

GARDEN OAKS AND SHEPHERD PARK EAST DESIGN UPDATE MEETING



**HOUSTON
PUBLIC WORKS**

**KENYA WILLIAMS
CAPITAL PROJECTS**



PLEASE HOLD ALL QUESTIONS

until the end of the presentation

that is when the Q&A session will begin

(Answers may be in the presentation)

PURPOSE

together we create a strong foundation
for Houston to thrive

SERVICE LINES



**CAPITAL
PROJECTS**



**CUSTOMER
ACCOUNT
SERVICES**



**HOUSTON
PERMITTING
CENTER**



**HOUSTON
WATER**



**TRANSPORTATION
AND DRAINAGE
OPERATIONS**



NGAN NGUYEN

**DIRECTOR OF CONSTITUENT SERVICES
DISTRICT C**





JUAN CHAVIRA

**ASSISTANT DIRECTOR
CAPITAL PROJECTS**



THE PROJECT TEAM

PARMJIT KANG
CATHERINE GOFORTH
PRAKASH LUETEL
IAN HLAVACEK

COSTAS GEORGHIOU
JERI JI

CITY OF HOUSTON
CITY OF HOUSTON
CITY OF HOUSTON
CITY OF HOUSTON

PGAL
PGAL



LET'S TALK ABOUT

what is this project

design updates

mobility features

next steps

GARDEN OAKS EAST

TYPE DRAINAGE

STATUS PHASE II DESIGN

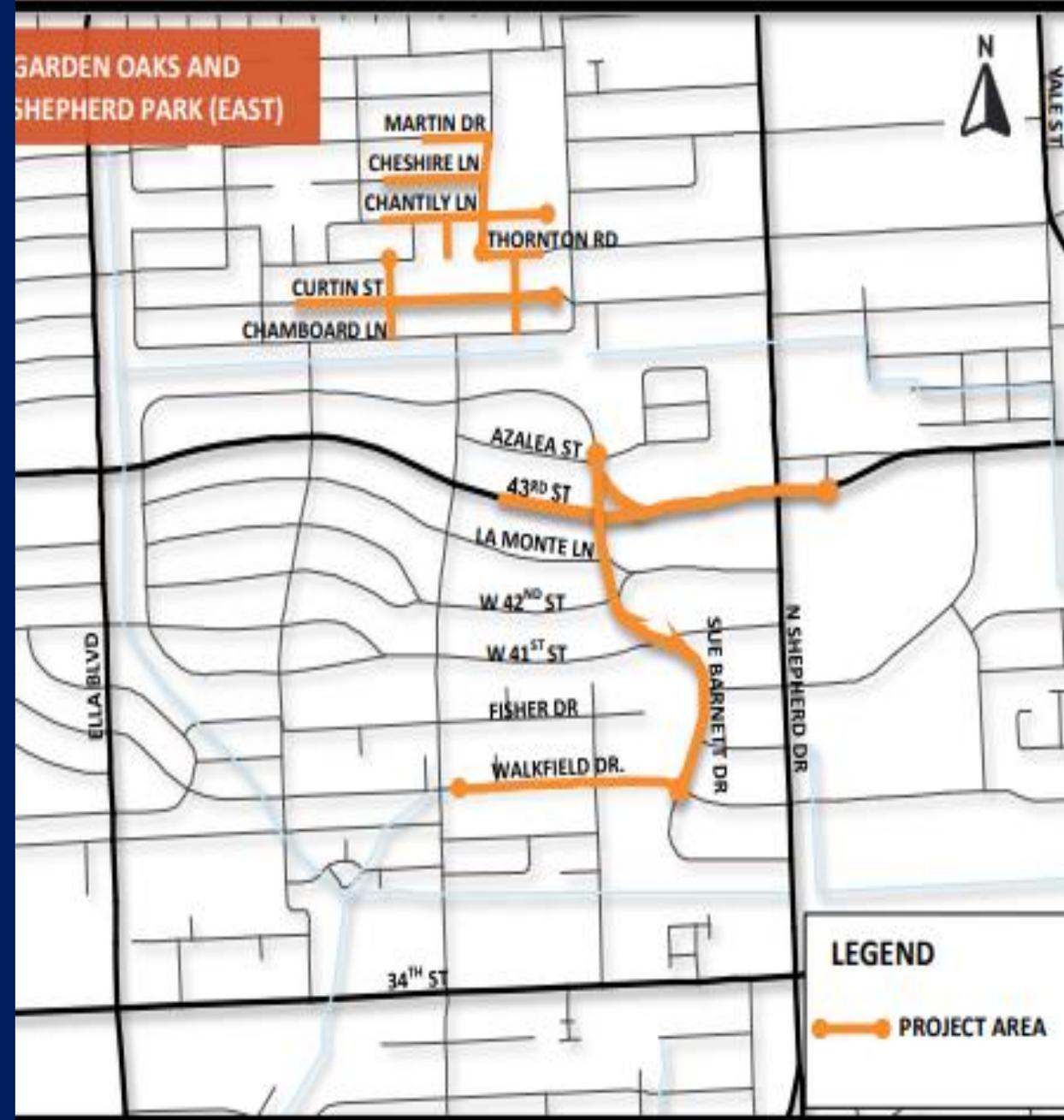
BUDGET 25 MILLION

CONTACT CATHERINE GOFORTH

CITY OF HOUSTON PROJECT MANAGER

832.395.2221

CATHERINE.GOFORTH@HOUSTONTX.GOV



Project Number: M-410022-0001-3

IMPROVEMENTS TO YOUR NEIGHBORHOOD

- **Storm drainage system improvements**
- **New street paving**
- **New sidewalks**
- **Shared Use Bike Path along W 43rd Street**
- **Safe Pedestrian Crossing of W 43rd Street at Sue Barnett Drive**
- **Roundabout at Sue Barnett Drive and W 41st Street**

