

# City of Newton

Innovative Transportation Strategies

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MPO Meeting  
February 21, 2019  
Nicole Freedman



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1. Complete Streets
2. Shared Mobility
3. Village Enhancements
4. TDM & TOD



# 1. Complete Streets

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# Newton

## STREET DESIGN GUIDE

A Living Document

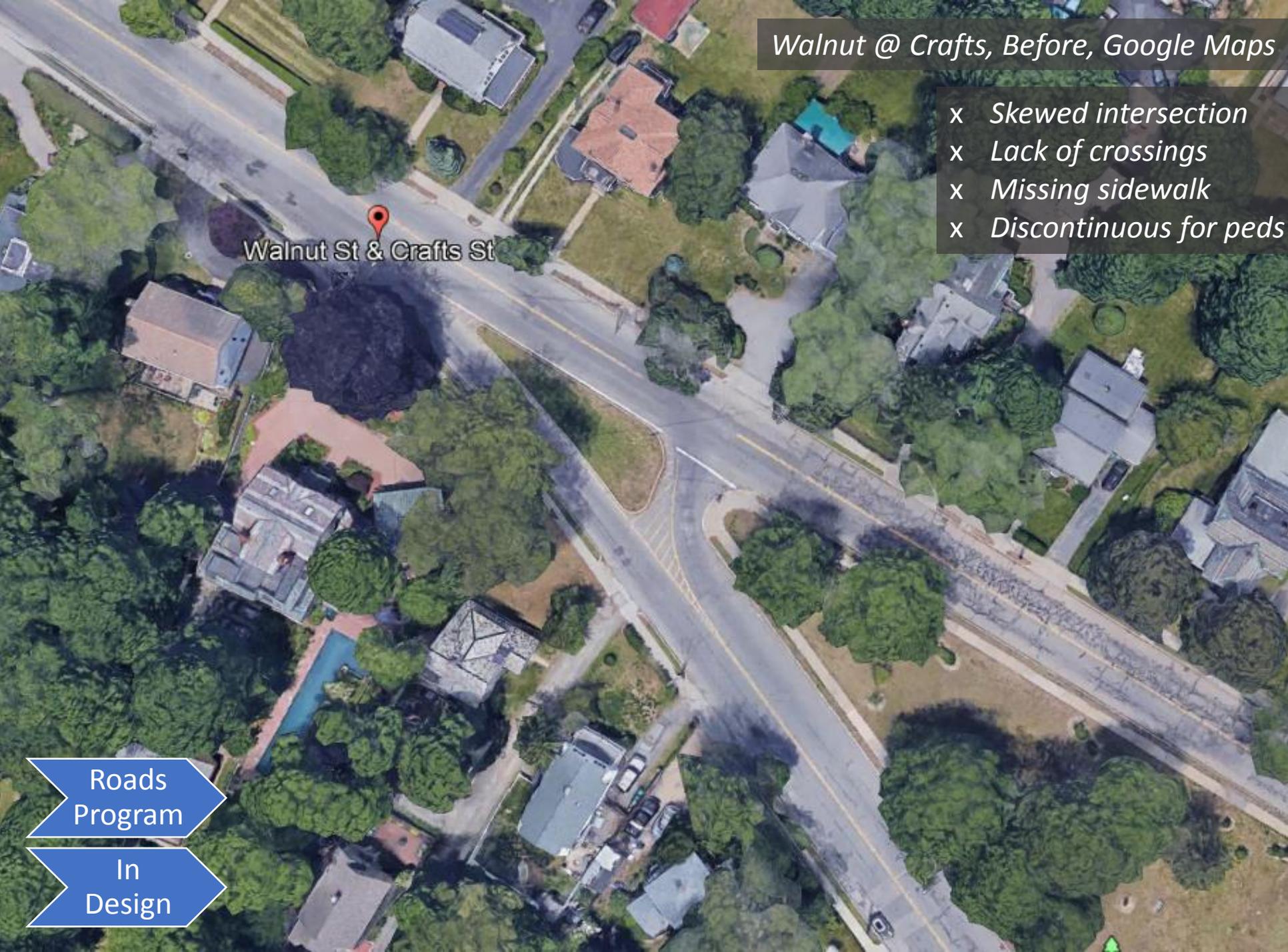
JUNE 2018

This Guide was made possible in part because of a Planning Assistance Grant from The Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs

