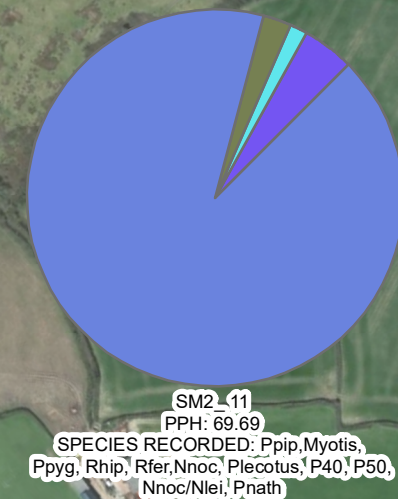


- CONFIRMED ROOST DETAILS**
- T94, SEVERAL BAT DROPPINGS RECORDED
 - T99, Myotis RECORDED DURING APRIL 2017 VISIT
 - ▲ 42, Ppip AND Paur DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 44A, Paur DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 44G, Ppip DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 45, Ppip ROOST
 - ▲ 51, Myotis (LIKELY Mnat) MATERNITY ROOST. Ppip DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 53, Ppip DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 54, Ppip MATERNITY ROOST
 - ▲ 55A, Ppip ROOST
 - ▲ 56A, Ppip AND Paur DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 57, Ppip AND Paur DAY/TRANSITIONAL/OCCASIONAL ROOST
 - ▲ 57A, Paur DAY/TRANSITIONAL/OCCASIONAL ROOST

CROSSING POINT 10

SPECIES	TOTAL	TOTAL SEEN CROSSING	USING FEATURE	HEARD AND NOT SEEN	USING FEATURE AT AN UNSAFE HEIGHT <5 M	NOT USING FEATURE AT AN UNSAFE HEIGHT <5 M
ALL SPECIES	431	171	162	233	153	0
COMMON PIPISTRELLE	266	124	115	136	107	0
MYOTIS	25	7	7	17	7	0
NOCTULE	4	1	1	2	1	0
SOPRANO PIPISTRELLE	1	0	0	1	0	0
GREATER HORSESHOE	4	0	0	4	0	0
LESSER HORSESHOE	3	2	2	0	2	0
BROWN LONG-EARED	17	10	10	7	9	0
SEROTINE	28	18	18	8	18	0
LEISLER'S	1	0	0	1	0	0
NSL	76	9	9	53	9	0
BARBASTELLE	1	0	0	1	0	0
UNIDENTIFIED	5	0	0	3	0	0



SM2_11
PPH: 69.69
SPECIES RECORDED: Ppip, Myotis, Ppyg, Rhip, Rfer, Nnoc, Plecotus, P40, P50, Nnoc/Nlei, Pnath

SM2_10
PPH: 10.12
SPECIES RECORDED: Ppip, Myotis, Ppyg, Rhip, Nnoc, Plecotus, Esero

SP: 35
PPM: 0.94
SPECIES RECORDED: Ppip, Myotis

SP: 34
PPM: 1.167
SPECIES RECORDED: Ppip, Bharb, Nnoc, Esero

SP: 33
PPM: 1.89
SPECIES RECORDED: Ppip, Myotis, Esero

SP: 27
PPM: 0.429
SPECIES RECORDED: Ppip, Myotis, Rfer

SP: 26
PPM: 1.31
SPECIES RECORDED: Ppip, Myotis

SP: 25
PPM: 0.029
SPECIES RECORDED: Ppip

SM2_9
PPH: 45.22
SPECIES RECORDED: Ppip, Myotis, Ppyg, Rhip, Rfer, Nnoc, Nlei, Plecotus, P50, Esero, Nnoc/Nlei

CROSSING POINT 11

SPECIES	TOTAL	TOTAL SEEN CROSSING	USING FEATURE	HEARD AND NOT SEEN	USING FEATURE AT AN UNSAFE HEIGHT <5 M	NOT USING FEATURE AT AN UNSAFE HEIGHT <5 M
ALL SPECIES	1427	1037	1033	369	1028	3
COMMON PIPISTRELLE	1166	892	889	268	884	3
MYOTIS	230	135	135	89	135	0
NSL	2	0	0	2	0	0
LEISLER'S	1	0	0	1	0	0
NOCTULE	6	2	1	0	1	0
SOPRANO PIPISTRELLE	8	0	0	8	0	0
BROWN LONG-EARED	1	0	0	1	0	0
UNIDENTIFIED BAT	13	8	8	0	8	0

CROSSING POINT 9

SPECIES	TOTAL	TOTAL SEEN CROSSING	USING FEATURE	HEARD AND NOT SEEN	USING FEATURE AT AN UNSAFE HEIGHT <5 M	NOT USING FEATURE AT AN UNSAFE HEIGHT <5 M
ALL SPECIES	348	143	118	191	114	25
COMMON PIPISTRELLE	229	119	95	100	92	24
MYOTIS	80	22	21	56	20	1
NOCTULE	4	1	1	3	1	0
LESSER HORSESHOE	30	0	0	28	0	0
GREATER HORSESHOE	1	0	0	1	0	0
BARBASTELLE	1	0	0	1	0	0
BROWN LONG-EARED	1	0	0	1	0	0
SEROTINE	1	0	0	1	0	0
UNIDENTIFIED BAT	1	1	1	0	1	0

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LEGEND

- CROSSING POINT (CP) SURVEY LOCATIONS
- STATIC DETECTOR LOCATIONS
- ⊕ TRANSECT STOPPING POINT (SP)
- ▲ CONFIRMED ROOST IN BUILT STRUCTURE
- CONFIRMED ROOST IN TREE

BAT TRANSECT POINT

- Ppip
- Ppyg
- Myotis
- Rhip
- Rfer
- Nnoc
- Nlei
- Plecotus
- Esero
- UNIDENTIFIED

BAT SPECIES OBSERVED AT STATIC DETECTOR LOCATIONS

CHART TOTALS (REPRESENTATIVE PPH)
PPH=PPASSES PER HOUR

- 50 PPH
- 20 PPH
- 10 PPH

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made in the design hazard log)

Construction	Maintenance / Cleaning	Use	Decommission / Demolition
NONE	NONE	NONE	NONE

Rev	Date	Description	By	Chk'd	App'd
C01	14/08/18	FIRST ISSUE		AH	EA

Suitability: A3 | Drawing Status: STAGE COMPLETED | Project Title: A30 CHIVERTON TO CARLAND CROSS

Designer: ARUP

Client: highways england | European Union European Regional Development Fund

Scale	Designed / Drawn	Checked	Approved	Authorised
1:5,000	AH	EA	JP	IM

Original Size	Date	Date	Date	Date
A3	14/08/18	14/08/18	14/08/18	14/08/18

Drawing Number: HA551502-ARP-EBD-SW-DR-LE-000073 | Revision: C01