PROJECT BY THE NUMBERS



14,911

LINEAR FT. OF STORM SEWER



24,920

LINEAR FT. OF NEW SIDEWALK



3.06

MILES OF NEW PAVEMENT

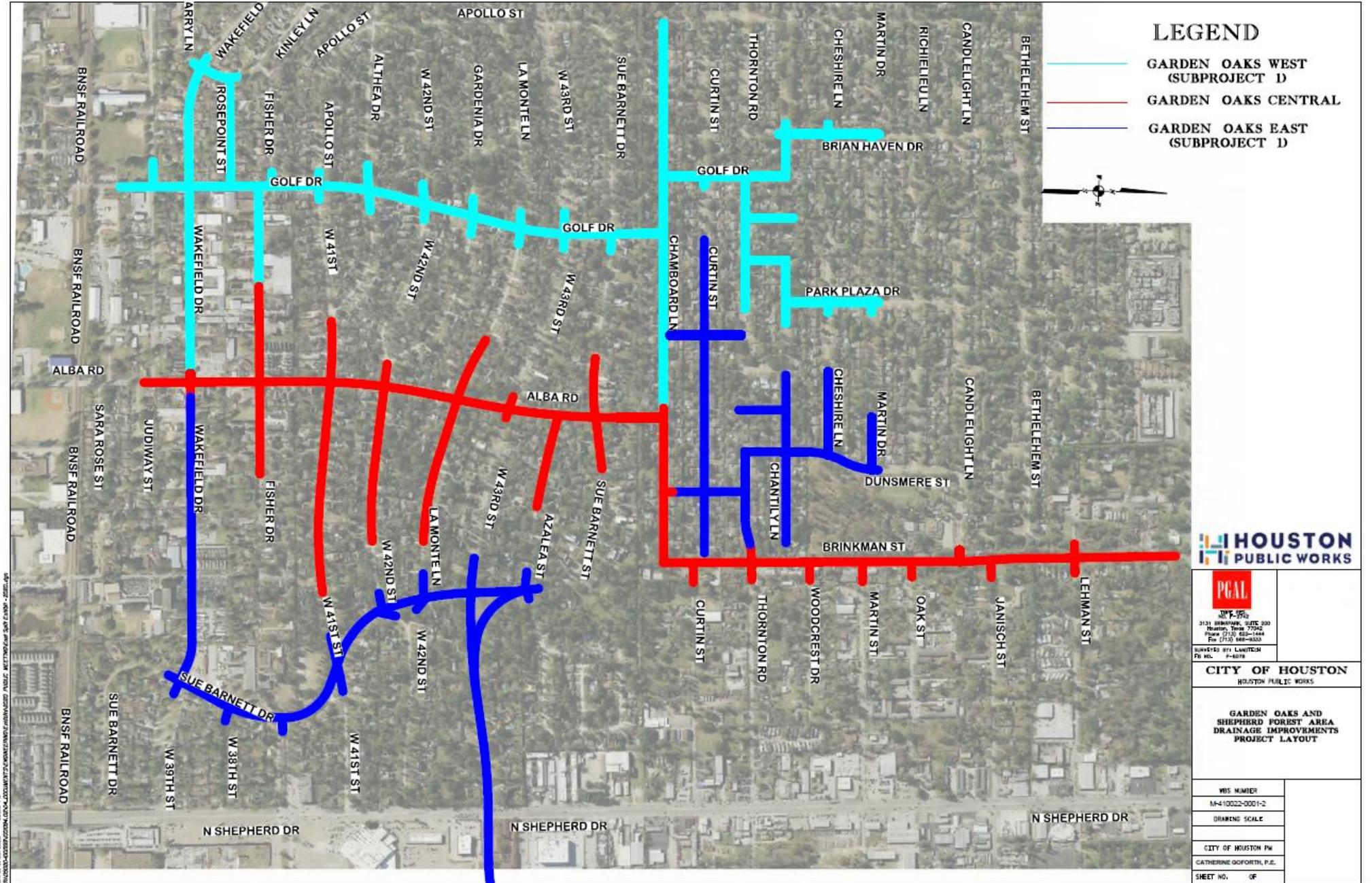


DESIGN UPDATES

**PRAKASH LUETEL
SUPERVISING ENGINEER**



ALL PROJECTS MAP

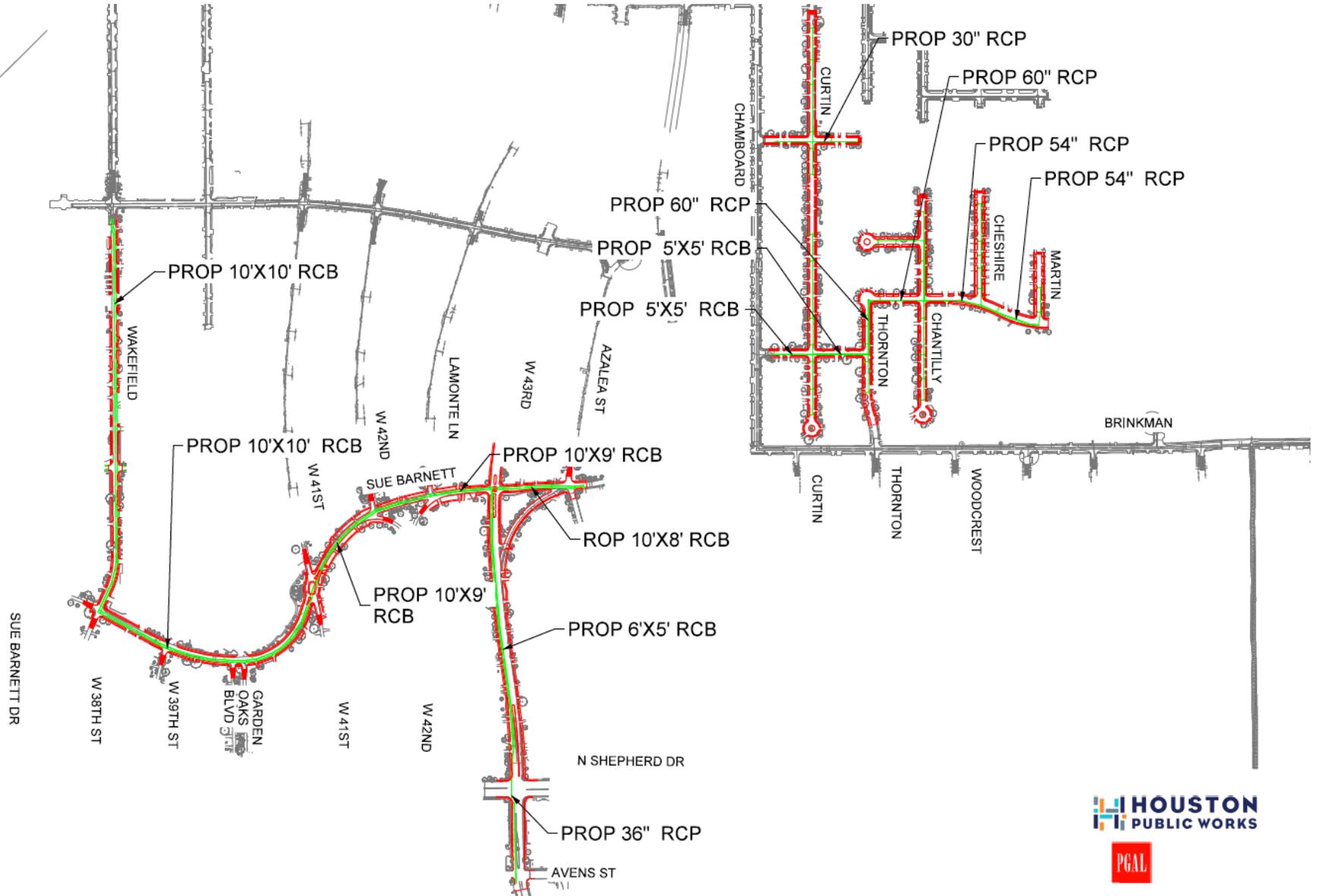


STORM DRAINAGE SYSTEM BENEFITS

- **Increased Level of Service**
 - Existing: Insufficient for 2-year storm event
 - New: Design for 100-year storm event
- **Designed to ATLAS 14 (latest rainfall data)**
