



# Progress Report on Climate Action Plan

October 21, 2020





# SUSTAINABILITY

## Climate Action Plan



# Overview

1. Key Findings
2. Progress on Climate Action
3. Next Steps



# Recommendation

That the Council receive the report and provide additional direction, as needed.

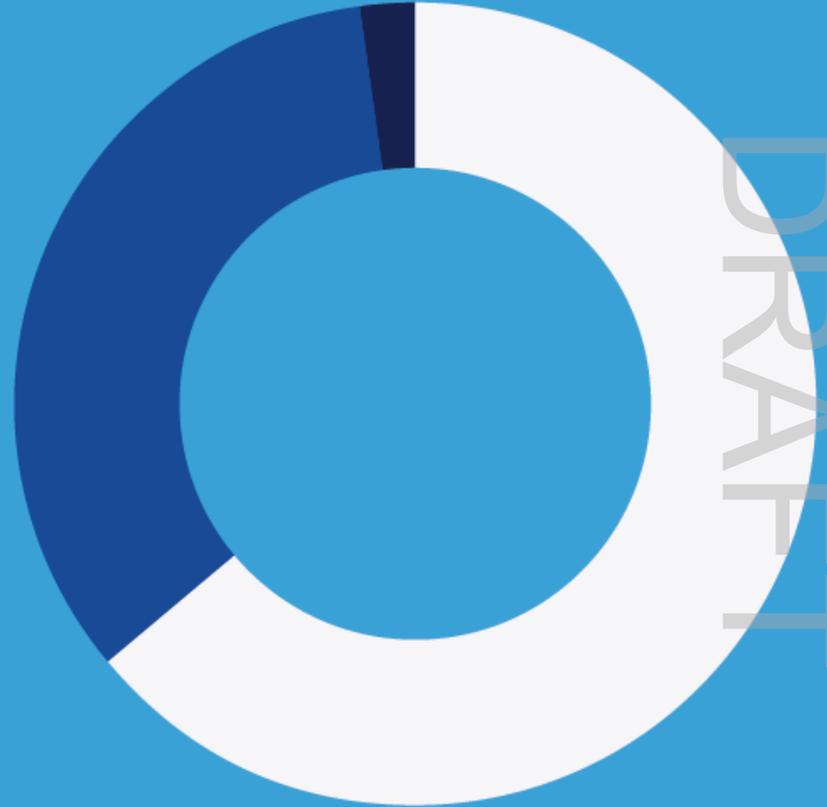


# 1. Key Findings

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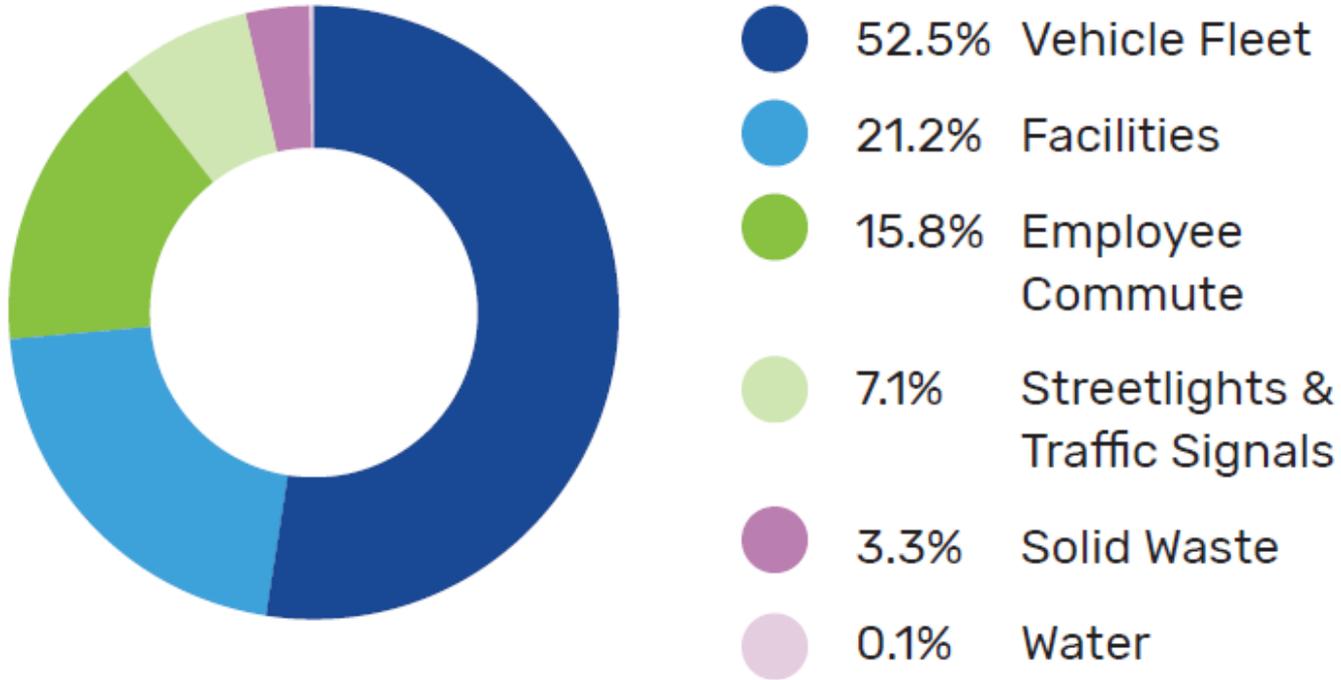
## Community Emissions

