**Ring and Cover for Bridges**

- **Top View**
  - Ring and Cover
  - 1" Rib (Typ.)
  - 3/4" (Typ.)
  - Machined V projection in cover
  - 1/2" x 3/4" (Typ.)
  - Neoprene recessed gasket

- **Section A**
  - Raised traffic pattern not shown
  - 1/4" (Typ.)
  - #3 Rebar
  - 1" (Typ.) - four equally spaced
  - 3/4" (Typ.)

- **Section B**
  - Raised traffic pattern (turned 90°)
  - 1/8" All around
  - 1/8" Diam.
  - 1/8" Rib (Typ.)
  - 1/8" (Typ.)

- **Section C**
  - Lifting handle
  - 3 1/2" Ribs
  - 1 1/4" (Typ.)
  - 3/8" (Typ.)
  - 1 1/2"
  - 7/16" (Typ.)

- **Detail 1**
  - 1/4" (Typ.)
  - 1 3/4"
  - 4 1/2"
  - 1 1/4"

- **Detail 2**
  - Lift handle
  - 3 1/2" Ribs
  - 1" (Typ.)
  - 1/2"
  - 1/4"

- **Isometric View**
  - Manhole cover
  - Raised traffic pattern

**Note**

Approximate weights:
- Total: 296 LBS
- Cover: 123 LBS
- Ring: 173 LBS