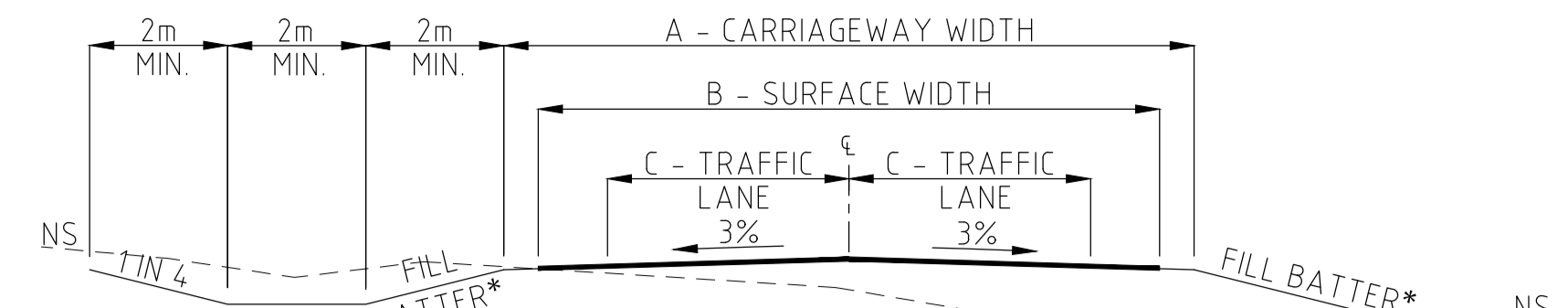


NOTE:
KERB SIDE LANE TO BE MINIMUM 5.0m WIDE DURING STAGE CONSTRUCTION

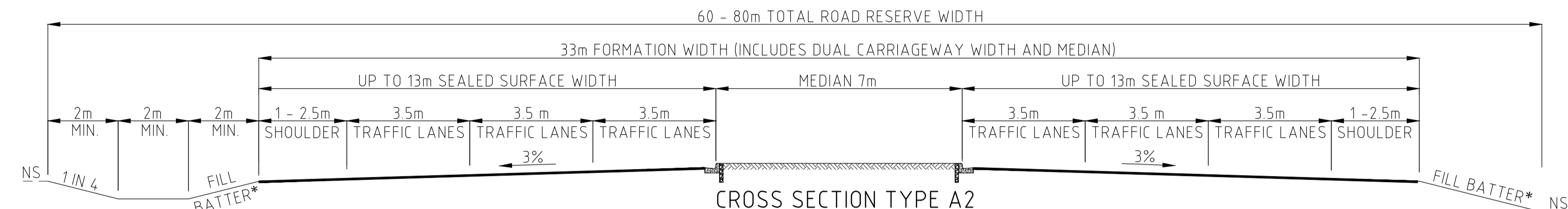
CROSS SECTION TYPE A1
URBAN - PRIMARY ARTERIALS



NOTE:
PAVEMENT AND SEAL TO EXTEND A MINIMUM OF 1.0m IN TO THE MEDIAN. SHOULDERS TO BE SEALED, MINIMUM 1.0m.

CROSS SECTION TYPE B
RURAL SEALED ROADS

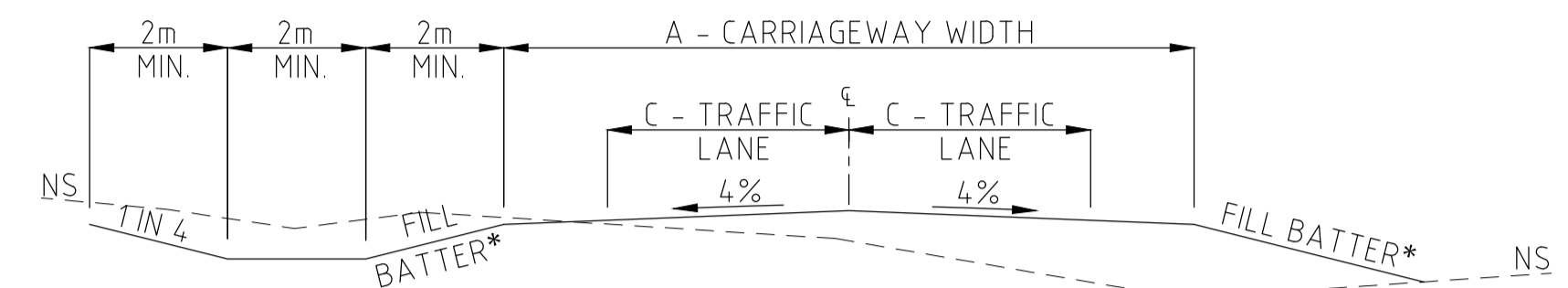
*REFER NOTE 3



NOTE:
TOTAL ROAD RESERVE WIDTH 60 - 80m TO ALLOW FOR SIDE DRAINS AND POSSIBLE SERVICES. SHOULDERS TO BE SEALED, MINIMUM 1.0m.

