Memorandum

DATE  September 11, 2015

TO  The Honorable Members of the Transportation and Trinity River Project Committee: Lee M. Kleinman (Chair), Deputy Mayor Pro Tem Erik Wilson (Vice-Chair), Sandy Greyson, Mayor Pro Tem Monica R. Alonzo, Adam Medrano, and Casey Thomas II

SUBJECT  Complete Streets Initiative Updates

On Tuesday, September 15, 2015, you will be briefed on Complete Streets Initiative Updates.

Please feel free to contact me if you have any questions or concerns.

Theresa O'Donnell
Chief Planning Officer

C:  Honorable Mayor and Members of the City Council
A.C. Gonzalez, City Manager
Warren M.S. Ernst, City Attorney
Craig D. Kinton, City Auditor
Rosa A. Rios, City Secretary
Daniel F. Solis, Administrative Judge
Ryan S. Evans, First Assistant City Manager
Eric D. Campbell, Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager
Mark McDaniel, Assistant City Manager
Joey Zapata, Assistant City Manager
Jeanne Chipperfield, Chief Financial Officer
Sara Syed, Public Information Officer
Elsa Cantu, Assistant to the City Manager – Mayor & Council
Complete Streets Initiative Updates
Transportation and Trinity River Project Committee
September 15, 2015
Purpose

• Update the Committee on progress on the Complete Streets Initiative

• Review proposed work plan for FY 2015-2016

• Receive the Committee’s recommendation on next steps
What are Complete Streets?

• Streets designed for all users
• One size/design does not fit all situations
• More than just curb to curb roadway design
The Dallas Context

- Different types of neighborhoods:
  - Stable areas
  - Emerging mixed use areas
- Changing development patterns and shifting mobility needs in parts of the City
Key Progress Milestones

• 2011 Bike Plan marked a significant shift in bike policy

• 2011 Federal grant awarded to develop complete streets policy

• 2012 Bond Program included targeted funding for Complete Street projects

• Since 2012 – Annual funding commitment to on-street bike lane striping
Two Pronged Approach

- **Pilot project implementation:** Using a “complete street approach” to design and build already funded street improvement projects to test new design elements through community engagement.

- **New policy development:** Developing new street design policies and guidelines to support a comprehensive, systematic and integrated approach across departments.
Pilot Projects

- The City has been gaining experience from implementing a range of street improvement projects in a variety of contexts

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**LEGEND**

- **Completed**: 10 miles
- **Under Construction**: 5 miles
- **Under Design**: 18 miles
Pilot Project Examples

Greenville Avenue

Bishop Avenue

Greenville Avenue
Pilot Project Examples

Sylvan Avenue

Elm Street
Pilot Project Examples

Routh Street

Cedar Springs Roads
Pilot Project Examples
New Policy Development

Draft Complete Streets Design Manual

- Street design policies and guidelines
- Multi-disciplinary project planning and implementation process
- Complete Street Vision Map overlay

Pedestrian Zone Design Guidelines

Design guidelines for elements between the street curb and the building face

- Street Furniture
  - Seating
  - Bike racks
  - Bollards
  - Recycling/garbage bins
  - Newspaper racks
- Transit Stops
- Driveways
- Urban Open Space
  - Plazas, pocket parks, parklets
  - Sidewalk cafes
- Pedestrian lighting
- Informational kiosks
- Way-finding and signage
Design guidelines for street elements between the curbs

- Safe speeds
- Couplets
- Slip streets
- Shared streets
- Bikeways
- On-street parking
- Transit lanes
- Road diets
- Chicanes
- Speed tables

- Median / islands
- Paving treatment
- Street lighting
Intersection Zone Design Guidelines

Multi-modal design guidelines for street intersections

- Controlled and uncontrolled intersections including roundabouts
- Geometric design guidance
- Key pedestrian treatments
- Key bicycle treatments
- Key transit treatments
Design guidelines for green drainage elements

- **Landscaping**
  - Bioretention
  - Infiltration trenches
  - Planter boxes
  - Enhanced swales
  - Landscaped medians
  - Underground detention

- **Pavement**
  - Permeable pavement
  - Permeable asphalt/concrete
  - Permeable pavers
### Design Element Priorities Chart

#### Pedestrian Zone
- Street Furniture
- Sidewalk Cages
- Pedestrian Lighting
- Information Kiosks
- Bicycle Signage

#### Street Zone
- Street Furniture
- Trees and Greening (Buffer Zone)
- Recycling/Trash Cans
- Transit Stops
- Paseos/Pocket Parks/Parks
- Limited Curb Cuts and Driveways
- Sidewalk Cages
- Pedestrian Lighting
- Information Kiosks
- Bicycle Signage

#### Intersection Zone
- Street Furniture
- Trees and Greening (Median)
- On-street Parking
- Bike Lanes
- Pedestrian Islands
- Mid-block Pedestrian Crossings
- Special Pavement Treatment/Speed Tables
- Street Lighting
- Mid-block Pedestrian Crossings
- Special Pavement Treatment/Speed Tables
- Traffic Circles
- Curb Extensions/Bulbouts
- Multi-modal Intersections/Bulbouts
- Special Pedestrian Signals
- Special Bicycle Treatments
- Special Transit Treatments

#### Contextual Street Type Overlays

<table>
<thead>
<tr>
<th>Mixed-Use Streets</th>
<th>Commercial Streets</th>
<th>Residential Streets</th>
<th>Industrial Streets</th>
<th>Parkways</th>
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#### Bike and Transit Network Overlays

| Bike Network Overlay | Transit Network Overlay
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Primary Consideration - Green
Secondary Consideration - Yellow
Optional Consideration - Orange
Not Desirable - Red
Not Relevant - White

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Upcoming Work Plan

• Council briefing and action on Complete Streets Design Manual

• Hire consultants to update the Paving Design Manual and Drainage Design Manual

• Administrative amendment to the Thoroughfare Plan to incorporate the complete street overlay

• Incorporate Complete Streets Design manual into forwardDallas! to broaden policy role
Upcoming Work Plan (contd.)

