

Chaparral Street Electricity & Maintenance

November 27, 2018







Issue Overview

- Some Chaparral Street Enhanced Electrical Features Not Working
- City Doesn't Usually Build Streets With Outlets & Tree Uplights, Not Equipped
- City Will Repair, Requests DMD to Maintain
- DMD can take on Role, with TIRZ support

Chaparral Street Overview

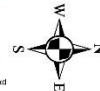


- Phase 1 (865 ft - \$5 Million)
- Phase 3 (925 ft - \$8.8 Million)
- Phase 2 (975 ft - \$9.2 Million)
- Phase 4 (1,270 ft - \$12 Million)

Chaparral Street
Improvements Cost
Projections

1 inch = 100 feet

Created by: JeremyM Date Created: 05/08/2013 Path: K:\Development\Scot\SHARE\DIGIS Projects\M\Jeremy\Chaparral.mxd

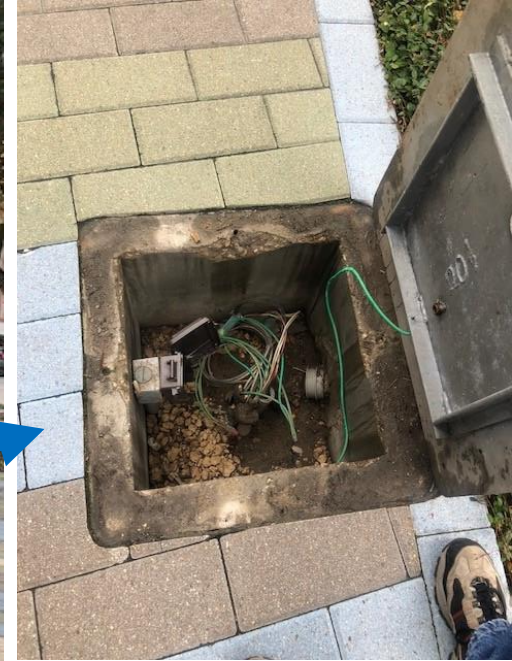




Chaparral Street Timeline

- 2008- Chaparral Ph 1 Approved Bond
- 2010- Ph 1 Design Occurs
- 2012- Ph 1 Construction Starts
- 2014- Road Opened, Punch List Remains
- 2015- Decision to Correct on Ph 2
- 2016 - Ph 2 Design Begins
- 2017 - Ph 2 Construction Begins
- 2018 - Road Opened, Chaparral Converted
 - DMD Installs Christmas Lights

Electric System

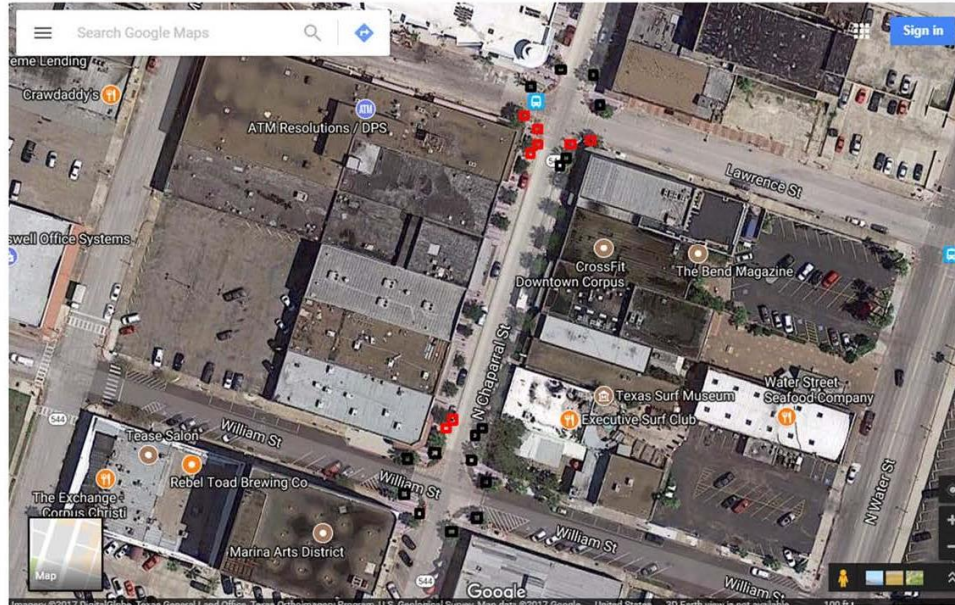


Chaparral Street Overview



Phase 1	Electrical Outlets	LED Street Lights	Tree Up Lights
Phase 2a	Electrical Pedestals	LED Street Lights	Tree Up Lights
Phase 2b		Basic Street Lights	

Issues with Electricity

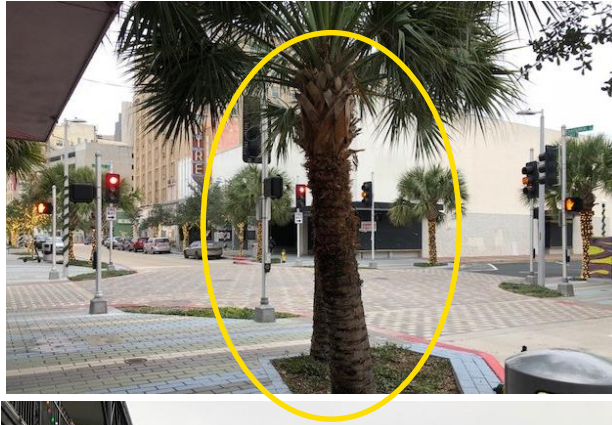


As Of
October 2017

Boxes in RED indicate boxes where the breaker could not be reset and a substantial ground fault is present. These boxes contain outlets that will not work without wire replacement or in depth troubleshooting.

Boxes in BLACK indicate boxes that did work with a test equipment(power drill). Several have a small leak in voltage to ground but should hold up unless water is introduced, bad equipment is used or further shifting or movement of bad wire is done.

Issues with Electricity





Proposal for Maintenance

- City Initiating Design of Repairs for Phase 1 of Chaparral
- DMD Requests City Consider Installing Outlets in Phase 2A of Chaparral
- City Requests DMD Maintain
- DMD Requests TIRZ Funding to Maintain



Next Steps

- If TIRZ Supports, DMD Board to Consider
- City to Begin Designing Repairs for Phase 1