Town Center Streetscape & Battle Green Project

Lexington, MA

Project Update

Public Meeting
March 18, 2014

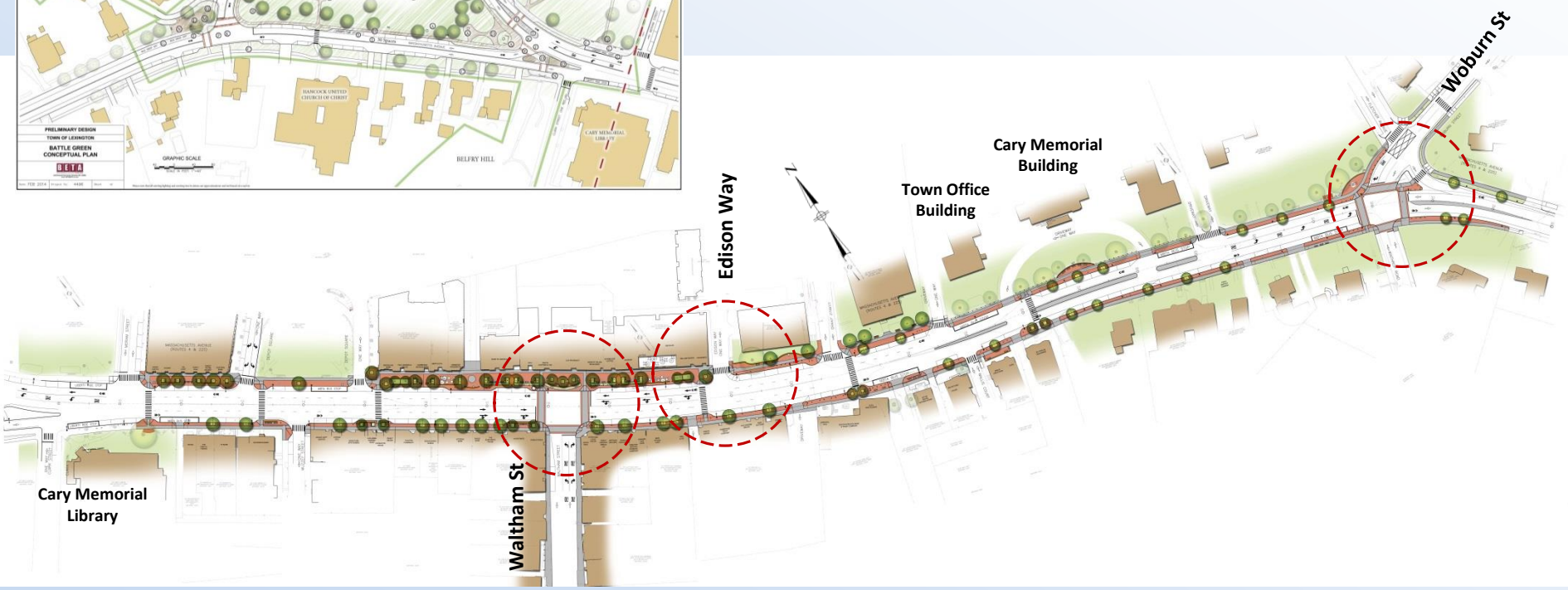
Project Coordination Meetings

Date	Committees
6/24/2013	Transportation Forum
8/8/2013	Center Committee
9/10/2013	Streetscape Working Group
9/30/2013	Streetscape Working Group
11/25/2013	Streetscape Working Group
12/5/2013	Public Meeting Workshop
12/19/2013	Streetscape Working Group (debrief public workshop)
1/9/2014	Streetscape Working Group (on Battle Green)
1/9/2014	Disabilities Committee
1/18/2014	Battle Green Representatives
2/14/2014	Coordination Meeting with Nelson Nygaard on Parking Study
2/20/2014	Battle Green Representatives
2/28/2014	Tourism Committee
3/11/2014	Pre-BOS meeting with Town Manager
3/12/2014	Property Owners Meeting
3/12/2014	Streetscape Working Group-Lighting

