Canopy Replacement Process

Droporation

Preparation

- Survey the existing concrete walls that will support the canopy.
- Evaluate the condition of the existing concrete and upgrade where necessary.
- Prepare drawings showing field conditions.
- Install anchor rods on top of the walls to connect to the canopy.
- Build temporary overhead work platforms to protect customers and equipment during construction.

Fabrication

- o Fabricate the stainless-steel frame at an offsite steel abrication plant. The frame is built in modules that will be connected onsite.
- Inspect the frame at every point during fabrication process.

Steel Frame Installation

- Deliver the frame modules onsite.
- Erect the steel canopy, by placing the individual modular pieces using a crane.
- This phase of construction typically occurs at night when the station is closed.

Skylight & Glass Installation

- Install the aluminum and glass skylight over the steel frame.
- Approximately 80 glass panes are needed for each canopy for this phase of the project.

Lighting Installation

- Run electrical wiring inside the steel framing.
- Install the fiber optic lighting system and LED downlights to provide sufficient lighting.
- Aim, focus, and test the lighting.

Safety Inspection

- Inspect the canopy to ensure it meets safety specifications.
- Remove the barricades and overhead work platforms.
- The canopy is ready to protect customers and escalators from the elements!

