Fig. 7.1. Different interface inclinations
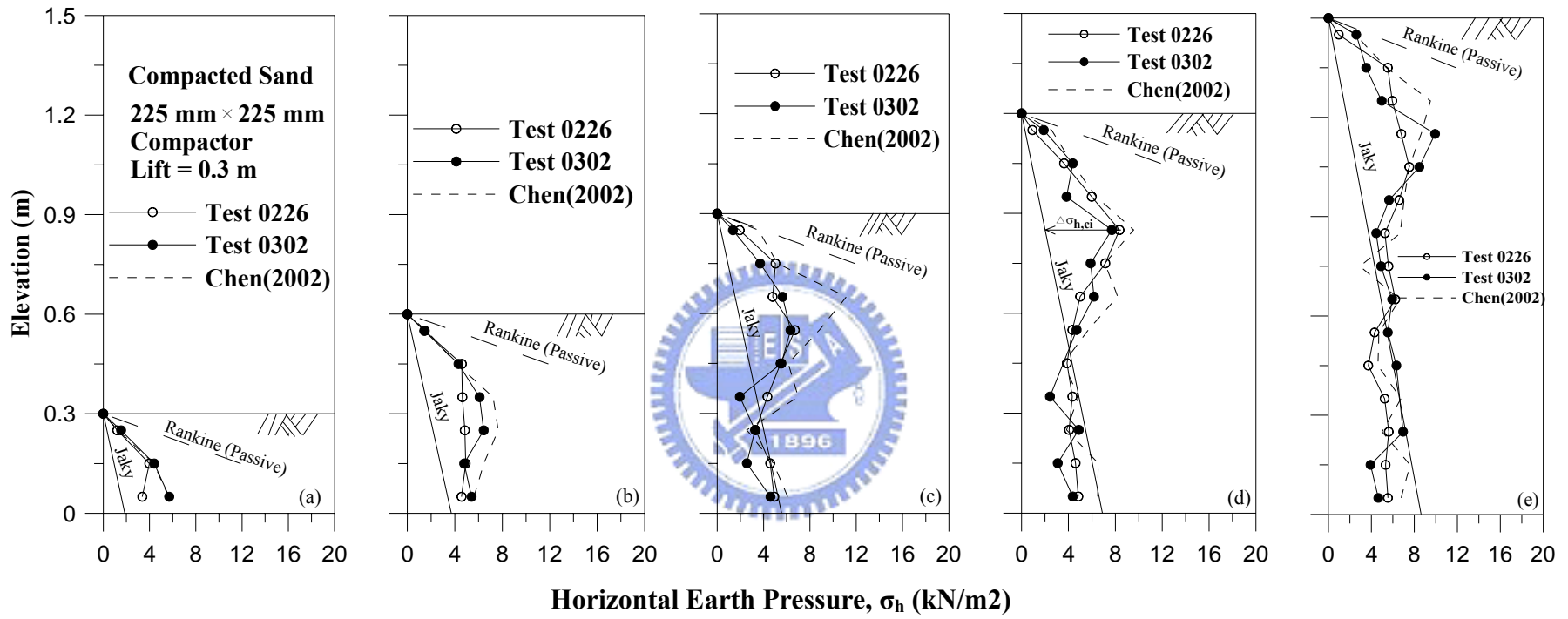
Fig. 7.2. Distribution of lateral earth pressure at $\alpha = 0^{\circ}$ for sand compacted with a square compactor
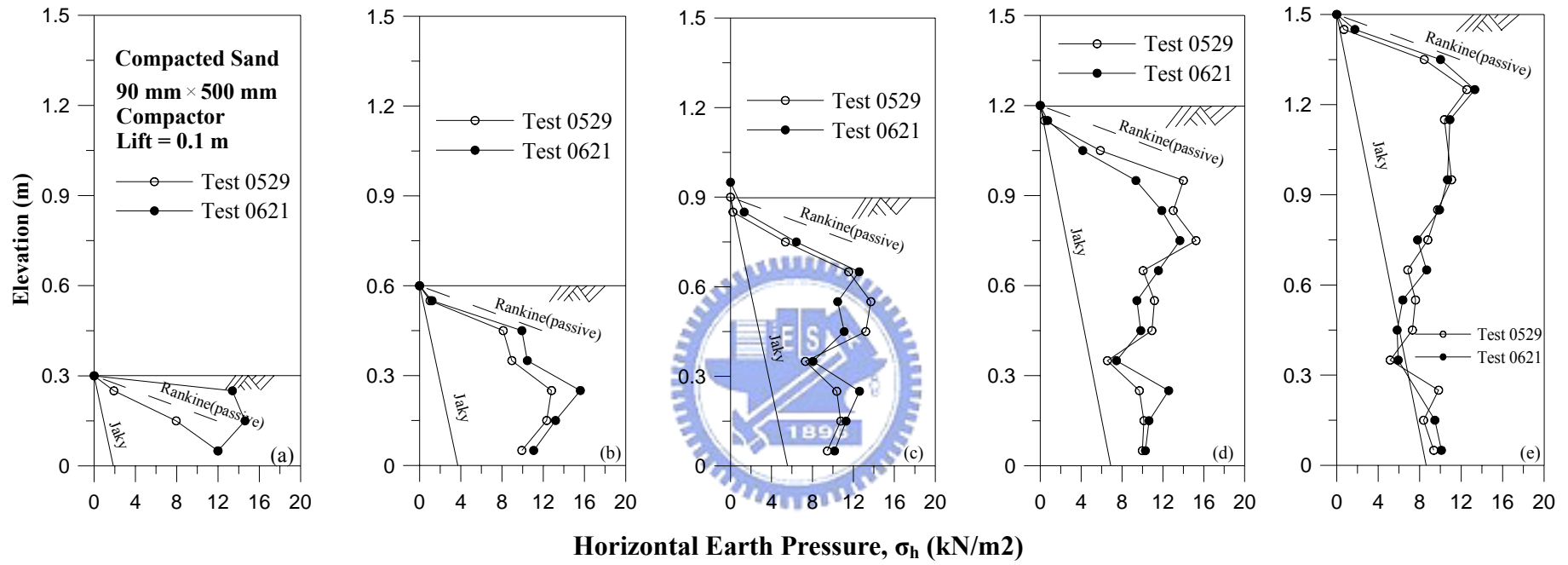
