

RFP 16-60: Georgetown K8: Recommend site visit

Current Network

- The classrooms currently have five Cat 5 data drops per room and 1 wireless data drop in every other class room. In the offices the data drops vary from one to two. In the two computer labs there is an average of 32 computer drops. In some of the labs there are concrete knee walls and built in cabinets.
- Many of the classrooms have built in cabinets, the data runs down through the floor.
- Currently the site has 1 MDF and 5 IDF's
 - MDF has 80 existing data drops, all fiber from the existing IDF's runs back to along with our Comcast fiber.
 - IDF1 has 120 existing data drops and fiber goes back to MDF
 - IDF2 has 51 existing data drops and fiber goes back to MDF
 - IDF3 has 61 existing data drops and fiber goes back to MDF
 - IDF3A has 48 existing data drops and fiber goes back to IDF3
 - IDF4 has 48 existing data drops and fiber goes back to MDF
 - IDF5 has 116 existing data drops and fiber goes back to MDF, this is located within a cabinet. Will need to see.

New Installation

- Guidelines per Section 271010 – Communication Backbone Cabling
- Guidelines per Section 271020 – Communications Horizontal Cabling
- Guidelines per Technology Design Guidelines
- All of the existing data will be demo; this includes data in the classrooms, offices, labs, cameras, wireless, time clocks, door controls. The existing fiber will also be demo as well as the existing patch panels in the MDF/IDF. All existing data outlets not reused or removed will need to be cover with blanks. All existing wire mold not reused can be left on the wall.
- We will install 6 new Cat6E data drops per classrooms in locations outline on the drawings, and 1 wireless drop in the ceiling in every classroom. In the offices, labs, media center, café, and gym we will install new data drops in these areas in the locations and quantities identify on the drawings. We will also run new data drops to the cameras, time clocks, and door controls.
- All work above ceiling must be in code, no cables on the ceiling grids.
- All pathways created will need to be fire caulk.
- The contractor responsible for removal of all trash.