

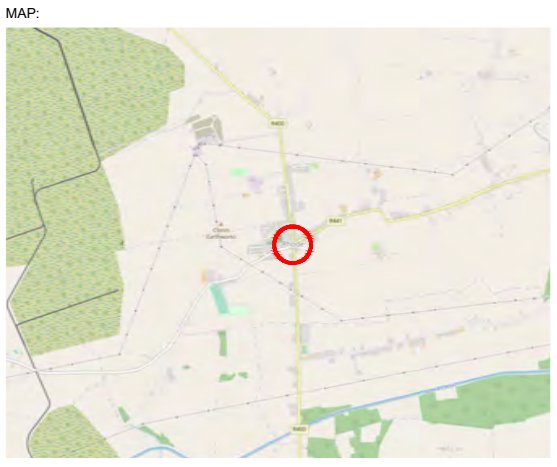
DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO REMAIN OPERATIONAL AND CLEAR OF TRAFFIC MANAGEMENT MATERIALS
R441 ZEBRA CROSSING TO THE EAST TO REMAIN OPERATIONAL AND CONNECT WITH TEMPORARY WALKWAY LEADING TO CENTRA / CIRCLE K
LOCAL ACCESS TO BE MAINTAINED
R441 CAR PARK TO REMAIN OPEN, ACCESS IS TO BE LIMITED TO THE EAST OF THE CAR PARK ONLY TO ALLOW FOR THE WORKS
TRAFFIC EXITING CIRCLE K / CENTRA IS TO YIELD TO MAINLINE R400 TRAFFIC
HARD STANDING / SHOULDER ON NORTHBOUND R400 IS TO BE CONED OFF TO PREVENT ROADSIDE PARKING

PHASE 1A - NORTH EAST QUADRANT FOOTPATH WORKS



CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate			
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:			
●	ROAD CONE	—	PEDESTRIAN BARRIER
⬅	SIGN MARKER	---	PEDESTRIAN ROUTE
▨	WORKS AREA		
▨	LONGITUDINAL SAFETY ZONE		
—	LATERAL SAFETY ZONE		



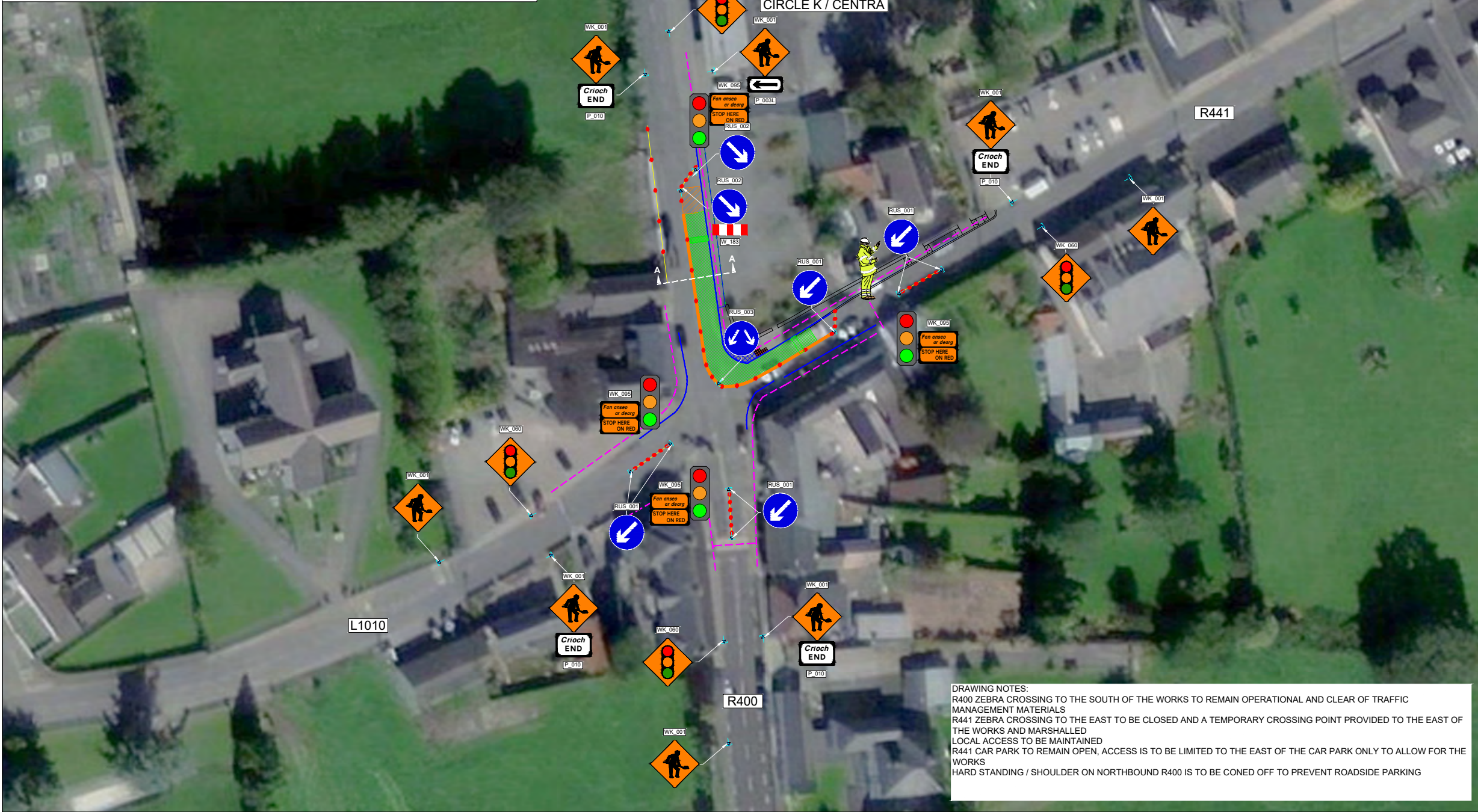
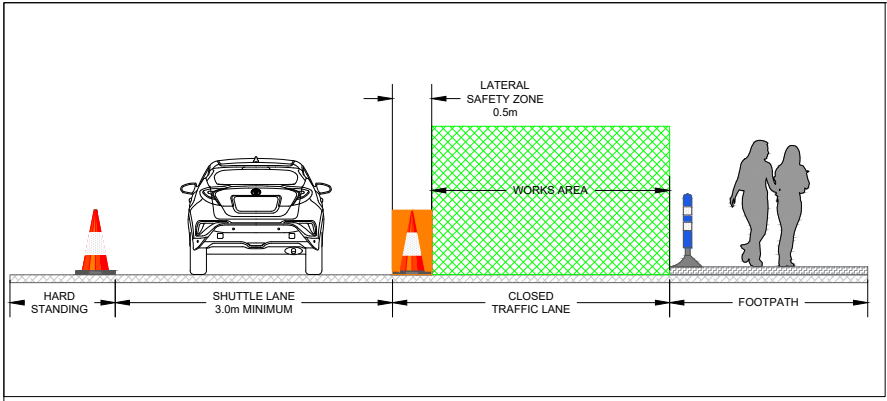
PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 1A NORTH EAST QUADRANT			
SCALE AT A3: NTS	DATE: 21/07/2023	DRAWN: SJ	CHECKED: NW
DRAWING NO: D007-144-001a			REVISION: 0

