

**Stevens & Associates, Inc.**

**Highway Construction Projects**

**Fact Sheets**

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# Winter St. Bridge – Waltham, MA

MHD Contract No. 36037

## **CONTRACT AWARD**

- General Contractor: Roads Corporation
- Owner: Mass Highway Dept.
- Contract Value: \$19,055,914
- Notice to Proceed: December 13, 2004
- Contract Completion: December 31, 2006



## **CONTRACT DESCRIPTION**

This Massachusetts Highway Department Contract principally consisted of the replacement of the existing 4-lane Winter Street Bridge over Route I-95 in Waltham, MA with a new 7-lane bridge. Due to the requirement that numerous utility lines be relocated prior to the start of construction (including approximately 26,000 pairs of copper phone lines) the construction of the new bridge was constructed in a series of phases. In addition to the construction of the new bridge, the Work also included construction of new collector/distributor roadways as well as all associated utilities and traffic lighting systems. Located to the south of the Bridge was a new soil nail wall that was also to be constructed as a part of this Contract.

# Des Plaines River Bridge/I-355 South Extension Corridor – Chicago, IL

## **CONTRACT AWARD**

- General Contractor: Walsh Construction Co.
- Owner: Illinois State Tollway Authority
- Contract Value: \$124,929,000 (Approximate)
- Notice to Proceed: December 22, 2005
- Contract Completion: October 31, 2007



## **CONTRACT DESCRIPTION**

The scope of work of the Contract included construction of a 1.3 mile bridge that spanned two canals, numerous rail lines, two local roads, the Des Plaines River, a major utility corridor and protected wildlife areas. In order to span those critical areas, Walsh was required to construct 34 piers, 2 bridge abutments, topped by 35 spans; 18 of which were pre-tensioned concrete spans and the remaining 17 were post-tensioned spans. The tallest of the completed spans was approximately 90 feet above the existing grade.

# I-70 Design Build – Indianapolis, IN

## **CONTRACT AWARD**

- General Contractor: Walsh Construction Co.
- Owner: Indiana Dept. of Transportation
- Contract Value: \$175,000,000 (Approximate)
- Notice to Proceed: August 16, 2006
- Contract Completion: June 16, 2008



## **CONTRACT DESCRIPTION**

The scope of work of this project included six miles of roadway reconstruction including widening the interstate to provide additional width at the shoulder. The Work also included widening all 15 sets of bridges that were constructed over local roadways, replacement of the existing bridge decks, and construction of one complete new set of bridges (one for I-70 Eastbound and one for I-70 Westbound) was constructed over Sherman Ave. and the existing CSX Railroad.

# Bradley International Airport – Hartford, CT

CT DOT Contract No's 165-346 & 165-354

## **CONTRACT AWARD**

- General Contractor: M. DeMatteo Construction Co.
- Owner: Connecticut Dept. of Transportation
- Contract Value: \$9,744,164
- Notice to Proceed: April 12, 2001
- Contract Completion: June 6, 2003



## **CONTRACT DESCRIPTION**

This Connecticut DOT Contract principally consisted of demolition of certain areas of the existing airport airside apron pavement, followed by unclassified excavation, installation of new drainage and other site utilities. New airside concrete and asphalt pavement was then installed in the affected areas. The Work also included construction of a new Sally Port Gate with all associated utilities and site restoration.

# Central Artery Tunnel Project Contract C07D2

## I-90 LOGAN AIRPORT INTERCHANGE

### CONTRACT AWARD

- General Contractor: M. DeMatteo/Flatiron
- Contract Value: \$157,968,871.00
- Notice to Proceed: May 28, 1996
- Contract Completion: May 7, 2001



### CONTRACT DESCRIPTION

The Work of this project includes the construction of 1,300 feet of highway varying from two to eight lanes; 8,000 feet of viaduct (bridges); 6,000 feet of open, concrete reinforced depressed roadway (boat section); 9,000 feet of at-grade approach roadways; pedestrian access tunnels, including stairwells; and associated appurtenances which include drainage, lighting, traffic signals, conduits, manholes, signage, pavement markings, site preparation and landscaping.

# Central Artery Tunnel Project Contract C01A6

## I-90 SOUTH BOSTON INTERCHANGE (WEST)

### CONTRACT AWARD

- General Contractor: DeMatteo/Flatiron/Interbeton
- Contract Value: \$179,531,211.00
- Notice to Proceed: July 11, 1997
- Contract Completion: May 19, 2002



### CONTRACT DESCRIPTION

The Work consists of the construction of 1250 feet of reinforced concrete cut and cover tunnel for Interstate 90 including the related tunnel and boat sections, drainage, fire protection, and waterproofing. Other major work includes the critical excavation support at A-Street properties consisting of slurry walls and tieback installation. Additional work includes temporary support of excavation systems, groundwater control including cut-off walls, instrumentation, and utility relocations including sewer, water, gas, telephone and fiber optics communication.

