



# Streetscape Improvements Phase VI Newington Town Center

Newington, CT

Public Information Meeting / Stakeholders Meeting

February 3, 2016

# Overview

## Tonight's Agenda

- Project Overview and History
- Review of Progress to Date
- Looking Ahead / Next Steps

# Project Team



**Kurt Prochorena, PE, LEP, LEED AP – Principal**

- ✓ 25 years of civil engineering, design, and construction project experience in the public and private sectors



**Robert Pinckney, PE – Project Manager**

- ✓ 20 years of transportation engineering experience



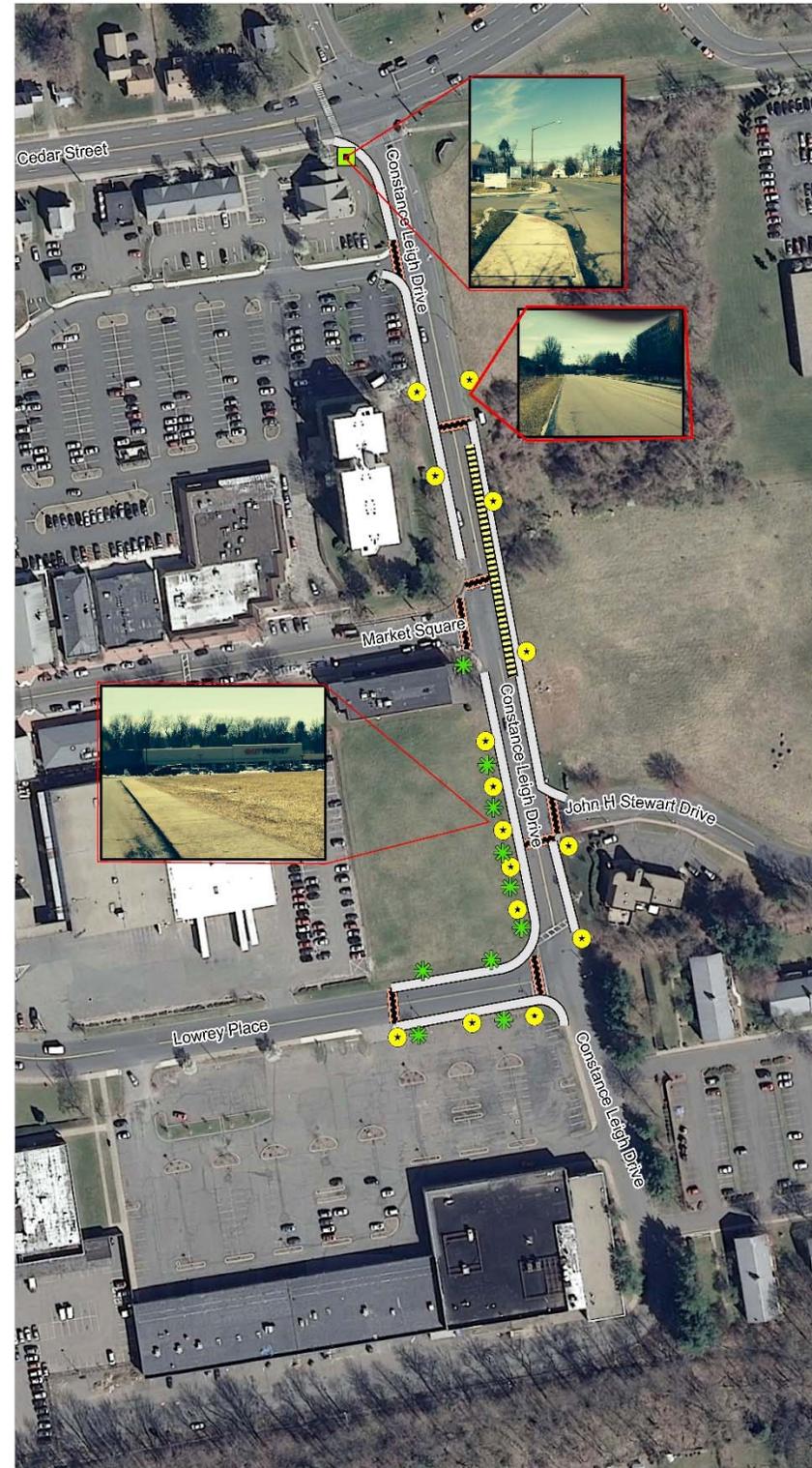
**Frank J. Vacca, PE – Construction Inspector**