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NOTES:

- ALL INFORMATION CONTAINED IN THIS TTM DRAWING SHOULD BE CHECKED AGAINST THE EXISTING ROAD GEOMETRY TO ENSURE THAT THIS TRAFFIC MANAGEMENT DRAWING IS AS PER CURRENT CONDITIONS.
- THE TEMPORARY TRAFFIC MANAGEMENT CONTRACTOR IS REQUIRED TO HAVE CARRIED OUT A DYNAMIC ON-SITE RISK ASSESSMENT PRIOR TO THE INSTALLATION OF THIS TTM DRAWING TO ENSURE THAT THE CONDITIONS REFLECT THOSE CONSIDERED FOR THE DESIGN.
- ALL TTM WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH GOVERNING BODY AND LOCAL AUTHORITY REQUIREMENTS AND BE INCLUDED IN THE SAFETY & HEALTH PLAN
- THIS TTM DRAWING HAS BEEN DRAFTED AS PER THE PARAMETERS SET OUT IN DTAS CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL TEMPORARY TRAFFIC MEASURES AND SIGNS FOR ROADWORKS 2019 FOR LEVEL 1 ROADS ONLY, AND AS SUCH IS NOT INTENDED TO BE USED ON ANY OTHER CLASSIFICATION OF ROAD.
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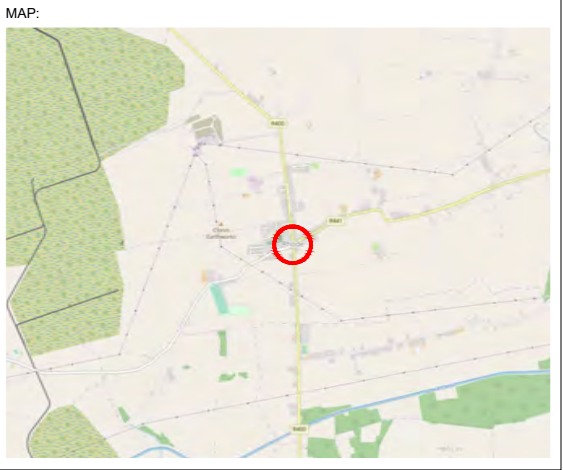
DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO REMAIN OPERATIONAL AND CLEAR OF TRAFFIC MANAGEMENT MATERIALS
R441 ZEBRA CROSSING TO THE EAST TO BE CLOSED AND A TEMPORARY CROSSING POINT PROVIDED TO THE EAST OF THE WORKS AND MARSHALLED
LOCAL ACCESS TO BE MAINTAINED
R441 CAR PARK TO REMAIN OPEN, ACCESS IS TO BE LIMITED TO THE EAST OF THE CAR PARK ONLY TO ALLOW FOR THE WORKS
HARD STANDING / SHOULDER ON NORTHBOUND R400 IS TO BE CONED OFF TO PREVENT ROADSIDE PARKING

