



RA Morton - Construction Managers

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**Overview Presentation on Quarryview's
Construction Progress**

District 742 – School Board

September 13, 2017

St. Cloud Area
School District 
Prepare. Engage. Educate. Empower. Inspire.

Future Home of
**Quarryview
Education Center**



PROJECT SUMMARY

	BUDGET	% OF BUDGET
CONSTRUCTION CONTRACTS	\$ 12,681,740	74.6%
CONSTRUCTION CONTINGENCY BALANCE	\$ 396,108	2.3%
SOFT COSTS	\$ 2,498,274	14.7%
BUDGET VARIANCE	\$ 1,423,878	8.4%
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TOTAL BUDGET	\$ 17,000,000	

SUBSTANTIAL COMPLETION – JULY 2018

BEGINNING OF CONSTRUCTION - SITEWORK

Construction started on April 22, 2017 with equipment being mobilized to the site. Site security fencing installation also began. Moving of topsoil's and berm construction started on April 25, 2017.



SOIL CORRECTIONS

Soil conditions varied throughout the site. One area of the site a granular “Borrow Pit” was found. This provided the project the opportunity to have excess black dirt and to import granular fill material. This probably occurred during the construction of Discovery School.



FOOTINGS

This view is from the west looking towards Discovery School. The picture shows concrete footings that were installed that day with the reinforcement rods protruding for the foundation connection.



FOOTINGS AND FOUNDATIONS

After the footing installation, foundation walls were installed. Foundation construction consists of formed and poured into place concrete. This picture shows the installation of the forms. There are three labeled areas of the new building for the purpose of the construction process. They are labeled A,B and C. Footings and Foundation walls were started in Area C.



SHELL CONSTRUCTION

Concrete block installation proceeded simultaneously with the poured foundation walls. The picture on the left is the start of a stair case tower. The picture on the right shows the elevator shaft concrete block completion, the vast amount of underground plumbing pipes and the start of structural steel installation. All of this is in Area C.



BUS TURN-AROUND

Part of the project was creating a school bus turn-around area for Discovery School. The two pictures below shows this area. You can see Discovery School in the background.



UNDERGROUND STORM WATER SYSTEM

You can see in these two pictures the magnitude of the installation process of the underground storm-water system that was installed to process the water run-off from a large portion of the existing north end of the current Discovery School.



DISCOVERY SCHOOL PARKING

The project also required expanded drives for the east and west entrances to Discovery School as well as the expansion of the bus parking to the south. This required maintaining parking for the summer staff, maintaining all existing services, access points and complete this work during the schools summer break. On opening day of school, 95% was completed and everything went smoothly on the first day of the 2017-2018 school year.



CURRENT PROGRESS



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Thank You