

HANOVER 300 - MASTER PLAN IMPLEMENTATION GOALS							
Housing:							
Goal 1: Create opportunities to develop a diverse and affordable housing stock to meet the needs of a changing demographic profile in the town.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Support the creation of housing units that are affordable to a broad range of incomes, including both rental units and owner units.							
Action: Identify locations to encourage development of diversified affordable housing opportunities.	AHT, TP	Short-term	Affordable Housing Trust Fund, Community Preservation Act (CPA)				
Strategy: Encourage and maintain a mix of housing types by supporting development that provides for households at all income levels and encourages a diversity of age, households, and ability.							
Action: The Town should coordinate with the Council on Aging and other local senior advocates to help households in need get the support they deserve through local programs or improved living conditions.	COA	Ongoing	Affordable Housing Trust Fund, CPA		AHT and COA are looking at hiring a housing coordinator	AHT planning on contributing funds	N/A
Action: Ensure that at least 10% of new housing is accessible or adaptable to individuals with disabilities and/or include supportive services.	AHT	Ongoing	Affordable Housing Trust Fund, CPA		Currently meeting 10% required		
Action: Explore options for providing housing for veterans.	Vet	Ongoing	Affordable Housing Trust Fund, CPA				
Goal 2: Leverage existing funding sources such as the Hanover Affordable Housing Trust and the Community Preservation Act to meet existing and future housing needs.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Provide financial and other supportive services to assist homeowners.							
Action: Support or create programs that support necessary home improvements including deleading and septic repairs for units occupied by low- and moderate-income households.	AHT, TP	Ongoing	Affordable Housing Trust Fund, Community Preservation Act (CPA)		AHT and BOH are working on a septic program		
Action: Utilize Affordable Housing Trust Fund and Community Preservation Act funds for programs such as First Time Homebuyers Assistance and a Veteran’s loan project.	AHT, TP	Ongoing	Affordable Housing Trust Fund, Community Preservation Act (CPA)		Veterans and Senior benefits available	AHT Funded	
Goal 3: Review and revise the Zoning Bylaw to remove barriers and create more incentives toward the production of affordable housing.							
Strategy/Action	Parties Responsible	Timeframe	Funding Source				
Strategy: Amend the Zoning Bylaw to assist in the creation of new housing units.							
Action: Study the Village Planned Unit Development (PUD) to see how Hanover can better encourage mixed-use development around common open space.	TP, PB	Short-term	N/A				

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Action: Explore use of a Chapter 40R Smart Growth Zoning Overlay.	TP, PB	Medium-term	N/A		MBTA smart growth recommendations being reviewed now	N/A	
Action: Consider inclusionary zoning that requires a certain percentage of affordable housing be included in any new residential development.	TP, PB	Medium-term	N/A				
Action: Consider zoning for cottage-style housing, especially for over-55 housing.	TP, PB	Medium-term	N/A		Planning Board is not considering currently. AHT will revisit	N/A	Not clear
Goal 4: Encourage affordable housing development to achieve, exceed and maintain the Chapter 40B 10% goal.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Maintain affordability of units currently on the Subsidized Housing Inventory.							
Action: The Town should closely monitor these units and take steps to preserve affordable units so that they remain on the SHI.	AHT	Medium-term	N/A		Legion Housing?		
Economic Development:							
Goal 1: Invest in the Fireworks District.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	COMMENTS/STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Activate all currently vacant sites within the Fireworks District by defining it as a desirable and active job center.							
Action: Brand the area and market it to potential tenants.	Private	Ongoing	N/A		In progress: Individual sites are being marketed privately, not a lot of town involvement in the effort		
Action: Invest in signage for the entrance to the industrial park.	Private	Ongoing	N/A		No action		
Action: Utilize digital advertising to market the Fireworks District.	Private	Ongoing	N/A		No action		
Strategy: Improve conditions within the industrial park in the Fireworks District.							
Action: Work with local businesses in the industrial park to create a Business Committee and assist in their program development.	BOS	Short-term	N/A		No action		
Action: Consider seeking State assistance for the area through the MassWorks program to assist in installing high-speed internet.	TP	Short-term	Massworks		Completed(?): Assume that high speed services are available.		
Action: Consider seeking State assistance through the Mass Development Site Readiness Program to prepare vacant sites for active uses.	TP	Medium-term	MassDevelopment		No action		
Strategy: Connect with workforce training and/or educational institutions.							

