

INMAN SQUARE INTERSECTION IMPROVEMENTS PROJECT



Mid Cambridge Neighborhood Conservation District Commission
May 7, 2018



Existing Conditions



1. High crash location. 2008 – 2012, 69 total crashes in 5 years (exceeds MassDOT avg Statewide crash rate). 15 bicycle involved; 5 pedestrian involved.
2. Crosswalks outside of desire lines and some not signal controlled
3. Long distance for pedestrians and bikes to travel
4. No signal control for Hampshire Street Southbound turn to Antrim Street
5. Issues with clearance time for all users

Project Goals



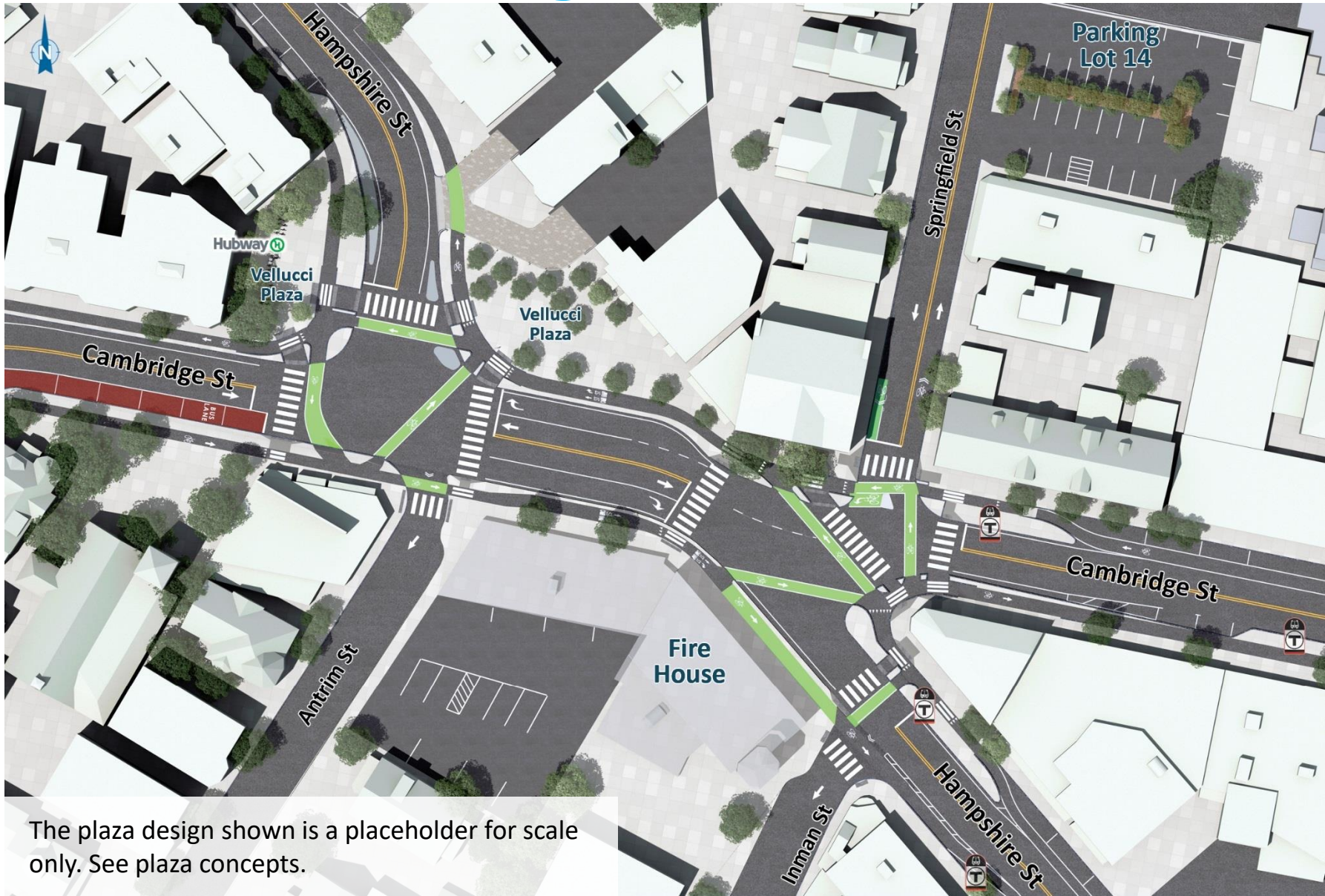
Primary Goal: Improve safety for all users in line with City's commitment to Vision Zero.

Opportunity to also improve plaza, support local businesses, maintain truck & Fire Dept. access.



