



# Residential Street Rebuild Program (RSRP) Test Projects - Ralston Avenue & Rogerson Drive



Council Presentation  
July 25, 2017



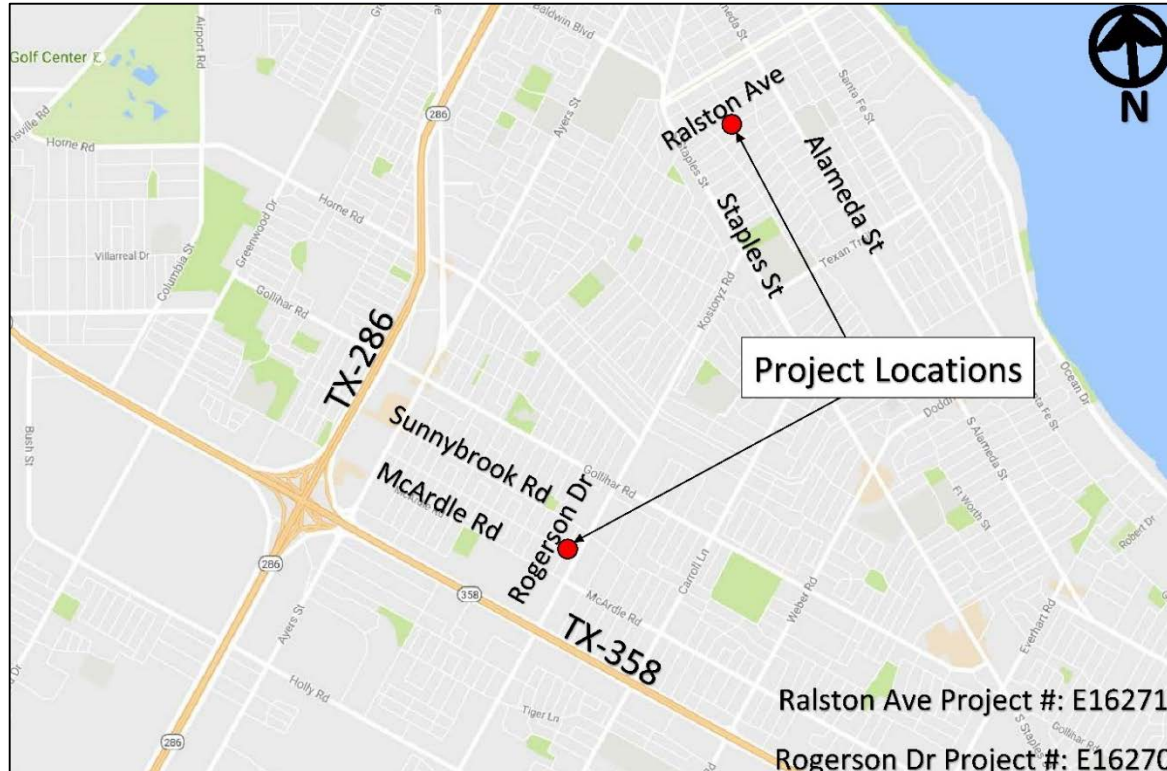
# Background



- **Aug 2016** –Approved Resolution to Perform Test Projects
- **Dec 2016** – Awarded Design Contracts
  - ✓ Appropriated \$ 2.5M - Fund 1042 (Residential Reconstruction) Fund Balance
  - ✓ Ralston Avenue – Urban Engineering (\$88,420)
  - ✓ Rogerson Drive – Freese & Nichols, Inc. (\$97,764)
  - ✓ Motion of Direction - Bid Projects Both Concrete & Asphalt
- **Mar 2017** – Bid Projects
- **Jun 2017** – Held Public Meetings
  - ✓ Rogerson – 12 Attendees
  - ✓ Ralston – 33 Attendees



# Project Locations





# Work Products



- **Up-to-date costs for residential street reconstruction**
  - ✓ Previously using 2008 costs (\$125 / SY)
  - ✓ Current bid costs
    - HMAC - \$ 119 / SY
    - Concrete - \$ 136 / SY
  
- **Design & execution protocols for residential streets**
  - ✓ Design considerations
    - Tied sidewalks
  - ✓ Construction execution
    - Tree removal
    - Block by block sequencing
    - Parking
  - ✓ New or revised communications tools
    - Door hanger notifications
    - New Project signs
    - Web page



# Highlighted Points



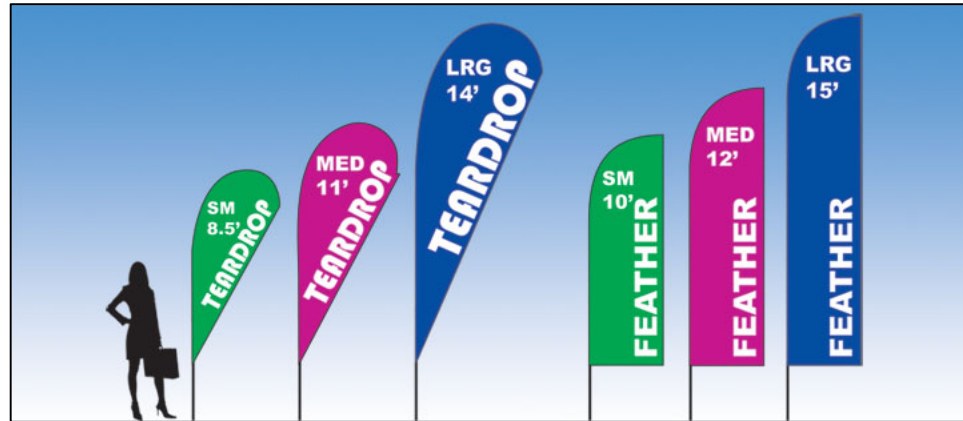
- **New Vendor participation**
- **More Bid Proposals**
  - ✓ Ralston
    - Concrete – 2 Bids
    - HMAC – 5 Bids
  - ✓ Rogerson
    - Concrete – 3 Bids
    - HMAC – 6 Bids
- **Bids came in below estimates**
  - ✓ Original Project estimate - \$3.8 M
  - ✓ Current Project estimate - \$3.0 M



