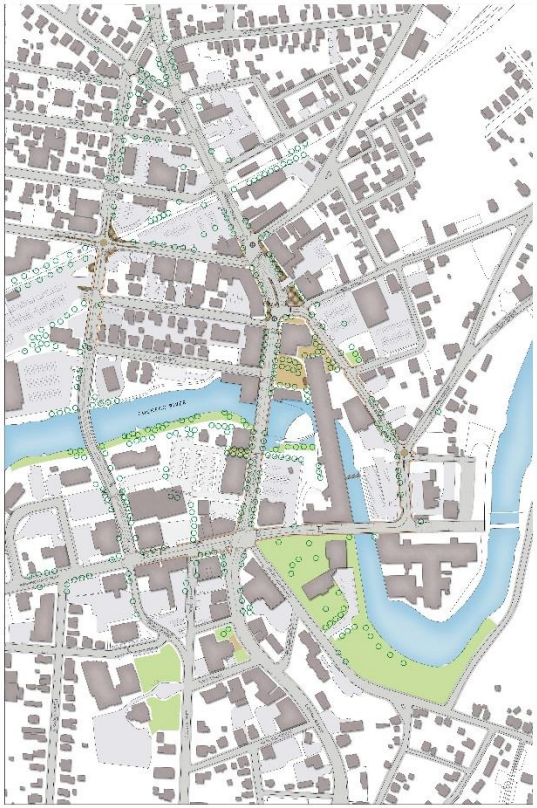
Draft Recommendations and Preferred Plan