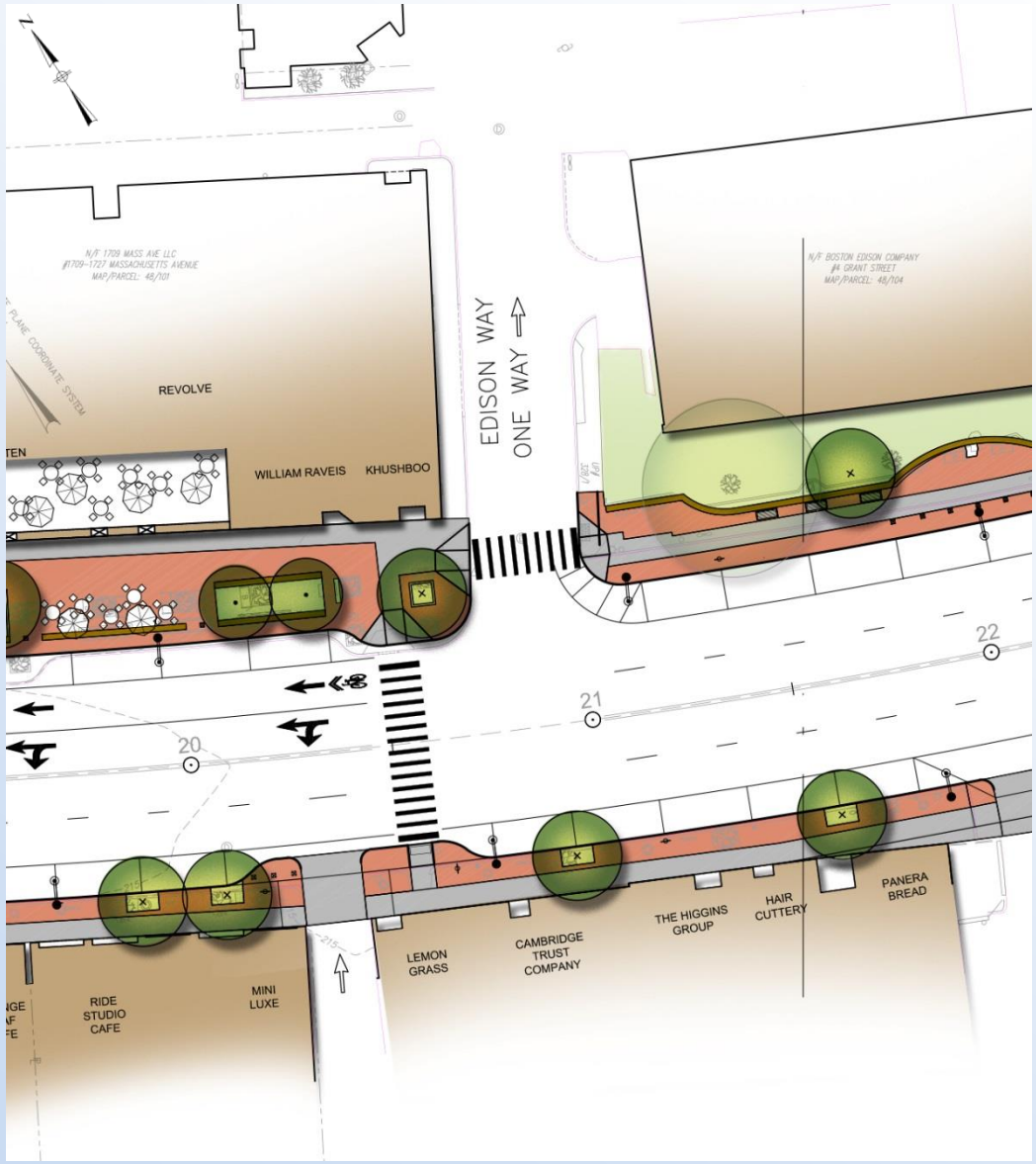
Presentation Outline

- Town Center/Battle Green
  - Traffic Safety Improvements
    - Pedestrians, Bicycles & Vehicles
  - Streetscape Improvements
    - Overall Concept
    - Lighting
    - Walkway/Crosswalk Treatment
    - Amenities (seating, gathering areas, trees...etc)

Overall Plan



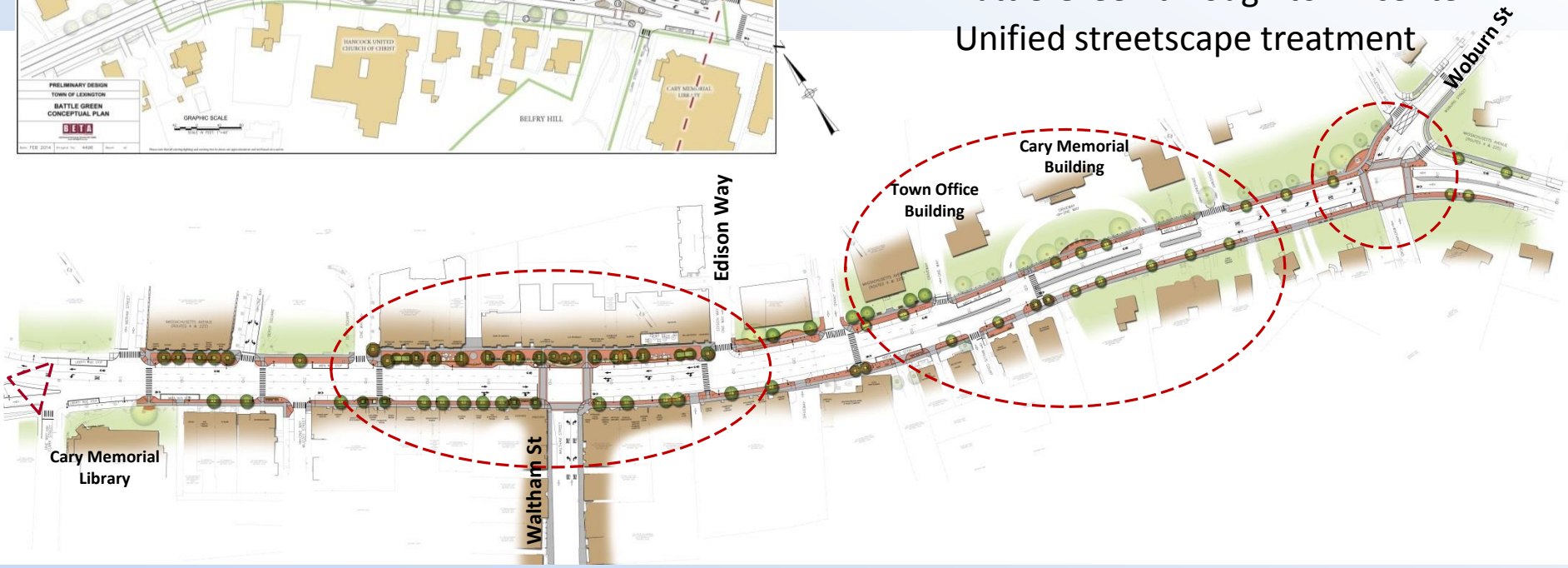
BANK OF AMERICA
DCU
PEET'S COFFEEE & TEA
CVS PHARMACY
MARIO'S ITALIAN RESAURANT
STARBUCKS COFFEE
NOURISH
CHYTEN
17
18
19
THE ELEPHANTS TRUNK
EYE LOOK
VALENTINE'S
RANCATORE'S
GOOD FEET
STEPHANIE LOUIS SALON
GREAT HARVEST BREAD CO.
ARTINIAN JEWLERS
SHADLEY ASSOCIATES
GREATER BOSTON RUNNING COMPANY
ORANGE LEAF CAFE
WALTHAM STREET
ONLY
ONLY
ONLY
ONLY


N/F 1709 MASS AVE LLC
#1709-1727 MASSACHUSETTS AVENUE
MAP/PARCEL: 48/101
REVOLVE
WILLIAM RAVEIS
KHUSHBOO
EDISON WAY
ONE WAY
N/F BOSTON EDISON COMPANY
#4 GRANT STREET
MAP/PARCEL: 48/104
20
21
22
RIDE STUDIO CAFE
MINI LUXE
LEMON GRASS
CAMBRIDGE TRUST COMPANY
THE HIGGINS GROUP
HAIR CUTTERY
PANERA BREAD

FLETCHER AVENUE
WOBURN STREET
MASSACHUSETTS AVENUE
(ROUTES 4 & 225)
MASSACHUSETTS AVENUE
(ROUTES 4 & 225)
DRIVEWAY
DRIVEWAY
MBTA BUS STOP
MBTA BUS STOP
WINTHROP ROAD
WINTHROP ROAD
FIRST
BAPTIST
CHURCH
29
30
31
32
33

