



Feb 1986

METROPOLITAN TRANSIT

Tram and Bus Division

NORTH-SOUTH LIGHT RAIL TRANSIT PROJECT

WORK RESPONSIBILITIES BY DIVISION

1. INTRODUCTION

The successful implementation of the Inner Area North-South Light Rail link depends on both Divisions of the Authority undertaking works on the project.

2. DESCRIPTION OF WORKS

The major works involved in the project are :-

- (a) Survey and detailed design of permanent way and overhead.
- (b) Regauging of the rail track.
- (c) Alterations/adjustment of the overhead.
- (d) Construction of ramps onto and off the rail reserve.
- (e) Construction of new track on the ramps onto the rail reserve connecting into existing tramway and regauged rail track.
- (f) Construction of new overhead to match new track connections.
- (g) Renovations/alterations to existing stations (if used) for light rail operation.
- (h) Construction of new loading platforms, including shelters and security lighting.
- (i) Installation 3 new substations, including obtaining high voltage supply and installation of feeder cables.
- (j) Upgrading of the existing Kingsway Substation.
- (k) Reconstruction of the Kerferd Road Bridge.
- (l) Decommissioning of heavy rail signal/communications system.
- (m) Repair to the Canterbury Road retaining wall at St.Kilda Station.
- (n) Design and construction of Central Activities District interchanges.
- (o) Provision of stabling facilities for the new Light Rail Vehicles.
- (p) Manufacture and fit out of new Light Rail Vehicles.

- (q) Acquire and clear Whiteman Street properties.
- (r) Install new sections of Fairway in Spencer and Clarendon Streets.
- (s) Pantograph conversion of the East Brunswick route, Spencer Street, Clarendon Street, Fitzroy Street and the Upper Esplanade.
- (t) Associated roadworks and service alterations.
- (u) Construction of new track and overhead connection between Bourke and Spencer Streets.

3. WORK RESPONSIBILITIES BY DIVISION

- (a) Tram and Bus Division will undertake survey and design for all permanent way, overhead and substations.
- (b) MetRail will regauge the rail reserve track from broad to standard gauge, including lifting of the track on approaches to existing stations. Tram and Bus Division will construct the light rail/road crossings.
- (c) MetRail will install any additional overhead structures that may be required prior to the removal of heavy rail services.

Tram and Bus Division will undertake any major upgrading of the overhead as MetRail are heavily committed to their electrical overhead rehabilitation programme.

- (d) Tram and Bus Division will undertake construction of the ramps onto and off the rail reserve.
- (e) Tram and Bus Division will construct new track on the ramps onto the rail reserve connecting into existing tramway.
- (f) Tram and Bus Division will construct new overhead to match new track connections.
- (g) Tram and Bus Division will undertake any renovations/alterations required at existing stations.
- (h) Tram and Bus Division will construct any new loading platforms, including shelters and security lighting.
- (i) Tram and Bus Division will install three new substations including obtaining high voltage supply and installing feeder cables.

- (j) Tram and Bus Division will upgrade the existing Kingsway Substation.
- (k) MetRail will undertake the reconstruction of the Kerferd Road Bridge.
- (l) MetRail will decommission the existing rail signal/communication system.

Tram and Bus Division will undertake installation of any new communications.
- (m) MetRail will repair the Canterbury Road retaining wall.
- (n) Tram and Bus Division will be responsible for the design and construction of the Central Activities District interchanges.
- (o) Tram and Bus Division will be responsible for alterations to existing Depots to stable the new light rail vehicles.
- (p) Tram and Bus Division will be responsible for the design, ordering and fitting out of the new light rail vehicles.
- (q) Property Group will be responsible for the acquisition of the Whiteman Street properties.
- (r) Tram and Bus Division is responsible for the installation of new sections of Fairway in Spencer and Clarendon Streets.
- (s) Tram and Bus Division will convert the overhead for pantograph operation on the East Brunswick route, Spencer Street, Clarendon Street, Fitzroy Street and Upper Esplanade.
- (t) Road Construction Authority, Road Traffic Authority and Councils will be responsible for the associated roadworks and service alterations.

4. OPERATING RESPONSIBILITIES

Tram and Bus Division will purchase, man, operate, maintain and stable the light rail vehicles.

5. MAINTENANCE RESPONSIBILITIES

Following conversion of the heavy rail lines and completion of the project, Tram and Bus Division will be responsible for maintenance of :

- (a) track and overhead external to the rail reserve and within the rail reserve.
- (b) substations and supply.
- (c) stations.
- (d) loading platforms.
- (e) CAD interchanges.
- (f) subways, bridges and associated fittings.
- (g) vehicles.

MetRail will retain any rail not required for the project. MetRail will remove the Clarendon Street bridge, clear the rail reserve between Clarendon Street and the Yarra River Bridge and abutments as part of the Southbank development.

25th February 1986

GAM/VS