The work also includes surface restoration of approximately 1300 feet of A Street, portions of Wormwood and Binford Streets, the West Surface Road Extension, Mt. Washington Avenue, and the Garage Access Road. The surface road restoration includes bituminous concrete pavement, sidewalks, driveways, drainage, signage and striping.

# Central Artery Tunnel Project Contract C09A4

## I-93/I-90 INTERCHANGE, I-93 NORTHBOUND

### Contract Award

- General Contractor: J. F. White/Slattery/Interbeton/Perini
- Contract Value: \$397,459,140.00
- Notice to Proceed: January 27, 1997
- Contract Completion: January 3, 2003



### CONTRACT DESCRIPTION

The Work includes approximately 130,000 cubic yards of soil improvement by soil-cement mixing and jet grouting between the new Wye Connector railroad bridge and the new Broadway Bridge; improvement to 400 linear feet of the Fort Point Channel, including dredging and erosion protection; 5,600 linear feet of surface roads, 3,700 linear feet of boat sections; 3,000 linear feet of tunnel sections; and 10,000 linear feet of viaducts. Tunnel construction includes cut-and-cover tunnels and the jacking of three tunnels through frozen soil beneath active railroad tracks leading to South Station.

Also included is construction of the new Wye Connector railroad bridge having an overall length of approximately 180 linear feet; demolition of the existing railroad bridge; and construction of temporary surface roads. The Work includes obstruction removal, ramp and bridge construction, utility relocation, signage and signalization, surface drainage systems, street lighting, and street paving.



# Central Artery/Tunnel Project Contract C01A7 - Boston, MA

## D Street Grade Separation

### CONTRACT AWARD

- General Contractor: Roads Corp.
- Contract Value: \$37,727,567
- Notice to Proceed: February 15, 2002
- Contract Completion: October 1, 2005



### CONTRACT DESCRIPTION

The project Work includes the demolition of one bridge and the construction of three new steel bridge structures approximately 115 feet, 140 feet, and 225 feet long respectively, including the associated steel pile and drilled shaft foundations. Two reinforced concrete transition structures (boat sections) were also constructed to accommodate 390 feet of roadway and 850 feet of railway. The project also includes 1560 linear feet of rail construction.

Additionally, the project includes temporary support of excavation, removal and disposal of hazardous excavation materials, instrumentation, a storm water pump station, and utility work including drainage, water, telephone, and electric, as well as street lighting, and landscaping.

# Central Artery Tunnel Project Contract C22A2

I-90/I-93 FURNISH / INSTALL IPCS

## CONTRACT AWARD

- General Contractor: Honeywell Technology Solutions
- Contract Value: Approximately \$160,000,000
- Notice to Proceed: June 10, 1999
- Contract Completion: September 2005



## CONTRACT DESCRIPTION

The "System" and "Services" of this Contract includes the integration, expansion, and functional extension of the existing Central Computer System and communications system. The expanded software, hardware, and communications network incorporated and integrated monitoring and control of the following elements, which were furnished and installed under this Contract:

Central Computer System (CCS)	Facility Control Subsystem
Traffic Surveillance and Control Subsystem	Communications Subsystem
Radio Subsystem	Telephone Subsystem Extensions
Fire Alarm Subsystem	Security Subsystem
Closed Circuit Television (CCTV) Subsystem	MHS Integration
Vehicle to Roadside Communications (VRC) Subsystem	

# Central Artery Tunnel Project Contract C08A1

## I-90 / ROUTE 1A INTERCHANGE

### **CONTRACT AWARD**

- General Contractor: Barletta Heavy Division
- Contract Value: \$204.8M
- Notice to Proceed: April 14, 2000
- Contract Completion: April 8, 2004



### **CONTRACT DESCRIPTION**

The work of Contract C08A1 located at the entrance to Logan Airport involved the construction of numerous roadways of varying widths at-grade, on retained fill, on viaducts and a boat section. Roadways include mainline and connector roads, ramps, a bus-way and several service roads. Also included is construction and demolition of temporary roadways, construction of utilities, signage, roadway lighting, a pump station, modifications to existing steel viaducts, highway landscaping and renovations to Memorial Stadium Park and the construction of the Bremen Street Buffer.

Construction also included a new Airport Station for the MBTA, which consisted of all necessary track, signal and power work, structural, mechanical, and electrical work, custom curtain walls, bus canopies, escalators, and elevators, fare collection equipment, for the inbound and outbound Blue Line train platforms and demolition/removal of the existing MBTA Airport Blue Line Station.