Fulton Market Streetscape
Ogden Avenue to Halsted Street
Public Meeting
Recommended Improvements

December 10th, 2014
Meeting Purpose and Goals

• Present Existing Conditions
• Community Input and Charrette
• Overview of Recommend Improvements
  ➢ Describe ADA Challenges
  ➢ Street Design Concepts by Typology
• Discuss Implementation Plan
Existing Infrastructure - Unseen

- Vaulted Sidewalks
- Remnants of the Freight Tunnel System
- Buried Private Utilities of All Types
- City Sewer, Water and Electricity
- Cobble Roadway Base
Existing Infrastructure and Uses - Visible

**Contemporary**
- Pavement Type and Condition
- Light Poles
- Parkway Treatments
  - Sidewalk and Brick Pavers
  - Landscaping and Trees
  - Sculptures
- Overhead Wires
- Sidewalk Cafés
- Loading Zones
- Parking Zones

**Historic**
- Flush Curbs
- Building Canopies
- Raised Sidewalks
- Steel Curbs
Getting to Great Streets

Placemaking

Modal Hierarchy

Great Streets

Ecological Services

CDOT

Chicago Department of Transportation

July Charrette
Community/Stakeholder Issues and Concerns

• Upgrading existing infrastructure
• Parking
• Accommodation of existing loading needs
• Rationalize curbside uses
• Address pedestrian safety and accessibility
• Speeding during off-peak hours
• Need for flexibility in the street
• Rationalize traffic pattern
• Increase unique programming and activities
• Cultivate culture and community and celebrate unique district identity
Improvement Themes

Maintain Market Integrity
- Corridor may change over time but want flavor of the market infrastructure to stay.
- Bring logic, clarity, and landscaping to Fulton.
- Safety

Celebrate Technology and Food
- Market and innovation district should merge, accommodate, and celebrate historic uses with new technologies.

Keep Fulton Flexible
- Transition from day to night / weekday to weekend.
- Balance curbside uses to reflect changes in use from day to night and weekday to weekend.
- Demand for flexibility increases toward east end of project.

July Charrette
Improvement Themes

Pedestrian Friendly
- Use design elements to provide quality pedestrian experience while still allowing for other uses.
- Address pedestrian safety and ADA needs at higher vehicular volume streets
  - Ogden,
  - Racine,
  - Halsted.

Street as a Public Open Space
- The street could become community open space
- Activities and spaces that support activation, interaction.
  - Temporal
  - Flexible
- Fulton Street as ‘Public Open Space’
What is the Community’s Vision for Fulton Market?

**Flexible Street from Green to Morgan**
- Farmers Market
- Events
- All uses, including food distribution

**Treat Intersections as Important Nodes**
- CTA access at Morgan
- Expressway access using May, Racine, and Ogden
- Gallery hub at Elizabeth

**Raise Intersections to Slow Traffic**
- Green
- Sangamon

**Enhance Safety**
- Pedestrian Safety Measures Along Fulton and at:
  - Morgan, Carpenter & Aberdeen
- Traffic Signals at:
  - Halsted and Fulton
  - Ogden and Fulton

**Design For Changing Land Uses**
- Concentration near Ogden
- Various parcels Carpenter to Green
Proposed Infrastructure Improvements

- Resurface deteriorated pavement
- Rebuild sidewalks and parkways
- Improve City Sewer and Water
- Install Traffic Signals at Fulton and Halsted
- Install new street and pedestrian lighting
- Provide ADA compliant access
  - Along Fulton
  - At intersections
  - Around raised sidewalks
  - To raised sidewalks
- Accommodate pedestrian movements for the entire length of Fulton Street
- Organize & Rationalize Loading Zones
  - At active truck docks
- Organize & Rationalize Parking Zones
- Bury Most Overhead Wires
- Maintain/Permit Canopies
- Retain Most Steel Curbs
- Accommodate Sidewalk Cafés
- Fill Vaulted Sidewalks
Fulton-Randolph Traffic and Curbside Use Study

Purpose:
• Inventory existing curbside uses
• Incorporates time of day and traffic
• Develop recommendations for curbside changes and improvements to pedestrian, bicycle and motor vehicle accommodations

Project Boundaries: Carroll Ave (N), Randolph St. (S), Ogden Ave. (W), Halsted St. (E)
• Study Limits include Fulton Market Streetscape
• Project Timeline:
  - Project Kickoff: 10/15/2014
  - Data Collection Complete: 5/1/2015
  - Study Completion: 10/15/2015
Fulton-Randolph Traffic and Curbside Use Study: PRELIMINARY DATA COLLECTION

- Curbside Use Inventory created from field observations

- 24-hour video footage collected from intersection and mid-block locations along Fulton Market
  - Intersection cameras used to determine daily fluctuations in car, truck, bike, and pedestrian traffic
  - Mid-block cameras used to determine parking utilization and turnover rate
Fulton-Randolph Traffic and Curbside Use Study: PRELIMINARY OBSERVATIONS

- Frequent in-street loading blocks traffic and creates safety issues
- Majority of parking spaces have low turnover rate

**Traffic Trends (5 intersections sample):**

<table>
<thead>
<tr>
<th>Type</th>
<th>Typical Peak Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>11:00 AM – 2:00 PM</td>
</tr>
<tr>
<td>Car</td>
<td>6:00 PM – 9:00 PM</td>
</tr>
<tr>
<td>Truck</td>
<td>Various</td>
</tr>
</tbody>
</table>

**Volume of Through Traffic at Peoria St & Fulton St (15-minute sample times)**

Preliminary data collected from intersection video footage.
Traditional Streetscape Design Theme

