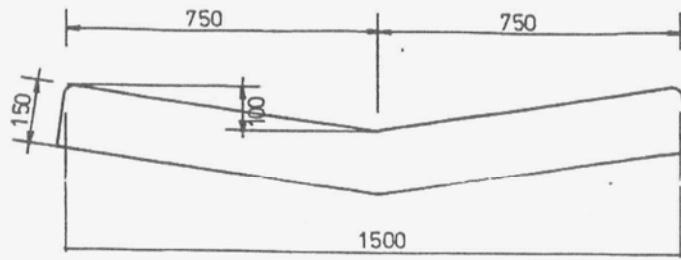


ACCESS CROSSING CONCRETE DISH AND CULVERT CROSSING FOR RESIDENTIAL, COMMERCIAL AND RURAL PREMISES

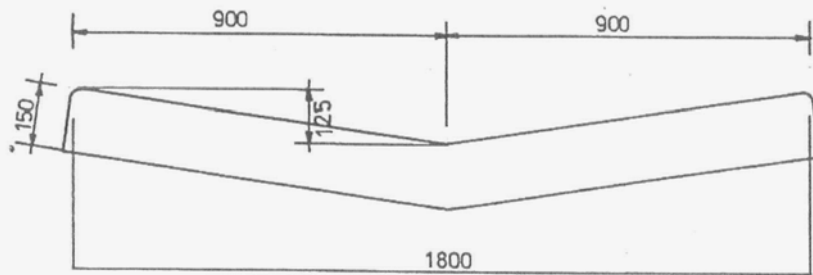
1. Approval must be obtained from Council's office prior to carrying out any work. A concrete access crossing application must be completed and submitted to Council.
2. Council's Civil and Environmental Department is to be notified on the day prior to execution of the work.
3. Inspection prior to any concrete pour will be carried out only during normal working hours, Monday to Friday. At least 24hrs notice is required.
4. Work must be in accordance with levels set out by Council's representative. (Levels may be obtained by contacting Council's Civil and Environmental Department on 6728 8200). Invert level of any structure must be suitable to allow uninterrupted flow of runoff within the table drain.
5. Concrete for Dish Crossing shall:
 - (a) be 150mm thick on a nominal 150mm thick granite base.
 - (b) have a test strength of 25mpa at 28 days when tested in accordance with AS1012.
 - (c) be reinforced with 1 layer of SL72 mesh set 40mm from top of slab (for residential and rural) and 2 layers of SL72 mesh set 40mm from top and bottom of slab (for commercial).
 - (d) have a wood float finish.
 - (e) be adequately covered and protected from damage for 1 week.
6. The invert of the concrete dish crossing shall be a minimum of 2.0m from the edge of existing bitumen or gravel formation.
7. The width of the concrete dish crossing shall be 4.0m for residential and rural and 6.0m for commercial.
8. A piped culvert access shall be a precast reinforced concrete pipe culvert (RCP) and precast headwalls constructed on a 150mm compacted base with a minimum cover of 200mm over the pipes. Council will advise the required pipe size however a 375mm DIA class 2 RCP is the minimum standard.
9. The minimum width of a piped culvert is 2 pipe lengths (4.88m) for a single access and 3 pipe lengths (7.32m) for a double access.
10. A piped culvert access shall be a minimum of 2.0m from the edge of existing bitumen or gravel formation.
11. The splay at the intersection with Council's road shall be 6.0m wide for residential and rural and 8.0m for commercial.
12. If Council's road is sealed then the constructed access shall be bitumen sealed from the splay at the intersection with Council's road to a distance of 10.0m towards the property boundary including the width of the splay.

13. Sub standard work may be repaired or replaced by Council and the cost recovered from the applicant.
14. Adequate facilities (e.g. barricades, signs, delineation) must be provided during construction to ensure public safety.
15. Responsibility for any injury or damage resulting from the construction of the access crossing is to be accepted by the applicant.
16. The footpath is to be left in a neat and tidy condition with no trip hazards for pedestrians.



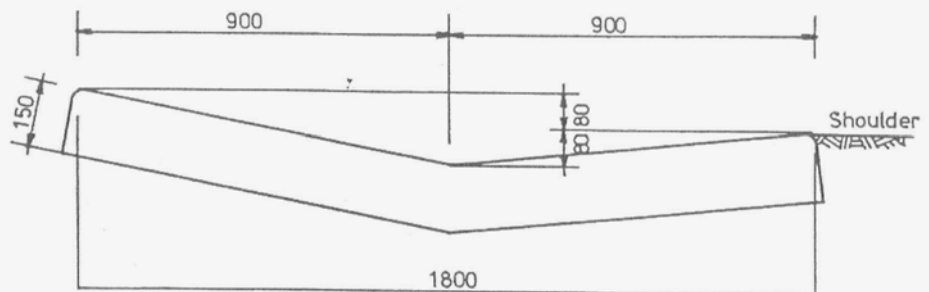
TYPE - RESIDENTIAL

Dished crossing, for Urban Residential access roads.



TYPE - COMMERCIAL/INDUSTRIAL

Dished crossing alternative to type Residential with increased waterway area.



TYPE - RURAL

Dished gutter adjacent to shoulders.

ONLY FOR USE WHEN PIPE CULVERT NOT SUITABLE.

ALL EXPOSED EDGES TO BE ROUNDED TO 20 mm RADIUS.