

INTEGRITY TESTING LTD.



- ▣ We are Integrity Testing
- ▣ Experts in measurement of excess capacity of existing structures and foundations
- ▣ Operating in UK and Australia

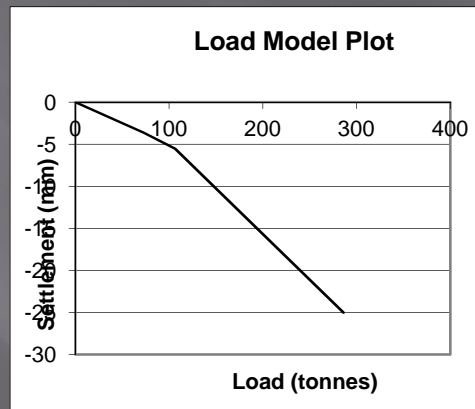
Cut Out The Guesswork Foundations

- ▣ We use our own NDT tools to evaluate and reverse engineer existing structures
- ▣ For insitu foundations we use our [Mod-Shock™](#)
- ▣ It is a Non Destructive test.
- ▣ Gives the serviceability of the complete pile.
- ▣ Gives the precise location of any defects.
- ▣ Gives a Safe Additional load that the pile can carry in its present location and condition.
- ▣ Studies have demonstrated that the Mod-Shock™ identifies the defective piles. It also directs the inspectors to where the pile is defective.

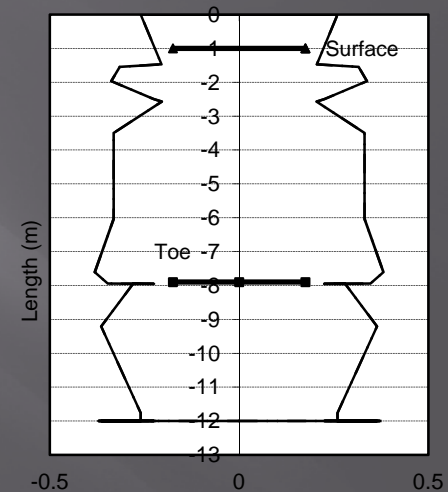
Transmission Tower structures Foundations



Simple one man operation
with on site analysis



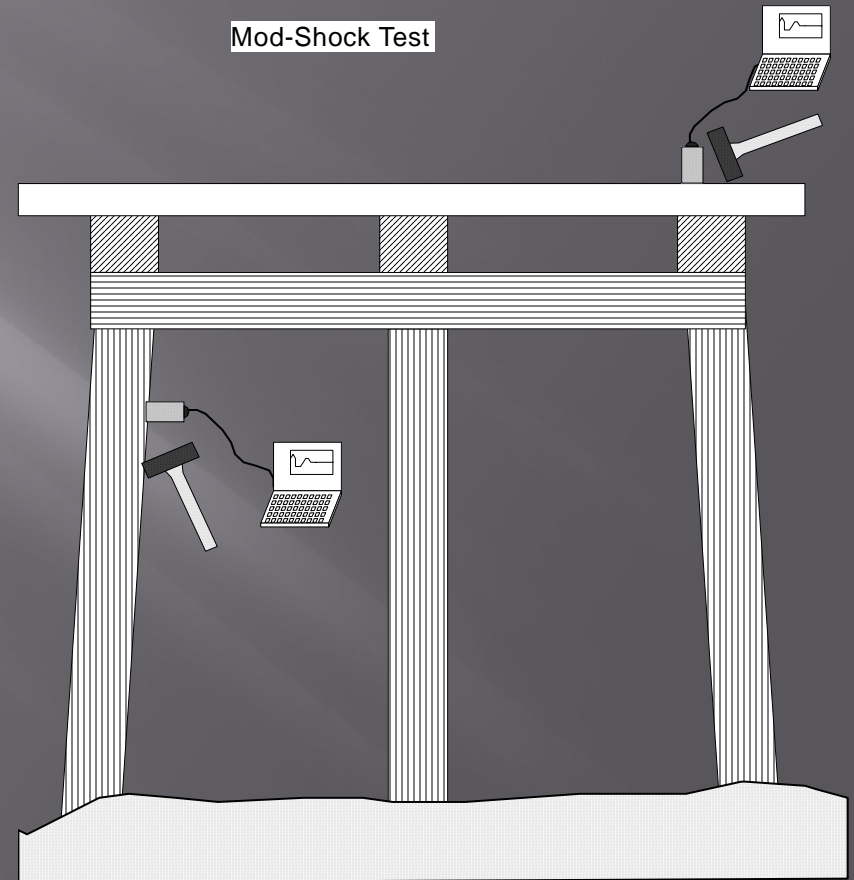
Mod-Shock™
will give a
picture of what
supports the
superstructure



