

# Case Study Title: South Corridor bridge strengthening in Panama City,

**Location:** Panama

**General assessment:** The bent caps are 5-feet deep and 5-feet wide. The highway includes 6 lanes across. Each bent cap is supported by four columns, 48 inches in diameter and exposed between 6 and 15 ft above the seabed

**Problem:** south corridor is exhibiting signs of corrosion in columns, bent caps and girders

**Solution:** the columns and the bent caps, where GFRP reinforcement was used.

**Ref:** iw-gfrpcs2-casestudypapers.pdf