- **Reduction in structural flooding**
- **Increased storm sewer sizes**

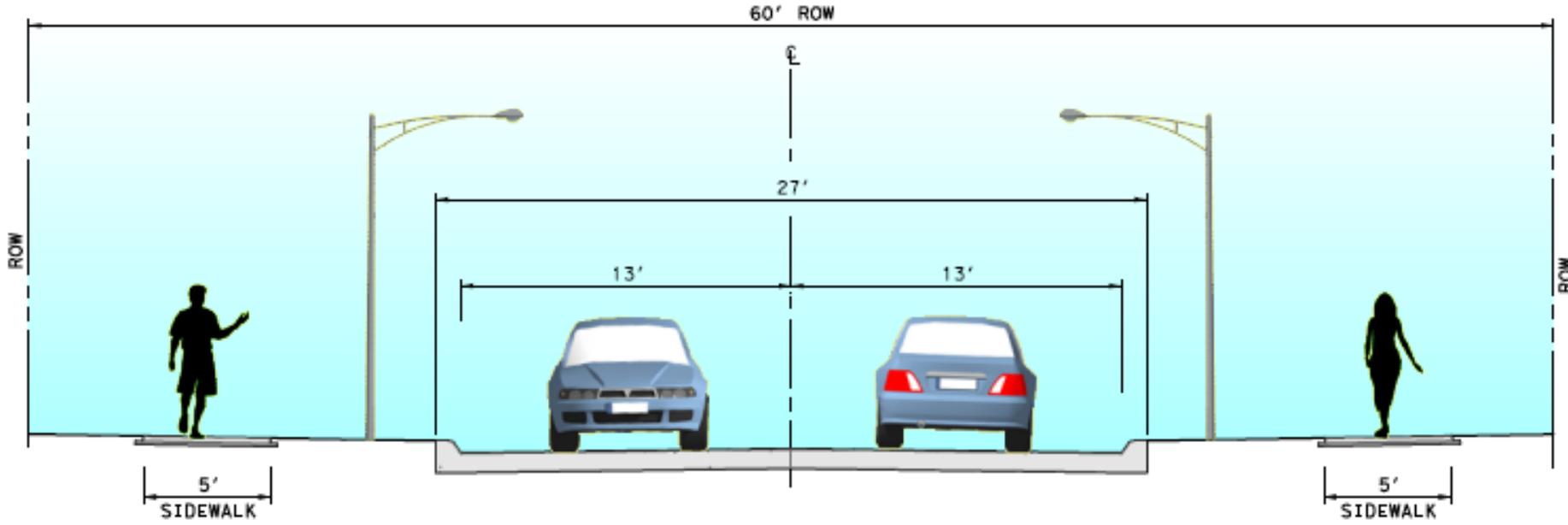
STORM DRAINAGE IMPROVEMENTS MAP

- Sue Barnett:
 - Existing roadside ditch and 48" RCP to 66" MRC
 - Proposed: 10'x8' to 10'x10' RCB
- Wakefield
 - Existing: 78" MRC to 84" MRC
 - Proposed: 10'x10' RCB
- W 43rd St
 - Existing: 30" RCP
 - Proposed: 6'x5' RCB
- Shepherd Park Trunk Line:
 - Existing: 18" to 30" RCP
 - Proposed: 54" RCP to 5'x5' RCB