Fig. 7.3. Distribution of lateral earth pressure at $\alpha = 0^{\circ}$ for sand compacted with strip compactor
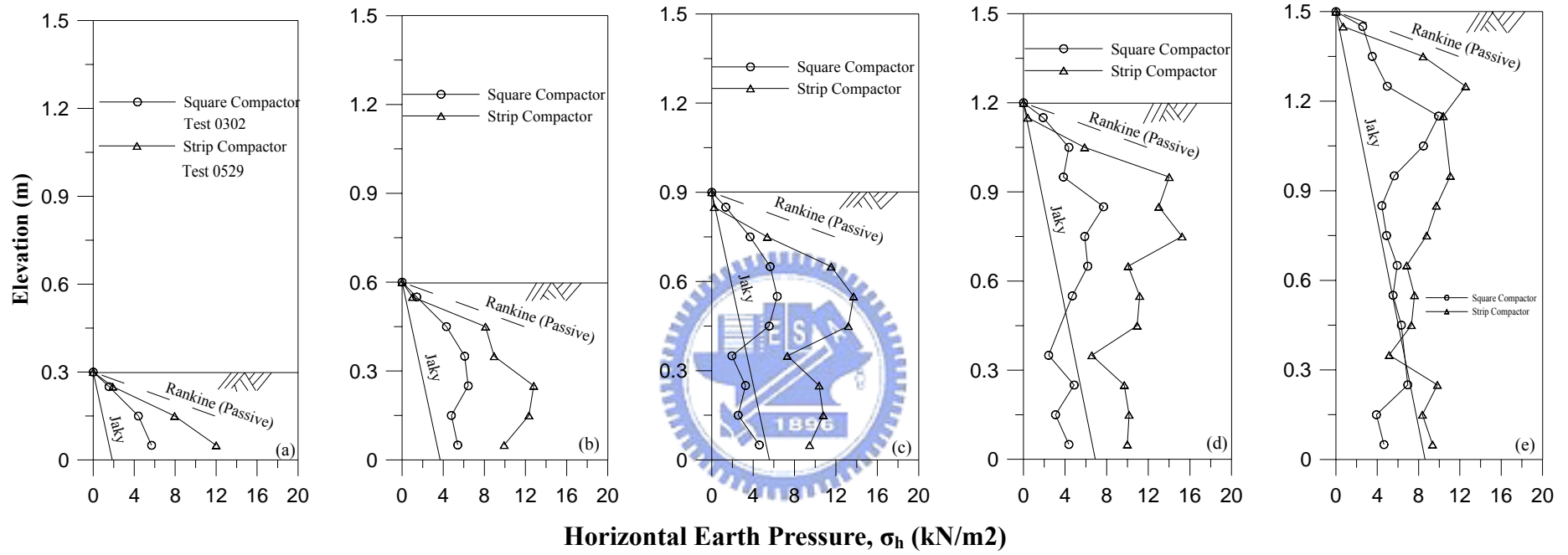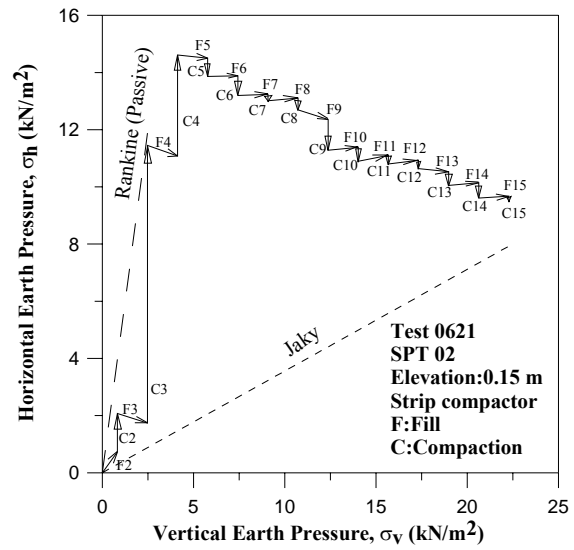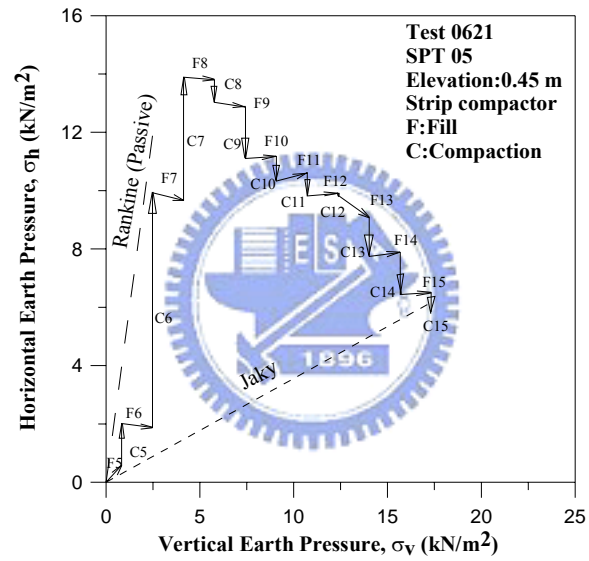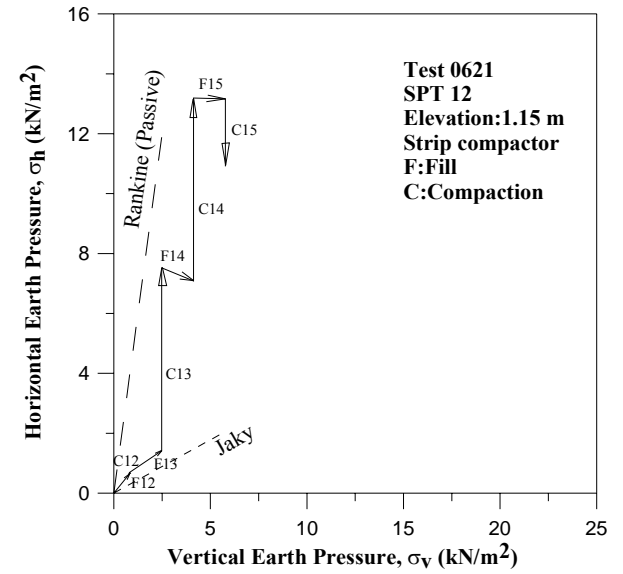
145

