NOTES:

1. SCOPE: This Standard Drawing provides details of concrete roadway type gully with channel lip in line.

2. CONCRETE ORDINARY TYPE GULLY: shall be in accordance with MSTD71.

3. DESIGN LIFE: 50 years.

4. DESIGN OF CONCRETE COMPONENTS for all pits and inlets:
   - Traffic loads and traffic load resistance shall be in accordance with AS 4500.
   - Load factors and load combinations shall be in accordance with AS 5100.
   - Structural design shall be in accordance with AS 3600.

5. CONCRETE shall be in accordance with MSTD70. Concrete pit: H250/250. Concrete channel: H500/500.

6. ENCAPSULATION: shall be in accordance with MSTD70.

7. GRADES AND PLANEs shall be Class D to AS 4500.

8. GRAYPAC: as per MSTD70. All reinforcing steel shall be 40/50 mesh.

9. SURFACE REQUIREMENTS: For pits deeper than 5000:
   - Design for pits 1000 mm or more; other concrete components 50 years.
   - Minimum concrete strength 500/200 for pit; and H500/500 for other.
   - Cover to reinforcement as per AS 5100.

10. REFERENCES are in accordance with the references.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
- Design Criteria for Bridges and Other Structures
- Road Drainage Manual

REFERENCES/DOCUMENTS:
- Departmental Standard Drawings
- MSTD70: Drainage, Retaining Structures and Protective Treatments
- MSTD71: Reinforcing Steel
- MSTD72: Manufacture of Prestressed Concrete Elements

CONCRETE GULLY

ROADWAY GULLY

CHANNEL LIP IN LINE

1311

As of Date: 2023