And load capacity
measurement

[Mod-shock Correlations](#)

On site data collection Mod-Shock™



Pole or pile Testing-Method Mod-Shock™

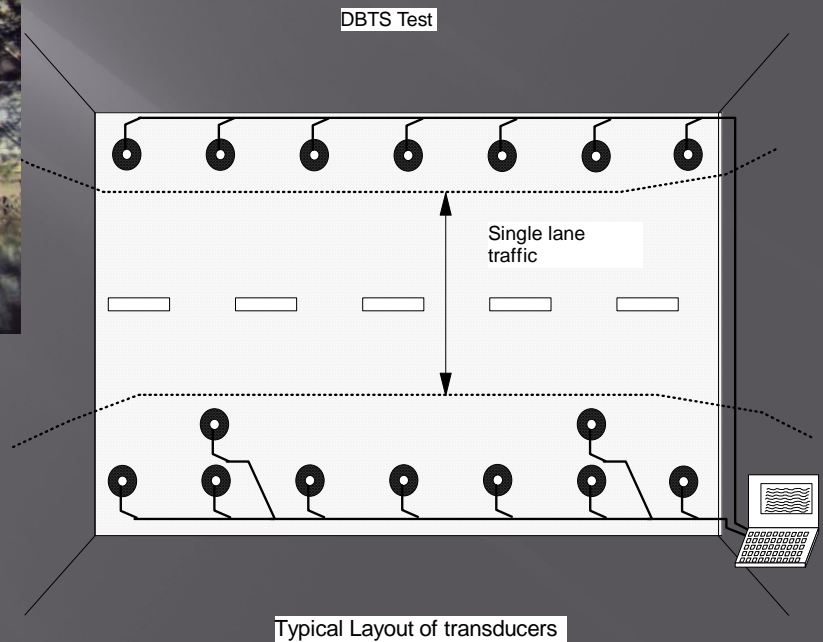
- ❑ Excite Pole/pile by using striking with a suitable hammer.
- ❑ Record response in laptop computer and analyse.
- ❑ Analysis using established parameters yields results on pole/pile length, buried depth, defects and load capacity
- ❑ [Mod-Shock™ Pole](#)
- ❑ [Pole Testing](#)



Cut Out The Guesswork Superstructures

- ▣ Our own NDT tools evaluate existing structures and we reverse engineer from this
- ▣ We use our DBTS™ for bridge and building floors and decks
- ▣ It is a Non Destructive test.
- ▣ Gives the serviceability of the complete deck.
- ▣ Gives the precise location of any defects, fixity and structural stiffness of the deck.
- ▣ Gives the serviceable load that the deck can carry in its present location and condition.
- ▣ DBTS™ is up to 5 orders of magnitude than static load testing.

On site data collection DBTS™



Accuracy using Mod-Shock™ and DBTS™

- ▣ Always the question do the systems work.
- ▣ Short answer yes.
- ▣ Over 1m piles tested and proven load test correlations Mod-Shock™ and client savings confirmed at over £20m
- ▣ 30 Kms of bridge deck tested; over 1000 bridges load rated; 40m rail passengers crossing our tested rail structures annually
- ▣ 25 years experience of excess capacity evaluation

Integrity Testing Pty Ltd

Integrity Testing Ltd

- ▣ Contacts.
- ▣ Australia +61 3 54440782 or +61 409 233984
- ▣ info@integritytesting.com.au.
- ▣ UK Tel +44 7951 508 365
- ▣ info@integritytesting.com.au.

- ▣ Postal address:-
- ▣ PO BOX 1299, Bendigo, Vic 3552. Australia.
- ▣ 30 Greenacre Rd, Copthorne, Shewsbury, SY3 8LR
- ▣ Web Site. <http://www.integritytesting.com.au>.