City of Dover
Traffic Advisory Committee
September 22, 2014



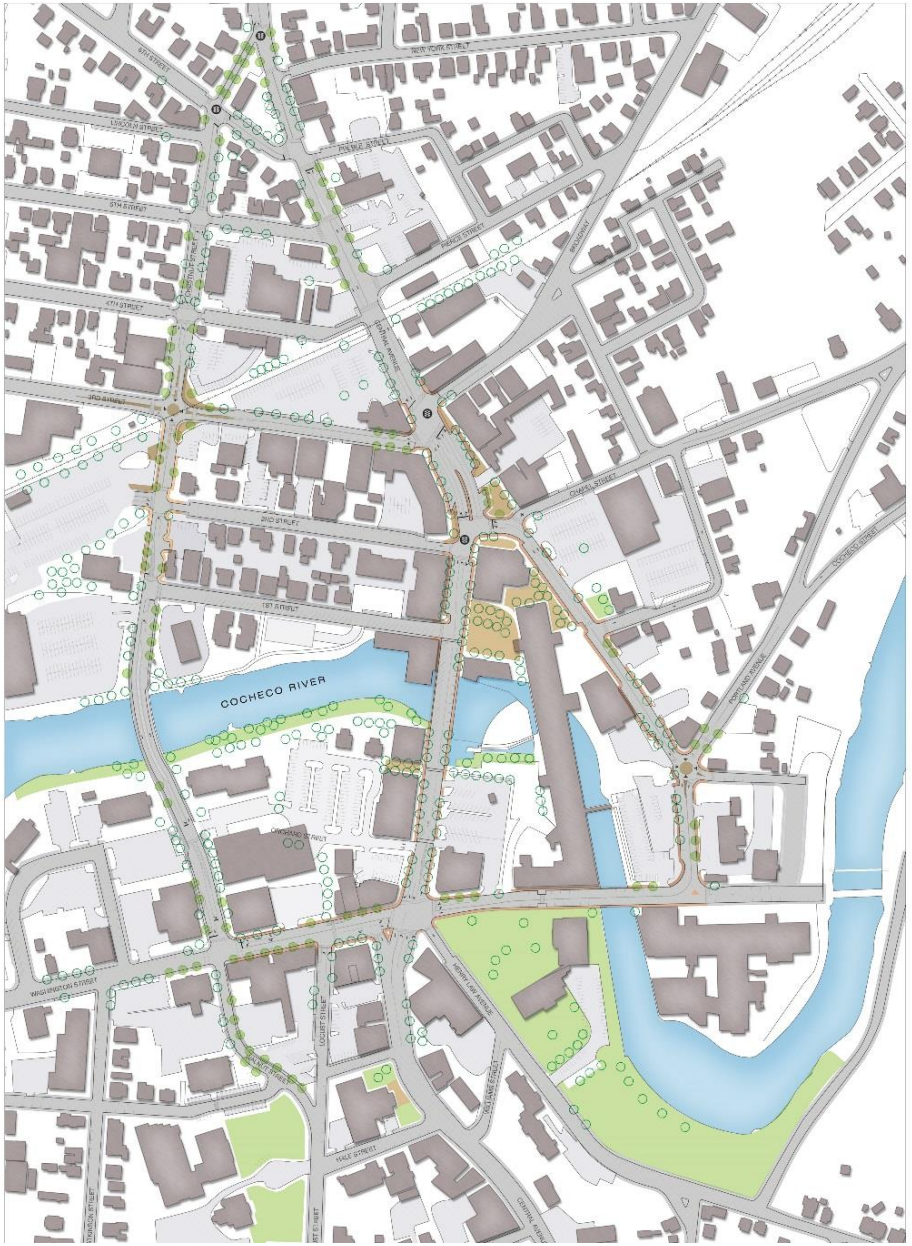
Purpose of the Study

The City of Dover is undertaking the Downtown Pedestrian and Vehicular Access Streetscape Study to continue the revitalization of Dover's historic urban core, including rebalancing the entire circulation and streetscape network within the downtown so that future conditions support a mixed-use environment that is more convenient, pleasant, and economically vibrant. Goals include:

- Create a more attractive **pedestrian-oriented environment**
- Make **vehicle circulation more clear and convenient**
- Simplify **links to parking**
- **Expand bicycle and transit links** to and through the downtown

Overall Plan Recommendations

- **Pedestrian network** - complete upgrade of all sidewalks, complete and safe crosswalk network
- **Streetscape** - complete streetscape strategy to provide additional trees, create pedestrian-scale lighting, and provide amenities and enhancements on key streets and locations
- **Circulation pattern** – provide predominantly two-way circulation, except where it impedes intersection operations or streets are too narrow
- **Squares** – substantially re-organize Upper and Lower Squares



