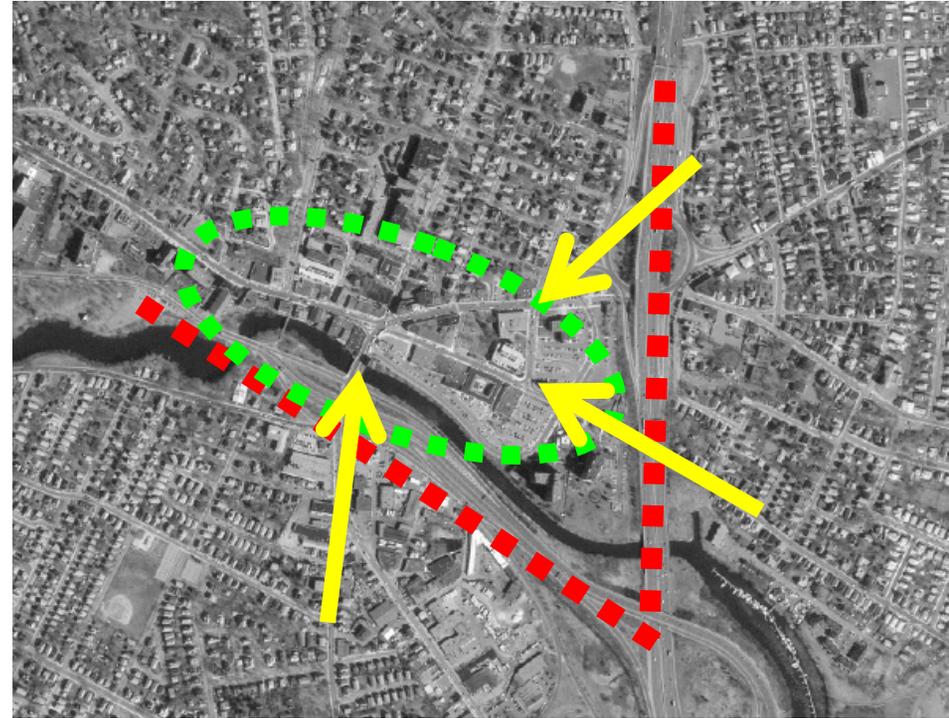


TRANSPORTATION & STREET DESIGN

Review of Goals

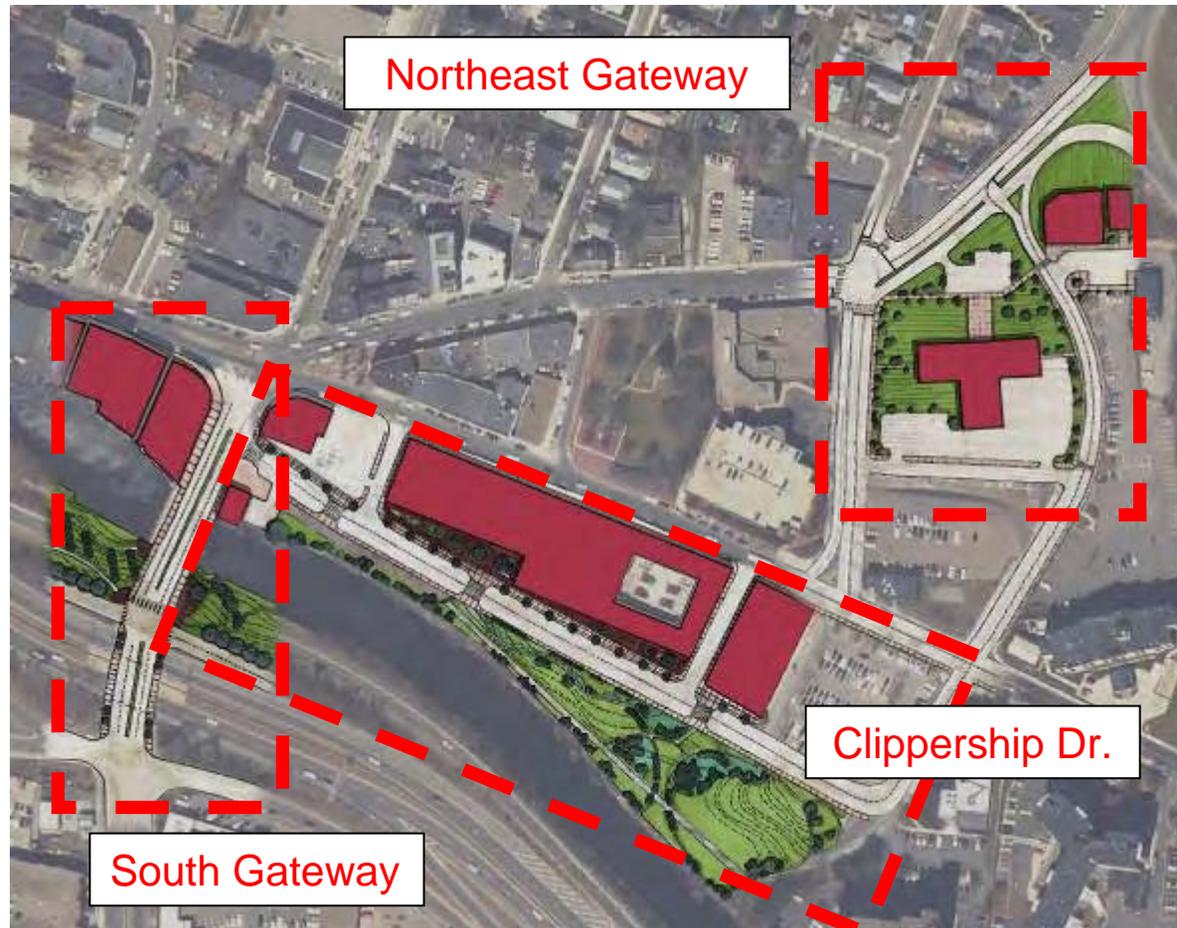
- Connect neighborhoods to Square
- Enable access to the river
- Improve pedestrian environment
- Reorient road network to local use



Three Specific Areas of Intervention

Existing transportation infrastructure with biggest problems *and* highest potential for improvement:

- South Gateway
- Northeast Gateway
- Clippership Drive



Directionality of the Streets

Objectives

- Reorient road network to local use
- Provide access to new development and open space
- Accommodate but disperse thru traffic

Interventions

- Clippership Drive 2-way
- 2-way roads wherever possible
- Formalize new road south of City Hall



