**GENERAL INSPECTION OF PEDESTRIAN LEVEL CROSSINGS**

**Applicability – Pedestrian level crossings of all protection type – Track, Civil and Signage equipment**

**Refer to ETS-12-01 for details on Inspection and Assessment**

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| **Location: Equipment No.:** |
| **Kilometrage: Date: Work Order:** |
| **Maintenance boundaries varies across states (circle answer):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QLD** | **NSW** | **VIC** | **SA** | **WA** |

**For public pedestrian crossings, the maintenance boundaries below are reference only and vary based on the individual State requirements:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QLD | NSW | VIC | SA | WA |
| 0.6 m from the outer rail (plus active signalling systems) | 1.0 m from the outer rail (plus active signalling systems) | Maze to maze alongside a road crossing;Within the rail corridor boundary for standalone crossing. | Within the rail corridor boundary | 3.0 m from the outer rail |

**Type of level crossing being inspected (circle answer in each box):**

|  |  |  |
| --- | --- | --- |
| ARTC onlyMulti RIMs Shared Level Crossing | Passive Level Crossing | Public Level CrossingPrivate Level CrossingService Level Crossing |

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| **General** |
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| **Element** | **Observed Result** | **General Response** | **Comments** |
| Sighting Obstructions Sighting distance not obscured by track side stockpiles, vegetation etc. |  | Remove where obstructions present in the rail corridor and liaise with the road manager (i.e. council or landowner) where the obstruction is outside the rail corridor. Contact Engineering team if further assessment is required for remediation |  |
| Gauge(Different restrictions apply based on track speed; look for signs of gauge widening or tightening) |  | Record any defects as Known Conditions and respond as per Track and Civil Response Booklet  |  |
| Sleepers and FasteningMissing Sleepers (where visible)Ineffective sleepers or fastenings (where visible) |  | Record any defects as Known Conditions and respond as per Track and Civil Response Booklet |  |
| Rail ConditionCheck condition of rail head. Look for RCF, Shelling, Squats, Wheel burns, Rail flow, Corrosion and Mechanical damage etc. |  | Record any defects as Known Conditions and respond as per Track and Civil Response Booklet |  |
| Track GeometryVisual check for Ballast degradation, heave, Mud hole development, Top & Twist etc |  | Record any defects as Known Conditions and respond as per Track and Civil Response Booklet |  |
| Flangeway |  | Width > 75mm record as Known Condition Width < 60mm –remediation required within 28 daysDepth > 50 mm – remediation required within 28 days |  |
| Track Drainage (if applicable)Look for evidence of pumping of the crossingCheck to ensure drainage path is clear and diverts water away from track |  | Record any defects as Known Conditions and respond as determined by site conditions |  |

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| **Signage** |
| **Element** | **Observed Result** | **General Response** | **Comments** |
| Sign ConditionSign is present not missing any assemblies (see reference), free of graffiti, and not faded etc |  | Repair or replace signs.Any observations outside rail corridor – Record and notify Road Manager |  |

| **Footpath** |
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| **Element**  | **Observed Result** | **General Response**  | **Comments** |
| Maze (if applicable)Equipment including fencing in good condition to separate walkway from the track |  | Repair or replace;Inform Road Authority if not within ARTC maintenance responsibilityIf defects are hazardous or detrimental to public safety – Immediate action including restricting public access if detour is available, otherwise temp warning signs. |  |
| Tactile ground surface indicators (TGSI) (if applicable) |  | Repair or re-instate the painting/equipment within maintenance boundaryOther observations – Record and notify other Asset Manager |  |
| Sealed Footpath Pothole / deformation depth (measured with a 1 m straight edge) |  | 20 mm to 40 mm - Monitor condition or repair within 180 days40 mm to 60 mm – Repair within 90 days>60 mm – Act as determined by site conditions and repair within 28 days  |  |
| Modular Crossing SurfaceModular panel gaps >15mm posing hazard including to cyclistIneffective fastening system |  | Remediation required where defects presentRepair within 28 days |  |
| Modular Crossing SurfaceSigns of wheel contact with crossing surface |  | Record as Known Condition |  |

**Name of Inspector: Signature:**