

Bound Brook Draft PIA 2/7/2023

#	Topic	Req (*)	Activity	Local Effort	Assistance	Time Frame	Comments
A1	Administrative	*	After SPC adopts resolution granting PE: OPA sends certified resolution to NJ State Register, updates GIS layer, sends fully signed documents to petitioner and posts signed and certified documents on OPA website.		OPA	ASAP Upon completion of all resolutions	
A2	Administrative	*	One year from endorsement and biennially thereafter, report to the SPC about the status of your planning efforts, ordinance adoption and other accomplishments form the PIA.	Planning Board and governing body	OPA	1st Due XXXX; then so on	First year = Annual Report then Biennial Reports for the next 8 years on PIA action status..
A3	Administrative	*	After adoption, the municipality shall submit any new or modified land use ordinances or other planning documents.	Planning Board and governing body	Technical assistance	Include in biennial report.	
B1	Public Info & Community Engagement		Continue participating in the Sustainable Jersey (SJ) program by engaging a Green Team and recruiting capable volunteer residents and others to support actions committed to by the municipality.	Governing body, Green Team	OPA, SJ	ongoing	Bound Brook is a registered municipality, but doesn't appear to have moved forward with any certifications
B2	Public Info & Community Engagement		Many actions would benefit from public engagement including education about issues, resident assistance with actions, participation in decision making and support for a path to resiliency and sustainability. An early action should be a public forum(s) designed to recruit short and long-term public engagement, sharing information/goals, highlighting opportunities for participation, volunteerism and meaningful involvement in community planning and decision making.	Governing body, Planning Board, Green Team, chamber(s), churches, schools, other local and regional organizations as partners/ invitees.	OPA, DEP, local groups & regional NGOs/universities	Year 1 and periodically thereafter to update/engage residents on progress on key issues.	Forum(s) should be designed with a well developed outreach element to ensure equitable inclusion and meaningful turn out and facilitated to maximize results.

C1	Climate Resilience Planning	*	Develop, adopt, and implement a climate change-related hazard vulnerability assessment (CCRHVA) that meets the requirements of the MLUL per P.L.2021, c.6.	All municipal hands should be engaged.	Somerset County, OPA, DEP, SJ,	1-4 years	Bound Brook should review its existing data, maps, HMP Annex and assessments and compile any additional data into an assessment and strategy to satisfy the requirements for the Community Change Related Hazard Vulnerability Assessment (CCRHVA) in the MLUL per NJDEP. Expand on the local annex to the county HMP to include climate impacts for temperature, precipitation, flooding, heat island, and vulnerability of public and private potable wells, pump stations and wastewater treatment. <ul style="list-style-type: none"> <li>o Identify and document any utility sites, facilities, equipment, conveyance piping, overhead utility lines, etc. that may be vulnerable to climate impacts or other environmental hazards.</li> <li>o Confirm the condition and capacity of these utility sites, facilities, equipment, etc.</li> <li>o DEP strongly advises against new utility development in areas identified as vulnerable to natural hazards in current and projected condition. Findings from the CCRHVA should guide strategies and actions to increase resilience and reduce risk moving forward.</li> </ul>
C2	Climate Resilience Planning	*	Review and update the Flood Damage Protection Ordinance with the current NJ Riverine Model Ordinance (revised 2020) at <a href="https://www.nj.gov/dep/floodcontrol/modelord.htm">https://www.nj.gov/dep/floodcontrol/modelord.htm</a> in order to stay compliant with NFIP.	Planning Board and governing Body	DEP	1-3 years	Bound Brook should adopt a floodplain development ordinance that is consistent with the most recent standards and National Flood Insurance Programs. For guidance please review the riverine model ordinance at <a href="https://www.nj.gov/dep/floodcontrol/modelord.htm">https://www.nj.gov/dep/floodcontrol/modelord.htm</a> and FEMA guidance at <a href="https://www.fema.gov/floodplain-management/manage-risk/local">https://www.fema.gov/floodplain-management/manage-risk/local</a> . Date of Flood Loss ordinance? ( Ecode360) NJDEP updated the model ordinance in December 2020 to be compliant with NFIP. The model coastal ordinance provided by NJDEP can be found at <a href="https://www.nj.gov/dep/floodcontrol/modelord.htm">https://www.nj.gov/dep/floodcontrol/modelord.htm</a> The DEP is available to provide assistance to Bound Brook
C3	Climate Resilience Planning		Review the Blue Acres Program and determine if it is a feasible option for [owners of] Repetitive Loss properties that have not been mitigated, and/or are in flood hazard areas.	Governing Body	DEP, OEM, FEMA		Check HMP or ask NJOEM for the Borough's # of Repetitive Loss and Severe Repetitive Loss properties, # NFIP properties; # claims, etc. (ex. 132 NFIP policies with 101 losses (including 36 Ida losses) during participation). Map these