- Old Directions
- New Directions
- Proposed New Road

South Gateway: Route 16 Underpass

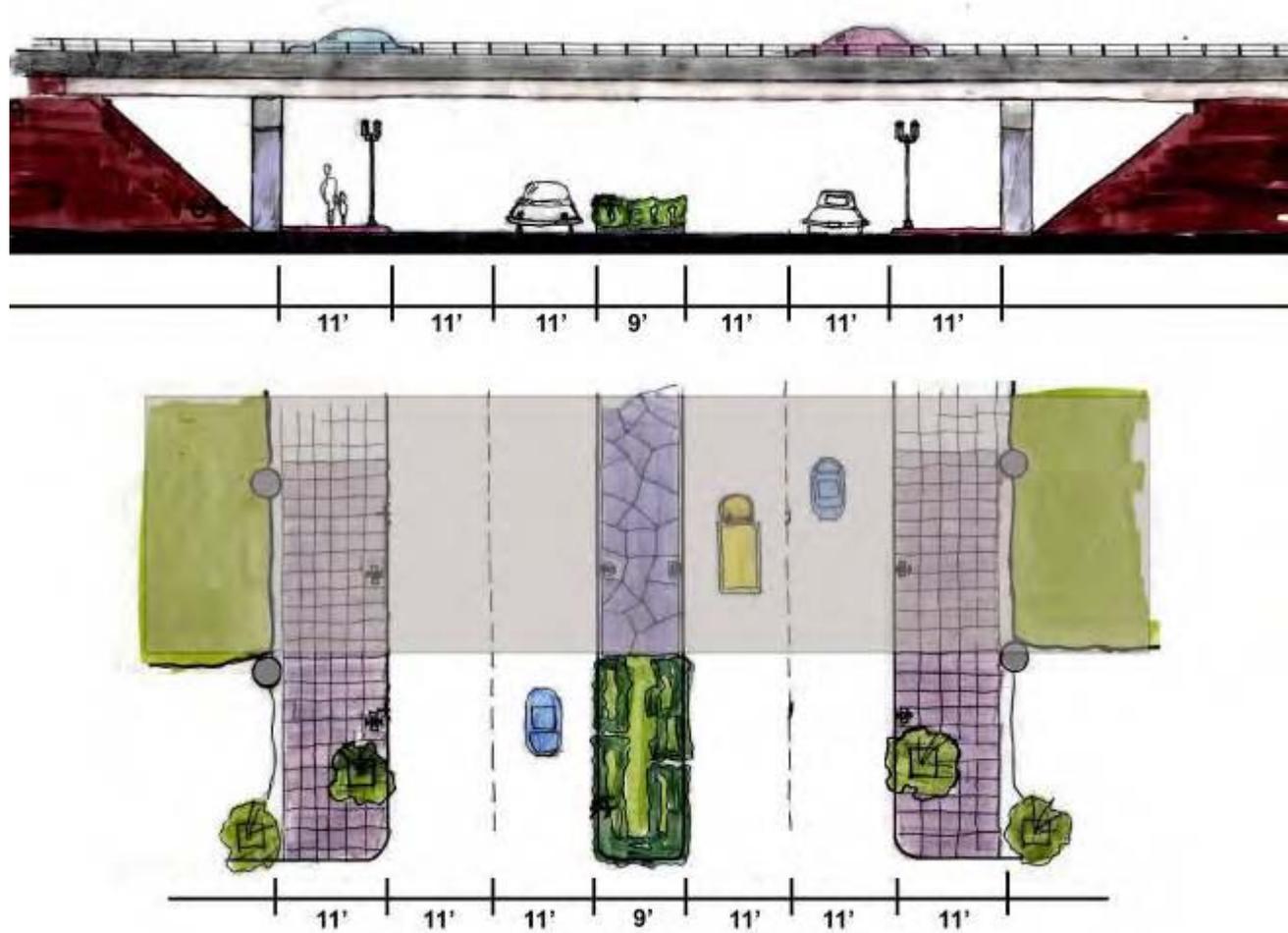
- Huge physical and psychological barrier
- Pedestrian unfriendly
- Erratic driving patterns
- 75% of width designated for cars
- Can't tell you're 100 yards from historic Square



Visualization: Looking north on Main Street under Route 16
Medford Square in the distance

South Gateway: Route 16 Underpass

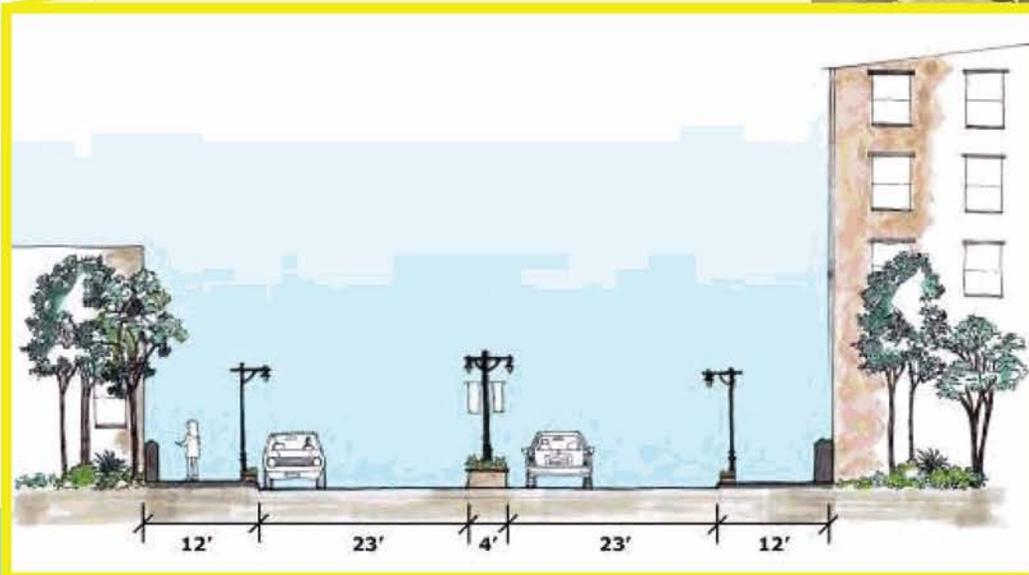
- Continue urban “feel” of the Square south down Main Street
- Widen sidewalks to 11 feet
- Lamps and lighting
- Textured paving
- Landscape and widen the median
- Narrow view calms traffic
- Still two clear travel lanes, both ways



