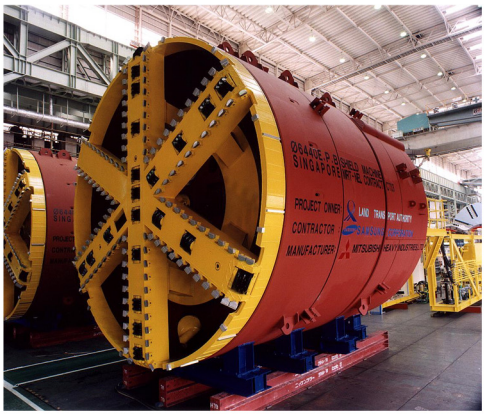
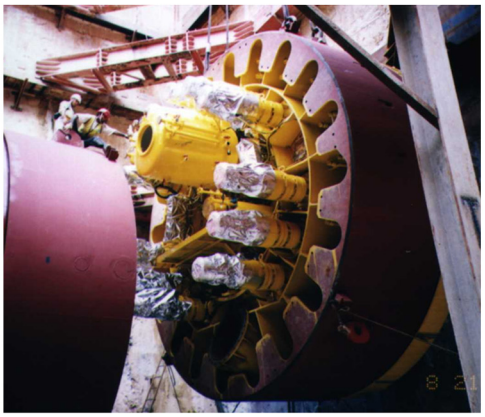
MRT

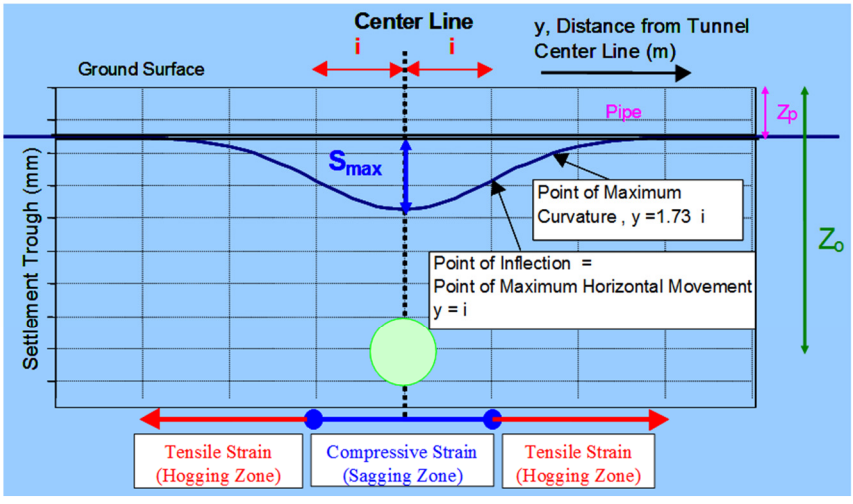
EARTH PRESSURE BALANCING, CUT AND COVER TUNNELING TECHNIQUE

AND

THE INDUCED SETTLEMENT







$$S_{max} = \frac{0.31 V_L D^2}{K Z_0}$$

$$S_v = S_{max} e^{-\frac{y^2}{2i^2}}$$

$$S_h = \frac{y}{(Z_0 - Z_p)} S_v$$

$$S_h = \frac{y}{Z_0} S_v$$

Dr. GOUW TJIE-LIONG, ChFC

2021

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