

Major Changes to the IDM Version 4.0

The following is a summary of changes to the IDM:

1. Formatting changes as follows:
 - a. Defined terms are bolded throughout the document.
 - b. Selection tables have been numbered
 - c. Other tables have all been numbered.
 - d. Structure of Table of Contents has changed to include tables and selection tables
 - e. Update contacts and titles and Councils that have adopted the IDM.
 - f. Change references to GMW to a more generic reference.
2. ARRB Manuals and VicRoads supplements added throughout document.
3. Clause 1.2 change wording of 3 dot point i.e. delete defence and replace point of reference for all parties
4. Clause 1.3 changed "endeavour" to "ensured".
5. Clause 1.5 added to clarify the use of principles in the IDM.
6. Clause 1.6 modified to include additional factors to be considered in relation to circumstances which make it impractical or unreasonable to follow the requirements of the IDM.
7. Clause 1.7 added in relation to innovation and advances in technology.
8. Clause 1.9 added "All submissions made in accordance with the above provisions will be considered by the IDM Technical Committee who will provide an annual report to the IDM Board of the recommended changes to be incorporated into the IDM."
9. Clause 2 added a definition for Clear Zone and removed definition for "Construction Representative" as it was not used in the document. Also changed definition of carriageway to cover differences between roads with kerb and channel and those without kerb and channel and Infrastructure to include ancillary assets such as signs. Added definitions for Consultant, Developer, Development, MUSIC. Added to definition of Infrastructure "and ancillary assets such as signs"
10. Clause 3.5 changed to clarify that Council funding cannot be guaranteed.
11. Clause 4.3 added requirement to show 1 in 100 year flood event where relevant. Also added that a permit from the CMA is required if works are near or on designated waterway. Also removed dot point concerning road network and intersection and added it to the dot point for the traffic engineering report. Modified the wording relating to nooks.
12. Clause 5.1 added requirement to ensure that all statutory authorities and stakeholders have been consulted. Also added the requirement to consider environmental risk.
13. Clause 7.8 Dial Before you Dig Clause added.
14. Clause 8.4 Provision added so that if Developers can prove that damage that occurs during the defect period is not the result of defective workmanship that they are not responsible for the repairs.
15. Clause 9.2.2 Deleted reference to preparing TIAR to meet the requirements of any VicRoads guidelines.
16. Clause 9.3 change the requirement to provide information at functional layout stage instead of detailed design stage for buses, bicycles and pedestrians.
17. Clause 10.1 removed the words "for the resources available" from the objective.
18. Clause 11.3 added floodplains and flowpaths requirement to fourth dot point.

19. Clause 12.3.1 For Commercial and Industrial developments referenced the RTA NSW Guide to Traffic Generating Developments.
20. Table 2 – fixed up inconsistency in relation to footpaths being provided in industrial developments and added Note 7 in relation to bicycle lanes on roads and reducing the requirement for shared paths where Council has a bicycle strategy/policy/plan. Also clarified carriageway definition for roads with kerb and channel.
21. Clause 12.3.6 inserted missing word “not”
22. Clause 12.3.7 clarifying that table 4 only referred to roads with kerb and channel. Also removed selection table and inserted clause that extremely flat locations a minimum grade of 0.25% may be considered.
23. Clause 12.3.9. Changed boundaries to boundary.
24. Clause 12.3.10 For barrier kerb and channel changed “must” to “may” in relation to the provision of vehicle crossovers.
25. Clause 12.4.2 Table 6 added comment to refer to Selection Table 4 for minimum seal width for Rural Collector Roads; Selection Table 5 for Low Density Residential, Selection Table 6 for Rural Access and Rural Collector and included Rural Collector provisions being the same as Rural Access.
26. Table 6 amended to include reference to Clause 12.4.9 for kerbing.
27. Clause 12.4.6 included the following “unless otherwise agreed”
28. Clause 12.4.9 added to give consideration to the installation of Kerb and Channel in cut situations.
29. Clause 12.5.1 clarified that the staggered “T” provisions only applied to rural roads. Also removed sentence referring to queuing.
30. Clause 12.7.2 deleted references to outdated guides.
31. Clause 12.7.5 deleted “including the thickness of surfacing” from the pavement thickness.
32. Clause 12.8.2 changed “provided” to “installed” in relation to the provision of guardrail.
33. Clause 12.9 Note added for City of Ballarat in relation to vehicle crossings that are nominated by the developer to be installed.
34. Clause 12.9.2 Deleted reference to industrial and commercial developments.
35. Clause 13.2 deleted paragraph stating that footpaths are generally not required in Industrial areas unless.....
36. Clause 13.3. 4 dot point deleted in relation to 75mm depth footpath being used where lots are already fully developed.
37. Clause 13.3 added reference to VicRoads Traffic Engineering Manual Volume 1 Section 4.9.
38. Clause 14.2 added the following to first paragraph “or in accordance with an approved Traffic Impact Assessment Report”
39. Clause 14.3 Added AS2890 to requirements.
40. Clause 15.3 earthworks in floodplains provisions added. Melbourne Water changed to responsible authority.
41. Clause 16.3 Clarified requirements in relation to floor levels.
42. Clause 16.4 all Councils have now agreed to use the same design standard for drainage design thus the requirement for the selection table has been removed.
43. Clause 16.8 added note that materials listed do not preclude others from being used. Also deleted reference to selection table in Clause 16.2.

44. Clause 16.10 stating requirements for pipes less than 225mm dia in easements and 375mm in road reserves. Removed other sentences that are contrary to these changes. Also proposing to add table to clarify these requirements.
45. Clause 16.10.2 Requirement for bedding added i.e. Pipe bedding shall be in accordance with pipe manufacturer's recommendations.
46. Clause 16.10.3 – changed heading and added that Council prefers steel reinforced concrete pipes and that other types may be approved by Council's.
47. Clause 17.1 added the objective – comply with objectives and requirements of any relevant floodplain Authority.
48. Clause 17.2 added in legislative requirements.
49. Clause 17.4 added “drains” to title of Selection Table 14.
50. Clause 18.4 change inlet to drainage system. Included reference to Councils Strategy/Stormwater Management Plan.
51. Clause 18.5.6. Change Goulburn Murray Water o the relevant authority
52. Clause 20.3.3 Added statement that Bioretention Swales are not approved for use in any municipality unless written approval has been given by that municipality.
53. Clause 22.3 change reference to hay bales to straw bales and add provision, in relation to, that all subdivision boundaries are to maintained as well as protected.
54. Clause 22.8 Added Incident Reporting sub-clause.
55. Clause 25.7 added – Emergency Services Telecommunications Authority – provision of emergency markers.
56. Electronic Checklists developed.
57. Checklist D1 – include provision to check DOT requirements have been reflected in road widths. Changed requirement from detailed design to functional design. Removed requirement to depth services in the field.
58. Check List D2 Additional information required in relation to min grades etc.
59. Change figures in Appendix J to correct equations.
60. Clause 16.10.1 Clarified minimum pipe sizes at various locations