- ✓ 8 years of engineering experience in Connecticut
- ✓ Newington Resident

# Streetscape Improvements Phase VI

# Overview & History

- Town completes Market Square & Municipal Parking Lot Projects
- Town applies for and obtains \$470K grant from DOH
- Town solicits project through public RFQ Process
- Town selects BSC for Design & Engineering Services



Grant Application Project Area  
Newton, Ct  
Constitution Square  
Constance Leigh Drive & Lowrey Place

### Legend

- New Sign
- 🌳 Tree
- ⦿ Sternberg Light
- Concrete Walk
- ▬ Paver Walk
- ▬ Parking



0 50 100  
Feet

Printed:  
4/10/2015

# Project Goals

- **Improve experience for all corridor users**
  - Motor Vehicle
  - Bicycle
  - Pedestrian
- **Continue Streetscape theme from Market Square**
  - Sidewalks, curb and gutter, and pedestrian ramps
  - Crosswalks and pedestrian linkages to existing businesses
  - Street lighting
  - Landscaping, street trees, and planters
  - Benches, trash receptacles and recycling containers
- **Encourage increased use of the bus services**

# Alternatives Investigation

- **Development of Existing Conditions Survey**
- **Design Team Working Sessions**
  - September 17, 2015
  - November 4, 2015
  - December 10, 2015
- **Evaluation of Design Components**
  - On Street Parking
  - Median
  - Bike Lane or Shared Use
  - Roadway Reconstruction
  - ROW constraints
  - Amenities – type / frequency / location

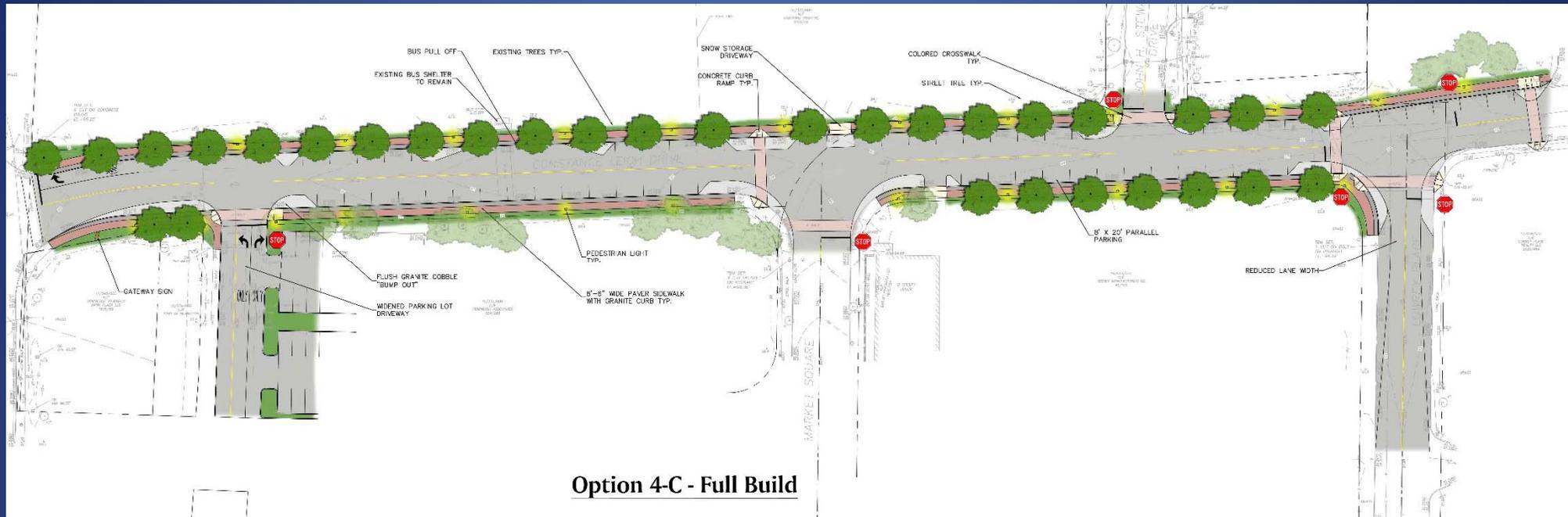
# Alternatives Investigation

## ■ Evaluation of Alternatives

- Develop schematic plans for 10 Alternatives
- 10 Alternatives reduced to 2 Preferred Alternatives
- Option 4C identified as the Selected Alternative

