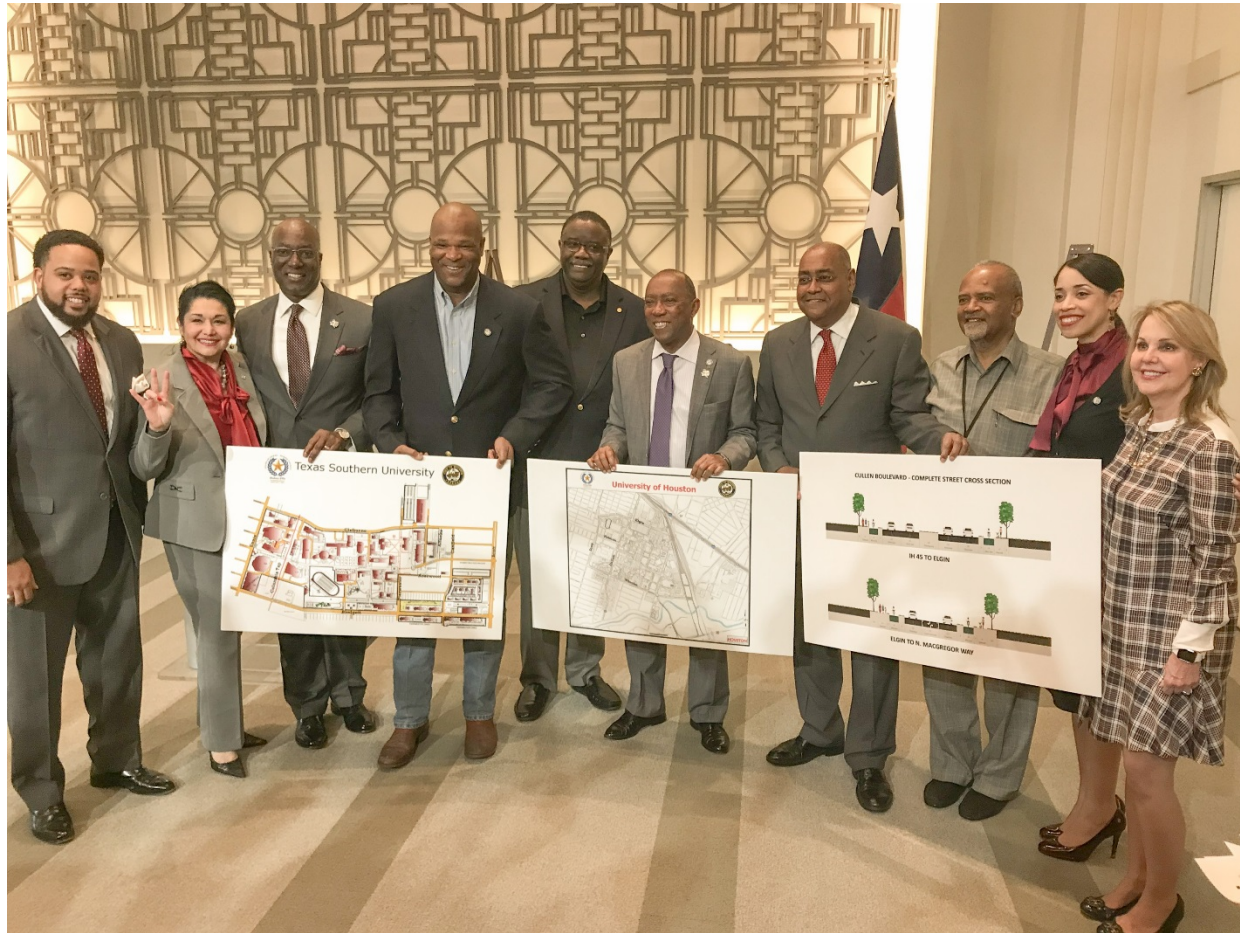


Cullen Boulevard Transformation

From City Thoroughfare to
Pedestrian-Friendly Campus Street

CFPC Briefing
March 29, 2019

BUILDING A BETTER THIRD WARD



March 2018—Commissioner Rodney Ellis and Mayor Sylvester Turner announce a joint agreement to improve streets in the University of Houston and TSU neighborhoods.