Main Street, under Route 16 overpass

South Gateway: Cradock Bridge

- Demarcate lanes
- Accommodate regional bike path
- Widen sidewalk
- Create sense of arrival and gateway identity
 - Landscape median
 - Lamp posts
 - Town banners
 - Textured paving



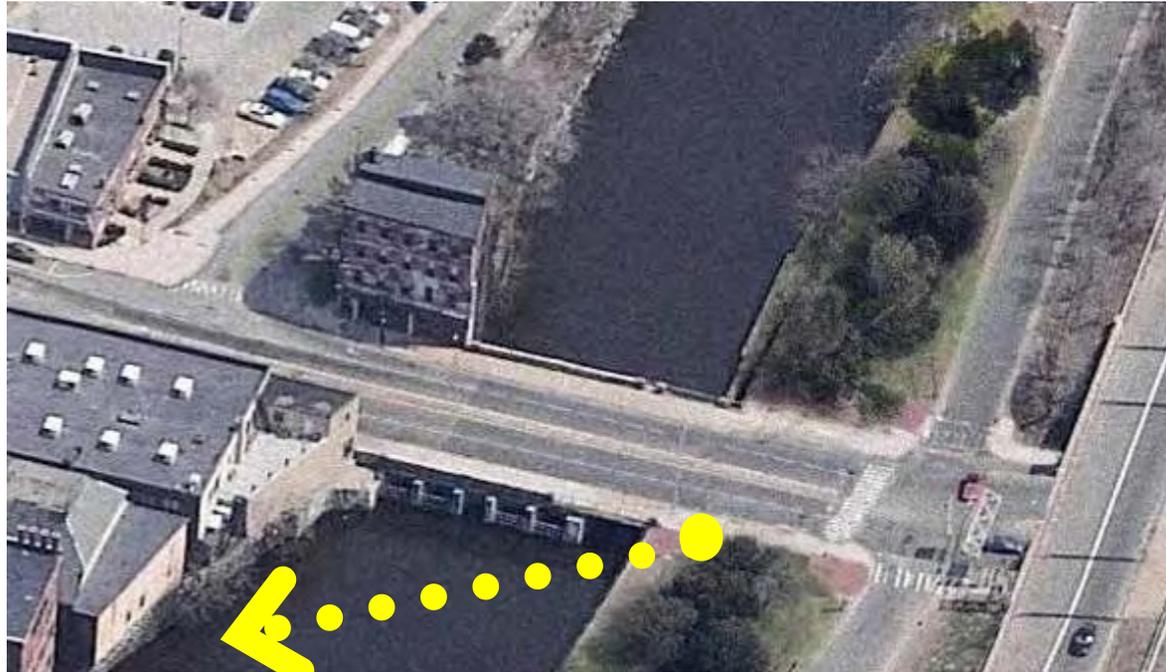
South Gateway: Relocate Rte. 16 Ramps

- Plenty of underutilized space between ramps and highway
- Move the ramps to open up land on river's edge
 - More open recreational space
- Create a new riverfront park
 - Enhances views to the square
 - Continue regional bike path