Overall Plan

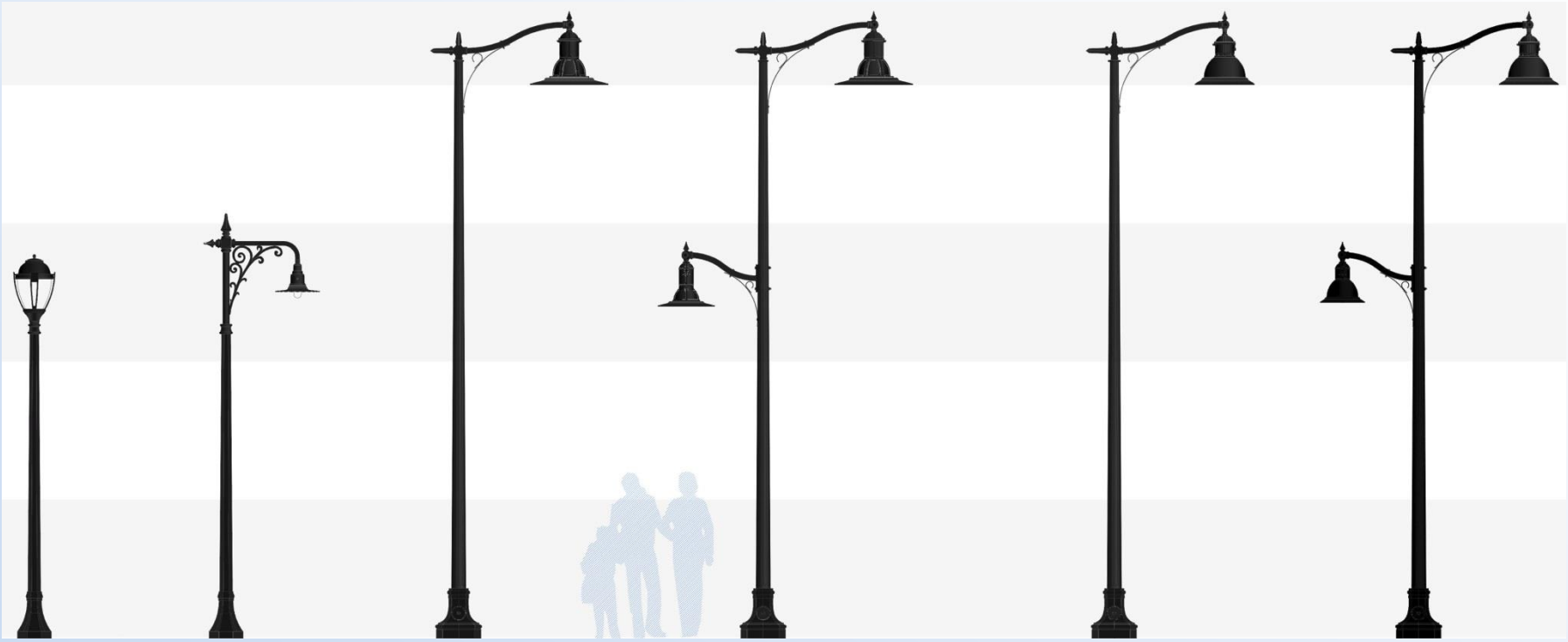
- Gateways/clear entry to town center
  - Woburn Street
  - Battle Green
  - Waltham Street
- Encourage visitors to walk through town center
  - Pedestrian friendly
  - Extend historic influence of Battle Green through town center
  - Unified streetscape treatment



Lighting Options

- American National Standard Practice for Roadway Lighting
- Approved by the Illuminating Engineering Society of North America (IESNA)

Lighting Options



PEDESTRIAN POST TOP (LEXINGTON TOWN OFFICES)

DEPOT SQUARE

ROADWAY PENDANT - FLAT

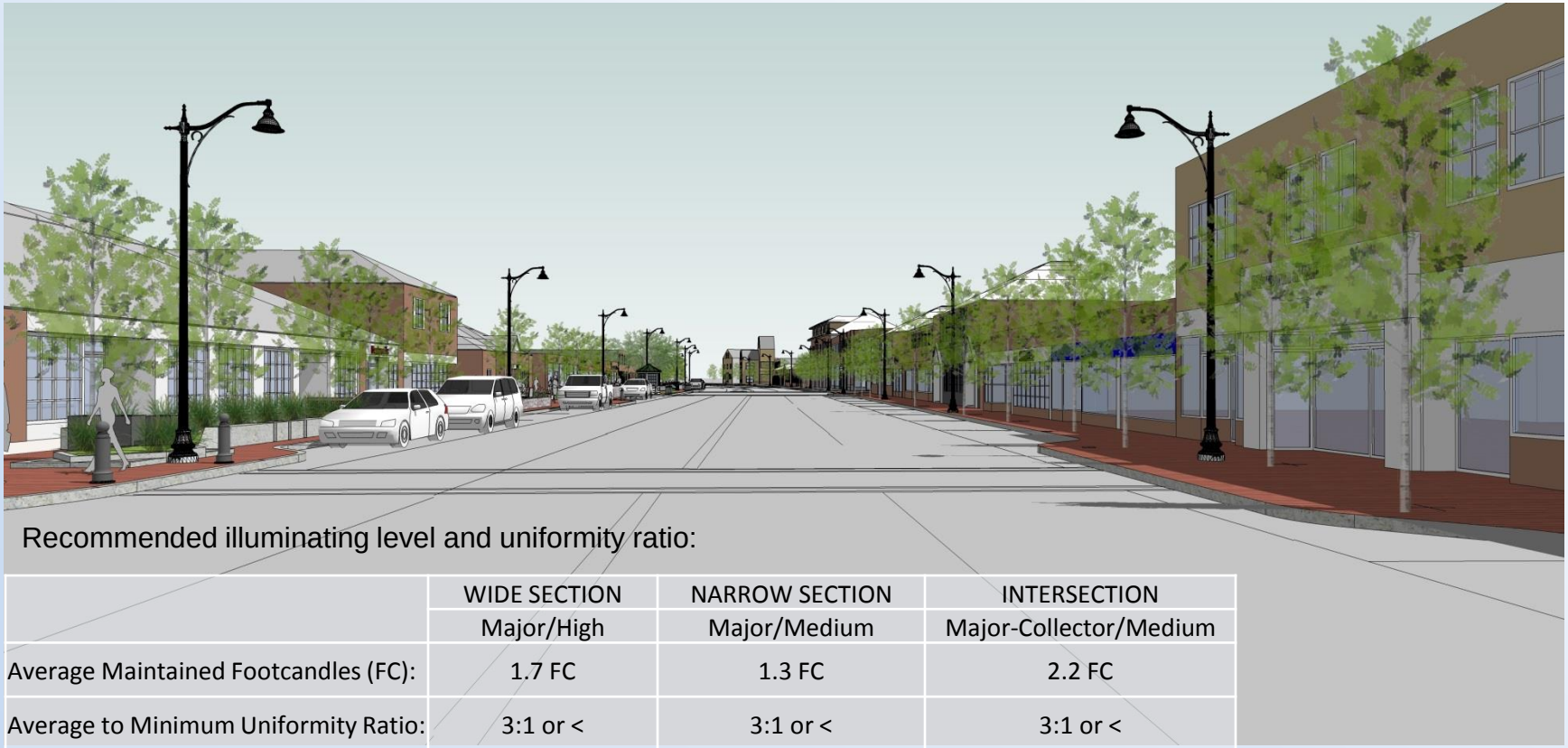
ROADWAY PENDANT - FLAT WITH MATCHING PEDESTRIAN PENDANT

