



Residential Street Rebuild Program (RSRP) Bond 2016 Rebuild Project Work Plan



Council Presentation
October 31, 2017



Bond 2016 - \$11.0M Residential Street Rebuild Project Presented to Council on February 28, 2017



Bond Ordinance language: "...for the purpose of making permanent public improvements or for other public purposes, to wit: **designing**, constructing, renovating, improving, constructing (sic), reconstructing, restructuring and extending streets and thoroughfares and related land and right-of-way (including pedestrian and bike traffic lanes), sidewalks, streetscapes, collectors, **drainage**, landscape, signage, lighting, traffic signals (including networking hardware and software), acquiring lands and rights-of-way necessary thereto or incidental therewith (but **specifically excluding related City utility costs**, which are the responsibility of the City's utility system),..."

| | |
|--|----------------|
| Bond 2016 Project | \$ 11,000,000 |
| Design, Mgmnt, Inspection, Administration, etc. (20%) | (\$ 2,200,000) |
| Construction | \$ 8,800,000 |



Apportion Funds By District

Presented to Council on February 28, 2017



| | Square Yards | | | | | | |
|--------------|-------------------|--------------------|--|------------------------|-----------------|-----------------|--------------------|
| District | Total Network | Residential/ Local | Res./Local PCI ≤ 55 "Current Need" | "Need" in Linear Miles | % of Total Need | SYs Worked† | Funding |
| 1 | 5,191,722 | 2,803,734 | 1,471,697 | 105 | 23% | 25,858 | \$2,068,639 |
| 2 | 3,675,618 | 2,279,918 | 1,481,895 | 105 | 24% | 26,037 | \$2,082,973 |
| 3 | 3,262,808 | 2,009,174 | 1,099,588 | 78 | 18% | 19,320 | \$1,545,596 |
| 4 | 4,528,093 | 2,761,683 | 1,273,109 | 90 | 20% | 22,369 | \$1,789,500 |
| 5 | 3,696,021 | 2,308,838 | 934,318 | 66 | 15% | 16,416 | \$1,313,291 |
| Total | 20,354,262 | 12,163,348 | 6,260,607 | 445 | 100% | 110,000* | \$8,800,000 |

†Based on \$80 / SY.

*Approximately 7.82 linear miles.

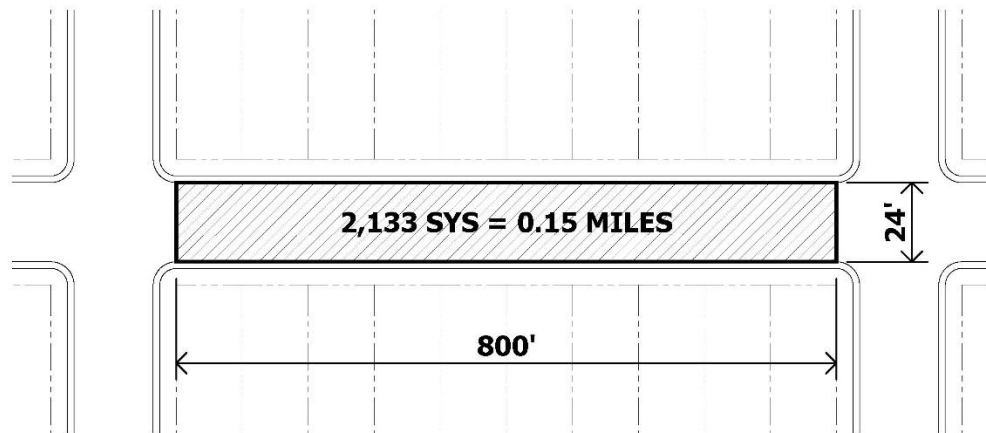


Representation of Work Quantity

Presented to Council on February 28, 2017



TYPICAL RESIDENTIAL STREET BLOCK SECTION



PAVEMENT QUANTITY

$(800 \times 24) \div 9 = \text{SQUARE YARDS (SYS)}$
2,133 = SYS
2,133 = 0.15 MILES

