



EROSION AND SEDIMENT CONTROL PLAN 001
TANTULEAN CREEK BRIDGE (LITTLE RIVER ROAD)

Activity - Bridge Demolition, Replacement & Approaches
(incl. Clean Water Diversion through Site)



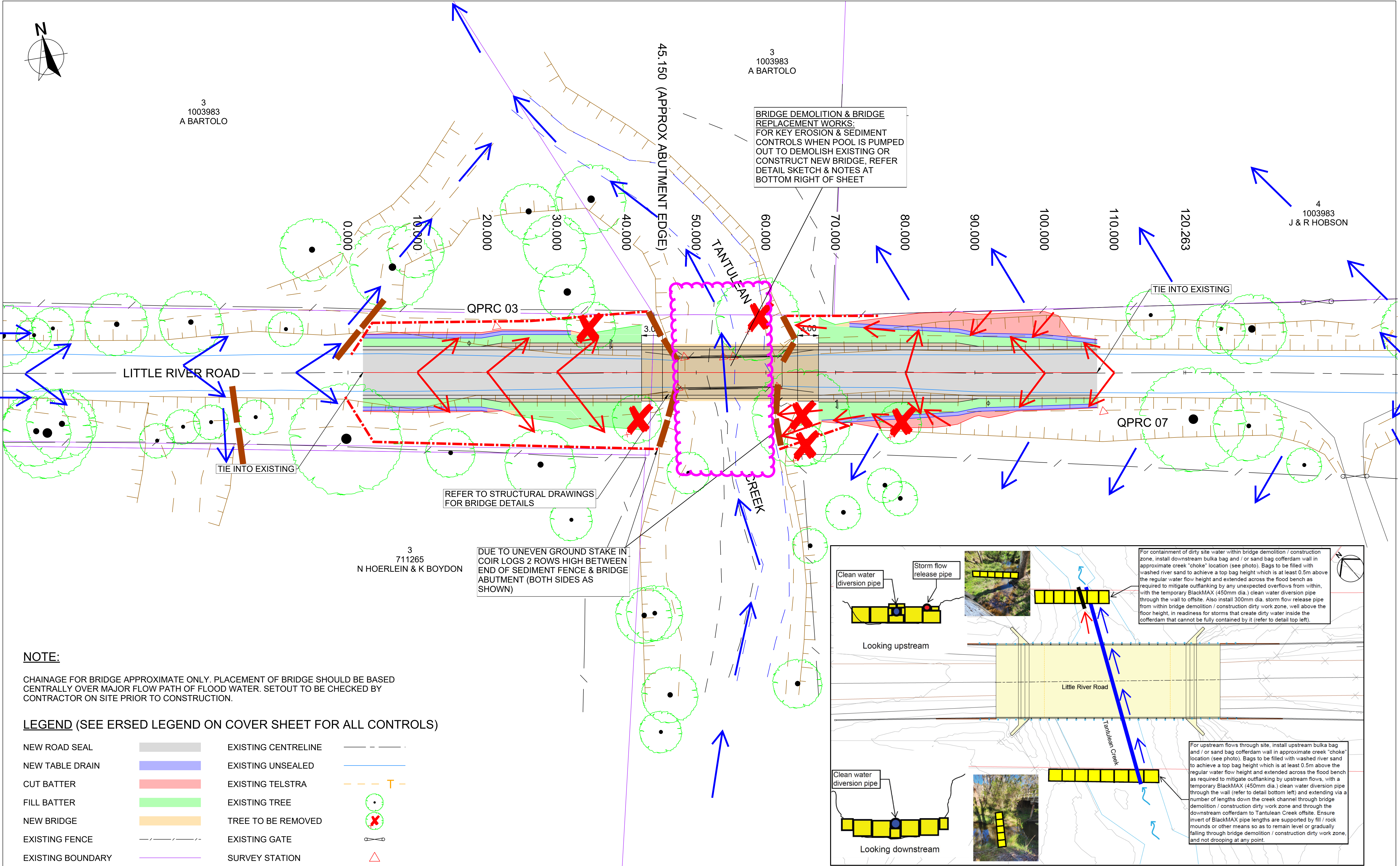
ESCP 001 CONSTRUCTION NOTES:

