



Region 10 Cross Connection Newsletter

Volume 5, Issue 8

8/1/18

August Meeting

September Meeting

**Region 10 Serving
Hardee, Highlands
& Polk Counties**

The 7 PM August 14th meeting will be held at City of Frostproof Community Center located at 137 E Wall St. Frostproof.

The 1 PM September 11th meeting will be held at Polk County's Southwest Regional WWTF located at 2000 4th St Mulberry.

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Upcoming Meetings:

- * August 14th City of Frostproof 7PM
- * September 11th Polk County SW WWTF 1PM

Region 10 would like to thank Todd Abbott and Mike Parnell of ISI Technical Group for sponsoring the meeting in July

**Looking To
Become A
Member**

<http://fwpcoa.org>



Good luck to the members and their kids

Safety Corner

Bus Safety

Students are about 70 times more likely to get to school safely when taking a bus instead of traveling by car. That's because school buses are the most regulated vehicles on the road; they're designed to be safer than passenger vehicles in preventing crashes and injuries; and in every State, stop-arm laws protect children from other motorists.

- **Different by Design:** School buses are designed so that they're highly visible and include safety features such as flashing red lights, cross-view mirrors and stop-sign arms. They also include protective seating, high crush standards and rollover protection features.
- **Protected by the Law:** Laws protect students who are getting off and on a school bus by making it illegal for drivers to pass a school bus while dropping off or picking up passengers, regardless of the direction of approach.



Technical Corner

Traffic Light Optics and Lighting

Traditionally, incandescent and halogen bulbs were used. Because of the low efficiency of light output and a single point of failure (filament burnout) municipalities are increasingly retrofitting traffic signals with LED arrays that consume less power, have increased light output, last significantly longer, and in the event of an individual LED failure, still operate albeit with a reduced light output. With the use of optics, the light pattern of an LED array can be comparable to the pattern of an incandescent or halogen bulb.

The low energy consumption of LED lights can pose a driving risk in some areas during winter. Unlike incandescent and halogen bulbs, which generally get hot enough to melt away any snow that may settle on individual lights, LED displays – using only a fraction of the energy – remain too cool for this to happen. As a response to the safety concerns, a heating element on the lens was developed.

With technologies in developed countries continuing to advance, there is now an increasing move to develop and implement smart traffic lights on the roads. These are systems that adapt to information that is received from a central computer about the position, speed and direction of vehicles. They try to communicate with cars to alert drivers of impending light changes and reduce motorists' waiting time considerably. Trials are currently being conducted for the implementation of these advanced traffic lights but there are still many hurdles to widespread use that need to be addressed; one of which is the fact that few cars yet have the required systems to communicate with these lights.

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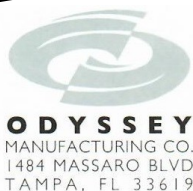
Waste Water Trustees: Nathan Silveira, Todd Potter & Frank O'Neal

Potable Water Trustees: Johnny Gonzales & Steve Whidden

We are on the Web!

[Region 10 Website](#)

With thanks to our
Region 10 Sponsors



CODE OF ETHICS

PREAMBLE

The operator will uphold and advance the honor and dignity of the Operator's Association and in keeping with the high standards of ethical conduct:

Will be honest and impartial, and will serve with dedication the employer, clients and public;

Will perform all duties in a manner becoming a professional;

Will strive to stay physically, mentally and technically competent;

Will strive to increase the competence and prestige of the operator's profession;

SECTION I - The operator will be guided in all his professional relation by the highest standards of integrity, and will act in professional matters for a client or employer as a dedicated agent or trustee.

- The operator will be realistic and honest in all reports, statements and testimony.
- The operator will not solicit (for any purpose), money or other benefits or consideration in the name of the FW&PCOA from manufacturers representatives, consulting firms or any other person, unless prior approval is granted by the Board of Directors of the FW&PCOA.
- The operator will admit and accept errors when proven obviously wrong and refrain from distorting or altering the facts in an attempt to justify decisions.
- The operator will not accept outside employment to the detriment of regular work.

SECTION II - The operator will have proper regard for the safety, health and welfare of the public in the performance of all duties. If an operator's judgment is overruled by authorities, the operator will point out any and all consequences. The operator will notify the proper authority of any observed conditions which endanger public safety, health or welfare.

- Public welfare will be regarded by the operator as paramount.
- The operator will guard against conditions that are dangerous or threatening to life, limb or property.
- The operator will seek opportunities to be of constructive service in civic affairs and work for the advancement of the safety, health and well-being of the environment.

SECTION III - The operator will cooperate in extending the effectiveness of the Association by interchanging information and experiences with other operators and students and will provide opportunities for the professional development and advancement of all operators.

- The operator will urge other operator employees to become certified at the earliest possible date.
- The operator will utilize all employees, insofar as possible to the fullest degree of their recognized competence.

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For A Little Fun