Design Update

Concept Design — Developed over last 1½ years



The plaza design shown is a placeholder for scale only. See plaza concepts.

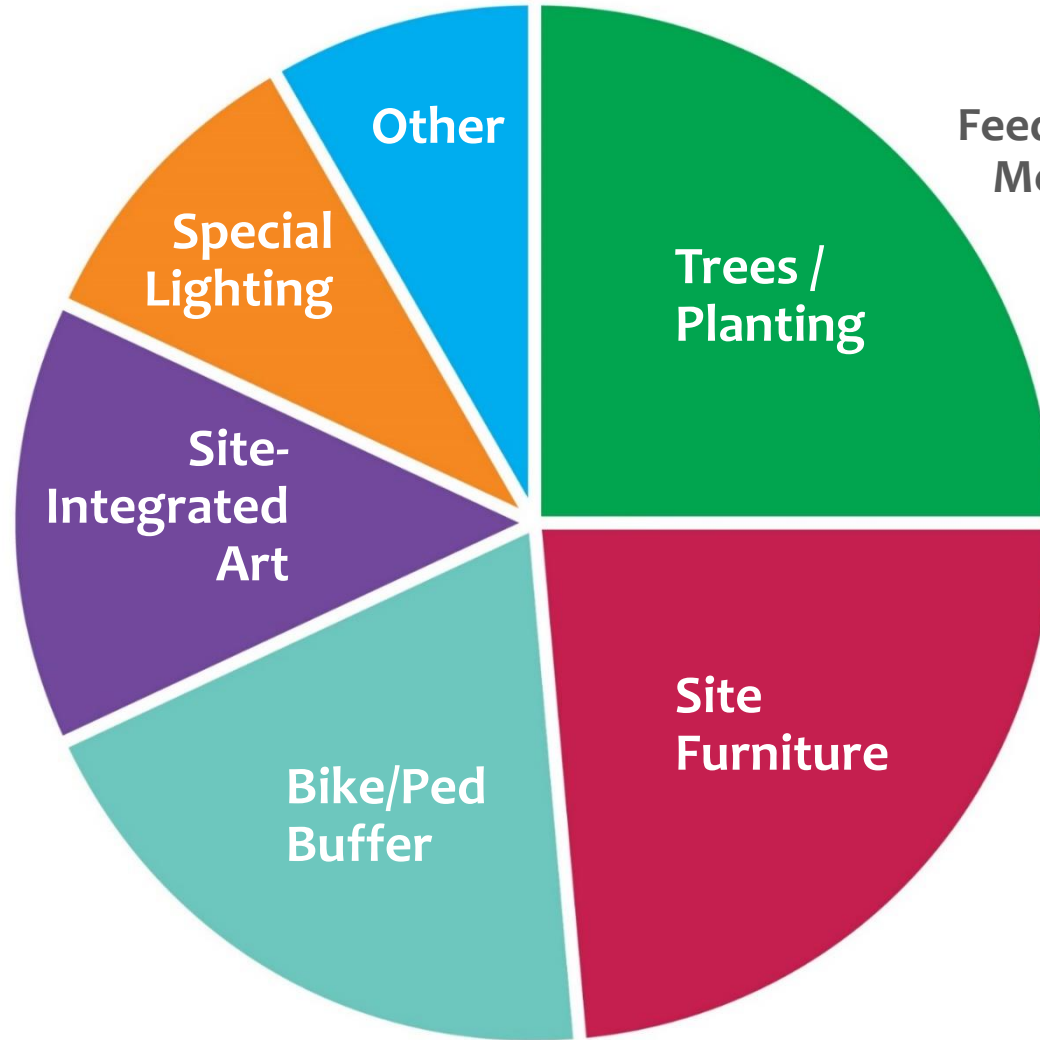
Design Update

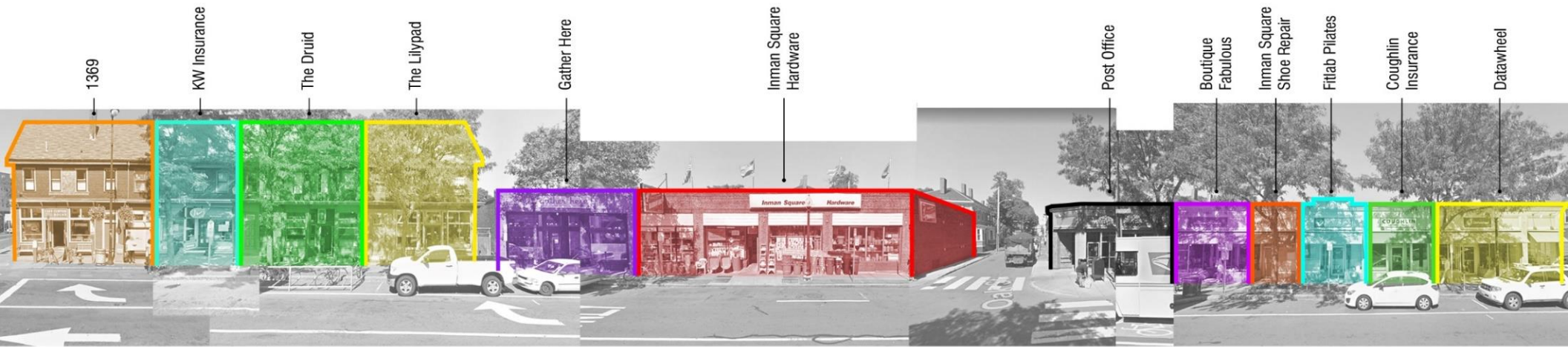
Existing Vellucci Plaza



Community Feedback

**Preferred Plaza
Design Features**
Feedback from Community
Meeting #3 – July 25, 2017





Cambridge Street - Inman Square



Character & Identity

Plaza Design Principles

- **Reflect the Uniqueness** of Inman Square
- **Unify the Plaza** – the east and west
- **Maximize Flexibility** for scale of uses and users
- **Maximize Legibility + Safety for Users** /Minimize Ped/bike confusion
- **Maximize Success for New and Existing Trees**
- **Integrate Storm Water Management**
- **Integrate Public Art**
- **Reuse** Existing Vellucci material strategically



Plaza Design Technical Considerations

- **Safety**
- **Desire lines of pedestrians and bikes**
- **Separated Bike Lane (SBL) guidelines + best practices**
- **Utility coordination**
- **Tree planting details + soil volumes + best practices**
- **Universal accessibility**
- **Maintenance + durability considerations**



Plaza Elements

- **Trees and planting beds**
- **Patterned pavement**
- **Furniture**
- **Lighting**
- **Bike Facilities**
- **Art**
- **Memorial**
- **Water feature (?)**

