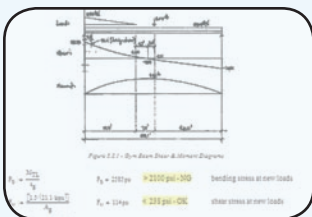


Project Brief

Miami International Airport
Beam Strengthening



USA
 Spring 2006



Three beams at the Miami International Airport were deficient both in shear and flexure capacity from new proposed loading. Tight working areas and a time-constrained project made an FRP solution a viable alternative.

The first three layers of the Tyfo® SCH System were applied to the underside of the beams oriented longitudinally to provide the additional flexural capacity. Then one layer of the Tyfo® SCH system was applied in a U-shape fashion with the primary fiber orientation running perpendicular to the beam axis to supply the additional shear capacity.

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