TYPICAL RESIDENTIAL BLOCK ≈ 0.15 MILES

110,000 SYS ≈ 7.82 MILES
 ≈ 52 TYPICAL RESIDENTIAL BLOCKS



Street Selection Steps

Presented to Council on February 28, 2017



➤ Mar. 21, 2017 – RSRP Guiding Principles approved (Resolution 031088)

Staff

- Select First on PCI score
- Identify Streets Removed From SPMP
- Distribute Based on District Need

A/E

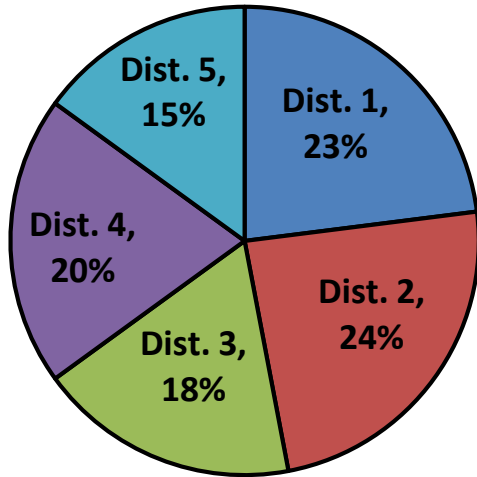
- Perform Extensive Field Work
- Apply *Prioritization Criteria*
- Coordinate with Utilities
- Score Candidate Streets against *Matrix*
- Produce Final List for 2018 Work Plan



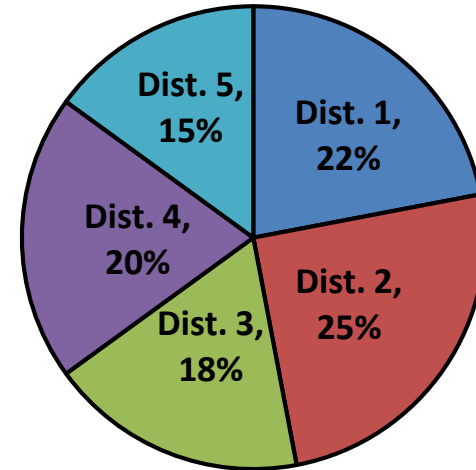
Residential Street Rebuild Program (RSRP) Work Plan Distribution



Target (% of Need)