Street Improvements Around UH, TSU Announced

March 14, 2018

Like 15

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Harris County Commissioner Rodney Ellis and Houston Mayor Sylvester Turner announced a joint agreement in which Precinct One will pay \$30 million to improve seven streets in the University of Houston-Texas Southern University corridor.

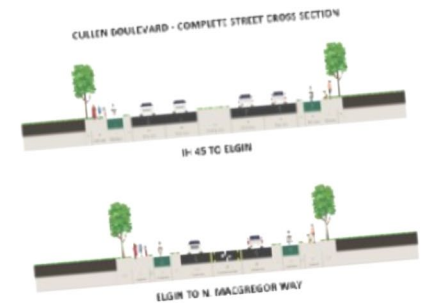
"This is a great example of how Harris County can innovatively and strategically partner with the City of Houston, our universities and other entities to improve mobility, safety and quality of life for all residents," Precinct One Commissioner Ellis said. "Precinct One is looking forward to supporting TSU and UH, and the entire Third Ward community through this project."

Dubbed "Complete Streets" project, the improvements dovetail with Mayor Turner's Complete Communities program, which involves improving Third Ward and other neighborhoods.

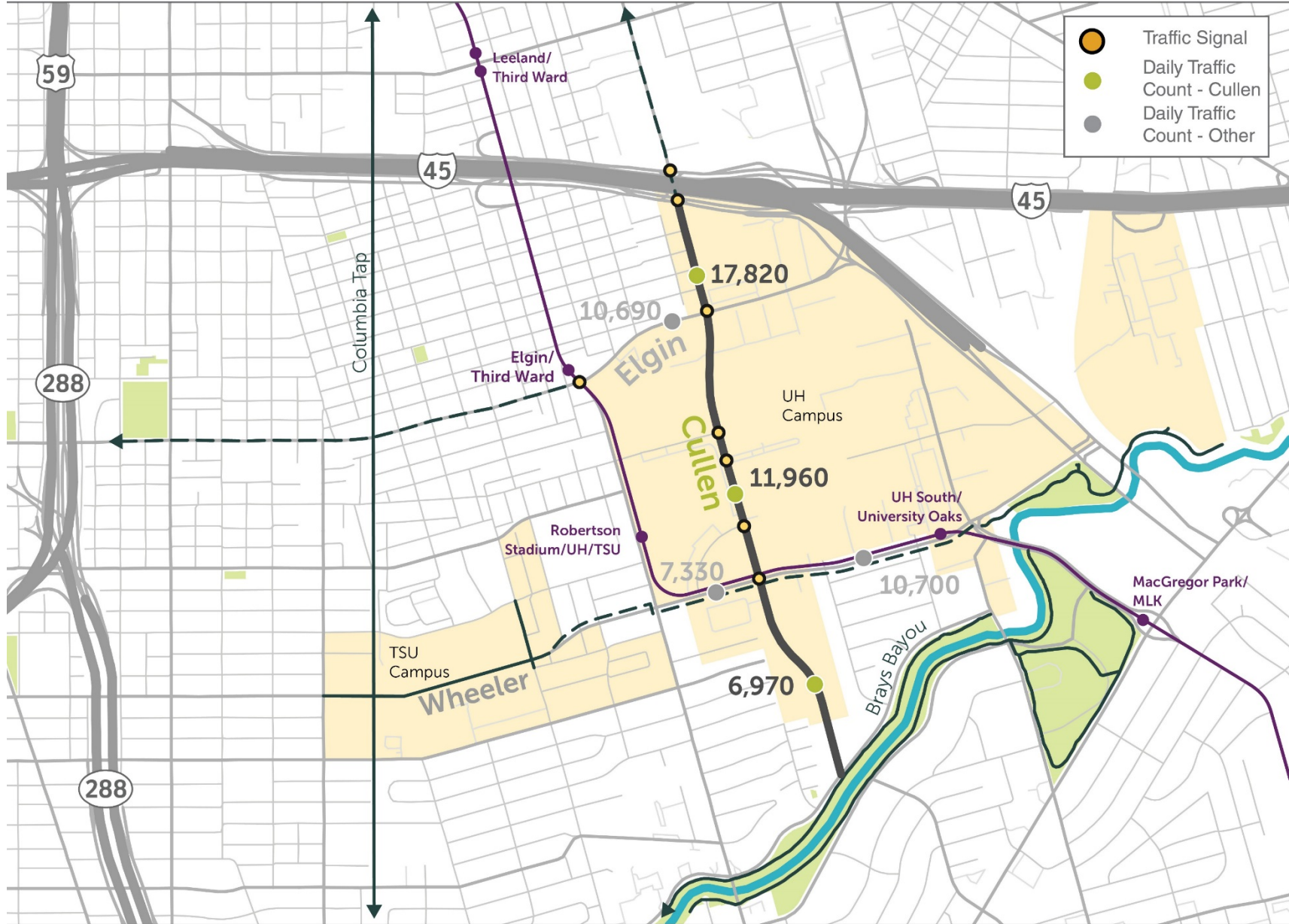
"Now I'm excited to see that the Commissioner is bringing safer, more attractive streets to this community of twin universities," Mayor Turner said. "If the improvements in these areas were just relying on the city, they would be highly incomplete."