Overall Plan Recommendations

The Squares: A View of Existing Lower Square

Overall Plan Recommendations

The Squares: A View of Lower Square

Overall Plan Recommendations

The Squares: View of Existing Upper Square

Overall Plan Recommendations

The Squares: View of Upper Square

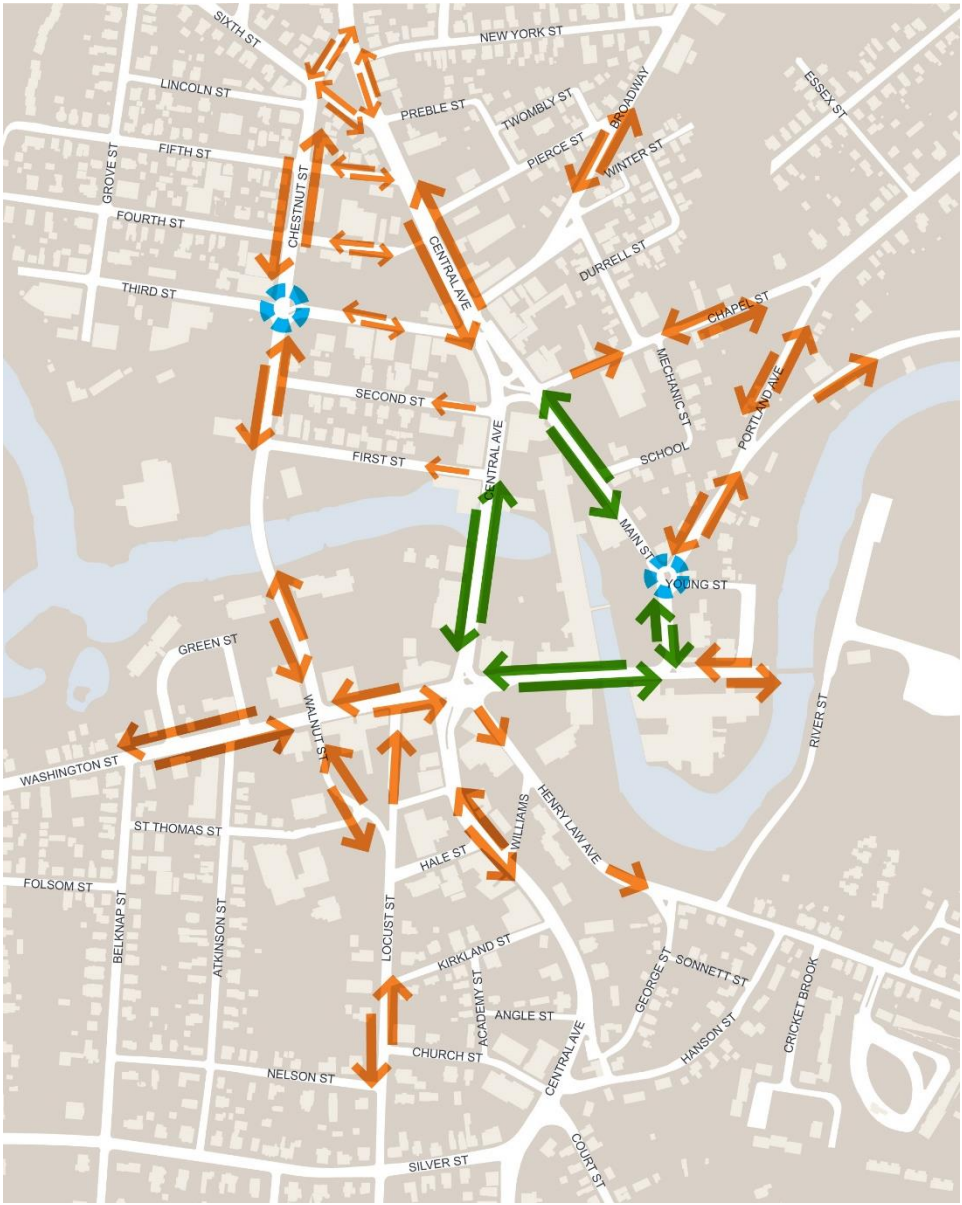
Vehicle Circulation

Existing Circulation Patterns

Vehicle Circulation

Preferred Circulation Patterns

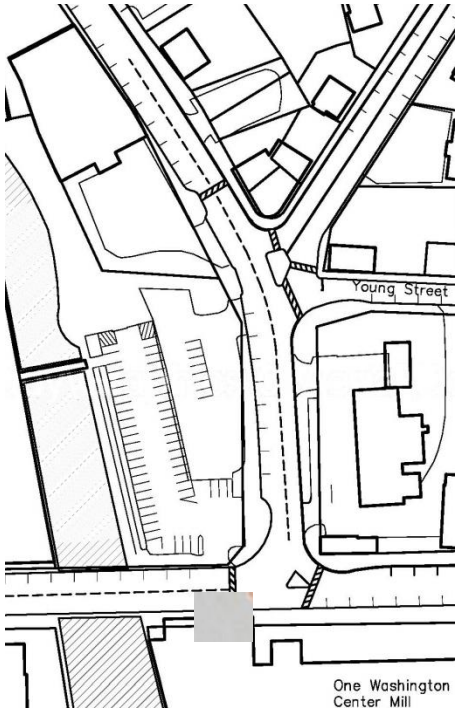
- Two-way traffic where roadway width and intersection configurations allow
