



Client

Chicago Department of
Transportation

Prime Consultant

H.W. Lochner

Sub-consultant

Delta Engineering, Group, LLC

Schedule

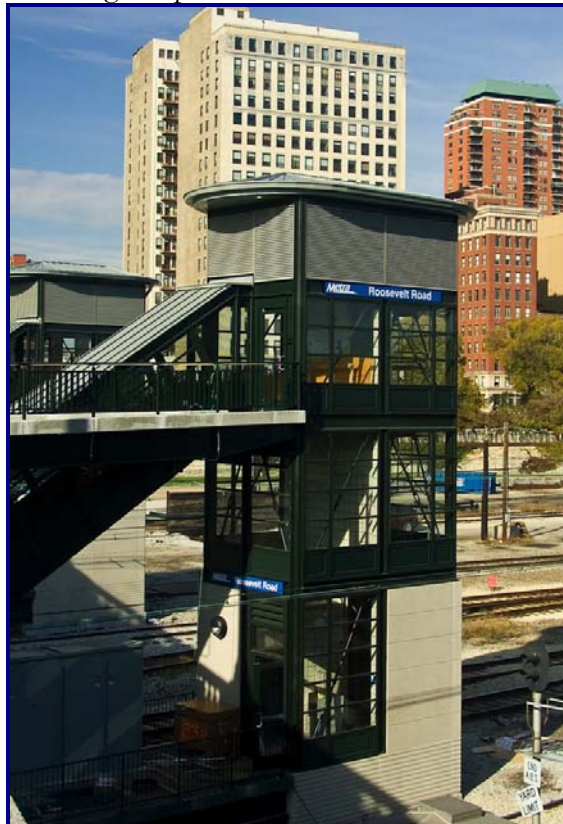
Aug. 2003-Mar. 2007

Metra 11th Street Museum Campus Commuter Station

Delta was responsible for Mechanical, HVAC, Electrical related Engineering Design Services for this new station. This work involved new platform lighting design services, surveying power around the new station, design of feeders and a service entrance for the station, development of VOM based communications, and fire alarm system.

Electrical drawings included lighting fixture schedule, panel schedules, legend, and general notes. Lighting load, voltage drop photometric calculations were also prepared. Mechanical engineering work involved calculations of heating and ventilation loads for the new station including fare control area, stairs, covered walkways and electrical room, and a survey of storm drainage connections for the new station.

Additional responsibilities involved design of sump pumps for the elevator pits including valve vault and the water booster system for washing the platform.



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