



## DOUBLE TEE WALL

### INTRODUCTION

The Banagher Precast Concrete Limited Double Tee Wall is a precast concrete modular wall system which can be used as a retaining wall, bridge abutment or wing wall. As the units are designed on a job by job basis, the System can be tailored to suit the specific requirements of each customer or contract. The Double Tee Wall System provides a faster and more cost effective alternative to cast insitu walls or abutments.

#### Advantages:

- Better Quality as units are cast under factory conditions
- More cost effective solution
- Reduced contract programmes due to speed of erection
- Can reduce span/depth of bridge deck compared to traditional reinforced earth
- Range of finishes available



» The bridge design is based on the guidance given in BA42/96 and the Prestressed Concrete Association Guide Document – 'Integral Abutments for Prestressed Beam Bridges' by B A Nicholson. The design philosophy for the bridge follows Clause 1.5 of BA 42/96 which permits design of the bridge as a buried structure in accordance with BD 31/01 (DMRB 2.2.12) by specifying cover of at least 200mm on the deck.