| **WORK AREA:**  **Gillingham Road** | **CONTRACT NAME:**  **N23041 Gillingham Road Bridge Replacement** | **DESCRIPTION OF ACTIVITY:**  **Construction of RIPRAP Apron** | **Rev** | **Originator** | **Date** | **Approved** | **Date** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | **Akash Nada** | **04/04/2025** | **GvdLinde** |  |
| **ITP No: 006** | **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 | Site clear of debris and vegetation | Once | Visual Inspection | R | W |
| **2.** | **Material (1)** | Filter Cloth | Approved filter cloth with class 1 filtration and class C strength class - Bidim A49 or equivalent | Prior to placing order | Suppliers Documentation | R | R |
| **2.** | **Material (2)** | Rock Boulders criteria | According to WDC Physical work Section E.6. Rip Rap Specification Section 2 page 856 | Prior to placing order | Suppliers Documentation | H | R |
| **2.** | **Material (3)** | RIP-RAP grading | According to WDC Physical work Section E.6. Rip Rap Specification Section 3 page 856 | Upon delivery of material | Suppliers Documentation | R | W |
| **3.** | **Initial set out** | Survey | As per drawings and provided design model | Prior to subgrade preparation | Visual inspection | H | H |
| **4.** | **Subgrade Prep (1)** | Trim subgrade to suit | As per drawing and provided design model | Prior to placing Geotextile | Survey – As-built surface | H | R |
| **4.** | **Subgrade Prep (2)** | Place Geotextile | As per drawings and specification. | Prior to placing RIP-RAP material | Visual Inspection  Photos | R | R |
| **5.** | **RIP-RAP Placement** | Install RIP-RAP stones | According to WDC Physical work Section E.6. Rip Rap Specification Section 4 page 856 with approved machinery. | During and Upon completion of work | Survey As-built topography  Photos  Visual Inspection | H | H |
| **6.** | **Maintenance** | Maintain RIP RAP protection until accepted by Engineer | As required | Upon completion of the works | Visual Inspections | H | R |
| **7.** | **As-Built Plans** | Survey | As accepted by the Engineer | Upon completion of the works | As-built plans | H | R |

# 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.