Fig. 7.4. Comparison of lateral earth pressure at $\alpha = 0^{\circ}$ for compacted sand
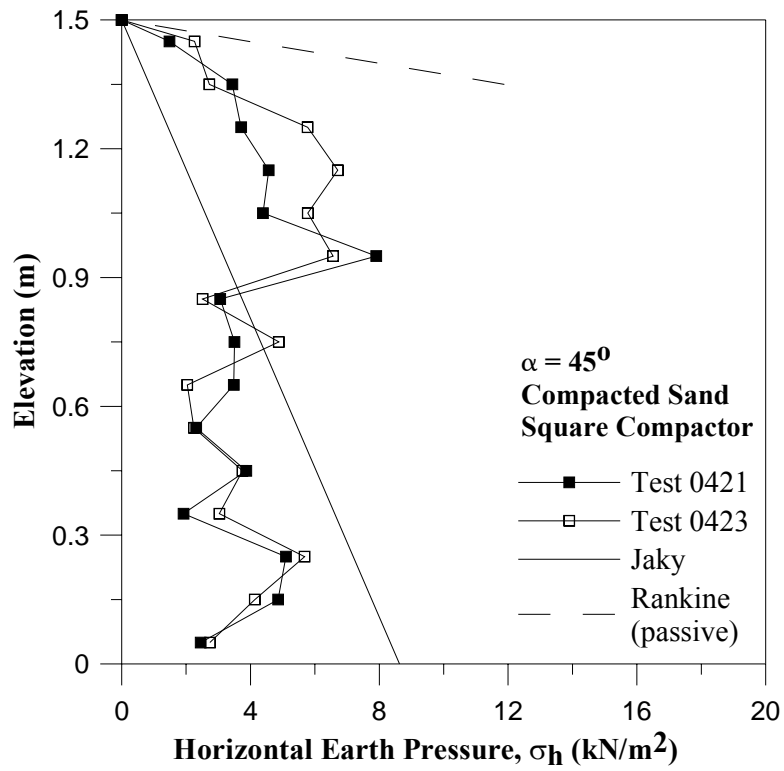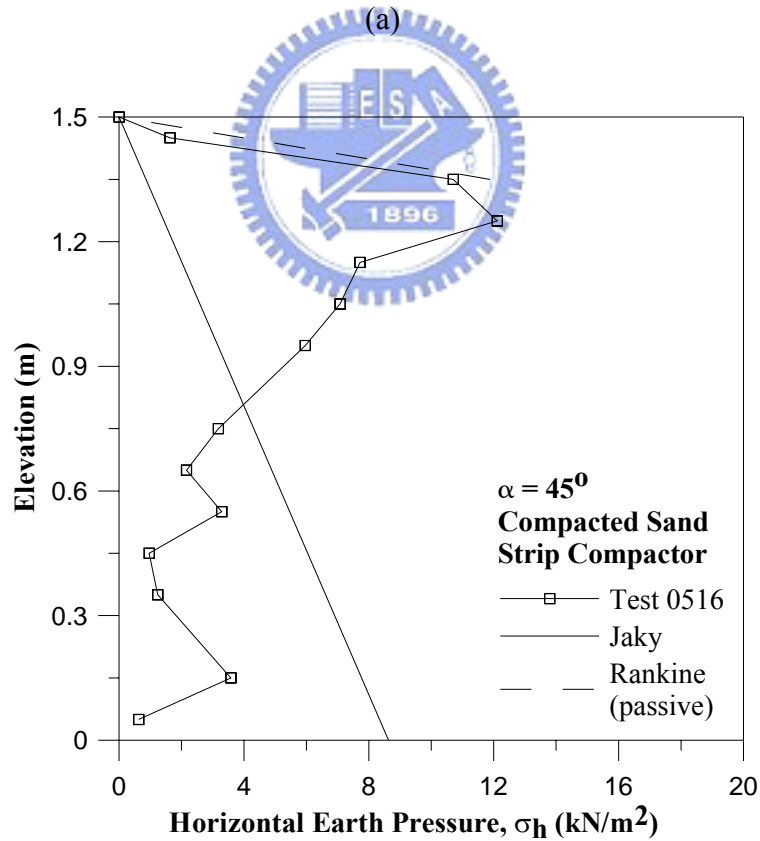
146