South Gateway: Relocate Rte. 16 Ramps

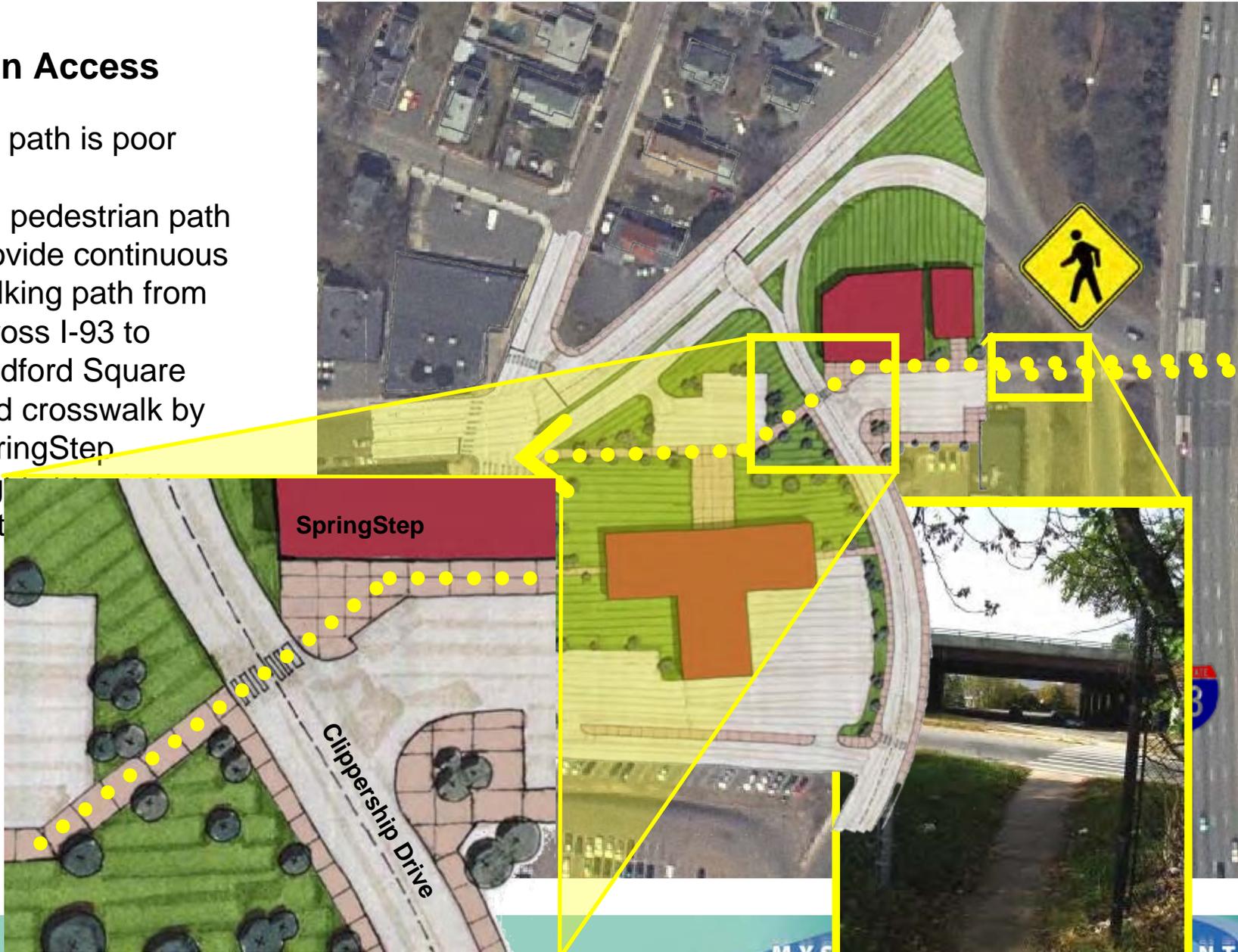
- Plenty of underutilized space between ramps and highway
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Northeast Gateway: Salem St. near City Hall