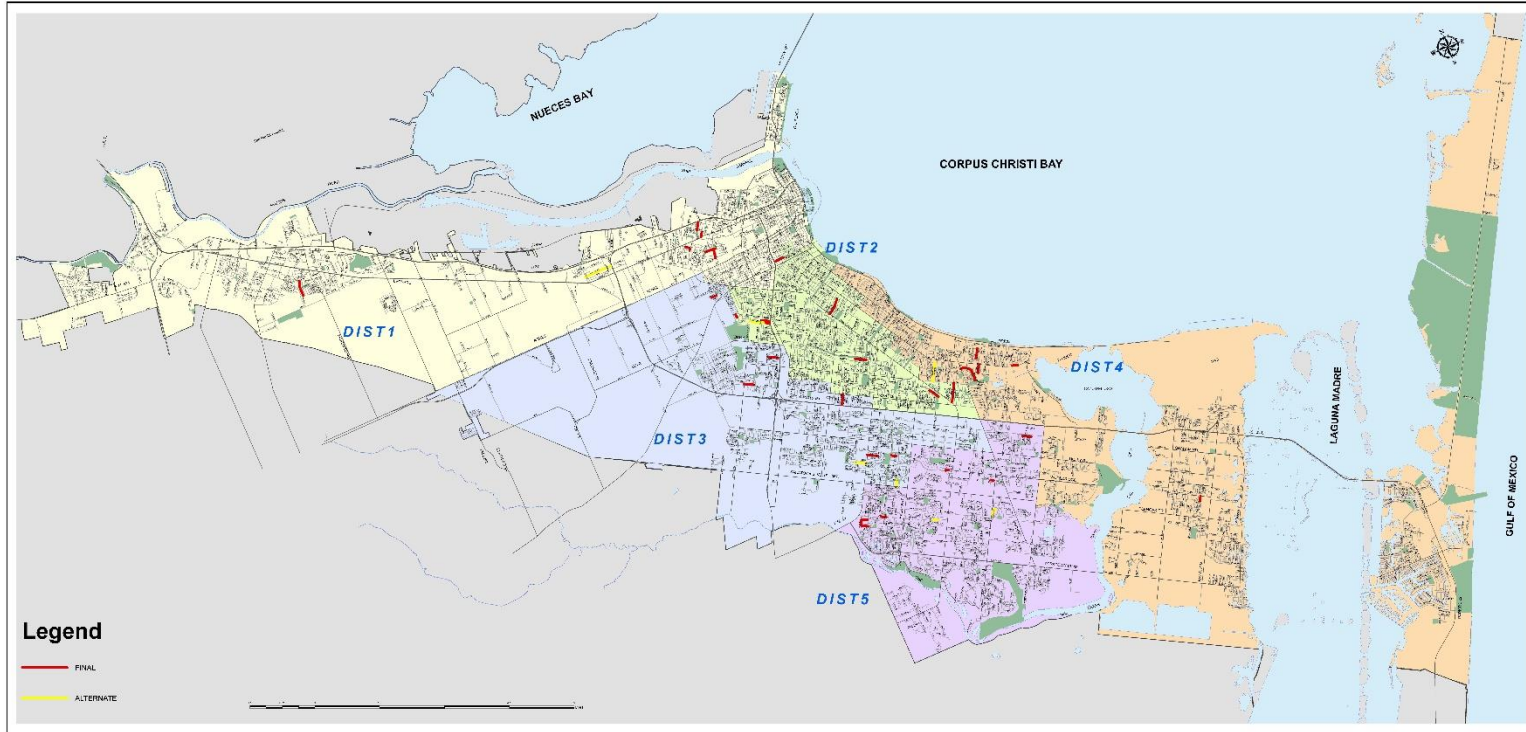


Work Plan



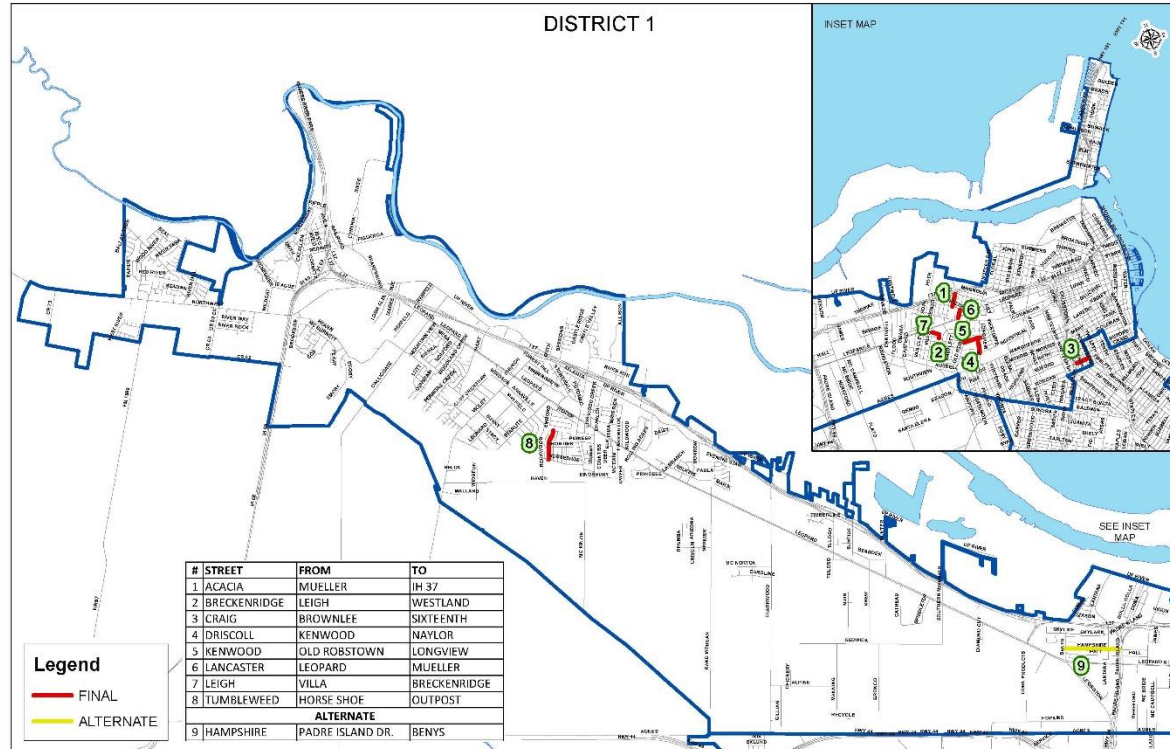


Residential Street Rebuild Program (RSRP) Work Plan - City Wide



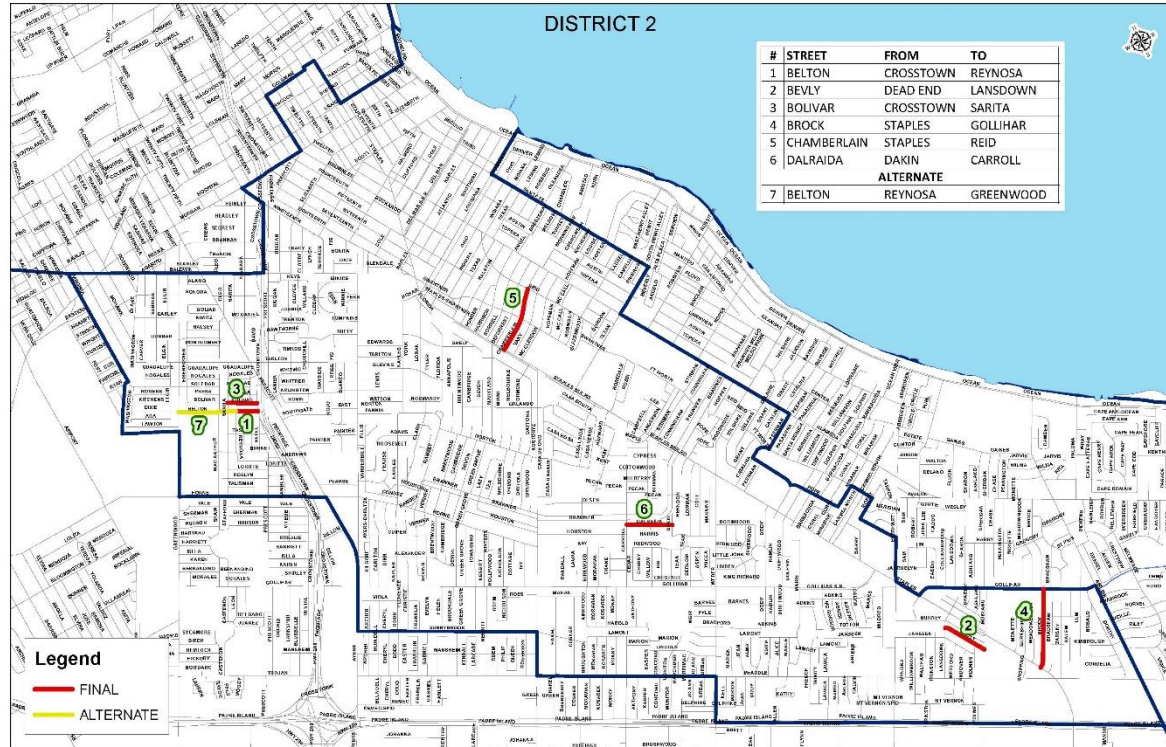


Residential Street Rebuild Program (RSRP) Work Plan – District 1