(a)

(b)
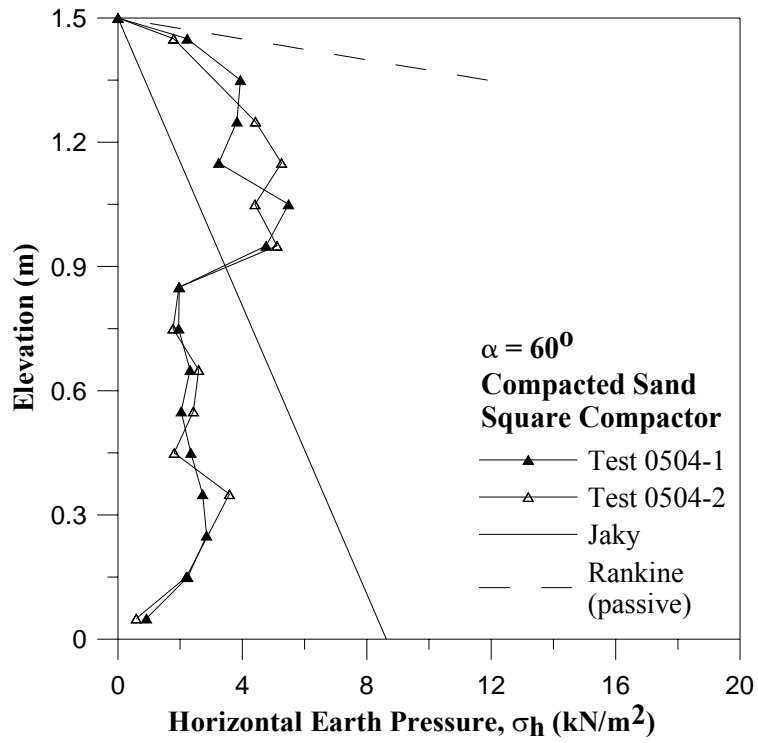
(c)

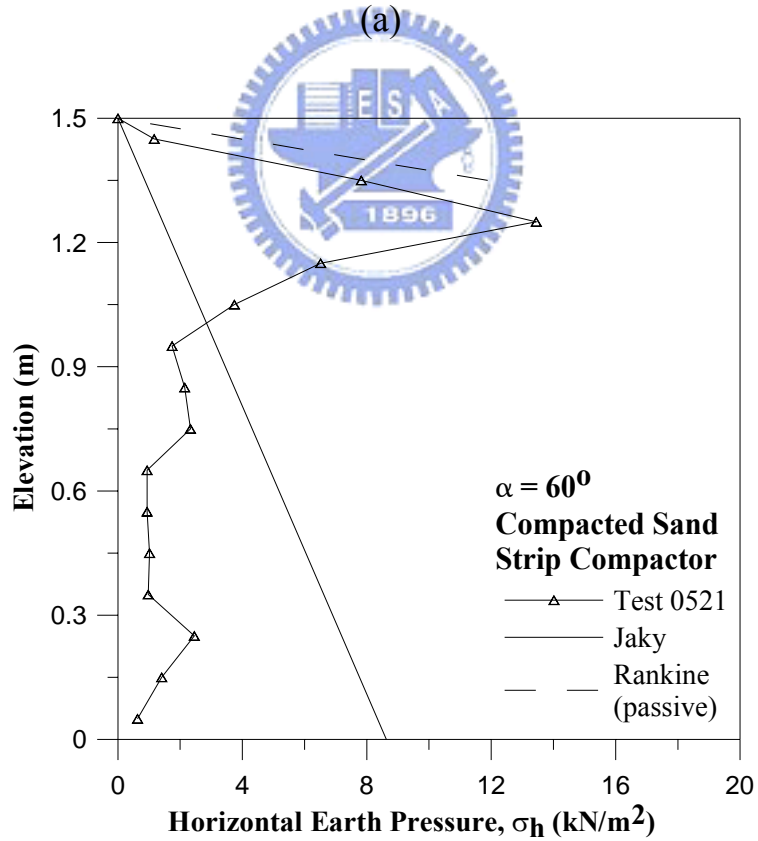Fig. 7.5. Stress path of a soil element under compaction

147

(a)

(b)

Fig. 7.6. Distribution of lateral earth pressure at α = 45°
for compacted sand

(a)

(b)

Fig. 7.7. Distribution of lateral earth pressure at $\alpha = 60^{o}$
for compacted sand

