

DC CONTINUITY CABLE IN EXISTING WOODEN TROUGH. TROUGH TO BE REMOVED PRIOR TO DECK REPLACEMENT. DC CONTINUITY CABLES TO BE REMOVED TEMPORARILY AND REPLACED IN NEW CONCRETE TROUGHS ON DECK SURFACE ON WORKS COMPLETION.

EXISTING MASONRY WINGWALL

3X SINGLE CORE 300mm² CU XLPE HV FEEDER CABLE & PILOT F3367 IN EXISTING GRP TROUGH. TROUGH TO BE REMOVED PRIOR TO DECK REPLACEMENT. CABLES TO BE PROTECTED AS NECESSARY. CABLE PLACED IN EQUIVALENT SIZED TROUGH ON ROBUST KERBS IN A HUNG ARRANGEMENT.

650v SIGNALLING POWER CABLES IN ELEVATED GRP TROUGH ROUTE. THE CABLES ARE TO BE TEMPORARILY DIVERTED DURING THE WORK AND PLACED IN A NEW TROUGH ON THE DECK UPON COMPLETION.

EXISTING PILASTERS TO BE CUT BACK TO SUIT NEW CILL/DECK UNITS AT ALL FOUR CORNERS

F,K,M,P

TWO LOOSE LAID CABLES ARE POSSIBLY REDUNDANT 440v SIGNALLING POWER CABLES. THESE CABLES ARE TO BE TRACED AND IDENTIFIED PRIOR TO COMMENCING THE WORKS. THESE HAVE POSSIBLY BEEN REPLACED WITH A NEW 650v SIGNALLING CABLES IN THE ELEVATED GRP TROUGH ROUTE ON THIS SIDE.

0 0.5 1.0 1.5 2.0 2.5m
SCALE 1:25

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
A	ANY LINE OPEN TO BE AVOIDED AS MUCH AS POSSIBLE
B	ABUTMENT INSTABILITY DURING WORKS
C	TEMPORARY GUARD RAILS TO BE PROVIDED IF NECESSARY
D	DISCOVERY OF DEFECTS TO BRICK ABUTMENTS
E	DAMAGE TO EXISTING CABLES/POTENTIAL RISK OF ELECTROCUTION
F	EXISTING PAINT MAY CONTAIN LEAD
J	OPERATIVES STRUCK BY MOVING TRAINS
K	LOW HEADROOM FOR EXISTING/PROPOSED STRUCTURES
M	POTENTIAL COLLAPSE OF EXISTING BRIDGE DECK IF SUPERIMPOSED DEAD OR LIVE LOADS ARE INCREASED.
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
U	INSUFFICIENT POSSESSION TIME TO CUT THE MASONRY PILASTERS TO MAKE SPACE FOR THE NEW CILLS AND DECK



C,E,F



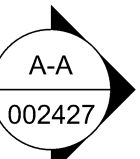
B,D



U

C-C

002427



A-A

002427



U



O,Q

UP
LITTLEHAMPTON

B-B

002427

DOWN
LITTLEHAMPTON

UP
LITTLEHAMPTON

DOWN
LITTLEHAMPTON

THE EXISTING BRIDGE DECK IS DIRECT FIX STEEL PLATE AND TROUGH WITH TIMBER RAIL BEARERS. THE EXISTING DECK WEIGHS APPROXIMATELY: STEEL 9.3 TONNE
TIMBER 0.7 TONNE
TOTAL 10 TONNE

9181

EXISTING PLAN
1:25

DC CONTINUITY CABLE IN EXISTING WOODEN TROUGH. TROUGH TO BE REMOVED PRIOR TO DECK REPLACEMENT. DC CONTINUITY CABLES TO BE REMOVED TEMPORARILY AND REPLACED IN NEW CONCRETE TROUGHS ON DECK SURFACE ON WORKS COMPLETION.

SIGNALS AND TELECOMS CABLES IN EXISTING CONCRETE TROUGH. TROUGH TO BE REMOVED PRIOR TO DECK REPLACEMENT. CABLES TO BE PROTECTED AS NECESSARY. S & T CABLES TO BE PLACED IN EQUIVALENT SIZED TROUGH ON DECK SURFACE ON WORKS COMPLETION.

3 X SINGLE CORE 300mm² CU XLPE HV FEEDER CABLE & PILOT F3368 IN EXISTING GRP TROUGH. TROUGH TO BE REMOVED PRIOR TO DECK REPLACEMENT. CABLES TO BE PROTECTED AS NECESSARY. CABLE PLACED IN EQUIVALENT SIZED TROUGH ON ROBUST KERBS IN A HUNG ARRANGEMENT.

EXISTING DECK TO BE REMOVED

EXISTING PILASTERS TO BE CUT BACK TO SUIT NEW CILL/DECK UNITS AT ALL FOUR CORNERS

KEY	COLOUR	EXISTING OR UNCHANGED
	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

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

CEM APPROVAL

THIS DESIGN HAS BEEN ENDORSED BY THE CEM AS APPROVED FOR CONSTRUCTION IN ACCORDANCE WITH CLAUSE 16.1 OF NR/L2/CIV/003 ISSUE 8

SIGNET

STEPHEN FALLACE
CONTRACTORS ENGINEERING MANAGER (CEM)

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

Status

A - FOR CONSTRUCTION



Contractor(s)



Project

CATTLE CREEP
UNDERBRIDGE DECK REPLACEMENT
STR No.1151

Drawing Title

WORKS TO EXISTING STRUCTURE
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-002427	Revision	C01		