

MUNICIPAL STANDARDS

SPECIFICATIONS

PART 8 - FOOTPATH CONSTRUCTION

8.1	SCOPE OF WORK.....	1
8.2	STANDARDS.....	1
8.3	MATERIALS.....	1
8.3.1	Concrete Materials.....	1
8.3.2	Bedding.....	1
8.3.3	Steel Reinforcing Fabric.....	1
8.4	CONSTRUCTION.....	1
8.4.1	Subgrade Formation.....	1
8.4.2	Bedding.....	1
8.4.3	Formwork.....	1
8.4.4	Reinforcement.....	1
8.4.5	Concrete Work	2
8.5	ACCEPTANCE.....	2
8.5.1	Inspection	2
8.5.2	Testing	2
8.5.3	Tolerances	2

MUNICIPAL STANDARDS

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PART 8 - FOOTPATH CONSTRUCTION

8.1 SCOPE OF WORK

This section includes the supply of materials, equipment, labour and services necessary for the construction of reinforced concrete footpaths.

8.2 STANDARDS

The following Australian Standards and Standard Drawings are referred to:

Australian Standards

AS 1304 Welded Wire Reinforcing Fabric for Concrete

Standard Drawings

SD-1003 - Reinforced Concrete Footpath

SD-1004 - Kerb Ramps

SD-1006 - Vehicle Crossing (Urban Residential)

8.3 MATERIALS

8.3.1 Concrete Materials

All concrete materials shall comply with the Municipal Standards Specifications Part 9, Construction of Minor Concrete Structures.

8.3.2 Bedding

Bedding material shall comply with the Municipal Standards Specifications Part 6, Materials and Pavement Construction.

8.3.3 Steel Reinforcing Fabric

All steel reinforcing fabric shall comply with the requirements of AS 1304.

8.4 CONSTRUCTION

8.4.1 Subgrade Formation

The subgrade shall be formed in accordance with the Municipal Standards Specifications Part 2, Earthworks.

8.4.2 Bedding

Bedding material shall be placed and compacted as shown on SD 1003 and SD 1006.

8.4.3 Formwork

The construction, use and removal of all formwork shall be in accordance with the Municipal Standards Specifications Part 9, Construction of Minor Concrete Structures.

8.4.4 Reinforcement

Steel reinforcing bars and fabric are to be placed as shown on SD 1003. Bar chairs are to be provided to support all reinforcement at 1.0 metre maximum spacings.

MUNICIPAL STANDARDS

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8.4.5 Concrete Work

Concrete work shall be in accordance with the Standard Drawings SD 1003, SD 1004, SD 1006 and the Municipal Standards Specifications Part 9, Construction of Minor Concrete Structures. The surface finish shall be a broomed non-slip finish.

8.5 ACCEPTANCE

8.5.1 Inspection

The Contractor shall be responsible for arranging inspections by the Superintendent of the various stages of the work as follows:

- a) Inspection of the site prior to commencement of the works.
- b) Completion of the subgrade formation prior to construction of the bedding.
- c) Completion of construction of the bedding prior to placement of reinforcement and formwork.
- d) Completion of placement of reinforcement and formwork prior to pouring concrete.
- e) Completion of the work.

Twenty-four (24) hours notice is required for any of the above inspections. Work shall not proceed unless the Superintendent passes each stage.

8.5.2 Testing

Testing of the subgrade formation, bedding material and concrete work shall comply with the Municipal Standards Specifications Part 6, Materials and Pavement Construction and Part 9, Construction of Minor Concrete Structures.

8.5.3 Tolerances

- a) The finished thickness of the concrete footpath shall be as shown on the Drawings and shall be within a tolerance of +5 mm to +0 mm. The finished crossfall of the footpath shall not deviate by more than 5 mm from the design level change.
- b) The finished width of the concrete footpath shall be within a tolerance of +5 mm to -5 mm from the design width.