- No Parking Zones
- Raised Walk/Loading Dock
- Steel Edge Curb or Dock
- Flush/No Curb
- Existing Trees
- Buildings under construction
- Existing Grass Parkway
- Proposed Flex Street Area
- Proposed Raised Intersection
- Existing Loading areas
- Existing Sidewalk Cafes
- Existing Building Overhangs
- Limits of Historic District
- Proposed Vertical Identifier
- Proposed Minor Gateway Identifier
Transition Section – Halsted to Green

• Standard Curb & Gutter Both Sides

• Halsted Street
  ➢ Recently resurfaced
  ➢ Traffic signal installation (by others)
  ➢ Gateway arch identifier just west

• Fill Sidewalk Vaults
  ➢ Issacson-Stein Fish
  ➢ John Morreale meats

• ADA Improvements at Stein Fish
  ➢ Curb extension northwest corner Fulton and Halsted to protect diagonal parking
  ➢ Split sidewalk, upper level for forklift and shopper access, lower level for street access
  ➢ Install stairs to door and longitudinal railing
  ➢ Flatten longitudinal slope to 5%
  ➢ Flatten cross slope to 1.5% or less
  ➢ Restore steel curb where possible
Sidewalk conditions include: 5.6% to 8.4% cross slopes (1.5% is ADA standard)
6.4% to 9.8% longitudinal slopes (5% to 7.14% standard)
PARKING CHANGES:
• Loss of 1 stall on Fulton for Curb extension
• Possible loss of 1 stall on Fulton for ADA parking
• Gain of 3 to 4 stalls on Halsted due to bus stop relocation

Conceptual design of ADA landing zone under development
Flexible Street Design Theme
Flexible Street – Green to Morgan

- Parkway Reconstruction
- Street Resurfaced
- Flat Gutter - No Curb Both Sides
- Pedestrian Safety Enhancements
  - At Green and Sangamon Streets
    - Raised Intersection
  - At Peoria and Morgan Streets
    - Raised Intersection
    - Vertical Identifier
- Watermain Improvements
  - Along Sangamon from Randolph Street to Fulton Market
- Fill Sidewalk Vault
  - Siam Meats
  - Elsewhere as needed
- Bollards & Other Street Furniture to Delineate Pedestrian Zone
- ADA Improvements
  - ADA ramps for raised sidewalk at Brooklyn Bowl and Aviary/Moto/Next
ADA Solution – Brooklyn Bowl
Concept 1 – Replace stairs with ramps
ADA Solutions – Aviary / Moto / Next

Concept 2 – Keep stairs, ADA route on curb extension, parking loss on Morgan Street
Concept 3 – Replace stairs with ramps and corner curb extension, ADA route on raised sidewalk,
Flexible Street Proposed Cross Sections

EXISTING TYPICAL SECTION
FULTON ST. - GREEN ST. TO PEORIA ST.

PROPOSED TYPICAL SECTION FULTON MARKET
GREEN ST. TO PEORIA ST.
(FLEX STREET)
Flexible Street Longitudinal Section

Peoria Street
Green Street
Halsted Street

Morgan Street
Sangamon Street
Peoria Street
Rendering – Raised Intersection

Looking east on Fulton Street from west of Green Street
Traditional Streetscape Design Theme
Traditional Streetscape Morgan to Racine

- Parkway Reconstruction
- Mix of Standard Curb & Gutter and Raised Curb Both Sides
  - Provide ADA improvement at raised curbs
  - Maintain steel curb face where possible
- Pedestrian Safety Enhancements
  - At Carpenter, Aberdeen, and Racine Streets
    - Curb extensions (to calm traffic)
  - At May Street
    - Curb extensions
    - Vertical Identifier
- Bury Overhead Power Lines
- Fill Sidewalk Vault
  - 1154 West Fulton
Traditional Streetscape Design Theme
Traditional Streetscape
Racine to Ogden

• Parkway Reconstruction
• Standard Curb & Gutter
• Pedestrian Safety Enhancements
  ➢ At Elizabeth Street
    • Curb extensions
    • Vertical Identifier
    • Raised Intersection
  ➢ At Ada Street
    • Consider curb extensions
  ➢ At Ogden Avenue
    • Curb extensions
    • Minor Gateway Identifier
Next Steps in Design Development

Historic Elements

• Street Lighting Style
  ➢ Victorian
  ➢ Contemporary

• Loading Zones
  ➢ Bollards

• Raised Sidewalk
  ➢ Railing
Next Steps in Design Development

Streetscape Elements

• Trees
• Planters
• Benches
• Bicycle Racks
• Trash Receptacles
Next Steps in Design Development

**Traffic, Parking, and Loading Elements**

- **Traffic Flow Options**
  - Maintain current configuration
  - Convert to one-way westbound
  - Convert to two-way

- **Parking Configuration Options**
  - Diagonal /Perpendicular/Parallel
    - More, Less, Keep, Eliminate?
    - How to provide flex street designated pedestrian way?

- **Rationalize Loading and Parking Zones**
  - Match to building use and layout
  - Permitted needs
    - Impacts of providing designated pedestrian way
Next Steps in Design Development

Safety Elements

• Flex Street
  ➢ Ribbed tiles

• Intersection Treatment
  ➢ Curb Extensions
  ➢ Crosswalk Markings
  ➢ Center Area
    • Historic Cobble Paver
    • Other?
Gateway Arch Update
Project Timeline

**Gateway Arch**

**Fulton Street between Green and Halsted**
- Foundation Construction - December 2014
- Gateway Arch Construction - January 2015

**Phase I (Construction in 2015 - 2016)**

**Fulton Street**
- Streetscape from Carpenter to Halsted

**Sangamon Street**
- Watermain from Randolph to Fulton

**Randolph Street - Various Intersections**
- Identifiers

**Phase II (Construction in 2016 - 2017)**

**Fulton Street**
- Streetscape from Ogden to Carpenter