



CA/T Contract 15A2 Chardon Street To Charles River

BOSTON, MASSACHUSETTS

In 1991, after almost a decade of planning, construction began on Boston's Central Artery/Tunnel (CA/T) Project, which removed an elevated highway and created a tunnel system below the city. This tunnel replaced the 6-lane elevated highway built in the 1950s and connected some important areas and highways in the city. The CA/T Project significantly reduced traffic congestion and improved mobility in one of America's oldest and most congested major cities. Cashman completed several Contracts on this Project. Construction of the Chardon Street to Charles River link of I-93 in Boston required building three highway tunnels (2-to-4 lanes wide each) directly below the existing elevated highway. The Cashman team supported the existing structure with major underpinners at 19 highway bents on the CA/T Contract C15A2 for the "Big Dig" in downtown Boston.

PROJECT HIGHLIGHTS

- While maintaining existing daily traffic of +180,000 vehicles overhead, the Cashman team installed ~420,000 square feet of slurry wall and ~2,000 linear feet of multi-barrel tunnel.
- The work was performed beneath the city of Boston and was carefully planned so as to not disturb daily traffic / activities.
- Cashman performed environmental remediation, including upland disposal of contaminated soil and hazardous waste.
- As part of the project's Underground Utility Relocation Program that took place from 1996-1997, Cashman was also responsible for the relocation of three miles of utility lines in Boston and nearby Charlestown.
- The team used the latest applications for preventing damage to Boston's vital subsurface infrastructure.

Location:	Boston, MA
Contractor:	JV: Cashman, Kiewit, Atkinson
Contract Dates:	July 1997 - Oct. 2002
Dollar Value:	\$346 Million
Awarding Authority / Owner:	MassDOT
Project Engineers / Managers:	Bechtel, Parsons, Brinckerhoff

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