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Action: Work with local business to identify the most pertinent skills to meet local industry needs and direct job-seekers to the available instructional resource or workforce training.	TP	Ongoing	N/A		No action		
Goal 2: Build organizational capacity to advocate for continued revitalization and stronger growth in Hanover’s commercial areas.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Work with local businesses to identify and meet local economic needs.					Overall, each of these has really fallen to the Hanover Chamber of Commerce		
Action: Work with local businesses to create a Business Committee and assist in program development.	TM	Ongoing	N/A				
Action: Activate vacant sites through rehabilitation and infill development to encourage the location of new business development.	TP	Ongoing	N/A				
Action: Convene businesses to identify the most pertinent skills to meet the needs for a skilled workforce and work with area educational institutions to develop programs.	Private	Ongoing	N/A				
Action: Hold regular business owner workshops to develop stronger lines of communication between Town Hall and businesses to better identify and respond to business needs and interests.	TM	Ongoing	N/A				
Action: Enhance branding and marketing of the Town’s commercial areas locally and regionally.	Private	Ongoing	N/A				
Goal 3: Develop a supportive infrastructure to enhance economic development.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Invest in pedestrian friendly strategies to improve walkability and connect commercial areas.							
Action: Review transportation networks impacts on businesses and customer attraction.	TP, DPW	Ongoing	Ch. 90		No action		
Action: The Town should invest in pedestrian friendly strategies to improve walkability and connect commercial areas by adding new sidewalks throughout town.	TP, DPW	Ongoing	Ch. 90		In Progress: town did do a sidewalk survey, but funding has not been sought.	No funding at town meeting was allocated for sidewalks	
Action: Work with the developer of the Hanover Crossing to ensure proper implementation of the TIF agreement.	TP, BOS, PB	Ongoing	N/A		In Progress: TIF agreement in place and the town will continue to enforce		
Goal 4: Promote downtown development of the Hanover Town Center.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Consider strategies to create more of a cohesive Town Center beyond Town Hall and the library, including placemaking, design guidelines, and reduce auto dependency.					In progress	CPA funding for Everett Hall Field	

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Action: Consider zoning recommendations to enhance the Town Center including revisions to the Village Planned Unit Development (PUD) and other means to encourage more mixed use and infill development.	TP, PB	Short-term	N/A		No action	VPUd was eliminated, no changes to zoning in the center of town	
Action: Explore use of a Chapter 40R Smart Growth Zoning Overlay.	TP, PB	Medium-term	N/A		No action		
Transportation & Circulation:							
Goal 1: Invest in pedestrian infrastructure improvements that prioritize the safety of the most vulnerable populations, such as children and seniors.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Improve quality and connectivity of pedestrian infrastructure at local schools.							
Action: Construct sidewalks on both sides of Cedar Street.	DPW	Medium-term	Ch. 90, town funds, Complete Streets funds		Sidewalks exist on one side	No funding allocated	
Action: Extend the sidewalks on both sides of street along Main Street, Whiting Street/Pleasant Street, and West Avenue to create a more complete pedestrian network.	DPW	Medium-term	Ch. 90, town funds, Complete Streets funds		No action taken yet		
Action: Update signage to improve visibility.	DPW	Ongoing	Town funds, Complete Streets funds		Added signage in some locations		
Strategy: Make pedestrian safety improvements for Cardinal Cushing residents walking to Shaw’s.							
Action: Construct sidewalks on both sides of Columbia Road between Hanover Street and Rockland Street.	DPW	Medium-term	Ch. 90, town funds, Complete Streets funds		Campus walkway connections have been done		
Action: Paint a crosswalk and install a push button pedestrian signal for pedestrians to cross Columbia Road.	DPW	Short-term	Ch. 90, town funds, Complete Streets funds		No action taken		
Strategy: Leverage additional funding to support new infrastructure and infrastructure improvements.							
Action: As part of a Complete Street Policy, create a sidewalk mitigation fund to which developers must contribute if they choose not to build sidewalks.	DPW	Short-term	Developer funded		Tried it, where is the \$? Is there an account?		
Goal 2: Address mobility and safety concerns on highly trafficked corridors and intersections.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Prioritize infrastructure investments and safety improvements at intersections identified as particularly dangerous by residents and previously commissioned studies.							
Action: Implement the signal timing and phasing improvements outlined in VHB’s study for safety improvements at the intersection of Route 53 and Route 139, and Route 53 and Broadway.	DPW	Medium-term	MassDOT, Ch. 90				
Action: Paint a crosswalk and install a push button pedestrian signal for those crossing Route 53 at the entrance to the University Sports Complex.	DPW	Short-term	Ch. 90, town funds, Complete Streets funds				