1. THIS PLAN HAS BEEN PREPARED AS PER 'BLUE BOOK' GUIDELINES AND STANDARD DRAWINGS (VOLUMES 1 & 2D) AND WILL BE READ TOGETHER WITH RELEVANT ENVIRONMENTAL DOCUMENTATION (E.G. CEMP, REF, AHIP)
2. WEATHER FORECASTS TO BE REGULARLY MONITORED BY ONSITE TEAM, WITH ADEQUATE PRODUCTION TIME ALLOWED TO 'SECURE' THE ENTIRE SITE AND RE-ESTABLISH ANY TEMPORARILY DECOMMISSIONED ERSED CONTROLS PRIOR TO FORECAST RAIN
3. THE PRINCIPLE OF MINIMUM DISTURBANCE TO EXISTING VEGETATION TO BE IMPLEMENTED, WITH 'NO-GO' ZONES ISOLATED USING FLAGGING, SIGNAGE ETC. NO VEGETATION CLEARING TO OCCUR BEYOND THE MARKED LIMITS
4. TEMPORARY EROSION AND SEDIMENT CONTROLS TO BE INSTALLED PRIOR TO SITE DISTURBANCE WHEREVER REASONABLE AND FEASIBLE.
5. ALL WATERWAY CROSSINGS ARE TO BE CONSTRUCTED AS A MINIMUM TO 'BLUE BOOK' GUIDELINES, INSIDE COFFERDAM ZONES AND PRIOR TO ANY PLANT /VEHICLE MOVEMENT OVER WATERCOURSES. CROSSINGS ARE TO BE CONSTRUCTED ONLY OF CLEAN, HARD, NO FINES ROCK WITH A WELL-COMPACTED NON-DISPERSIVE GRAVEL RUNNING SURFACE (I.E. DGB)
6. LOCALLY-WON GENERAL FILL / SOIL IS NOT TO BE USED IN ANY PART OF THE WATERWAY (INCL. FLOODPLAIN AREAS) DUE TO ITS DISPERSIVE CLAY NATURE
7. ALL TEMPORARY WORKS ROCK NOT USED FOR DESIGN SCOUR PROTECTION IS TO BE FULLY REMOVED FROM THE WATERWAY
8. ALL 'CLEAN' AND 'DIRTY' WATER DIVERSION DRAINS AND SEDIMENT BASINS / TRAPS TO BE CONSTRUCTED AS EARLY WORKS
9. PRIORITISE CONSTRUCTION OF ALL PERMANENT DRAINAGE WORKS FOR 'CLEAN' WATER MANAGEMENT WHERE POSSIBLE. 'CLEAN' AND 'DIRTY' RUNOFF TO BE SEPARATED. THE DIVERSION OF 'DIRTY' RUNOFF TO SEDIMENT BASINS / TRAPS IS TO BE MAXIMISED
10. STOCKPILE LOCATIONS ARE INDICATED ON THESE PLANS WHERE RELEVANT, WITH TEMPORARY CONTROLS AS NECESSARY
11. CULVERT INLET AND OUTLET PROTECTION TO BE CONSTRUCTED IMMEDIATELY AFTER PIPE OR BOX CULVERT INSTALLATION (E.G. HEAD & WING WALLS, DISSIPATERS). SEDIMENT BASIN SPILLWAYS TO BE CONSTRUCTED PER RMS SD R0100-11
TEMPORARY CONTROLS IN ADDITION TO THOSE SHOWN ON THE DRAWINGS TO BE CONSTRUCTED AT 'KEY' LOCATIONS AS REQUIRED AND MAY CONSIST OF:
 - a. EROSION CONTROLS (E.G. WINDROWS OR CROSS-SLOPE DRAINS ON CONTOURS TO REDUCE SLOPE LENGTH AND SURFACE FLOW VELOCITIES); AND
 - b. SEDIMENT CONTROLS (E.G. SEDIMENT FENCES, MULCH SEDIMENT TRAPS, MULCH BUNDS).
12. THE ONSITE TEAM ARE TO ENSURE PROPOSED MAXIMUM SLOPE LENGTHS ARE ADHERED TO
13. DISTURBED AREAS ARE TO BE PROGRESSIVELY STABILISED AS SOON AS POSSIBLE (E.G. FINAL DESIGN TREATMENTS SUCH AS CONCRETE OR TOPSOIL AND REVEGETATION)
14. ALL CONTROLS REMOVED OR DISTURBED TEMPORARILY DURING WORKS ARE TO BE REINSTATED PRIOR TO END OF DAY, WEEKENDS AND PRIOR TO FORECAST RAIN. AREAS TO BE FULLY 'SECURED' WITH CONTROLS PRIOR TO ANY SITE SHUTDOWNS
15. DEWATERING OF THE BRIDGE DEMOLITION / CONSTRUCTION ZONE INSIDE COFFERDAMS, EXCAVATIONS ETC TO BE CONDUCTED AS PER THE REQUIRMENTS OF THE CEMP AND SECTION 120 OF THE NSW EPA POEO ACT
16. DUST TO BE CONTROLLED ON SITE AND ALONG UNSEALED ROADS USING WATER CARTS AND / OR LIMITING VEHICLE SPEEDS
17. TEMPORARY ERSED CONTROLS TO BE INSPECTED REGULARLY, WITH MAINTENANCE / REPAIRS UNDERTAKEN AS REQUIRED
18. IF WEATHER FORECASTS SUGGEST UPSTREAM FLOWS MAY BE HIGH ENOUGH TO OVERCOME THE TEMPORARY CLEAN WATER DIVERSION PIPE AND WASH OVER THE BULKA BAG COFFERDAMS AND FLOOD THE SITE, THEN ALL TEMPORARY WORKS ARE TO BE REMOVED FROM THE WATERWAY INCLUDING BULKA BAGS AND TEMPORARY PIPES. IN ADDITION, ALL PLANT, PUMPS, MATERIALS AND EQUIPMENT IS TO BE MOVED OUT OF THE CHANNEL / OFF THE FLOODPLAIN AND UP TO HIGHER GROUND BEFORE RAIN COMMENCES.
19. THIS PLAN IS TO BE REVISED WHEN REQUIRED (E.G. CHANGE IN CONSTRUCTION METHODS AND/OR SITE CONDITIONS).