149
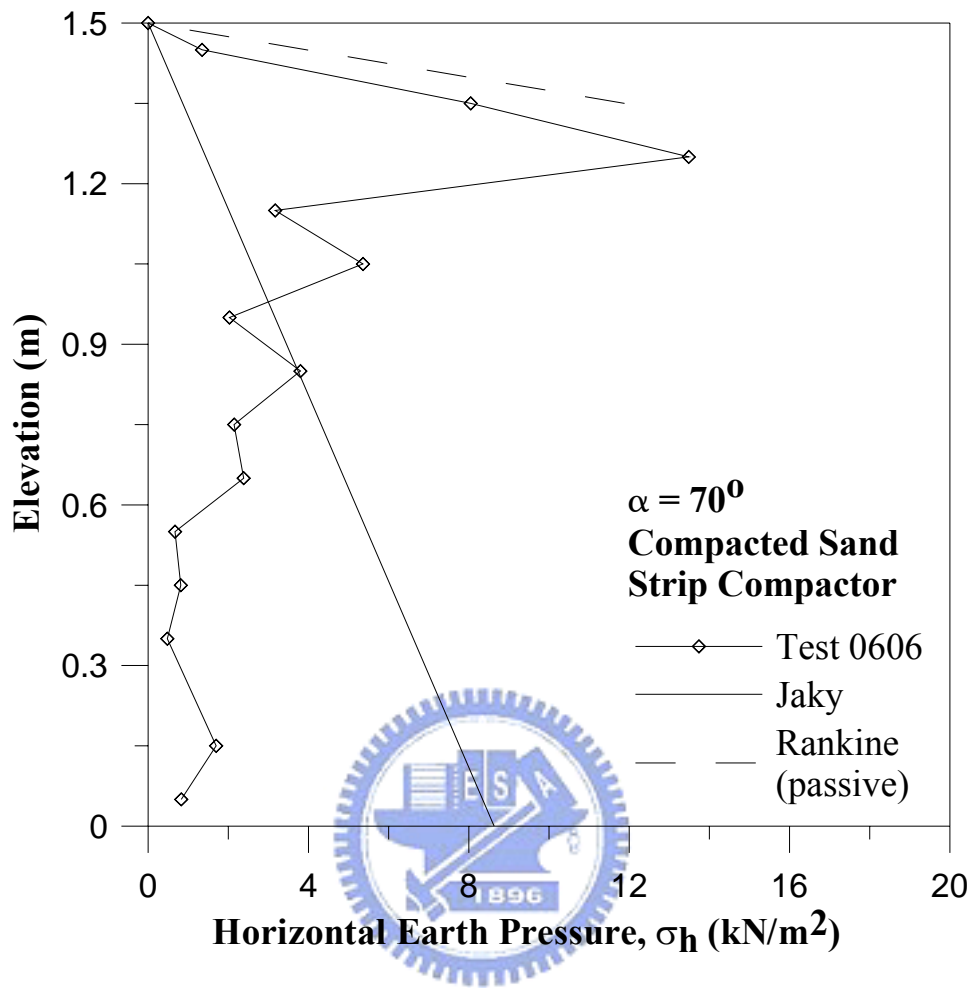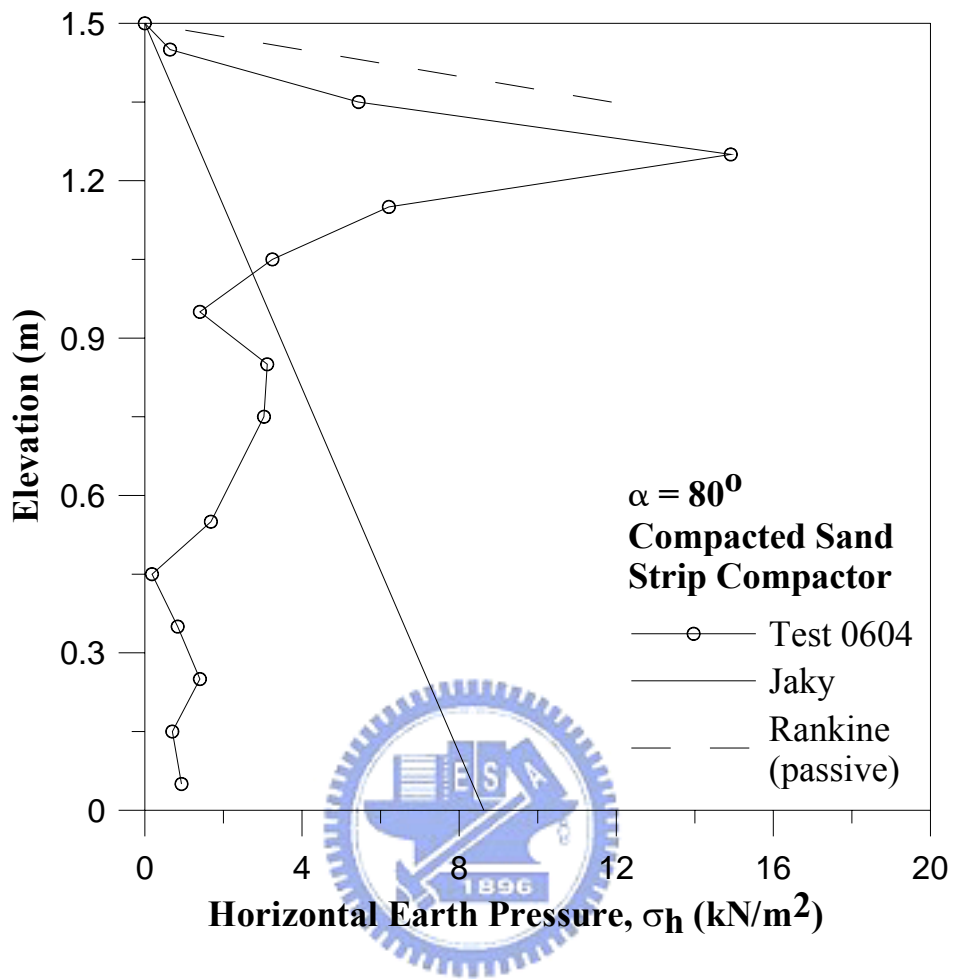
Fig. 7.8. Distribution of lateral earth pressure at $\alpha = 70^{\circ}$
for compacted sand

