

NOTES

- 1.) REFER TO CROSSOVER SPECIFICATION FOR GENERAL CROSSOVER REQUIREMENTS.
- 2.) BACK FILL WITH CLEAN FILL, GRAVEL OR TOP SOIL TO SUIT SURROUNDING GROUND LEVEL.
- 3.) CROSSOVER SHALL BE FREE OF ALL TRIP HAZARDS AND BE DRAINED TOWARDS ROAD SURFACE, OR SUITABLY CAPTURED AND MANAGED ON PRIVATE PROPERTY.
- 4.) CROSSOVER MUST BE SET BACK A MINIMUM 500 mm FROM EXISTING SERVICES/VEGETATION, AND A MINIMUM 1 m FROM STORMWATER SIDE ENTRY PITS.
- 5.) CROSSOVERS SHALL BE GRADED 2.5% UP FROM TOP OF KERB TO A POINT NO LESS THAN 2m FROM BACK OF KERB. FROM THIS POINT, THE CROSSOVER CAN BE GRADED TO MATCH EXISTING PROPERTY LEVELS.
- 6.) CROSSOVERS WITH A LONGITUDINAL GRADE GREATER THAN 5% SHOULD BE AVOIDED WHERE POSSIBLE. MAXIMUM LONGITUDINAL GRADE IS 10%. APPROVAL SHOULD BE SOUGHT FOR GRADES GREATER THAN 10%.

BRICK PAVING CROSSOVERS

- 7.) PAVERS SHALL BE MINIMUM 50 mm THICKNESS AND BE SUITABLE FOR VEHICULAR TRAFFIC.
- 8.) HEADER COURSE SHALL BE PROVIDED ALONG EACH EDGE OF CROSSOVER.
- 9.) EDGE PAVERS SHALL BE HAUNCHED WITH CONCRETE FILLET EDGE RESTRAINT TO RETAIN PAVERS AND REDUCE LATERAL MOVEMENT.
- 10.) PAVERS SHALL BE BEDDED ON A MINIMUM 30 mm COMPACTED SAND BLINDING LAYER ATOP A COMPACTED GRANULAR (GRAVEL OR LIMESTONE) BASE.

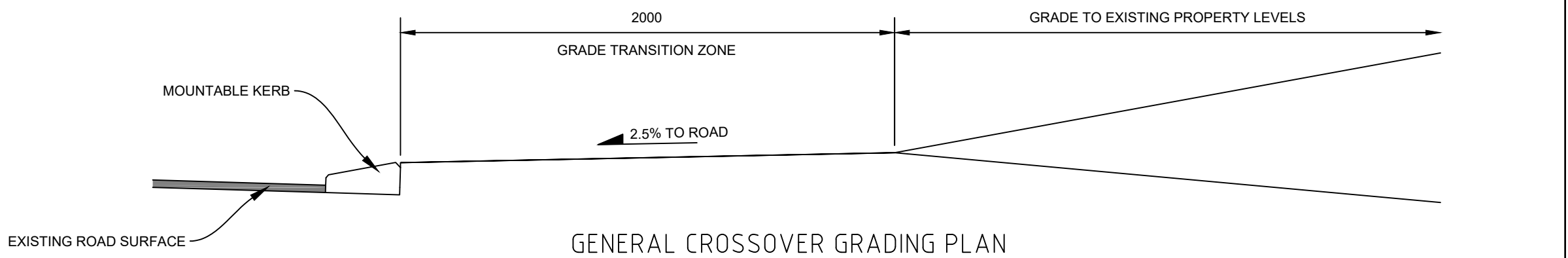
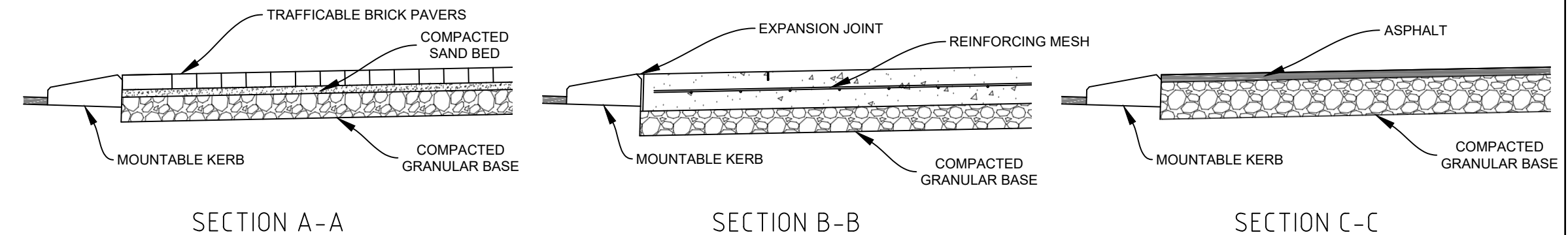
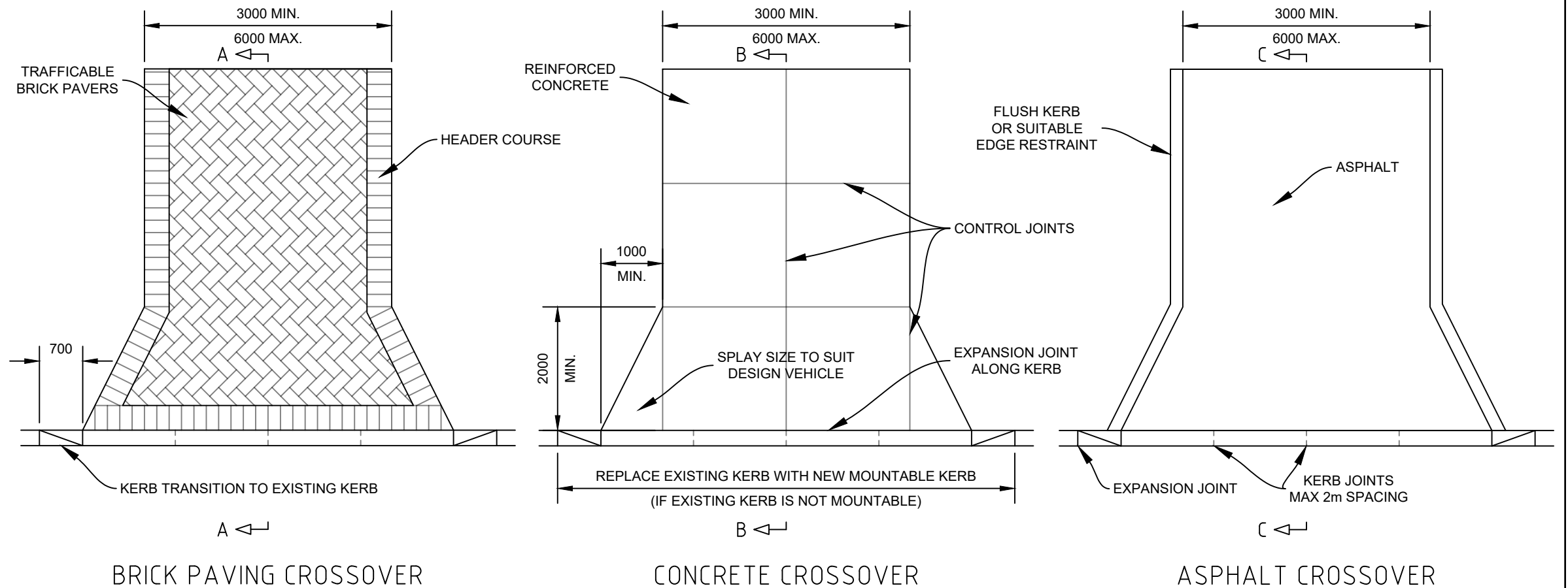
CONCRETE CROSSOVERS