Plantings





Patterned Pavement



New Road, London



Dewey Square, Boston



Kendall Square, Cambridge



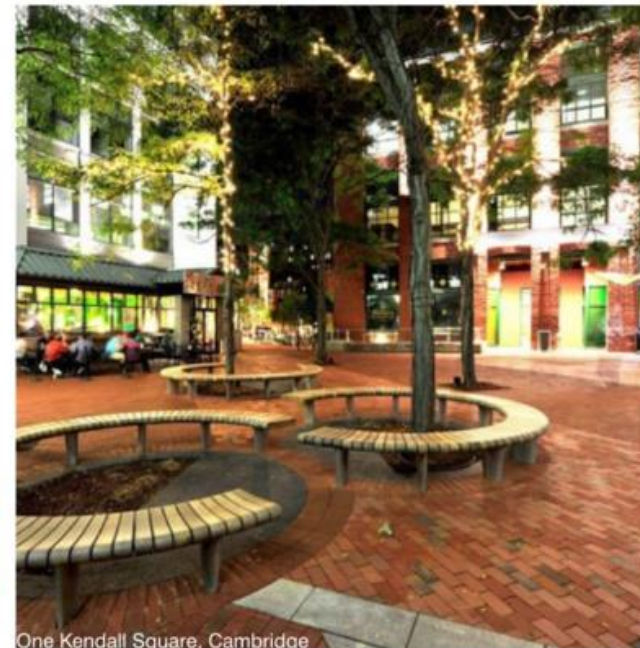
NW23, MIT, Cambridge



MassArt Residence, Boston



Main Street, Cambridge



One Kendall Square, Cambridge

Furniture and Lighting



Festoon Lighting - Langley, Canada



Ottoman Seating - Boston Public Library



Festoon Lighting



Ottoman Seating



Cafe Seating - Cleveland



Wood Bench - NW23 - MIT - Cambridge



Ottoman Seating



Bench - Harvard Science Center Plaza, Cambridge



Bench - Pier 4 Plaza, Boston

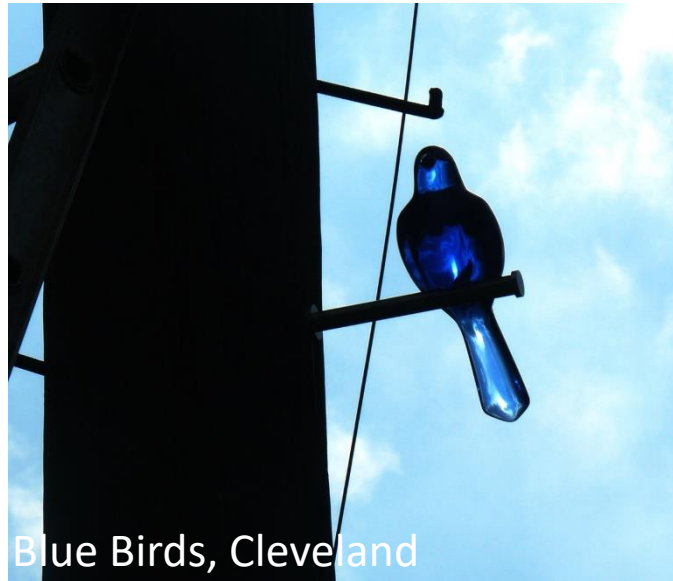


Cafe Seating - Melbourne

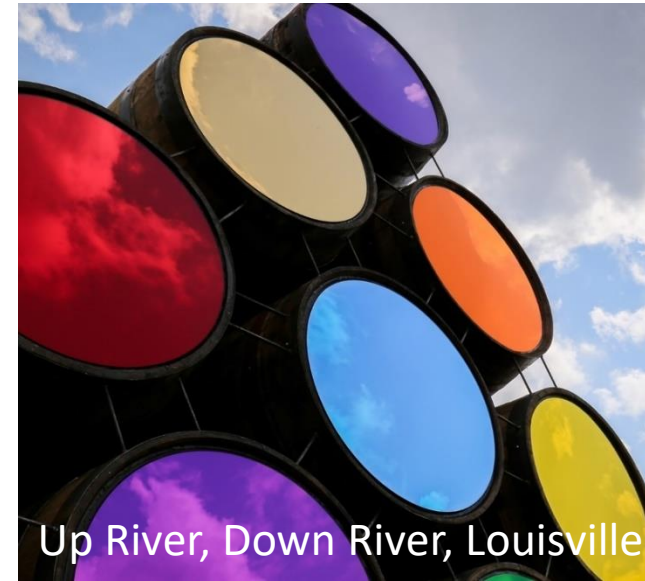


Bench Integrated with Planter - MassArt Residence,

 **Public Art**



Blue Birds, Cleveland



Up River, Down River, Louisville



Stair Squares, NY



Grand Picnic, Case Western



Memorialization



- Bust to remain on West Side per Family Request
- Possible re-use of existing engraved pavers



Recognition of Mayor Vellucci

Water Feature (potential)



Fountain as object



Inground, textural, discovery