UHS Regent Paula Mendoza represented UH at a press conference at Houston City Hall



DAILY TRAFFIC VOLUMES



BIKEWAY NETWORK

Houston Bike Plan

LEGEND

- Existing Bikeways
- Proposed Bikeways
- UH & TSU Campus Area



WHY INVEST IN CULLEN BOULEVARD?

IMPROVED SAFETY

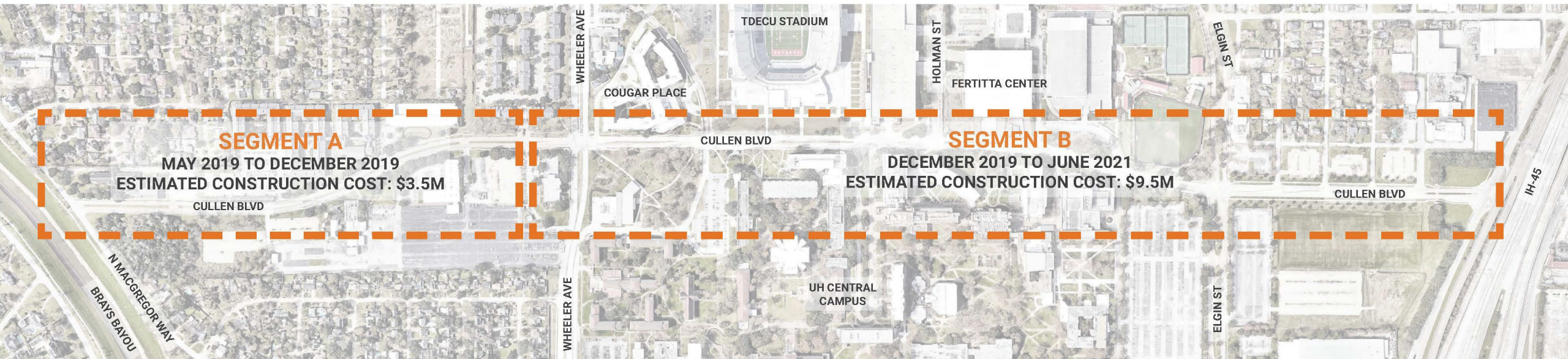
- narrower street, slower traffic
- improved sidewalks, ADA ramps
- new pedestrian lighting
- improved bus stops
- enhanced shared use path
- gate arms at light rail crossing