Fig. 7.9. Distribution of lateral earth pressure at α = 80° for compacted sand
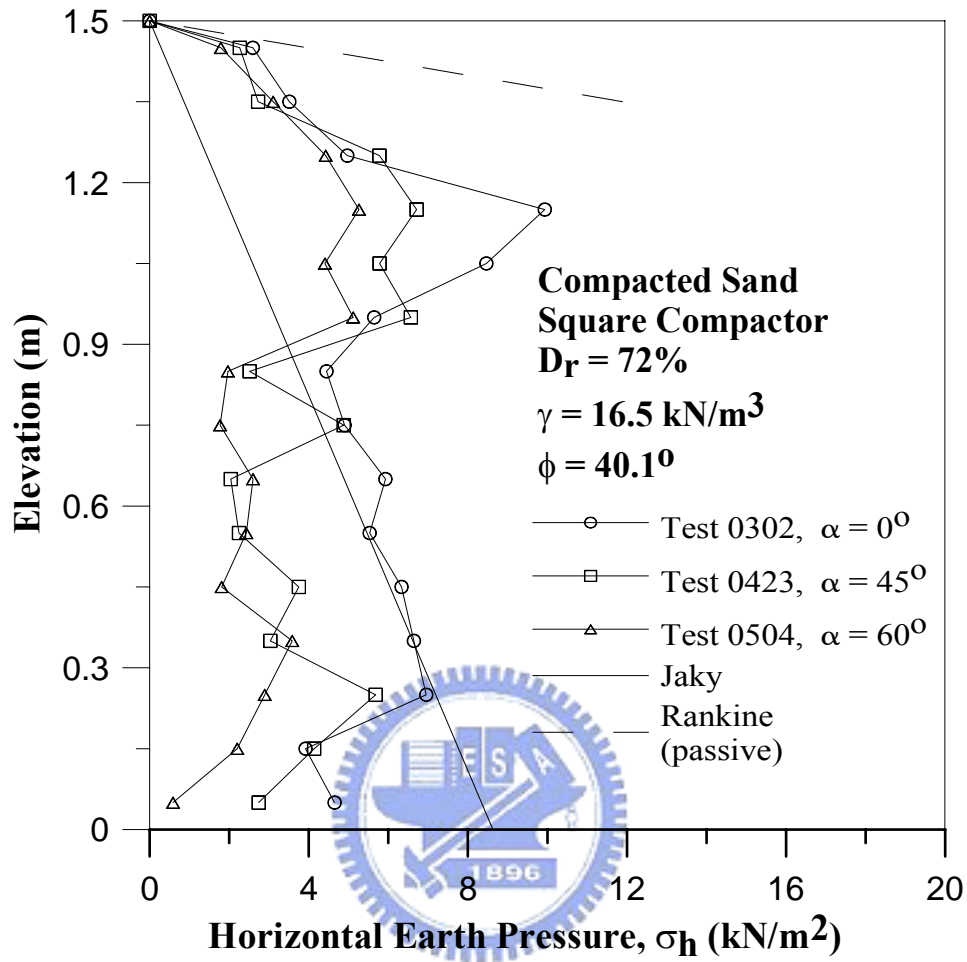
Fig. 7.10. Distribution of lateral earth pressure at various α
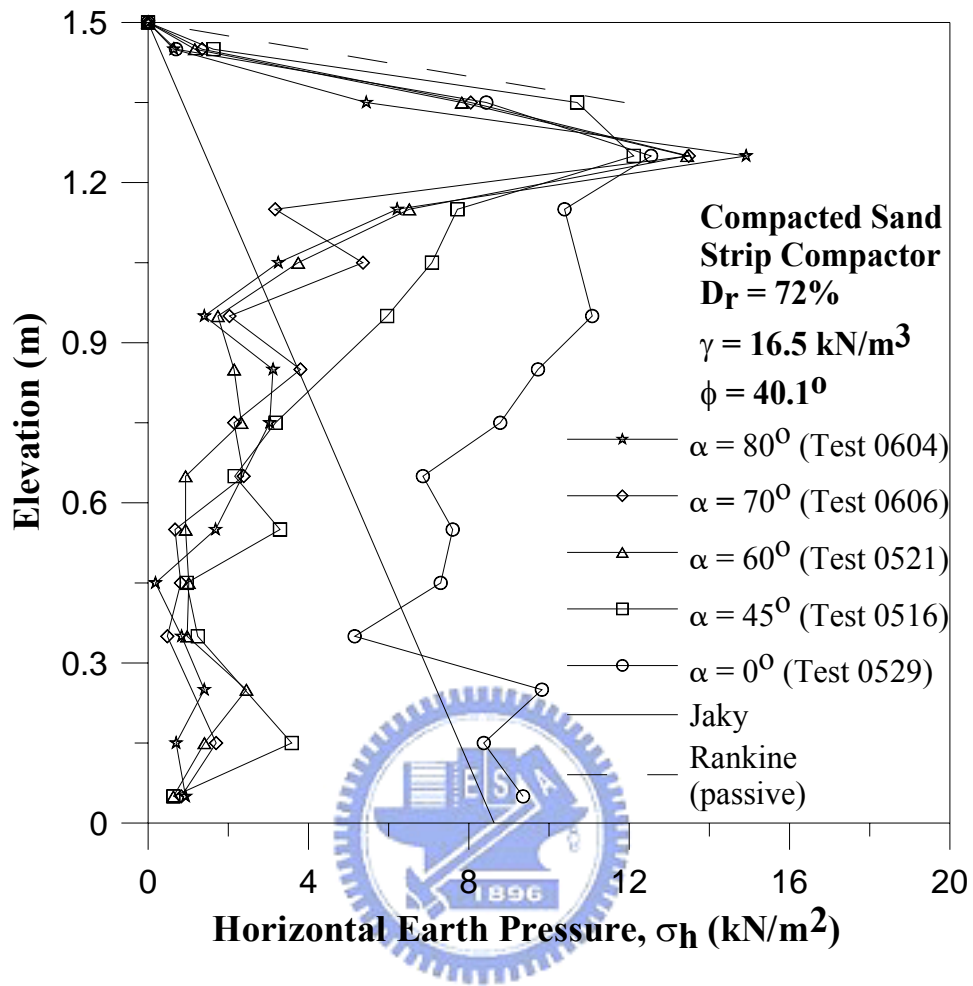for sand compacted with square compactor

