

Fort Bend ISD, TX

Fort Bend ISD Delivers 3,000+ Laptops Door-to-Door



CONTACT

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Initial planning for delivery of 3,000+ laptops door-to-door

Created an access file so did not have to worry about firewalls

The district provided a list of students who needed laptops.

- The file provided a Family ID for each student, but it was the student ID of the oldest child in the household
- Needed second file providing student ID, Geo address, City, State, Zip, Guardian name, phone, email, and home language in Excel.
- Helpful Tip: Get the name of the student with the student ID – it will then be much easier to filter.
- You do not want grades or schools.

The district had 4 schools they were picking laptops up from.

- Not grades or schools allows you to manipulate the students so you can assign them to any school.
- The students were divided into 4 groups and they were assigned to 1 of the 4 campuses. Using Global Replace the groups of students were assigned to the school the routers wanted.
- Not having names, the students had to be given fake last names.

Using the **Info In Selection Area Tool** they could circle up a group of students, access their information and begin pinning door-to-door. It is important to remove the

On-door side option when routing so the bus will travel one-way rather than trying to route for right side pickup. For Fort Bend there are 3 routers and each knows the areas very well they were routing, so they knew where they needed to make edits. Students living in apartments - the district wanted laptops distributed to first. Their names were changed to Laptop Apartment so they would not be mixed with the other file of students.

Finally, ungeocoded students needed to be geocoded.

Challenge

Each vehicle would be loaded with 120 laptops to be dropped off. Since Routefinder Pro does not allow more than 99 stops, which include your starting and ending point each route had an A & B run. A would run through the morning, and they were able to take a break for lunch and B ended in the afternoon at the facility. Some routes ended at 2:30pm and others at 4:30pm based on how far they needed to go.

There were a total of 20-30 routes x 2, because they had an A & B segments.

Delivery in Action - Handing out the Laptops

- It was decided the laptops were to be dropped off at the district's two transportation facilities and taken directly to the homes.
- A police officer remained at the transportation facilities for security purposes.
- Three people are on each bus. One driver, one monitor to help hand off the laptops and assist with directions, and an IT person.
- A list was provided for each route – addresses needed to match exactly. (If your map doesn't match or you are missing streets or an address it will put the students somewhere else on the map. It was easier when routing to pin one at a time, so you can see exactly where the address was being pinned).
- At each handoff the IT person is matching the serial number of the laptop to the home it is being dropped at.
- Each laptop is in a bag with paper instructions, as each stop is to last only 3 minutes, so there is limited time for Q & A.
- In addition, each stop is being filmed to video the laptop going to each home and the driver license or identification of who is receiving.
- All personnel are to wear gloves and masks.