● Community	458,839
● Municipal	16,617
● UNC	239,871
<b>Total</b>	<b>698,710</b>



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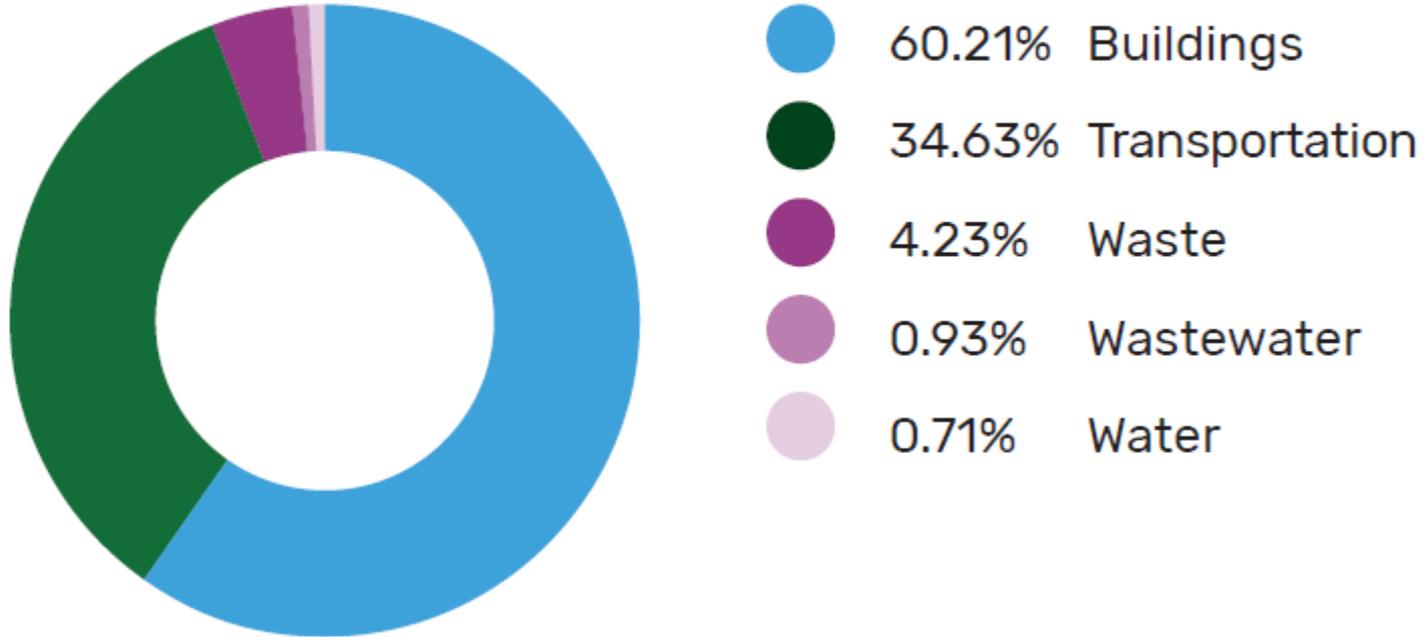
## Municipal GHG Emissions by Sector