														
	Program (Parking/Bicycle)	Sidewalk	Parking	Bicycle	Vehicle Lane	Median	Vehicle Lane	Bicycle	Parking	Sidewalk				
Existing	Existing Conditions	0	0	0	20	0	20	0	0	6.5	=	40	46.5	60
Option 1	Two-Way Travel, Two-Way Bike, On-Street Parking 1 Side (Parallel)	5.5	8	5	11	0	11	5	0	10	=	40	55.5	60
Option 2	Two-Way Travel, Two-Way Bike, Median	5.5	0	5	11	8	11	5	0	10	=	40	55.5	60
Option 3	Two-Way Travel, One-Way Bike, On-Street Parking 1 Side (Parallel), Median	5.5	8	5	11	5	11	0	0	10	=	40	55.5	60
Option 4	Two-Way Travel, On-Street Parking Both Sides (Parallel)	5.5	8	0	12	0	12	0	8	10	=	40	55.5	60
Option 5	Two-Way Travel, On-Street Parking 1 Side (Perpendicular)	5.5	18	0	11	0	11	0	0	10	=	40	55.5	60
Option 6	One-Way Travel, Two-Way Bike, On-Street Parking 1 Side (Perpendicular)	5.5	18	0	11	0	0	11	0	10	=	40	55.5	60
Option 7	Increase Roadway Width	5.5	8	5	11	0	11	5	8	10.5	=	48	64.0	60
Option 8	Increase Roadway Width and Realign Roadway	5.5	8	5	11	0	11	5	8	5.5	=	48	59.0	60
Option 9	Ideal Roadway Layout	10.5	8	7	11	10	11	7	8	10.5	=	62	83.0	60
Option 10	Two-Way Shared Use, On-Street Parking 1 Side (Parallel), Median	5.5	8	0	12	8	12	0	0	11.5	=	40	57.0	60
Option 11	Two-Way Shared Use, On-Street Parking 1 Side (Parallel)	5.5	8	0	12	0	12	0	0	19.5	=	32	57.0	60

# Full Build



- Flush-mount granite and cobble “Bump-outs”
- Colored crosswalks
- 8’ paver sidewalk w/ Granite Curb
- Street Trees
- Parallel parking
- Pedestrian lamp posts
- Various handicap accessibility improvements
- Reduced lane width at the termination of Lowrey Place at Constance Leigh Drive
- Widened Market Square parking lot driveway



Option 4-C Full Build, Looking South  
 Constance Leigh Drive Streetscape Improvements



Newington, CT

date  
01/18/16

scale  
Not To Scale

300 Winding Brook Drive, Glastonbury, CT 06033  
860-652-8227

Civil Engineering, Landscape Architecture, Surveying,  
Planning, GIS and Ecological Sciences



# Alternatives Investigation

- **Estimate of Option 4C Developed**
  - Cost for complete corridor > \$470K Grant
  - Develop Phasing Concepts to balance Cost:
    - West Side Only
    - Segmental
    - Reduced Amenities
- **Design Team reviewed Selected Alternative & Phasing Concepts with:**
  - Mayor and Town Manager
  - Town Council

# West Side Only



**Option 4-C - West Side Only**

Details for west side of roadway:

