

adapt the project's design to accommodate each school's needs.

For each school, there are a number of factors that must be considered in the project design.

These include:

- school bus traffic
- crosswalks
- school yard fencing
- parking
- landscaping
- noise attenuation (i.e., insulated windows, soundwalls)
- other safety improvement
- relocation of affected structures, as necessary
- affects on potential school expansion

In the case of new school site development, the Town Planning Master Plan and Town Planning staff shall be consulted to identify these sites within and/or adjacent to the project limits.

As with all other adjacent property improvements, the Consultant is required to provide plans which can be used to construct the necessary improvements either in conjunction with the roadway/bridge project or as a separate project. This is intended so that construction can be undertaken on the school sites during scheduled school closures.

202.02.05 Mosques

Mosques are extremely important to the Islamic faith and cannot be relocated or impacted in any way. The Consultant shall identify all Mosques within close proximity to a proposed project. The project design shall avoid impact to Mosques and shall accommodate and preserve sufficient access to these sites.

202.02.06 Utilities

Major road and bridge projects typically include improvements to all affected utility services. This also includes preparing plans and specifications for these improvements. Pre-design activities require coordination with many agencies/departments. Final design approval of the utility improvements by the utility agencies is also required. The Utilities Section of the Town Planning Department is responsible for

establishment and approval of all Service Reservations.

Table 200.04 lists the Responsible Agencies/Authorities for Utilities. A survey of existing utilities is required. The purpose of the utilities survey is to determine which utilities can:

- remain in place based on field surveys, as-built plans and other available information;
- be protected and/or relocated; and,
- affect the horizontal and vertical alignment of the roadway.

In the case of future or relocated utilities, it may be necessary to preserve adjacent land for utility installation and relocation. The associated costs for utility work shall be identified as part of the design reflected in the project cost estimate for the Design Concept Report. Refer to Part 1, Section 321, Cost Estimate.

<i>Table 200.04</i> Responsible Agency/Authority for Utilities	
Service	Agency/ Authority
Water	ADM-WED Water (Water and Electricity Dept.)
Sewer	ADM-Sanitary Drainage Network Section
Telephone	ETISILAT
Electricity	ADM-WED Electrical (Water and Electricity Department.)
Lighting	ADM-WED (Water and Electricity Department)

202.02.07 Security

Nearly every project is affected by some level of security issue. All embassies, government installations, palaces, schools, banks and VIP homes are protected by guards with guardhouses, and associated channeling devices. As a result, many of these facilities interfere with road and bridge projects.

The Consultant is required to minimize the relocation of affected facilities as part of the road and bridge project. As with all other adjacent property improvements, the Consultant is required to provide plans which can be used to construct the necessary improvements either in conjunction