**TYPE 36R AND 36RX GRATE DETAILS**

**NOTES:**
- Weight of Type 36R grate = 220 lbs.
- Weight of Type 36RX grate = 273 lbs.

**SECTION A-A**

**ALTERNATIVE CAST DUCTILE IRON GRATE OR CAST CARBON STEEL GRADE TYPE 36R AND 36RX**

**BASIS FOR Misc IRON AND STEEL FINAL PAY WEIGHS FOR DRAINAGE INLETS**

- **SECTION B-B**
  - **TYPE 18-8S AND 24-10S GRATE**
    - Weight of Type 24 grate = 182 lbs.
    - Weight of Type 24 grate = 145 lbs.

- **SECTION C-C**
  - **TYPE 18-10 AND 24-13 GRATE**
    - Weight of Type 24 grate = 141 lbs.
    - Weight of Type 24 grate = 107 lbs.

- **SECTION D-D**
  - **TYPE 18-8C AND 24-10C GRATE**
    - Weight of Type 36R grate = 145 lbs.
    - Weight of Type 36RX grate = 182 lbs.

- **SECTION E-E**
  - **TYPE 18-9X AND 24-12X GRATE**
    - Weight of Type 24 grate = 192 lbs.

- **SECTION F-F**
  - **TYPE 18-8X AND 24-13X GRATE**
    - Weight of Type 24 grate = 267 lbs.

- **SECTION G-G**
  - **TYPE 18-10 AND 24-13X GRATE**
    - Weight of Type 24 grate = 267 lbs.

**GRATE DETAILS No. 2**

- **NO SCALE**

**STATE OF CALIFORNIA**

**DEPARTMENT OF TRANSPORTATION**

**2015 STANDARD PLAN D77B**

**October 30, 2015**

**Raymond N. Davis, P.E.**

Registered Civil Engineer