File ref - I:\cad stage 2\wansford\disciplines\wip\1 live drgs\highways\he551494-amy-hgn-ws_stg2-dr-he-032 option 2 realigned pra variant.dwg

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS.
3. ALL DIMENSIONS, CHAINAGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE.

LEGEND

- PROPOSED ROAD CONSTRUCTION
- PROPOSED EARTHWORKS
- PROPOSED JUNCTION AND LINKS
- SIDE ROADS SEVERED

HAZARDS

HV = HIGH VOLTAGE ELECTRICITY
LV = LOW VOLTAGE ELECTRICITY
G = GAS
W = WATER
BT = TELECOMMUNICATIONS
COM = COMMUNICATIONS

CULTURAL HERITAGE

- LISTED BUILDING
- SCHEDULED MONUMENT

ENVIRONMENTAL CONSTRAINTS

- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

WATER COURSES

- MAJOR RIVER
- DRAINS AND OTHER MINOR COURSES
- PONDS AND OTHER ACCUMULATION AREAS

UK BIODIVERSITY ACTION PLAN (BAP) PRIORITY HABITATS

- COASTAL AND FLOODPLAIN GRAZING GRASSLAND
- DECIDUOUS WOODLAND
- LOWLAND CALCAREOUS GRASSLAND
- LOWLAND FENS
- LOWLAND MEADOWS
- REEDBEDS
- TRADITIONAL ORCHARDS
- NO DOMINANT PRIORITY HABITAT PRESENT*

*ADDITIONAL PRIORITY HABITATS MAY BE PRESENT, BUT OF LOWER CONFIDENCE OF DETERMINATION AND MAPPING.

Level Datum =21.000

CHAINAGE	PROPOSED	EXISTING	LVL. DIFF
0.000	23.697	23.674	0.024
50.000	23.066	22.417	0.650
100.000	23.396	21.436	1.960
150.000	24.688	24.575	0.113
200.000	26.758	26.926	-0.168
250.000	28.544	28.414	0.129
300.000	29.875	29.845	0.031
350.000	30.752	30.501	0.251
400.000	31.174	31.368	-0.194
450.000	31.160	31.171	-0.011
500.000	31.029	30.831	0.198
550.000	30.897	30.106	0.791
600.000	30.694	29.353	1.341
650.000	30.247	28.761	1.487
700.000	29.559	27.983	1.577
750.000 / 755.711	28.702 / 28.595	27.321 / 27.248	1.382

HORIZ. ALIGN.: D=100.909m; C; R=−360.000m L=173.337m; C; D; C; R=−360.000m L=114.778m; C; D

VERTICAL ALIGN.: R=2600.000m L=174.544m; L=261.363m R=−5500.000m; L=126.088m P=−0.263%; L R; L R

LONG SECTION - VARIANT TO OPTION 2 (FREE FLOW SLIP)

HORIZONTAL SCALE 1:5000 VERTICAL SCALE 1:500

PLAN - VARIANT TO OPTION 2

Level Datum =9.000

CHAINAGE	PROPOSED	EXISTING	LVL. DIFF
0.000	33.389	33.136	0.254
50.000	32.410	32.065	0.345
100.000	31.695	30.162	1.533
150.000	31.176	29.234	1.941
200.000	30.532	28.444	2.088
250.000	29.752	27.663	2.089
300.000	28.834	26.946	1.887
350.000	27.778	26.561	1.217
400.000	26.585	25.369	1.217
450.000	25.255	24.430	0.825
500.000	23.788	23.071	0.716
550.000	22.183	21.158	1.025
600.000	20.441	19.375	1.065
650.000	18.743	17.174	1.570
700.000	17.527	17.304	0.222
750.000	16.808	17.162	-0.354
800.000	16.297	15.764	0.532
850.000	15.785	14.369	1.415
900.000	15.273	12.628	2.645
950.000	14.761	13.954	0.808
1000.000	14.250	14.216	0.033
1050.000	13.738	13.537	0.200
1100.000	13.234	11.596	1.638
1150.000	13.044	10.086	2.958
1200.000	13.326	9.240	4.085
1250.000	14.079	11.416	2.663
1300.000	15.304	13.892	1.412
1350.000	16.795	12.804	3.991
1400.000	18.058	16.924	1.134
1450.000	19.070	19.738	-0.668
1500.000	19.832	20.058	-0.225
1550.000	20.345	20.444	-0.100
1600.000	20.607	20.323	0.285
1650.000	20.619	20.520	0.100
1700.000	20.382	20.309	0.073
1750.000	20.032	20.034	-0.002
1800.000	19.682	19.523	0.160
1850.000	19.332	19.061	0.271
1900.000	19.047	19.546	-0.499
1950.000	19.002	18.902	0.099
2000.000	19.127	19.157	-0.030
2050.000	19.253	19.217	0.036
2100.000	19.280	19.296	-0.016
2150.000	19.169	19.389	-0.220
2200.000	18.921	18.714	0.207
2250.000	18.587	18.197	0.391
2300.000	18.512	17.674	0.838
2350.000	18.461	17.406	1.054
2400.000	18.272	17.806	0.466
2450.000	17.946	17.397	0.549
2500.000	17.526	17.319	0.207
2550.000 / 2564.277	17.103 / 16.982	17.103 / 16.982	0.000

HORIZ. ALIGN.: D=368.039m; R=2880.000m L=677.212m; D=193.464m; C; R L=93.692m; C; C; R=−2040.000m L=347.915m; C; R=3500.000m L=507.484m; D=132.470m

VERTICAL ALIGN.: L P; R L; L=500.370m R=−18200.000m; R L=133.264m; L=345.428m P=−1.024%; R=5300.000m L=221.335m; L=385.258m R=−10000.000m; L=166.529m P=−0.700%; R L; P L; L=189.524m R=−18200.000m; R L; L=169.040m R=−18200.000m; L P

LONG SECTION - VARIANT TO OPTION 2

HORIZONTAL SCALE 1:5000 VERTICAL SCALE 1:500

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Rev	Revision details	Drwn	Chkd	Appd	Date
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Designed:	GC	Date: .
Drawn:	MV	Date: .
Checked:	DH	Date: .
Approved:	DH	Date: .

DRAFT

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Client
Highways England
Woodlands
Manton Lane
Bedford
MK41 7LW

Working on behalf of

Project Name
A47 CORRIDOR - STAGE 2

Drawing Title
A47 SCHEMES
WANSFORD TO SUTTON -
OPTION 2 (PRA VARIATION)
PLAN AND LONG SECTION

Original Drawing Size : A1 | Scale : AS SHOWN
Dimensions : -

Drawing Status: WORK IN PROGRESS | Suitability: S0

Drawing No: HE551494-AMY-HGN-WS_STG2-DR-HE-032 | Rev: -