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Action: Commission a study to review potential safety improvements that can be implemented at the five-point intersection near Town Hall. This intersection includes Main Street, Silver Street, Hanover Street, and Center Street.	BOS, TM	Short-term	Town funds		This is being worked on. MassDOT is initiating a land survey of this area.		
Strategy: Incorporate general traffic safety practices into ongoing and planned work.							
Action: Slow vehicle speeds by narrowing travel lanes and adding bicycle lanes.	DPW	Ongoing	Ch. 90, town funds, Complete Streets funds		Town Meeting approved funding for Dillingham Way		
Action: Increase visibility and shorten crossing distance for pedestrians by installing curb bumpouts at priority intersections.	DPW	Medium-term	Ch. 90				
Action: Implement safety improvements during already scheduled infrastructure upgrades to minimize construction time and travel disruption.	DPW	Ongoing	N/A				
Goal 3: Improve bicycle and pedestrian accessibility and connectivity.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Extend rail trail from Rockland spur into Hanover.							
Action: Connect to existing open space, walking trails, and other destinations.	TP, OSC, BOS	Ongoing	RTP, LWCF, CPA		Hanover Branch Rail Trail is proceeding in West Hanover	250K CPC	2023...
Action: Facilitate development by building on existing right of way.	TP, OSC, BOS, TM	Medium-term	N/A		West Hanover section is proceeding		
Action: Generate community support and involvement in planning and implementation by offering public meetings and volunteer opportunities.	OSC, BOS, TP, TM	Ongoing	N/A		Ongoing		
Strategy: Ensure bicycle and pedestrian infrastructure is built as a network and links local destinations.							
Action: Develop a Bicycle and Pedestrian Plan to identify areas of concern and to outline specific desired town-wide improvements.	TP, DPW, OSC	Short-term	N/A		?		
Action: Host pilots to showcase potential improvements to residents and build community support.	TP, DPW, OSC	Ongoing	N/A		Social media and some public presentations - Not much more yet		
Strategy: Adopt a Complete Streets Policy.							
Action: Work with MAPC to adopt a Complete Streets policy – roads that cater to all users including automobile, transit, pedestrian and bicyclists – tailored to the needs of the town. Passing a Complete Streets bylaw will make the town eligible to receive funds from the state for roadway safety improvements.	DPW	Short-term	MAPC Technical Assistance		We have a Complete Streets policy but have not yet received any funding from this program		
Goal 4: Expand mass transit and shuttle services options to, from, and within Hanover.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Partner with GATRA to expand upon existing shuttle and bus services that serve Hanover.							

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Action: With Hanover’s Council on Aging, determine how shuttle service would be expanded, both in terms of hours of operation as well as destinations offered.	COA	Ongoing	GATRA, town funds				
Action: As part of GATRA’s service expansion to the Hanover Crossing, determine if it is possible to extend the service area to other desired locations, including nearby commuter rail stations.	GATRA	Short-term	GATRA, town funds				
Strategy: Raise awareness among residents of shuttle services offered.							
Action: Implement a public awareness campaign that provides information about shuttle, bus, and other mass transit options available to Hanover residents, including the P & B bus, GATRA services, and the shuttle to Logan Airport.	TM	Short-term	N/A				
Goal 5: Leverage resources from new developments to secure additional funding for transportation improvements.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Secure additional investments in transportation infrastructure as part of the development process.							
Action: Advocate for transit-improvements as part of the Hanover Mall redevelopment project. Some of the safety concerns on Route 53 may be able to be addressed through this process.	PB, TP	Short-term	N/A		Hanover Crossing had a full MEPA review; and DOT Review to improve access	N/A	In progress
Action: Institute a transportation demand management (TDM) program that requires developers to invest in transit improvements based on projected development impact.	PB, TP	Short-term	N/A				
Public Services & Facilities:							
Goal 1: Ensure facilities meet community and departmental needs.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Develop new department facilities and infrastructure capable of meeting current service needs and projected future demand.							
Action: Consider a new fire station in the next few years if warranted as a result of new residential and commercial growth.	FD	Long-term	Town capital funds		In progress: Fire Station planning committee funded and in action	Town funds approved for study	
Action: Continue the Center School expansion project.	SD	Short-term	Town capital funds		COMPLETED		
Action: Move forward with plan to develop a Townwide Strategic Information Technology Plan.	BOS	Short-term	N/A	JC	In progress: IT Committee is active		
Strategy: Complete routine maintenance and renovations which allow host Departments to fulfill their missions.							
Action: Complete ongoing facility restoration of Town Hall and renovations to Fire HQ, Police HQ, Cedar Elementary and Hanover Middle School.	BOS, FD, PD, SD	Short-term	Town capital funds	VD	In progress: Town Hall, Fire HQ, Police HQ, and Cedar. Nothing planned at Middle School at the moment	ARPA funding is filling some gaps	

