| **Client** | | SOUTH32 | | | **ITP CHECKLIST FOR:**  **Concrete Kerbs and Gutters (R15 ed5 rev0)** | **Work Area:** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Contract No. #** | | CW2419130 | | | Choose an item. | |
| **Workplace Name** | | Appin Mine Bulk Earthworks & Associated Civils | | | ITC 0XX | |
| **Approval by** | |  | | | Rev 0 | |
| **Lot No** | |  | | | **Underlying Lots:** | |
| Activity No.# | Description | | Requirements / Reference | Acceptance Criteria | | Inspection | Comments / Attachments |
| 1 | **Preparation and preliminary works** | | Project Safety Plan, Project Environment Plan | * Works completed in accordance with Project Safety and Environment Plans | |  |  |
| 2 | **Survey set out** | | Survey model | * Survey set out pegs (or equivalent) to identify alignment, levels, transitions as per design | |  |  |
| 3 | **Subbase** | | R15 Cl. 3.3, AS 2876 | * Prepare bedding layer as per drawings – SMZ * Foundation layer is compacted, free of loose material and homogenous throughout * Levels are within +5mm to -10mm tolerances and have been picked up by surveyor every 10m * Do not undercut batters of cuttings for the purpose of kerb and gutter construction | |  |  |
| 4 | **Materials** | | R15 Cl 2.2, R53 Cl 2.4.3 | * **R53 HP:** Concrete mix design submitted at least 5 days prior to works and accepted by principal | |  | * **R53 HOLD POINT: \_\_\_\_\_\_\_** |
| 5 | **Profiles and dimensions** | | R15 CL 3.6  Project Drawing MP-99300-FS-CIV-DWG-10 | * Profiles and dimensions must be as nominated on the Drawings * Refer to Kerb Control Details drawings for kerb style and set out * For kerb shapes and dimensions refer to TFNSW R0300-01 Standard Kerb and Gutter shapes | |  |  |
| 6 | **Concrete Placement** | | R15 CL 3.7  R53.3.3.1  R53.3.3.2 | * **R53 HP:** Submit concrete pour details to principal at least 2 days prior * Pour as per R53 Specification * Concrete temperature is between 10-35ºC * Air temperature is between 5-35ºC * Clear weather, no imminent rain * Concrete placed to limit segregation, compacted with internal vibrator * Min. 25MPa concrete design strength adj. flexible pavement. Max 10mm nominated aggregate size for extrusion and slipform, 20mm otherwise * Min. 32MPa concrete design strength adj. concrete pavement. Max 20mm nominated aggregate size | |  | * **R53 HOLD POINT: \_\_\_\_\_\_\_** |
| 7 | **Joints** | | R15 Cl 3.8, R15 Cl 2.6 | * Form and prepare joints in conformity to AS 2876 * Provide joints in K&C of the type and at the locations shown on the Drawings or as specified in Annexure R15/A * Where K&C is to be constructed alongside an existing flexible pavement, conform to the requirements shown on the Drawings or specified in Annexure R15/A1 * For longitudinal joints with rigid pavement base the longitudinal joint must be continuous and not deviate from 3m straight edge by +20mm for curvature. * Align joints at an angle of 90° ± 6° to the line of the kerb * Seal joints with sealant conforming to R83 (TfNSW 3204). | |  |  |
| 8 | **Concrete Finish** | | R54 Cl 3.9 | * Finish concrete surface with: * Steel float on face of kerb * provide a broomed finish to the tops of kerbs | |  |  |
| 9 | **Stripping** | | R53 Cl 3.3.7, AS 3610.1 | * Formwork not stripped earlier than 2 days (for external surfaces) or 1 day (for permanently hidden surfaces) | |  |  |
| 10 | **Conformity** | | R15 Cl 4, AS 2876 | * Completed kerb and gutter conforms to design profiles and alignments * Finished surfaces are uniform except at grade changes and bends, passes a straight edge test * Surfaces are homogenous and free of dags * Level of gutter lip does not deviate between +0mm and -10mm below the adjoining pavement surface at any point * Horizontal alignment is within 20mm left / right of control line setout | |  | * **Survey Conformance Report** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **REVIEW** | | | | | | |
| Any non-conformances? | YES | NO | Nos: | Closed Out | YES | NO |
| All work has been satisfactorily completed | | | YES | | NO | |
| Name | | | Signature | | Date | |
| **QA ENGINEER / SPE / PE SIGN OFF** | | | | | | |
| Name | | | Signature | | Date | |