BEAUTIFUL STREETS

- pedestrian friendly
- street trees
- shaded walks
- native trees
- fall and spring color
- consistent image and details

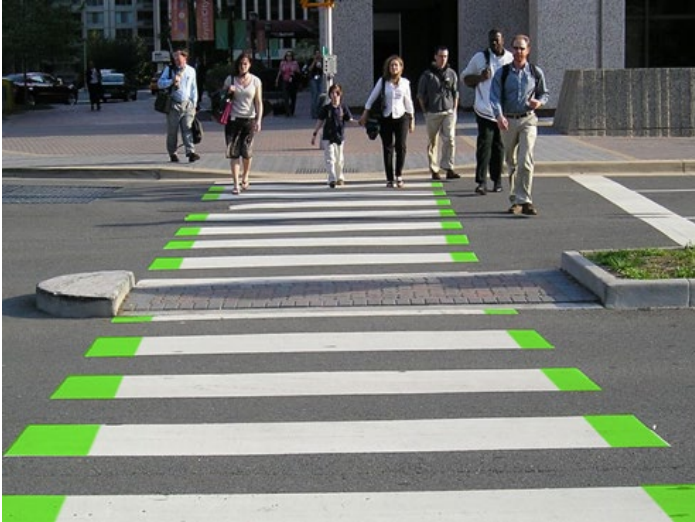
IMPROVED DRAINAGE

- improved storm sewers
- new rain storage tanks
- increased storage capacity
- reduced flooding



