

C. Steinweg Group RCC Pour

Product: Roller Compacted Concrete

Location: C. Steinweg Group, Baltimore, MD

General Contractor: WePave

Size: 30,000 sq ft

Completion Date: Summer 2015

International import/export company, the C. Steinweg Group had a unique problem. They acquired a contract to store feed grain, but the contract prohibited the storage of the organic feed on an asphalt surface. Not only did there need to be some type of surface to cap the asphalt, but the surface needed to be durable enough to handle the heavy equipment loads of the operation. Multiple concrete options were considered, but it was quickly realized that roller compacted concrete (RCC) would be the most economical solution.

Roller compacted concrete has all of the life cycle advantages of regular concrete, but the placement is very similar to asphalt which results in a large initial cost savings and an even larger life cycle savings.

The design of the project was done with the help of the National Ready Mix Concrete Association's (NRMCA) Design Assistance Program. As a member of the organization, this design help was free to Chaney Enterprises. With a few project details, the engineers with the NRMCA were able to turn around a design in a few short days.

Chaney Enterprises use a traditional dry batch concrete plant to produce the RCC using mixer trucks. The material was transferred into dump trucks and then shipped to the job site. The RCC was loaded into a traditional asphalt paver, rolled to proper compaction, a curing compound was applied, and then joints were saw cut.

While the solution was cost effective, the important thing for the C. Steinweg Group was that the warehouse passed the facility inspection, received a long lasting, durable solution, and met a very tight project deadline.



POURING OUR HEART & SOUL INTO EVERY JOB

ChaneyEnterprises.com

(888) 244-0411