Fig. 7.11. Distribution of lateral earth pressure at various α
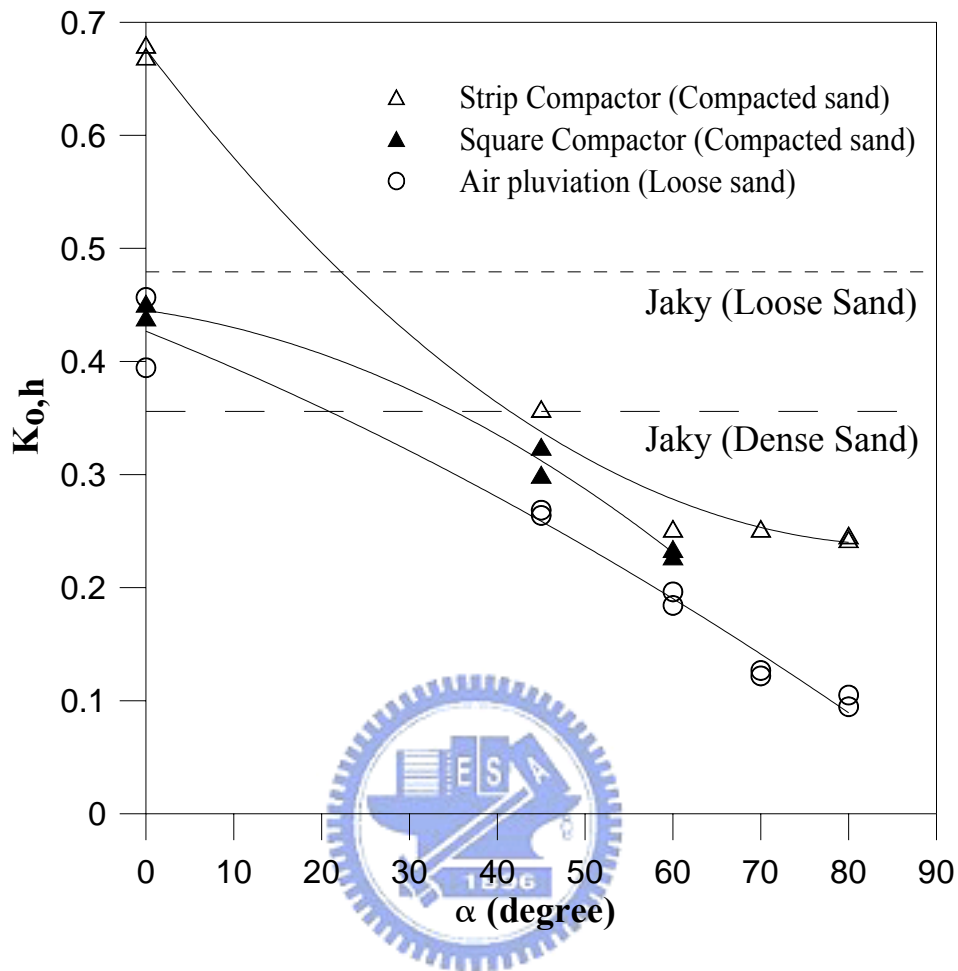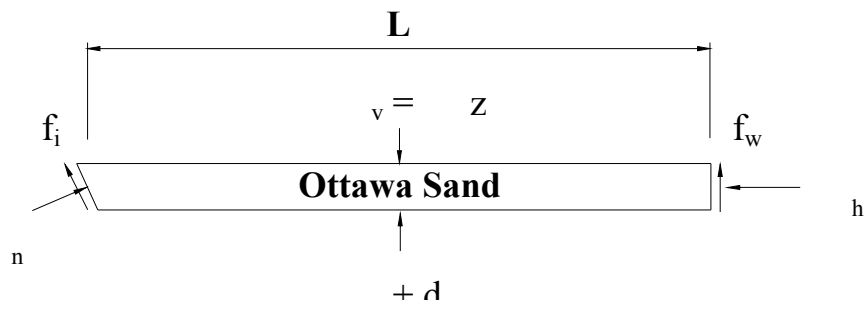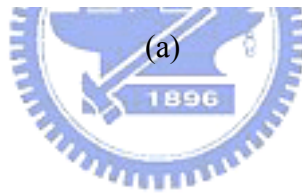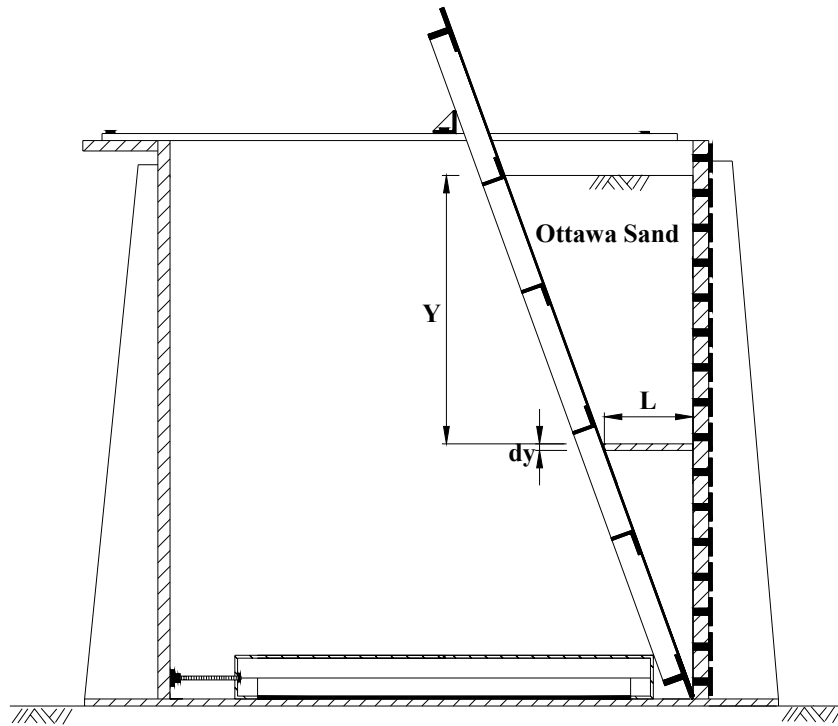for sand compacted with strip compactor

Fig. 7.12 Variation of $K_{o,h}$ at various α

154

(a)

(b)