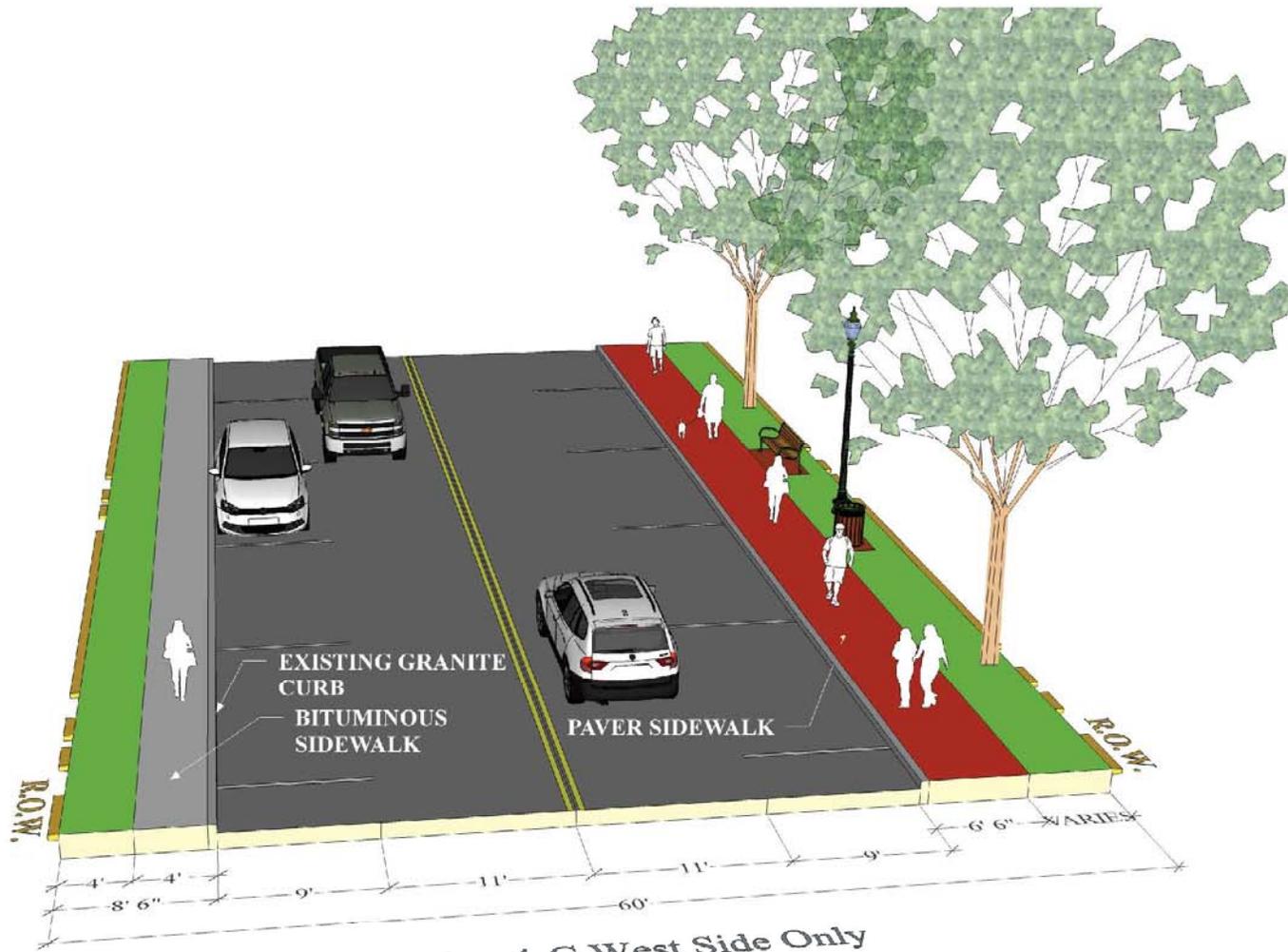
- Flush-mount granite and cobble “Bump-outs”
- Colored crosswalks
- 6’ paver sidewalk w/ Granite Curb
- Street Trees
- Pedestrian lamp posts
- Various handicap accessibility improvements
- Reduced lane width at the termination of

Lowrey Place at Constance Leigh Drive

- Widened Market Square parking lot driveway

Details for east side of roadway:

- Painted “Bump-outs” & Crosswalks
- 4’ bituminous concrete sidewalk
- Maintain existing curb



Option 4-C West Side Only

Option 4-C West Side Only, Looking South  
 Constance Leigh Drive Streetscape Improvements



