

CHECKLIST APPLICATION WAYLEAVE

Wayleave Application Submission

- 1 Project title (Front page)/Covering letter - Railway No. KM Marking
- 2 Table of Contents
- 3 General Information
- 4 Photo of proposed site
- 5 Work schedule (Bar charts) in reserved railway boundary only

6 Location/Site Plan – scale 1:500

- i Show the railway reserved railway boundary
- ii Show the Railway No. KM Marking
- iii Show the railway track (distance clearance of signal pole/equipment, electrical pole, cable optic and etc)
- iv Show the other utilities (utility mapping, culvert, pipe, cable)
- v Show the proposed crossing
- vi 30 metre from edge of existing level crossing/bridge/culvert
- vii Not less than 10 metre radius from electrification pole
- viii 90 degree or not less than 80 degree crossing with railway track
- ix Manhole/valve/jacking pit placed outside railway reserved
- x Heavy machinineries should be placed outside railway reserved

To be Endorse by
Certified
Surveyor/Engineer

7 Cross Sectional Plan

- i Top of the pipe not less than 3 metre from the lowest ground level in boundary track
- ii Show the railway reserved boundary
- iii Show the railway track (distance clearance of signal pole/equipment, electrical pole, cable optic and etc)
- iv Show other utilities (utility mapping, culvert, pipe, cable)
- v Vertical clearance not less than 7 metre (ROB)(top of rail to soffit structure)
- vi Vertical clearance for lowest conductor not less than 15 metre
- vii Horizontal clearance 12.5 metre from nearest railway track
- viii Proposed pile cap 1.5metre depth from ground level
- ix Parapet Wall details (1.8metre height within track area and 1.2metre in railway reserved boundary)

To be Endorse by
Certified
Surveyor/Engineer

8 Method of Statement

- i Low Displacement Pile (Bore Pile, Micro Pile and others)
- ii Beam launching (loading chart crane)
- iii Install/Uninstall safety netting /hoarding(timber)
- iv Pipe jacking - area of receiving/jacking pit
- v Install/Uninstall temporary scaffolding design and certified by competence (Green Tag)
- vi Horizontal Directional Drilling (HDD) - type PN12.5
- vii Railway track and train protection method
- viii Sand bag protection (60 metre minimum from working area)
- ix Install/Uninstall temporary safety fencing (timber)
- x Sheet Piling
- xi Installation, modification, relocation of 25kv overhead catenary system(OCS)

To be Endorse by
Certified Engineer

9 Reports and Summaries

- i Geotechnical Instrument (Track Settlement Monitoring and Electrification Pole)
- ii Prediction of settlement
- iii Pipe/conduit stress calculation to withstand 20 tonne axle load for PN 10 pipe (exceptional for HDPE PN 12.5)
- iv Soil Investigation Report

To be Endorse by Certified Engineer	

10 Certificate

- I Personal Track Safety Certificate (KTMB 038)
- ii Person Incharge of Work Certificate (PICOW) (KTMB 039)
- iii Lookout Certificate (KTMB 040)
- iv CIDB / Green Card Certificate
- v Tools and machine certificate
- vi Crane Test Certificate
- vii Hoisting Machine Permit (PMA) Permit
- viii Workers Competency Certificate for special machine/equipment
- ix Competent Safety Officer/Manager/Supervisor Certificate

11 Safety Management System

- i Safety Management Charts - contacts person (police, fire department, ambulance station master KTMB, Electrical Control Centre (ECC), Train Control Command Centre (TCCC), Coordinator KTMB)
- ii Emergency Response Plan (ERP)
- iii Fire Response Plan (FRP)
- iv Job Risk Assessment (JRA)/Hazard Identification, Risk Assessment and Determining Control (HIRADC)
- v Job Safety Analysis (JSA)
- vi Emergency Response Team (ERT) with contact number
- vii Tool Box Briefing
- viii Records of Certificate

12 Monitoring (Track, OCS, Signalling and etc)

- i Monitoring Team - competence and certified by KTMB
- ii Monitoring Method
- iii Reports And Analysis

13 Appointment utilities companies / developers / council

- i. Letter of appointment from developers / utilities company / council
- ii. Letter of project details

Send to:

Railway Assets Corporation (RAC)
29 – 1, Sentral RAC, No.16 Jalan Tun Sambathan,
Brickfields,50470, Kuala Lumpur

No Tel: 603-7459 0200
No Faks: 603-7459 0222

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