ROADWAY PENDANT - DOME

ROADWAY PENDANT - DOME WITH MATCHING PEDESTRIAN PENDANT

Lighting Options

View: Looking east from Depot Square

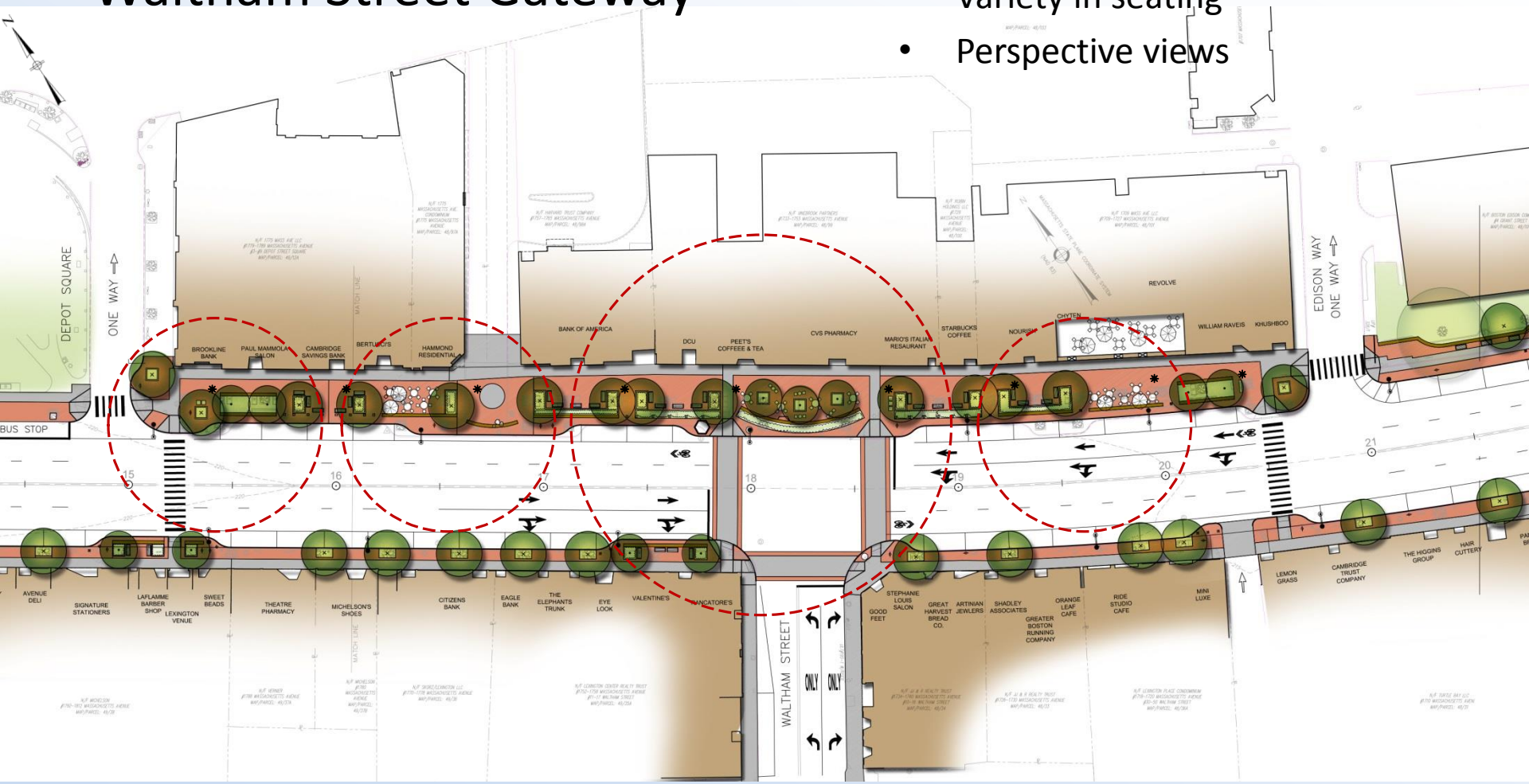


Recommended illuminating level and uniformity ratio:

	WIDE SECTION	NARROW SECTION	INTERSECTION
	Major/High	Major/Medium	Major-Collector/Medium
Average Maintained Footcandles (FC):	1.7 FC	1.3 FC	2.2 FC
Average to Minimum Uniformity Ratio:	3:1 or <	3:1 or <	3:1 or <

Commercial Area/ Waltham Street Gateway

- Sidewalk treatment
- Special crosswalk treatment
- Variety in seating
- Perspective views



Safety at crosswalks

- Bump out configuration
- Shorten crossing distance
- Concrete pavement
- Lighting
- Detectable warning

