# Community & Technical Advisory Committee

Meeting #1

Thursday, April 25th, 3-4 p.m.







### Agenda

- 1. Introductions
- 2. CIRCA Overview
- 3. "Resilient East Haddam" Project
- 4. Stakeholder Engagement
- 5. Information Sharing/Open Discussion/Q&A







### 1. Introductions

### **CTAC**

Margot Burns, Senior Environmental Planner - RiverCOG
David Byrd, General Manager - Goodspeed Opera
Bob Casner, Chair - East Haddam
Economic Development Commission
Rachel Colonni, Chatham Health District
Todd Gelston, Community Member
Cameron Hendry, East Haddam Redevelopment Agency
John Olin, East Haddam Conservation Commission
Michele Velez, Director of Public Works
James Ventres, East Haddam Land Use Office
Jeff Wolter, Chairman - Goodspeed Opera

### **CIRCA**

John Truscinski, Director of Resilience Planning
Nicole Govert, Project Lead Community Resilience Planner
Mary Buchanan, Community Resilience Planner
Yaprak Onat, Associate Director of Research

### Kleinfelder

Neil Kulikauskas, Project Manager/Principal
Kyle Johnson, Assistant Project Manager, Resiliency Specialist
Greg Avenia, Principal Engineer
Dan Pasquale, Project Engineer, Modeling
Lizzy Norris, Project Engineer, Design
Kate Riley, Principal, Community Engagement Manager
Aaron D'Amario, GIS Professional







### 2. CIRCA Background

- The CT Institute for Resilience & Climate Adaptation (CIRCA) initiated Resilient CT in Fairfield and New Haven Counties 2018 2023. Program expanded to New London, Middlesex, Hartford, and Tolland Counties in 2021-2024.
- Goals are to support development of a statewide resilience project pipeline, increase coordination across municipal, regional, and state planning.
- Data & mapping tools to support project development including: Climate Change Vulnerability Index (CCVI) for flooding and heat, zones of shared risk, resilience opportunity areas.
- EJ projects include creation of a statewide EJ Screen mapping tool in partnership with DEEP/DPH and EJ community organizations, and Climate & Equity Grants program w/ DEEP.



### 3. "Resilient East Haddam" Project

Project Goals

Project Overview

Scope of Study

Challenges and Limitations

Schedule





# **Project Goals**

# Develop adaptation strategies to mitigate the long-term impacts of climate change that are:

- Scientifically informed
- Able to be implemented
- Have identified funding sources wherever possible
- Align with State and Federal climate resilience programs

### The Primary Objectives are to:

- Identify interventions (such as floodplain creation, flood protection measures, etc.) to reduce flood risks to Goodspeed facilities and the Town's WWTP; and
- Identify new locations for Goodspeed rehearsal and administrative buildings that could be pursued using funds identified by this study.





# roject



### Resilient Connecticut 2.0 Phase II

Regional Adaptation/Resilience Opportunity Areas

Name: Goodspeed / Succor Brook

Location: East Haddam

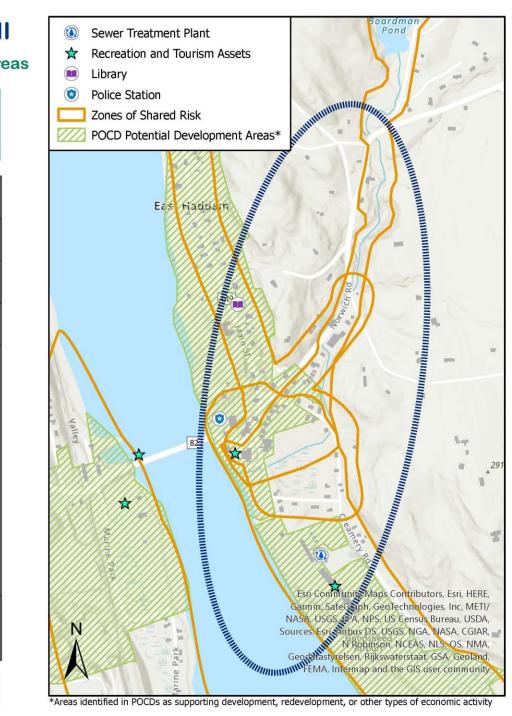
Consideration	Ch	aracte	eristic	s of A	rea
Flood Vulnerability					
Heat Vulnerability					
Social Vulnerability					

East Haddam residents have identified flooding from Succor Brook as a persistent concern for the center of town. This brook periodically overtops its banks, and past flash floods have impacted structures associated with the Goodspeed Opera House, including the actor housing, library of musical theater, and rehearsal studio. The Goodspeed is a regional asset that brings 80,000 - 100,000 visitors to East Haddam every year. Additional community assets in this area include the town's police department, sewer treatment plant, and public library, the latter of which can be used as a cooling center when needed.