IMPROVED SAFETY & MOBILITY

PEDESTRIAN & BIKEWAY CROSSINGS



Clarity in crosswalk marking. ADA warnings



CULLEN BOULEVARD AT HOLMAN STREET
THREE-WAY PEDESTRIAN SIGNAL

BEAUTIFUL STREETS

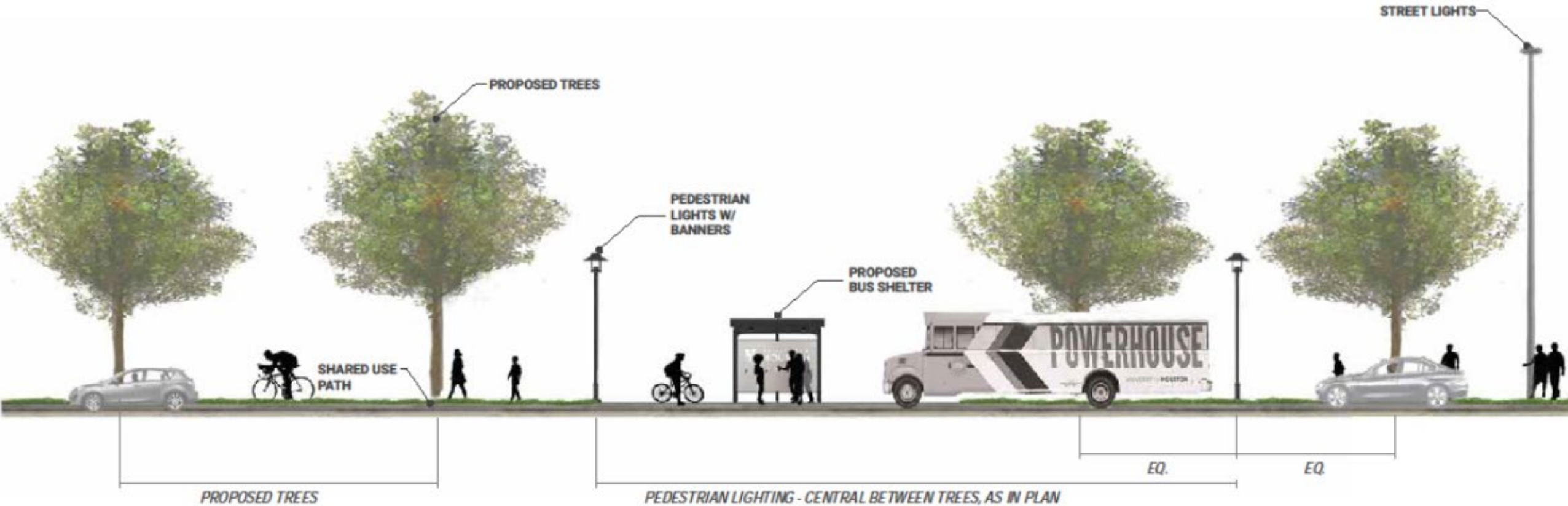
TYPICAL LANDSCAPE SECTION



N. MacGregor Way to Cougar Place

BEAUTIFUL STREETS

TYPICAL LANDSCAPE ELEVATION



N. MacGregor Way to Cougar Place

BEAUTIFUL STREETS



N. MacGregor Way to Cougar Place

BEAUTIFUL STREETS

TYPICAL LANDSCAPE SECTION (CURBLESS PLAZA)



Cougar Place to Holman Street

BEAUTIFUL STREETS

TYPICAL LANDSCAPE ELEVATION (CURBLESS PLAZA)



Cougar Place to Holman Street

BEAUTIFUL STREETS



Cougar Place to Holman St (at TDECU Stadium)