Newington, CT

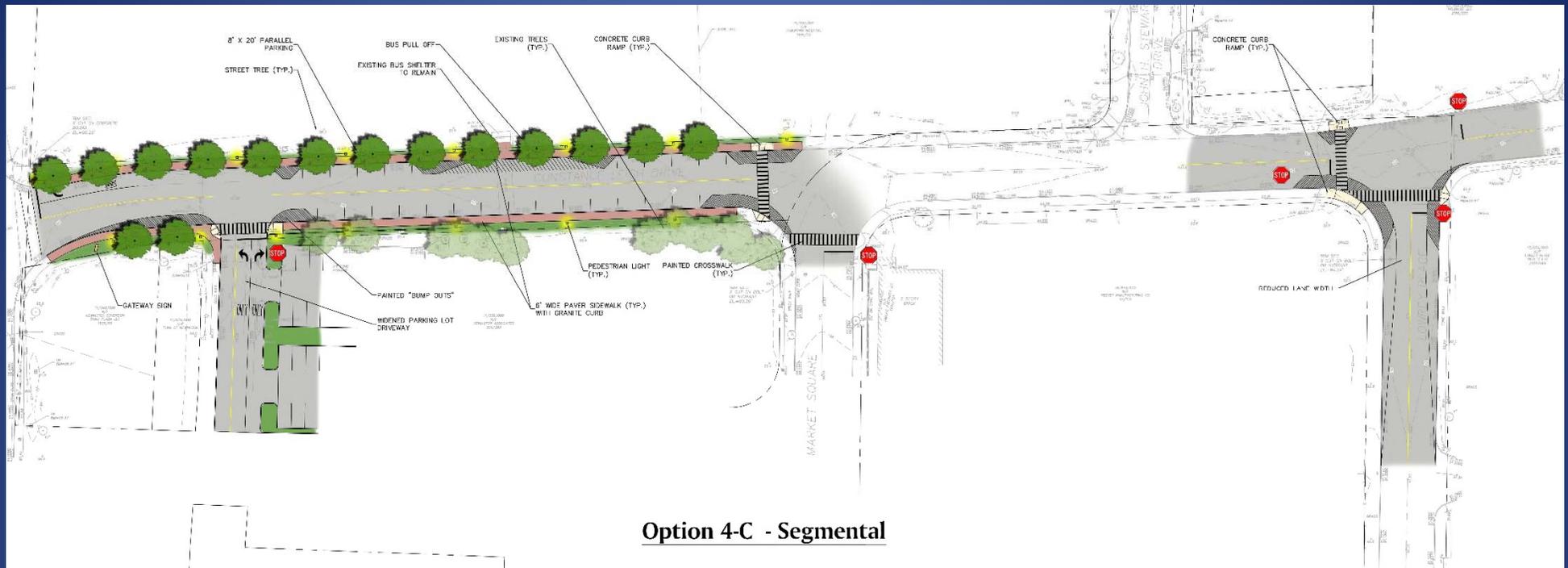
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# Segmental



**Option 4-C - Segmental**

- Painted “Bump-outs” & Crosswalks
- 6’ paver sidewalk
- Granite Curbing
- Pedestrian lamp posts
- Parallel parking on both sides
- Various handicap accessibility improvements
- Reduced lane width at the termination of Lowrey Place at Constance Leigh Drive
- Widened Market Square parking lot driveway
- NO improvements between Market Square and Lowrey Place



Option 4-C Segmental

Option 4-C Segmental, Looking South  
 Constance Leigh Drive Streetscape Improvements