CROSS SECTION TYPE A2
SEMI-URBAN - PRIMARY ARTERIALS

*REFER NOTE 3



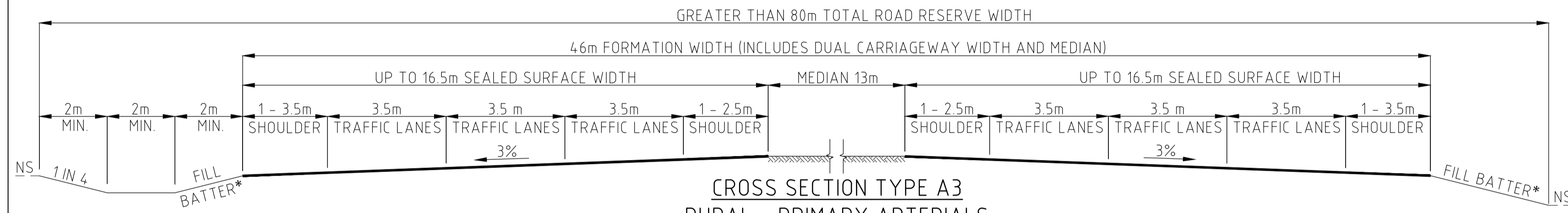
CROSS SECTION TYPE C
RURAL UNSEALED ROADS

*REFER NOTE 3

RURAL ENVIRONMENT

TYPICAL CROSS SECTIONS - RURAL ENVIRONMENT

ROAD CLASSIFICATION	AUSTRoad CLASS	TYPE CROSS SECTION	CARRIAGE WAY WIDTH (m) (INCLUDING MEDIAN)	TRAFFIC LANES		SEAL/ GRAVEL WIDTH (m)	COMMENTS
				WIDTH (m)	SURFACE		
RURAL - NATIONAL HIGHWAY	CLASS 1	TYPE B	11.0	2 x 3.5	SEALED	9.0	NATIONAL STANDARDS UNDER REVIEW. SEAL WIDTH MAY BE INCREASED TO 9.0m DEPENDING ON LOCAL ISSUES
RURAL ARTERIAL	CLASS 3	TYPE B	10.0	2 x 3.5	SEALED	9.0	> 1000 VPD - 20 YEAR PROJECTED VOLUMES, SEE NOTE 1
RURAL SECONDARY ROADS	CLASS 4	TYPE B	9.0	2 x 3.0	SEALED	8.0	< 500 VPD - 20 YEAR PROJECTED VOLUMES, SEE NOTE 1
RURAL SECONDARY ROADS	CLASS 4	TYPE C	9.0	2 x 3.0	GRAVELLED	6.0	SEE NOTE 2
RURAL - LOCAL	CLASS 5	TYPE B	9.0	2 x 3.0	SEALED	8.0	FOR UNSEALED ROADS A 9.0m CARRIAGEWAY MAY BE APPROPRIATE IF FUTURE SEALING IS FORESEEABLE. SEE NOTE 2.
		TYPE C	8.0	2 x 3.0	GRAVELLED	6.0	
RURAL - SUBDIVISIONS	REFER TO CS3002						REFER TO DEVELOPMENT GUIDELINES BY THE TRANSPORT INFRASTRUCTURE PLANNING DIVISION.
PASTORAL ACCESS ROADS							
PASTORAL 1	CLASS 5	TYPE C	4.0	1 x 4.0	FORMED	-	SINGLE USER ACCESS
PASTORAL 2	CLASS 5	TYPE C	6.0	1 x 6.0	FORMED	-	MULTI USER ACCESS FOR UP TO 3 PROPERTIES
PASTORAL 3	CLASS 5	TYPE C	8.0	2 x 3.0	GRAVELLED	6.0	PROVIDES ACCESS TO GREATER THAN 3 PROPERTIES