BEAUTIFUL STREETS

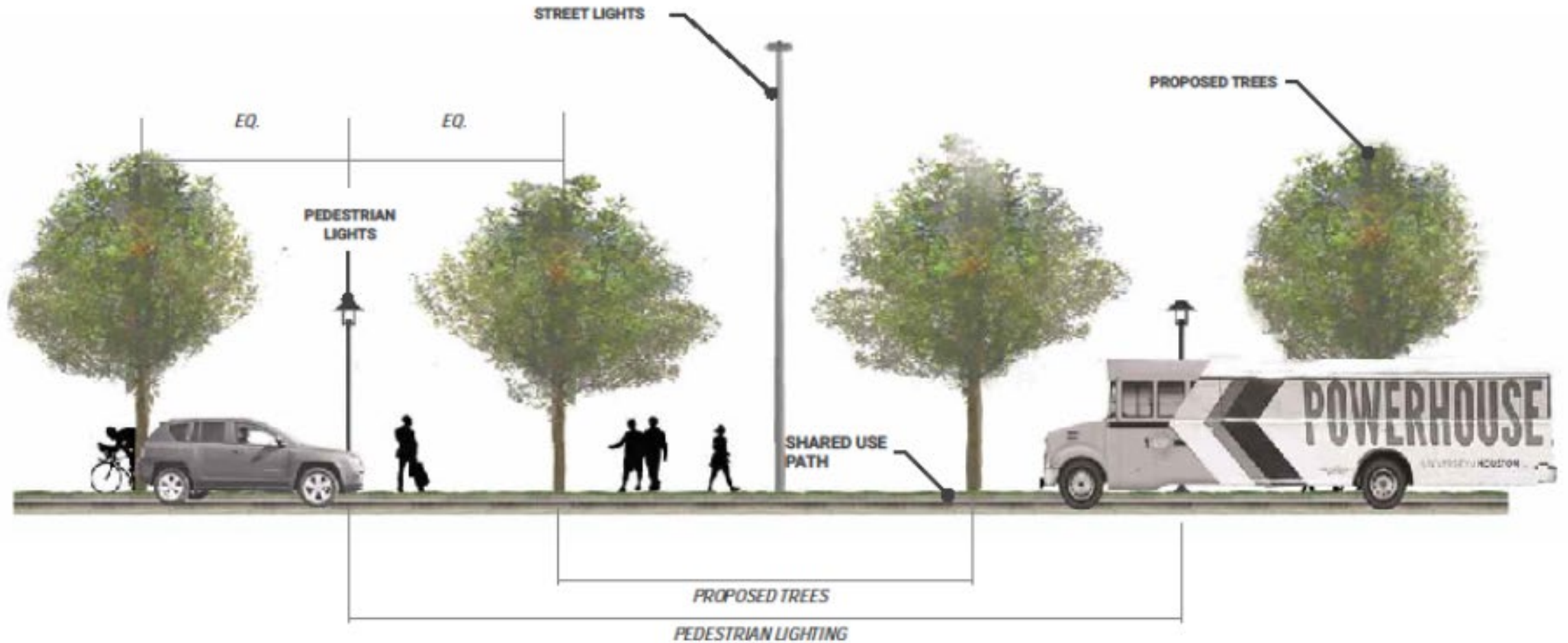
TYPICAL LANDSCAPE SECTION



Holman Street to Elgin Street

BEAUTIFUL STREETS

TYPICAL LANDSCAPE ELEVATION



Holman Street to Elgin Street

BEAUTIFUL STREETS

TYPICAL LANDSCAPE SECTION W/ MEDIAN



Elgin Street to IH-45

CONSISTENT PATTERN

STREET TREES



Cathedral Oak

- evergreen
- average height: 35'-45'
- shade tree
- columnar form
- native species



MEDIAN TREES



Chalk Maple



Cedar Elm



Texas Pistache



Fringe Tree



Redbud

CONSISTENT IMAGE

SHARED USE PATH

- 14'-16' wide shared use path, connecting City bike network
- Shaded, with regular pattern of street trees



PUBLIC TRANSIT

- Bus pullout lanes for safety
- Bus shelters for user comfort
- UH branded shelters