PHASE 1B - NORTH EAST QUADRANT CARRIAGEWAY WORKS



CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate	-	-	-
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:	<div><div>ROAD CONE</div><div>SIGN MARKER</div><div>WORKS AREA</div><div>LONGITUDINAL SAFETY ZONE</div><div>LATERAL SAFETY ZONE</div><div>PEDESTRIAN BARRIER</div><div>PEDESTRIAN ROUTE</div></div>		



PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 1B NORTH EAST QUADRANT			
SCALE AT A3:	DATE:	DRAWN:	CHECKED:
NTS	21/07/2023	SJ	NW
DRAWING NO: D007-144-001b			REVISION: 0

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NOTES:

- A) ALL INFORMATION CONTAINED IN THIS TTM DRAWING SHOULD BE CHECKED AGAINST THE EXISTING ROAD GEOMETRY TO ENSURE THAT THIS TRAFFIC MANAGEMENT DRAWING IS AS PER CURRENT CONDITIONS.

B) THE TEMPORARY TRAFFIC MANAGEMENT CONTRACTOR IS REQUIRED TO HAVE CARRIED OUT A DYNAMIC ON-SITE RISK ASSESSMENT PRIOR TO THE INSTALLATION OF THIS TTM DRAWING TO ENSURE THAT THE CONDITIONS REFLECT THOSE CONSIDERED FOR THE DESIGN.

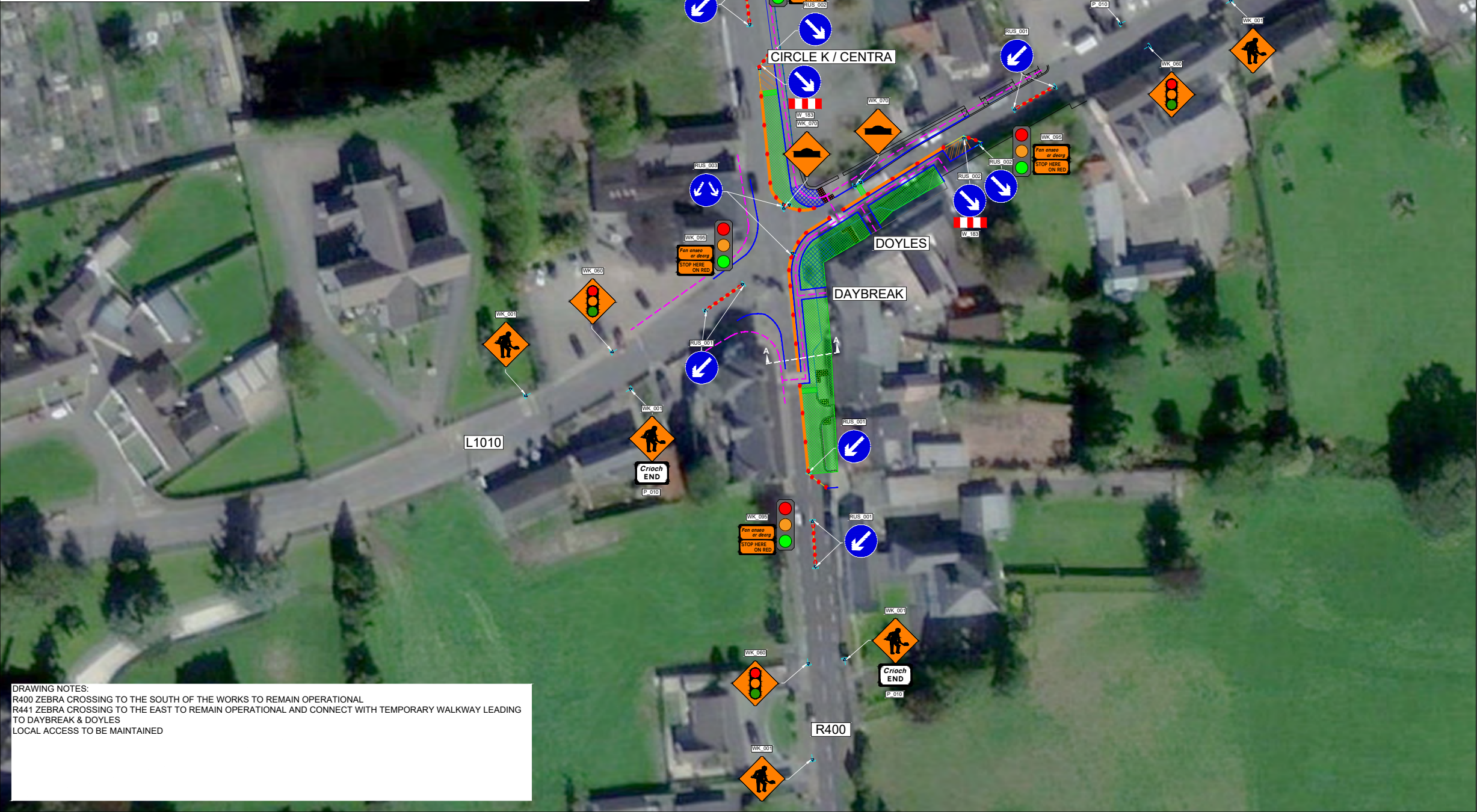
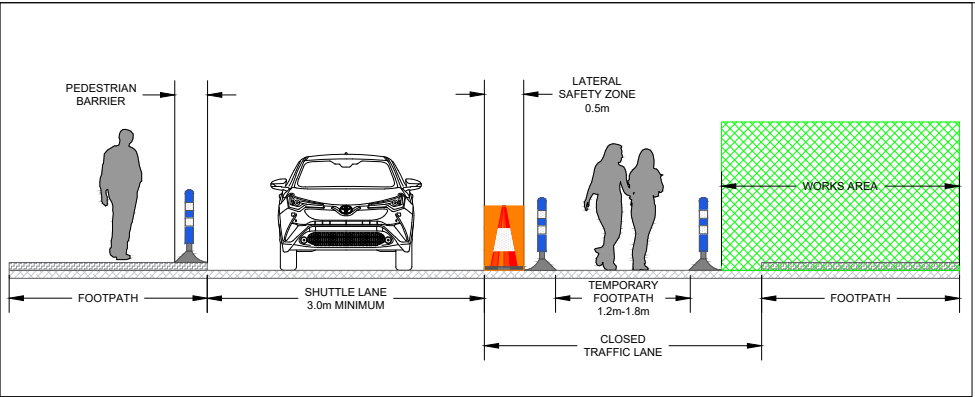
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- D) THIS TTM DRAWING HAS BEEN DRAFTED AS PER THE PARAMETERS SET OUT IN DTTAS CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL TEMPORARY TRAFFIC MEASURES AND SIGNS FOR ROADWORKS 2019 FOR LEVEL 1 ROADS ONLY, AND AS SUCH IS NOT INTENDED TO BE USED ON ANY OTHER CLASSIFICATION OF ROAD.