CROSS SECTION TYPE A3
RURAL - PRIMARY ARTERIALS

*REFER NOTE 3

URBAN ENVIRONMENT

TYPICAL CROSS SECTIONS - URBAN ENVIRONMENT

ROAD CLASSIFICATION	AUSTRoad CLASS	TYPE CROSS SECTION	FORMATION (DUAL CARRIAGEWAY)	TRAFFIC LANES		SEAL WIDTH (m)	COMMENTS
				WIDTH (m)	SURFACE		
URBAN - PRIMARY ARTERIALS:							
URBAN	CLASS 6	TYPE A1	28.0	UP TO 3 x 3.5	SEALED	UP TO 10.5 EACH WAY	KERB SIDE LANE TO BE MINIMUM 5.0m WIDE DURING STAGE CONSTRUCTION. TOTAL ROAD RESERVE WIDTH 40m
SEMI - URBAN	CLASS 6	TYPE A2	33.0	UP TO 3 x 3.5 EACH WAY	SEALED	UP TO 13.0 EACH WAY (INC.FULL WIDTH SHOULDER SEAL)	SHOULDER TO BE SEALED MINIMUM 1.0m. TOTAL ROAD RESERVE WIDTH 60 -80m TO ALLOW FOR SIDE DRAINS AND POSSIBLE SERVICES.
RURAL	CLASS 6	TYPE A3	46.0	UP TO 3 x 3.5 EACH WAY	SEALED	UP TO 16.5 EACH WAY (INC.FULL WIDTH SHOULDER SEAL)	SHOULDER TO BE SEALED MINIMUM OF 1.0m.

URBAN ENVIRONMENT NOTES:

- REFER TO LOCAL GOVERNMENT GUIDELINES FOR URBAN SUB ARTERIALS (6000-12000 VPD), URBAN DISTRIBUTOR (LESS THAN 6000 VPD) AND URBAN COLLECTOR (LESS THAN 3000 VPD) ROADS.
- REFER TO DEPARTMENT GUIDELINES FOR URBAN LOCAL AND URBAN SUBDIVISION REQUIREMENTS.

GENERAL NOTES:

- REFER TO STANDARD DRAWING CS3002 FOR TYPICAL CROSS SECTIONS FOR SUBDIVISIONAL DEVELOPMENTS IN UNINCORPORATED AREAS (SHEET 1 of 2).

RURAL ENVIRONMENT NOTES:

- FOR PREDICATED FUTURE VOLUMES OF 500 - 1000 VPD THE STANDARD WILL DEPEND ON TRAFFIC MIX (NUMBERS OF ROAD TRAINS/CARAVANS/BUSES) AND TOPOGRAPHY AND WILL BE ASSESSED ON A CASE BY CASE BASIS. SEAL WIDTHS MAY ALSO BE INCREASED DEPENDING ON LOCAL ISSUES SUCH AS SEASONAL VARIATIONS (TOURISM) AND ENVIRONMENT.
- THE DECISION IN REGARD TO SEALED VERSUS GRAVEL STANDARD FOR A PARTICULAR ROAD WILL DEPEND ON FACTORS SUCH AS PROPOSED USE (IE HORTICULTURAL), ENVIRONMENT, PREDICTED USE AND THE LIKE AND SHOULD BE REFERRED TO TRANSPORT INFRASTRUCTURE PLANNING DIVISION.
- PREFERRED FILL BATTER SLOPE 1:6. ABSOLUTE MINIMUM 1:4.

No.	DESCRIPTION	DATE	NAME	DEPT/COMPANY
3	CROSS SECTION TYPE A3 AND TABLE AMENDED	SEP 2021	N.K	EES
2	SEALING DETAIL AMENDED	FEB 2020	S.SHI	EES
1	TABLE DETAILS AMENDED	MAR 2019	S.SHI	EES/DIPL
0	ISSUED AS A STANDARD DRAWING	SEPT 2017	J.LEESON	EES/DIPL
AMENDMENTS				

WARNING

BEWARE OF UNDERGROUND SERVICES.
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

DRAWN J.LEESON	CHECKED S.HATZI
DATE MAR 2017	DATE MAR 2017
DESIGNED J.LEESON	CHECKED S.HATZI
DATE MAR 2017	DATE MAR 2017
DESIGN LEADER S.HATZI	DESIGN DIRECTOR S.JACKSON
DATE 1/09/2017	DATE 1/09/2017



STANDARD DRAWINGS TYPICAL CROSS SECTIONS				
TYPICAL CROSS SECTIONS FOR URBAN AND RURAL ENVIRONMENTS				
FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.
-	-	2 OF 2	CS3003	3
				SHEET SIZE A1