- Two-way traffic along all of Central Avenue, Main Street, and Washington Street
- Continuous two lanes for through-traffic on Chestnut Street, with left hand turn channels
- Two mini-roundabouts, at Portland/Main Streets and 3rd and Chestnut
- New signalization at Chestnut and Central Avenue, and at Upper Square, to facilitate turning movements

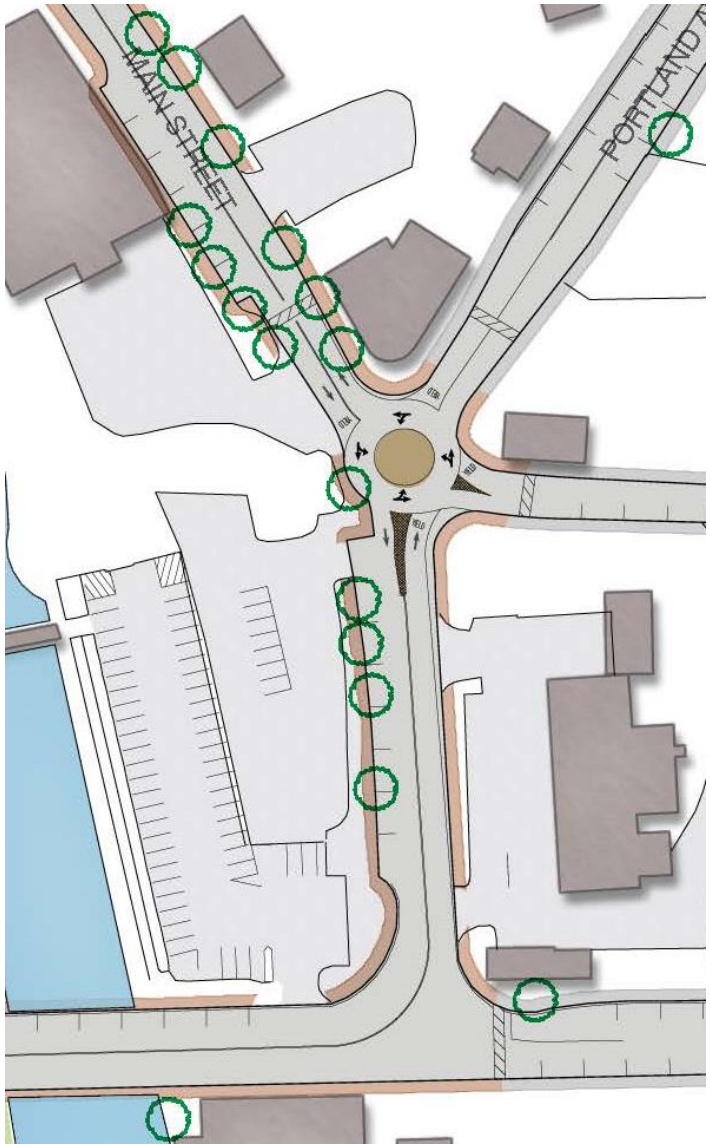


Vehicle Circulation

Segments and Intersections: Portland Street and Lower Main

- Allow all turns at Portland and Main Street with a mini-roundabout
- Allow all turns at Washington and Main