Goodspeed Opera House Goodspeed Airport East Haddam Police Department Rathbun Free Memorial Library East Haddam Sewer Treatment Plant









### Wastewater Treatment Plant





# Goodspeed Footbridge





# **Pump Station**





# **Lumber Yard Road Crossing**





# **Creamery Road Crossing**





# Creamery Road Crossing – 1/10/2024



# **Actor Housing**







### Rehearsal Studio













# Rehearsal Studio – 1/10/2024







### Scope of Study

### **Stakeholder Engagement**

- Community Technical Advisory Committee (CTAC)
- Public Workshops

### **Current and Future Conditions Analysis**

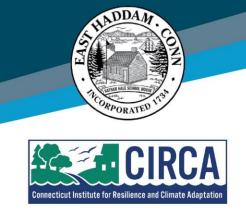
- Calibrate to current conditions, flooding impacts
- Predict the effects from increased rainfall

### **Adaptation Options Evaluation**

• Buildings, Succor Brook, and WWTP

Cost-Benefit Analysis and Final Recommendations





### Challenges & Limitations

### **Challenges:**

- Funding
- Limited Available Space
- Union Restrictions (re: Relocations)
- Permitting (Floodplain Adaptation)
- Building Resiliency (Funding)

### **Limitations:**

- Succor Brook and WWTP
- Concepts only





### **Project Schedule**

- Current And Future Conditions Analysis June 2024
- Adaptation Options and Concept Designs December 2024
- Benefit/Cost Analysis January 2025
- Final Report February 2025







### 4. Public Engagement

CTAC Meetings
Public Workshops





## CTAC Meetings

- **Meeting 1 (Today)** Evaluate and discuss existing and future climate conditions analysis and impact of flooding.
- **Meeting 2 (Early-July)** Establish and review priorities and discuss trade-offs and compromises.
- **Meeting 3 (Early-October)** Presentation and interactive discussion of adaptation option alternatives for priority areas.
- **Meeting 4 (Early-January)** Presentation and review of the preliminary draft report and steps to complete the project.





### Public Workshops

- Two Public Workshops to share information, gather feedback, and develop consensus
  - Workshop 1: Present project, discuss existing and future conditions, get feedback about community needs and priorities.
  - Workshop 2: Interactive discussion about specific adaptation alternatives.
- We will also provide educational content for town website, social media, and informational flyers.







