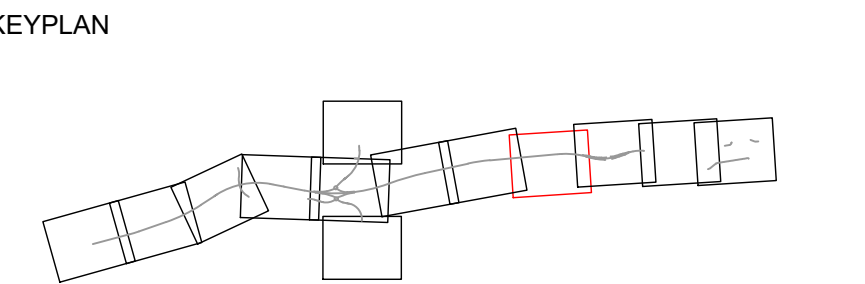


- NOTES:
- FOR DETAILS OF PUBLIC HEALTH AND EMERGENCY COMMUNICATIONS WITHIN THE TUNNEL SECTIONS, PLEASE REFER TO DRAWING NUMBER HE551506-BGR-HOS-SWGN000Z-DR-TE-0102.
 - FOR DETAILS OF PUBLIC HEALTH AND SURVEILLANCE AND CONTROL WITHIN THE TUNNEL SECTIONS, PLEASE REFER TO DRAWING NUMBER HE551506-BGR-HOS-SWGN000Z-DR-TE-0103.
 - ⊙ DENOTES MAGNETOMETER MIDAS DETECTOR.
 - ELECTRICAL INTERFACES (EI) LOCATIONS ARE BASED ON THE PCF PRODUCT "APPLICATION FOR ROADSIDE ELECTRICITY CONNECTIONS (EXIT POINTS)". THESE LOCATIONS ARE SUBJECT TO WAYLEAVE AND DNO CAPACITY CONSTRAINTS AND MAY BE SUBJECT TO CHANGE.
 - NRTS COMMUNICATIONS TRANSMISSION DESIGN TO BE CONDUCTED BY NRTS Co. THE POSITION AND CONFIGURATION OF THE TRANSMISSION CABINETS AT THE SCHEME EXTENTS ARE INDICATIVE.
 - ERT WIRING TO BE INSTALLED BY NRTS Co.
 - FTMS SITES ON APPROACH ROADS TO BE CONNECTED USING NRTS Co. 4G WIRELESS SERVICES.
 - YELLOW / ORANGE HIGHLIGHT INDICATES EMERGENCY REFUGE AREAS.
 - THE DUCT ROUTES SHOWN SHALL BE PROVIDED FOR THE INSTALLATION OF NRTS Co. LONGITUDINAL AND LOCAL FIBRE OPTIC CABLES TO ENABLE THE NRTS Co. ACCESS SWITCHES IN THE 600C CABINETS. WITH THE EXCEPTION OF ERT CIRCUITS, ALL LOCAL CABLES FROM THE NRTS NODES TO THE END DEVICES SHALL BE PROVIDED BY THE CONTRACTOR. AS THE SERVICE DELIVERY POINT FOR ERTS IS WITHIN THE TELEPHONE HOUSING, THESE DEVICES SHALL BE CONNECTED DIRECTLY BY NRTS Co.
 - LRSC - DENOTES LED ROAD STUD CONTROLLER. THE SVDs ARE SHOWN ON THE SOUTHERN SIDE OF ROAD FOR CLARITY. THEY HAVE A CIRCULAR RANGE OF 500m AND CAN COVER BOTH CARRIAGEWAYS REGARDLESS OF POSITION. THE FINAL POSITIONING WILL BE DONE AT DETAIL DESIGN ONCE FULL DETAILS OF THE TOPOLOGY ARE KNOWN.
 - SVD & AID DETECTORS SHALL BE INTEGRATED INTO A SINGLE USER INTERFACE WITH A RESPONSE TIME FROM A VEHICLE STOPPING TO THE INDICATION APPEARING ON THE USER INTERFACE OF LESS THAN 10s.
 - ITPD 1.2.2:

LOCATIONS	PROVISION FOR EA	MAINTENANCE HARDSTANDING
CH 10500 (EB & WB)	RETAINED CUT WEST OF TUNNEL	PLACES OF RELATIVE SAFETY
CH 11000/10950 (EB & WB)	WIDENED VERGES WEST OF COUNTESS	NO



P04	08/04/21	FOR QUALITY SUBMISSION	SY	RC	DS	DS
P05	16/04/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P06	17/05/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P07	10/06/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P08	18/06/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

Client

Project

Amesbury to Berwick Down

Drawing title

MOTORWAY COMMUNICATIONS
GEOGRAPHIC LAYOUTS

SHEET 8 OF 13

Drawing status

S4 - SUITABLE FOR STAGED APPROVAL

State Code

Preliminary

Project Stage

PCF Stage 5

Scale

1:2500

Jacobs No.

