



OVERVIEW PLAN

NOTES

1. Do not scale from this drawing. If in doubt refer to the Project Manager for clarification.
2. Dimensions are in metres unless stated otherwise.
3. If there is any ambiguity between this drawing, other drawings and the Specification, refer to the Project Manager for clarification.
4. This plan is based on OS Base mapping only.
5. Existing items shown in grey.
6. This is a preliminary design for information purposes only.
7. This drawing has not been subjected to Road Safety Audit.

KEY

- Proposed footway
- Proposed kerb line
- Proposed road markings (line types vary)
- Advisory cycle lane to be provided where width is available. Refer to indicative arrangement drawing M000687-SK-011 and 012.

Geometric Design Parameters - Existing

	ARM 1	ARM 2	ARM 3	ARM 4
Entry width (m)	e 9.23	6.79	9.2	6.18
Approach half width (m)	v 4.52	4.67	4.74	4.56
Average effective flare length (m)	l 10.95	2.48	9.85	9.67
Sharpness of flare	S 0.688	1.368	0.724	0.268
ICD (m)	D 38	38	38	38
Entry angle	PHI 33.5deg	32.0deg	32.0deg	26.5deg
Entry radius (m)	r 15.76	16.5	19.85	19.23

Geometric Design Parameters - Proposed

	ARM 1	ARM 2	ARM 3	ARM 4
Entry width (m)	e 9.11	7.35	9.41	9.04
Approach half width (m)	v 6	4.38	4.58	5
Average effective flare length (m)	l 16.5	3.39	9.23	9.54
Sharpness of flare	S 0.302	1.402	0.837	0.678
ICD (m)	D 43	43	43	43
Entry angle	PHI 33.5deg	33.0deg	30.5deg	29.5deg
Entry radius (m)	r 23.52	15	23.71	27.93



REV	DATE	REVISION DESCRIPTION / DETAILS	DRN BY	CHKD BY	APRVD BY
B	18/02/21	INDICATIVE CYCLE FACILITIES ADDED	PS	UM	DM
A	14/08/20	INITIAL ISSUE	UM	DHG	DM

CLIENT:

JOB TITLE: CONSOLIDATION OF CITY MARKETS

DRAWING TITLE: CHOATS ROAD ROUNDABOUT

STATUS: **FOR INFORMATION**

DRAWING NO: M000687-DR-000-001 | REV: B | SCALE: 1:500 @ A1