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Strategy: Establish or expand specific channels for feedback about facilities and services.							
Action: Ensure that all appropriate staff are sufficiently trained in the use of SchoolDude to highlight conditions of buildings and communicated needed improvements.	BOS	Ongoing	N/A	JC	No longer use this		
Action: Explore the utility and feasibility of creating a 311 system for citizen feedback.	BOS	Short-term	Town funds	JC	No action: there are other feedback mechanisms in place		
Action: Continue renovations to increase facility accessibility.	TM	Ongoing	Town capital funds	JC	In progress: Sylvester Ramp, need to improve ramping at town hall	ARPA for Sylvester	
Action: Hold public hearings to collect resident feedback on current and future use of Town-owned facilities	BOS	Ongoing	N/A	JC	No action		
Goal 2: Ensure adequate resources for Hanover’s public services.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE		STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Ensure staffing levels are adequate to fulfill departmental duties, and resources are efficiently distributed.					Overall TM says that we are fully staffed within town departments except for schools		
Action: Maintain adequate staffing levels appropriate to call volume levels.	BOS, TM, FD	Ongoing	Town funds, Staffing for Adequate Fire and Emergency Response (SAFER) grants	JC			
Action: Share staff responsibilities and costs of FTE between Departments where such cross departmental work enhances efficiency and does not overstretch individual or departmental capacity	BOS, TM	Ongoing	N/A	JC			
Strategy: Ensure capital projects do not negatively impact departmental operational budgets.					In progress		
Action: Continue practice of decreasing the operating budget’s dependence on free cash, leaving more resources available for capital projects.	BOS, TM	Ongoing	N/A		In progress		
Action: Where possible, supplement funding for capital projects through grant programs, e.g. MSBA, Green Communities, and Assistance to Firefighters Grant Program.	BOS, TM	Ongoing	Grant funds as noted		In progress: Fire Dept does very well, other departments could seek additional funding this way		
Action: Use proceeds from the disposal of property made extraneous or obsolete by new construction to directly offset construction expenses.	BOS, TM	Ongoing	N/A		No action: could potentially have some properties coming up		
Action: Explore regionalization opportunities for more efficient public service delivery.	BOS, TM	Ongoing	N/A		In progress: 911 dispatch, Water?		
Goal 3: Ensure all Town-owned buildings are fully and efficiently used.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE		STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: When undertaking major facility constructions or expansions, consider Department’s facilities portfolio holistically.							

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Action: Expand the scope of the Sylvester School Redevelopment Committee to include consideration of potential re-uses of the Salmond School building as well.	BOS	Short-term	N/A		No action: Sylvester Reuse not active. Town using for DPW and food pantry. No movement on Salmond		
Strategy: Consider disposal or re-use of individual buildings in a strategic manner.					No action		
Action: Develop a process for broadly advertising and expeditiously disposing of property being sold by Town to ensure competitive bidding.	BOS, TM	Ongoing	N/A		No action		
Action: Develop disposition RFP's with particular conditions for use, sensitive to such factors as historic preservation.	BOS, TM, HC	Ongoing	N/A		No action		
Open Space & Recreation:							
Goal 1: Improve coordination and collaboration among Town boards and departments and with conservation organizations to promote protection of critical areas in Hanover.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Improve communication and coordination between the Open Space Committee and Conservation Commission on land protection and habitat restoration.							
Action: Jointly work to identify key parcels for acquisition/preservation that can be brought under Conservation Commission control.	CA, OSC, CC	Ongoing	N/A		Some improvement. Member Conservation Commission now on Open Space Committee		
Strategy: Improve the working relationship with the Board of Selectmen and Town Manager. Keep them informed about planned activities and priorities for preservation and recreation.							
Action: Work with the Town Manager to identify priority parcels for acquisition and/or permanent protection.	OSC, CA, CC, TM, TP	Ongoing	Local Acquisitions for Natural Diversity (LAND) grant, Land and Water Conservation Fund (LWCF)		Little progress. Town personnel very stretched.		
Strategy: Continue collaboration with Hanover's Historical Commission, Historical Society, Community Preservation Committee, and outside conservation entities such as the Wildlands Trust and North & South Rivers Watershed Association on preservation and recreation projects.							
Action: Work with the Community Preservation Committee to identify suitable parcels for acquisition with Community Preservation Act funds.	OSC, CC, CPC, TP	Ongoing	CPA		Good progress here. CPA funding for Sylvester Field purchase, trail improvements.		
Action: Work with local nonprofit organizations, such as the Wildlands Trust, to apply for grant funding for land acquisition in Hanover.	. OSC, CA, CC, TP	Ongoing	Conservation Partnership Grant (CPG)		Good progress here. Worked with Wildlands Trust, NSRWA on Sylvester Field purchase, Indian Head trails, Colby Phillips		