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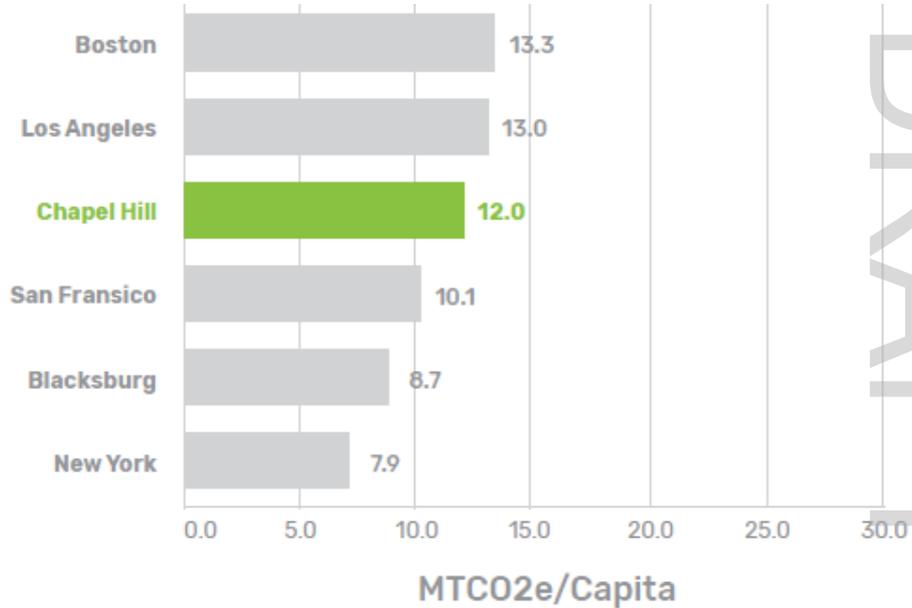
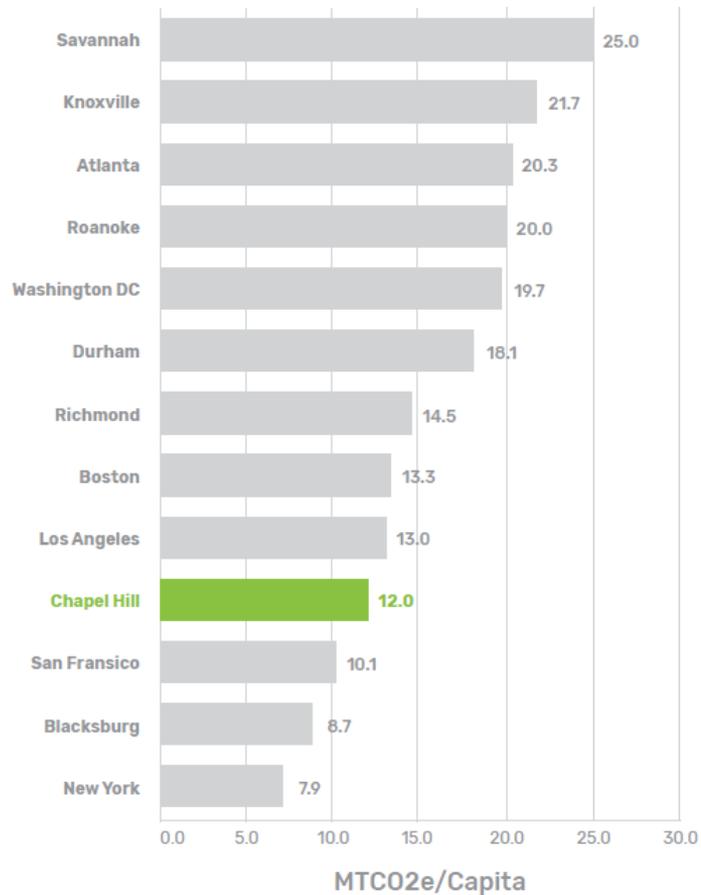
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## Community GHG Emissions by Sector



