation control; on-site stormwater treatment; proper road design; minimize impervious surfaces.	complete-partially	Site Plan regulations have been updated; sub-division regulations?
5.2.A14	Update maps of existing trails and make them available to the public.	complete-partially	Updated Kiosk maps ongoing; Ticknor Trail network is a draft representation
5.1.S7	Develop a land acquisition/conservation easement program to protect scenic views.	eliminate	redundant
5.1.S10	Discourage exterior area illumination of prominent physical features and landscapes that dramatically impact the nighttime landscape.	eliminate	redundant with 5.1.A.15
5.1.A9	Adopt and implement appropriate logging guidelines to encourage best management practices (BMPs) for logging in the city-owned forested areas.	eliminate	redundant with 5.1.A.8
5.2.A10	Inventory and legally designate prime wetlands for special protection.	eliminate	CoL has opted to adopt local wetland protection measures
5.2.A13	Hire a licensed forester to develop management plans for city-owned conservation areas together with the Society for the Protection of New Hampshire Forests, UNH Cooperative Extension, and other similar organizations.	eliminate	redundant with 5.1.A.8
5.1.S1	Guide development into existing areas as designated in the Land Use chapter to protect outlying rural areas and open space lands.	ongoing	
5.1.S2	Guide new development away from wildlife habitat areas that have been identified in the Natural Resources Inventory.	ongoing	

5.1.S5	Purchase easements or property for conservation throughout the City, particularly in critical habitat areas as identified in both the Natural Resource Inventory and Open Space Plan.	ongoing	
5.1.A3	Apply for Land and Community Heritage Investment Program (LCHIP) and other funding sources for land conservation projects.	ongoing	
5.1.A6	Conduct education and outreach to members of the public about the benefits of land conservation and options for conserving land.	ongoing	
5.1.A10	Place protective third-party easements on city-owned land with important habitat areas.	ongoing	
5.1.A13	Develop recommended landscaping guidelines for distribution to landowners, regarding such issues as the protection of existing trees and landscaping, choosing plant species native to the region, and planting to screen utility facilities and equipment.	ongoing	
5.2.S1	Enforce stormwater and erosion control standards and conditions during and after construction, perhaps by requiring a bond, to ensure that there is no increase in surface water flows after development.	ongoing	currently tasked to the CoL City Engineer, & Codes Enforcement
5.2.S2	Make impervious surface reduction a goal of parking policies and regulations in the Zoning Ordinance.	ongoing	PB recently adopted amended stormwater regs mandating less impervious surface as part of development process
5.2.S4	Acquire or seek donations of parcels, conservation easements, development rights, and rights-of-way adjacent to important bodies of water for protection of public access, water quality, public water supplies, floodplains, wetlands and wildlife habitat.	ongoing	
5.2.S5	Support the Rotary Club's biennial clean-ups of the Mascoma River and encourage other groups to adopt other water bodies for cleanup.	ongoing	
5.2.S9	Investigate and consider utilizing recent innovations in stormwater management and groundwater recharge systems (ex. low-impact development) in critical locations where more traditional techniques prove inadequate.	ongoing	PB recently adopted amended stormwater regs addressing LID measures
5.2.S12	Continue educational programs to promote public awareness of the conservation lands, appreciation of their natural features, and appropriate activities on those lands.	ongoing	
5.2.S13	Coordinate local volunteers to continue the care, maintenance, promotion, and appropriate use of conservation lands.	ongoing	
5.2.S14	Continue to plan and publicize a program of nature walks in the City's conservation lands to enhance public appreciation of them. (Cf 258)	ongoing	
5.2.S15	Work with local land trusts to acquire trail easements when feasible, with an eye to linking to existing trails to provide a comprehensive network.	ongoing	
5.2.S16	Negotiate with developers to protect existing trails and/or set aside additional land for a trail system.	ongoing	
5.2.S17	Encourage volunteer help and hire a Park Ranger to implement park education (such as Adopt-a Park and Junior Ranger programs) and to build and maintain trails.	ongoing	
5.2.S18	Investigate and recommend appropriate measures to ensure handicapped accessibility on conservation lands where feasible.	ongoing	
5.2.S19	Continue participation in the "Tree City USA" program to call attention to the City's natural resources.	ongoing	Parks & Rec serving as point person on this effort. Tree Advisory Board emerging as an active participant
5.2.S20	Continue to celebrate Arbor Day to raise awareness of the importance of trees to all residents.	ongoing	Parks & Rec serving as point person on this effort. Tree Advisory Board emerging as an active participant
5.2.S21	Encourage Dartmouth College to continue working with the City through the Landmark Lands Committee to inventory and evaluate Dartmouth College Lands before development is proposed.	ongoing	Planning Office and CoL employees continue to engage in dialogue
5.2.S23	Educate landowners about the importance of preserving wildlife habitat on their own land.	ongoing	

5.2.S24	Raise awareness of invasive species by sponsoring educational lectures and field trips.	ongoing	
5.2.S27	Identify opportunities for training and information sharing on natural resource issues for the Conservation Commission, Planning Board, and other volunteer boards.	ongoing	
5.2.S29	Encourage City board members & administration to pursue on-going dialogue in areas of mutual interest.	ongoing	
5.2.A7	Provide ditches, treatment swales, detention ponds, and catch basins that will prevent road run-off and accidental spills from discharging into water bodies, especially public water supply sources.	ongoing	Planning Development Review Process addresses this measure.