NEW ROADWAY CROSS SECTION – TYPICAL

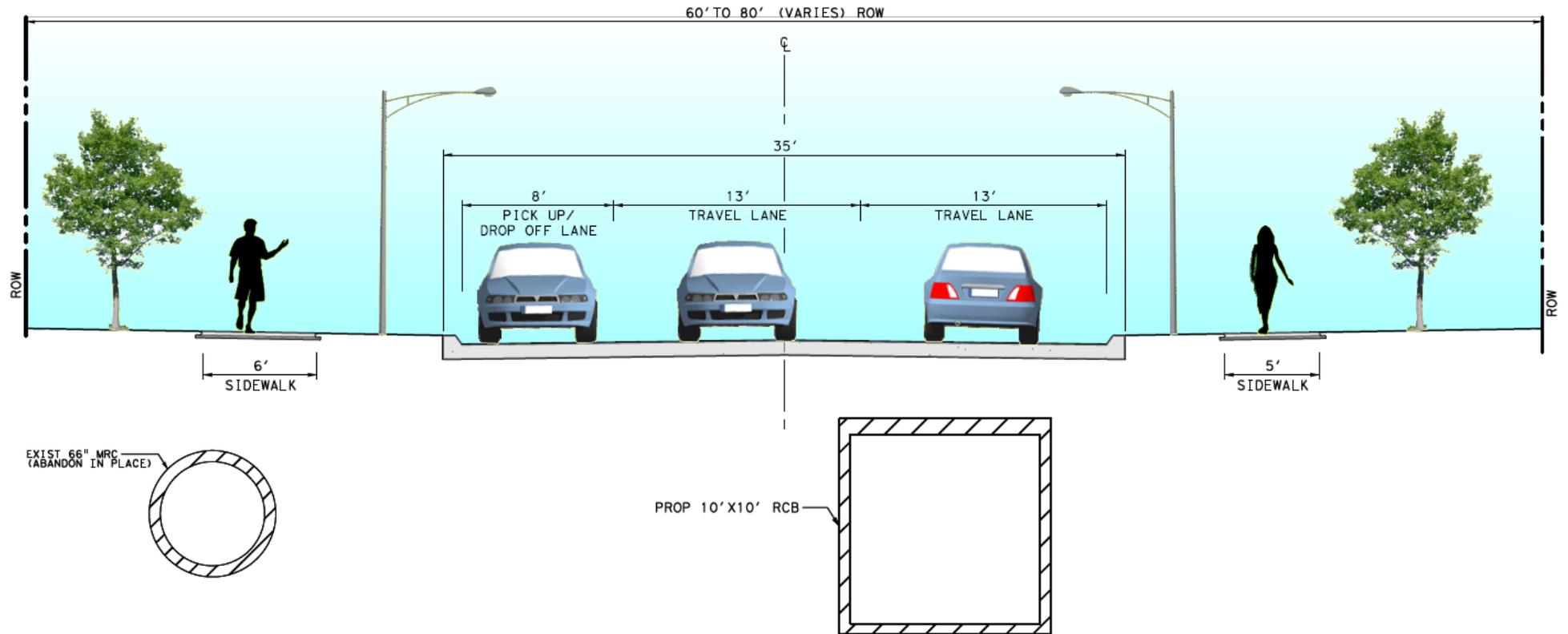
- 13-ft wide driving lanes
- New 5-ft sidewalks
- Increased pedestrian safety



PROPOSED SECTION AT SHEPHERD PARK NEIGHBORHOOD

NEW ROADWAY CROSS SECTION – SUE BARNETT DRIVE (SOUTH OF W 41ST)

- Increased safety for school drop off with 8-ft drop off lane
- 6-ft wide sidewalk on school side
- Increased pedestrian safety



PROPOSED SECTION AT SUE BARNETT SOUTH OF WEST 41ST



IMPROVED MOBILITY FEATURES

IAN HLAVACEK
MANAGING ENGINEER



SHARED BIKE PATH ALONG W 43RD STREET



- Connection to Houston Bike Plan
- Increased safety of W 43rd street residents
- Dedicated two way turn lane to access driveways
- Slowed speeds by reducing from 4 lanes to 3 lanes

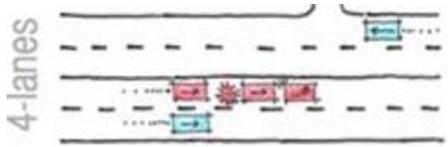
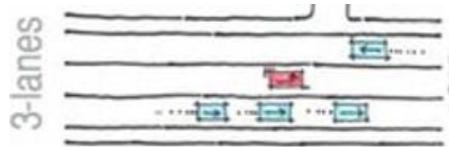
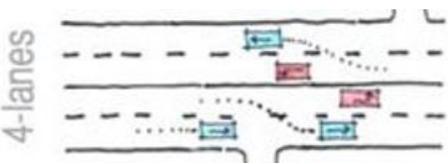
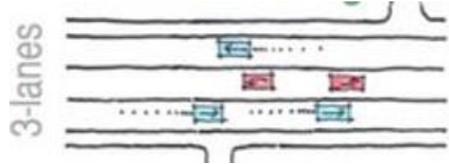
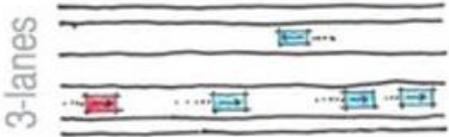
BENEFITS OF 3 LANES VERSUS 4 LANES

