

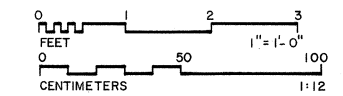
OPERATING PROCESS

1. Locomotive wheel and axle set (B) to be turned on Locomotive Lathe (see sheet 8) is positioned on removable rails (C). Rail support jacks (D) are removed. Locomotive wheel rods (H) are disengaged.
2. Transverse Pit Jack (E) is rolled into position under wheel and axle set and jacked up so that jack cradle (F) is centered under axle. Wheel and axle set (B) is jacked up off rails (C).
3. Rails (C) are removed. Jack (E) is rolled back to position shown in drawing. Wheel and axle set is hoisted onto shop floor (G) and rolled down to turntable (A).
4. Turning process on Locomotive Lathe commences (see sheet 8).

NOTES

- Locomotive wheel and axle set and rail support jack not surveyed. Drawn from photographs.
- Distance between Transverse Pit and turntable shortened.
- Transverse Pit Jack originally used water as a hydraulic fluid and was later converted to use oil.

TRANSVERSE PIT JACK



LEGEND

- (A) — Locomotive Wheel Turntable
- (B) — Wheel and Axle Set
- (C) — Removable Rails
- (D) — Rail Support Jacks
- (E) — Transverse Pit Jack
- (F) — Jack Cradle
- (G) — Shop Floor
- (H) — Locomotive Wheel Rods

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 HUNTINGDON COUNTY
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 SHEET 6 of 7
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