



TYPICAL TWO WAY RURAL ROAD CROSS SECTION

NOTES:

1. DRAINAGE STRUCTURES TO BE DESIGNED IN ACCORDANCE WITH AUSTRROADS STANDARDS AND AUSTRALIAN RAINFALL AND RUNOFF. REFER TO ENGINEERING CODE FOR ARI REQUIREMENTS FOR SAID STRUCTURES.
2. MINIMUM CULVERT SIZE Ø375mm. CULVERT PIPE CLASS TO BE SELECTED BASED ON DESIGN LOADS TYPICALLY (CLASS 3). HEADWALLS SHALL BE PLACED AT BOTH INLET AND OUTLET WITH APPROPRIATE SCOUR PROTECTION.
3. INTERSECTIONS ARE TO BE DESIGNED IN ACCORDANCE WITH AUSTRROADS STANDARDS INCLUDING SIGHT DISTANCE, SIGNAGE AND GUIDEPOSTS.
4. AT THE END OF THE ROAD, A TURNING AREA WITH A MINIMUM RADIUS OF 10.0m SHALL BE PROVIDED. THE END OF THE ROAD SHALL BE CLEARLY INDICATED BY ERECTING SIGHTING SCREENS, GUIDE POSTS AND ADVANCE WARNINGS WHERE APPROPRIATE.
5. PRIOR TO ROAD CONSTRUCTION COMMENCING, ROAD PLANS MUST BE SUBMITTED TO AND APPROVED BY COUNCIL.
6. ROAD BATTERS ARE TO BE TYPICALLY 1:4 TO REDUCE SAFETY RISKS, EROSION AND FOR EASE OF MAINTENANCE. BATTERS GREATER THAN 1:4 ARE PERMITTED WHERE THERE ARE TERRAIN OR BOUNDARY CONSTRAINTS.
7. TABLE DRAIN INVERTS TO BE THE LOWER OF PAVEMENT SUBGRADE OR 500mm BELOW FINISHED ROAD SURFACE.

| ROAD CLASS  | RURAL ACCESS LANE | RURAL ACCESS MINOR / PRIMARY PRODUCTION, SMALL LOTS | RURAL ACCESS MAJOR / PRIMARY PRODUCTION, SMALL LOTS | RURAL COLLECTOR, MINOR | RURAL COLLECTOR, MAJOR | MAJOR DISTRIBUTOR | RURAL VILLAGE | PRIMARY PRODUCTION |
|---|-------------------|---|---|------------------------|------------------------|-------------------|---------------|--------------------|
| VEHICLES / DAY                                    | < 10              | 10 - 99   | 100 - 149   | 150 - 999              | 1000 - 7999            | > 8000            | -             | -                  |
| CARRIAGEWAY WIDTH                                 | 6.5m              | 7.5m  | 7.5m  | 8.0m                   | 9.0m                   | 11.0m             | 6.0m          | 7.5m               |
| SEAL WIDTH  | 5.5m              | 6.0m  | 7.5m  | 8.0m                   | 9.0m                   | 11.0m             | 7.0m          | 6.0m               |
| SHOULDER WIDTH                                    | -                 | 0.75m   | 0.75m   | 0.5m                   | 1.0m                   | 2.0m              | 1.0m          | 0.75m              |
| DESIRABLE SPEED ENVIRONMENT (km / h)              | 60                | 80  | 100   | 100                    | 100                    | 100               | 50            | 100                |
| DESIGN SPEED FOR INDIVIDUAL ELEMENTS (MIN) (km/h) | 60                | 80  | 80  | 80                     | 80                     | 100               | 40            | 80                 |

CHARACTERISTICS OF ROADS IN RURAL AREAS

|  |        |   |                     |                 |              |
|--|--------|---|---------------------|-----------------|--------------|
| <b>Armidale</b> <i>Dept of Public Infrastructure</i><br>Regional Council | SCALES | APPROVED                                  | D. MAUNDER          | 10/11/2016      | SHEET 1 OF 1 |
|  | NTS    | MANAGER ENGINEERING AND STANDARDS SUPPORT |                     | DATE            |              |
| <b>TYPICAL RURAL ROAD STANDARD</b>                                       |        | SURV                                      | AS SHEET SIZE       | DRAWING No      | AMDT No      |
|  |        | DRWN TY/ST                                | A3                  | 030-064         |              |
|  |        | DES                                       |                     |                 |              |
|  |        | CHKD MW                                   | CADFILE 030-064.dwg | DATE 10/11/2016 |              |