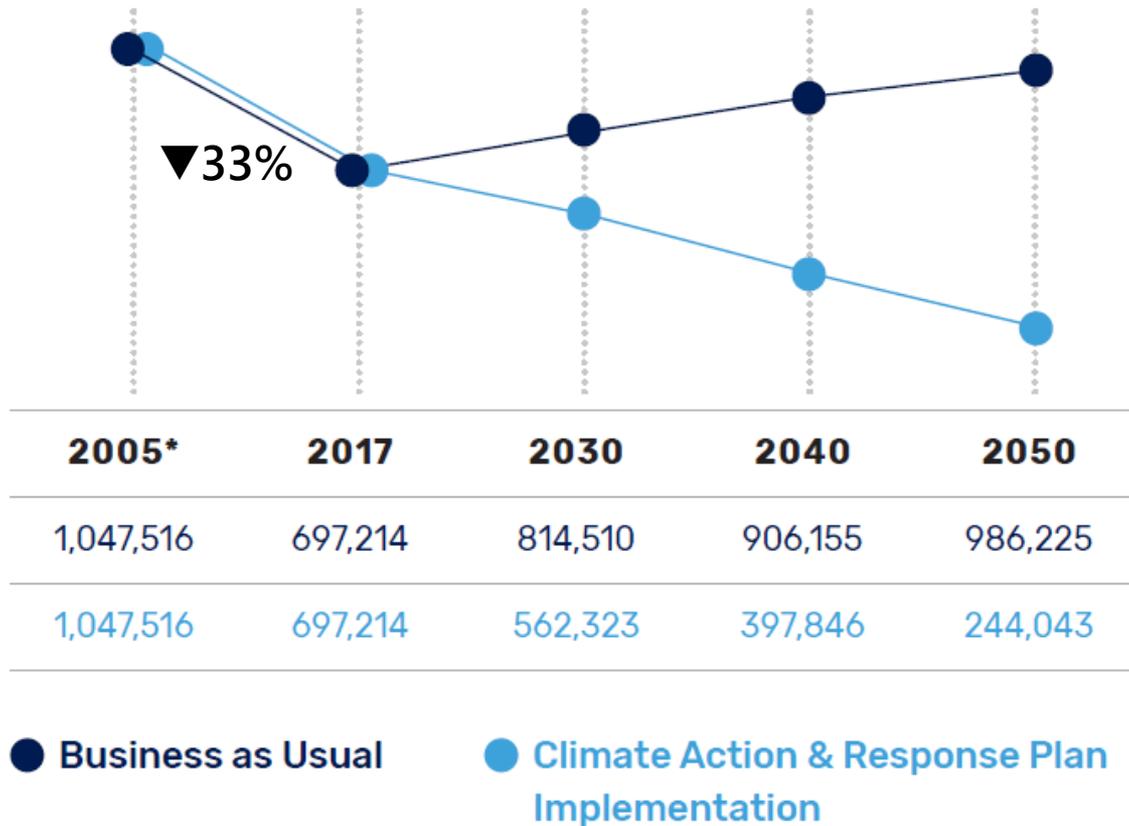
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## Community GHG Intensity Compared



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# GHG Projections



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**What actions will lower  
emissions the most?**

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**1. Greening the grid ▼38%**



**2. Sustainable development ▼14%**



**3. Electric vehicles ▼11%**



**4. Green building retrofits ▼8%**

## **2. Action Updates**

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# Taking Action Together



**Buildings  
& Energy**



**Transportation  
& Land Use**



**Waste, Water  
& Other**



**Resiliency**

**95% of Community emissions**

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# Taking Action Together



**Public Health**  
Improving our community's health and well-being as climate action improves environmental conditions.



**Equity/Climate Justice**  
Addressing inequities in climate change burdens on vulnerable community members and achieving an equitable distribution of climate action benefits.



