

WHERE POSSIBLE OFFSET CULVERT TO ALLOW FOR CLEAR ZONE

INSTALL PRECAST CONCRETE DRIVEABLE ENDWALL (BOTH ENDS OF CULVERT)

EXISTING TABLE DRAIN TO BE BACK FILLED WITH 'CLASS 3' FCR

SHOULDER

A

EDGE OF SEAL

NATURAL FALL

MINIMUM 5m OF SEAL WHEN EXIST. PAVEMENT IS SEALED

REFER TO SPEED/CLEAR ZONE TABLE ABOVE FOR REQUIREMENTS OF ENDWALLS & NOTE 9

ORIGINAL TABLE DRAIN ALIGNMENT

DRAIN DEVIATION (BOTH SIDES)

(REFER NOTE 7)

CULVERT TO EXTEND 0.5m (MIN) PAST EDGE OF CROSSING

CROSSING WIDTH NOT LESS THAN 3500

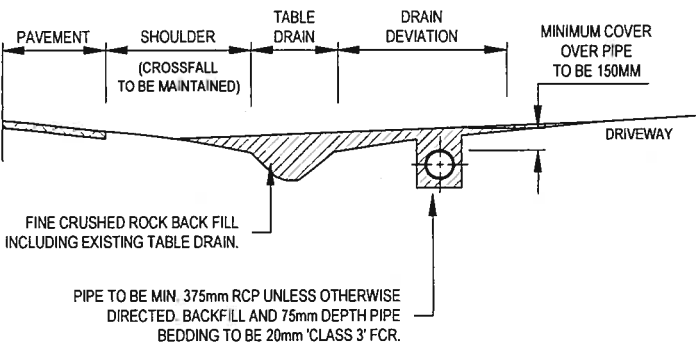
A

CROSSING TO BE FINISHED WITH MINIMUM 100mm DEPTH CRUSHED ROCK OR APPROVED EQUIVALENT

MIN. 375mm DIA. CL 4 REINFORCED CONCRETE PIPE ALTERNATIVE PIPE MATERIALS MAY BE APPROVED (EG PLASTIC, STEEL OR BOX CULVERT). CULVERT TO BE 4.8m LONG (MIN) OR 7.2m FOR TRUCK ACCESS SITUATIONS.

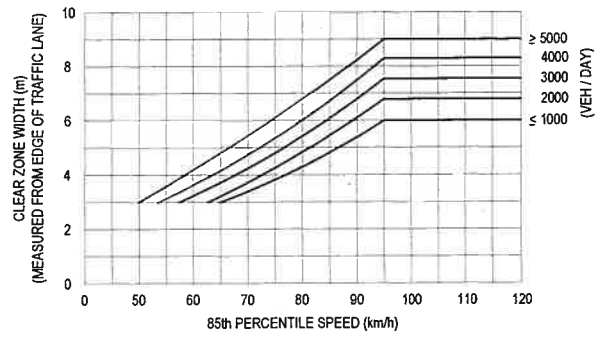
DRAIN DEVIATION: REDIRECT CHANNEL ALIGNMENT OVER SUFFICIENT LENGTH TO MAINTAIN GRADE IN INVERT OF DRAIN (BOTH SIDES)

PLAN



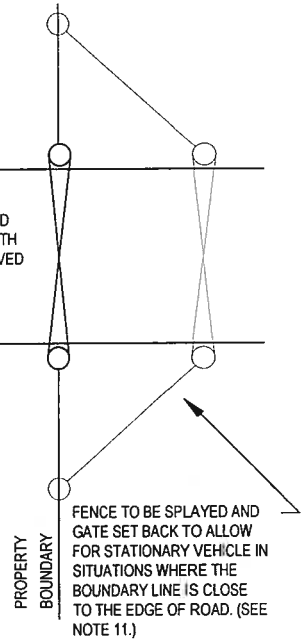
SECTION A-A

ALL MEASUREMENTS IN MILLIMETRES



TYPICAL CLEAR ZONE WIDTHS

(REFER NOTE 8)



NOTES:

1. THIS ARRANGEMENT IS INTENDED FOR RURAL LOW DENSITY RESIDENTIAL & FARMING ACCESS WAYS.
2. COUNCIL RESERVES THE RIGHT TO DIRECT THE USE OF CULVERT END WALL TYPE.
3. THIS IS A TYPICAL CROSSING PLAN. SLIGHT VARIATIONS MAY OCCUR AFTER INSPECTION AND APPROVAL OF LOCATION BY COUNCIL.
4. PRIOR TO THE CONSTRUCTION, THE CROSSING LOCATION SHALL BE APPROVED BY COUNCIL.
5. ALL WORKS TO BE COMPLETED TO THE SATISFACTION OF COUNCIL.
6. MAINTENANCE OF THE CROSSOVER REMAINS THE RESPONSIBILITY OF THE LAND OWNER.
7. INSTALL LOW PROFILE HEAD WALLS OUTSIDE CLEAR ZONE & DRIVEABLE END WALLS WITHIN CLEAR ZONE. NO CULVERT TO BE WITHIN 3m OF EDGE OF SEAL.
8. THE CLEAR ZONE TABLE SHOWN IS A GUIDE ONLY AND FOR FURTHER ACCURATE CLEAR ZONE GUIDELINES REFER TO AUSTRROADS' GUIDE TO ROAD DESIGN - PART 6: ROADSIDE DESIGN, SAFETY AND BARRIERS' TABLE 4.1: 'CLEAR ZONES DISTANCES FROM EDGE OF THROUGH TRAVELLED WAY'
9. TABLE DRAINS ARE NOT TO BE CLOSER THAN 1.0m FROM FENCE LINES OR SERVICES.
10. CROSSING PAVEMENT TO BE SEALED WHERE ABUTS A SEALED ROAD.
11. GATE OFFSET DIMENSIONS:

STANDARD VEHICLE TYPE	MINIMUM GATE OFFSET FROM EDGE OF THROUGH LANE (m)
CAR (5.0m)	8.2
RIGID TRUCK (12.0m)	12.5
SEMI (19.0m)	22
B-DOUBLE (25.0m)	28

TYPICAL SWALE DRAIN VEHICLE CROSSING (RURAL ENTRANCE)

LAST UPDATED 29/03/2016

SD 255

NOT TO SCALE

Infrastructure Design Manual Standard Drawings

A copy of the Infrastructure Design Manual can be viewed on the Design Manual website [www.designmanual.com.au](http://www.designmanual.com.au)