- ✓ Adopted Complete Streets Policy
- ✓ Street Design Guide
- ✓ Complete Streets Working Group
- ✓ Project Review
- ✓ Funding

*Walnut @ Crafts, Before, Google Maps*

- x Skewed intersection*
- x Lack of crossings*
- x Missing sidewalk*
- x Discontinuous for peds*

An aerial photograph of a residential neighborhood showing a street intersection. A red location pin is placed at the intersection of Walnut St and Crafts St. The street layout is skewed, and there are visible gaps in the sidewalk and missing crossings. The area is filled with green trees and houses with various roof colors.

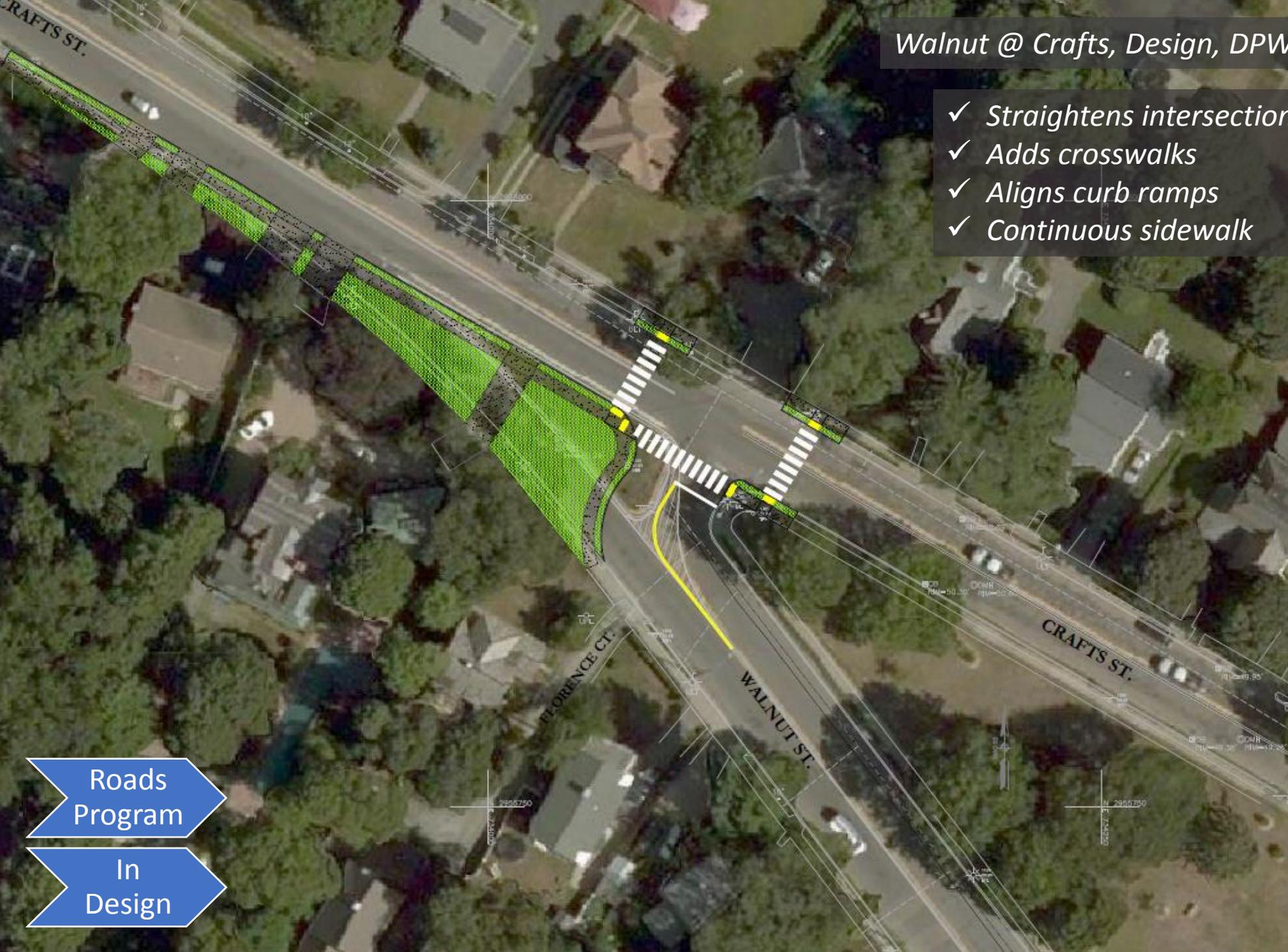
Walnut St & Crafts St

Roads  
Program

In  
Design

Walnut @ Crafts, Design, DPW

- ✓ Straightens intersection
- ✓ Adds crosswalks
- ✓ Aligns curb ramps
- ✓ Continuous sidewalk



Roads  
Program

In  
Design

*Lowell @ Walnut, Before, Google Earth*

- x Skewed intersection*
- x Long crossings*
- x Discontinuous for peds*

Roads Program

In Design