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Goal 2: Preserve and protect critical natural and scenic areas in Hanover.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Review, update, and prioritize list of lands of interest for possible future protection. Action: Update inventory of parcels that are of interest to the Town for acquisition and are currently undeveloped or desirable to purchase.	OSC, CC	Ongoing	N/A		No progress.		
Action: Prioritize inventory using the “Land Acquisition Worksheet” and other tools such as “Mapping and Prioritizing Parcels for Resilience” by Mass Audubon and Nature Conservancy.	OSC, CC	Ongoing	N/A		No progress.		
Strategy: For properties that are already designated as open space, but have only limited or temporary protection, work to protect properties in perpetuity.							
Action: Add conservation restrictions to as many designated open space parcels as possible.	CC, CA	Ongoing	N/A		Working on pursuing CR’s on CPA purchased properties. Long delays.		
Goal 3: Encourage sustainable growth and development that is consistent with the character of Hanover.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Update Hanover’s land use and environmental bylaws and regulations (Zoning Bylaw, Wetlands Protection Bylaw, and Subdivision Rules & Regulations) to ensure that development is consistent with the town’s rural character, encourages open space preservation, and is designed well.							
Action: Adopt a Scenic Road Bylaw to formalize the application and review process of projects along designated scenic roads.	PB, TP	Short-term	N/A		Scenic Road By-law has been implemented.	N/A	Complete
Strategy: Encourage development that preserves open space by building at a somewhat higher density through the use of Open Space Design (OSD) or Natural Resource Protection Zoning (NRPZ).							
Action: Develop an Open Space Design or Natural Resource Protection Zoning Bylaw.	PB, TP, CC	Medium-term	N/A		No progress.		
Strategy: Amend Subdivision Rules & Regulations to promote low impact development (LID) techniques and green design.							
Action: Investigate the potential of further utilizing Low Impact Development techniques and/or developing a Low Impact Development Bylaw.	PB, TP	Medium-term	N/A		Subdivision regs were recently ammended to include this. Stormwater management has been made more robust.	N/A	Complete
Goal 4: Maintain and improve public access to conservation parcels and their recreational opportunities.							

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STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Continue to focus on walking trail creation, maintenance, and informational outreach.							
Action: Work with the Conservation Commission to review placement of new trails in order to avoid impacts to important natural resources, including wetlands and rare species.	OSC, CA, CC	Ongoing	N/A		Recent trail proposal (Indian Head River trail) approved by CC		
Strategy: Improve and create additional opportunities for recreation such as equestrian trails, bike trails, and water access.							
Action: Assist with any “rail-to-trail” initiative assembling a through bike trail in Hanover on the former railroad bed and nearby lands.	CA, OSC, BOS, TP	Ongoing	Recreational Trails Program (RTP), LWCF, CPA		Rails to trails project in West Hanover approved. Planning begun.	CPC funding \$250K approved. RTP application submitted.	
Strategy: Review parking availability at each area, and work with the Department of Public Works to add parking where needed.							
Action: Identify conservation lands and trails lacking safe parking and add additional parking where it is needed/appropriate.	CC, OSC, DPW, TP	Medium-term	Town capital funds		Little progress. CC and OSC working on Denham. Wildlands Trust on Sylvester Field.		
Strategy: Recruit additional volunteers for the maintenance of passive recreational facilities, especially walking trails. Improve relationship with the Department of Public Works to obtain assistance with upkeep of conservation parcels.							
Action: Establish a group of volunteers responsible for creating and maintaining trails.	OSC	Short-term	N/A		“Trail Team” sign up on Town website. More outreach planned.		
Strategy: Improve pedestrian safety around and between conservation and recreation sites by adding crosswalks and expanding the town’s sidewalk network.							
Action: Develop a plan for adding sidewalks to key roadways in town, specifically in areas where trails do not connect.	TP, DPW	Medium-term	Town capital funds				
Action: Seek funding for the construction of additional sidewalks in Hanover.	TP, DPW	Medium-term and longterm	Chapter 90 and TIP funds		? More funds - from legislature		
Goal 5: Establish a long-range strategy for protecting Hanover’s drinking water supply.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Prioritize protection of available land abutting or adjacent to the Water Resource Protection District to act as a buffer to prevent contamination.							
Action: Acquire land that comes available in or near the Water Resource Protection District.	CA, OSC, CC, TP, DPW	Ongoing	LAND, LWCF		OSC unaware of any. No coordination with other boards.		
Action: Work with the North & South Rivers Watershed Association to identify priority parcels for protection of Hanover’s drinking water.	CA, OSC, CC	Ongoing	CPG, MA Environmental Trust (MET)		OSC unaware of any. No coordination with other boards.		

