

# STRESSING OF ANCHORS IN REBAR CONCRETE PANELS

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6 July 2012

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# Project Proposal

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- Research the response of specifically measured rebar, concrete panels with anchors under tensile loads
- Figure out the possible maximum load due to anchors' placements inside the panels

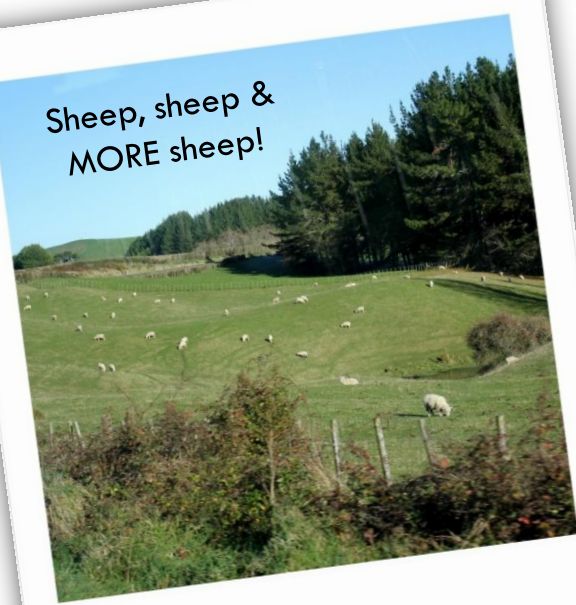
# Week's Progress

- Research past retrofit work that has been done on anchors
  - ▣ *Performance of Church During the Darfield Earthquake of September 4, 2010* by Henri P. Gavin
    - Some of the repairs, for more recently built churches, consisted of post-installed anchors
  - ▣ *Application of Post-Installed Anchors for Seismic Retrofit of RC Beam-Column Joints: Design Method* by G. Genesio, R. Eligehausen & S. Pampanin
    - Helping to improve the seismic response of beam-column connections by proposing to use post-installed anchors

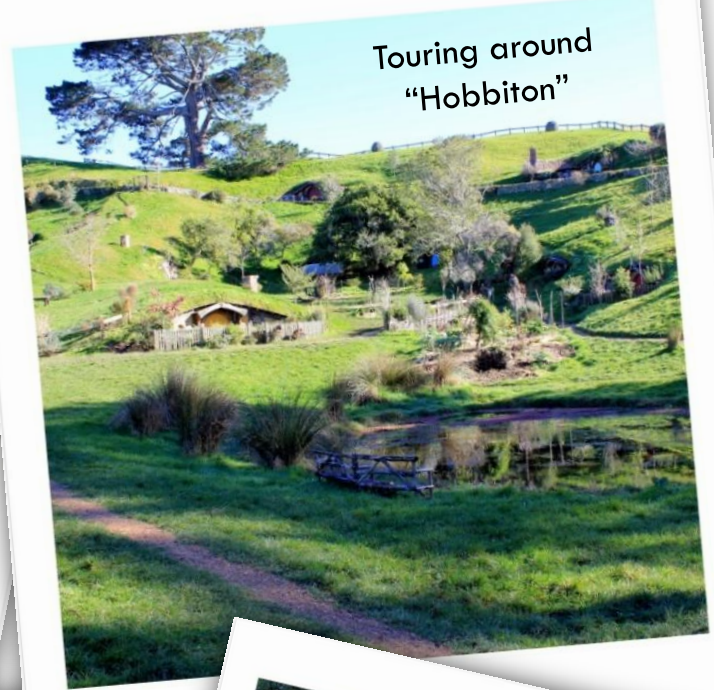
# Goals

- Collect data from the tests we conduct with anchors from various structures
  - Use the remains of structures to test the anchors installed in them and observe their responses
  - Test and examine the response of post-installed anchors
    - Observe the benefits and ill effects of the post-installation of anchors in certain materials

Sheep, sheep &  
MORE sheep!



Touring around  
"Hobbiton"



Hiking to

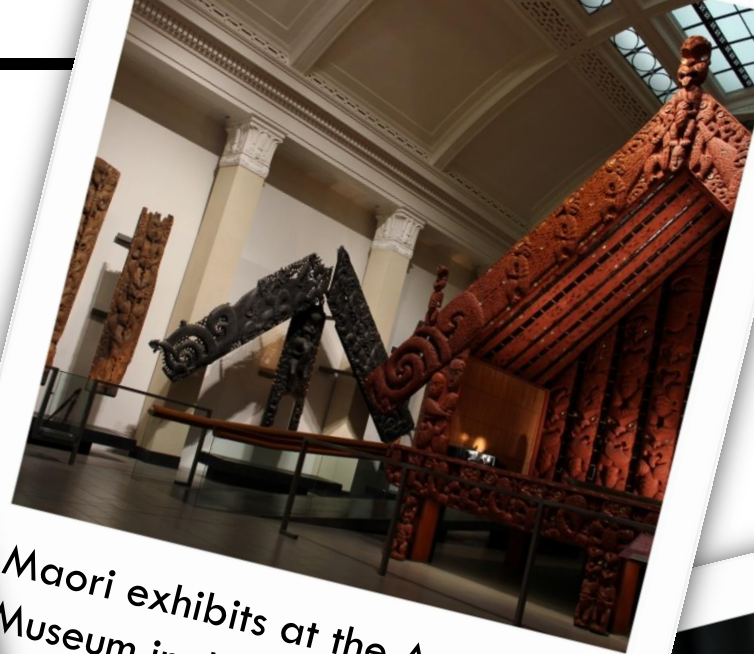
Wairere Falls







Famous L&P drink of New Zealand along with Mexican tacos found hidden in Auckland



Maori exhibits at the Auckland Museum in the Domain



Spotted some kiwi birds at the Auckland Museum



Super delicious chocolate log snack before the hike