

HIGHWAY LIGHTING NOTES

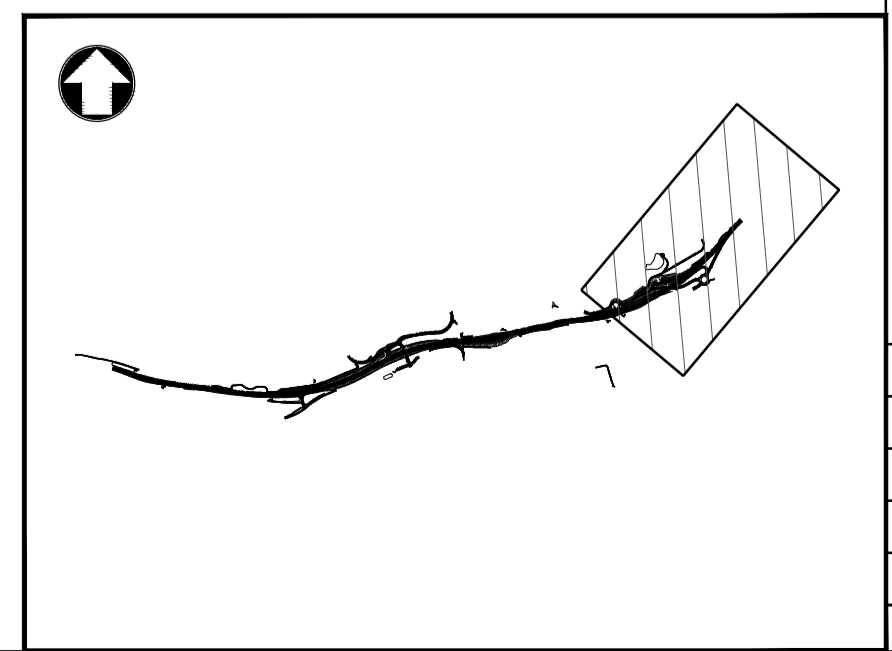
- DO NOT SCALE FROM THIS DRAWING.
- THIS PRELIMINARY LIGHTING DESIGN IS BASED ON THE RECOMMENDATIONS PROVIDED IN BS 5489-1:2013 - CODE OF PRACTICE FOR THE DESIGN OF ROAD LIGHTING, PART 1: LIGHTING OF ROADS AND PUBLIC AMENITY AREAS AND BS EN13201:2015 ROAD LIGHTING, PART 2: PERFORMANCE REQUIREMENTS.
- FOR CONFIRMATION OF LIGHTING CLASSES PLEASE REFER TO LIGHTING AND ELECTRICAL PRELIMINARY DESIGN RATIONALE DOCUMENT HE551507-MMSJV-HLG-000-RP-EO-00010.
- ALL PROPOSED LANTERNS ARE SUPPLIED BY CU PHOSCO.
- ALL PROPOSED LANTERNS ARE G6 LUMINOUS INTENSITY CLASS IN ACCORDANCE WITH DMRB TD 34/07, 2.9 TO LIMIT THE ENVIRONMENTAL IMPACT.
- ALL PROPOSED LIGHTING COLUMN LOCATIONS ARE INDICATIVE AND SUBJECT TO CONFIRMATION AT THE DETAILED DESIGN STAGE.
- PROPOSED FEEDER PILLAR LOCATIONS ARE INDICATIVE AND SUBJECT TO CONFIRMATION AT THE DETAILED DESIGN STAGE.
- DUE TO UNKNOWN GROUND OBSTRUCTIONS, THE PROPOSED HDPE ELECTRICAL CABLE DUCT ROUTE IS SUBJECT TO CONFIRMATION ON SITE.
- ALL PROPOSED STREETLIGHTING COLUMNS ARE PASSIVELY SAFE AS NO VRS IS AVAILABLE.
- ALL LIGHTING COLUMNS ARE AT LEAST MINIMUM CLEARANCE FROM THE EDGE OF THE CARRIAGEWAY AS RECOMMENDED IN BS 5489-1:2013 4.3.3.3 TABLE 2.

UNDERBRIDGE LIGHTING NOTES

- AS INDICATED BY THE CLOUD, THE PROPOSED DESIGN FOR THE UNDERBRIDGE LIGHTING IS FOR ILLUSTRATIVE PURPOSES ONLY. FINAL EQUIPMENT QUANTITIES / WATTAGE, BASED ON THE UNDERBRIDGE LIGHTING REQUIREMENTS TO BE DETERMINED AT THE DETAILED DESIGN STAGE.
- INDICATIVE POSITION OF LANTERN DRIVERS. HOWEVER SUBJECT TO DETAILED DESIGN.

- PROPOSED 10M LIGHTING COLUMN, POST TOP MOUNTED CU PHOSCO P850, LAMP FLUX: 17.06KLM, LUMINAIRE TILT: ZERO DEGREES FROM HORIZONTAL & LUMINOUS INTENSITY CLASS G6.
- PROPOSED 10M LIGHTING COLUMN, POST TOP MOUNTED CU PHOSCO P850, LAMP FLUX: 16.83KLM, LUMINAIRE TILT: ZERO DEGREES FROM HORIZONTAL & LUMINOUS INTENSITY CLASS G6.
- PROPOSED 10M LIGHTING COLUMN, POST TOP MOUNTED CU PHOSCO P850, LAMP FLUX: 25.29KLM, LUMINAIRE TILT: ZERO DEGREES FROM HORIZONTAL & LUMINOUS INTENSITY CLASS G6.
- INDICATIVE 100MM HDPE DUCT ROUTE
- INDICATIVE DUCT ROAD CROSSING (INCLUDING SPARE DUCT)
- INDICATIVE DRAW PIT LOCATION
- INDICATIVE FEEDER PILLAR LOCATIONS
- LOW WATTAGE LANTERN
- HIGH WATTAGE LANTERN
- PHOTOMETER MOUNTED ON 6M POLE (P01, P02)

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Project Title A303 SPARKFORD TO ILCHESTER DUALLING					
Drawing Title FIGURE 2.6 PROPOSED LIGHTING LAYOUT HAZLEGROVE JUNCTION					
Drawing Status Published - DEFINITION					Suitability A3
Scale AS SHOWN	Designed KS	Drawn SB	Checked AS	Approved NE	
Original Size A1	Date 03/05/18	Date 20/07/18	Date 20/07/18	Date 20/07/18	
Drawing Number HE PIN 000	Originator MMSJV	Volume - HLG -	Project Ref. No. 389107		
REV. C01	DATE 20/07/18	DCO SUBMISSION	SB	AS	NE
REV.	DATE	AMENDMENT DETAILS	ORIG	CHKD	APPD
Location 000 - DR - EO - 0010			Type	Role	Number C01