C4	Climate Resilience Planning	*	Conntinue to stay active with the Riverine Demonstration	Planning Board and governing Body	FEMA, OPA, OEM, DEP	ongoing	Continue to engage and seek guidance when needed
D1	Land Use	*	Review plans and ordinances and remove impediments to, and encourage, green design throughout the communtiy. Make necessary modifications to ensure that innovative and sustainable construction alternatives and materials (such as green roofs) are permitted. Consider approving incentives for using innovative roofing alternatives and materials.	Planning Board and governing Body	OPA, NJDEP technical assistance	1-3 years	Sustainable Jersey points and support
D2	Land Use	*	Review and update Master Plan and all associated elements to consider climate resiliency and socially vulnerable populations.	Planning Board and governing Body	DEP, Sustainable NJ	1-3 years after CCRHVA	Sustainable Jersey points and support. Address MLUL requirements.
D3	Land Use	*	The municipality shall enhance its zoning regulations and building codes to encourage building outside of the flood zone and to minimize construction in flood prone areas to reconstruction of existing buildings. Flood zone area new construction or redevelopment of existing buildings should avoid high density concentration and areas of severe flooding. Placement of critical facilities and utilities in flood zones should be avoided whenever possible. Affordable housing should be sited to avoid flood zone and hazardous areas.	Planning Board	DEP (Bureau of Climate Resilience Planning)	1-3 years After CCRHVA	Flood damage prevention ordinance date? The municipality follows all regulations set forth by the NJDEP with regards to flood hazard area regulation, wetlands, etc. It does not site or recommend siting any affordable housing projects within a flood zone or a hazardous area.
D4	Land Use		Consider adopting an Accessory Dwelling Unit (ADU) Ordinance in residential zones	Planning Board	OPA/SJ		
D5	Land Use		Update the Open Space & Recreation Plan (OSRP). Explore open space and recreation opportunities with the State and County. Explore purchases of additional properties for active recreation, preservation and flood protection.	Work with County	Green Acres Funding and County as applicable.	1-3 years after CCRHVA	Petitioner will work closely with Green Acres, local advisory committee, County, County Improvement Authority and property owners to negotiate the purchase of properties to be permanent open space.

D6	Land Use	*	Add appropriate Overlay Zones to Zoning Ordinance/Map.	Planning Board		After CCRHVA	The municipality's zoning ordinance should be updated to include overlays that address stormwater management, aquifer recharge, steep slopes, 100 year and 500 year flood zones and critical habitat and habitat corridors. This includes a CES overlay for structures in the 100 year and 500 year flood zone and environmentally sensitive areas (ESA).
D7	Land Use	*	Establish an affordable housing obligation and plan through a settlement agreement (if warranted), create a spending plan and work to meet it as needed. Be sure to avoid flood hazard areas when siting affordable housing. Also rehabilitation of deteriorated and non-code compliant housing stock.	Governing body, planning board	DCA, OPA	dependant on situation.	DCA determines which communities meet the bar for PE - depending on community housing market, demographics, current need etc.
D7	Land Use	*	Reconcile and update Area in Need of Redevelopment and Area in Need of Rehabilitation Data	Planning Board	DCA, OPA	Reconcile after PE and update on going	Ensure that data is maintained and accurate
E1	Sustainability		Develop green building and sustainable design guidelines for new development - consider requiring "green buildings" (LEED, Green Globes) in redevelopment areas, to the extent practicable.	Planning Board, Governing Body & Green Team	SJ, OPA		Sustainable Jersey points and support
E2	Sustainability	*	Streamline zoning code and permitting requirements to encourage solar and geothermal.	Planning Board, Governing Body & Green Team	DEP, BPU, SJ	1-2 year	Sustainable Jersey points and support

