

## Planned Routine Capital Projects Over \$500,000 for Electric For FY 2018/19

Board of Public Utilities  
June 25, 2018

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# Electric Utility



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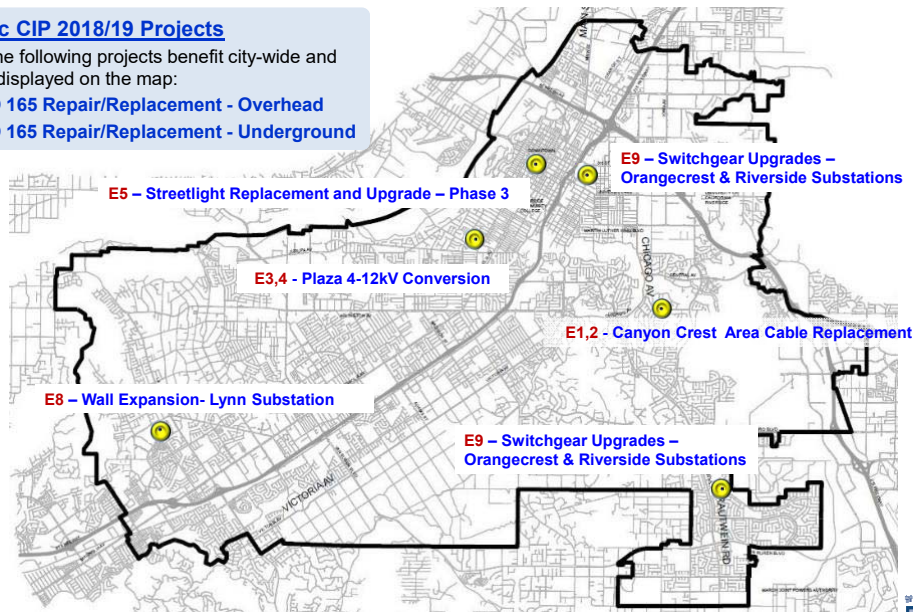


### Electric CIP 2018/19 Projects

Note: The following projects benefit city-wide and are not displayed on the map:

**E6 - GO 165 Repair/Replacement - Overhead**

**E7 - GO 165 Repair/Replacement - Underground**



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FY 2018/19 Proposed CIP Budget – Electric Utility

## Aging Infrastructure Replacement

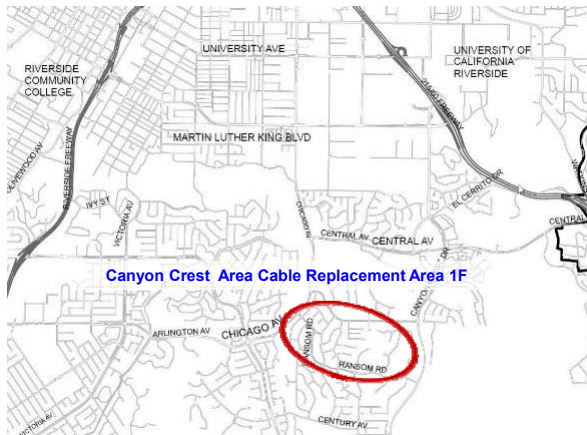


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## FY 18-19 Projects Cable Replacement – Project 1



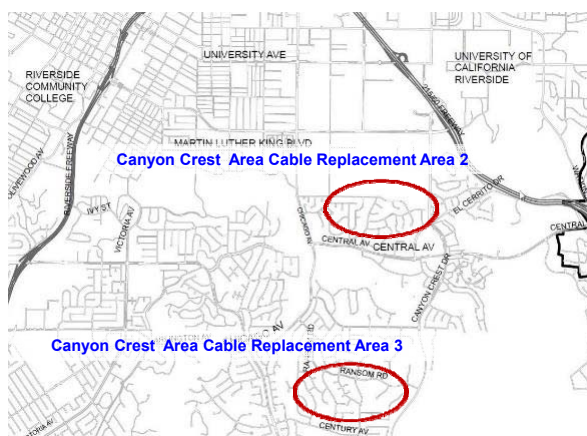
- Cable Replacement – Canyon Crest Area 1F (Phase 2)
- Estimated Project Cost - **\$2,000,000**
- Ward – 2
- Map location – **E1**

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## FY 18-19 Projects Cable Replacement – Project 2



- Cable replacement – Canyon Crest Area 2 & 3 (Phase 2)
- Estimated Project Cost - **\$2,900,000**
- Ward – 2
- Map location – **E2**