- Rain Garden
- Stone Seat Wall

Grain Mill Alley

- Gathering Area/Historic Interpretation
- Coordinate with Grain Mill Alley

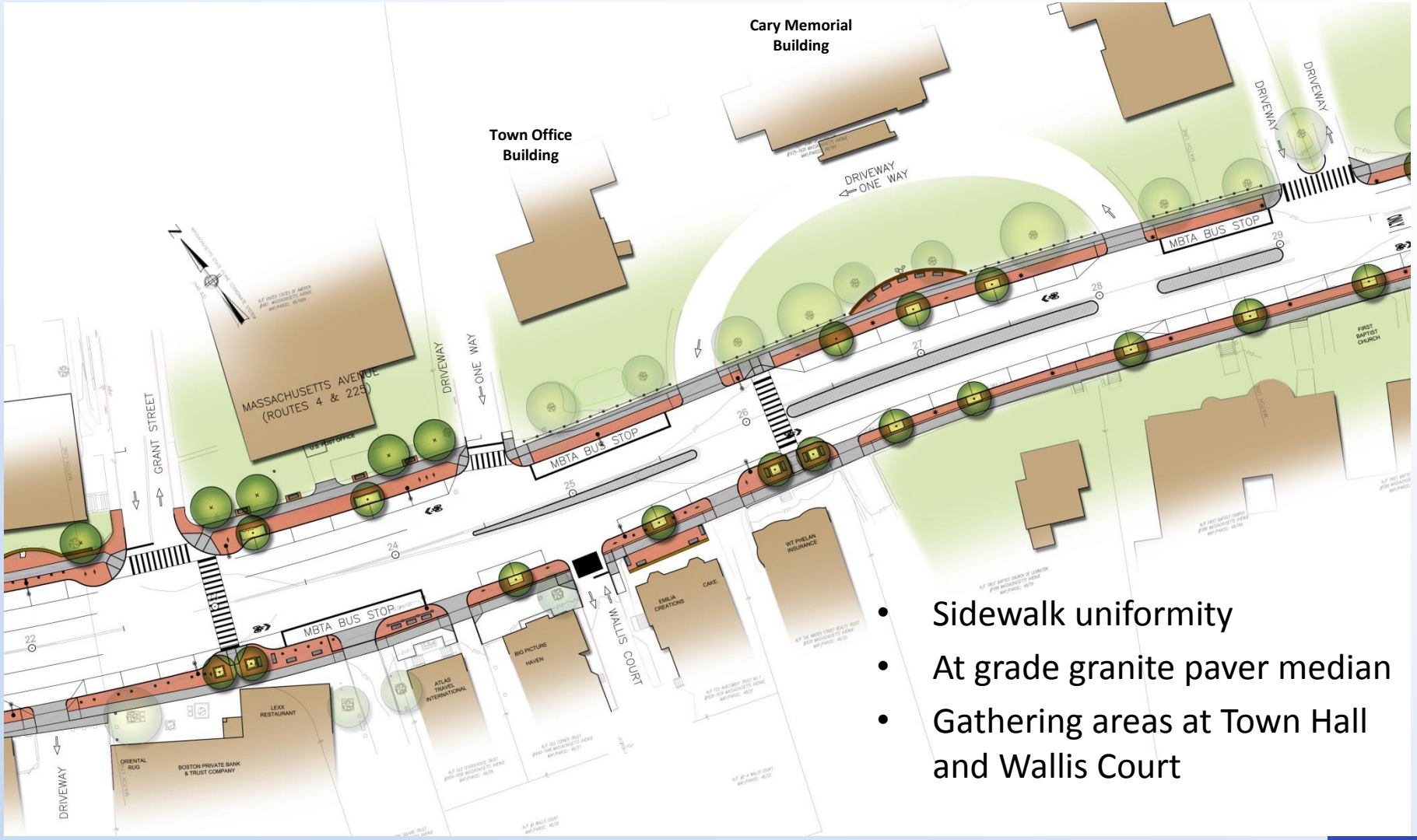
Waltham Street Gateway

- Waltham Street Gateway wall and plant bed
- Direct pedestrians to crosswalk
- Outdoor tables

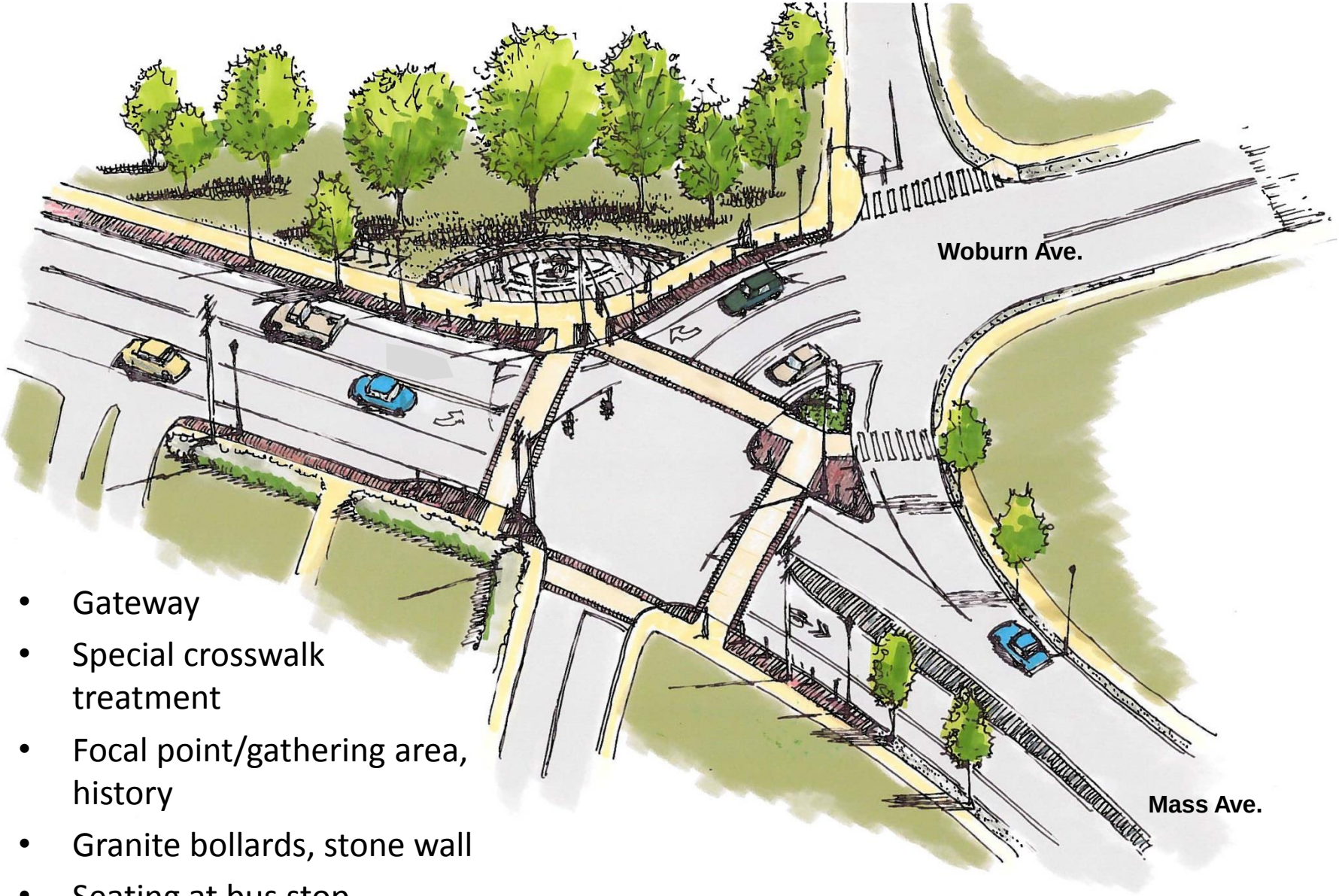
Salter Building

- Bench grouping
- Exposed aggregate/brick
- Snow removal

Civic Area



- Sidewalk uniformity
- At grade granite paver median
- Gathering areas at Town Hall and Wallis Court

