

APPENDIX 12.3

HIGHWAY DESIGN ASSUMPTIONS

- A12.3.1 Lighting : The Project would be lit by column mounted lighting situated at the back of the highway verge. The columns would be up to 15 m high and are generally at 30cm centres. The lighting unit would have 'cut off' capability to focus illumination onto the carriageways and reduce light spillage.
- A12.3.2 Toll Booths : It is assumed that the same type of toll booth arrangement as found at the M6 Toll would be constructed. The booths would be covered by an architecturally designed canopy which would provide a clearance of not less than 5.7m above the carriageway. The canopy would have a construction depth of the order of 1.5m.
- A12.3.3 Acoustic Barriers : the acoustic barriers would be 2.4m high vertical timber panels deployed only along the carriageways of the Expressway Corridor.
- A12.3.4 Wind Shielding : Wind shielding on the New Bridge would be transparent and permit travellers to have views over the surrounding landscape.