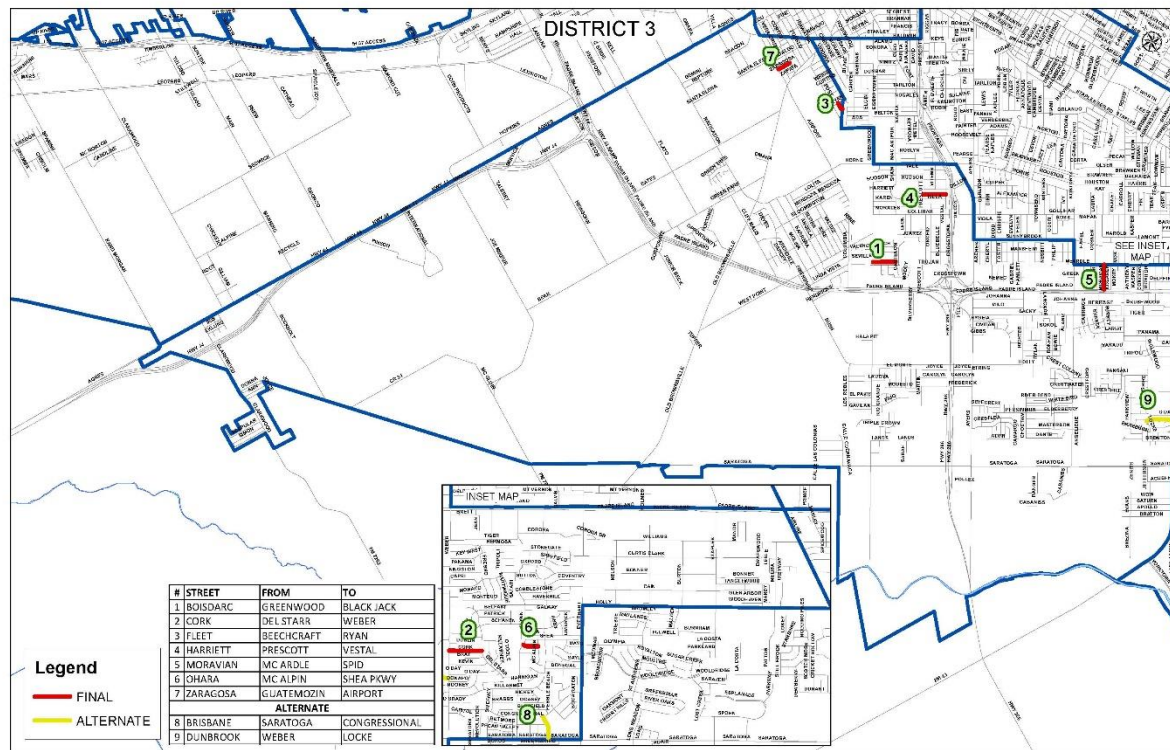


Residential Street Rebuild Program (RSRP) Work Plan – District 2



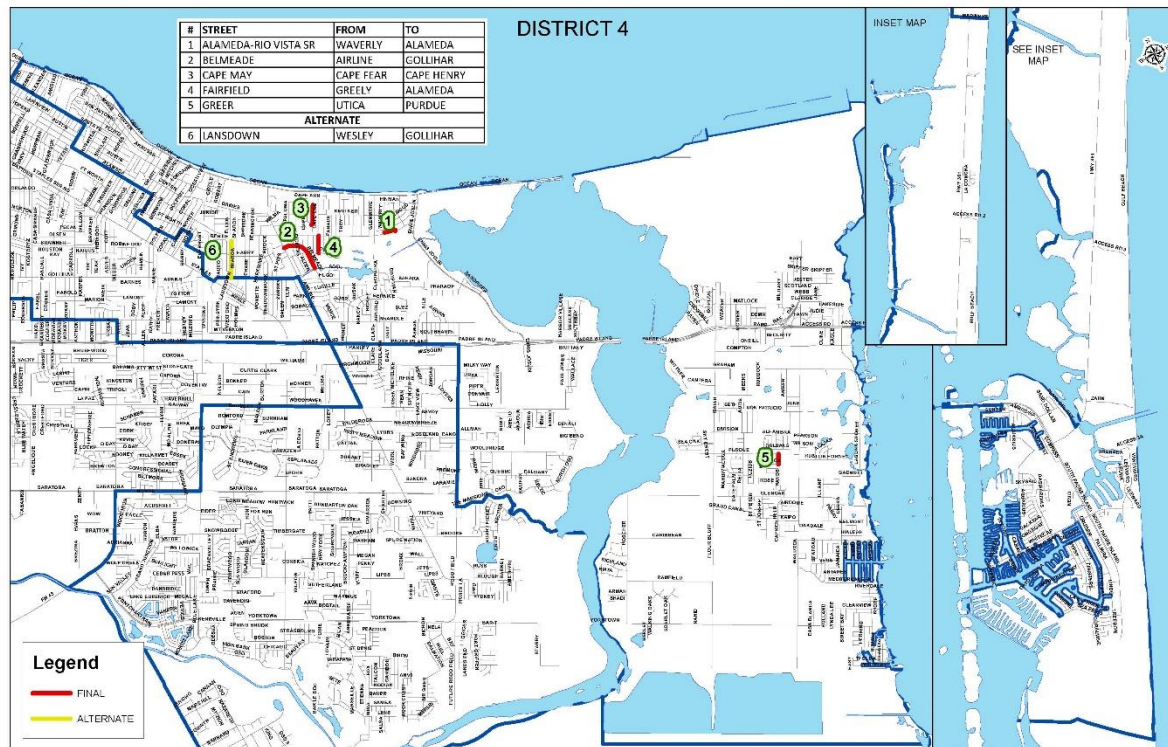


Residential Street Rebuild Program (RSRP) Work Plan – District 3



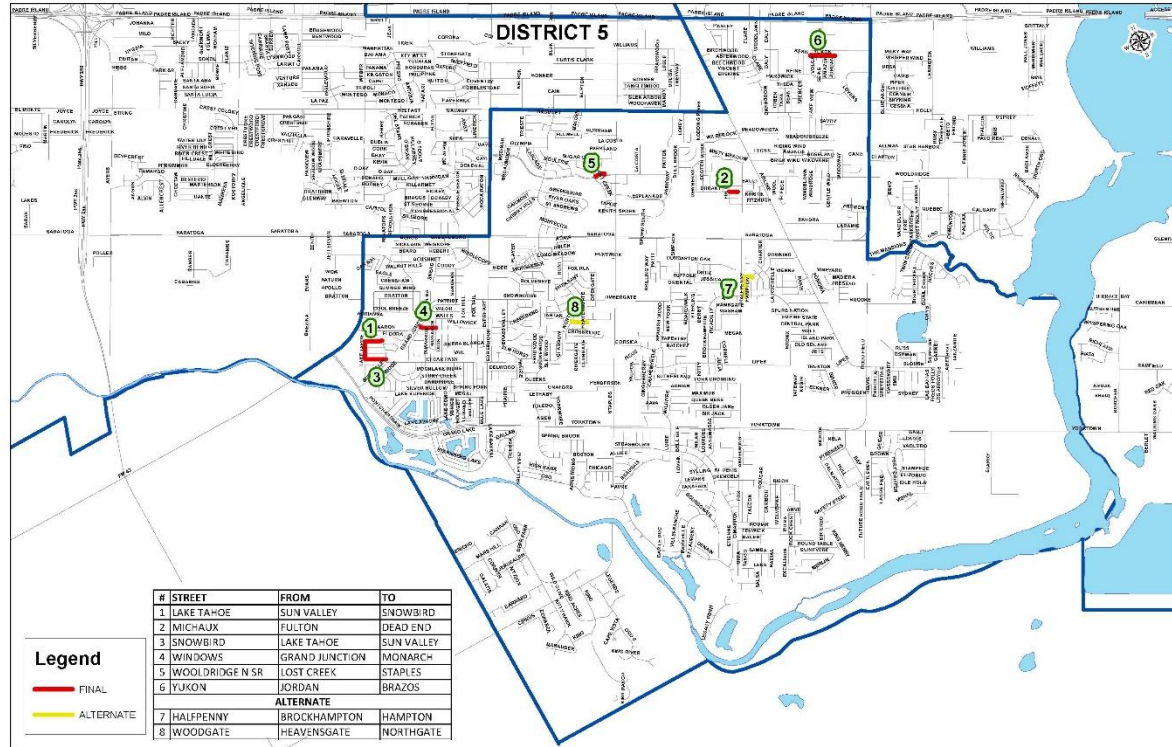


Residential Street Rebuild Program (RSRP) Work Plan – District 4



