

Traffic Re-Routing for Demolition of Cypress Hills Cemetery Bridges Over Jackie Robinson Parkway



Client/Owner: New York City Dept. of Transportation

Project Location: Queens, NY

This fast-paced project involved the development of alternative detours for re-routing traffic during the removal of the two Cypress Hills Cemetery bridges over the Jackie Robinson Parkway. These bridge removals required the temporary closure of the Jackie Robinson Parkway and the preparation of associated traffic detour plans, as well as the design of the maintenance and protection of traffic (MPT) schemes, including all signs, control devices and VMS's required within the project limits for the approved detours.

Project deliverables included numerous graphical plans including detour management plans, VMS photo location plans, detailed MPT signing plans, and sign data sheets. GPI was also responsible for the development of a PowerPoint presentation for elected officials and several community boards. This traffic engineering effort was prepared in an eight-week period and the final MPT plans included over 50 traffic enforcement agent posts, 43 VMS locations and over 750 MPT sign panels. This highly successful plan employed multiple passive but aggressively devised detours to encourage motorists to avoid the construction zone and comply with the detour routing. Multiple alternate routes were identified and detour "pain" was balanced by a combination of closures, detour routes, turn restrictions and parking restrictions. The project involved significant coordination with NYCDOT, OCMC, Borough Commissioners, Emergency Services and Public Outreach. As an extension of this coordination effort, GPI maintained a constant field presence during the weekend of the parkway closure and detours, in order to monitor the MPT schemes and recommend any necessary adjustments.