

A concrete parking lot may seem like a pretty straight forward project, but that wasn't the case with a recent pour at the Golden Glades Park & Ride Center in South Florida. Challenging mix requirements coupled with the logistical challenges of an active construction site called for a custom Ozinga solution.

Solution Story

GOLDEN GLADES PARKING GARAGE

Rodmark Construction and Ozinga were working closely with the Florida Department of Transportation on a huge revamp of the facility to upgrade and enhance mobility at the Golden Glades Multimodal Transportation hub. As part of this three-year renovation, Golden Glades is increasing the amount of parking at the 4,500 square foot station and reached out to Ozinga to pour the last 2,000 yards they needed to complete the project.

The Client

The existing Golden Glades Multimodal Transportation Facility sees traffic from South Florida Regional Transportation Authority (SFRTA) commuter trains, Broward County Transit (BCT) express and local buses, Greyhound intercity buses, and carpool commuters. The \$55 million redesign will increase connectivity, accessibility, safety, security, and comfort at the huge transit hub for the hundreds of commuters who use the facility each day.



Target

Develop a mix that can maintain a slump of 7" to avoid load rejections



Development

Work with QC to evaluate the proper type of aggregate, aggregate size, and W/C ratio



Integration

Maintain communication between dispatch, operations, and sales to ensure all bases are covered

Overview

During a recent high-profile Florida Department of Transportation project, several loads of concrete were rejected after testing at the job site. Thanks to a strong working relationship and constant, proactive communication with Ozinga's Quality Control department, Rodmark Construction and Ozinga were able to perfect the mix and keep the project on track. Together, there's nothing we can't handle.

- Direct access to Tri-Rail Station from new parking garage
- Upgraded and new bicycle paths, sidewalks, walkways and platforms
- New designated passenger waiting areas
- Bicycle parking and lockers

The Problem

Because the mix required for this job was especially tricky, building trust and establishing a strong relationship with the customer were key. The process to get the submission and mixes approved took more than a month, and a couple loads were rejected because of problems with the slump and issues with the aggregate size. Because the jobsite was so close to the plant, trucks weren't traveling far enough to complete the necessary number of revolutions before reaching the pour site.

That's when Ozinga South Florida Quality Control Manager Howard Livingston reached out to the engineering company directly to discuss the problems with the rejected loads, talk through the components of the mixes, and answer any questions they had. After chatting with the engineers, we tweaked the mix specifications and the project was back on track.

By communicating with our drivers and the customer, we were able to deliver the perfect slump that met EOR specifications, including but not limited to the aggregate type, size and water cement ratio.



2,150

Solution

The number of parking spots made available so that it eases up the congestion of parking on the streets

4,500

Solution

This created a 4,500 square foot transit hub.



01

Ozinga's QC team worked closely with Rodmark and two third-party testing companies to test every load that arrived on site.

02

Logistics was an essential piece of the puzzle, as we had to be sure when the trucks arrived, they had completed the required number of revolutions to perfect the slump.

03

By building a strong relationship with the customer and treating each other as partners working towards a common goal, we all made a difficult job easier.

Final Steps

With a project of this size that also required a very specific mix, things could have gone downhill quickly. But everyone—QC, coworkers, and drivers—worked together to make sure the mix was perfect and the project was finished on time.

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