E3	Sustainability		MLUL encourages municipalities to include a Green Building & Sustainability Element in their master plan to help establish policies and initiatives for achieving sustainability goals. Components include: • Define what sustainability and resilience mean to your community • Statutory basis for a sustainability element and how it relates to other elements of the plan • Document public engagement activities • Summarize existing conditions and trends, including any environmental justice (EJ) concerns and any available baseline assessment like greenhouse gas • Document community's existing sustainability policies and programs and accomplishments inventories, energy use assessments, or public health inventories • Establish a vision for local sustainability and resilience, expressed in a succinct statement • Establish sustainability and resilience goals and objectives • Develop strategies and actions for achieving sustainability objectives, typically organized by topic area, such as land use, transportation, energy, water, waste, etc. • Establish performance measures and metrics for tracking progress toward objectives • Assign responsible parties for implementation actions • This could be expanded to be a Climate Action Plan if so desired.		DEP, Sustainable Jersey		Recommended. Report on progress in biennial review
E4	Sustainability		Statement of consistency and recycling ordinance		SJ, OPA, Clean Communities		(Seeking clarity on what a 'statement of consistency' is...)
F1	Conservation	*	Tree Protection Ordinance , Tree Risk Assessment Plan as needed. Consider NJUCG accreditation	Planning Board, Governing Body & Green Team	DEP - Bureau of Sustainability; NJDEP Parks and Forestry; NJ Forest Fire Service; Sustainable Jersey	2-3 years	Compare to Woolwich ( <a href="https://ecode360.com/14140851">https://ecode360.com/14140851</a> ) or Haddonfield ( <a href="https://ecode360.com/10200060">https://ecode360.com/10200060</a> ). Also, NJDEP Urban and Community Forestry guidelines are here: <a href="https://www.state.nj.us/dep/parksandforests/forest/community/Information_for_Municipalities.html">https://www.state.nj.us/dep/parksandforests/forest/community/Information_for_Municipalities.html</a>
F2	Conservation	*	Adopt a wellhead protection ordinance in addition to the Environmentally Critical Area protection with specifics to protect water quality and public health.	Planning Board, Governing Body & Green Team	DEP	2-3 years	sample provided
F3	Conservation	*	Develop and adopt a Water Conservation Ordinance that is mutually agreeable to the Borough and DEP	Planning Board, Governing Body & Green Team	DEP	2-3 years	Sample provided

F4	Conservation		Prepare and adopt a Habitat Conservation Plan and protection measures to maintain habitat. Coordinate with county and surrounding municipalities to expand corridors of open space and natural features to support habitat connectivity.	Planning Board, Governing Body & Green Team	DEP technical assistance and funding	2-3 years	The Habitat Conservation may potentially be included as part of the Conservation Plan rather than an individual plan. NJDEP Connecting Habitats Across NJ (CHANJ) mapping can be of assistance to identify potential corridors <a href="https://www.njfishandwildlife.com/ensp/chanj.htm">https://www.njfishandwildlife.com/ensp/chanj.htm</a>
F5	Conservation	*	Review and update as necessary the Natural Resource Inventory, including climate change observations and concerns as they are relevant. DEP can assist with identifying what to update.	Planning Board, Governing Body & Green Team	DEP	1-3 years After CCRHVA	Incorporate findings from the CCRHVA, and CES overlays as appropriate. Update the natural resources inventory documents to account for any changes since the last inventory as well as climate change considerations.
F6	Conservation	*	Review and update as necessary the inventory of contaminated sites, identify if any of these Known Contaminated Sites (KCS) are within the proposed center and/or are vulnerable to climate change.	Planning Board, Governing Body & Green Team		1-3 years After CCRHVA	Review and update with climate impact considerations, findings from the CCRHVA, and CES overlays as appropriate. The Borough follows the mapping and inventory provided by the NJDEP.
F7	Conservation	*	Adopt a stream corridor/Riparian Zone protection ordinance	Planning Board, Governing Body & Green Team		1-3 years After CCRHVA	Review and update with climate impact considerations, findings from the CCRHVA, and CES overlays as appropriate.
F8	Conservation	*	Continue to work with County to provide and expand corridors of open space and natural features to protect historic structures, support habitat connectivity and adapt to changing climate condition	Planning Board, Governing Body & Green Team	Somerset County, DEP Green Acres	ongoing	Provide update during biennial review
F9	Conservation		Expand access to Raritan River, Middle Brook and Bound Brook frontages through the proposed greenway and rail to trail. Borough needs assistance with communication with Conrail and NJ American Water and funding.	Planning Board, Governing Body & Green Team	Somerset County, DEP Green Acres, OPA, NJ TPA	Begin 1 year after PE	Update in biennial review until completed
F10	Conservation		Work with the State and Somerset County to create access to <b>Block 68, Lot 1.03 / Middle Brook Preserve</b> . The wooded area was acquired nfrom Bridgewater years ago. There is no direct access to the Bound Brook and they envision a bridge to for access and funding to create a trail.	Planning Board, Governing Body & Green Team	Somerset County, DEP Green Acres	Begin 1 year after PE	Update in biennial review until completed