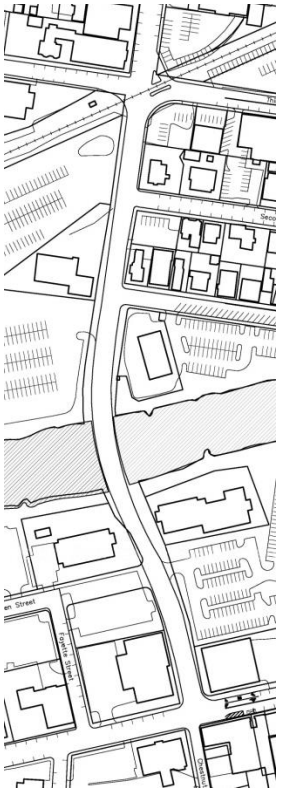


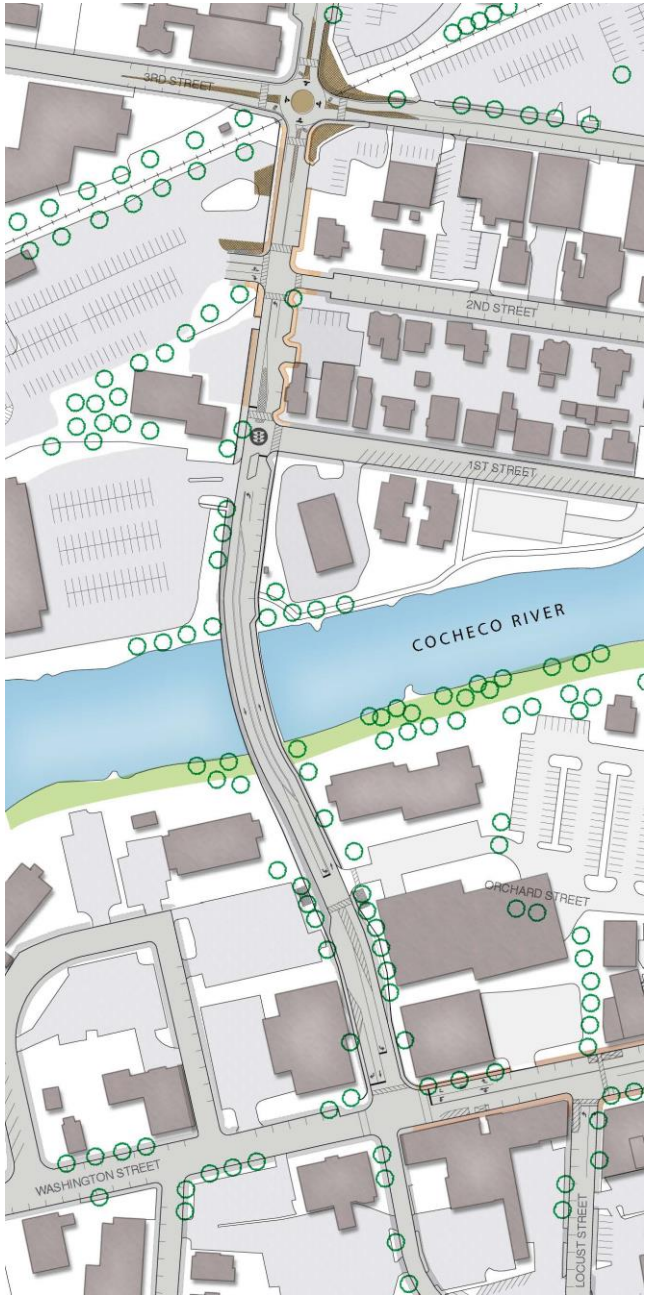


Vehicle Circulation

Segments and Intersections: Lower Chestnut to the Transportation Center

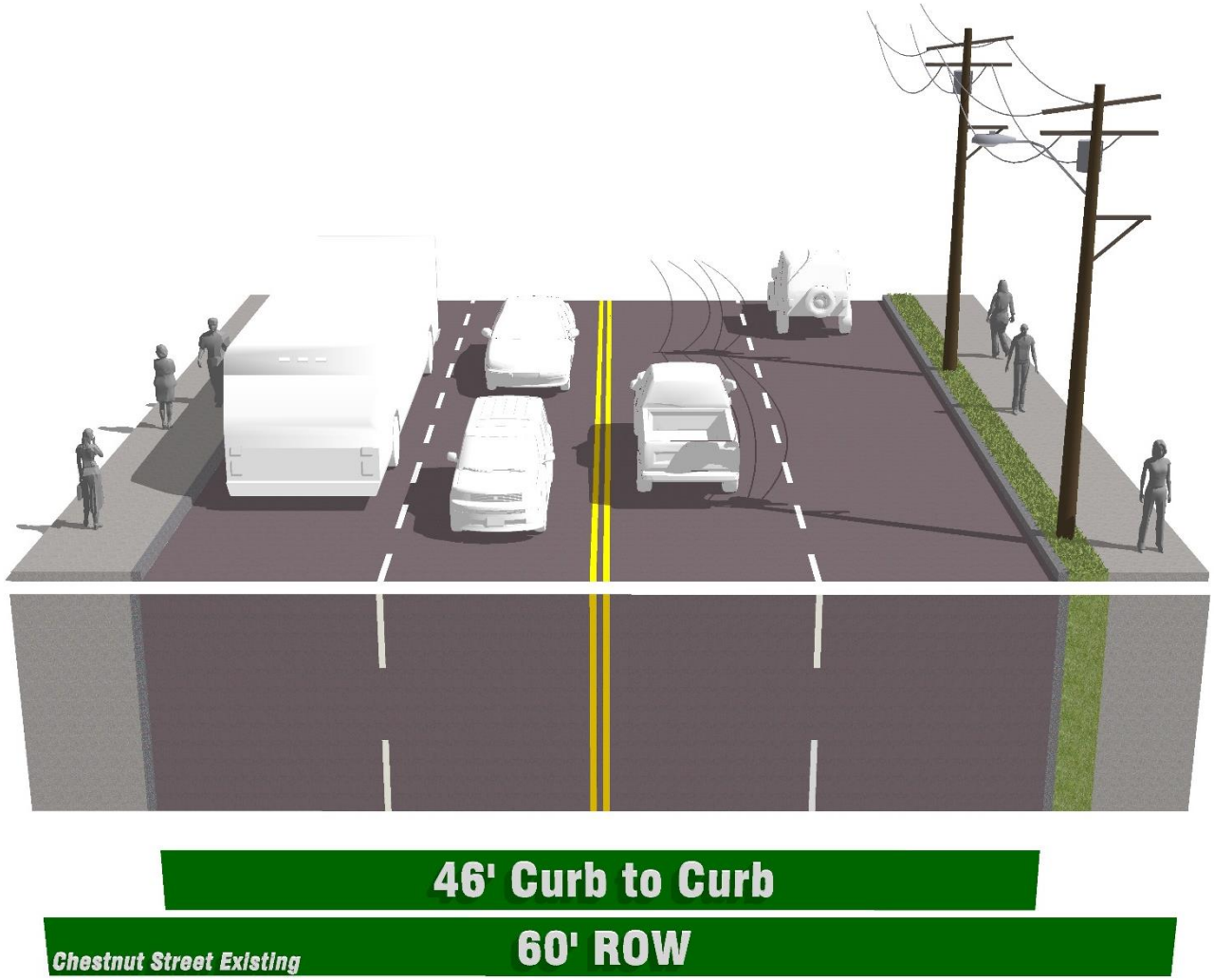
- Turning lanes, crosswalks, bus stops and shelters would be organized around the new entrance to the City parking garage to facilitate safe crossings and avoid traffic congestion.
- A paved island with seasonal planting would be created on the bridge.
- Curb cuts would be reorganized and better pedestrian connections created at the Transportation Center
- A mini-roundabout would join Chestnut and 3rd Street