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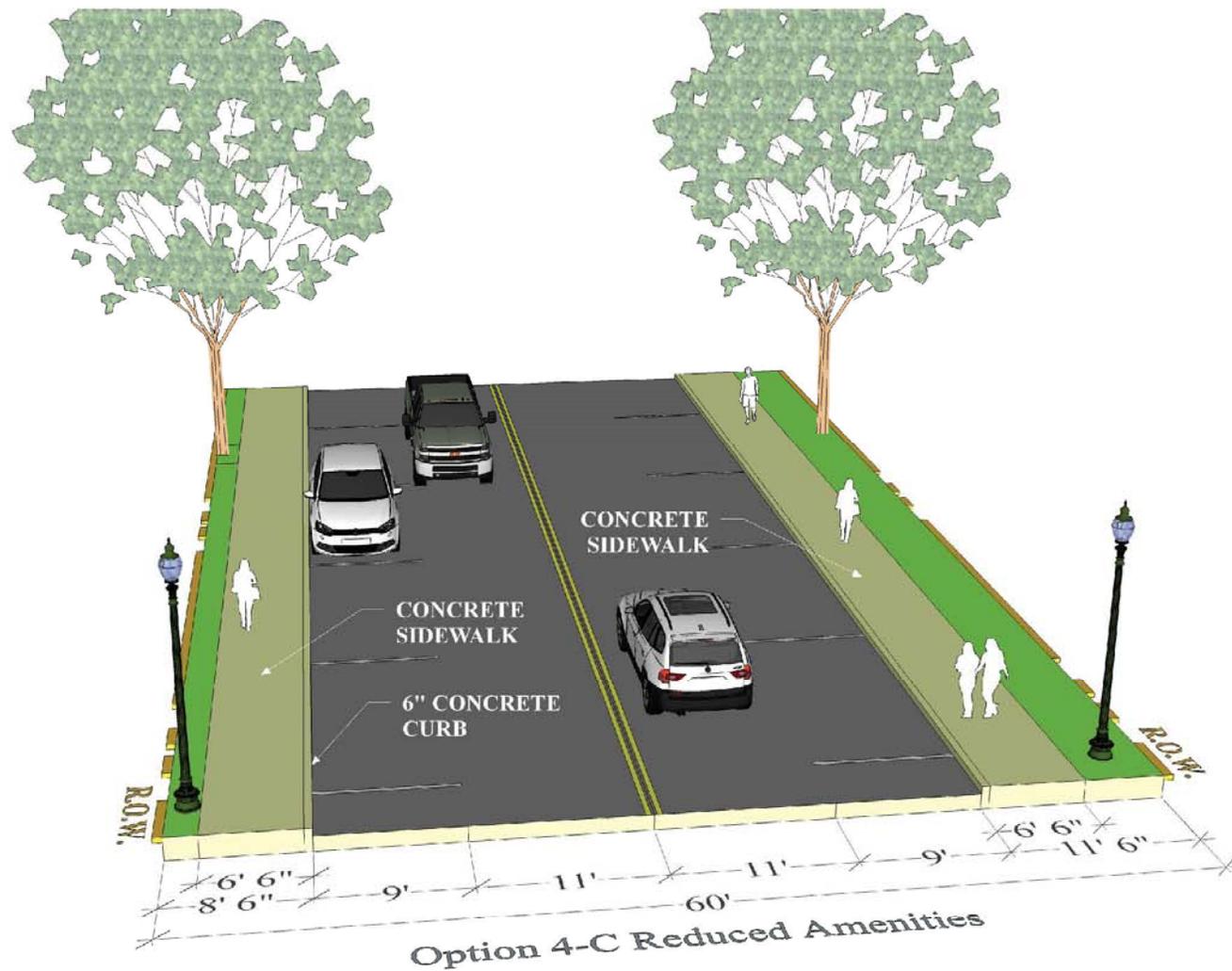


# Reduced Amenities



Option 4-C - Reduced Amenities

- Painted “Bump-outs” & Crosswalks
- 6’ concrete sidewalk w/ Concrete Curb
- Limited Pedestrian lamp posts
- Limited Street Trees
- Parallel parking on both sides
- Various handicap accessibility improvements
- Reduced lane width at the termination of Lowrey Place at Constance Leigh Drive
- Widened Market Square parking lot driveway



Option 4-C Reduced Amenities, Looking South  
 Constance Leigh Drive Streetscape Improvements



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# Next Steps

- **Completion of Preliminary Design Phase**
- **Final Design Phase**
- **Advertising / Bidding Phase**
- **Construction Phase**

# Community Input

- **Please Email Question or comments to:**

Rob Pinckney

BSC Group

[rpinckney@bscgroup.com](mailto:rpinckney@bscgroup.com)

- **Please submit questions / comments by:**

February 10, 2016

- **Information available:**

Town of Newington Website: <http://www.newingtonct.gov>