



GREENBRIAR RECONSTRUCTION



REBUILD HOUSTON

May 7, 2015



What is ReBuild Houston?

- Approved by voters in 2010
- Pay-as-you-go approach
- Greatest need areas first



ReBuild Houston goals

- Reduce flooding
- Improve mobility
- Quality of life



Greenbriar Reconstruction

Project parameters – Greenbriar Street,
from Rice to W. Holcombe Boulevards



Why here? Why now?

- Citywide prioritization of highest needs
- Project adopted in CIP
- Finalize scope prior to Final Design



Poor Pavement Conditions

May 7, 2015





Major Thoroughfare





Damaged Curbs and Gutters

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Sidewalk Conditions

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Community Feedback



Lane widths



Pedestrian safety



Preservation of trees and vegetation



Community character and value



The Plan



LANE WIDTHS

New pavement

Keep the lanes the same size or smaller



INTERSECTION IMPROVEMENTS

Add turn lanes

Improve access for Roberts Elementary



The Plan



PEDESTRIAN REALM

- New sidewalks
- Meander sidewalks to avoid trees
- Ramps to meet ADA requirements
- Collaborate with Roberts Elementary
- Add intersection enhancements



The Plan



PRESERVATION OF TREES AND VEGETATION

- Protect existing trees
- Arborist will be utilized during construction
- Maintain community aesthetics



The Plan



REPLACE SEWERS AND NECESSARY UTILITIES

- Replace storm sewers
- Replace water and wastewater lines





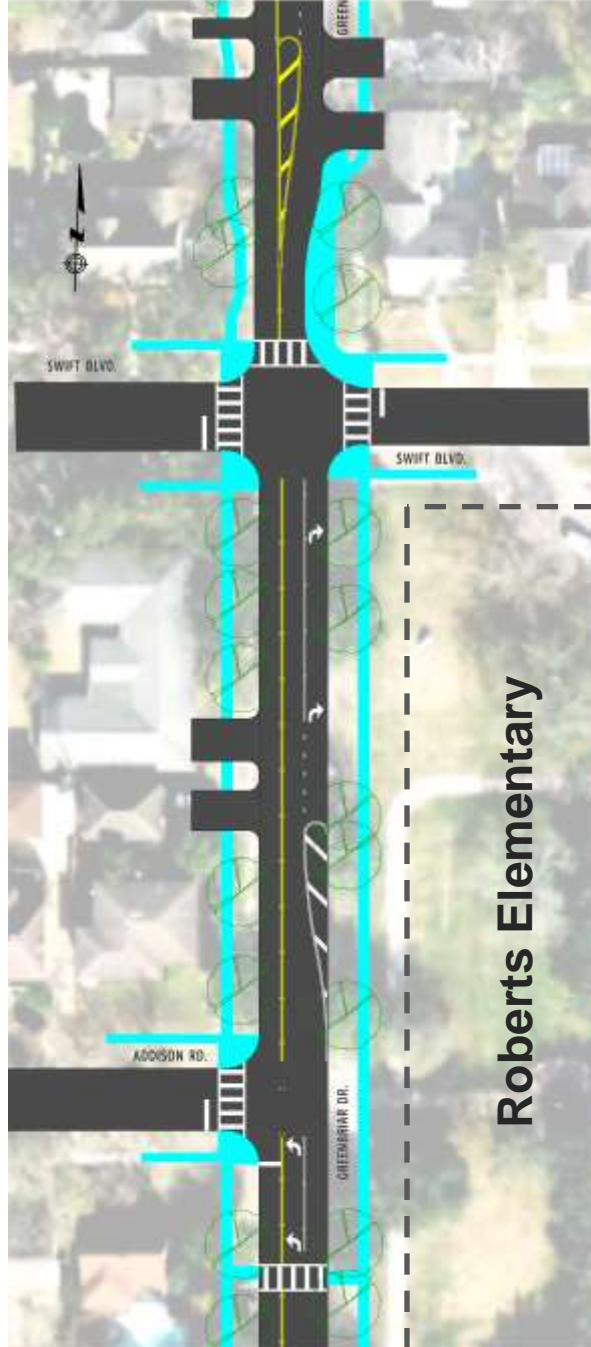
SEGMENT 1: Greenbriar between Goldsmith and W. Holcombe