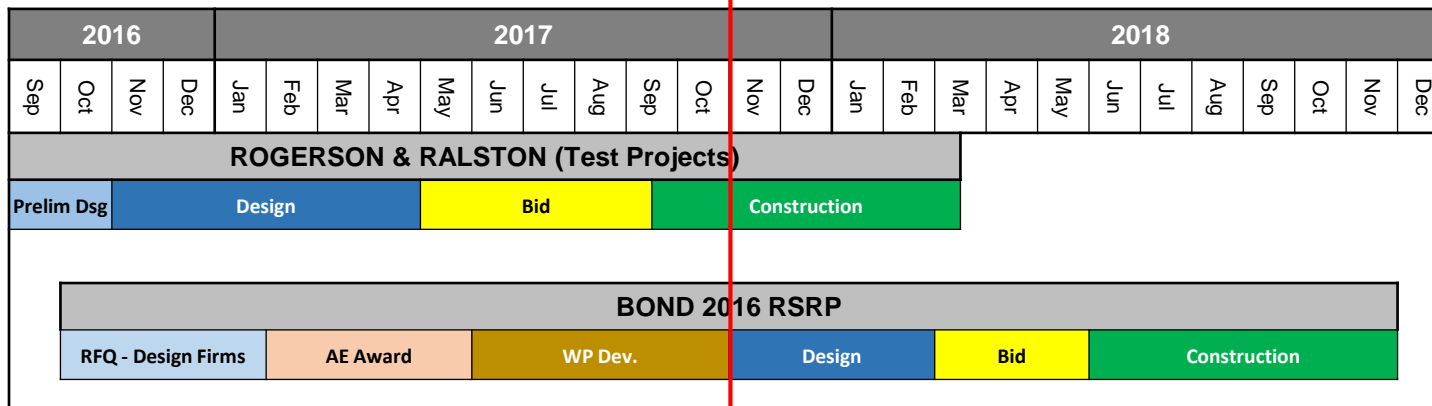


Residential Street Rebuild Program (RSRP) Work Plan – District 5





Residential Street Rebuild Program (RSRP) Timeline



TODAY



Residential Street Rebuild Program (RSRP) Test Projects Update



- **Rogerson Drive:** McArdle Road to Sunnybrook Road