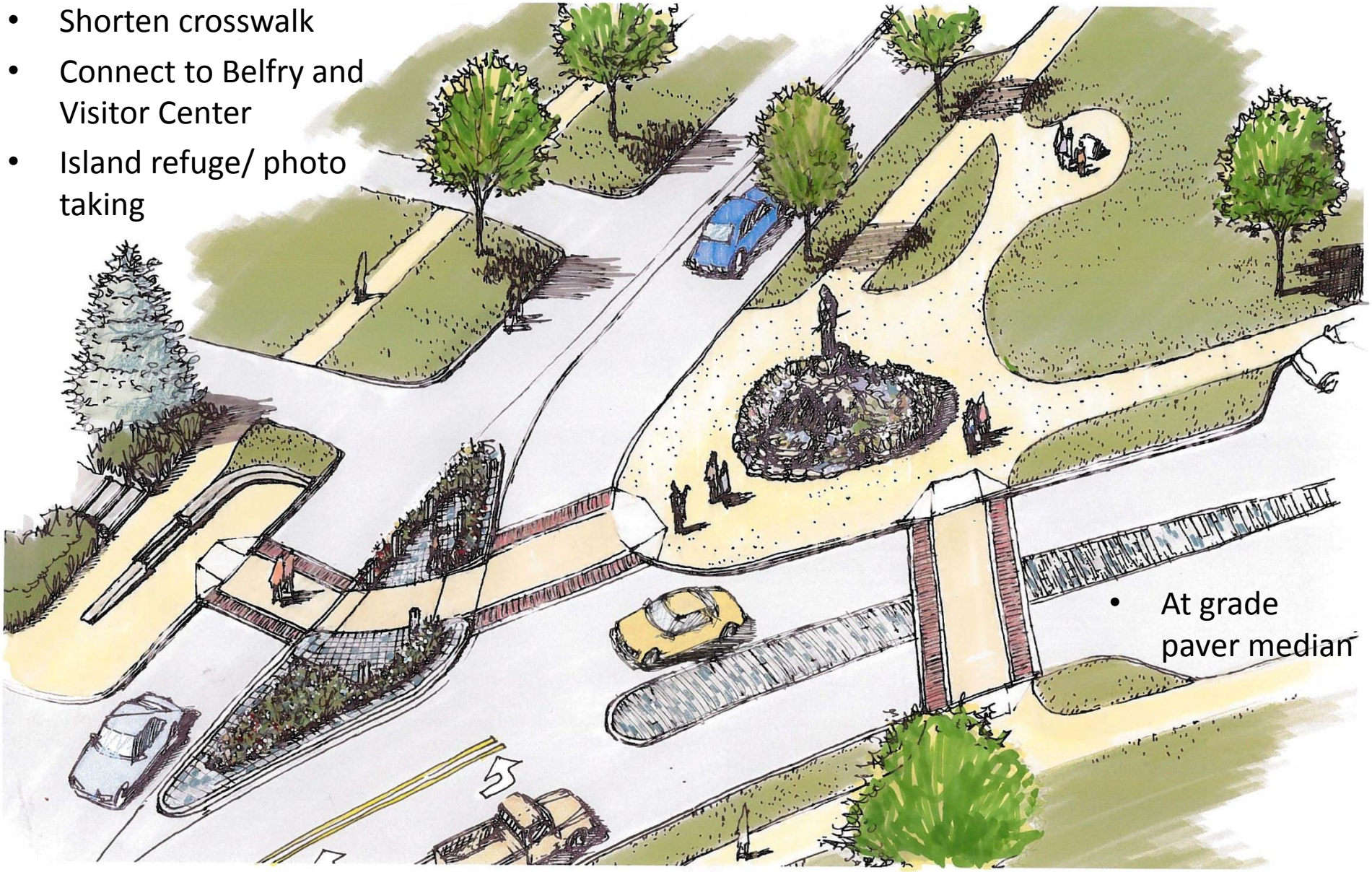


- Gateway
- Special crosswalk treatment
- Focal point/gathering area, history
- Granite bollards, stone wall
- Seating at bus stop

BETA
ENGINEERING SUCCESS TOGETHER

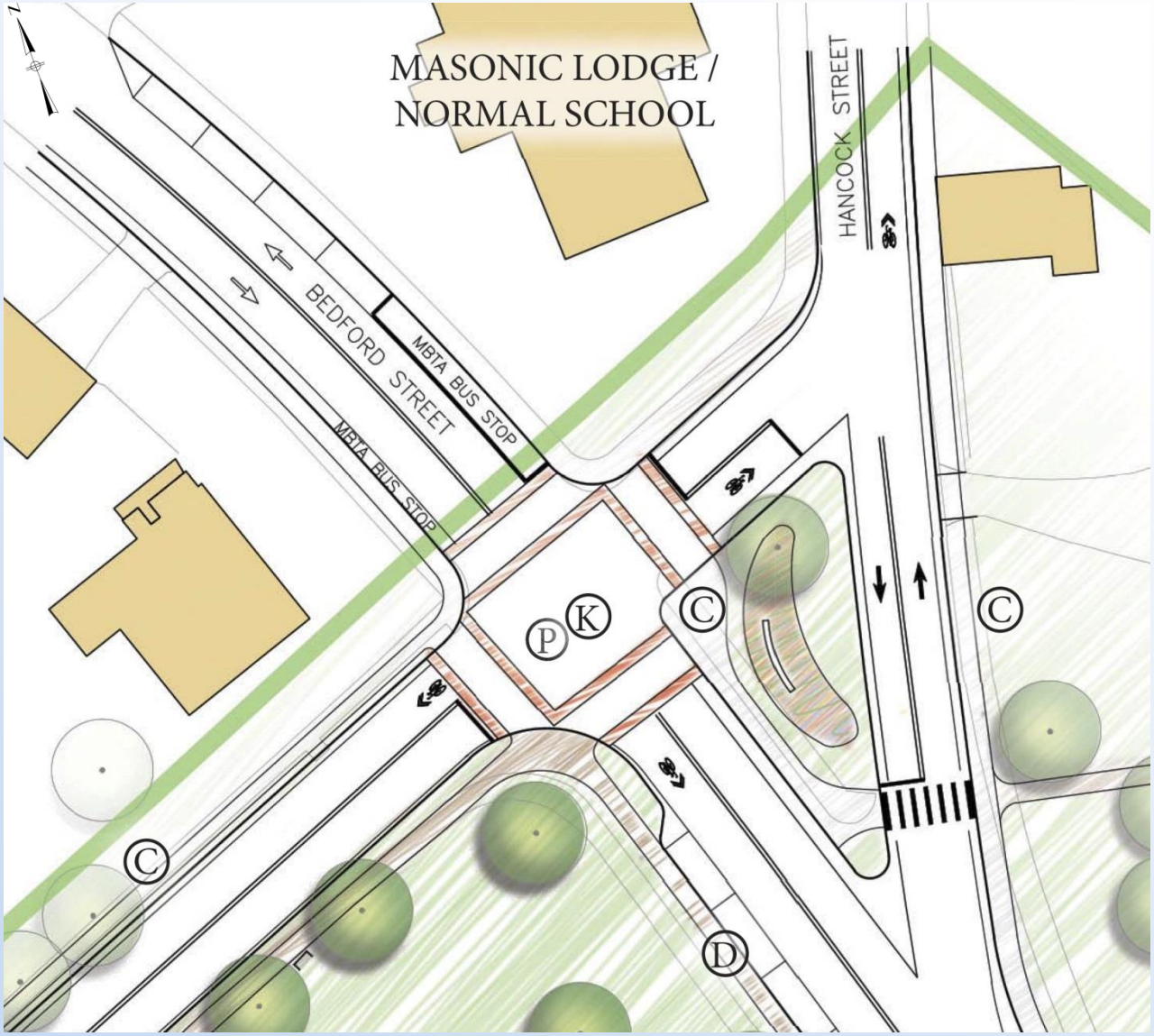
Lexington Town Center Streetscape & Battle Green Project