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Strategy: Work with neighboring towns and land trusts to protect remaining open land in the area around the Freshwater Tidal Marsh and Indian Head River.							
Action: Work with Pembroke and Norwell to nominate an area surrounding a portion of the North River/Indian Head River as an Area of Critical Environmental Concern.	OSC, CC, TP	Medium-term	CPA		No progress.		
Strategy: Ensure there is coordination regarding the protection of water quality and quantity (such as for permitting, constructing, and monitoring wells and septic systems).							
Action: Review the existing system for addressing failing septic systems and identify ways in which it can be improved.	CC, BOH	Short-term	Town capital funds	No sand, public safety issue; Need deicer, use sodium choride and wet with magnesium chloride			
Action: Investigate the potential of using another substance besides sand/salt on the roadways during the winter as a way to further protect drinking water.	CC, DPW	Medium-term	MET				
Goal 6: Maintain and enhance recreational facilities for the enjoyment of Hanover residents and visitors of all ages, abilities, and interest.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Repair and update existing sports fields.							
Action: Update the Parks and Recreation Master Plan from 2007 to address current recreational facility needs in Hanover.	PRC, TP, BOS	Medium-term	Town capital funds				
Strategy: Maintain existing sports fields.							
Action: Create a maintenance plan for sports fields in town.	PRC, DPW, TP, BOS	Medium-term	Town capital funds				
Strategy: Create small, local parks, like a playground or street hockey rink, in various areas of town, particularly in areas currently underserved by neighborhood recreational facilities.							
Action: Investigate the potential of adding small, local parks in areas where there are no recreation amenities, such as the northern portion of town.	PRC, CPC, TP	Ongoing	CPA, Parkland Acquisitions and Renovations (PARC) grant, LWCF				
Historic & Cultural Resources:							
Goal 1: Preserve and protect critical historic and cultural resources in Hanover.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Action: Analyze economic development needs for Four Corners district to complement historic asset inventory and local historic district study.	TP, HC	Short-term	CPA				
Action: Explore potential for developing additional housing in Four Corners area to support local business activity.	TP	Short-term	CPA				
Action: Extend rail trail from South Hanover to Four Corners.	CA, OSC, BOS, TP	Medium-term	RTP, CPA				
Action: Consider extending the demolition delay bylaw from one year to two years.	HC	Short-term	N/A				

HANOVER 300 - MASTER PLAN IMPLEMENTATION GOALS							
Action: Educate property owners, particularly farms and stables about conservation restrictions and the Wildlands Trust of Southeastern Massachusetts.	CC	Ongoing	N/A				
Action: Explore options for recognizing private preservation efforts including historic house tours and historic preservation awards.	HC	Medium-term	N/A				
Action: Develop a protocol to safeguard historic documents for preservation for future generations.	HC	Ongoing	N/A				
Goal 2: Improve public awareness of and education about Hanover’s historic and cultural assets.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Action: Develop online portal for homeowners interested in preserving their homes with information about loan programs and tax incentives.	HC	Short-term	CPA				
Action: Engage arts and cultural business community in planning for historic village centers.	CPA, HCC, HC	Ongoing	N/A				
Clean Energy:							
Goal 1: Reduce municipal energy use by 20 percent in accordance with the Town’s Energy Reduction Plan.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Build energy management capacity to implement innovative clean energy projects.							
Action: Evaluate opportunities to establish a volunteer energy committee to assist with project management and opportunity identification.	BOS, TM	Short-term	N/A		No CE Committee		
Action: Consider adding a part-time employee responsible for municipal and community-wide clean energy initiatives.	BOS, TM	Long-term	Town funds		No part-time employee - No LT vision (other than Bob Murray) bought shares in Solar rays		
Action: Carry out quarterly review of municipal energy data in MassEnergyInsight to ensure data consistency and track progress toward the Town’s goal.	Fac	Ongoing	N/A				
Action: Communicate projects underway and progress toward achieving the energy reduction goal to the Board of Selectmen on an annual basis.	Fac	Ongoing	N/A				
Strategy: Implement energy conservation strategies targeting the Town’s highest energy users and least efficient buildings.							
Action: Evaluate options to implement a behavioral program at Hanover’s public schools to improve building operational efficiency and engage students on clean energy issues.	SD	Ongoing	N/A				
Action: Implement energy analytics at the Cedar Elementary School to better understand the buildings energy consumption and identify strategies to optimize building efficiency.	SD	Short-term	Town funds		Added for re-opening of building after COVID home schooling	Care Act	
Action: Evaluate HVAC system at the Police Department Headquarters building for upgrades that improve building efficiency and occupant comfort.	PD	Short-term	Green Communities grant		In Progress	ARPA Funds	

