



TROUGH TRANSITIONS TO EXISTING
ARRANGEMENTS TO BE MANAGED BY
CONTRACTOR

KEE KLAMP HANDRAILING

4388 OVERALL WIDTH
844 CILL BEAM
WIDTH
2700 CLEAR WIDTH
844 CILL BEAM
WIDTH

PROPOSED NEW TROUGHS TO REPLACE
EXISTING UNITS. THROUGH ARE TO BE
SUPPORTED ON HANGERS OR FIXED TO
THE DECK TO STOP THEM MOVING.

RAIL TRACK LEVELS TO BE
RAISED BY APPROXIMATELY 15mm
TO ACCOMMODATE PROPOSED
DECK INSTALLATION

REFER TO DRAWING No. A124002-
TGEE-BL12-1151-DR-CV-000208 FOR
DELKOR BASEPLATE LOCATIONS

MASONRY PILASTERS AND COPING
UNITS TO BE CUT BACK ON ALL FOUR
CORNERS TO MAKE 50mm GAP TO
REAR AND 25mm TO THE SIDE FOR
THE NEW CILL AND DECK UNITS.

LIMITED CLEARANCE SIGNAGE
IS TO BE CLEANED / REPLACED
/ AND PROVIDED ON EACH OF
THE FOUR PILASTERS

CILL BEAM LIFTING LOCATIONS

350
ROBUST
KERB

7238

PROPOSED PLAN
EXISTING TROUGHS REMOVED FOR CLARITY
1:25

0 0.5 1.0 1.5 2.0 2.5m
SCALE 1:25

KEY	COLOUR	
—	BLACK	EXISTING OR UNCHANGED
—	BLUE	MODIFIED OR TO BE MOVED
—	GREEN	REDUNDANT OR TO BE REMOVED
—	RED	NEW, PROPOSED OR ADDITIONAL
—	PURPLE	TEMPORARY / WORKS BY OTHERS
—	GREY	OS / SURVEY DATA

TOP OF RAIL TRACK SLEEPER
LEVELS TO BE RAISED TO
ACCOMMODATE TRANSITION ON TO
PROPOSED DECK INSTALLATION.
REFER TO DRAWING S100207-TGP-
1602-SSX_BLI2-DRG-ETR-002441

STIFFNESS TRANSITION TO BE INSTALLED.
REFER TO DRAWING S100207-TGP-1602-
SSX_BLI2-DRG-ETR-002441

TROUGH TRANSITIONS TO EXISTING
ARRANGEMENTS TO BE MANAGED BY
CONTRACTOR

MASONRY WINGWALLS

MASONRY PILASTERS AND COPING
UNITS TO BE CUT BACK ON ALL FOUR
CORNERS TO MAKE 50mm GAP TO
REAR AND 25mm TO THE SIDE FOR
THE NEW CILL AND DECK UNITS.

280x350 UPSTAND TO CILL UNITS

LOCATING DOWELS FIXING REINFORCED
CONCRETE DECK INTO REINFORCED
CONCRETE CILL BEAM

GRP HANDRAIL TO BE PROVIDED WITH
GRP MESH INFILL PANELS

PROPOSED TROUGHS REPLACING
EXISTING ROUTES POSITIONED ON DECK

ROBUST KERBS

RAIL TRACK LEVELS TO BE
RAISED BY APPROXIMATELY 31mm
TO ACCOMMODATE PROPOSED
DECK INSTALLATION

246mm MIN THICK REINFORCED
CONCRETE DECK REPLACEMENT

ELASTOMERIC STRIP BEARING
150x12mm THICK



CILL BEAM LIFTING LOCATIONS

BLOCK / BRICKWORK AT
TRANSITION BETWEEN DECK
AND TRACK BALLAST

STIFFNESS TRANSITION TO BE INSTALLED.
REFER TO DRAWING S100207-TGP-1602-
SSX_BLI2-DRG-ETR-002441

NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH S100207-TGP-1602-SSX_BLI2-DRG-ECV-002424-2440 AND DESIGNERS RISK ASSESSMENT S100207-TGP-1602-SSX_BLI2-RSA-ECV-002444.
- ALL LEVELS ARE IN METRES AND ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- A FORM C TEMPORARY WORKS DESIGN WILL BE REQUIRED TO SUPPORT THE CABLES THAT ARE TO BE SLEWED OFF THE BRIDGE DECK DURING ITS REMOVAL AND REPLACEMENT.
- THE CONTRACTOR IS TO PLAN THE TROUGH TRANSITIONS INTO THE EXISTING TROUGH ROUTES PRIOR TO THE POSSESSIONS.

SETTING OUT TABLE

SOP	EASTING	NORTHING
SOP1	501804.564	102753.022
SOP2	501812.476	102755.796

CEM APPROVAL

THIS DESIGN HAS BEEN ENDORSED BY THE CEM
AS APPROVED FOR CONSTRUCTION IN
ACCORDANCE WITH CLAUSE 16.1 OF
NRL2/CIV/003 ISSUE 8

SIGN:

STEPHEN FALLACE
CONTRACTORS ENGINEERING MANAGER (CEM)

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
C01	04/10/24	FOR CONSTRUCTION	MG	CM	AB
B01	19/06/24	FORM B SUBMISSION	CC	CM	AB

Status A - FOR CONSTRUCTION



Project

CATTLE CREEP
UNDERBRIDGE DECK REPLACEMENT
STR No.1151

Drawing Title

PROPOSED PLAN

Designed	A. GOODREM	Signed		Date	04/10/24
Drawn	M. GREEN	Signed		Date	04/10/24
Checked	C. MURRAY	Signed		Date	04/10/24
Approved	A. BARTON	Signed		Date	04/10/24

Scale(s) 1:25 ELR & Mileage BLI2 61m 792yds

Alternative Reference A124002 Sheet 01 of 01

Drawing Number S100207-TGP-1602-SSX_BLI2-DRG-ECV-002429 Revision C01

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

THE FOLLOWING NOTES HIGHLIGHT SIGNIFICANT RESIDUAL HAZARDS IDENTIFIED BY THE DESIGNER. TYPICAL HAZARDS THAT SHOULD BE IDENTIFIED BY A COMPETENT CONTRACTOR ARE NOT INCLUDED. THE CONTRACTOR SHALL CARRY OUT THE WORKS USING AN APPROVED SAFE SYSTEM OF WORK.

FURTHER INFORMATION ON HAZARDS CAN BE FOUND IN THE DRA AND / OR CSM HAZARD LOG.

REF.	HAZARD
R	EXISTING SERVICES
J	OPERATIVES STRUCK BY MOVING TRAINS
L	INSTABILITY OF PRECAST CONCRETE ELEMENTS DURING LIFTING
N	INADEQUATE BRIDGE DECK TRACK TRANSITION AND CONVENTIONAL TRACK BED CONSTRUCTION BEYOND
O	DEFECTS IN EXISTING TRACK COMPONENTS
P	FALLS FROM HEIGHT
Q	CONSTRUCTION MATERIALS OR PLANT LEFT ON TRACK AFTER POSSESSION CAUSING COLLISION AND POTENTIAL DERAILMENT
T	UNAUTHORISED ACCESS TO THE BRIDGE DECK