# Lowell @ Walnut, Design, DPW

- ✓ Straightens intersection
- ✓ Adds crosswalks
- ✓ Shortens crossings
- ✓ Aligns curb ramps
- ✓ Continuous N side



Roads Program

In Design

Inc. *Fairway @ Waltham, Before, Google Maps*

- View - Aug 2011
- x *Speeding*
  - x *Challenging crossing*
  - x *"Near misses"*



Traffic Calming

Pilot Installed

## Fairway @ Waltham, After, Planning

- ✓ Lateral shift
- ✓ Pedestrian refuge island
- ✓ Speed feedback display sign



Traffic  
Calming

Pilot  
Installed

✓ 6 months

✓ 24 Project Reviews

✓ 6 Installed

✓ 4 Construction

✓ 8 In Design

Results

## 2. Shared Mobility

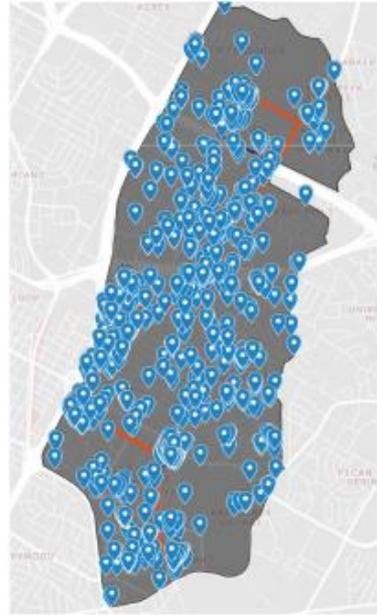
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## Senior Transportation

- ✓ Age In Place
- ✓ Customer Experience
- ✓ Technology Enabled
- ✓ Sustainable
- ✓ Cost-Effective



# What We Found

- ✓ On-Demand
- ✓ Dynamic - Shared Trips
- ✓ Door-to-Door
- ✓ Senior Training
- ✓ WAVE
- ✓ Known Drivers
- ✓ Phone service
- ✓ Expandable