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Action: Incorporate high efficiency standards into the plans for the new Fire Station and for any new or renovated facility.	Fac	Short-term	Town capital funds		New Building Code covers this		
Strategy: Improve municipal fleet vehicle fuel efficiency.							
Action: Create a capital plan for replacement of gasoline fueled passenger vehicles with electric vehicles, in line with current vehicle replacement plan.	BOS, Fac	Medium- to long-term	Town capital funds, Green Communities grant		None		
Action: Install level II electric vehicle charging stations for both Town employee and resident use.	Fac	Short-term	Town capital funds, Electric Vehicle Incentive Program (EVIP)		Yes - Center School, Hanover Corssing		
Action: Evaluate opportunities to retrofit medium and heavy duty vehicles currently in the Town’s fleet and up-fit new acquisitions to hybrid electric or hydraulic electric fuel systems.	BOS, Fac	Medium- to long-term	Town capital funds, Green Communities grant		None		
Action: Explore feasibility of purchasing fuel use tracking software or fleet telematics to better understand vehicle drive cycles and identify opportunities for fleet right-sizing.	BOS, Fac	Medium- to long-term	Town capital funds		Discussion Ongoing - AdComm?		
Strategy: Continue to seek funding opportunities to support municipal clean energy efforts.							
Action: Continue involvement in the Green Communities Program.	BOS	Ongoing	N/A		Yes, need more info on this		
Action: Leverage all available funding and incentives for energy efficiency through the MassSave program and for emerging clean technologies through MassCEC.	Fac	Ongoing	MassSave, MassCEC program-0 (Clean Energy Center)				
Action: Apply for Municipal Energy Technical Assistance grant funding from the Massachusetts Department of Energy Resources to support clean energy initiatives.	TM, BOS	Ongoing	N/A		Was program used for windmill - will look at solar in future		
Action: Implement a community-wide LED streetlight retrofit, leveraging funding available through the Metropolitan Area Planning Council and Massachusetts Department of Energy Resources.	TM, BOS	Short-term	MAPC, DOER		Yes, program has ended. Need data on rollout. Left to do?		
Action: Apply for funds through the Massachusetts Department of Environmental Protection’s Electric Vehicle Incentive Program (EVIP) to support the acquisition of electric and hybrid-electric vehicles and installation of electric vehicle charging stations.	TM, BOS	Short-term	EVIP		Yes, charging stations at Center School		
Action: Evaluate the feasibility of establishing a municipal clean energy revolving fund.	BOS	Medium-term	N/A		None		
Goal 2: Implement local initiatives and policies to support reduction of both residential and commercial energy use and increase deployment of renewable energy sources.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Create initiatives to support residential and commercial reduction of energy consumption and reduce energy costs for residents and businesses.							
Action: Evaluate third-party providers to implement a residential energy efficiency outreach program to encourage homeowner utilization of the MassSave home energy audit and energy conservation measure incentives.	BOS	Medium- to long-term	Town capital funds		Will review - Help homeowners		