G1	Transportation & Circulation	*	Incorporate Complete and Green Streets policy and Implementation Plan into the Circulation Element of the Master Plan All new transportation projects that impact any Right-of-Way made within Bound Brook Borough will be consistent with this plan and the adopted Complete Streets Policy.	Planning Board, Governing Body & Green Team	NJDOT, NJ TPA, Somerset County	2-3 years	Samples provided  Borough will seek funding to implement Safe Streets plan
G2	Transportation & Circulation	*	Update the Circulation Element of Master Plan to address opportunities for shared parking, goods movement, improvements to bicycle and pedestrian access and transit, along with continued growth in the community. In particular, reduce congestion and ensure that non-vehicular transportation is encouraged.	Planning Board, Governing Body & Green Team	NJDOT, NJ TPA, Somerset County	3 years	When Circulation Element is updated, mention the Transit Village designation and describe activities, accomplishments and planning initiatives that go with the Transit Village.
G3	Transportation & Circulation		Implement expansion of bike/ped network.	Governing Body, Planning Board	NJDOT, NJ TPA, Somerset County		
G4	Transportation & Circulation		Implement way finding program	Governing Body, Planning Board	NJDOT, NJ TPA, Somerset County		
H1	Transit		Seek coordination of services	Governing Body, Planning Board	NJ Transit, NJDOT, NJ TPA, SCOOT, Somerset County	ongoing	
I1	Energy	*	Develop a community GHG Reduction Action Plan, including GHG reduction targets. GHG reduction actions should be incorporated into land use element of master plan. 1) Conduct Local Government Energy Audit (LGEA) of municipal facilities and operations, at a minimum, and community-wide audits, if feasible, and 2) using the results of these audits, develop action plans for reducing municipal energy consumption and GHG emissions - use NJ's 2020 GHG emissions reduction target as a goal	Borough Committee & Planning Board	Bd of Public Utilities (BPU) Clean Energy Program provides funding for municipal energy audits: ( <a href="http://www.njcleanenergy.com/commercial-industrial/programs/local-government-energy-audit/local-government-energy-audit">http://www.njcleanenergy.com/commercial-industrial/programs/local-government-energy-audit/local-government-energy-audit</a> )	Timeline as provided PE guidelines (2 years with phasing)	The MPO prepared a greenhouse gas (GHG) inventory. (insert appropriate link here XXX) <a href="https://www.sjtpo.org/Documents/AirQuality/GreenhouseGasInventoryReport.pdf">https://www.sjtpo.org/Documents/AirQuality/GreenhouseGasInventoryReport.pdf</a> This inventory provides county and municipal-level GHG emissions information for various major community sectors/activities (e.g., residential, transportation, waste generation) (See Appendix A pages 1-4). XXX can acquire its local inventory data and use it as a baseline Sustainable Jersey points and support