Pedestrian Access

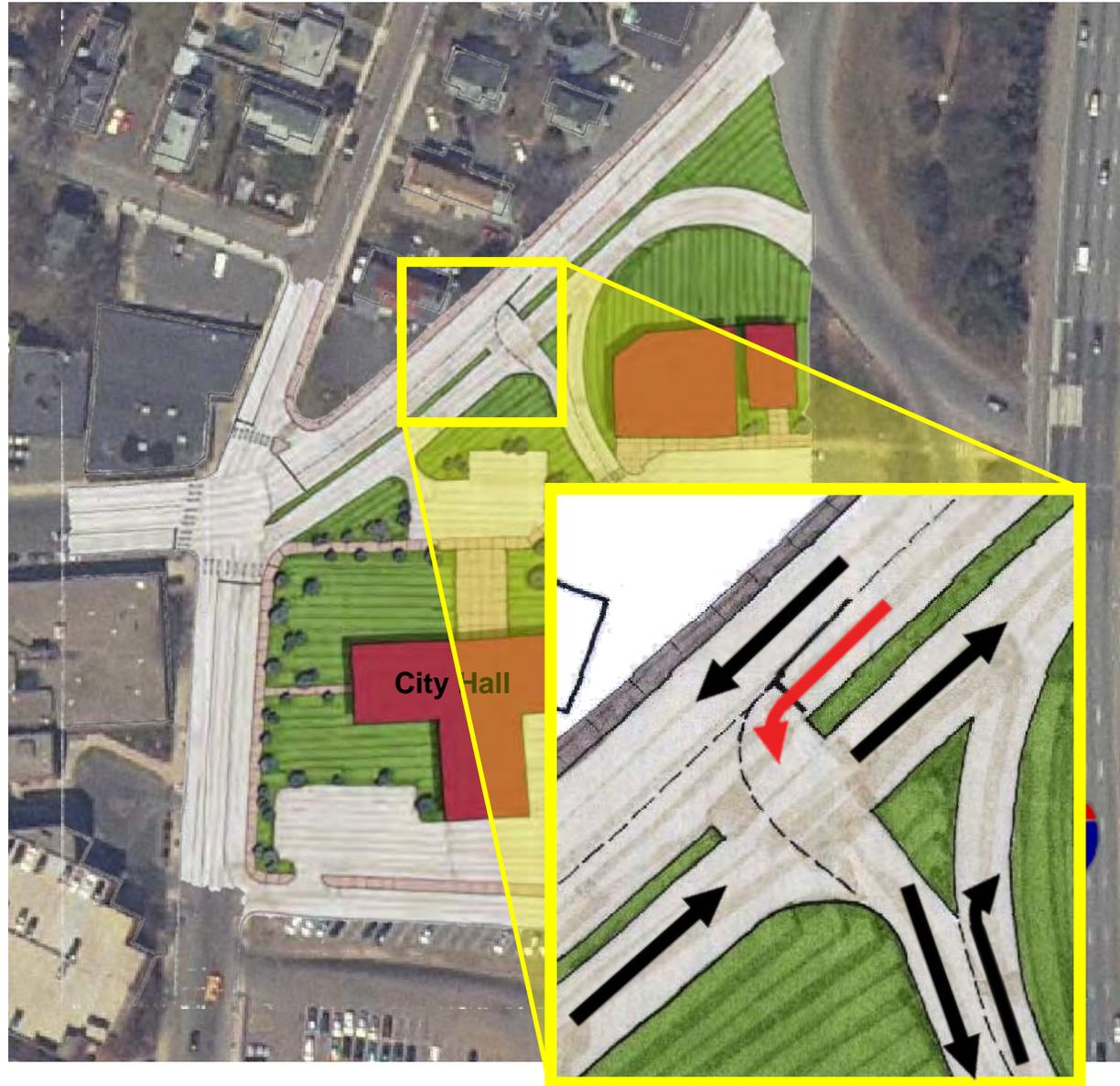
- Current path is poor
- Realign pedestrian path
 - Provide continuous walking path from across I-93 to Medford Square
 - Add crosswalk by SpringStep
 - High culture



Northeast Gateway: Salem St. near City Hall

Vehicle Access

- Direct access from I-93 to new development and the riverfront
 - Allow left turn onto two-way Clippership Drive
- Traffic light to southwest will regulate oncoming traffic
- Add one-way connecting road south of City Hall



