

# EDINBURGH TRAM PROJECT

## DETAILED DESIGN PRIORITIES

Proposed priority for detailed design:-

- 1 Phase 1a
  - a. Condition surveys for existing structures
  - b. Surveys of existing topography of route, including adjacent structures
  - c. Ground investigation surveys along route
  - d. New structures – bridges and retaining walls etc
  - e. Existing structures – adaptations and remedial works
  - f. PWay works
    - i. Track horizontal and vertical alignment
    - ii. Track formation and cross sections (showing new levels compared to old levels and cuttings and embankments required to achieve alignment together with any retaining structures)
    - iii. Track details – trackform and surface details (extent of slab track and ballasted track), S&C layouts, track drainage, fencing, cable ducts, troughing and racks
  - g. Highways
    - i.
    - ii. Junction designs within on road sections and where alignment crosses roads including grading with side roads, drainage, UTC
  - h. Tramstops – Structures, fittings and equipment (CCTV, PA, Help Points, Passenger Information systems), lighting
  - i. OHLE
  - j. Updated run time reports
  - k. Traction power systems and traction SCADA systems
  - l. Ancillary works e.g. roads, access alterations, structures etc for third parties
  - m. Tram position and detection systems and auxiliary SCADA
  - n. Telecommunications systems – operational voice radio, operational data radio and wireless communications
  - o. Depot building – structures, finishes, M&E, fittings, equipment, landscaping etc
  - p. Updated Plans, Safety Case and Specifications
  - q. Minor building – substation buildings and travel centre refurbishment
  - r. Acoustic treatments – noise barriers and fencing
  - s. Ingliston Park and Ride extension
  - t. Wide area impacts – traffic light adjustments, signs, markings, minor highway structures etc
- 2 Phase 1b
  - a. Priority of elements as referred to above

Note:- For each of the above elements the drawings, schematics and supporting specifications are of equal priority

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