

Lift/Replace Foot Crossing Sleeper Based

Scope

Includes: Sleeper based crossings
Excludes: Unit constructed crossings

Preparation

Tools, equipment and plant items required but not limited to:

- 7lb Hammer
- Pinch-Bar (5ft)
- Gloves
- Adjustable Spanner
- 'Top Hat' Spanner
- Timber Nips/grabs

Work planning considerations:

- Assess condition of crossing sleepers with a view to replace damaged/rotten sleepers before re-instating
- Opportunity for detailed track inspection whilst crossing has been removed
- Opportunity for track components to be renewed whilst access is possible

Method

1. Mark up the crossing sleepers to identify their position within the foot crossing in order that they are re-instated in the correct sequence/position.
2. For concrete sleepered track, remove nails or coach screws that fasten to the wooden bearers embedded in the ballast.
3. For wood sleepered track, remove nails or coach screws that fasten the crossing sleepers directly to the wooden track sleepers.
4. Lift out the crossing sleepers and stack them in a pre-determined area.
5. Before re-instating the crossing ensure:
 - Area of foot crossing is tidy and clear of debris
 - Beds are fully boxed-in
 - All fastenings are in good order and fit for purpose.
6. To re-instate the foot crossing, lift in the crossing sleepers central to the rails in the 4' and in line with the walk way. Ensure correct flange way gap at either end.
7. Screw or nail down crossing sleepers to wooden bearers or track sleepers as appropriate.
8. When all completed ensure all sleepers are secure
9. Apply appropriate surface coating to foot crossing.
10. Remove waste and materials from site.

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References

Supports Ellipse Standard job

- 009246 Lift/Replace Foot Crossing
- Risk Control Sheets:
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0002/TK300 Lift/Replace Foot Crossing