**TYPE Q**
Driveway Grate
(Minimum open area 370 in²)

**SECTION A-A**

**TYPE R**
Curb Inlet Grate
(Minimum open area 180 in²)

**SECTION B-B**

---

1. For use at curb drops for driveways. Use only when specified in the contract documents.
2. Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed.
3. For details of boxout pavement, refer to SW-514.

---

For use at curb drops for driveways. Use only when specified in the contract documents.

Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed.

For details of boxout pavement, refer to SW-514.
Provide bicycle-safe vane-style grate. At low points, grates with vanes facing both directions of flow are allowed. The Contractor has the choice of which Type S Grate to use.

Use ductile iron frame castings meeting the requirements of ASTM A 536.

Frame minimum weight = 220 lbs. Grate minimum weight = 340 lbs.

Grate minimum weight = 340 lbs.

Frame minimum weight = 220 lbs.