

3 Way Manhole 8'-7 3/8" x 9'-4 3/8" x 7'-0" Deep

Cast Iron Frame, Cover (3) #7 Bars @ 3" O.C. And Rings By Owner 4 Sides of Openings #4 Bar Around Opening #7 Bar @ 6" O.C.E.W. 36" #4 Ring Bar Continuous ₽ 2" Clear - Typ. Around Cover Pulling Irons As Req'd #5 Bar @ 16" O.C.E.W. 8'-11 3/4" 1-0-1 **48** ₩ Water Stop Slope #7 Bar @ 12" O.C.E.W. (2) #7 Bars @ 3" O.C. 4 Sides of Opening 18" Dia. x 6" Deep #4 L Bar @ 12" O.C. #4 Bar @ 12" O.C.E.W.

## (3) #7 Bars - Typ. 4 Sides of Opening

#7 Bar @ 6" O.C.E.W.

#4 Bar Cont.
Around Cover

#4 Bar
All Around

## **General Notes:**

- Concrete 5,000 PSI
- HS20 Wheel Load Design
- Pulling irons by Penn Insert
- Joint Sealer EZ-Stick (1" Dia.)
- Covers to be marked "ELECTRIC" By Others
- Weights
   Base & Walls 40,000
   Cover 10,600

Contractor:

 Reinforcement - Grade 60 Rebar Or WWF Equiv. No Welding Allowed

Crest Precast, Inc.
La Crescent, MN & Barneveld, WI
800-658-9045

Scale Date Project: Standard 3 Way Precast Manhole

## **Cover Reinforcement**