Concept 1: Eddy



Concept 2: Puzzle



Concept 1: Eddy



- 1. Bike Rack
- 2. Permeable Unit Pavers
- 3. Non-Permeable Unit Pavers
- 4. Drivable Unit Pavers
- 5. Curbed Planter
- 6. Bollard
- 7. Medium-Scale Trees
- 8. Movable Cafe Tables/Chairs
- 9. Wood Ottoman
- 10. Wood Bench
- 11. Festoon Lighting
- 12. Large Canopy Trees
- 13. Bust of Mayor Vellucci
- 14. Buffer Planting
- 15. Existing Trees to Remain

Concept 1: Eddy



Plaza Concepts



Concept 1: Eddy



Plaza Concepts



Concept 1: Eddy



Plaza Concepts



Concept 1: Eddy



Concept 2: Puzzle





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Plaza Concepts



Concept 2: Puzzle



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Concept 2: Puzzle



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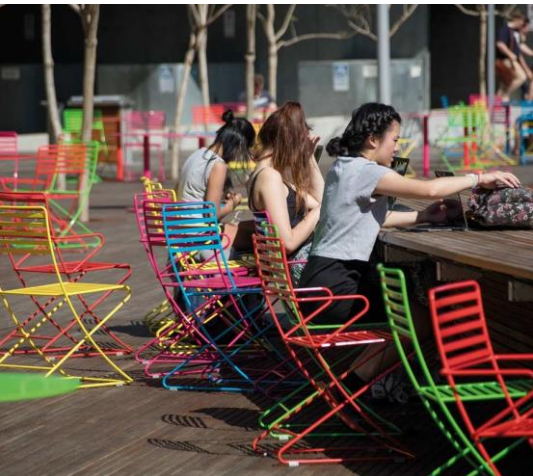
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Concept 2: Puzzle

Plaza Concepts



Plaza Character



NEXT STEPS AND FEEDBACK SESSION

Next Steps

QUESTIONS

CONTACT INFORMATION:

Community.cambridge@kleinfelder.com
www.cambridgema.gov/theworks/inmansquare