- Shorten crosswalk
- Connect to Belfry and Visitor Center
- Island refuge/ photo taking

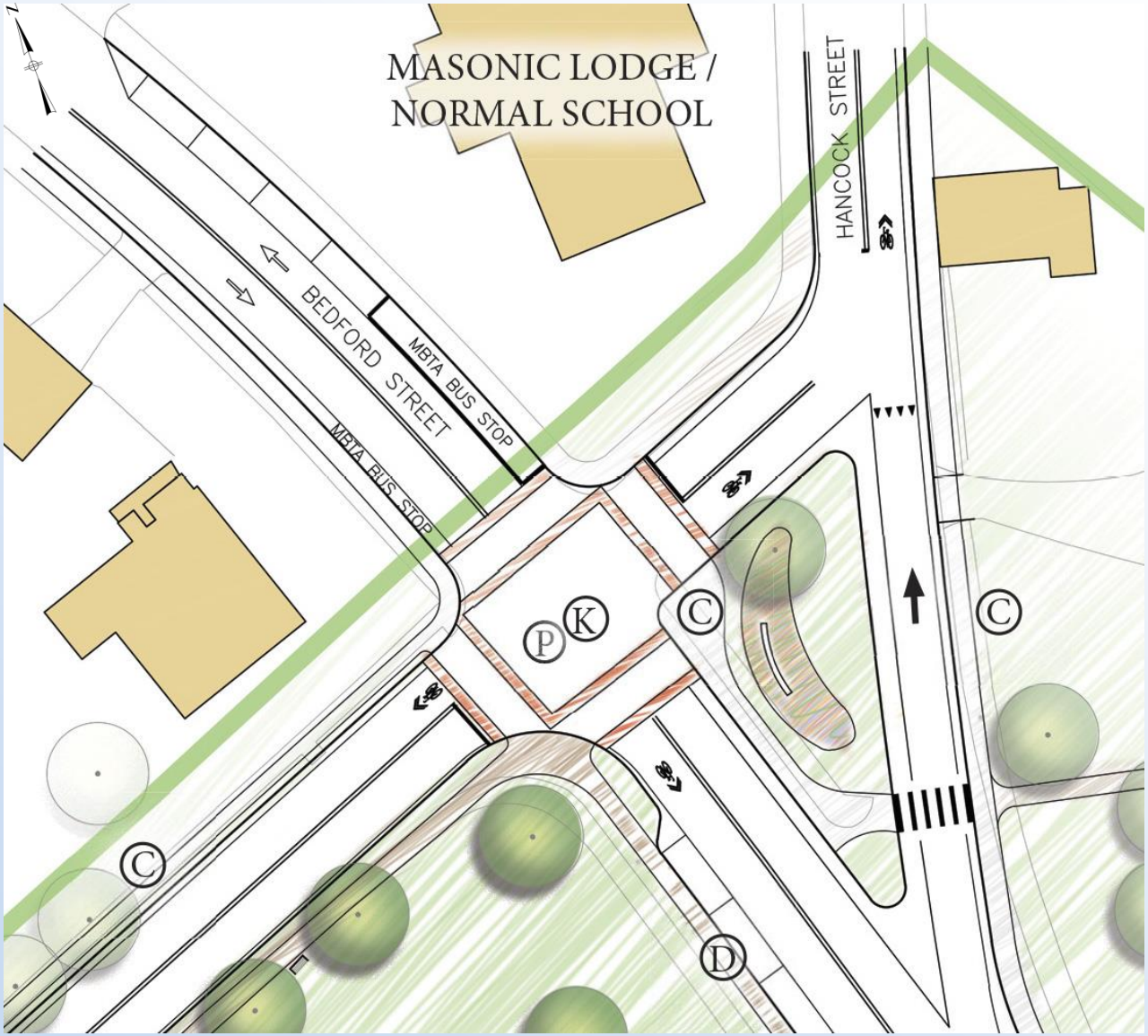


- At grade paver median

- Gateway
- Driveway entrance relocated
- Ye Olde Burying Ground entrance
- Gathering/interpretive area
- Bus drop off
- Focal point



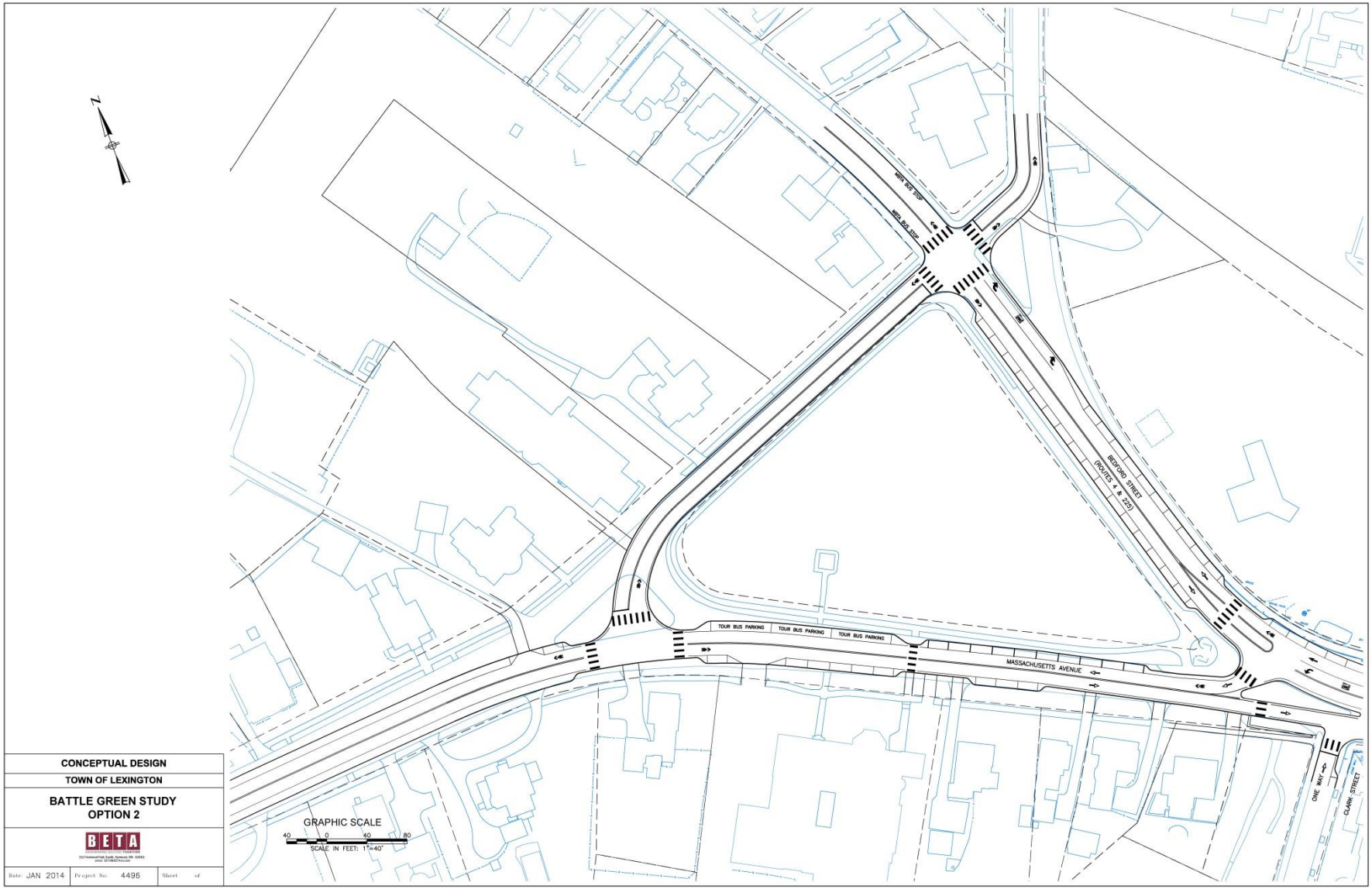
- Gateway
- Special crosswalk treatment
- Plant bed



