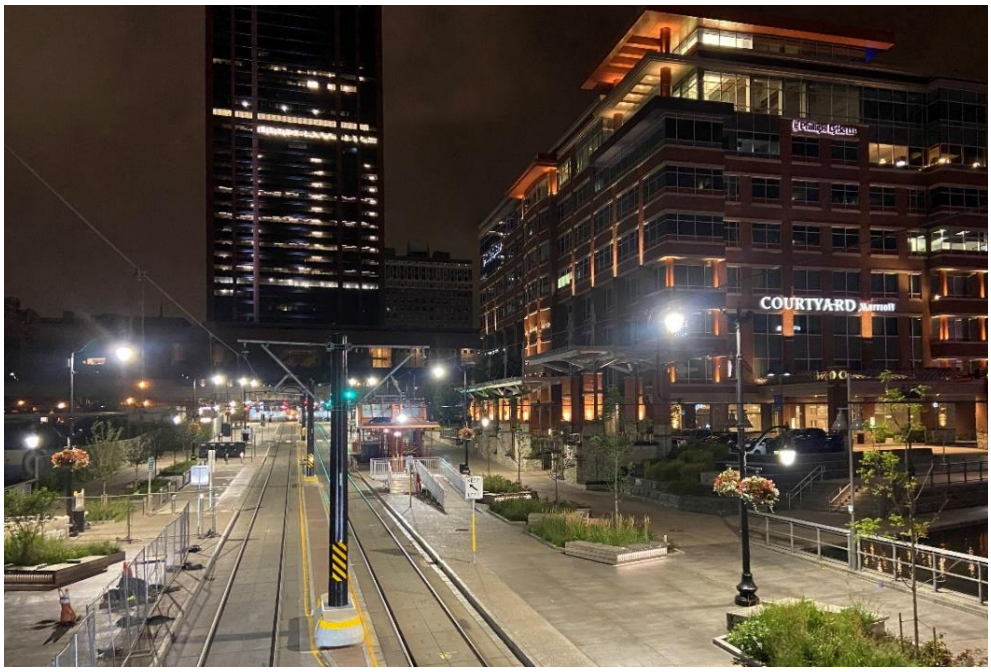
CARS SHARING MAIN STREET REVITALIZATION - LOWER END | Buffalo, NY

Design and Construction Services



As a continuation of the Main Street Revitalization – Cars Sharing Main Street Project, the DiDonato Team completed design services for the City of Buffalo DPW for the Lower End Section of Main Street. This reopened the Main Street section between Exchange Street and Scott Street to two-way vehicular traffic. The work involved the sharing of the travel lanes by vehicular and light rail traffic within the existing track bed, with track bed reconstruction extending to the south limit of a new double crossover just south of the Main Street/Scott Street intersection. This phase combined with earlier phases and will align with future project phases until the entire portion of Main Street is converted to multi-modal travel.

The project elements included: restoring two-way traffic on Main Street between Scott and Exchange; removing the existing light rail double crossover and constructing new double crossover and related catenary work immediately south of Scott Street; installing new curbs, sidewalks, LED street lighting, traffic signals, parking zones, and signage; reconstructing the LRRT trackbed; replacing the train management system; improving the train control system; and implementing landscaping and streetscaping improvements throughout the project limits including the re-use of salvaged Aud façade artifacts.

Realignment of Exchange Street and Upper Terrace was completed to improve sight lines. New drainage was installed throughout, and utility work included sewer and waterline relocation. Utility work also included replacing joint seals on the 48" waterline. Extensive coordination with stakeholders including the Buffalo Sabres, Benderson, Erie Canal Harbor Development Corporation, among others, was critical in shaping design building on the successes of the Canalside development.

Client:
City of Buffalo Department of Public Works

Client Contact:
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Completion Date:
2023

Estimate:
$16,842,473

Bid:
$18,269,443

Final:
$18,071,245

Key Personnel:
John DiDonato, PE-Project Executive
Peter Ringo, PE-Project Manager
William Ratka, PE-Sr. Civil
Christopher Gardner, PE-Sr. Civil
Kashyap Revalli, PE, PTOE-Sr. Civil/Traffic
Pradeep Simlote, MS-Sr. Design Engineer
Robin Prall, NIII-Inspector

Team:
DiDonato – Project Management, Civil Engineering, and Construction
Mathews Nielsen Landscape Architecture – Landscape Architecture
Parsons Brinckerhoff – Traffic Modeling, and Hazard Analysis
Foit-Albert – Survey
Watts Architecture & Engineering – Electrical, and Construction Inspection
Mott MacDonald – Train Control, Catenary/OCS, Track Work
Prudent Engineering – Wayfinding and Signage
Kubit Engineering – Inspection

Contractor:
Mark Cerrone, Inc.

Funding:
Tiger Grant VII

DiDonato Associates