HE551506

Client no.

HE551506

Drawing number

HE551506 - BGR - HOS - SWGN000Z

Originator

BGR - HOS -

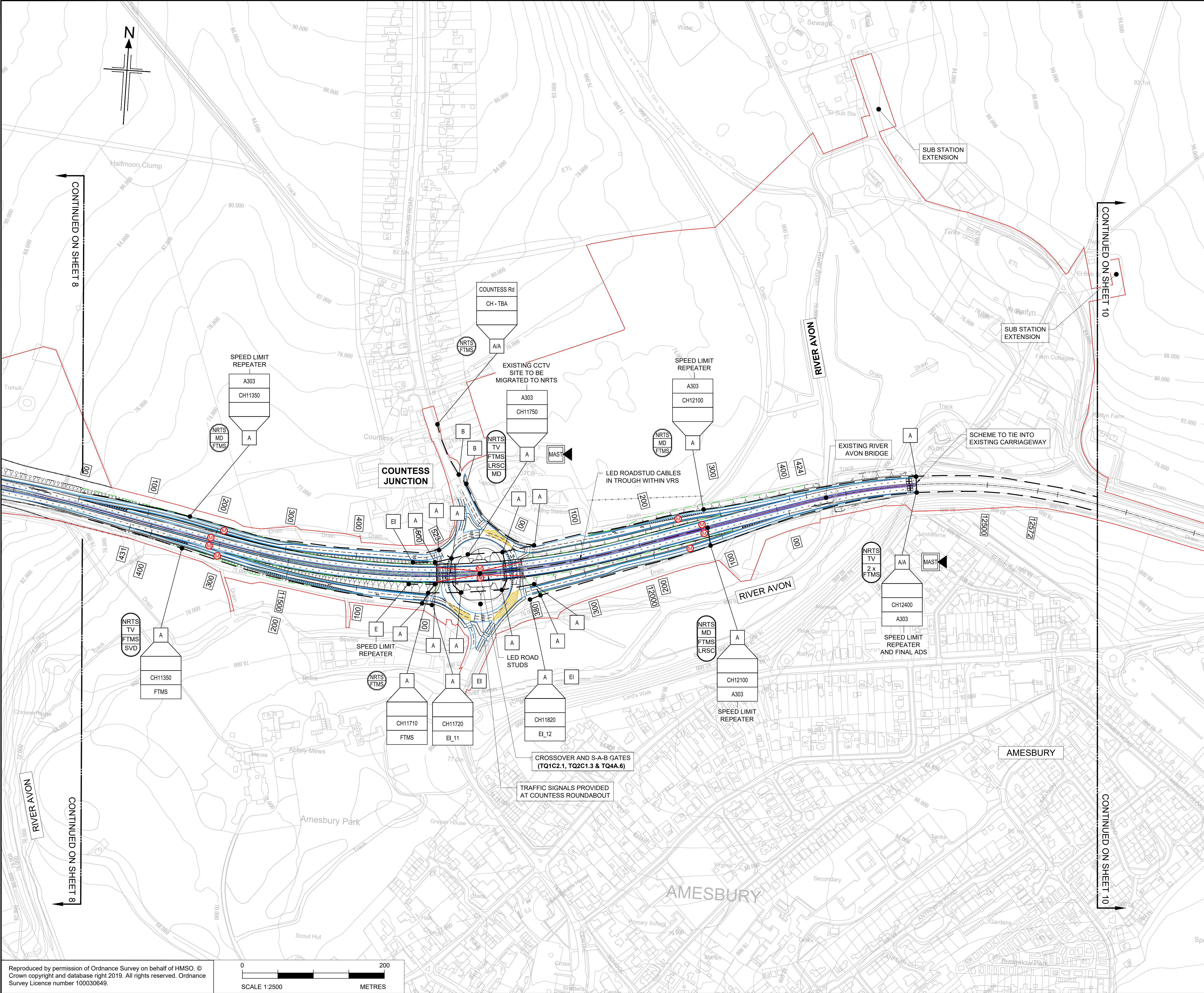
Volume

DR-TE-0008

DO NOT SCALE

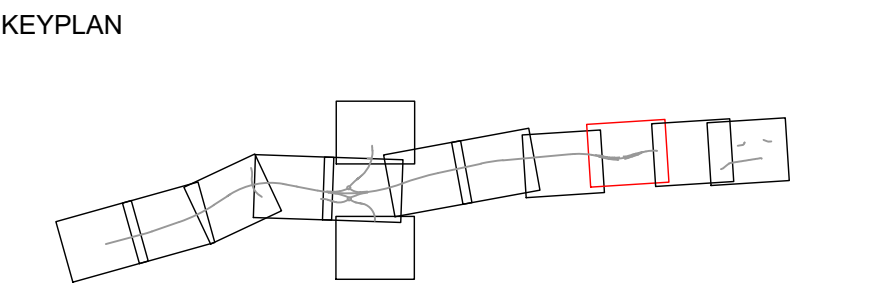
Rev

P08



- NOTES:
1. DENOTES MAGNETOMETER MIDAS DETECTOR.
 2. ELECTRICAL INTERFACES (EI) LOCATIONS ARE BASED ON THE PCF PRODUCT "APPLICATION FOR ROADSIDE ELECTRICITY CONNECTIONS (EXIT POINTS)". THESE LOCATIONS ARE SUBJECT TO WAYLEAVE AND DNO CAPACITY CONSTRAINTS AND MAY BE SUBJECT TO CHANGE.
 3. NRTS COMMUNICATIONS TRANSMISSION DESIGN TO BE CONDUCTED BY NRTS Co. THE POSITION AND CONFIGURATION OF THE TRANSMISSION CABINETS AT THE SCHEME EXTENTS ARE INDICATIVE.
 4. ERT WIRING TO BE INSTALLED BY NRTS Co.
 5. FTMS SITES ON APPROACH ROADS TO BE CONNECTED USING NRTS Co. 4G WIRELESS SERVICES.
 6. THE DUCT ROUTES SHOWN SHALL BE PROVIDED FOR THE INSTALLATION OF NRTS Co. LONGITUDINAL AND LOCAL FIBRE OPTIC CABLES TO ENABLE THE NRTS Co. ACCESS SWITCHES IN THE 600C CABINETS. WITH THE EXCEPTION OF ERT CIRCUITS, ALL LOCAL CABLES FROM THE NRTS NODES TO THE END DEVICES SHALL BE PROVIDED BY THE CONTRACTOR. AS THE SERVICE DELIVERY POINT FOR ERTS IS WITHIN THE TELEPHONE HOUSING, THESE DEVICES SHALL BE CONNECTED DIRECTLY BY NRTS Co.
 7. LRSC - DENOTES LED ROAD STUD CONTROLLER.
 8. THE SVDs ARE SHOWN ON THE SOUTHERN SIDE OF THE ROAD FOR CLARITY. THEY HAVE A CIRCULAR RANGE OF 500m AND CAN COVER BOTH CARRIAGEWAYS REGARDLESS OF POSITION. THE FINAL POSITIONING WILL BE DONE AT DETAILED DESIGN ONCE FULL DETAILS OF THE TOPOLOGY ARE KNOWN.