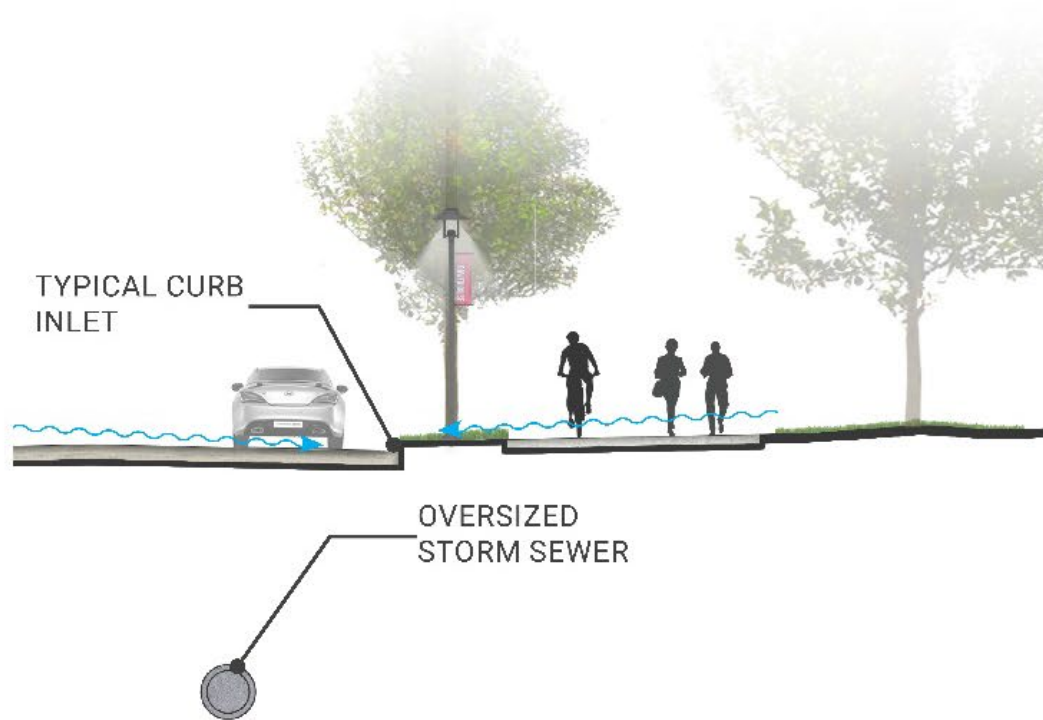
LIGHTING & BOLLARDS

- Pedestrian lighting for safety and visibility of pedestrians and cyclists
- Bollards and street trees for separation of pedestrians and motorists



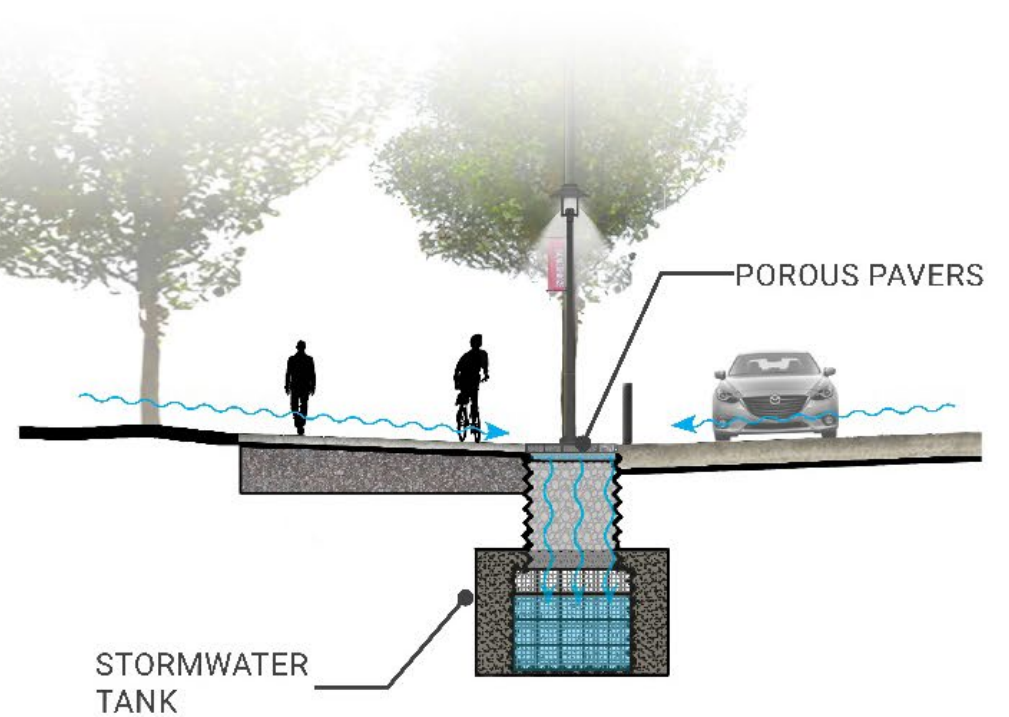
IMPROVED DRAINAGE

TYPICAL CURBED SECTION



204% INCREASE IN STORM WATER STORAGE IN SEGMENT A

TYPICAL CURBLESS SECTION



88% INCREASE IN STORM WATER STORAGE IN SEGMENT B

IMPROVED DRAINAGE

POROUS PAVING

- Modular paving
- Color: charcoal
- Allows infiltration



R TANK

- Modular storage tank
- Underground storage
- Allows for smaller storm pipes
- Net 40% cost savings



QUESTIONS?

IMPROVED SAFETY

- narrower street, slower traffic
- improved sidewalks, ADA ramps
- new pedestrian lighting
- improved bus stops
- enhanced shared use path
- gate arms at light rail crossing

IMPROVED IMAGE

- pedestrian friendly
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IMPROVED DRAINAGE

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