General Concrete Paving

**Hayden Brett**

Created Tue, 16 Jan 2024, 3:47 PM (UTC+11)

**Subcontractor (if applicable)**

**ITP Details:**

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| **Client** | **Construction Process** | **Contract Number:** | **Speciﬁcations** | **Structure / Component** | **Prepared By** | **Approved By** |
| *Regional Roads Victoria* | General Concrete Paving |  | *Vicroads Speciﬁcation* | Footpaths and other |  |  |
|  |  | *Section 173, 175, 204,* | surfacing |
|  |  | *205, 210, 290, 304, 702* |  |
|  |  | *and 720, VR Code of* |  |
|  |  | *Practice 500.2* |  |

**Project Location Lot Number**

**Lot Details**

**Lot size/Qty**

**Date** Start: - End: -

**Legend:**





1. **Preliminary Works**

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| **Task/Activity Description** | **Acceptance Criteria** | **Reference Document s** | **Method & Record of conformity** | **Responsib ility** | **Signature 1** | **Reports** | **Pictures** | **Comments** |
| **1.1** Check for correct documentation  **Frequency**  Prior to commencing any activity | Ensure that all employees and subcontractors are:  -using the correct and complete set of drawings  -all drawings are the latest revision | IFC  Drawings | **Method**: Visual Inspection  **Record**: Signed ITP | IHP  SWA  Project Manager |  |  |  |  |

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| **1.2** Implementation of all measures and controls  **Frequency**  Prior to commencing any activity | All necessary measures and controls are being implemented, that is: EMP, TMP & SWMS. | EMP, TMP & SWMS | **Method**: Visual Inspection  **Record**: Signed ITP | IHP  SWA  Project Manager |  |  |  |  |

1. **Construction works**

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| **2.1** Survey Set-Out  **Frequency**:Prior to commencement of excavation. | Area has been set out in accordance with the drawings | Work Procedure | **Method**: Verify  **Record**: Signed ITP | IP  SWA  Project Manager |  |  |  |  |

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| **2.2** Excavation Permit  **Frequency**:Each Lot | An excavation permit or DBYD must be issued prior to any excavation commencing. Plant and equipment shall be appropriate for the task. Excavation operations shall not disturb areas outside the limit of excavation | Excavation Permit | **Method**: Verify  **Record**: Signed ITP | IHP  SWA  Project Manager  IP  SWA SEQ  Adviser |  |  |  |  |
| **2.3** Formwork  **Frequency**:Each Lot | Formwork shall comply with the requirements of AS 3610 | AS 3610 | **Method**: Site Inspection  **Record**: Signed ITP | IP  SWA  Project Manager |  |  |  |  |
| **2.4** Reinforcement  **Frequency**:Each Lot | Steel reinforcement shall comply with the requirements of AS/NZS 4671  Minimum cover of 50mm | AS/NZS 4671 | **Method**: Visual Inspection  **Record**: Signed ITP | IP  SWA  Project Manager |  |  |  |  |

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| **2.5** Temporary Drainage Provisions  **Frequency**:Prior to commencing | If obstructing waterways, culverts or channels, temporary diversion of discharge of drainage and stormwater to be in place. Obtain written approval from relevant waterway authority. | VcRoads Std Specs 703.15 | **Method**: Visual Inspection  **Record**: Signed ITP | IHP  SWA  Project Manager |  |  |  |  |
| **2.6** : Bedding  **Frequency :** Each lot as required | * Crushed rock bedding material as per drawings * Bedding trimmed, moistened, and compacted as necessary * Bedding compacted thickness:   Footpaths and other surfacing ≥ 50mm | VcRoads Std Specs 703.18  IFC  Drawings | **Method**: Site Inspection/ Document Review  **Record**: Signed ITP | IHP  SWA  Project Manager  **AP**  RRV  Superinten dent |  |  |  |  |

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| **2.7** : Concrete Placement  **Frequency :** Each lot as required | * Concrete strength as per drawing speciﬁcation * Comply with requirements of AS1379 * Aggregates to comply with Table 703.051 * Extrusion machines cement content ≥ 320kg/m3 * Surface pitting < 5mm diameter * Concrete to be satisfactorily compacted. Proﬁle transitions between 10-20mm per metre. | VicRoads Std Specs 703.04(b)  VicRoads Std Specs 703.20  VicRoads Std Specs 703.21 IFC  Drawings AS 1379 | **Method**: Visual Inspection  **Record**: Signed ITP & Test Reports | IHP  SWA  Project Manager  **AP**  RRV  Superinten dent  **TP**  External testing Company representat ive |  |  |  |  |
| **2.8**: Finish Surfaces  **Frequency :** Each lot as required | · Footpaths and other Surfacing:  Wooden ﬂoat ﬁnish | VcRoads Std Specs 703.22 | **Method**: Visual Inspection  **Record**: Signed ITP & Test Reports | IHP  SWA  Project Manager  **AP**  RRV  Superinten dent |  |  |  |  |

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| **2.9**: Tolerances  **Frequency :** Each lot as required | * Match existing surfaces   ± 5mm   * Section dimensions: * Within 5mm and 15mm for width; and * Within ±3mm for   dimensions less than 25mm.  · Concrete footpath:   * 150mm thick * SL72 reinforcement   · Concrete Surfacing:   * Type 1 100mm * Type 2 150mm | VicRoads Std Specs 703.13 IFC  Drawings | **Method**: Visual Inspection  **Record**: Signed ITP | **IHP**  SWA  Project Manager |  |  |  |  |
| **2.10**: Joints  **Frequency :** Each lot as required | · Footpaths and other surfacing:  o Expansion joints at  12.5m regular intervals   * Control joints at 2.5m regular intervals * 20mm deep and 5mm wide   Prevent bonding between  edging and surfacing. Either paint back of edging with bitumen or use a strip of bituminous felt material. | VicRoads Std Specs 703.23 | **Method**: Visual Inspection  **Record**: Signed ITP | **IHP**  SWA  Project Manager |  |  |  |  |

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| **2.11**: Backﬁlling  **Frequency :** Each lot as required | * Topsoil compacted in layers < 150mm * Width ≥ 300mm behind edging to top of edging * Topsoil placed after 3 days of concrete placement | VicRoads Std Specs 703.26 | **Method**: Visual Inspection  **Record**: Signed ITP | **IHP**  SWA  Project Manager |  |  |  |  |

**Final Notes Photo and video**

**Final Inspection:**

The signature below veriﬁes that this ITP has been completed in accordance with the Fulton Hogan’s Quality system Procedures and veriﬁes lot compliance with speciﬁcations.

**Project Team signature** -

**Final Inspection:**

The signature below veriﬁes that this ITP has been completed in accordance with the Fulton Hogan’s Quality system Procedures and veriﬁes lot compliance with speciﬁcations.

**Client Signature** -