



**CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
24 INCH MANHOLE COVER CASTING SETS**

USING DEPARTMENT: Water Utility **ISSUED:** 05/10/84 **REVIEWED:** 07/01/12 **REVISED:** 07/01/12

PREPARED BY: Bill Flynn, P.E. **CITY STOCK NUMBER:**

DESCRIPTION: Manhole Rings and Covers (24" diameter covers) Gray Cast Iron, ASTM A48, Class 30B or higher or Ductile Iron, ASTM A536, Grade 60-40-18 or higher. Ring Weight 160 pounds. Cover marked "Sanitary Sewer" or "Water Department" as ordered: Weight 150 pounds (175 pounds if in state maintained right of way); Weight (150 or 175) to be cast top and bottom of cover. Castings 5 pounds or more underweight will be rejected. 24" cover casting sets are for use only for replacement on older manholes, or – with sampling port (Standard Detail 506-14) – on Large Diameter (or Sampling) Cleanouts. Ductile Iron cover shall weigh no more than 115 lbs.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
07/01/97	EJ (formerly East Jordan Iron Works) 216 E. 6 th Street San Angelo, TX 76901 (formerly Western Iron Works and Vulcan Foundry)	Meeting description and note	K. Flowers
10/01/97	CALCUTTA FOUNDRY, LTD / INDIA SIGMA CORP. P.O. Box 300 Cream Ridge, NJ 08514	Meeting description and note. Not for use in TxDOT right of way. DI cover approved 2/18/02	K. Flowers
01/04/99	SHREE RAM FOUNDRY / INDIA STAR PIPE PRODUCTS CO. 4018 Westhollow Parkway Houston, TX 77982	Meeting description and note. Not for use in TxDOT right of way.	K. Flowers

NOTE:

1. Must be in compliance with above description and with City of Austin Standard Detail. Machined surfaces shall be true to dimensions shown; no principal dimensions shall vary by more than 1/8" from dimension given on Standard Detail. Rocking or interference in fit between interchanged frame and cover will not be acceptable.