

# 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

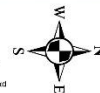


- Phase 1 (865 ft - \$5 Million)
- Phase 3 (925 ft - \$8.8 Million)
- Phase 2 (975 ft - \$9.2 Million)
- Phase 4 (1,270 ft - \$12 Million)

Chaparral Street  
Improvements Cost  
Projections

1 inch = 100 feet

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

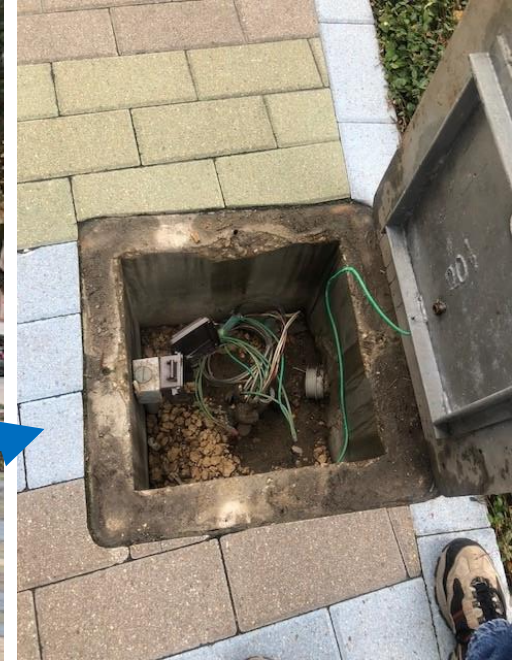




# Chaparral Street Timeline

- 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

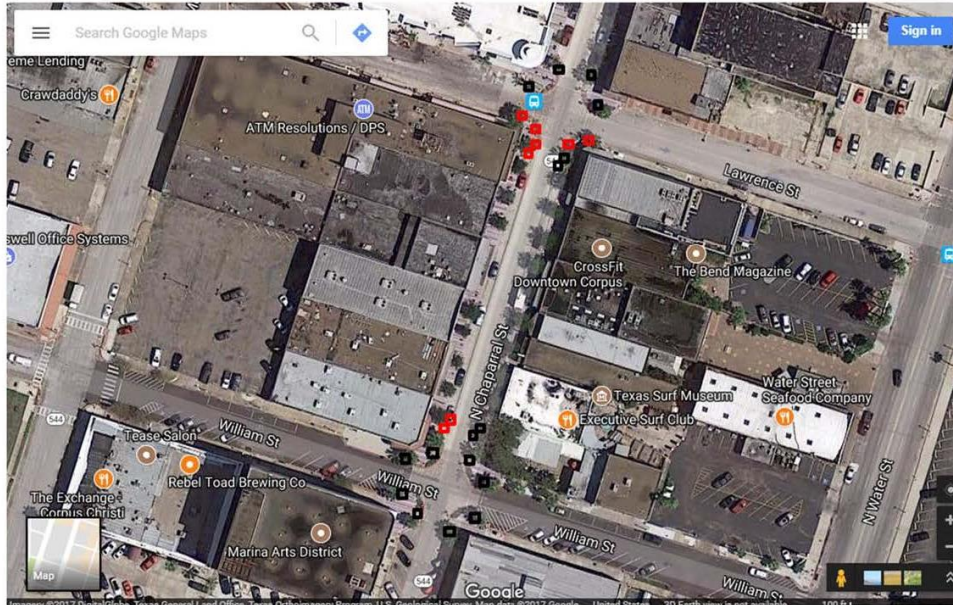


# Chaparral Street Overview



|          |                      |                     |                |
|----------|----------------------|---------------------|----------------|
| 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

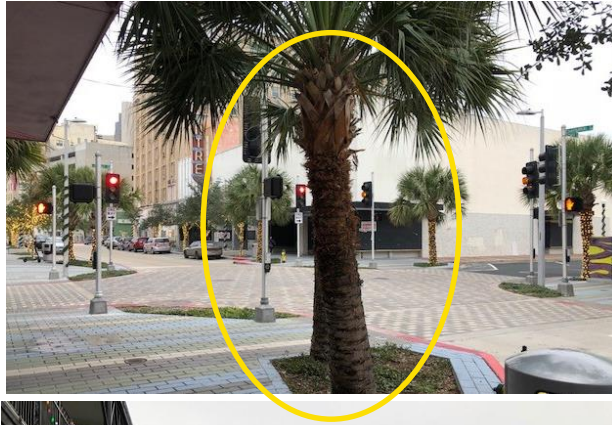


As Of  
October 2017

**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