3 Lanes =

Less Speeding

No Weaving

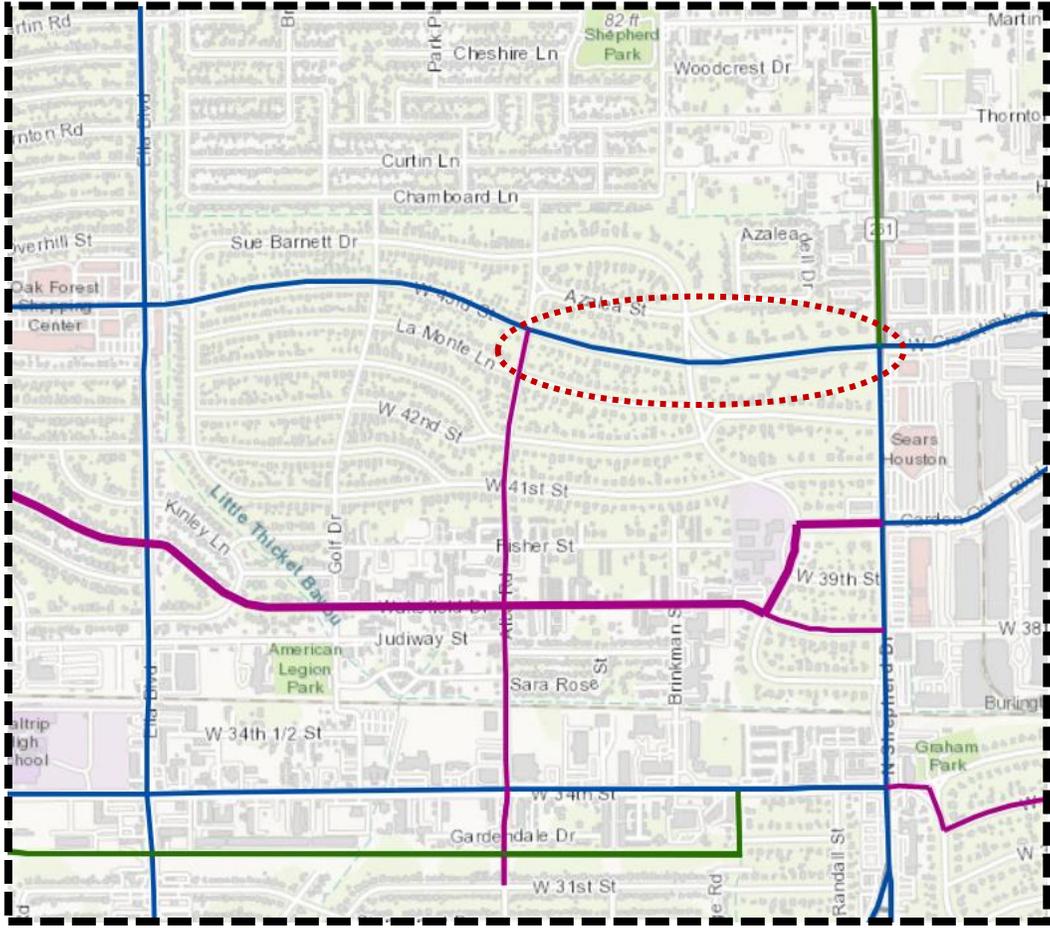
Out-of-Traffic
Queuing



HOUSTON BIKE PLAN

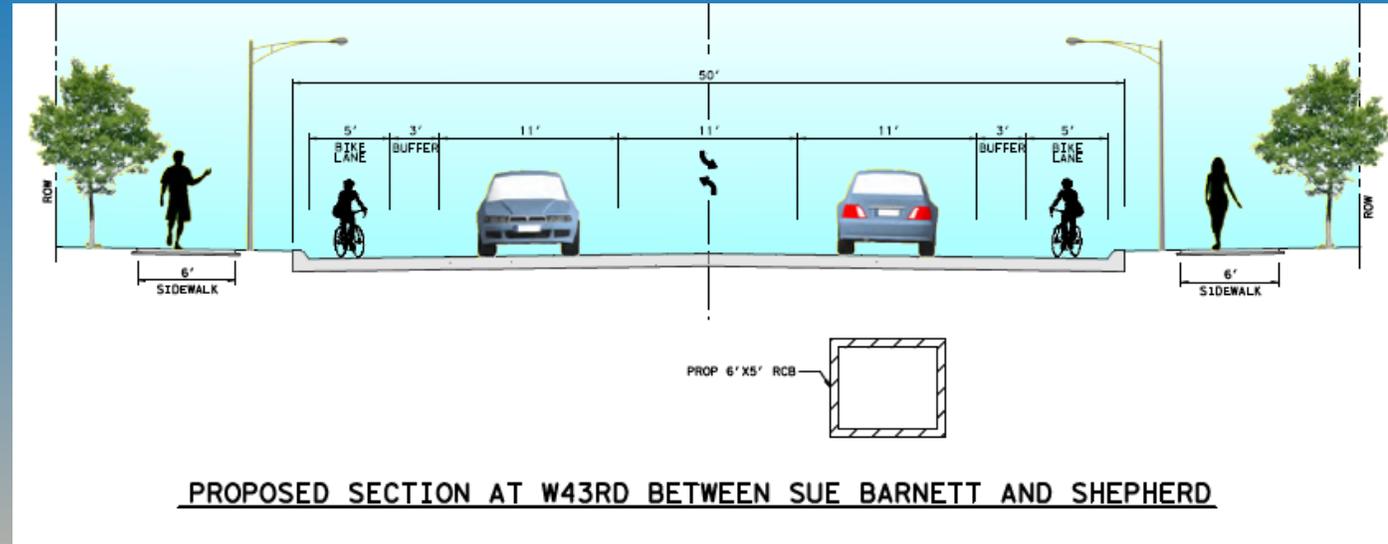
- Connected bikeways
- Dedicated in street bike path on W 43rd Street
- Safer for bikers