HANOVER 300 - MASTER PLAN IMPLEMENTATION GOALS							
Action: Explore opportunities to implement a residential solar outreach program (e.g. Solarize Mass) to support continued growth of residential solar capacity.	BOS	Long-term	Town capital funds, MassCEC program		Will review - Help homeowners		
Action: Adopt a local bylaw to enable businesses to finance energy efficiency and renewable energy projects through MassDevelopment’s Commercial Property Assessed Clean Energy program (to be released in 2017).	BOS	Short-term	N/A		What by-law would cover this?		
Action: Consider implementing a Green Municipal Aggregation program to reduce electric rates and increase the amount of local renewable energy used by the Town.	BOS	Short-term	N/A		Not done		
Action: Make annual data request for usage and efficiency from National Grid to track progress in the residential and commercial sectors.	BOS	Ongoing	N/A		Not done		
Strategy: Create programs to build community identity and buy-in to the Town’s clean energy goals.							
Action: Consider potential for community programming to engage residents on the topics of energy efficiency and renewable energy (ex. Community Green Day or Sustainability Fair).	BOS, HCC	Ongoing	N/A		Not done yet. Is being considered.		
Strategy: Integrate innovative codes and policy approaches to support the implementation of energy efficiency and deployment of renewable energy.							
Action: Assess barriers to renewable energy deployment in the zoning code and adopt progressive standards and appropriate incentives.	TP, PB	Short-term	N/A				
Action: Explore the potential for more rigorous energy efficiency and clean energy requirements for new development.	TP, PB	Short-term	N/A				
Action: Review permitting best practices for supporting solar deployment (e.g. SolSmart program standards).	TP, PB	Short-term	N/A				
Goal 3: Develop a plan to reduce community-wide greenhouse gas emissions.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Establish a community-wide greenhouse gas emissions baseline.							
Action: Establish scope for a community-wide greenhouse gas inventory, consider adhering to nationally and globally accepted methods such as the ICLEI U.S. Community Protocol.	TM	Medium-term	Town capital funds	Town Manager	Not done		
Action: Acquire relevant data from Town departments and utilities, and use MAPC as a resource to inform this process.	TM	Medium-term	Town funds	Town Manager	Not done		
Action: Analyze and consolidate data to establish an informed greenhouse gas emissions baseline.	TM	Medium-term	Town capital funds	Town Manager	Not done		
Action: Communicate the greenhouse gas emissions baseline to Board of Selectmen, Town Meeting, and community-at-large.	TM, BOS	Medium-term	N/A	Town Manager	Not done		
Strategy: Establish a community-wide greenhouse gas emissions reduction goal.							

HANOVER 300 - MASTER PLAN IMPLEMENTATION GOALS							
Action: Use greenhouse gas emissions baseline to determine appropriate near-term, interim, and longterm reduction goals, consider setting sector specific targets to achieve these goals.	TM	Medium-term	N/A		Not done		
Action: Research and consider aligning reduction goals with state, national, and global commitments where applicable.	TM	Medium-term	N/A		Not done		
Action: Evaluate the feasibility of adopting a net zero and/or 100 percent renewables goal.	TM, BOS	Medium-term	N/A		Not done		
Action: Create a climate action plan or net zero plan of strategies to achieve the greenhouse gas emissions reduction goal.	TM, TP	Medium-term	Town capital funds		Not done		
Land Use & Zoning:							
Goal 1: Ensure that the current Zoning Bylaw and any future zoning changes are consistent with and support the goals and objectives stated in the Master Plan.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Create a Zoning Bylaw that implements the recommendations of the Master Plan.							
Action: Conduct a thorough zoning audit of the bylaw to identify specific recommendations for revisions and updates.	TP, PB	Short-term	Town	Town Planner	Audit needs to be planned. Will need funding.	Would need funding. FTE	None
Action: Consider undertaking a comprehensive revision and recodification of the Zoning Bylaw.	TP, PB	Short-term	Town	Town Planner	Dependent on audit above.		
Action: Consider specific revisions to the Zoning Bylaw including: • New definitions • Update the use regulations to include uses	TP, PB	Short-term	N/A	Town Planner	Dependent on audit above.		
Action: Study the Village Planned Unit Development. See Housing element.	TP, PB	Short-term	N/A	Town Planner	Bylaw removed.	Bylaw removed.	Bylaw removed.
Action: Study the Planned Residential Development for seniors to determine how to encourage this type of development where appropriate	TP, PB, COA	Short-term	N/A	Town Planner	20 Acres minimum for Planned Residential Development for Senior. Lower threshold acreage for making attractive developers (to 10 with 5 of upland). Change Bylaw. Christine	No funding needed	
Goal 2: Encourage the balance between residential, commercial and industrial development to ensure the Town continues to prosper while protecting the character of the community.							
STRATEGY / ACTION	PARTIES RESPONSIBLE	TIMEFRAME	FUNDING SOURCE	CONTACT	STATUS - 2022	FUNDING STATUS - 2022	COMPLETION ESTIMATE - 2022
Strategy: Update the Zoning Bylaw to provide for more flexible zoning techniques.							
Action: Develop an Open Space Residential Design (OSRD) bylaw, without an age restriction.	TP, PB, CC	Short-term	N/A	Town Planner	Planning board not in favor of this. Slow down residential dev due to quantity of water supply (Victor)		

HANOVER 300 - MASTER PLAN IMPLEMENTATION GOALS							
Action: Revise the Zoning Bylaw to include incentivized traditional New England “village-style” mixed-use development	TP, PB	Short-term	N/A	Town Planner	Appoint members to Design review board to implement design guidelines. No need to revise Bylaw.Section 10.150		