CIVIC OPPORTUNITIES MASTER PLAN
NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT - SEGMENT 3

Central Houston
June 13, 2019
Bring communities together rather than divide them by:

- Facilitating multi-modal linkages between the city’s districts, neighborhoods and public spaces
- Improving the quality of life for its citizens by ensuring that all have access to vibrant public open spaces
- Creating a sense of community by restoring neighborhood connections
Infrastructure Connectivity Projects

National Examples

- Chicago 606
- 5th Street Bridge Atlanta
- Atlanta Beltline
- Klyde Warren Park Dallas
- The Highline NYC
Civic Opportunity – Early Project Visions

Midtown Caps

Third Ward Bridges

EaDo

Fifth Ward Detention Park
Civic Opportunity – Early Project Visions

North Canal

Buffalo Bayou

N. Main St. Cap

White Oak Bayou Trail
OCCUPANCY SITES

01 Midtown / Museum District Caps
02 Midtown and Third Ward Bridges
03 EaDo Greenway
04 EaDo Cap
05 Buffalo Bayou Wetland Park
06 Warehouse District
07 UH Downtown Campus / White Oak Bayou Park
08 Post Office and City Campus
09 Buffalo Bayou Gateway
10 Fourth Ward Connection
11 Pierce Street Redevelopment / Linear Park
12 North Main Cap
13 Little White Oak Bayou
Civic Opportunities – Key Aspirations

1. **CONNECT** Neighborhoods Severed by Existing Highways
   - Connect Neighborhoods to Parks and Amenities
   - Connect People to City-wide Destinations
   - Develop Regional Open Space Networks

2. **BUILD** on the City’s Existing Natural and Built Networks
   - Create Pedestrian-centric Trails and Sidewalks
   - Incorporate New Bike Lanes into Existing Bike Network
   - Link New and Existing Open Space to create a Legible Open Space System

3. **MAXIMIZE** Development Opportunities
   - Create Destinations
   - Create Re-Development Opportunities
   - Leverage City Assets
Civic Opportunities – Existing Highways

- FIFTH WARD
- EADO
- THIRD WARD
- BUFFALO BAYOU
- NORTHSIDE
- FOURTH WARD
- PIERCE CORRIDOR
- MIDTOWN
Civic Opportunities – Bayou Trails Network

- EADO
- THIRD WARD
- NORTH SIDE
- BUFFALO BAYOU
- FOURTH WARD
- EADO
- PIERCE CORRIDOR
- MIDTOWN
- FIFTH WARD
Civic Opportunities – Open Space & Connectivity
Civic Opportunities – Identifying the Needs
Stakeholder Input

Northside  Midtown  Fifth Ward

EaDo  Third Ward  Westside
Potential Projects – NHHIP Segment 3

35 Projects
Potential Projects - Midtown

**Midtown Garden Bridges**
Street trees on bridge structures create strong walkable connections between adjacent neighborhoods.

**Transit Center**
Coordinate with METRO and area stakeholders to create a framework for future Transit-Oriented Development.

**Fannin Cap**
Develop Transit Plaza and open space amenity on cap that complements future development character.

**Wheeler / Caroline Cap**
Develop open space and park amenities on cap that complement innovation campus and neighborhood uses.

**Almeda Cap**
Develop open space and park amenities on cap that complement neighborhood uses and support Almeda corridor as a commercial spine of the district.

**Museum Park**
Potential Projects – Midtown: Fannin Cap
Potential Projects – Midtown: Wheeler/ Caroline Cap
Potential Projects – Midtown: Almeda Bridge
**Potential Projects – Third Ward**

- **GARDEN BRIDGES**: Street trees on bridge structures create strong walkable connections between EaDo, Third Ward and Downtown.

- **THIRD WARD / MIDTOWN BRIDGES**: Develop enhanced pedestrian and bicycle facilities at highway bridge crossings to strengthen neighborhood connectivity and mitigate impact of highway.

- **FOUR CORNERS GATEWAY**: Develop public open space to activate underutilized land beneath TxDOT interchange and strengthen community amenities and connectivity.
Potential Projects – Third Ward: Arched Bridges
Potential Projects – Third Ward: Four Corners Understory Park
Potential Projects – EaDo Cap Park

**BIKE TRAIL CONNECTION**
Provide pedestrian bridge over existing street crossings for direct trail connection between EaDo Cap and Buffalo Bayou trail system.

**POLK STREET CONNECTION**
Create a gateway pedestrian and bicycle bridge connection between EaDo, EaDo Cap and Downtown.

**EaDo CAP**
Develop 9 block cap to provide the City of Houston a new park destination with enhanced civic event infrastructure.
Potential Projects – EaDo Cap Park
Potential Projects – EaDo Cap Park
Potential Projects – EaDo Cap Park
Potential Projects – EaDo Cap Park
Potential Projects – Northside: White Oak Trails
Potential Projects – Northside: White Oak/ UHD

NEW ELEVATED FREWAY
Potential Projects – Northside: North Canal
Potential Projects – Fifth Ward: Frostown Crossing
Potential Projects – Westside: Buffalo Bayou Market
Potential Projects – Westside : Buffalo Bayou Gateway
Potential Projects – Fourth Ward: Andrews Cap
Potential Projects – Fourth Ward: Andrews Cap

ANDREWS STREET
Potential Projects – Pierce Corridor

PIERCE SKYPARK WEST GATEWAY
Create a gateway pedestrian and bicycle bridge connection between Pierce Skypark and Freedmen’s Town Cap.