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H) THE TTM DESIGNER ACCEPTS NO RESPONSIBILITY FOR THE RESULTS WHERE CHAPTER 8, TTM DESIGN GUIDANCE AND TTM OPERATION GUIDANCE HAVE NOT BEEN ADHERED TO IN THEIR ENTIRETY.

I) ANY ALTERATION OTHER THAN BY THE TTM DESIGNER RENDERS THIS TTM DRAWING AND INFORMATION HEREIN VOID.



DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO REMAIN OPERATIONAL
R441 ZEBRA CROSSING TO THE EAST TO REMAIN OPERATIONAL AND CONNECT WITH TEMPORARY WALKWAY LEADING TO DAYBREAK & DOYLES
LOCAL ACCESS TO BE MAINTAINED

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NOTES:

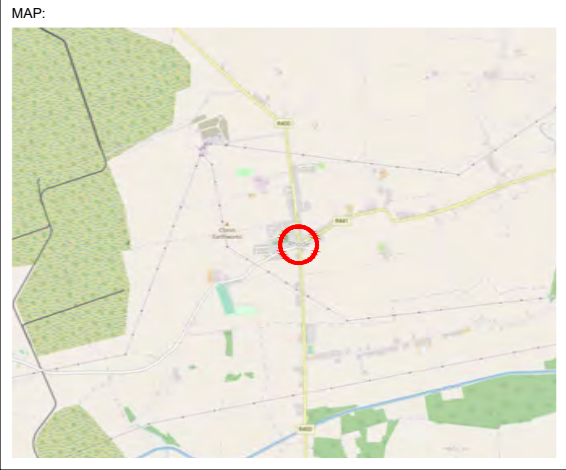
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PHASE 2A - SOUTH EAST QUADRANT FOOTPATH WORKS

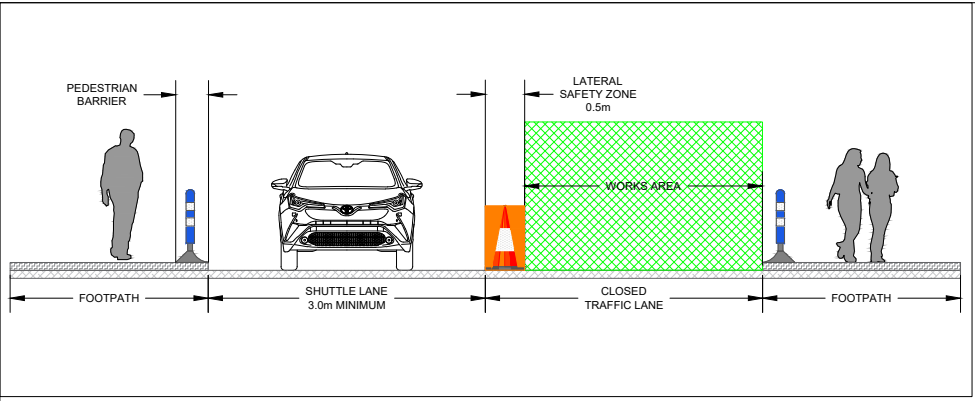


CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate			
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:			
	ROAD CONE		PEDESTRIAN BARRIER
	SIGN MARKER		PEDESTRIAN ROUTE
	WORKS AREA		
	LONGITUDINAL SAFETY ZONE		
	LATERAL SAFETY ZONE		



PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 2A SOUTH EAST QUADRANT			
SCALE AT A3: NTS	DATE: 21/07/2023	DRAWN: SJ	CHECKED: NW
DRAWING NO: D007-144-002a			REVISION: 0



DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO BE SUSPENDED AND A TEMPORARY CROSSING POINT PROVIDED TO THE SOUTH OF THE WORKS TO BE MARSHALLED
R441 ZEBRA CROSSING TO THE EAST TO BE SUSPENDED AND A TEMPORARY CROSSING POINT PROVIDED FURTHER EAST TO BE MARSHALLED
LOCAL ACCESS TO BE MAINTAINED

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NOTES:

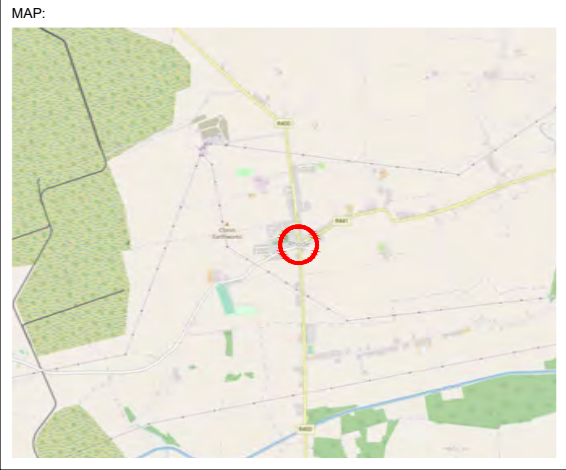
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PHASE 2B - SOUTH EAST QUADRANT CARRIAGEWAY WORKS

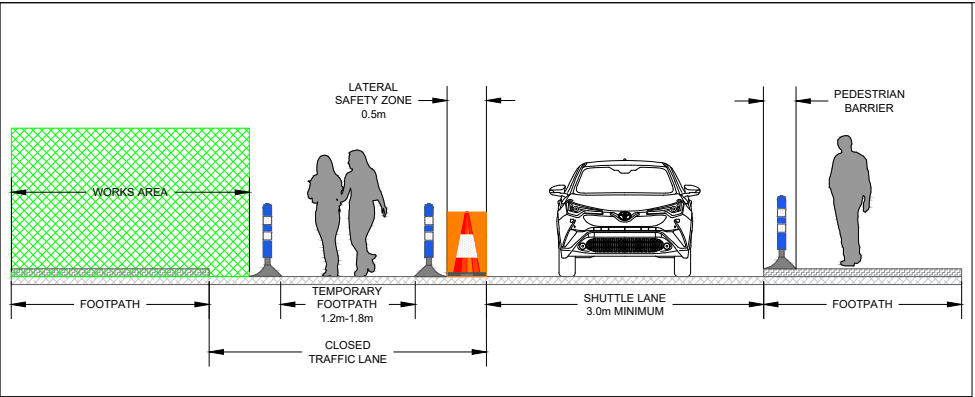


CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate			
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:			
	ROAD CONE		PEDESTRIAN BARRIER
	SIGN MARKER		PEDESTRIAN ROUTE
	WORKS AREA		
	LONGITUDINAL SAFETY ZONE		
	LATERAL SAFETY ZONE		



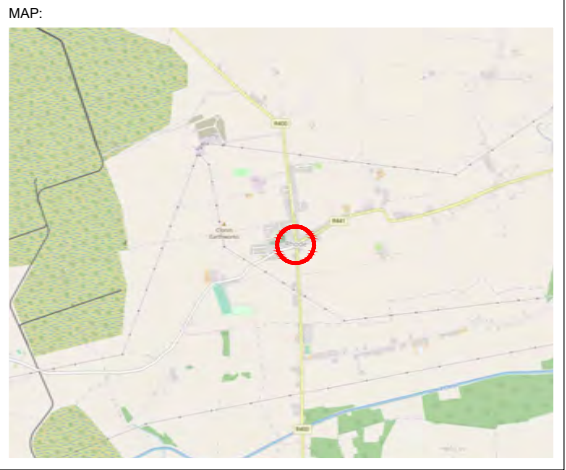
PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 2B SOUTH EAST QUADRANT			
SCALE AT A3: NTS	DATE: 21/07/2023	DRAWN: SJ	CHECKED: NW
DRAWING NO: D007-144-002b			REVISION: 0



DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO REMAIN OPERATIONAL
R441 ZEBRA CROSSING TO THE EAST TO REMAIN OPERATIONAL
PEDESTRIAN ACCESS TO RYANS PHARMACY AND OTHER AFFECTED BUSINESSES AND PROPERTIES TO REMAIN ACCESSIBLE AT ALL TIMES
LA BELLE HAIR DESIGN & JIMMY'S TAKEAWAY WILL HAVE LIMITED VEHICULAR ACCESSIBILITY - AGREEMENT WITH LOCAL BUSINESSES TO BE SOUGHT TO PROVIDE CAR PARKING NEARBY
BUS STOPS ON L1010 TO BE SUSPENDED AND TEMPORARY BUS STOPS PROVIDED
LOCAL ACCESS TO BE MAINTAINED

CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate	-	-	-
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:	<div><div>ROAD CONE</div><div>SIGN MARKER</div><div>WORKS AREA</div><div>LONGITUDINAL SAFETY ZONE</div><div>LATERAL SAFETY ZONE</div><div>PEDESTRIAN BARRIER</div><div>PEDESTRIAN ROUTE</div></div>		



PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 3A SOUTH WEST QUADRANT			
SCALE AT A3:	DATE:	DRAWN:	CHECKED:
NTS	21/07/2023	SJ	NW
DRAWING NO: D007-144-003a			REVISION: 0

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NOTES:

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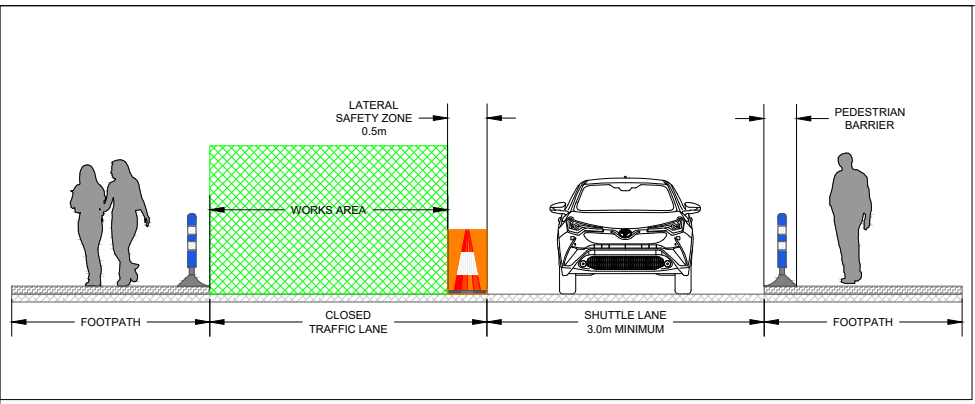
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DRAWING NOTES:
R400 ZEBRA CROSSING TO THE SOUTH OF THE WORKS TO REMAIN OPERATIONAL
R441 ZEBRA CROSSING TO THE EAST TO REMAIN OPERATIONAL
TEMPORARY PEDESTRIAN CROSSING POINT TO BE PROVIDED TO THE WEST OF THE WORKS TO BE MARSHALLED
LOCAL ACCESS TO BE MAINTAINED

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NOTES:

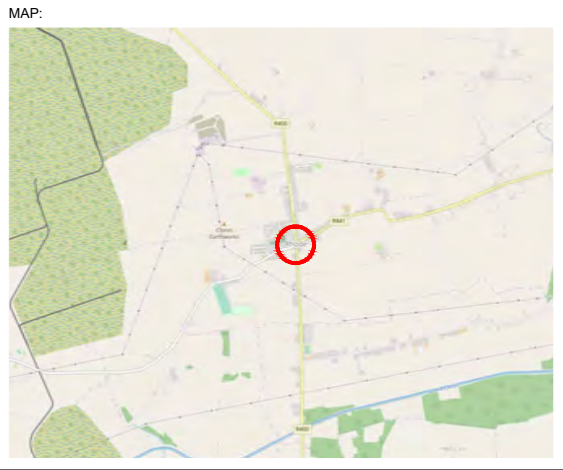
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PHASE 3B - SOUTH WEST QUADRANT CARRIAGEWAY WORKS