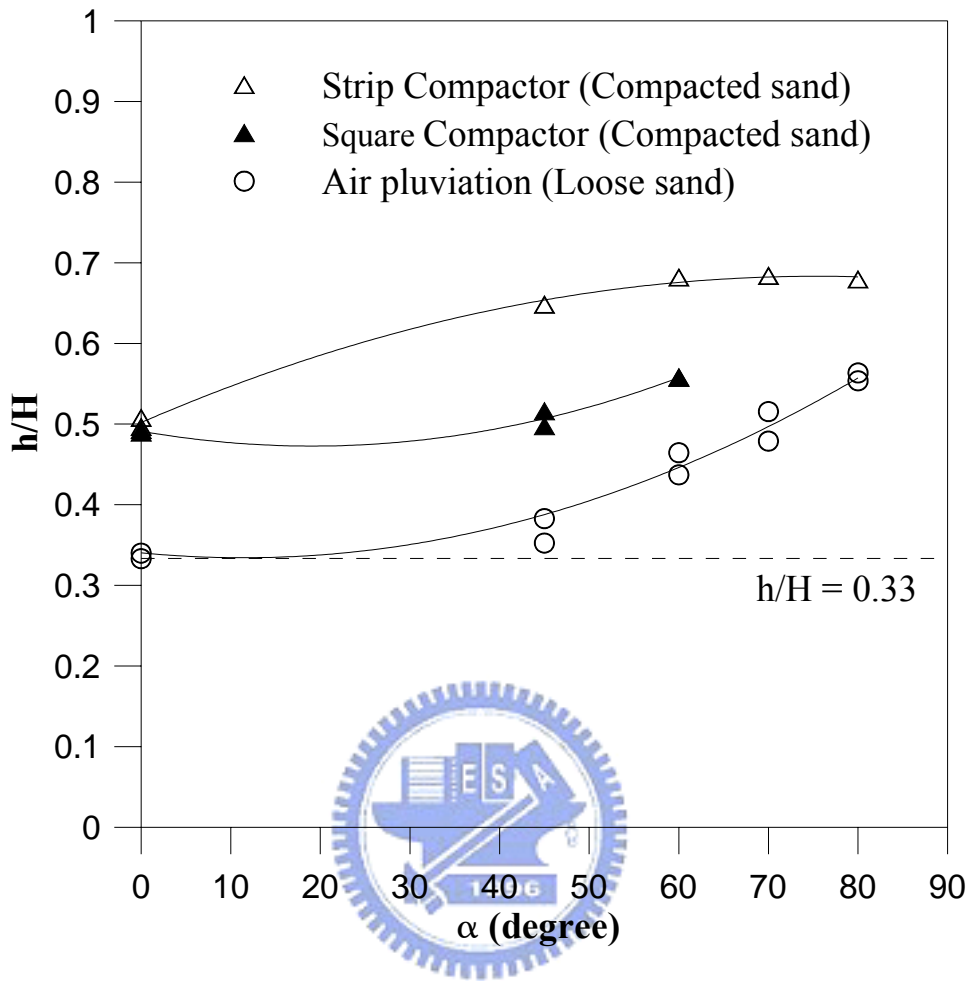Fig. 7.13   Horizontal lamina of Ottawa sand
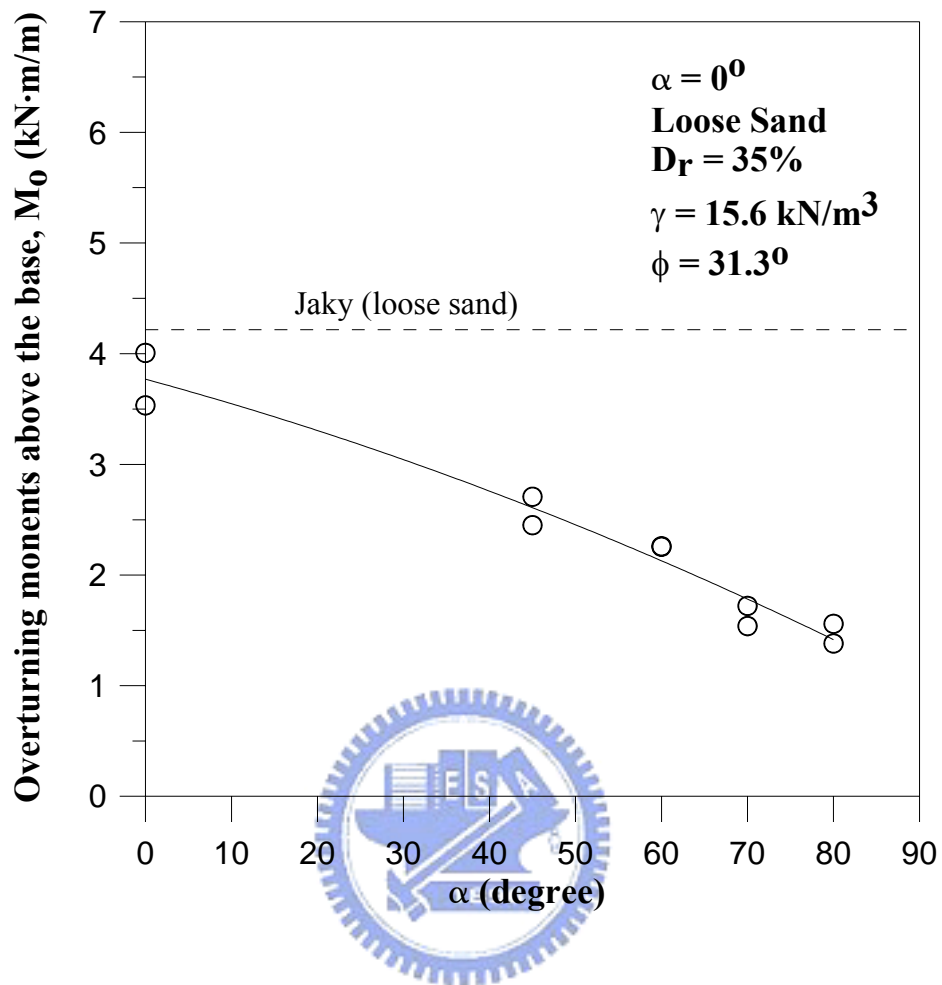
Fig. 7.14. Point of application of resultant force at various α

Fig. 7.15. Overturning monents about the base, Mo at various