PIERCE SKYPARK
Redevelop existing highway structure to establish an iconic elevated 15 block linear public open space and catalyst for future development along the corridor.

PIERCE SKYPARK EAST CONNECTION
Pedestrian and bicycle bridge linking Pierce Skypark with Third Ward/EaDo corridors.
Potential Projects – Pierce Corridor: Pierce Street Improvements
Potential Projects – Pierce Corridor: Pierce Skypark
PUBLIC OPEN HOUSES
Come discuss the
VISION & OPPORTUNITIES
for connecting neighborhoods and creating great spaces related to the
NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT

**EAST SIDE:** Wednesday, August 29, 2018, 5:30-7:00 PM
**NORTH SIDE:** Tuesday, September 4, 2018, 5:30-7:00 PM
**WEST SIDE:** Thursday, September 13, 2018, 5:30-7:00 PM

For more information, contact Peter.Eccles@HoustonTX.gov
Civic Opportunities – Confirming the Needs

Public Input

“ADDRESS ISSUES FROM HARVEY”

“FOCUS ON MULTI-MODAL SYSTEM”

“PLEASE DON’T JUST BUILD A BIG DITCH (NORTH CANAL)”

“GREEN SPACE IS CRITICAL”

“BIKE / PED CONNECTIONS TO DESTINATIONS”

“INTEGRATE COMMUNITIES HISTORICALLY CUT OFF BY FREEWAYS AND RAILROADS”

“COMFORTABLE / WALKABLE BRIDGES”

“UNIQUE VISITOR ELEMENTS”
Civic Opportunities – NHHIP Segment 3 Assets
44 Street Crossings / 26 Bridges Rebuilt Across the Project
### Civic Opportunities – Coordination: City Street Crossings

**TxDOT & City of Houston Collaboration**

#### 44 City Street Crossings / 26 Bridges

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<th># OF THROUGH LANE LANKES</th>
<th>WIDTH PER LANE (FT)</th>
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Civic Opportunities – Coordination: City Street Crossings

Montrose Bridge Lessons Learned

6’ Pedestrian Realm

6’ Pedestrian Realm
Civic Opportunities – Coordination: City Street Crossings

Bridge Width & Pedestrian Realm

10’ - 17’ Pedestrian Realm
Civic Opportunities – Coordination: City Street Crossings
Bridge Width & Pedestrian Realm

Existing Bridges

NHHIP Garden Bridges
Civic Opportunities – Coordination: North Canal
Pedestrian Realm
Civic Opportunities – Coordination: North Canal
Pedestrian Realm

North Canal – Civic Opportunity Section

North Canal – Proposed Section

Cross Sectional Area: 3880 sf
Potential Projects – NHHIP Segment 3
35 Projects
Civic Opportunities – Identify for Each of the 35 Projects

- Project Limits
- Project Program & Quantities
- Current Property Ownership
- Ultimate Property Ownership (Conveyance Process & Timing)
- TxDOT Scope Integration & Time Table Deadlines
- Lead Development Entity/ Participating Entities
- Estimated Project Capital Costs
- Potential Sources of Capital Funds
- Cost Allocation Between Sources
- Operating Entity (or Entities)
- Estimated Project M&O Costs
- Potential Sources of M&O Funds
- Project Timetable/ Coordination with Other Projects
- Development Issues/ Challenges
- Stakeholder/ Community Support
Civic Opportunities – Pierce Corridor Detail
Skypark Plaza Plan

- Street Trees, 12’ Sidewalk and Roadway Lighting
- 10’ Bike Lane
- Specimen Trees
- Planting Area
- Paver Zone
- Benches
- Catenary Structure
- Shade Structure
- Lawn Area
- Balcony Railing
- Stairs and Glass Elevator
- Metrop Downton Transit Center
- Pierce Street
- Travis Street
- Main Street
- 2016 Main
Civic Opportunities – Potential Funding Sources

- TxDOT
- Tax Increment Reinvestment Zones
- Municipal Management Districts
- TxDOT- City Land Swaps
- Houston First Corporation
- Harris County Houston Sports Authority
- New Venue District
- Harris County Flood Control District
- H-GAC Transportation Improvement Program
- Public Private Partnerships (P3)
- Revenue from Operations
- Corporate Sponsorship
- Charitable Contributions
Civic Opportunities – Potential Capital Funding

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2019 - 2020
2021
2028
2036

NHHIP COMPLETE
Build Civic Opportunities
CIVIC OPPS COMPLETE

Vision
Build Concurrent Work
Build Civic Opportunities

Civic Opportunity Projects

TxDOT NHHIP Project

Design
Build Freeway

2021
2028
2036
**FINDINGS** | The civic opportunities can generate a total benefit on the order of $7.2B. The whole is greater than the sum of its parts.

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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$5.6B</strong></td>
<td><strong>$7.2B</strong></td>
<td><strong>$9.0B</strong></td>
</tr>
</tbody>
</table>