



The Pinellas Suncoast Transit Authority (PSTA) is responsible for the buses in Pinellas County. Their new facility is designed to handle a fleet of 1,500 buses. The civil engineer of the project, Brian Zarlenga, P.E., of the TBE Group, had chosen concrete because of the strength, durability and being virtually maintenance-free. After meeting with SI Concrete Systems, his design was a 6 inch thick pavement with Novomesh™ HPP 2.0 or an alternate using #4 rebar @ 24".



Novomesh HPP 2.0 was chosen for several reasons, including the fact that the cost of traditional reinforcement has skyrocketed, and fibers allow speedier, safer placement since rebar does not have to be installed. Novomesh HPP 2.0 is a blend of macro-monofilament fibers with sinusoidal deformations and collated-fibrillated polypropylene fibers. To date almost 5,000 yards of HPP 2.0 reinforced concrete have been placed. The concrete in this project was placed, floated with pans and a broom finish is applied. Control joints are cut 15' oc using a SoffCutt early entry saw. Ben Rogers of Clancy/Theys reports all is well.

### Project File

**Job:** Pinellas Suncoast Transit Authority

**Fiber type:** Novomesh™ HPP macrosynthetic

**Dosage rate:** 5 pounds per cubic yard

**Contractor:** Clancy/Theys

**Concrete contractor:** Flatworks, Inc.

**Concrete producer:** RMC Florida Group, Inc.,

**Total area:** 550,000 square feet

CS-PS-832