5.2.A17	Identify parks and recreational facilities Highlight Conservation Properties through publicity and signage that includes a brief history of who donated the land, interesting facts about the property, and existing trails and/or flora in the area.	ongoing	
5.2.A23	Eradicate invasive species from city-owned land.	ongoing	
5.1.S3	Investigate innovative land use regulations such as transfer of development rights to preserve open space, natural resources and important wildlife habitat and corridors, taking into consideration the rights of property owners and abutters.	ongoing - move	The PB & Pln Office encouraged to continue to explore integrating these tools/measures into the planning process
5.1.S8	Include City Gateways in open space planning	ongoing - move	The PB & Pln Office encouraged to continue to explore integrating these tools/measures into the planning process
5.1.S12	Require the use of renewable energy in heating and cooling systems in new construction of public buildings.	ongoing - move	to be included in energy chapter if not already
5.1.S13	Continue to support land use patterns that promote alternatives to single occupancy vehicles, such as public transit, park-and-ride facilities, sidewalks, and bikeways/bike paths.	ongoing - move	to be included in landuse (other?) chapter(s) if not already
5.1.S14	Encourage the use of energy conservation measures through site plan review, such as orienting buildings to take advantage of natural light and heat, and providing vegetation for summer shading and wind buffers.	ongoing - move	to be included in energy chapter if not already
5.1.S15	Continue to encourage mixed-use growth centers rather than strip-type sprawling development patterns.	ongoing - move	to be included in landuse (other?) chapter(s) if not already
5.1.S16	Encourage and support transportation alternatives to single-occupancy vehicles, including mass transit, pedestrian and bicycle paths and facilities, ride-sharing, etc.	ongoing - move	to be included in transportation chapter if not already
5.1.S17	Encourage recycling citywide, including in city-owned facilities.	ongoing - move	to be included in com-fac (?) chapter if not already
5.1.S18	Encourage the use of renewable energy resources and provide information on these resources to residents on the City website and in the City newsletter.	ongoing - move	to be included in energy chapter if not already
5.1.A12	Create a scenic corridor overlay district to protect the City's highway corridors from inappropriate development and visual blight, and landscaping standards for all major entry corridors to the City.	ongoing - move	More of a planning endeavor, noting that the ConCom remains interested in habitat and natural area protection where applicable in entry corridor areas
5.1.A18	Conduct periodic energy audits of all City buildings, infrastructure (including streetlights) and operations to identify areas of energy waste and recommend cost-effective energy conservation measures.	ongoing - move	to be included in energy chapter if not already
5.1.A19	Establish a citywide recycling program to include periodic household hazardous waste days.	ongoing - move	to be included in ComFac(?) chapter if not already
5.2.S3	Educate landowners regarding best management practices, such as proper household hazardous waste disposal, recycling, and composting through materials disseminated at City Hall, and through the City website and newsletter.	ongoing - move	to be included in ComFac(?) chapter if not already
5.2.A3	Develop and adopt a Water Resources Management Plan. It should include the recognition of the need to find additional drinking water source(s) and protect the existing supply is of highest priority for the City.	ongoing - move	to be included in ComFac(?) chapter if not already? DPW efforts underway (?) as to seeking alternative drinking water sources?
5.1.A7	Create incentives in the Zoning Ordinance for agricultural businesses and expand the importance of maintaining and increasing agricultural activity within the City.	unclear as to ConCom reccomendation	Existing Ag businesses limited to two. Maintaining and increasing ag activity likely not under the ConCom purview