- Off-Street
- Dedicated In Street ROW
- Shared On-Street

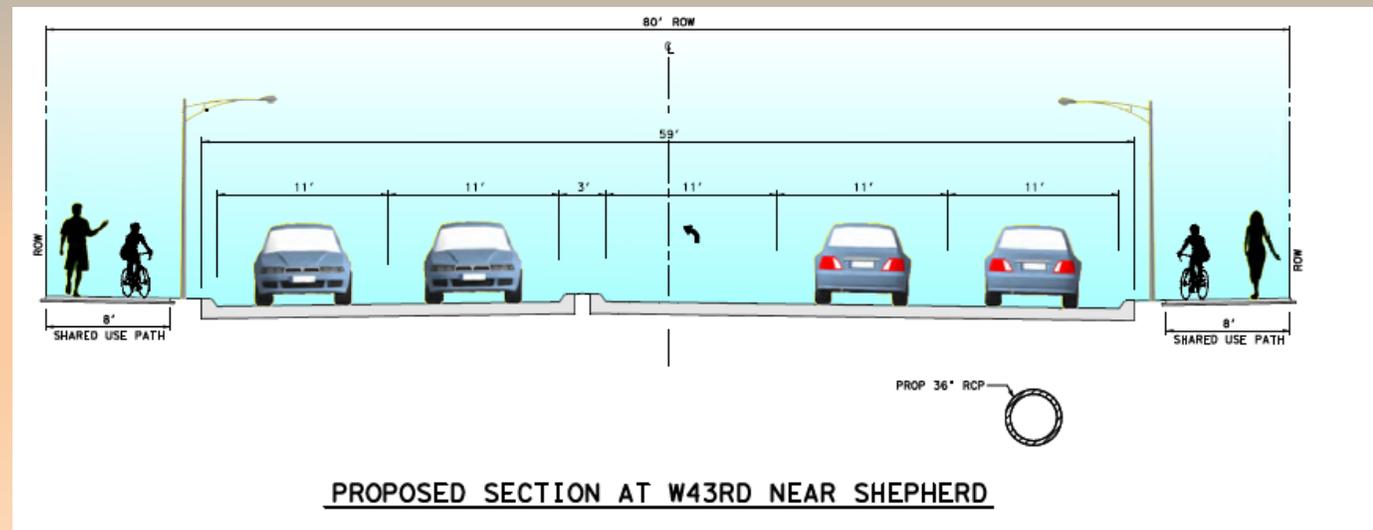


W 43RD STREET BIKEWAY

- Dedicated in street bike path on W 43rd Street
- Dedicated two way turn lane to access driveways