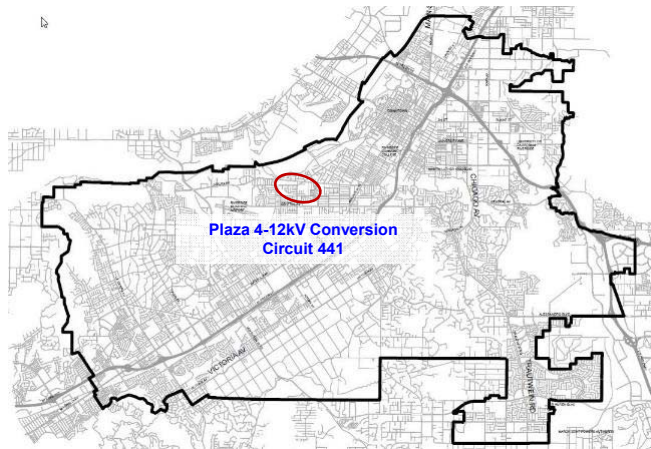
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## FY 18-19 Projects

### 4-12kV Conversion – Project 1



- Plaza 4-12kV Conversion – Circuit 441
- Estimated Project Cost - **\$2,000,000**
- Ward –1,3
- Map location – **E3**

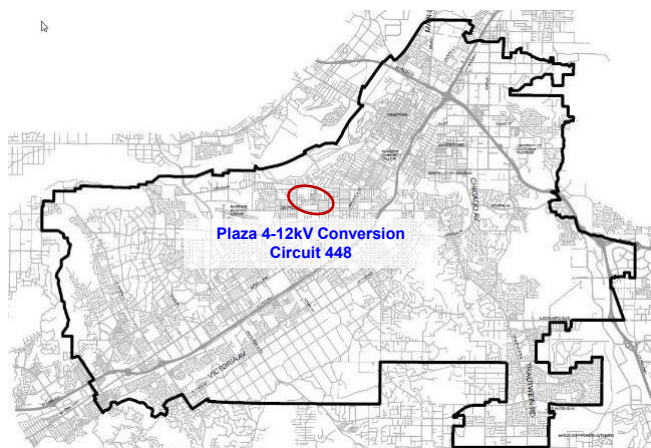
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## FY 18-19 Projects

### 4-12kV Conversion – Project 2



- Plaza 4-12kV Conversion – Circuit 448
- Estimated Project Cost - **\$1,000,000**
- Ward –1,3
- Map location – **E4**

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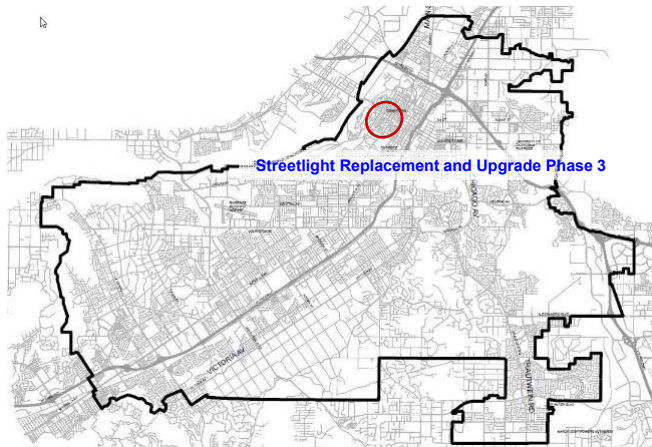


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## FY 18-19 Projects

### Neighborhood Streetlight Replacement Phase 3



- Streetlight Replacement and Upgrade – Phase 3
- Estimated Project Cost - **\$2,100,000**
- Ward –1
- Map location – **E5**

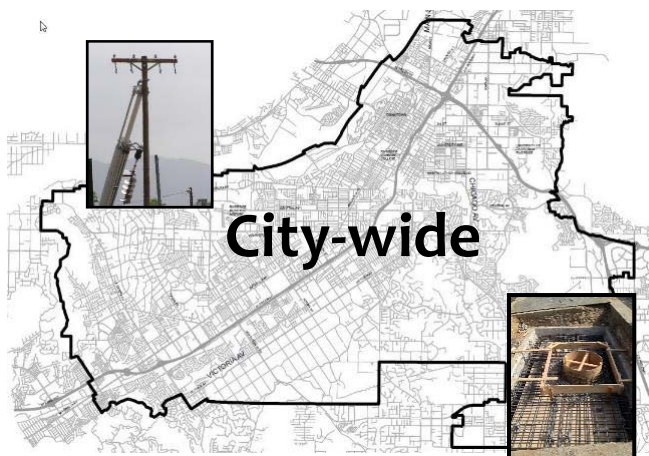
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## FY 18-19 Projects