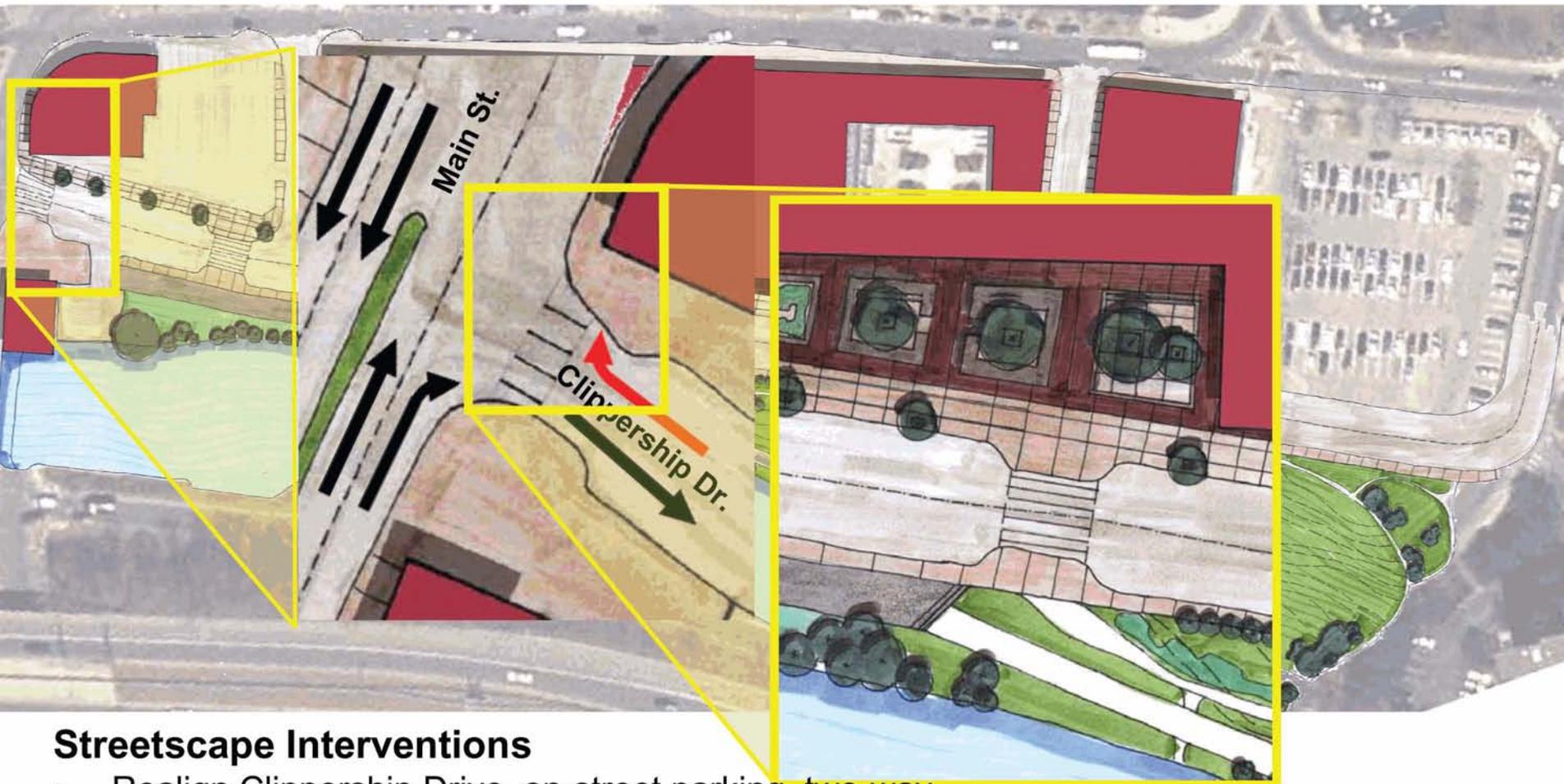
Clippership Drive



Objectives

- Change the perception from bypass road to local street
- Create riverfront open space
- Enable new development and street life oriented to the river