 9. SVD & AID DETECTORS SHALL BE INTEGRATED INTO A SINGLE USER INTERFACE WITH A RESPONSE TIME FROM A VEHICLE STOPPING TO THE INDICATION APPEARING ON THE USER INTERFACE OF LESS THAN 10s.
 10. ITPD 1.2.2:

LOCATIONS	PROVISION FOR EA	MAINTENANCE HARDSTANDING
CH 1300 (EB & WB)	WIDENED VERGES	ADJACENT HARDSTANDING FOR ITS SITE
CH 2600 (EB & WB)	LAYBYS INCLUDES AS PART OF THE DESIGN	NO
CH 3600 (EB & WB)	WIDENED VERGES EAST OF B3083 UB	ADJACENT HARDSTANDING FOR ITS SITE
CH 4300/4400 (EB & WB)	WIDENED VERGES EAST OF RIVER TILL VIADUCT	ADJACENT HARDSTANDING FOR ITS SITE
CH 5750 (EB & WB)	WIDENED VERGES EAST OF GB3	ADJACENT HARDSTANDING FOR ITS SITE
CH 7100 (EB & WB)	RETAINED CUT WEST OF TUNNEL	PLACES OF RELATIVE SAFETY
CH 10500 (EB & WB)	RETAINED CUT EAST OF TUNNEL	PLACES OF RELATIVE SAFETY
CH 11000/10950 (EB & WB)	WIDENED VERGES WEST OF COUNTLESS SLIPS	NO



P04	08/04/21	FOR QUALITY SUBMISSION	SY	RC	DS	DS
P05	16/04/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P06	17/05/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P07	10/06/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
P08	18/06/21	FOR QUALITY SUBMISSION	SB	RC	DS	DS
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd



Client

highways
england

Project

A303
Amesbury to Berwick Down

Drawing title

MOTORWAY COMMUNICATIONS
GEOGRAPHIC LAYOUTS

Drawing status

S4 - SUITABLE FOR STAGED APPROVAL

State Code	Preliminary	DO NOT SCALE
Project Stage	PCF Stage 5	
Scale	1:2500	
Jacobs No.	HE551506	Rev P08
Client no.	HE551506	

Drawing number

HE551506 - BGR - HOS-

Location

SWGN000Z

Volume

-DR-TE-0009