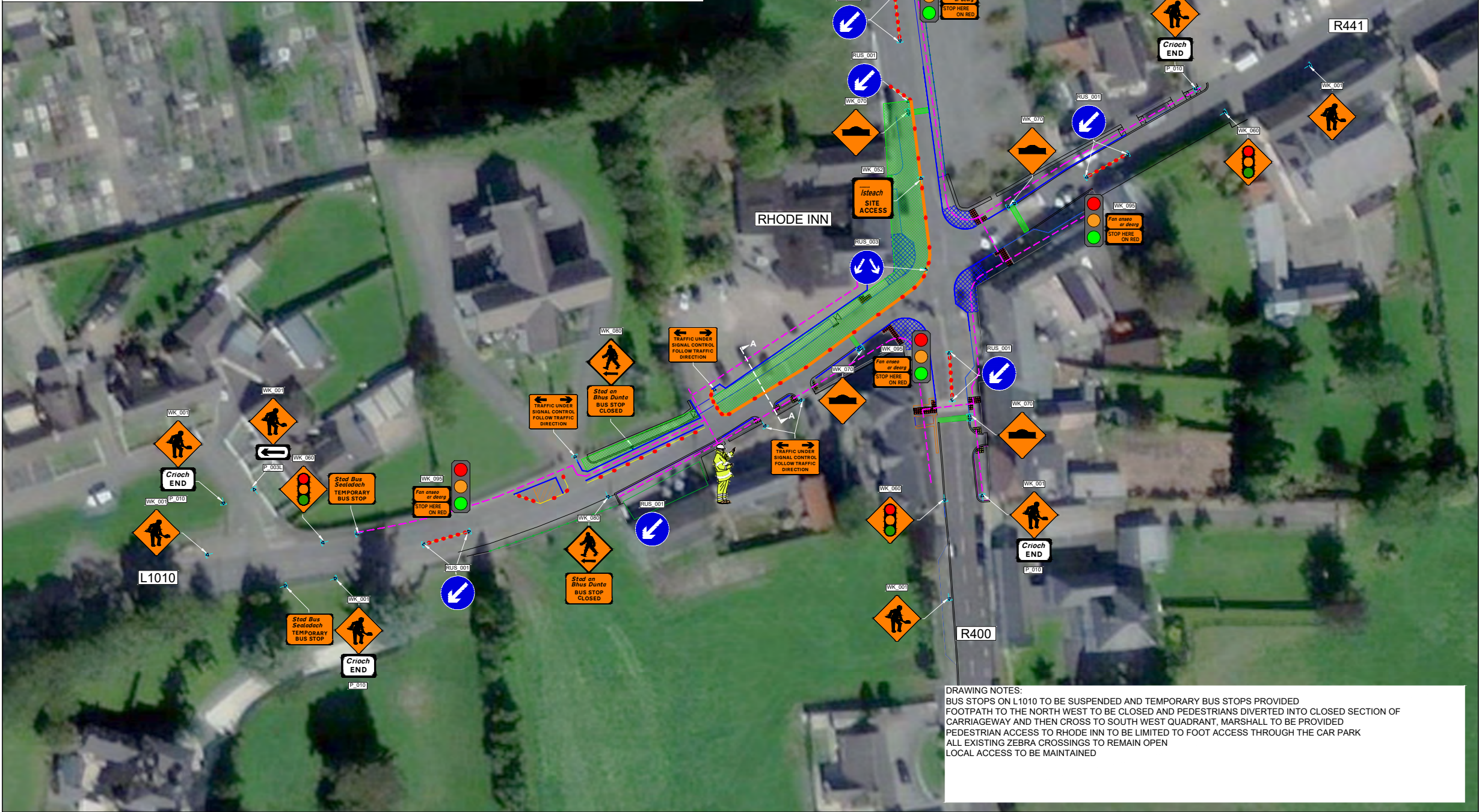
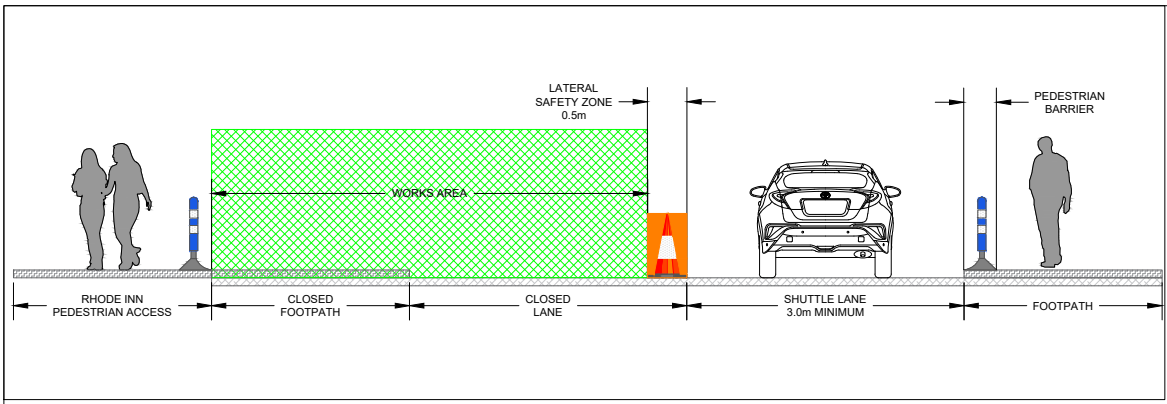


CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate			
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:			
ROAD CONE			
SIGN MARKER			
WORKS AREA			
LONGITUDINAL SAFETY ZONE			
LATERAL SAFETY ZONE			
PEDESTRIAN BARRIER			
PEDESTRIAN ROUTE			



PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 3B SOUTH WEST QUADRANT			
SCALE AT A3:	DATE:	DRAWN:	CHECKED:
NTS	21/07/2023	SJ	NW
DRAWING NO: D007-144-003b			REVISION: 0