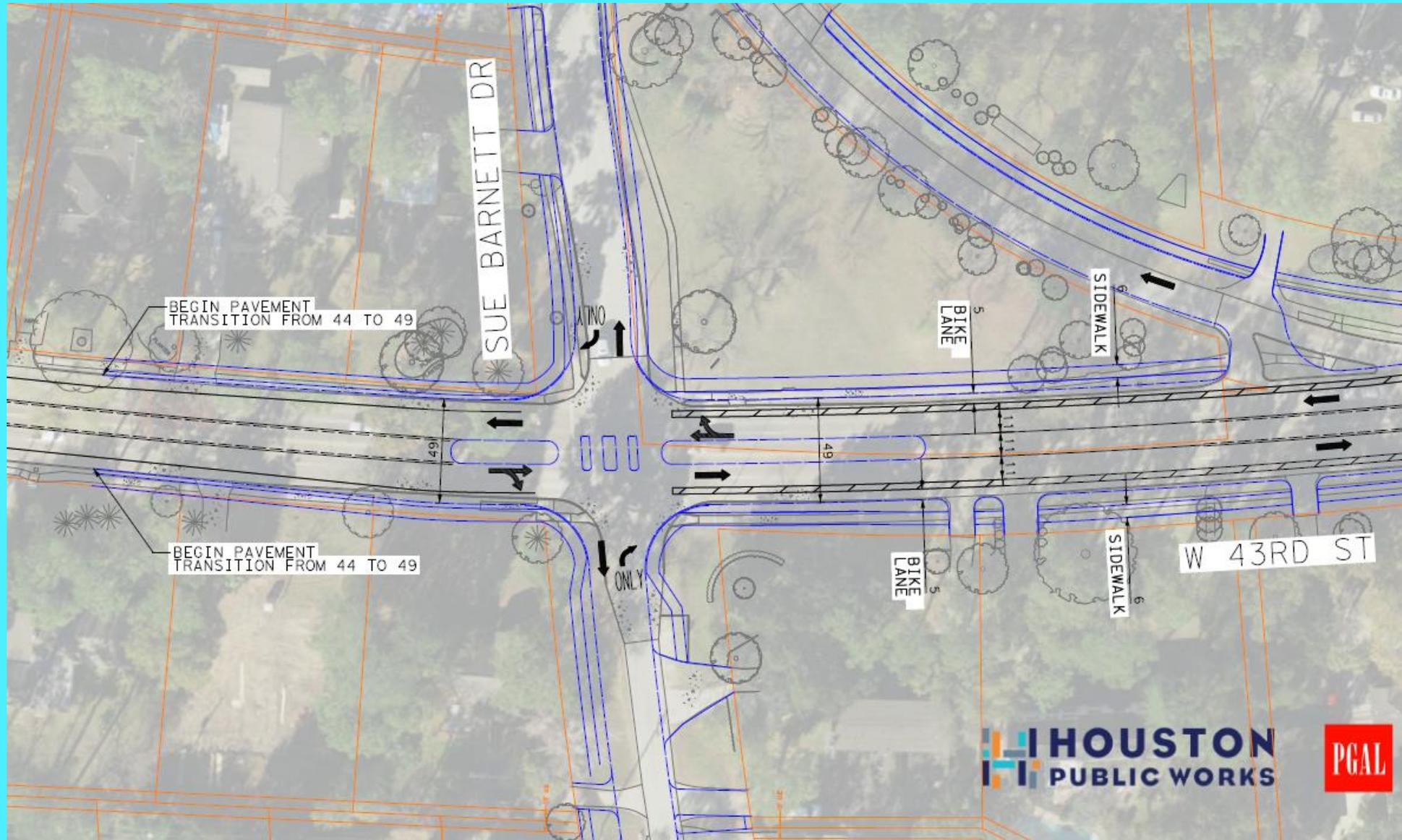


- Connection to the off-street bikeway at Shepherd Drive



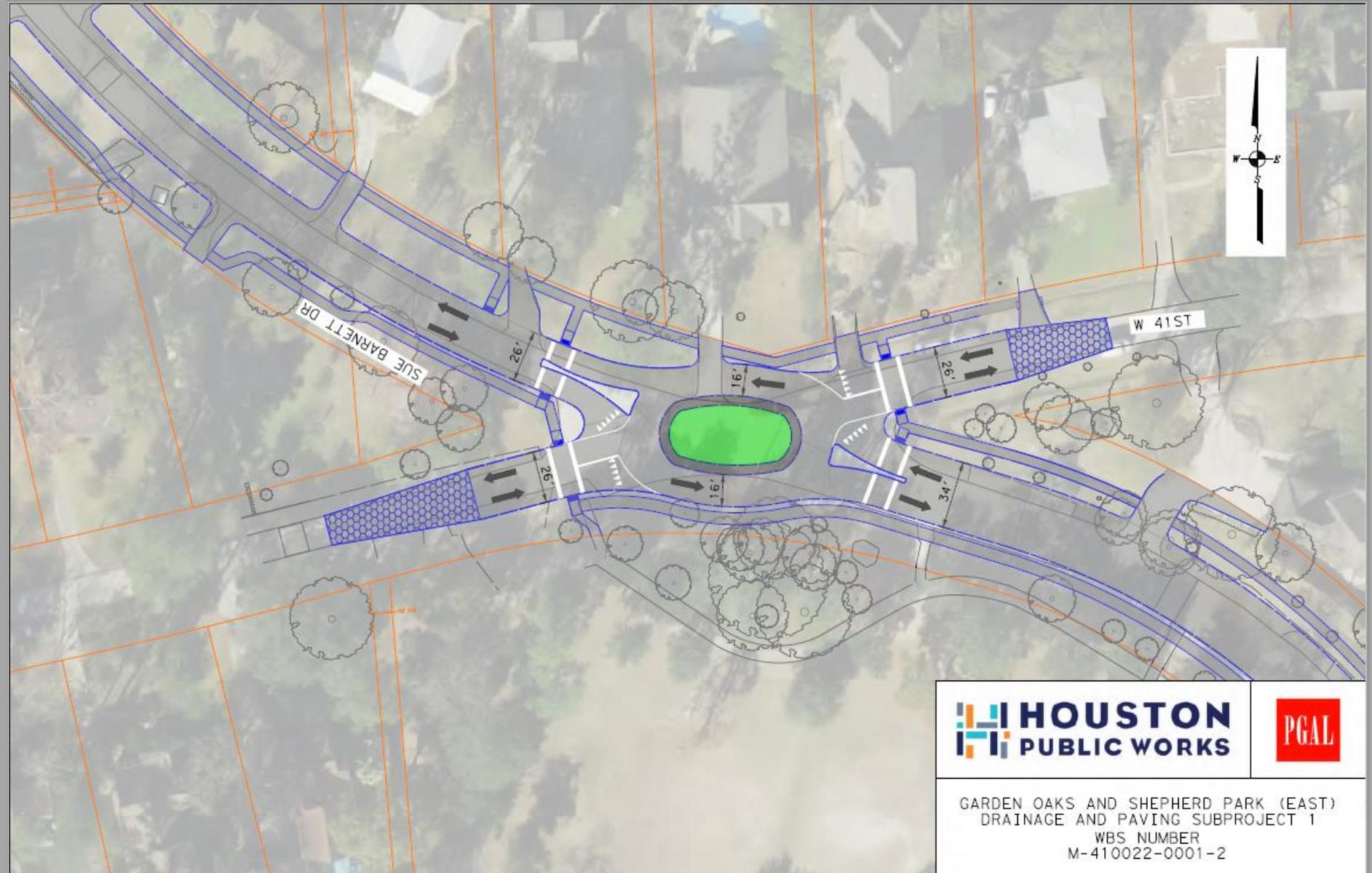
SAFE PEDESTRIAN CROSSING OF W 43RD STREET AT SUE BARNETT DRIVE

- Increased pedestrian safety at crossing
- Increase driving safety
- Alternative Left Turn Routes:
 - Alba Street (with signal)
 - Golf Street