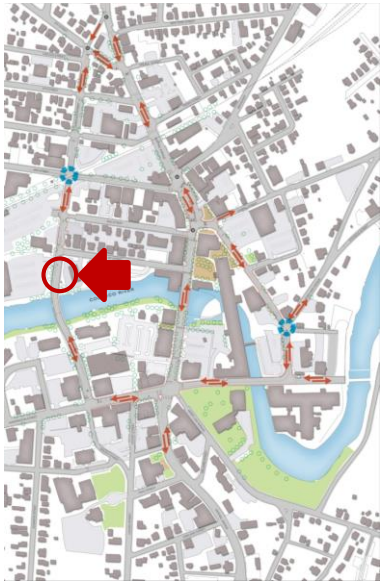




Streetscape Character

Existing Chestnut Street

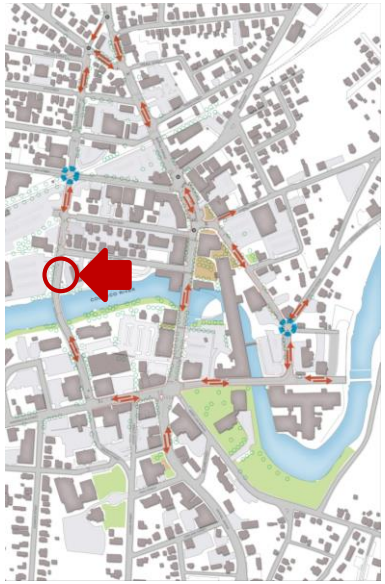




Streetscape Character

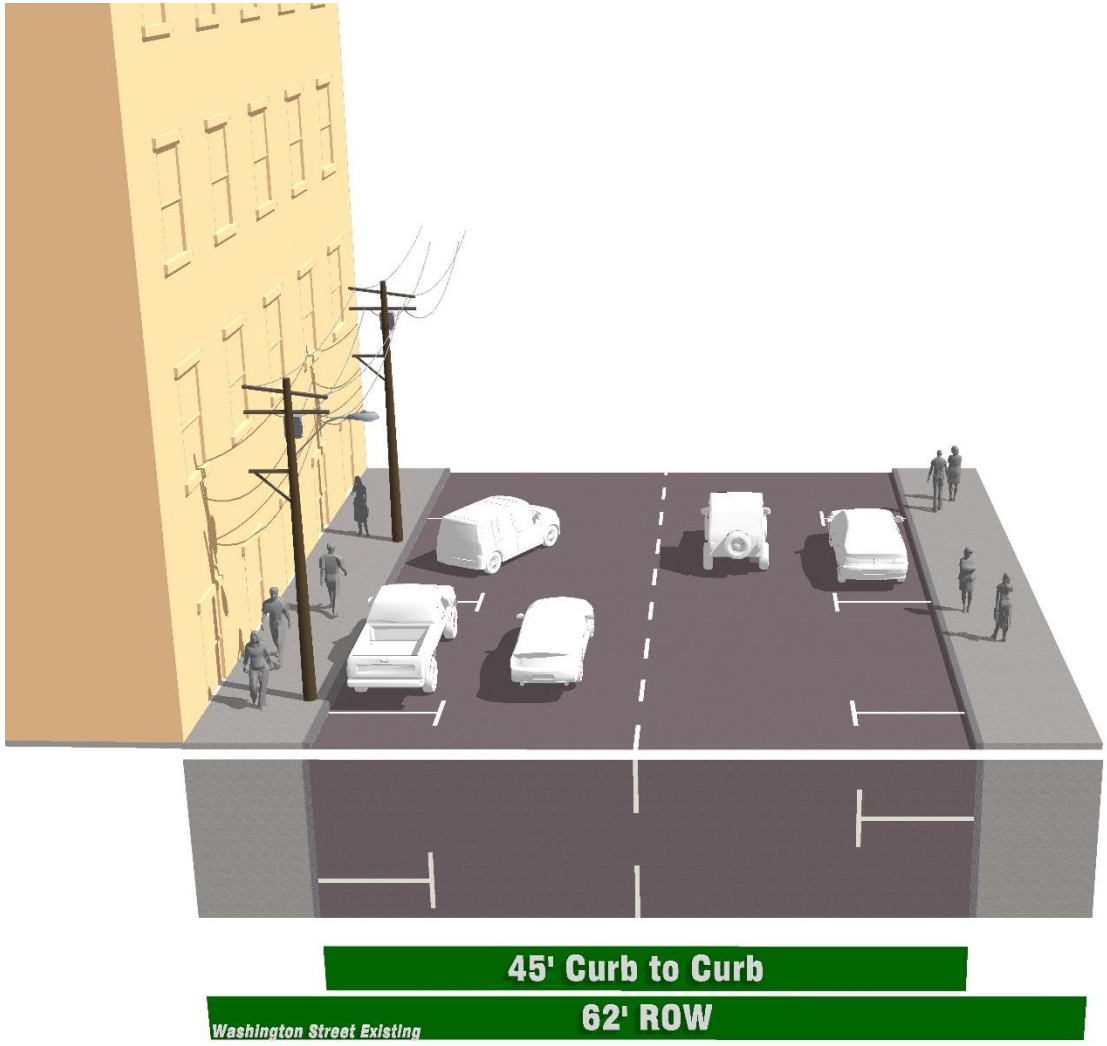
Preferred Chestnut Street

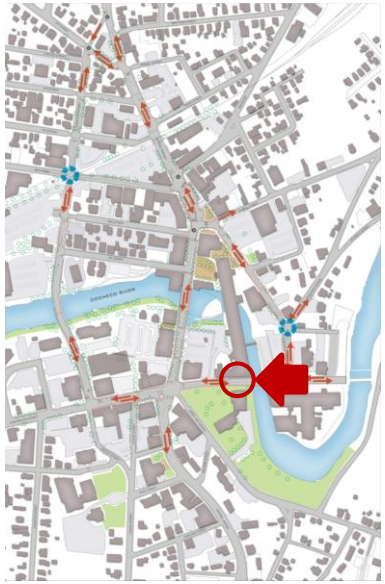
- ~10’ of reallocated ROW



Streetscape Character

Existing Washington Street

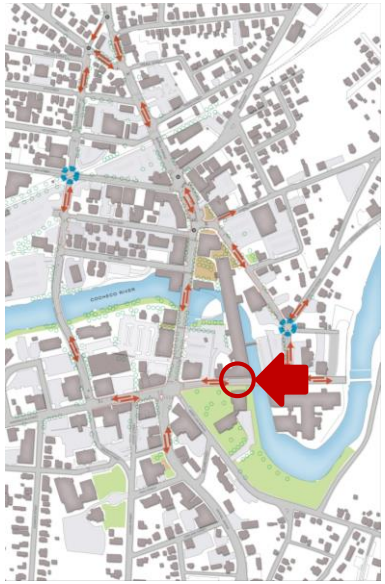




Streetscape Character

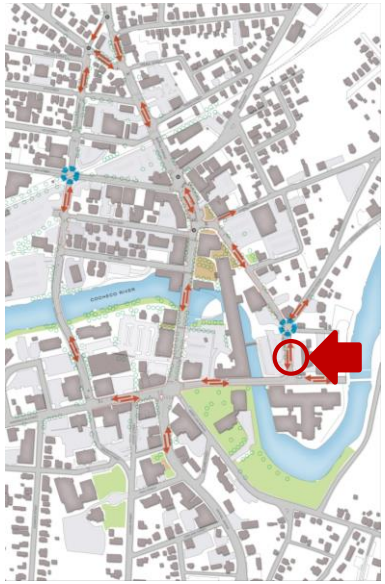
Preferred Washington Street

- ~7’ of reallocated ROW



Streetscape Character

