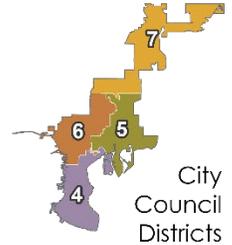
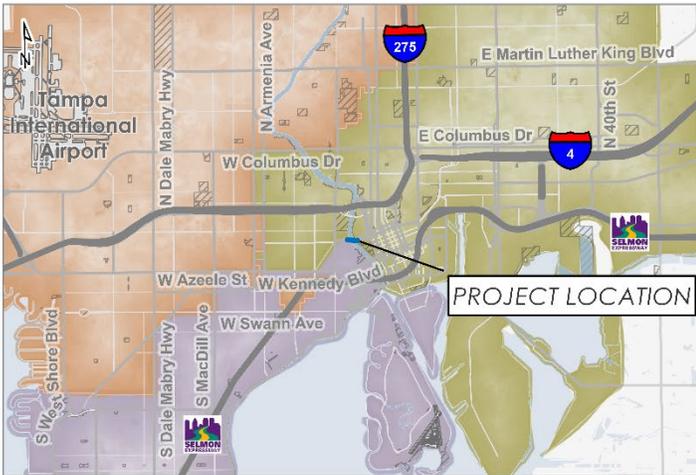


Cass St Bridge Electrical & Mechanical Rehabilitation

City Project No: 1000446



Project Location



Overview Map



Detail Map

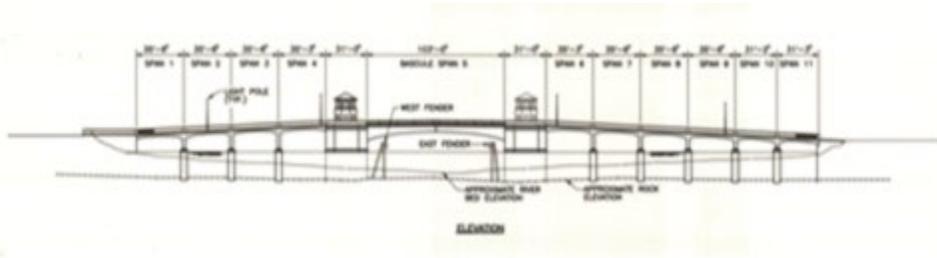
Project Description

The Cass Street Bridge is a 1927 historic steel structure, double-span bascule bridge that is an important crossing over navigable water of the Hillsborough River in downtown Tampa. The bridge is built with structural steel members to support traffic loads. Due to the age and corrosion of the structural steel members, structural repair and painting work was done in 2007. The structural rehabilitation work has extended the bridge's useful life by 10 – 15 years. However, electrical and mechanical equipment & their parts are old and sometimes unavailable to do repair and they are obsolete.

This project will repair or replace:

- Programmable Logic Controller (PLC)
- Drive Motor and cabinets
- Conduit and wiring associated with generator, automatic transfer switch, safety interlock etc.
- Auxiliary drive bevel gear bushing, span drive motor, span lock & pinion, span lock brake & bushings
- Emergency Drive bevel gear, Shaft bushing, bearing & couplings, live load shoe, etc.

Additional Project Information



Project Costs and Schedule

Phase	Firm	Cost	Funding Source	Schedule Start	Schedule Finish
Design	Hardesty & Hanover	\$370,481	CIT 2016 Debt	July 2017	December 2020
Construction	TBD	\$5,100,000	TBD	TBD	TBD