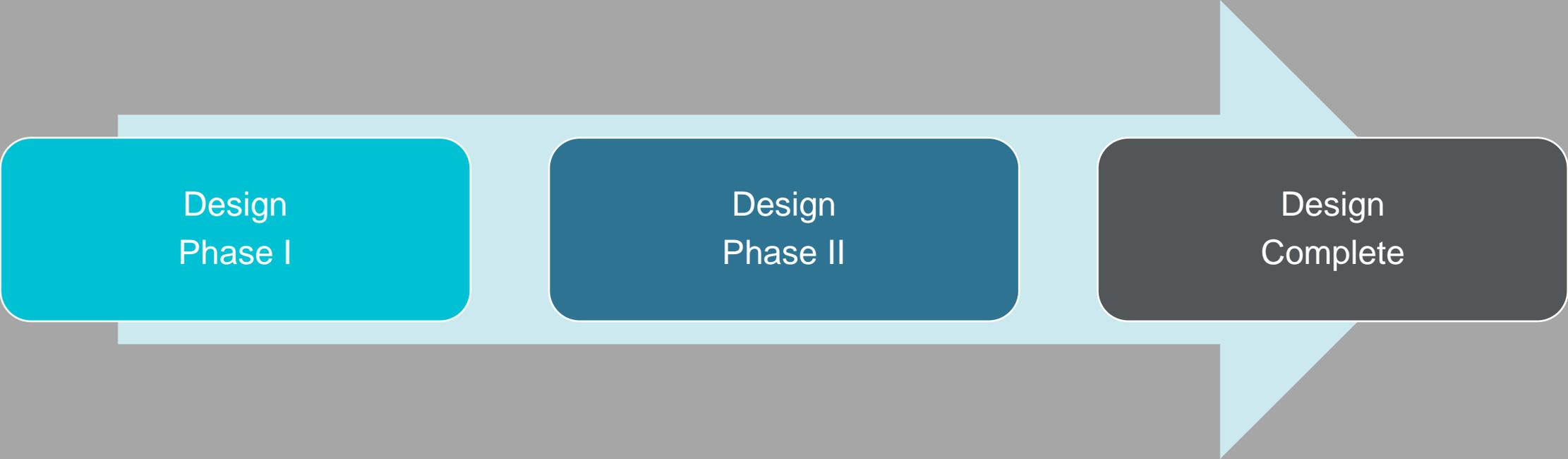


SUE BARNETT DRIVE & W 41ST STREET – ROUNDABOUT LAYOUT

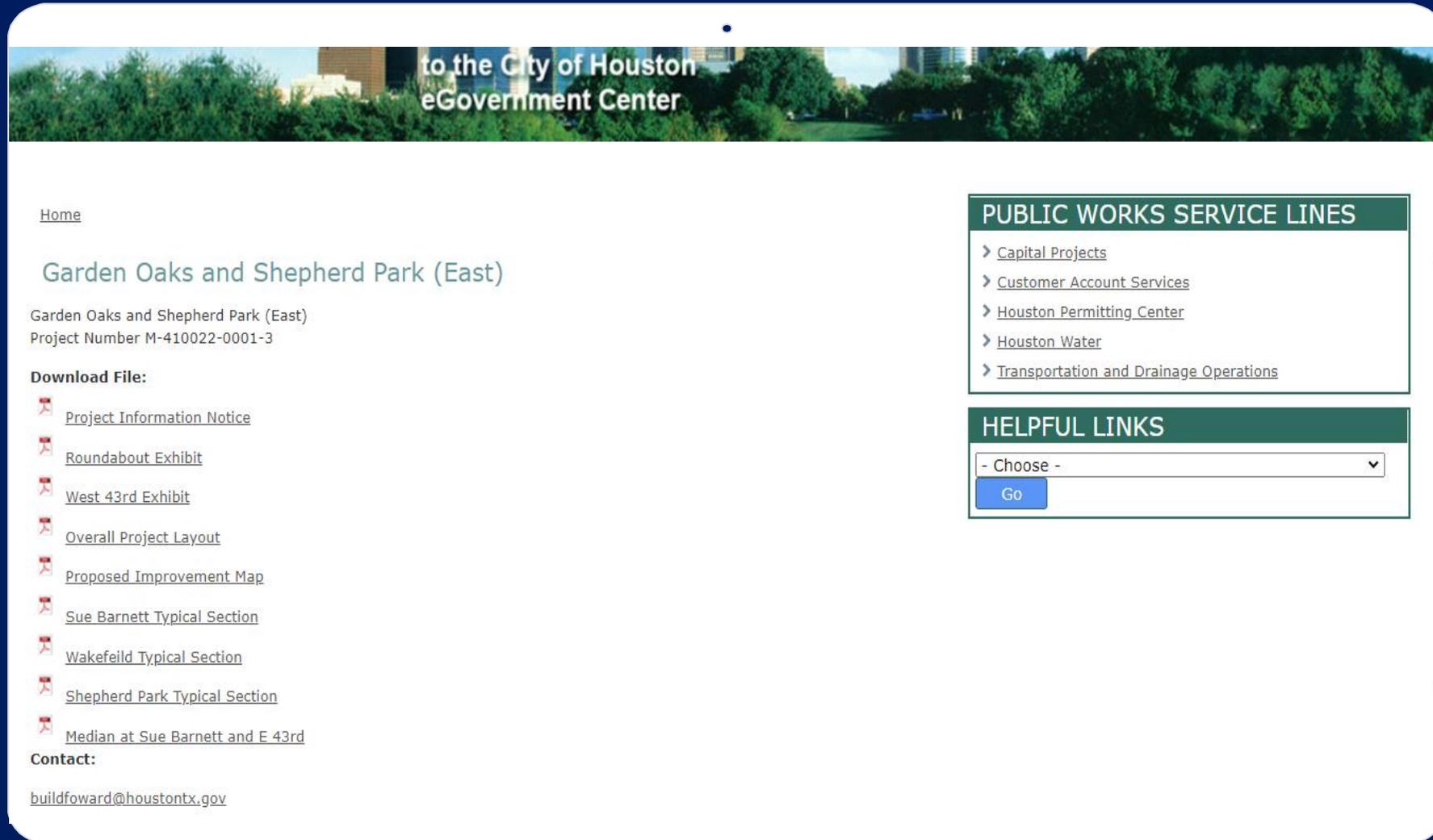
- Discourages high speeds
- Safer driving conditions
- Connected sidewalks
- Safer for pedestrians crossing intersection



NEXT STEPS



publicworks.houstontx.gov/engage



to the City of Houston
eGovernment Center

[Home](#)

Garden Oaks and Shepherd Park (East)

Garden Oaks and Shepherd Park (East)
Project Number M-410022-0001-3

Download File:

-  [Project Information Notice](#)
-  [Roundabout Exhibit](#)
-  [West 43rd Exhibit](#)
-  [Overall Project Layout](#)
-  [Proposed Improvement Map](#)
-  [Sue Barnett Typical Section](#)
-  [Wakefeild Typical Section](#)
-  [Shepherd Park Typical Section](#)
-  [Median at Sue Barnett and E 43rd](#)

Contact:
buildforward@houstontx.gov

PUBLIC WORKS SERVICE LINES

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- > [Transportation and Drainage Operations](#)

HELPFUL LINKS

- Choose -

Go

WHO TO CONTACT



Questions? call 3.1.1 (713.837.0311)

visit houstontx.gov/311 (provide project #)



Send concerns or comments to
buildforward@houstontx.gov

THANK YOU!



QUESTIONS & ANSWERS

- ✓ Select **Q&A** on the right side of the screen.
- ✓ Type your question in the compose box and then select **Send**. If you want to ask your question anonymously, select **Ask anonymously**.