Clippership Drive: Streetscape



Streetscape Interventions

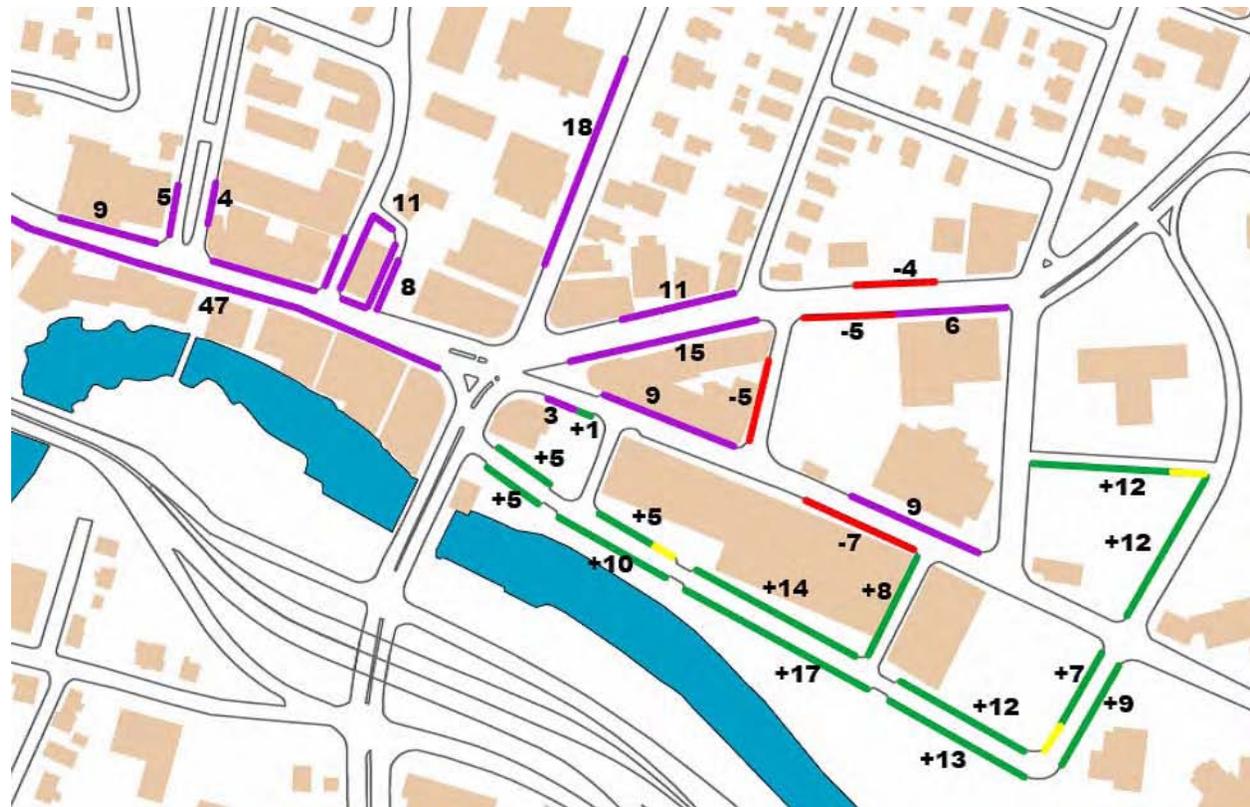
- Realign Clippership Drive, on-street parking, two-way
- “Square off” intersection of Main Street and Clippership Drive
- New, wider sidewalks
- Create plazas between the buildings and sidewalk
- Install crosswalks, lighting, street trees

Clippership Drive: Open Space



On-Street Parking Impacts

- West: no change
- East: 100+ new spaces
 - 130 new spaces constructed
 - 21 spaces eliminated
 - Clippership Drive: 91 new spaces
- 3 loading zones to support businesses



- New Parking
- Existing Parking – Unchanged
- Existing Parking – Removed
- Short-term Loading Zone

Next Steps

- Master Plan
 - Combine all recommendations
- Budget
 - Recommendations for how much developers and city can shoulder
- Model the through traffic regionally
 - Where it's coming from
 - Where it's going to
- Final Report