ErSed LEGEND (N.T.S)

Mulch Bund	
Temporary Clean Water Pipe / Dirty Water Pipe	
Earth Bund / Diversion Bank	
Earth Bund / Diversion Bank (Geofabric-Lined)	
Coir Logs Diversion (Staked Hard to Ground)	
Sediment Fence	
Bridge Approaches to be Reconstructed	
Clean Water Diversion Channel	
Dirty Water Diversion Channel	
Stockpile Area / Site Office & Cribs / Parking	
Washed river sand-filled Bulka Bag Cofferdam	
Bridge Demolition / Construction Work Zone	
Sediment Trap (Best Volume in Space Available)	
Clean Water Flow Direction	
Dirty Water Flow Direction	

REVISION	PREPARED BY	DATE	COMMENTS
A	C. DEDDEN, CPESC 8127	17/10/2024	CONSTRUCT ALL CONTROLS AS SHOWN



SCALE: (A1 ORIGIN)	
HORIZONTAL (1:250) :	
DATUM	ORIGIN
AHD	SCIMS
COORD. SYSTEM	
MGA 94 Z55	

SURVEYED	KM	DATE	JAN 2023
DESIGNED	CD	DATE	OCT 2024
DRAWN	CD	DATE	OCT 2024
CHECKED	SD	DATE	OCT 2024

A		EROSION & SEDIMENT CONTROL PLAN FOR QPRC RFT		CD	17/10/24
No	AMENDMENT			BY	DATE

PROJECT:

TANTULEAN CREEK BRIDGE - DEMOLITION, REPLACEMENT & APPROACHES

12D Archive file:	DESIGN\23001 DESIGN\23001 DESIGN.12daz	SHEET
PDF file:	DESIGN\23001 DRAFTING\PLOTS\23001 DESIGN R2.pdf	
JOB No.	23001 DESIGN	1/1
TITLE:	EROSION & SEDIMENT CONTROL PLAN	
		REV
		A