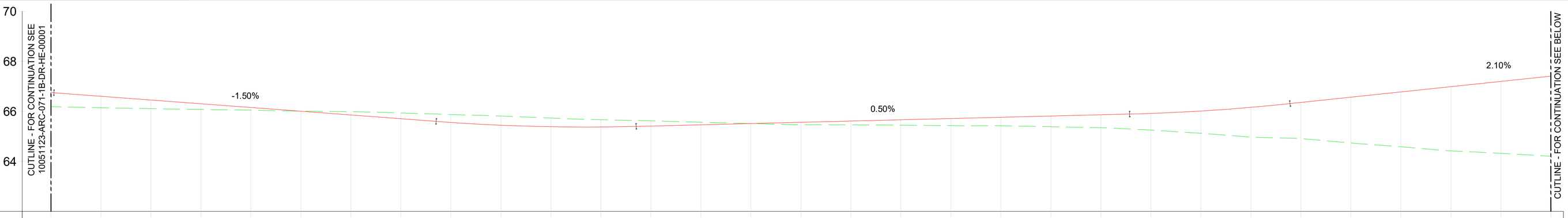


CHAINAGE (m)	EXISTING LEVELS (m)	PROPOSED LEVELS (m)	LEVEL DIFFERENCE (m)
1430.00	66.191	66.754	0.562
1440.00	66.145	66.604	0.459
1450.00	66.108	66.454	0.346
1460.00	66.074	66.304	0.230
1470.00	66.048	66.154	0.105
1480.00	66.012	66.004	-0.008
1490.00	65.984	65.854	-0.131
1500.00	65.935	65.704	-0.232
1510.00	65.873	65.556	-0.317
1520.00	65.813	65.446	-0.367
1530.00	65.732	65.385	-0.347
1540.00	65.663	65.375	-0.288
1550.00	65.620	65.413	-0.207
1560.00	65.564	65.463	-0.101
1570.00	65.512	65.513	0.001
1580.00	65.467	65.563	0.096
1590.00	65.459	65.613	0.154
1600.00	65.446	65.663	0.216
1610.00	65.428	65.713	0.285
1620.00	65.425	65.763	0.338
1630.00	65.386	65.813	0.427
1640.00	65.346	65.863	0.516
1650.00	65.251	65.917	0.667
1660.00	65.122	66.014	0.892
1670.00	64.969	66.160	1.191
1680.00	64.912	66.355	1.443
1690.00	64.735	66.566	1.830
1700.00	64.583	66.776	2.193
1710.00	64.418	66.987	2.569
1720.00	64.323	67.197	2.874
1730.00	64.204	67.408	3.204

SUPERELEVATION
Right hand side
Left hand side

-2.5%
-2.5%
-5.0%
5.0%
-5.0%
5.0%
5.0%
-5.0%

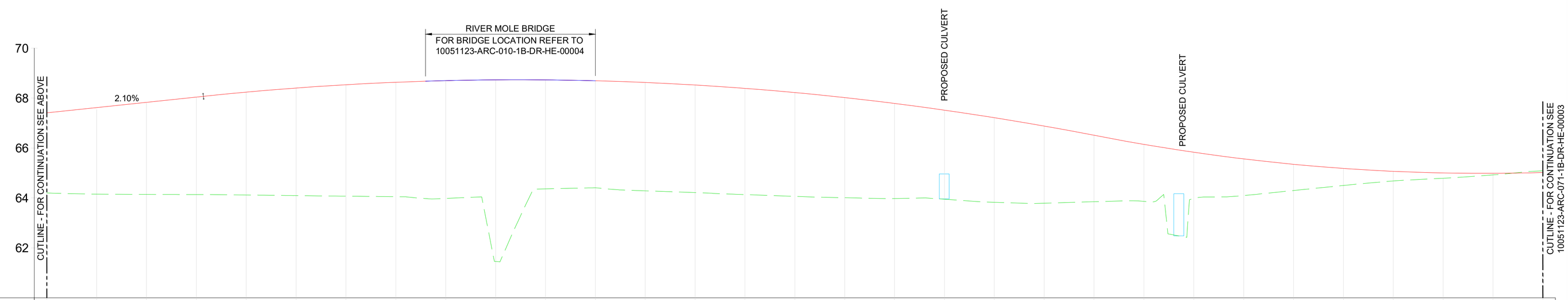
HORIZONTAL GEOMETRY (m)

R=1020.000
Lc=203.090
Lt=68.000
R=360.000
Lc=137.577
Lt=34.000
Lt=34.000
R=360.000
Lc=59.650

