| **WORK AREA:**  **Gillingham Road** | **CONTRACT NAME:**  **N23041 Gillingham Road Bridge Replacement** | **DESCRIPTION OF ACTIVITY:**  **Install and Decommission Temporary Bridge and Access Road** | **Rev** | **Originator** | **Date** | **Approved** | **Date** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **Akash Nada** | **10/04/2025** | **GvdLinde** |  |
| **ITP No: 008** | **1** |  |  |  |  |
|  |  |  |  |  |

| **Item No.** | **Item** | **Activity TASK** | **Acceptance Criteria** | **FREQUENCY** | **CERTIFYING DOCUMENTATION, RECORD OR CHECKSHEET** | **VERIFICATION SIGN OFFS** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **INTERNAL VERIFICATION AUTHORITY OR RESPONSIBILITY** | **CRITICAL HOLD POINT**  **AUTHORITY** |
| **1.** | **Site Preparation** | Site Clearance and Excavation | Free from organic material, ground prepared for the accurate placement of piles and temporary access Road | Once | Visual Inspection | R | R |
| **2.** | **Initial set out** | Survey | As per approved drawings, offset pegs for the pile location as required | Prior to start predrilling or installation of piles | Visual inspection | H | R |
| **3.** | **Temporary Access Road – 4m Wide** | Prepare Subgrade | Clear or relocate vegetation as required, trim subgrade to suite | Prior to building temporary access way | Visual Inspection | R | W |
|  |  | Geotextile | Visual inspection | Prior to placing Basecourse | Visual Inspection,  Suppliers’ documentation | R | W |
|  |  | 300mm Basecourse | Placed and compacted in layers | Prior to installation of temporary bridge | Visual Inspection | R | R |
| **4.** | **Pile Installation** | Supply Timber poles and Steel Casing Sleeve on site | As per approved design | Upon being delivered on site | Visual Inspection,  Suppliers’ documentation | H | W |
|  |  | Drive piles | As per approved design,  The piling Rig to drive the piles into the ground to a depth of approx. 12m | Prior to installation of timber poles | Visual Inspection  Photos  Subcontractors Documentation | H | W |
|  |  | Place Timber Pole | Timber post to be placed on top of the driven piles | Prior to installing steel casing | Subcontractors Documentation | H | W |
|  |  | Install Steel Casing | Steel casing driven to refusal | Prior installation of steel headstocks and girders | Subcontractors Documentation | H | W |
| **5.** | **Supply and Install Steel Headstocks and Girders** | Supply Steel Headstocks, Girders and fixings | Correct type and sizes as per approved design | Upong being delivered on site | Visual Inspection  Suppliers Documentation | H | W |
|  |  | Install Double Headstocks | Stitch welded together as per approved design and specification | Prior to installing Girders | Suppliers Documentation  Subcontractors Documentation | H | W |
|  |  | Install UB Girders with transverse braces | As per approved design alignment and fixing detail | Prior to installation of Precast Concrete Panels | Subcontractors Documentation | H | W |
| **6.** | **Supply and Install 7.5m wide concrete reinforced Pre-Cast deck panels** | Supply 7.5m wide concrete reinforced precast deck panels | As per approved design,  Free from damages and cracks | Prior to Installation | Suppliers Documentation | H | W |
|  |  | Install Pre-Cast deck panels | Correct fixing as per approved design | Prior to install Barrier | Subcontractors’ documentation | H | W |
| **7.** | **Temporary Vehicle Barriers** | Install Water filled barrier or similar | Install Water filled barrier or similar | Install Water filled barrier or similar | Visual Inspections | H | W |
| **8.** | **Final Inspection** | Thorough Inspection | Constructed in accordance with the approved design and specifications. | Prior to handing over for use | Written approval from Inspector | H | H |
| **9.** | **Regular Maintenance Checks** | Conduct regular maintenance checks | Monitor the condition of the bridge, ensuring it remains safe and functional | During Operational Period – as directed by the engineer | Inspection report | H | H |
| **10.** | **Decommission of Temporary Bypass** | Remove bridge deck, headstock, girders, piles and access road. | No debris to be left, reinstate ground to original condition | After decommissioning of temporary bypass | Visual Inspections | H | R |
|  |  | Landscaping | As required or to original state | After decommissioning of temporary bypass | Visual Inspection | H | R |
| **11.** | **As-Built Plans** | Survey – Final surfaces | As directed by the Engineer | Upon completion of the works | As-built plans | H | H |
|  |  |  |  |  |  |  |  |

# INSPECTION & TEST PLAN (ITP)

The ITP defines the required inspections during various stages of fabrication, construction and installation work. It is also a method of communicating these requirements to those doing the work and a verifying record that they have been carried out.

The ITP defines 2 different levels of inspection according to the following criteria:

* **Internal Verification:** This inspection or verification activity is required internally by United Civil. A Designated Internal Authority- Project Manager, Supervisor, Foreman or other authorised person is determined for the given inspection point or verification activity. Where a signature required verification is notified by signing the designated check sheet.
* **Critical Hold Points:** These are ONLY inspections required by the contract. It requires the Foreman/ Supervisor or Subcontractors Representative to notify the United Civil Project Manager that the hold point stage of inspection has been reached. Fabrication shall not proceed past this point unless the inspection has been carried out or approval to proceed is given in writing & signed by the Engineer’s Representative.

The Engineer’s Representative shall sign the Check sheet.

A Contract Hold Point is a contractual requirement. Where the Engineer’s Rep has not signed or for whatever reason cannot sign the Hold Point off the Project Manager must signify verification by the Engineer by other means such email sign off or other formal correspondence and note as such on the ITP.