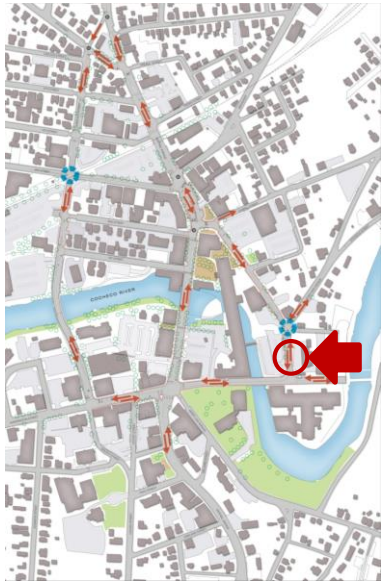
Existing Main Street



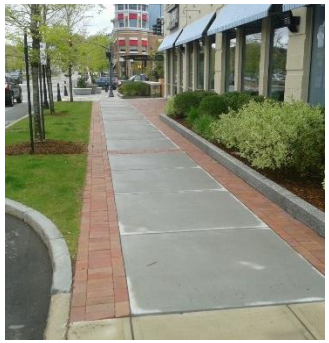
Streetscape Character

Preferred Main Street

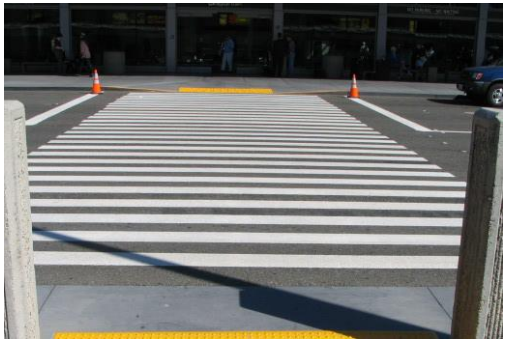
- ~5’ of reallocated ROW



Streetscape Character : Ornamental Paving Materials



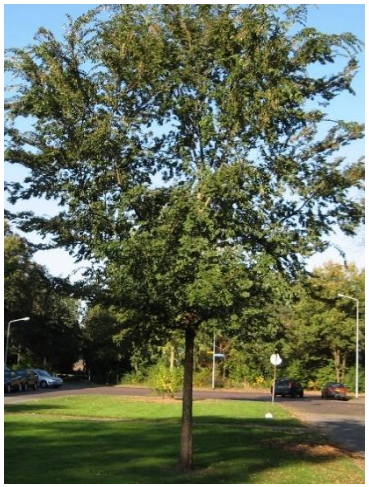
Sidewalks



Crosswalks

Streetscape Character : Landscape

Maple



Elm

Linden

Zelkova

Pear

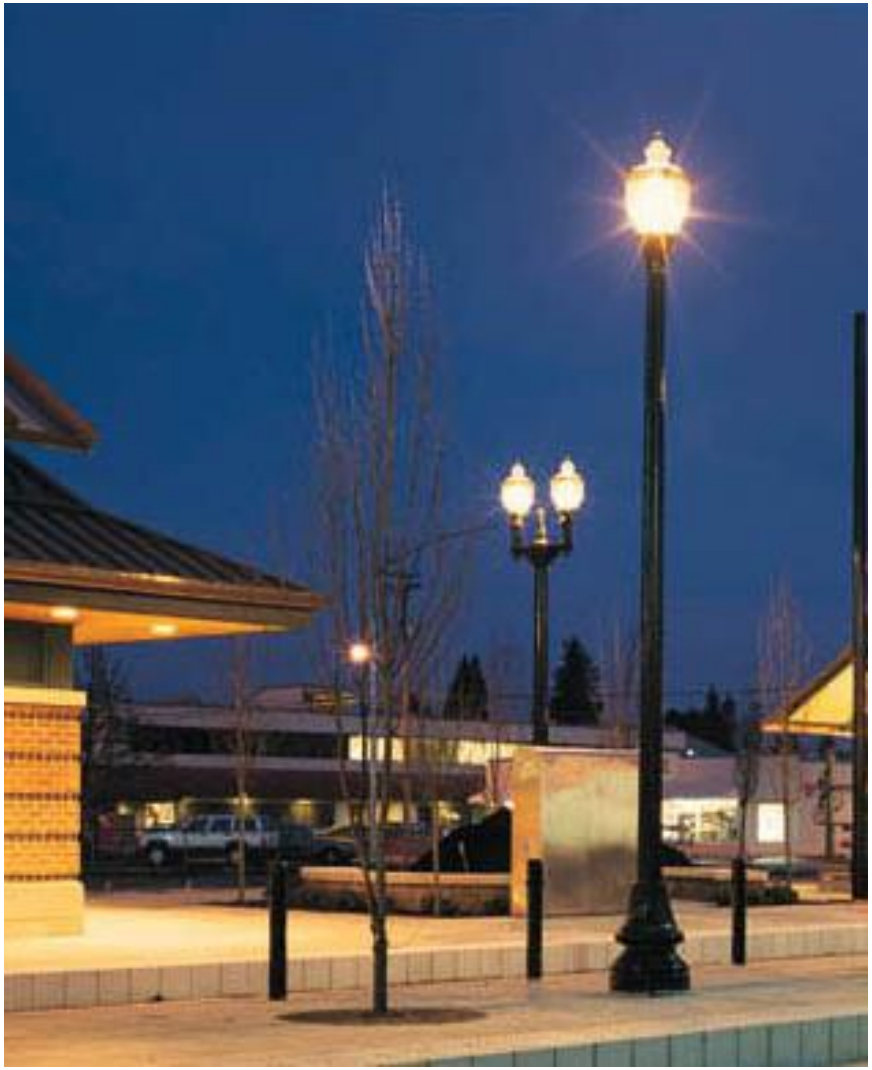
Serviceberry

Japanese Lilac Tree

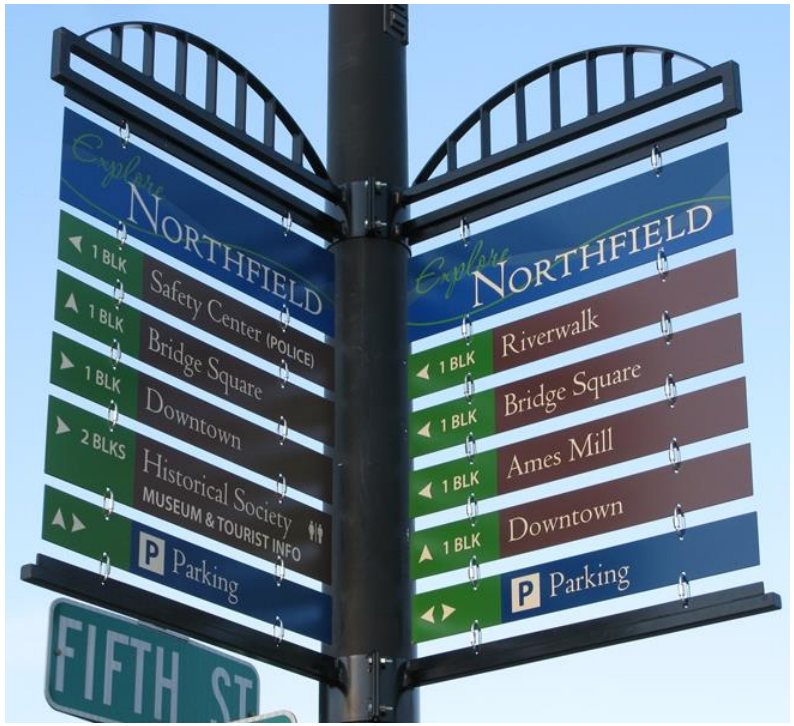
Cherry

Redbud

Streetscape Character : Lighting



Streetscape Character : Signage / Wayfinding



Streetscape Character : Amenities

Bike Racks

Trash / Recycling

Benches

Streetscape Character : Public Art

Phasing

Phase One
Chestnut Street from Central Avenue to Washington Street

Phase Two
Upper Square
Roundabout at Main and Portland

Phase Three
Lower Square

Central Avenue from Upper Square to Washington Street

Washington Street from Central Avenue to Portland Avenue

Main Street from Upper Square to Washington Street