SEGMENT 2: Greenbriar between Goldsmith and University






Preferred Solution Greenbriar and Swift

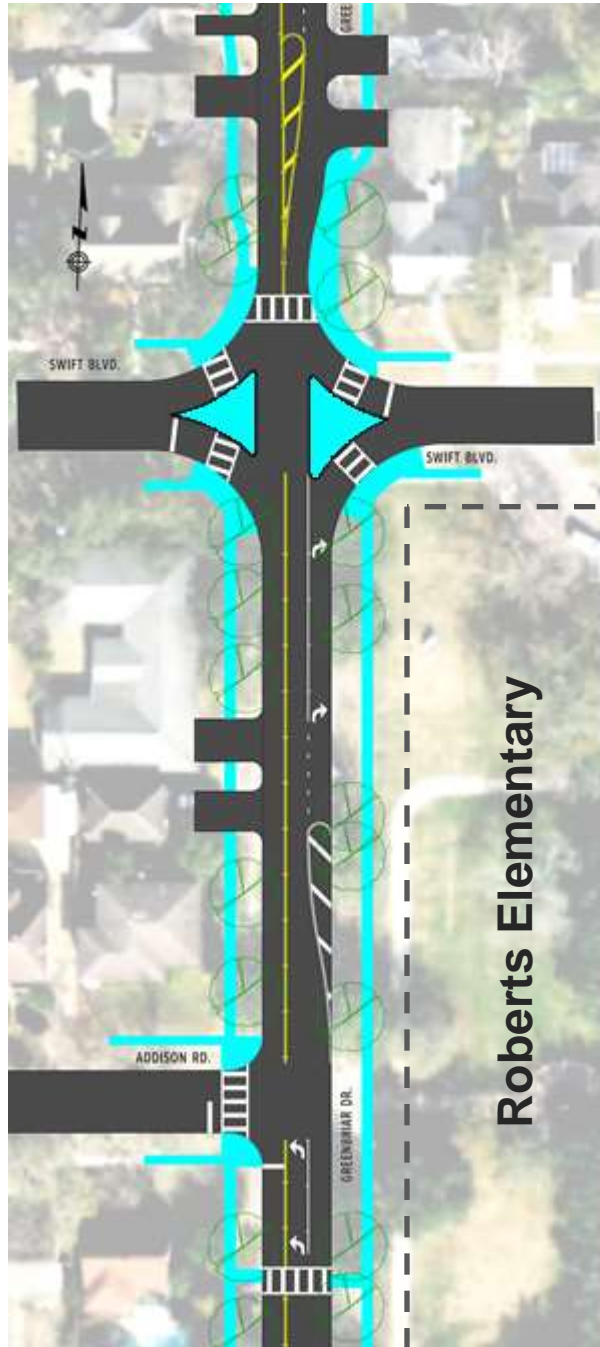
- No left turns at Swift from northbound and southbound lanes of Greenbriar
- Alternate routes at Addison and Dryden
- Better through traffic
- Safer pedestrian crossing – shorter walking distance, more sidewalk space



An aerial photograph of a road intersection. A road with a double yellow line runs vertically through the center. A road labeled 'SWIFT BLVD' crosses it horizontally from the left. A crosswalk with white stripes is visible at the intersection. In the background, there is a long, low building with a red door and a grassy area. Trees and bushes are scattered around the road.

SWIFT BLVD





Alternate Solution Greenbriar and Swift

- No left turns at Swift
- Medians force right turns only
- Alternate routes at Addison, Dryden, Morningside, Montclair
- Safer pedestrian crossing – “islands of refuge”
- Better through traffic





SEGMENT 3: Greenbriar between University and Rice



NEXT STEPS

2016
Design

2017
Construction

2018
Project Complete

Timeline subject to change

May 7, 2015





THANK YOU