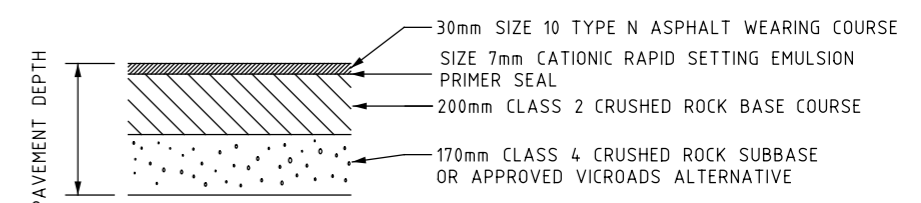
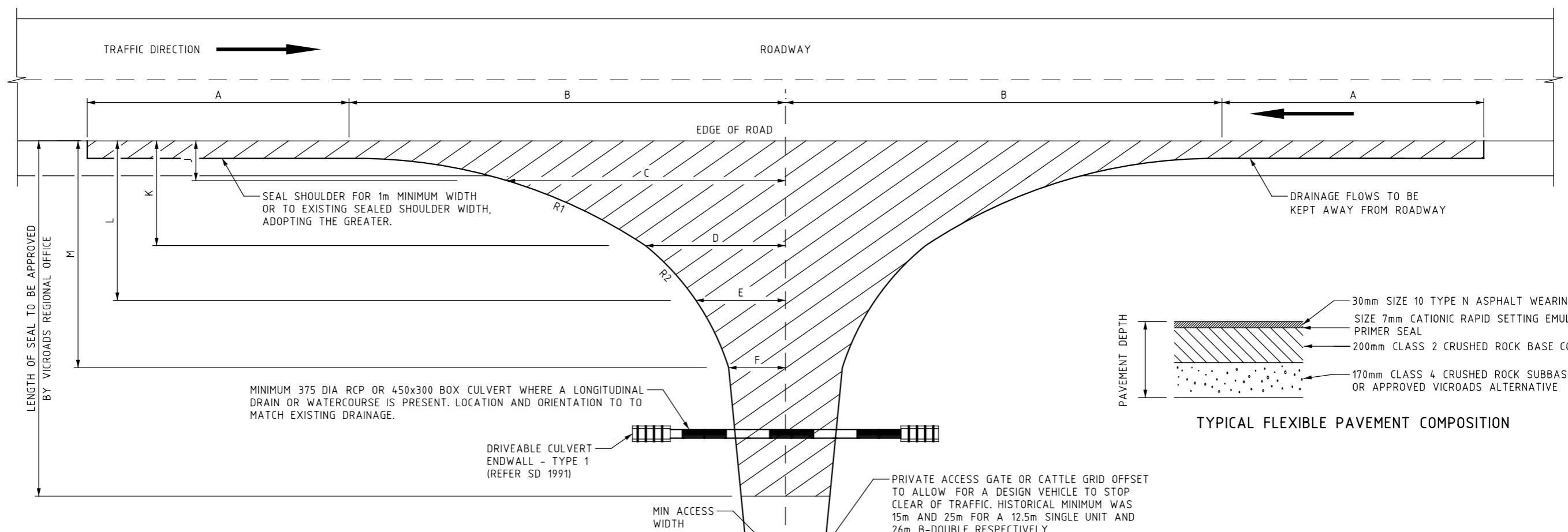