# Program Communications Branding



- In residential neighborhoods
- Set at Project limits
- Present during construction





# Timelines



2016				2017												2018								
Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>TEST PROJECT</b>																								
Prelim Dsg	Design						Bid			Construction														
<b>REBUILD PROGRAM</b>																								
RFQ - Design Firms		AE Award		WP Dev.			Design				Bid				Construction									

TODAY





# Rogerson Drive McArdle Road to Sunnybrook Road Residential Street Rebuild Program Test Project

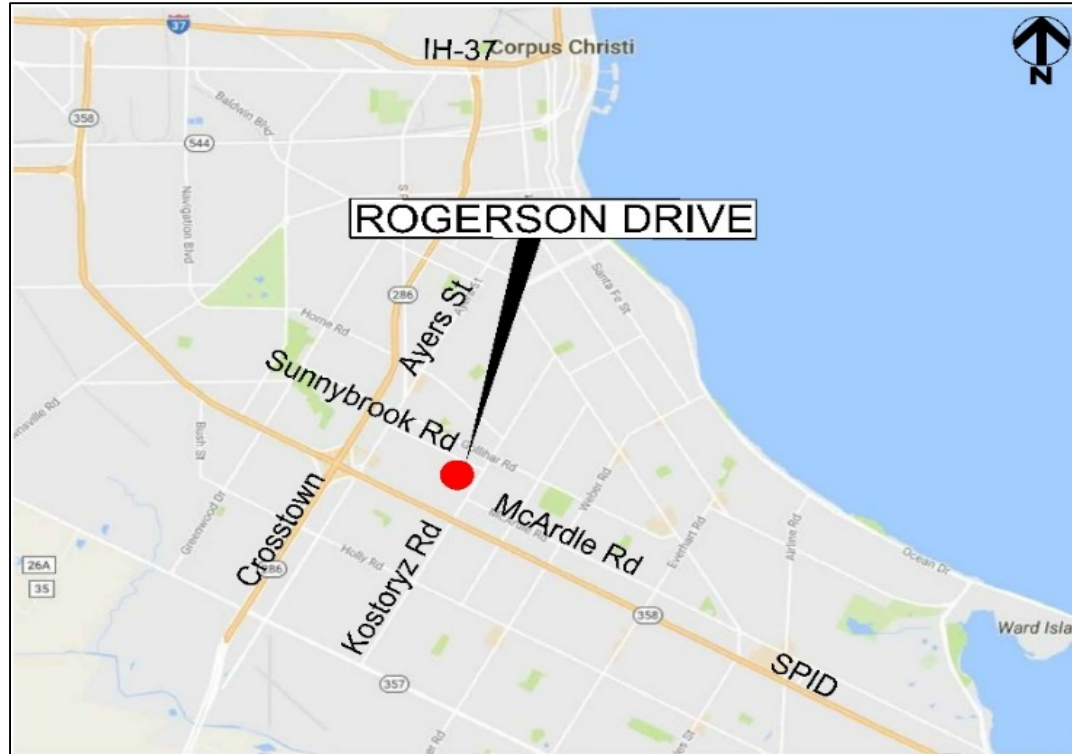


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# Project Location





# Project Vicinity





# Project Scope



## ➤ Rogerson Drive:

- ✓ Full-depth reconstruction of the street
  - Portland Cement Concrete (PCC) pavement
- ✓ 5-foot tied sidewalks on both sides
- ✓ ADA- compliant ramps
- ✓ Replacement of concrete driveway aprons
- ✓ New curb & gutter - full length on both sides
- ✓ Utilities improvements –
  - New inlets
  - Minor storm water adjustments



# Project Schedule



2017						
June	July	August	September	October	November	December
Bid / Award			Construction			

**Construction Estimate: 120 days**



# Ralston Avenue Staples Street to Alameda Street Residential Street Rebuild Program Test Project



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# Project Location



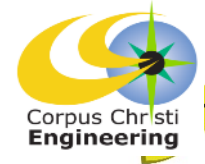


# Project Vicinity





# Project Scope



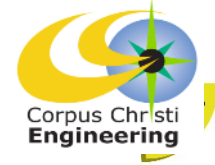
## ➤ Ralston Avenue:

- ✓ Full-depth reconstruction of the street
  - Hot-Mix-Asphalt-Concrete (HMAC) pavement
- ✓ 5-foot tied sidewalks on both sides
- ✓ ADA- compliant ramps
- ✓ Replacement of concrete driveway aprons
- ✓ New curb & gutter - full length on both sides
- ✓ Utilities improvements –
  - New inlets & minor storm water adjustments
  - new fire hydrants and
  - minor water adjustments





# Project Schedule



2017							2018	
June	July	August	September	October	November	December	January	February
Bid / Award			Construction					

**Construction Estimate: 180 working days**