



TEX-106-E

Calculating the Plasticity Index



Why

It measures the materials' cohesive qualities resulting from the clay content.



When

For Type A embankment, untreated base, treated new base, when required on the plans, or plasticity index is required.

- Specification 132
- Specification 247



How

- Determine liquid limit in accordance with Tex-104-E.
- Determine plastic limit in accordance with Tex-105-E.



Action

- Calculation
 - $PI = \text{liquid limit} - \text{plastic limit}$
- Record plasticity index to the nearest whole number.