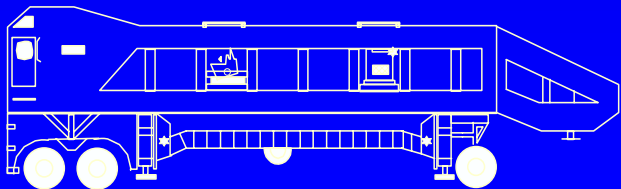


Establishment and operation of LTPP sections in conjunction with APT sections

David Jones

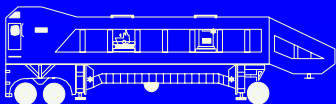


*You cannot have a
baby in one
month by
impregnating nine
women*

Summary

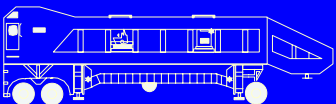


- Background
- LTPP in South Africa
- LTPP in the USA
- LTPP elsewhere
- Way forward



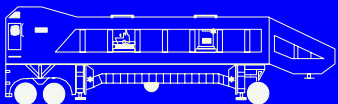
Background

- History of LTPP
- Holistic studies
 - Linking lab, APT and LTPP
 - Financial implications
- Implications
 - Data collection
 - Protocols



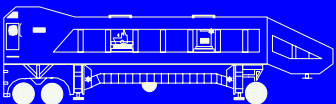
Background

Parameter	Lab	APT	LTPP	PMS
Materials	Yes	Yes	Yes	Yes
Stress regimes	Yes	Yes	L	L
Distress mechanisms	L	Yes	L	L
Geometry/system	No	Yes	Yes	Yes
Environment	C	C	Yes	Yes
Traffic	No	No	Yes	Yes



South Africa

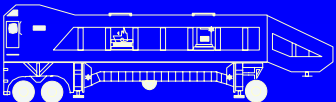
- Protocol
- Establishment
 - 3 sections
 - ETB and ETB-FB
- Monitoring
 - Visual
 - Profile
 - Deflection
 - Environmental and traffic
 - Density and DCP
- Analysis



USA

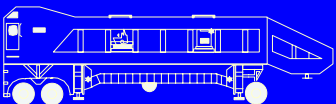
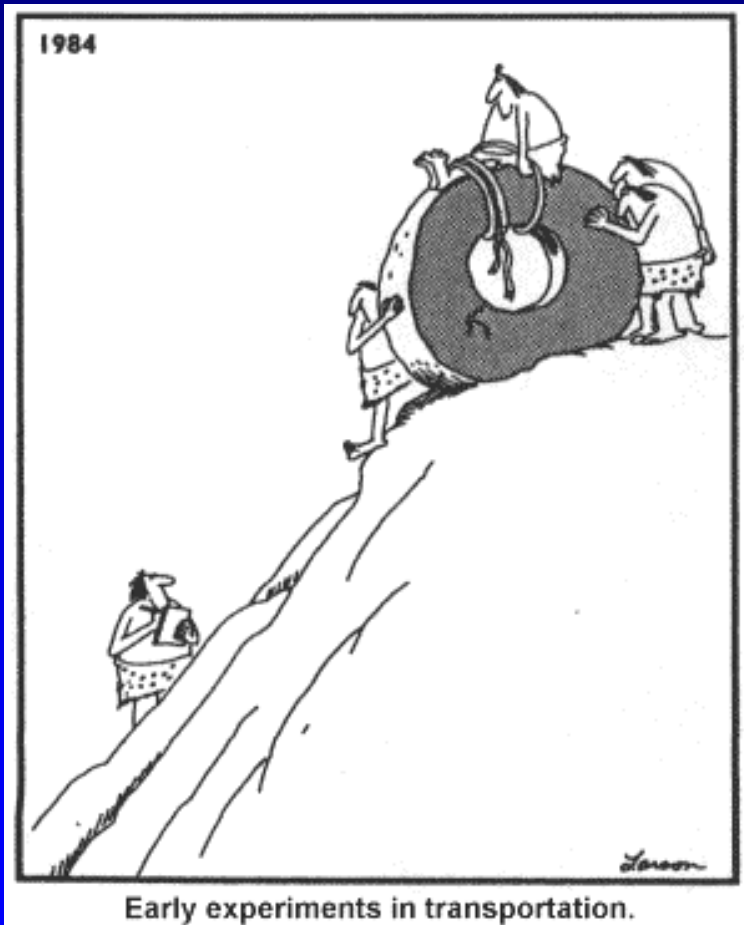


- TRB initiative
 - Supplement LTPP
 - Funding
- NCHRP study
- State initiatives
 - Ohio
 - California
 - Other
- Pooled fund study
- Watch this space



Elsewhere

- Australia
- Other?



Way forward

- Sustainable funding and interest
- USA ?
- Other countries ?

