



# Materials Engineering Existing Construction

[www.tourneyconsulting.com](http://www.tourneyconsulting.com)

**TCG are worldwide service life experts.**

**TCG** provides concrete materials expertise to government agencies, design-build teams, design professionals, and owners interested in obtaining extended concrete durability and cost-effective restoration projects. One of the best examples of "Sustainability" is in the proper protection and repair of existing concrete structures. Our unique combination of concrete materials expertise and in-house laboratory capabilities are ready to assist you in a variety of evaluation, protection, and repair areas:

### TCG Engineering Services for Existing Structures:

- Condition assessments
- Corrosion investigations
- Material sampling and testing services
- Root cause analysis
- Concrete repair material evaluation
- Corrosion mitigation design and material selection
- Cathodic protection designs
- Cathodic protection commissioning
- Asset management support
- Forensic investigations

Today's owners need to extract additional life out of existing structures. TCG's staff is uniquely qualified to provide materials engineering services to help owners, design teams, and contractors faced with durability challenges.

**Put TCG to work for you!**



*Parking*



*Marine*



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*Buildings*

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***Confident structure protection and repairs with TCG engineering.***

*Specialized Durability Analysis and Design*