ISSUE	APPROVED BY	DATE	AMENDMENT
-	M-SSE	07/2020	SUPERSEDES SD2064, SD2065 & SD2066



TYPICAL FLEXIBLE PAVEMENT COMPOSITION

TABLE 2: ACCESS SETOUT DETAILS

VEHICLE TYPE	A	B	C	D	E	F	J	K	L	M	R1	R2	G
26m B-DOUBLE	15.0	30.3	20.4	11.0	6.1	3.7	2.1	5.3	9.4	15.3	45	13	4.3
19m SEMI TRAILER	15.0	24.6	17.2	10.3	5.2	3.0	1.9	4.6	9.3	15.7	30	14	4.2
ARTICULATED 19m BUS	15.0	21.9	14.4	7.5	4.4	2.9	2.1	5.4	9.6	14.7	26	15	4.0
12.5m SINGLE UNIT	15.0	20.1	12.9	6.4	4.1	3.0	2.2	5.6	9.7	16.3	23	18	4.0
TRUCK + 3 AXLE TRAILER	15.0	18.3	11.8	6.2	4.0	3.0	2.2	5.7	9.8	14.2	18	18	4.0
TRUCK + 4 AXLE TRAILER	15.0	19.2	12.2	6.0	4.0	3.0	2.3	5.9	9.8	14.0	20	17	4.0
8.8m SERVICE VEHICLE	15.0	12.6	8.7	5.4	4.1	3.5	1.8	4.1	6.7	9.6	10	13	4.0
PASSENGER VEHICLE	5.0	9.3	3.8	1.8	-	-	2.2	7.5	-	-	7.5	-	3.6

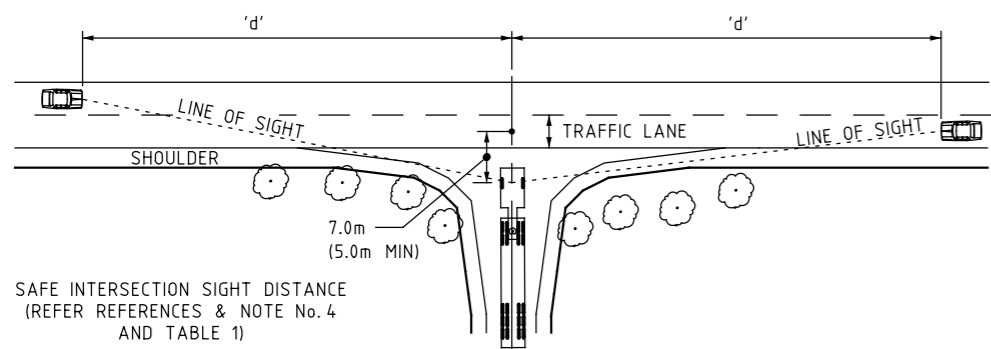
SETOUT DETAILS TO BE BASED ON THE DESIGN VEHICLE SELECTED.
CHECK VEHICLE MAY ENCR OACH ON TO OPPOSING TRAFFIC LANE IN <80KM/H SPEED ZONE FOR LOW VOLUME ROADS WITHOUT A CENTRAL BARRIER.

PLAN - DRIVEWAY ACCESS LAYOUT

TABLE 1: SIGHT DISTANCES

DESIGN SPEED (Km/h)	'd' SAFE INTERSECTION SIGHT DISTANCE (m)	CORRECTION (m)							
		ROADWAY UPGRADE				ROADWAY DOWNGRADE			
		2%	4%	6%	8%	2%	4%	6%	8%
60	123	-2	-4	-6	-7	2	5	8	11
70	151	-3	-5	-8	-10	3	7	11	15
80	181	-4	-7	-10	-13	4	9	14	20
90	226	-5	-9	-13	-16	5	11	18	25
100	262	-6	-11	-16	-20	6	14	22	31
110	300	-7	-13	-19	-24	8	17	26	38

THE DESIGN SPEED IS ASSUMMED TO BE 10km/h GREATER THAN THE POSTED SPEED LIMIT FOR RURAL HIGHWAYS AND ROADS



SAFE INTERSECTION SIGHT DISTANCE (REFER REFERENCES & NOTE No.4 AND TABLE 1)

MINIMUM VISIBILITY REQUIREMENTS (NOT TO SCALE)

GENERAL NOTES:

- PAVEMENT COMPOSITION: THE DIAGRAM IS A GUIDE FOR A TYPICAL LAYOUT OF A DRIVEWAY ACCESS FOR A RURAL PROPERTY FOR A 26m B-DOUBLE. THIS GUIDE WAS DEVELOPED IN THE INTEREST OF ROAD SAFETY AND TO PROTECT THE ROAD PAVEMENT AT THE ACCESS LOCATION. FINAL PAVEMENT COMPOSITION SHOULD BE DETERMINED BY EXISTING PAVEMENT AND SOIL TESTS, AND APPROVED BY VICROADS REGIONAL OFFICE.
- PAVEMENT DESIGN SHOULD BE IN ACCORDANCE WITH VICROADS CODE OF PRACTICE RC 500.22 - SELECTION AND DESIGN OF PAVEMENTS AND SURFACINGS AND AUSTRROADS GUIDE TO PAVEMENT TECHNOLOGY PART 2 - PAVEMENT STRUCTURAL DESIGN.
- A PLANNING PERMIT IS REQUIRED FOR A NEW ACCESS OR ALTERATION TO AN EXISTING DRIVEWAY AND MAY BE REQUIRED FOR THE REMOVAL OF NATIVE VEGETATION.
- A TRAFFIC MANAGEMENT PLAN MUST COMPLY WITH THE ROAD MANAGEMENT ACT AND APPLICABLE CODES IN RELATION TO ANY WORKS UNDERTAKEN WITHIN THE ROAD RESERVE.
- TRUCK WARNING SIGNS & GUIDE POSTS SHOULD BE INSTALLED IN ACCORDANCE WITH AUSTRROADS GUIDE TO TRAFFIC MANAGEMENT & VICROADS SUPPLEMENTS.
- THE DRIVEWAY ACCESS CONSTRUCTION AND MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER. MAINTENANCE ALSO INCLUDES ASSOCIATED DRAINAGE WORKS.

SIGHT DISTANCE:

- A DRIVER, WHEN LOCATED 7.0m (5.0m min) FROM THE CONFLICT POINT TAKEN AS THE CENTRE OF THE TRAFFIC LANE, NEEDS TO SEE A VEHICLE APPROACHING IN EITHER DIRECTION. REFER TABLE 1 FOR APPROPRIATE SIGHT DISTANCES.
- TREE CANOPIES, BUSHES OR OTHER OBJECTS SHALL BE REMOVED TO PROVIDE GOOD VISIBILITY. ANY TREE CANOPIES OVERHANGING THE PATH OF A TRUCK SHALL BE A MINIMUM OF 5.0m ABOVE THE GROUND SURFACE.
- SIGHT LINES MUST ACHIEVE THE MINIMUM SAFE INTERSECTION SIGHT DISTANCE BASED ON AN EYE HEIGHT OF 1.1m TO AN OBJECT HEIGHT OF 1.25m.

NOTES:
1. ALL DIMENSIONS ARE IN METRES, UNLESS SHOWN OTHERWISE
2. THIS DRAWING FORMS PART OF THE VRS TO AGRD PART 4 AND SHOULD BE READ IN CONJUNCTION WITH THOSE REFERENCES

REFERENCES:
AUSTRROADS GUIDE TO ROAD DESIGN PART 4
AUSTRROADS GUIDE TO ROAD DESIGN PART 4A
AUSTRROADS GUIDE TO ASSET MANAGEMENT PART 5
AUSTRROADS GUIDE TO PAVEMENT TECHNOLOGY PART 2
AUSTRROADS GUIDE TO TRAFFIC MANAGEMENT
VICROADS SUPPLEMENTS TO AUSTRROADS GUIDES
VICROADS CODE OF PRACTICE RC 500.22
- SELECTION AND DESIGN OF PAVEMENTS AND SURFACINGS
SD 1991 DRIVEABLE CULVERT ENDWALLS (TYPE 1)



AGRD PART 4
TYPICAL ACCESS TO RURAL PROPERTIES

NOT TO SCALE	APPROVED M-SSE	07/2020	GD NO. GD4010	ISSUE
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VicRoads Drawing No. 0