**Resilience to Stressors**  
Improving our ability to bounce back and bounce forward in the face of climate change.



**Regional Partnerships**  
Working collaboratively across the region to take action.

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# LED Streetlights



# LED Park Lighting



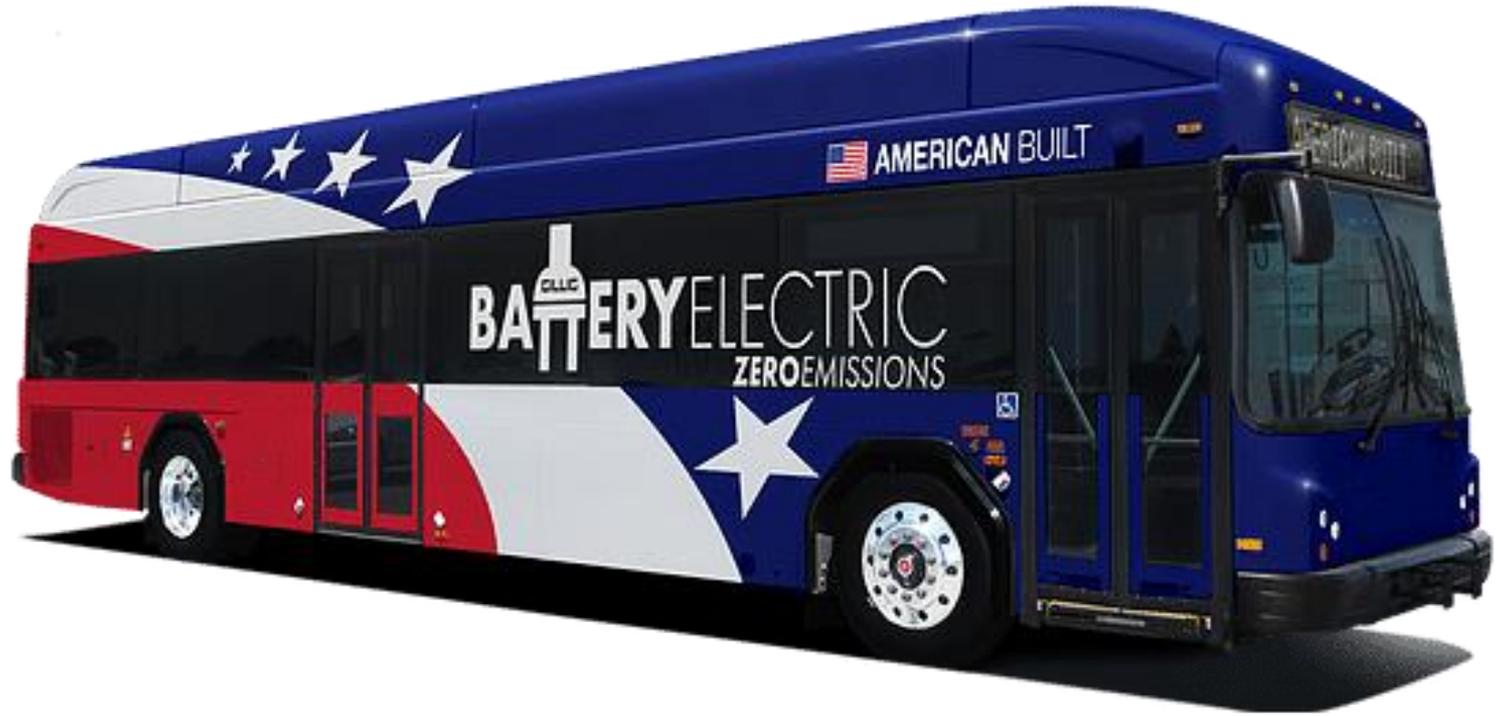
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# EV Charging + Greening the Grid