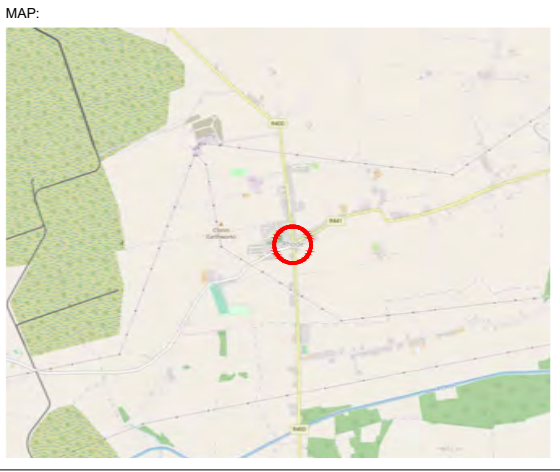
DRAWING NOTES:
BUS STOPS ON L1010 TO BE SUSPENDED AND TEMPORARY BUS STOPS PROVIDED
FOOTPATH TO THE NORTH WEST TO BE CLOSED AND PEDESTRIANS DIVERTED INTO CLOSED SECTION OF
CARRIAGEWAY AND THEN CROSS TO SOUTH WEST QUADRANT, MARSHALL TO BE PROVIDED
PEDESTRIAN ACCESS TO RHODE INN TO BE LIMITED TO FOOT ACCESS THROUGH THE CAR PARK
ALL EXISTING ZEBRA CROSSINGS TO REMAIN OPEN
LOCAL ACCESS TO BE MAINTAINED

PHASE 4 - NORTH WEST QUADRANT FOOTPATH & CARRIAGEWAY WORKS



CHAPTER 8 - ROAD LEVEL 1(iii): ≤ 50km/h			
Design Parameters	TYPE A >12 hours	TYPE B <12 hours	TYPE C <15 mins
Advance Warning Signs			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
No. of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate	1 in 5	1 in 5	-
Hard Shoulder Taper Rate	-	-	-
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m)	3	3	-
Longitudinal Spacing (m)	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes (minimum)			
Lane Width (m)	3 (2.5)	3 (2.5)	-
Two-Way Road Width (m)	5	5	-

REV:	DESCRIPTION:	BY:	DATE:
KEY:	<div><div>ROAD CONE</div><div>SIGN MARKER</div><div>WORKS AREA</div><div>LONGITUDINAL SAFETY ZONE</div><div>LATERAL SAFETY ZONE</div><div>PEDESTRIAN BARRIER</div><div>PEDESTRIAN ROUTE</div></div>		



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NOTES:

- A) ALL INFORMATION CONTAINED IN THIS TTM DRAWING SHOULD BE CHECKED AGAINST THE EXISTING ROAD GEOMETRY TO ENSURE THAT THIS TRAFFIC MANAGEMENT DRAWING IS AS PER CURRENT CONDITIONS.

B) THE TEMPORARY TRAFFIC MANAGEMENT CONTRACTOR IS REQUIRED TO HAVE CARRIED OUT A DYNAMIC ON-SITE RISK ASSESSMENT PRIOR TO THE INSTALLATION OF THIS TTM DRAWING TO ENSURE THAT THE CONDITIONS REFLECT THOSE CONSIDERED FOR THE DESIGN.

C) ALL TTM WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH GOVERNING BODY AND LOCAL AUTHORITY REQUIREMENTS AND BE INCLUDED IN THE SAFETY & HEALTH PLAN
- D) THIS TTM DRAWING HAS BEEN DRAFTED AS PER THE PARAMETERS SET OUT IN DTTAS CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL TEMPORARY TRAFFIC MEASURES AND SIGNS FOR ROADWORKS 2019 FOR LEVEL 1 ROADS ONLY, AND AS SUCH IS NOT INTENDED TO BE USED ON ANY OTHER CLASSIFICATION OF ROAD.

E) THIS SITE SPECIFIC TRAFFIC MANAGEMENT DRAWING APPLIES ONLY TO THE LOCATION, PROJECT TYPE AND GEOMETRY OF THE ROAD OF WHICH IS SPECIFIED.

F) ANY REPRODUCTION OR COPYING OF THIS DOCUMENT IS PROHIBITED.
- G) THIS TTM DRAWING IS ONLY TO BE INSTALLED WHEN TRAFFIC COUNTS HAVE BEEN TAKEN AND RESULT IN THE APPROPRIATE LIMITS SET OUT IN DTTAS CHAPTER 8.

H) THE TTM DESIGNER ACCEPTS NO RESPONSIBILITY FOR THE RESULTS WHERE CHAPTER 8, TTM DESIGN GUIDANCE AND TTM OPERATION GUIDANCE HAVE NOT BEEN ADHERED TO IN THEIR ENTIRETY.

I) ANY ALTERATION OTHER THAN BY THE TTM DESIGNER RENDERS THIS TTM DRAWING AND INFORMATION HEREIN VOID.

PROJECT: RHODE ACTIVE TRAVEL SCHEME			
TITLE: PHASE 4 NORTH WEST QUADRANT			
SCALE AT A3:	DATE:	DRAWN:	CHECKED:
NTS	21/07/2023	SJ	NW
DRAWING NO: D007-144-004			REVISION: 0