

# ENVISION CONSULTANTS, LTD.

## Representative Rail & Transit Projects



Envision recognizes the important role of well designed and constructed transit and rail systems, and the need to maintain the critical infrastructure that supports them. We provide a range of consulting services for complex rail projects that facilitate well-informed planning and design, ensure adherence to increasingly tight schedules and budgets, enable construction progress, and enhance communication, understanding and collaboration. Our representative experience includes:

### **Amtrak**

- 30th Street Station Exterior Façade Restoration
- 30th Street Station Master Plan
- Amtrak Stations Nationwide Renovations (25)
- Design/Build of four Electric Traction Power Cables (“H” Cables)
- Empire Line Westside
- Metuchen Frequency Converter
- Keystone Corridor (Potts & Bailey Interlockings)
- Lancaster Station Improvements
- New Carrollton, MD Station, Design Phase II
- New Carrollton, MD Station, New High-Level Platform
- Paoli Station Accessibility Improvements
- Baltimore Penn Station Track Improvements
- Various Locations, SOGR Assessments
- Washington Union Station, DC, Master Plan Multiple Phases
- Washington Union Station, DC, Substation 25A Relocation & Catenary Sectionalizing

### *Various Projects/Locations*

### **Charlotte Area Transit System**

- Northeast Corridor Blue Line Design Project
- South Corridor Light Rail Construction Project

### *Charlotte, NC*

### **Delaware River Port Authority/Port Authority Transit Corporation**

- 11th Street Interlocking
- Ben Franklin Bridge 5th Street Tunnel
- Ben Franklin Bridge Masonry Rehab
- Ben Franklin Bridge South Walkway Bicycle and Pedestrian Ramp
- Ben Franklin Bridge Track Rehabilitation
- Ben Franklin Bridge Transformer Replacement
- Betsy Ross Bridge & Commodore Barry Bridge Air Blown Fiber Optic
- Betsy Ross Bridge EZPass
- Betsy Ross Bridge Fiber Design Services
- Betsy Ross Bridge Rehabilitation
- Collingswood Rehabilitation Claim Delay
- Commodore Barry Bridge Painting Phase 2 PA Approach Spans
- Commodore Barry Bridge Rehabilitation
- Control Center Relocation
- Express Rail Intermodal Facility
- Franklin Square Station Re-Opening
- GEC Task Order Assignment (2013-2015)
- Gloucester Camden Line Environmental Impact Statement
- Maintenance Facilities Space Planning
- PATCO Elevator ADA Stations Improvements
- PATCO Lindenwold Train Hoist, Replacement of Rectifier Transformers and Diesel Generator

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## Representative Rail & Transit Projects

- PATCO Lindenwold Yard and Viaduct Rehab
- PATCO Lindenwood Station Enhancement
- PATCO Lindenwood Train Hoist
- PATCO Pole Replacement Project
- PATCO Shop Annex Building Project
- PATCO Station Painting City Hall Station
- PATCO Substations New Transformer Equipment
- PATCO Track Circuit Modification
- PATCO Westmont Viaduct Track Improvement
- PATCO Woodcrest Parking Lot Reconstruction
- PATCO Woodcrest Station Platform Design
- Southern New Jersey Mass Transit Alternatives Analysis Study

*Various Projects/ Locations*

### **Denver Regional Transportation District**

West Corridor Project

*Denver, CO*

### **Federal Railroad Administration**

Northwest Region Task

Pacific NW Rail Corridor

### **Federal Transit Administration**

Nationwide Project Management Oversight

(PMO) Contracts

Prime Contract

- Envision Consultants, Ltd. (2015-2020)
- Burns Engineering, Inc. (2006-2020)
- STV, Inc. (2006-2015)
- Hill International (2015-2020)

*Various Projects/ Locations*

### **Long Island Rail Road**

Diesel Hauled Bi-Level Car Production

*Tokyo, Japan / Yonkers, NY*

### **Maryland Transit Administration (MTA)**

- Baltimore Red Line Program Management
- Light Rail Vehicle Mid-Life Overhaul
- Metro Heavy Rail Vehicle Procurement
- Metro Railcar and Train Control Replacement
- Rolling Stock Procurement

*Baltimore, MD*

### **Metro North Railroad**

- Harmon Shop Replacement, Phase 5, Stage 1 and 2
- Harmon Yard Groundwater Remediation
- LIRR – Speonk to Montauk Signalization Improvement