12	Energy	*	Energy Tracking & Management - establish energy use baselines, tracking, mgt & reporting systems	Borough Committee		Year 1	<a href="https://www.sustainablejersey.com/actions/#open/action/482">https://www.sustainablejersey.com/actions/#open/action/482</a>
13	Energy	*	Implement energy efficiency Measure for facilities	Borough Committee		2 years and phased	Sustainable Jersey points and support
14	Energy		Greening the municipal fleet: • Fleet Inventory and target for green fleet conversion.	Borough Committee	Sustainable Jersey points and support	must do year 1	(Community status XXX.)
15	Energy	*	Greening the municipal fleet: • purchase electric vehicles to achieve 20% reduction in fuel use w/in 4 years .	Borough Committee	BPU, DEP, SJ possible \$\$	must initiate by yr. 2 (can be multi-year)	(Community status XXX.)
16	Energy		Greening the municipal fleet: * Trip optimization software * Proper vehicle maintenance * Driver training *purchase electric vehicles to achieve 20% reduction in fuel use w/in 4 years .	Borough Committee	BPU, DEP, SJ possible \$\$	recommended	Sustainable Jersey points and support
17	Energy	*	Renewable Energy Generation: *Onsite Solar or *Geothermal system or *buy electric from a renewable source or *community solar project or *Renewable Energy Aggregation	Borough Committee	BPU, DEP, SJ possible \$\$	must do 3 within 4 years	Sustainable Jersey points and support
18	Energy	*	• Public EV charging infrastructure feasibility and supporting ordinances	Borough Committee & Planning Board	BPU, DEP, SJ possible \$\$	1-2 years	Sustainable Jersey points and support Borough adopted the EV ordinance. The
19	Energy		Make your town EV Friendly (choose 3) *update zoning ordinances to require pre-wiring for EV chargers as part of a redevelopment plan or for a specific zone(1-2 yrs.); *Adopt a PEV ordinance to include regulation and design standards for EVSE, EV parking spaces and design guidelines for installation of EVSE (1-2 yrs.); * Training for local officials and require local first responders to participate in education on PE and EVSE(1-2 yrs.); *Incentivize EV ready by reducing or waiving permit fees and providing recognition for businesses/entities that do it (2-3 yrs.); *Commitment from 3 or more partners for workplace or multi-family chargers (2-5 yrs.).	Borough Committee & Planning Board	BPU, DEP, SJ possible \$\$	(Endorsed communities must do at least 3	Sustainable Jersey points and support



J1	Infrastructure	*	Review and update as necessary Utilities Element of the Master Plan. Confirm the condition and capacity of the stormwater drainage system and water supply. Incorporate climate change implications.	Planning Board, NJ American Water. Borough Water Department/Engineer,	DEP	1-3 years after CCRHVA	New utility lines and associated infrastructure should be planned to avoid flood prone areas and existing utility infrastructure currently in or projected to be flood prone in the future should be addressed.
J2	Infrastructure	*	Confirm that Somerset County has submitted a WMP with a Bound Brook Chapter and a new FWSA map pursuant to 7:15-4.2 (c)	Somerset County	NJDEP		
J4	Infrastructure		Adopt an Impervious Surface Reduction Ordinance. It is strongly recommended that Bound Brook incorporate expected increases in precipitation and temperature related to adverse impacts of climate change into an impervious surface reduction ordinance o Include measures to manage stormwater on-site rather than as runoff o Future redevelopment projects shall incorporate means to minimize and/or reduce new and/or existing impervious surfaces.	Borough Committee	NJDEP		
J5	Infrastructure/ Utilities	*	Evaluate and update regularly the Stormwater Management Plan and Ordinance for consistency with the current Stormwater Management Rules. Be sure to submit MS-4 Permit reports each May.	Engineer, Borough Committee and Planning Board	DEP and Somerset County technical assistance	1-2 years	XXXX Stormwater Ordinance was updated XXX
K1	Economic Development		Promote Bound Brook Town Center through coordinated planning efforts with business and property owners. Develop plans for center-based /walkability improvements in the Town Center and support economic development initiatives including façade and rehabilitation grant program, wayfinding signs, coordinated marketing efforts, etc.			ongoing	Report in biennial review
L1	Historic Resources		Develop or Review and update Historic Preservation Ordinance, Inventory and Plan. Historic structures should be protected with enhanced stormwater management plans and flood minimization plans.	Historic Preservation Commission and Borough Committee	SHPO, Somerset County	Report on progress in biennial review	(Status of Historic Preservation...) Review the NJ Historical Commission's (NJ Department of State) grant program at <a href="http://www.nj.gov/state/divisions/historical/grants">http://www.nj.gov/state/divisions/historical/grants</a> . Work with SHPO to develop planning documents some guidance is provided at : <a href="https://www.nj.gov/dep/hpo/images/_MULT_DG_32_v2_ID14078r.pdf">https://www.nj.gov/dep/hpo/images/_MULT_DG_32_v2_ID14078r.pdf</a>

M1	Planning	*	Update the Community Facilities Plan	Planning Board	Technical assistance	3 years	
N1	Environmental Justice	*	Follow the requirements of EO23 pursuant to NJDEP guidelines to review, identify, and update documents as necessary.		NJDEP	1-3 years after provision of guidance	Monitor for changes in municipality that may warrant more environmental justice actions in the future.