



TRAFFIC MANAGEMENT CENTER

Third Quarter 2020 ITS Report



by Frank Hickman
Monica Stone





Solar Powered Speed Sign Installations, August 2020 On Shore Drive between Kendall Street and N. Great Neck Road

This project was initiated by *Traffic Engineering* in response to a neighborhood request to alert the westbound traffic on Shore Drive of the posted speed limit of 35mph.

This digital speed limit sign has a built-in radar to flash “Your Speed XX” or “Slow Down” messages for vehicles going over the speed limit.



At Shore Drive just east of Kendall Street

Traffic Signal Electronic Technicians I, **Charles Patterson** and **Chris Janzen** completing an installation.

The project involved 10 staff members and took 49 total man hours to program, test, and complete the installation.

An identical sign will be installed on east bound Providence Road (east of Kempsville Road) in October 2020.



Indian River Road/ Kempsville Road Intersection Project, August/September 2020

This is a report on the latter stage of this intersection improvement project. Physical construction finished in March 2020. The intersection still needs all of its vehicle detection actuated and pedestrian crossings activated.

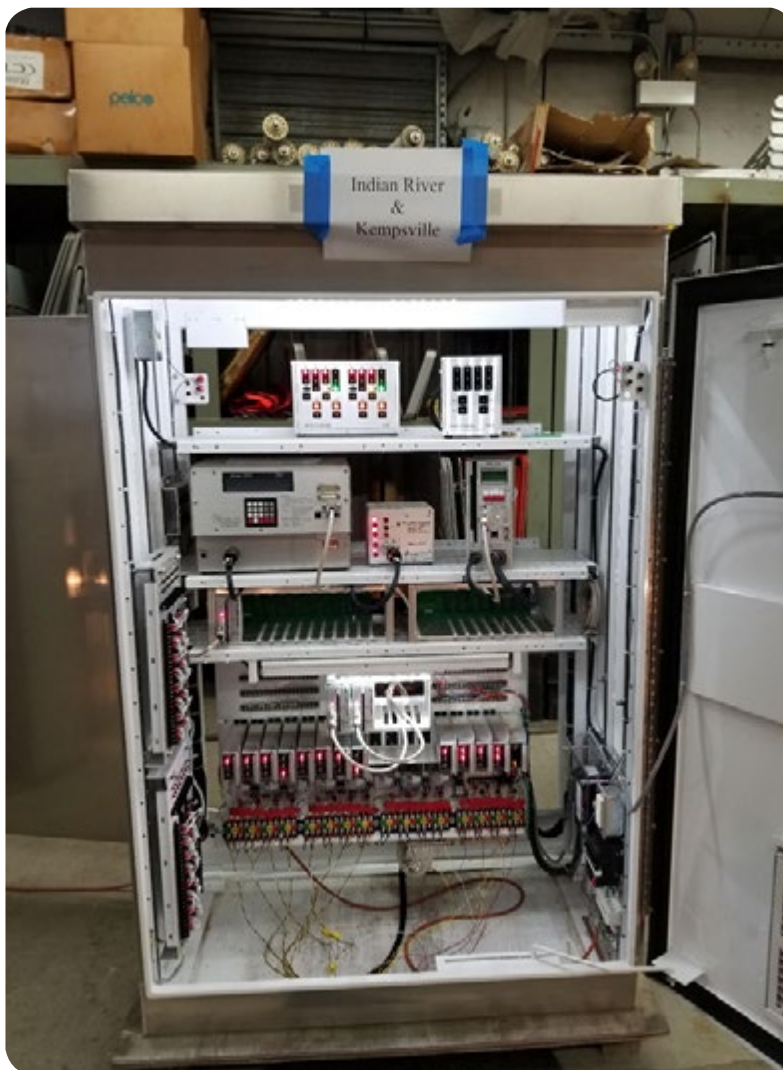
This intersection has a new geometric design layout with displaced left turn lanes, which make the signal timing programming very complex & challenging.



The project includes two separated left turn lanes, two U-turn bays, installation of signalized intersections, widened right turn ramps, construction of new storm sewer structures, utility relocations, ITS and lighting improvements, milling operations, roadway, and building demolition.



Traffic Operations staff has provided a test cabinet in the Traffic Management Center to help Traffic Engineering, PW/Engineering and the design consultant staff to test the new traffic signal timings as well as proposed pedestrian signal timings in the test cabinet prior to the field implementation.



Due to the complex nature of this intersection , signals will be retimed on all of the surrounding corridors. Signal timings will be done at 27 intersections along Indian River Road, Kempsville Road, and Military.

Special Salute to Jose A. Mendez, Maintenance Supervisor, Public Works /Highways

Our hearts are saddened with the sudden passing of our colleague,
Jose A. Mendez,
on September 15, 2020.

Jose was an US Army and US Navy veteran. He was employed with the
City of Virginia Beach for 20 years
and last served as a Maintenance Supervisor in the concrete section of the Highways Bureau.





Traffic Management Operations Division Response Information (July-September 2020)

Some of the vital statistical areas we addressed:

Number of Traffic Counts – 100

Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked –4213/3535/678

Number of Traffic Signal Preventive Maintenance Actions completed-150

Number of Traffic Signal Work Orders Completed - 625

Number of Traffic Sign Work Orders Completed –612

Feet of Installed Thermoplastic paint – 35,196

Provided event support for the following Special Events:

Nightly Entertainment at the Resort- Historical Programming

July 4th Weekend Entertainment

Nightly Entertainment at 17th St and 24th St parks

Chalk the Walk

March on City Hall

July 25 Back the Blue

East Coast Surfing Championship

Early Voter Registration/Drive-up lines

