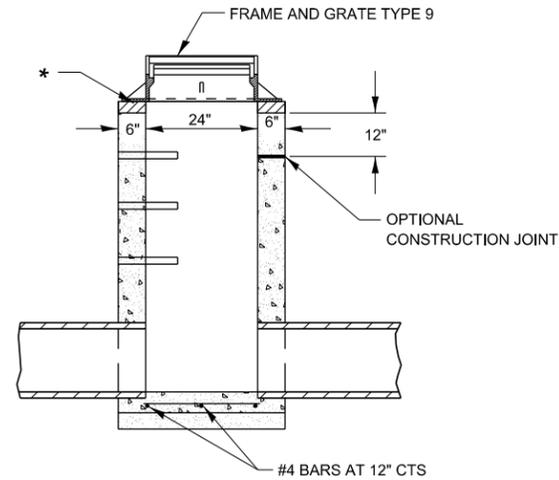
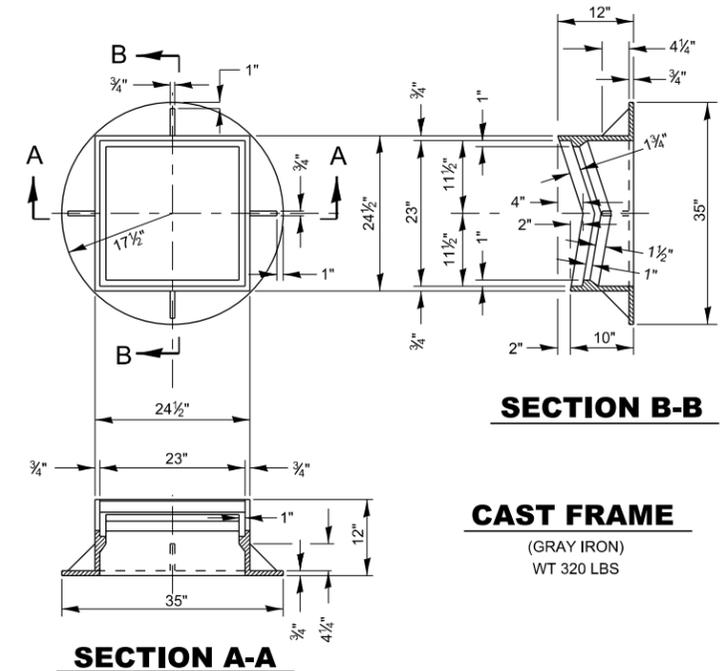


SEC. A-A

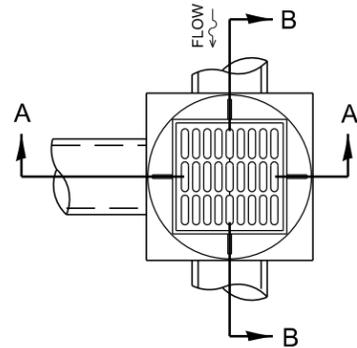


FRAME AND GRATES TYPE 9



SECTION B-B

CAST FRAME
(GRAY IRON)
WT 320 LBS



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.
STEPS SHALL BE OMITTED WHEN "H" IS LESS THAN 5"

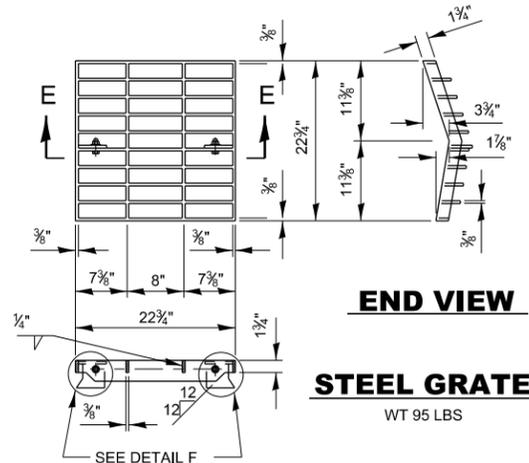
EXCEPT AS NOTED HEREIN INLET SPECIAL SHALL
BE CONSTRUCTED IN ACCORDANCE WITH SECTION
602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST
SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE
AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

WEIGHT OF CAST IRON FRAME & GRATE = 440 LBS.

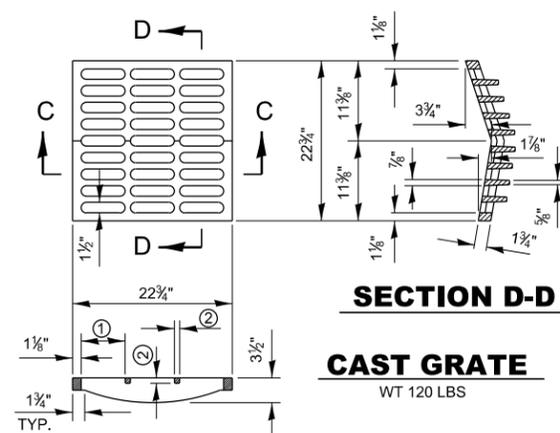
DETAIL OF FRAME & GRATE



END VIEW

STEEL GRATE
WT 95 LBS

FINISH
STEEL GRATE SHALL BE GIVEN
ONE SHOP COAT OF BLACK
BITUMINOUS PAINT.



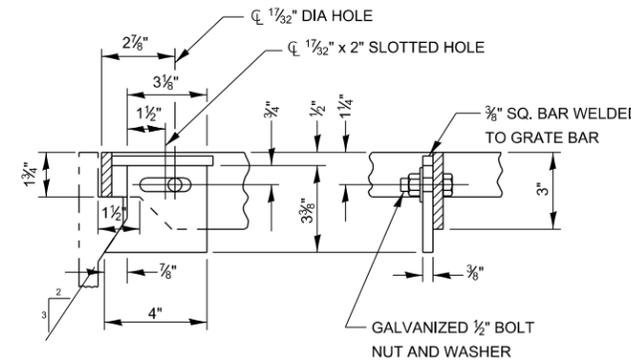
SECTION D-D

CAST GRATE
WT 120 LBS

SECTION C-C

① = 6 1/4" MAX (TYP)

② = 3/4" MIN (TYP)



**LOCKING DEVICE
DETAIL F**

NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01
THROUGH 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE
STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST
OF CONSTRUCTING THE INLET BOX. FURNISHING AND INSTALLING THE FRAME
AND GRATE. THE CAST IRON STEPS, THE PRECAST FLOOR SLAB, SAND CUSHION
AND REINFORCEMENT BARS.

GENERAL NOTES

THE MATERIAL FOR STEEL GRATE SHALL CONFORM TO
ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS.

THE USE OF EITHER A CAST GRATE OR A STEEL GRATE
WITH THE CAST FRAME SHALL BE THE OPTION OF THE
CONTRACTOR.

THE CAST GRATE MAY BE MADE OF EITHER GRAY IRON
OR DUCTILE IRON CONFORMING TO THE STANDARD
SPECIFICATIONS. DUCTILE IRON CASTING SHALL BE
GRADE 65-45-12.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLET SPECIAL (TYPE A GUTTER)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				