MEETS OR EXCEEDS ASTM C-478 AND IDOT ROAD AND BRIDGE SPECIFICATIONS

STATE OF ILLINOIS STANDARD 4’ STORM MANHOLE
IDOT Standard 602401-02

PRECAST REINFORCED CONCRETE SLAB TOP WITH 24” DIA. ACCESS HOLE

Precast Cone Top

Rebar Mesh Sheet
Steel Area = .36 (IDOT Min = .35)

TONGUE AND GROOVE OR FLAT AT MFGS OPTION.

5” Wall Thickness
Steel Area = .12

SEAL CASTING IN APPROVED MASTIC (CONSEAL CS 102)

RUBBER JOINT GASKETS MANUFACTURED IN CONFORMANCE WITH REQUIREMENTS OF A.S.T.M. C-443 (PRESS SEAL TYPE RS)

POLYPROPYLENE PLASTIC STEPS AT 16” O.C. AS MFG. BY AMER. STEP CO. (ML-10)

5/8” Rebar @ 10” O.C. Ea. Way
Steel Area = .37 (IDOT Min. = .35)

PRECAST CONCRETE BASE WHEN PRECAST CONCRETE MANHOLE SECTIONS ARE USED OR....
CAST IN PLACE CONCRETE OR...
PRECAST REINFORCED CONCRETE BASE WITH APPROVED BEDDING MATERIAL

DARNALL CONCRETE PRODUCTS

4’ Dia. Storm Manhole

2/9/2010