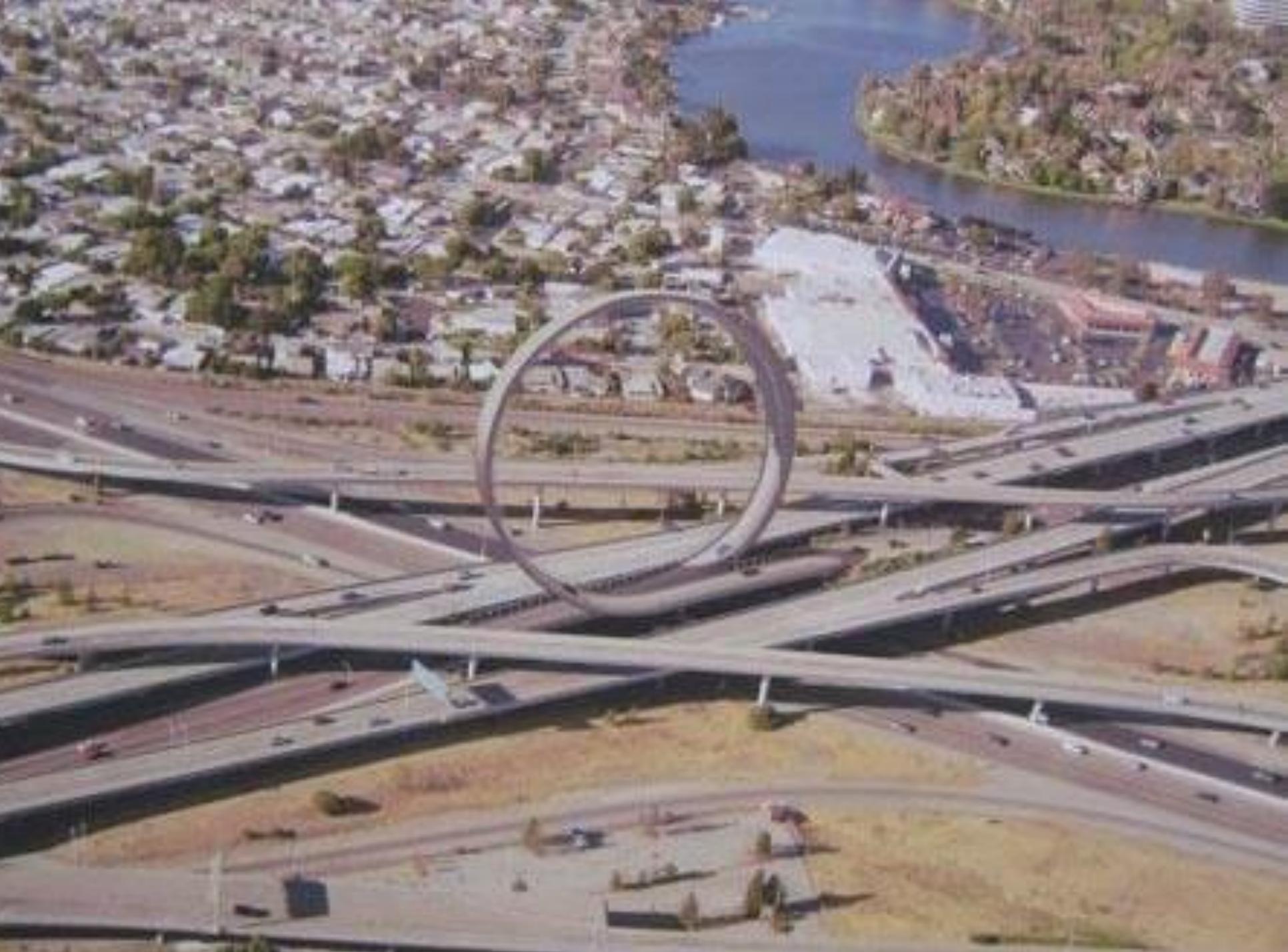


# 3. Village Enhancements

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# Washington St



# Bridge over Charles River



# Needham Street



# 4. TOD & TDM

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- ✓ Mode Share Goal
- ✓ Transit subsidies
- ✓ Shuttles/ microtransit
- ✓ Decoupled parking
- ✓ EV charging
- ✓ Car & bike share
- ✓ Bike/Ped
- ✓ Reporting



1 NEWTON CENTER  
INBOUND TO GOVERNMENT CENTER

NEWTON CENTER

3605

8

8

MBTA  
NEWTON CENTER  
STATION  
INFORMATION  
SIGN

# Our Approach

- ✓ Core Principles
- ✓ Accountability
- ✓ Pilots
- ✓ Plan Big



# Thank You

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