- 11.) CONCRETE SHALL BE MINIMUM 150 mm THICK ON COMPACTED GRANULAR (GRAVEL OR LIMESTONE) BASE.
- 12.) EXPANSION JOINTS SHALL BE PROVIDED AT BACK OF KERB AND WHERE CROSSOVER ABUTS EXISTING SERVICES, PATH OR OTHER INFRASTRUCTURE. EXPANSION JOINTS SHALL BE FILLED, FULL DEPTH WITH A POLYURETHANE SEALANT OR APPROVED SIMILAR.
- 13.) CONTROL JOINTS SHALL BE INSTALLED AT LOCATIONS SHOWN, OR WHERE THERE IS A CHANGE OF SURFACE LEVEL. CONTROL JOINTS SHALL BE FORMED WITH A SUITABLE JOINTING TOOL OR SAW CUT TO A MIN DEPTH OF ¼ THICKNESS OF CONCRETE.
- 14.) CROSSOVER SHALL BE MINIMUM 32 MPa AND BE REINFORCED WITH SL72/F72 REINFORCEMENT MESH, CENTRALLY PLACED.

ASPHALT CROSSOVERS

- 15.) ASPHALT SHALL BE MINIMUM 25 mm THICK DENSE GRADED ASPHALT ON MINIMUM 150 mm COMPACTED GRANULAR (GRAVEL OR LIMESTONE) BASE.
- 16.) TACK COAT SHALL BE APPLIED TO PREPARED GRANULAR BASE PRIOR TO INSTALLING ASPHALT.

1	Sep 2017	RELEASED FOR IMPLEMENTATION
A	Aug 2017	Prepared for internal comment
NUMBER	DATE	DESCRIPTION
REVISION TABLE		



GUIDELINE DRAWING SERIES 200 - CROSSOVERS	DRAWN CJY	DESIGNED CJY		PROJECT TITLE	SCALE	DATE	REV No.
	SURVEY	CHECKED JH		SHIRE OF AUGUSTA MARGARET RIVER	NOT TO SCALE	September 2017	1
	INFRASTRUCTURE SERVICES TECHNICAL SERVICES - WORKS			Orig. Size A3	SHEET TITLE	DWG No.	
				URBAN RESIDENTIAL CROSSOVER DETAILS	URBAN RES CROSSOVER-201		

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.