• Continue ongoing implementation of funded complete street projects and bike lane striping

• Coordinate with ongoing streetcar planning, DART bus route planning and on-street parking improvements

• Identify complete street opportunities for the next bond program
Issues to Consider Going Forward

• Funding mechanisms for increased capital and maintenance costs

• Monitoring and evaluation of completed projects to assess performance
Recommended Committee Action

- Recommend moving forward with a full Council briefing and action on Complete Streets Design Manual

- Move forward with hiring consultant team to update the Paving Design Manual and Drainage Design Manual
Discussion
Appendix

• Completed projects
• Projects under construction
• Projects under design
### Street Names and Extents

- **Bexar**: Municipal to Elsie Faye Heggins
- **Bishop (Phase 1)**: Neely to 8th
- **Bishop (Phase 2)**: Colorado to Neely
- **Cedar Crest**: Morrell to Cleveland
- **Cedar Springs**: Harwood to Katy Trail
- **Dickerson**: McCullum to Frankford
- **Elm**: Good Latimer to Expedition
- **Greenville (Phase 1)**: Alta to Bell
- **Hi Line**: I 35 to Trinity Strand Trail
- **MLK (Phase 1)**: Intersection improvements at Atlanta, Malcolm X, R.B. Cullum
- **Mockingbird**: Airline to Matilda
- **Mockingbird Plaza**: SMU Blvd
- **Preston**: Arapaho to Davenport
- **Routh**: Woodall Rodgers to San Jacinto
- **Singleton**: Canada to Hampton
- **Sylvan (Phase 1)**: IH 30 to Ft Worth
# Projects Under Construction

<table>
<thead>
<tr>
<th>Street Names and Extents</th>
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<tbody>
<tr>
<td>• Beckley/Commerce Intersection</td>
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<tr>
<td>• Cadiz: Riverfront to Lamar</td>
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<tr>
<td>• Chalk Hill (Phase I): I 30 to Davis</td>
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<td>• Continental : Riverfront to Houston</td>
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<td>• Greenville (Phase 2): Alta to Ross and Belmont to Bell</td>
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<td>• Griffin: Young to Elm</td>
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<td>• Houston: All Star to Lamar</td>
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<td>• Keller Springs/Westgrove Interchange</td>
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<td>• MLK (Phase 2): R.B. Cullum to Trunk</td>
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<td>• Pearl: Live Oak to Gaston</td>
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<td>• Pearl and Taylor (Farmers Market)</td>
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<tr>
<td>• Riverfront (Phase 1): Continental to UPRR</td>
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<td>• S. Lamar: IH 45 to Emery</td>
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## Projects Under Design

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<tr>
<td>Al Lipscomb: R.B. Cullum to Good Latimer</td>
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<tr>
<td>Amonette: Singleton to Commerce</td>
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<td>Bataan: Singleton to Commerce</td>
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<tr>
<td>Beckley: I 30 to Singleton</td>
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<tr>
<td>Beckley: Colorado to Zang</td>
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<td>Colorado: Zang to Bishop</td>
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<td>Bishop (Phase 3): 8th to Jefferson</td>
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<td>Canada: Westmoreland to Hampton</td>
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<td>Cedar Springs: Douglas to Oak Lawn</td>
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<td>Chalk Hill (Phase 2): Singleton to I 30</td>
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<tr>
<td>Commerce: Good Latimer to Hall</td>
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<td>Community Drive: Denton to Larga</td>
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<td>Davis: Clinton to Cedar Hill</td>
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<td>Denton: Royal to Walnut Hill</td>
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<tr>
<td>Elam: Pemberton Hill to 2000' west</td>
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<td>Fair Park Link</td>
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<td>Ft. Worth: Sylvan to Beckley</td>
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<td>Street Name and Extents</td>
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<tr>
<td>• Henderson: US75 to Ross</td>
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<td>• Herbert: Singleton to Commerce</td>
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<td>• Highland: Ferguson to Primrose</td>
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<td>• Holly Hill: Phoenix to Pineland</td>
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<td>• JB Jackson: Al Lipscomb to MLK</td>
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<td>• Jefferson: Zang to Adams</td>
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<td>• Knox: Katy Trail to US75</td>
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<td>• Lamar: Young to Ross</td>
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<td>• Main: Good Latimer to Hall</td>
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<td>• Phoenix: Holly Hill to Fair Oaks</td>
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<td>• Riverfront (Phase 2): UPRR to Cadiz</td>
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<td>• Spring: Hatcher to Carter</td>
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<td>• Sylvan (Phase 2): Fort Worth to Singleton</td>
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<td>• Troy: Heggins to Collins</td>
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<td>• Victory: Hi Line to Lamar</td>
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<td>• Wheatland: University Hills to Lancaster</td>
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Projects Under Design (Contd.)