# 5. Information Sharing/Open Discussion/Q&A



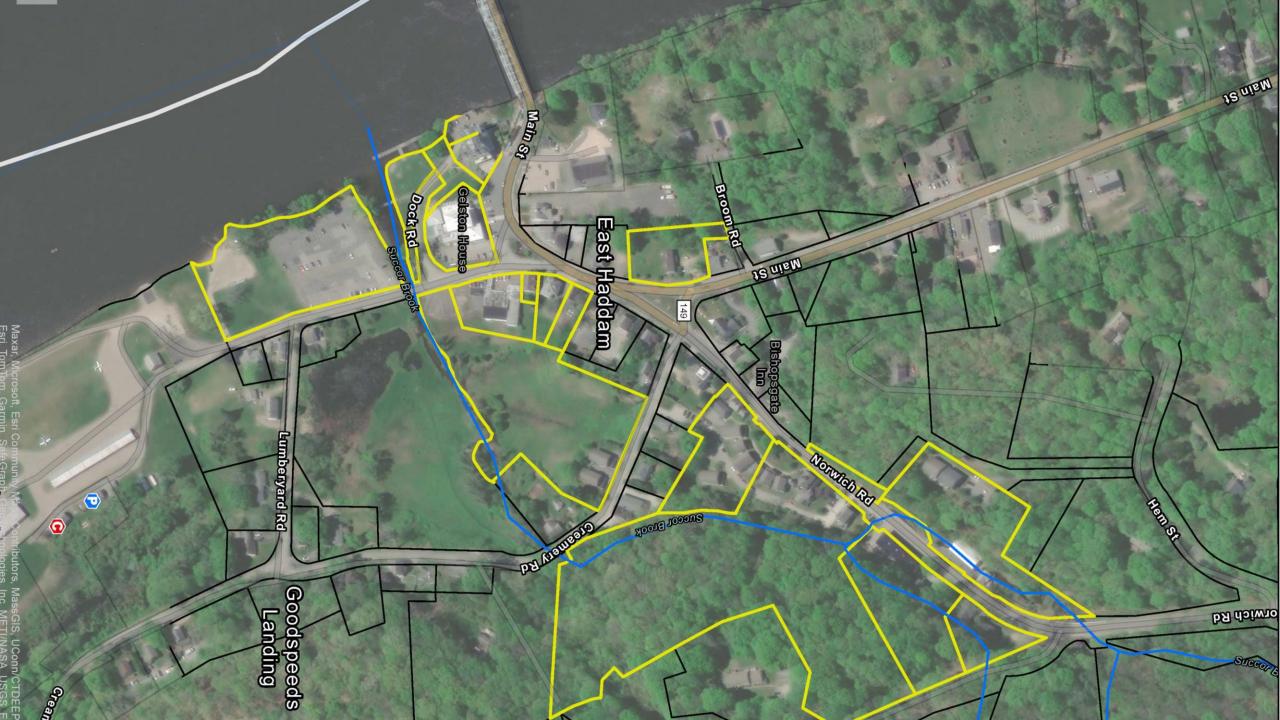




### **End of Presentation**







	A C M AI		Duration	Finish	Feb 202	24 Mai	2024	Apr 2	024	May 20	024 Ju	un 20	)24 J	lul 20	24	Aug 2	2024	Sep	t 202	4 0	ct 202	4 No	v 202	4 De	c 2024	4 Jan	2025	Feb	2025
ľ	Activity Name	Start Date	(Work Days)	Date	28 4 11 18	25 3 1	0 17 24 3	1 7 1	42128	3 5 12	19 26 2	9 1	623 30	7 14	21 28	4 11	18 25	1 8	152	2 29 6	13 20	27 3	10 17	24 1	8 15 22	29 5	12 19 20	26 2 9	16 23
1	Contract Award	2/9/24	0.00	2/9/24																									
2	Task 1 - Project Management	2/12/24	260.00	2/7/25																									
3	1.1 Coordination	2/12/24	259.00	2/7/25																									
4	1.2 Develop Project Schedule	2/12/24	5.00	2/16/24																									
5	1.3 Monthly PM Meetings	3/1/24	241.00	2/3/25																† †									
18	Task 2 – Stakeholder Engagement	3/4/24	227.00	1/15/25																									
19	2.1 Advisory Committee	3/4/24	227.00	1/15/25																-							<b>V</b>		
20	Identification of Technical Advisory Committee	3/4/24	20.00	3/29/24																									
21	TAC Meeting 1 - Climate Impact and Flooding	4/25/24	0.00	4/25/24																									
22	TAC Meeting 2 - Priorities and Compromises	6/12/24	0.00	6/12/24																									
23	TAC Meeting 3 - Adaptation Alternatives	10/16/24	0.00	10/16/24																									
24	TAC Meeting 4 - Preliminary Draft Report	1/15/25	0.00	1/15/25																									
25	2.2 Public Workshops	6/26/24	105.00	11/19/24																			-						
26	Workshop 1 - Scope, Existing and Future Conditions	6/26/24	0.00	6/26/24																									
27	Workshop 2 - Adaptation Alternatives	10/30/24	0.00	10/30/24																									
28	Public Engagement Memorandum	10/30/24	15.00	11/19/24																									
29	2.3 Outreach Materials	5/15/24	150.00	12/10/24																									
30	Task 3 – Current and Future Conditions Analysis	3/11/24	65.00	6/7/24																									
31	3.1 Review Previouis Tools and Plans	3/11/24	10.00	3/22/24																									
32	3.2 Review FEMA Resources	3/18/24	10.00	3/29/24																									
33	3.3 Existing Conditions along Succor Brook	4/22/24	20.00	5/17/24																									
34	Survey	4/29/24	5.00	5/3/24					1																				
35	3.4 Future Conditions along Succor Borrk	5/13/24	20.00	6/7/24																									
36	3.5 Existing and Future Conditions near WWTP	5/27/24	10.00	6/7/24																									
37	Task 4 - Adaptation Options and Conceptual	6/10/24	120.00	11/22/24								-											7						
38	4.1 Adaptation Options for Flood Mitigation at Buildings	6/10/24	30.00	7/19/24																									
39	4.2 Adaptation Options for Flood Mitigation along Succor Brook	7/22/24	30.00	8/30/24																									
40	4.3 Adaptation Options for WWTP Mitigation	9/2/24	20.00	9/27/24																						Ш			
41	4.4 Preferred Alternatives and Conceptual Design	9/30/24	40.00	11/22/24																								11	
42	Task 5 - Benefit/Cost Analysis	11/25/24	25.00	12/27/24																									
43	5.1 Develop Cost Opinions:	11/25/24	15.00	12/13/24																									
44	5.2 Develop Benefit/Cost Analysis	12/16/24	10.00	12/27/24																									
45	Task 6 - Final Report	12/30/24	30.00	2/7/25																									
46	6.1. Final Report	12/30/24	30.00	2/7/25																									
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