### G.O. 165 Repair/Replacement



- Replacement of 130 poles and Replacement/Rehab of 20 Electric Vaults/Structures as a result of intrusive inspections
- Estimated Project Cost –  
Pole Replacement **\$1,900,000**  
Vault Repl/Rehab **\$2,000,000**
- Ward – All
- Map location – **E6, E7**

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## Substation Upgrades/Additions

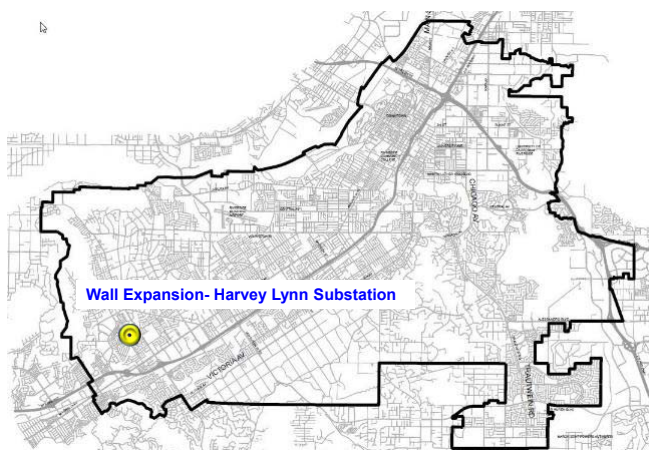


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## FY 18-19 Projects Substation Wall Expansion



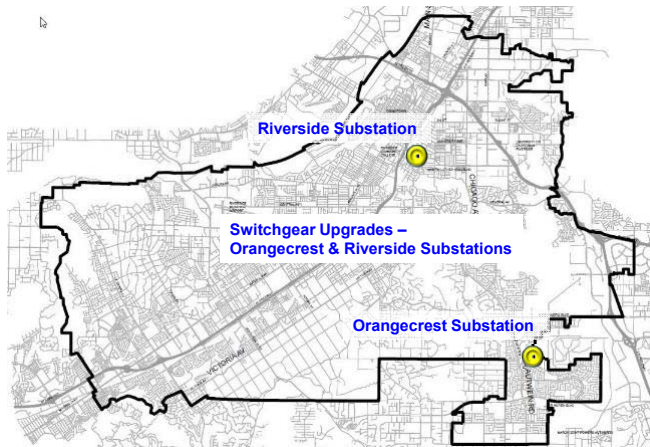
- Wall Expansion at Harvey Lynn Substation
- Estimated Project Cost - **\$1,400,000**
- Ward – 5, 6, 7
- Map location – **E8**

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## FY 18-19 Projects Substation Switchgear Upgrades



- Multi-switchgear Upgrades at Riverside & Orangecrest Substations
- Estimated Project Cost - **\$4,000,000**
- Ward – 1,2,4
- Map location – **E9**

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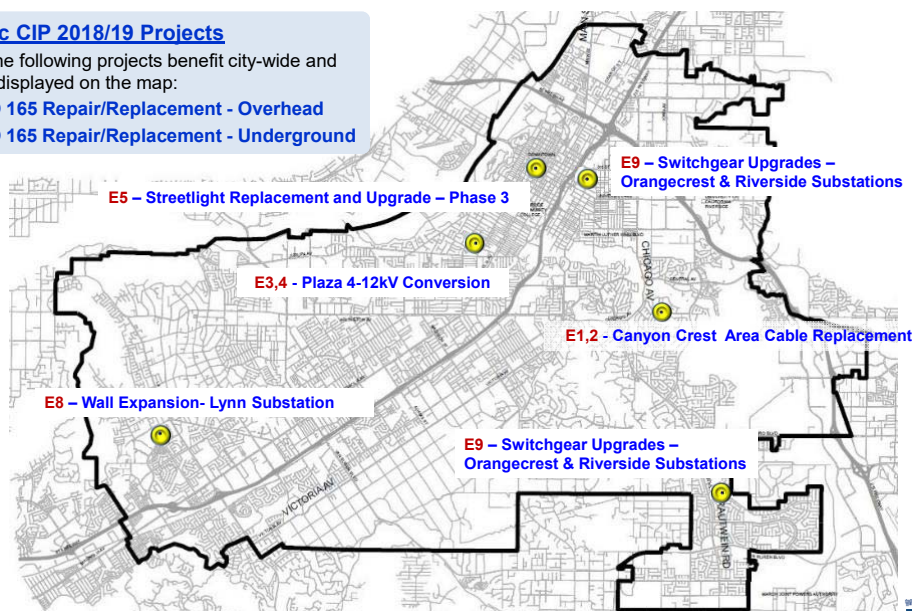
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## Recommendation

That the Riverside Public Utilities Board receive this report.