VERTICAL GEOMETRY (m)

R=3000.000
K =30.000
L=30.000
G=-1.50%
L=76.440
R=2000.000
K =20.000
L=40.000
G=0.50%
L=98.686
R=2000.000
K =20.000
L=32.097
G=2.10%
L=83.565

PHASE 1B MAINLINE CH: 1430.00 TO CH: 1730.00
SCALE:H 1:500,V 1:100



CHAINAGE (m)	EXISTING LEVELS (m)	PROPOSED LEVELS (m)	LEVEL DIFFERENCE (m)
1730.00	64.204	67.408	3.204
1740.00	64.151	67.618	3.467
1750.00	64.143	67.829	3.686
1760.00	64.136	68.039	3.903
1770.00	64.119	68.237	4.119
1780.00	64.094	68.402	4.308
1790.00	64.071	68.534	4.463
1800.00	64.050	68.633	4.583
1810.00	63.981	68.698	4.717
1820.00	61.455	68.730	7.275
1830.00	64.364	68.728	4.364
1840.00	64.407	68.693	4.287
1850.00	64.286	68.625	4.339
1860.00	64.214	68.523	4.309
1870.00	64.134	68.389	4.255
1880.00	64.064	68.220	4.157
1890.00	64.008	68.019	4.010
1900.00	63.977	67.784	3.807
1910.00	63.948	67.516	3.568
1920.00	63.825	67.214	3.389
1930.00	63.789	66.879	3.091
1940.00	63.848	66.511	2.663
1950.00	63.863	66.146	2.283
1960.00	63.979	65.830	1.851
1970.00	64.094	65.564	1.470
1980.00	64.298	65.348	1.050
1990.00	64.499	65.183	0.684
2000.00	64.682	65.067	0.385
2010.00	64.790	65.001	0.212
2020.00	64.921	64.986	0.065
2030.00	65.084	65.020	-0.064

SUPERELEVATION
Right hand side
Left hand side

5.0%
-5.0%
2.5%
-2.5%
3.8%
-3.8%

HORIZONTAL GEOMETRY (m)

R=360.000
Lc=59.650
Lt=34.000
L=35.591
Lt=27.200
R=450.000
Lc=315.162

VERTICAL GEOMETRY (m)

G=2.10%
L=83.565
R=3000.000
K =30.000
L=179.308
R=2000.000
K =20.000
L=96.334

PHASE 1B MAINLINE CH: 1730.00 TO CH: 2030.00
SCALE: H 1:500,V 1:100

V SCALE 1:100 (A1) SCALE 1:200 (A3) — 0, 5, 10 METRES

H SCALE 1:500 (A1) SCALE 1:1000 (A3) — 0, 10, 20, 30, 40, 50 METRES

NOTES:-
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH 100 SERIES GENERAL ARRANGEMENT PLANS.
3. FOR GENERAL ARRANGEMENT DRAWING REFER 10051123-ARC-010-1B-DR-HE-00001 TO 00007.

LEGEND:-
- EXISTING LEVELS
- PROPOSED LEVELS
- BRIDGE LOCATION
- PROPOSED CULVERTS

Rev.	Date	Description	Prod.	Chk.	Rev.	App.
P01	26/10/23	First Issue	SC	TC	AP	SD
P02	13/03/24	EIA Fix	TT	TC	AP	SD
P03	02/08/24	For Planning Application	TT	TC	AP	SD
P04	17/06/25	Issued for planning	VK	SP	AP	SD

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Drawing Title:
WEST OF IFIELD
PHASE 1B HIGHWAY
LONG SECTION
SHEET 2 OF 6

Designed: T.Chaudhry	Signed: Digitally Signed	Date: 11/06/25
Produced: v.k	Signed: Digitally Signed	Date: 11/06/25
Checked: S.Panesar	Signed: Digitally Signed	Date: 11/06/25
Reviewed: A.Pegler	Signed: Digitally Signed	Date: 12/06/25
Approved: S.Davies	Signed: Digitally Signed	Date: 17/06/25
Design Stage: Detailed Design		
Original Size: A1	Grid: OS	Datum: AOD
Suitability Code: A3	Scale: 1:500	Project Number: 10051123

Suitability Description:
Definition Design Stage Complete
Authorized and Accepted

Drawing Number: 10051123 - ARC - 071 - 1B - DR - HE - 00002

Revision: P04

Print Date: 2025-06-17 15:52:20 C:\bms\arcadis-uk-09\dms57184\10051123-ARC-071-1B-DR-HE-00002.dwg