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# Electric Buses



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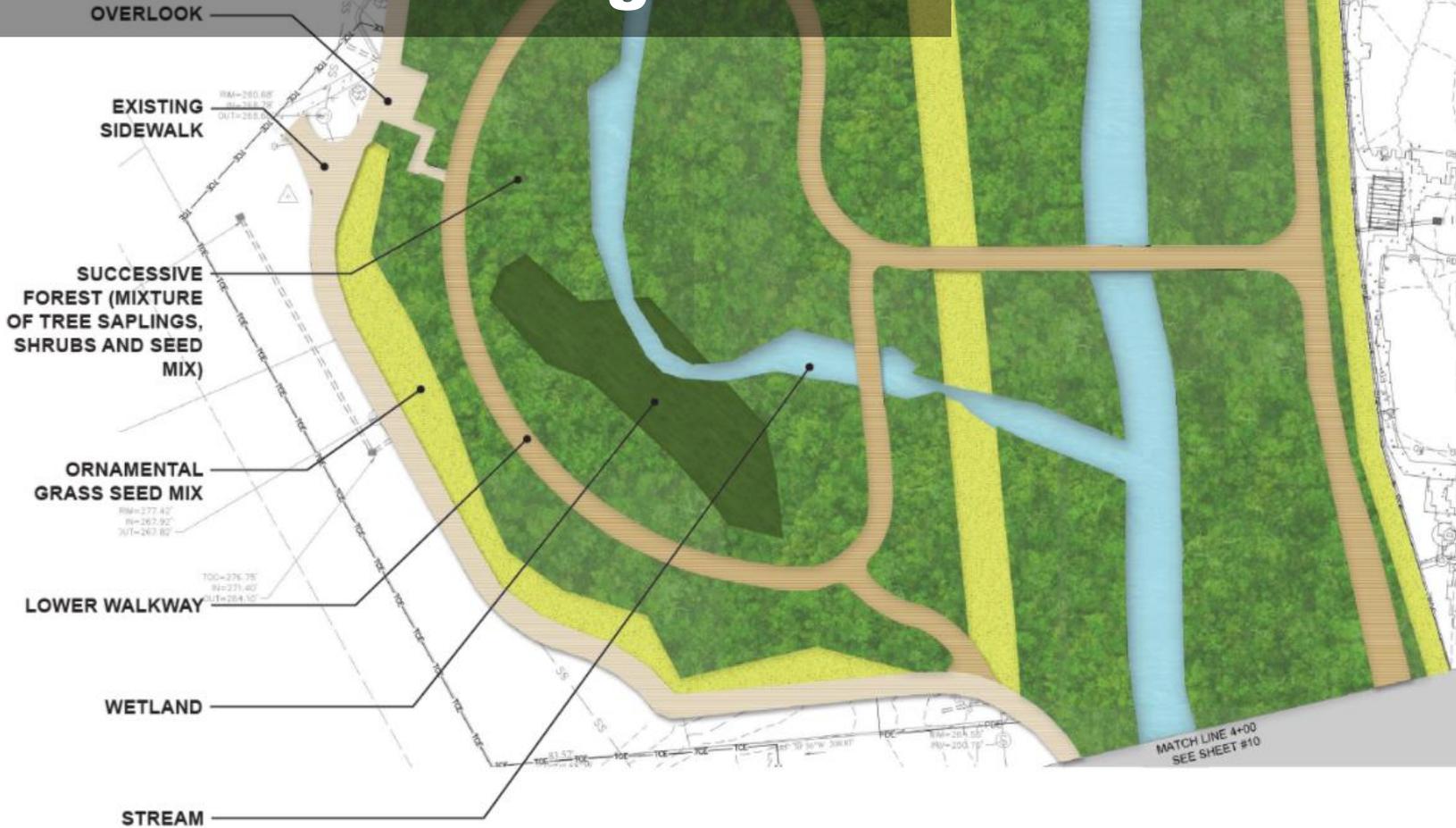
# EV Charging



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*Image courtesy of Wisconsin Public Radio*

# Booker Creek Storage Basin



# 3. Next Steps

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# Plan Progress to Date



- ✓ Complete Carbon Inventories for Community and Municipal Operations
- ✓ Hold Climate Action Summit
- ✓ Share project video with stakeholders
- ✓ Share community opinion survey
- ✓ Model carbon reduction solutions for impact potential and co-benefits
- ✓ Begin drafting plan elements

# Public Engagement



Metroquest Survey



Chapel Hill Climate Action Video



# Public Engagement

433/433



## SOSTENIBILIDAD Plan de Acción Climática



### Climate Action Opinion Survey



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# Next Steps

- Share the draft plan for public input (*November*)
- Meet with advisory boards to share draft plan (*November-December*)
- Finalize draft plan for Council review (*November-December*)
- Council considers plan adoption (*January*)





# SUSTAINABILITY

## Climate Action Plan