- Gateway
- Special crosswalk treatment
- Plant bed

Next Steps

- Review and Address Comments
- Complete Preliminary Design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MBTA BUS STOP
MBTA BUS STOP
BEDFORD STREET
(ROUTES 4 & 225)
TOUR BUS PARKING
TOUR BUS PARKING
TOUR BUS PARKING
MASSACHUSETTS AVENUE
ONE WAY
CLARK STREET
GRAPHIC SCALE
40 0 40 80
SCALE IN FEET: 1"=40'
CONCEPTUAL DESIGN
TOWN OF LEXINGTON
BATTLE GREEN STUDY
OPTION 2
BETA
Date: JAN 2014
Project No: 4496
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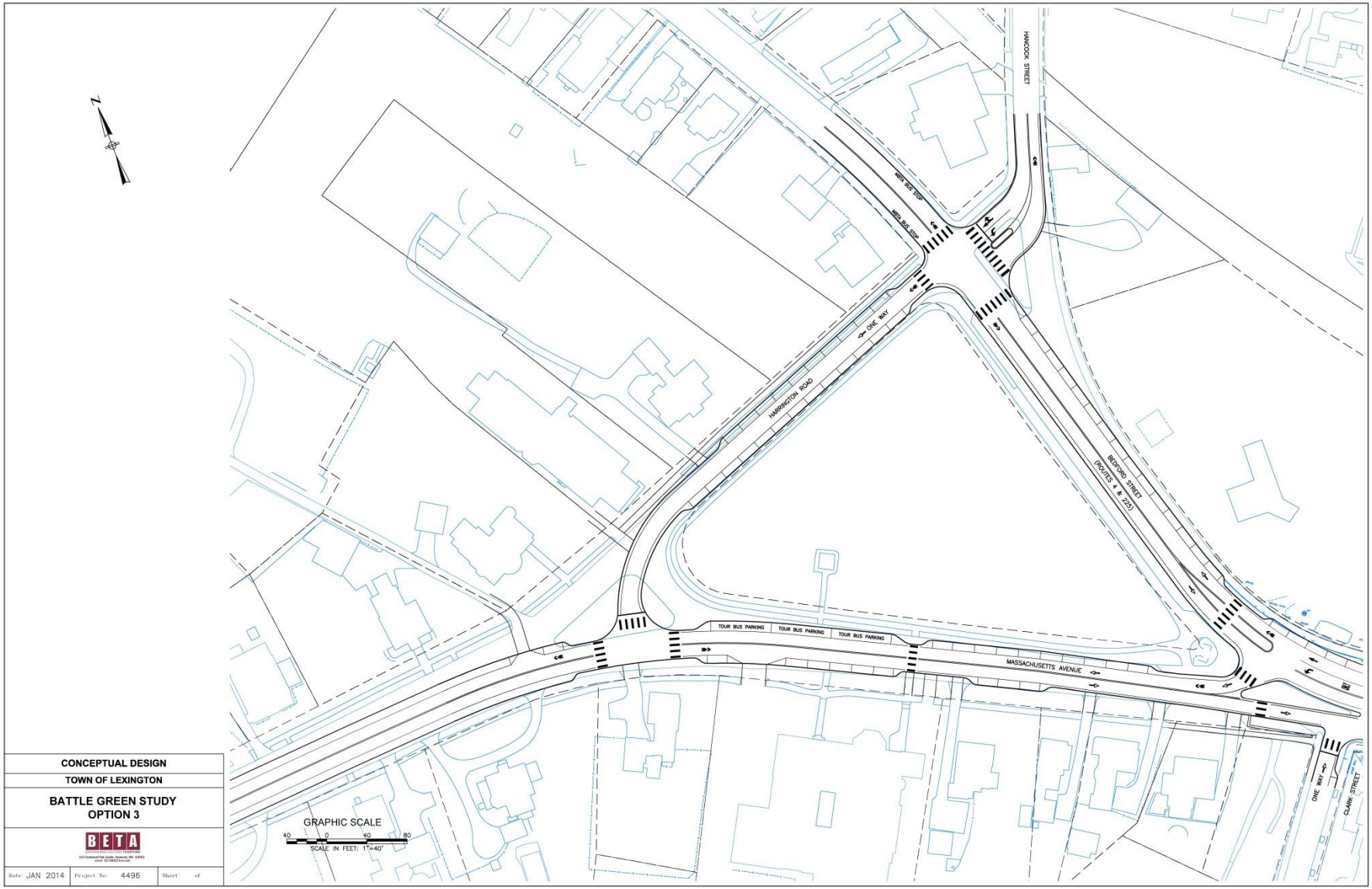
HANCOCK STREET
MBTA BUS STOP
MBTA BUS STOP
ONE WAY
HARRINGTON ROAD
BEDFORD STREET
(ROUTES 4 & 225)
TOUR BUS PARKING
TOUR BUS PARKING
TOUR BUS PARKING
MASSACHUSETTS AVENUE
ONE WAY
CLARK STREET
GRAPHIC SCALE
40 0 40 80
SCALE IN FEET: 1"=40'
CONCEPTUAL DESIGN
TOWN OF LEXINGTON
BATTLE GREEN STUDY
OPTION 3
BETA
Date: JAN 2014
Project No: 4496
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