 - ✓ Construction Start – September 18, 2017
 - ✓ 2 Blocks
 - ✓ Estimated % completion – 30 %
- **Ralston Avenue:** Staples Streets to Alameda Street
 - ✓ Construction Start – September 18, 2017
 - ✓ 3 Blocks
 - ✓ Estimated % completion – 13 %

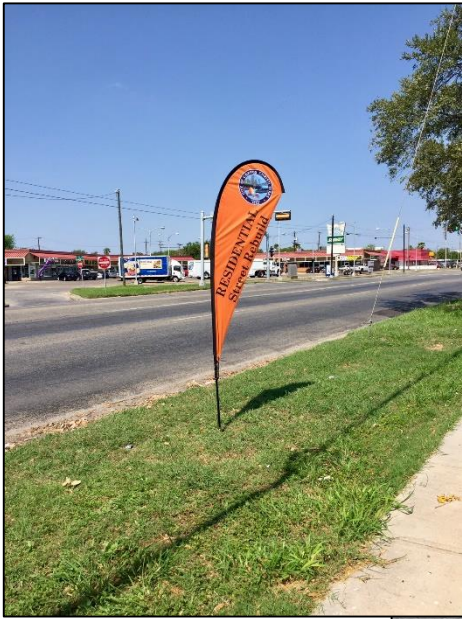
Residential Street Rebuild Program (RSRP) Rogerson Drive



Residential Street Rebuild Program (RSRP)
Rogerson Drive



Residential Street Rebuild Program (RSRP) Ralston Avenue



Residential Street Rebuild Program (RSRP) Ralston Avenue





Residential Street Rebuild Program (RSRP)



Discussion