*Various Projects/Locations*

### **NJ Transit**

- 69<sup>th</sup> Street Bridge
- Atlantic City Rail Line
- Camden Transit Shed
- Comet Rail Car Improvement
- Diesel Electric & Dual-Mode Locomotive Super Storm Sandy Relief Effort
- Dual Power Locomotive Procurement
- Edison Parking Lot
- Gladstone Pole Replacement
- Hoboken Terminal House Power and Henderson Street Substation (CM)
- Lindenwold Rail Yard & Shops
- Lindenwold Station Rehabilitation Project
- Long Slip Fill & Rail Enhancement
- Mid-line Loop Project
- Newark Locomotive AMT Procurement
- Newark-Elizabeth Rail Light Rail
- Portal Bridge Replacement Design
- Positive Train Control
- Rail Operations & Infrastructure Plan
- Raritan River Bridge Replacement Design
- River Line Rail Shed Construction
- Superstorm Sandy Recovery Program Oversight
- The Hudson "Tunnel" Project
- Transit Comet Cars
- Wood Pole Replacement

*Various Projects/Locations*

### **Regional Transportation District**

- Denver PMO
- Denver West Corridor Project
- Denver West Corridor Risk Analysis

*Denver, CO*

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## Representative Rail & Transit Projects

### **San Francisco MTA**

Central MUNI Subway Tunnel  
*San Francisco, CA*

### **Southeastern Pennsylvania Transportation**

#### **Authority**

- 13<sup>th</sup> & Juniper Elevator
- 33<sup>rd</sup> and Dauphin Bus Loop
- 5<sup>th</sup> and Market Independence Hall Station
- 69<sup>th</sup> Street Parking Garage
- 69<sup>th</sup> Street Station West Terminal Rehabilitation and Retaining Wall
- 69<sup>th</sup> Street Terminal Roof Replacement
- 8<sup>th</sup> Street Concourse Vertical Transportation Elevator
- 8<sup>th</sup> Street Elevator
- Allegheny Bus Garage Fire Suppression System
- Allegheny Elevator Project
- Ambler Substation Rehabilitation Project
- Berridge Shop and 2<sup>nd</sup> & Wyoming Office
- Bridgeport Viaduct Timber Ties
- Callowhill Bus Garage Roof
- Chestnut Hill Retaining Wall
- Concourse 2 and 4 Phase 2 Design
- Concourse Phase 4 Design
- Concourse Vertical Transportation 15<sup>th</sup> & 8<sup>th</sup> and Market Streets
- Crum Creek Viaduct Replacement
- Dilworth Plaza
- Elmwood Car House Roof Replacement
- Fern Rock Station Modifications
- Fern Rock Yard Improvements
- Frankford Bus Garage
- Frankford Elevated Line Reconstruction Project
- Frazer Shop and Yard Expansion
- Frazer Yard Pole Replacement
- Frontier Bus Depot Improvement Project
- Garage Lifts Project
- Germantown & Wister Station Improvements
- Gwynedd Station Rehabilitation
- In Ground Lift Replacement Phase 2
- Lawndale Station Improvements
- Levittown Intermodal Improvements Project
- Locust Street Elevator Improvements
- Market-Frankford Line Platform Extension

- Media/Elwyn Line Timber Tie Replacement
- Midvale Station Roof Replacement
- Multi-Modal Traction Power Substation at 69<sup>th</sup> Street Station
- Paoli Rail Yard Remediation
- Portal Roof Replacement
- R7 Station Improvements
- Railroad Division Control Center
- Secane Railroad Station Project
- Silverliner New Railcar Vehicle Procurement
- Silverliner V Database Conversion Project
- Southern Garage Storage Tank
- Stimulus Master Schedule
- Suburban Station
- Suburban Station Ventilation
- Sump Pumps at York, Callowhill, & Arch St.
- Task Tasker Morris Station
- Timber Tie Replacement
- Trevoise Station Parking Lot
- Trolley Modernization Station Planning
- Upper Darby Transportation Center
- VEEC10B-14 Siemens ACS-64 Locomotive
- Wayne Junction Electrical Upgrades
- Wayne Junction Shop Roof Replacement
- Wayne Junction Substation
- Woodland Shop Trolley Line Fire Suppression System Replacement

*Various Projects/Locations*

### **Tri-County Metropolitan Transportation District of Oregon (TriMet)**

Portland - Milwaukee Light Rail Transit PMO  
*Portland, OR*

### **Washington Metropolitan Area Transit Authority**

Program Management- Capital Improvement Program  
*Washington, DC*