GRATED LINE DRAIN PLAN

SECTION B-B

SECTION D-D

SECTION A-A

SECTION E-E

NOTES:
1. See Quantity Sheets for discharge capacity requirements.
2. Discharge capacity (Q) at point A must be equivalent to minimum channel discharge capacity of grated line drain at point B.
3. Contrary to field verify minimum depth to avoid conflict with inlet top.
4. Grate patterns may vary from details shown. See special provisions.
6. Within RCC pavement a 0.8" isolation joint must be made between pavement and concrete backfill. See isolation joint details on Standard Plans P35 and P46.
7. Bottom row of dowels to match inlet connection stops with 3" Min clear to inside of box. Place other dowels normal to inlet wall with 1/2" Min clear to inside of box. (When T = 4" use 6/8" Min embed)
8. Channel section shape and frame and grate configuration may vary.
9. Nominal dimensions shown. Allowable tolerances ±2%.
10. 3/4" maximum gap between adjacent grooves.
11. Minimum channel width must be equal or greater than maximum channel width of grated line drain section.
12. See Revised Standard Plan RSP D98G for Section C-C and Section F-F.

2010 REVISED STANDARD PLAN RSP D98H

GRATED LINE DRAIN DETAILS No. 2 - INLET CONNECTION DETAILS
(ALL TYPES EXCEPT 4" NOMINAL WIDTH POLYMER CONCRETE)