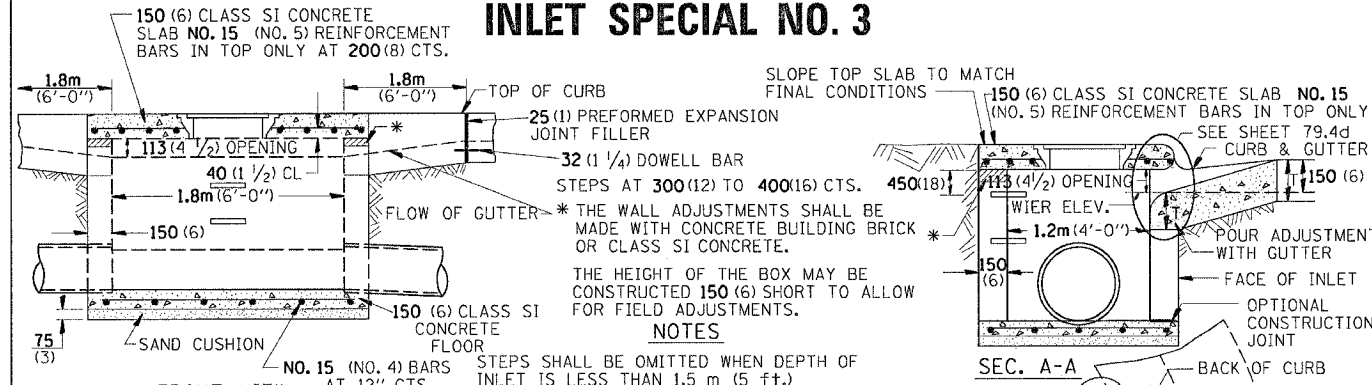


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	3TR-2	OGLE	389	145
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	CONTRACT #64157			

INLET SPECIAL NO. 3



FRONT VIEW
1.8m (6'-0")
1.8m (6'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 12" CTS

SEC. A-A
1.8m (6'-0")
1.2m (4'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 300 (12) CTS

TOP VIEW
75 (3)
GUTTER LINE
EDGE OF PAVEMENT

NOTES
SLOPE TOP SLAB TO MATCH FINAL CONDITIONS
150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY
SEE SHEET 79.4d CURB & GUTTER
150 (6)
WIER ELEV.
1.2m (4'-0")
POUR ADJUSTMENT WITH GUTTER
FACE OF INLET
OPTIONAL CONSTRUCTION JOINT
BACK OF CURB

THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.)
THE INLET SHALL BE CAST IN PLACE OR PRECAST.
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SEE STANDARD 602701 FOR DETAILS OF STEPS.
25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

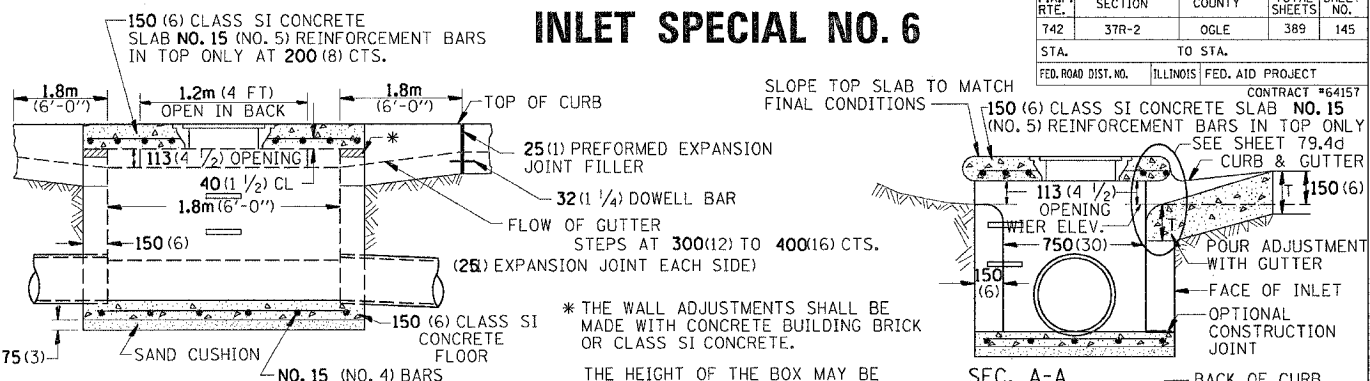
LIGHT WEIGHT MANHOLE CASTING

762 (30)
610 (24)
19 (3/4)
559 (22)
603 (23 3/4)
89 (3 1/2)

TOTAL WEIGHT 73 KG. (160 LBS.)

REVISD 11-10-94 79.4

INLET SPECIAL NO. 6



FRONT VIEW
1.8m (6'-0")
1.2m (4 FT)
1.8m (6'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 300 (12) CTS

SEC. A-A
1.8m (6'-0")
1.2m (4 FT)
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 300 (12) CTS

TOP VIEW
75 (3)
GUTTER LINE
EDGE OF PAVEMENT

NOTES
SLOPE TOP SLAB TO MATCH FINAL CONDITIONS
150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY
SEE SHEET 79.4d CURB & GUTTER
150 (6)
WIER ELEV.
1.2m (4'-0")
POUR ADJUSTMENT WITH GUTTER
FACE OF INLET
OPTIONAL CONSTRUCTION JOINT
BACK OF CURB

THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.)
THE INLET SHALL BE CAST IN PLACE OR PRECAST.
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 6 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 6 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SEE STANDARD 602701 FOR DETAILS OF STEPS.
25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.)

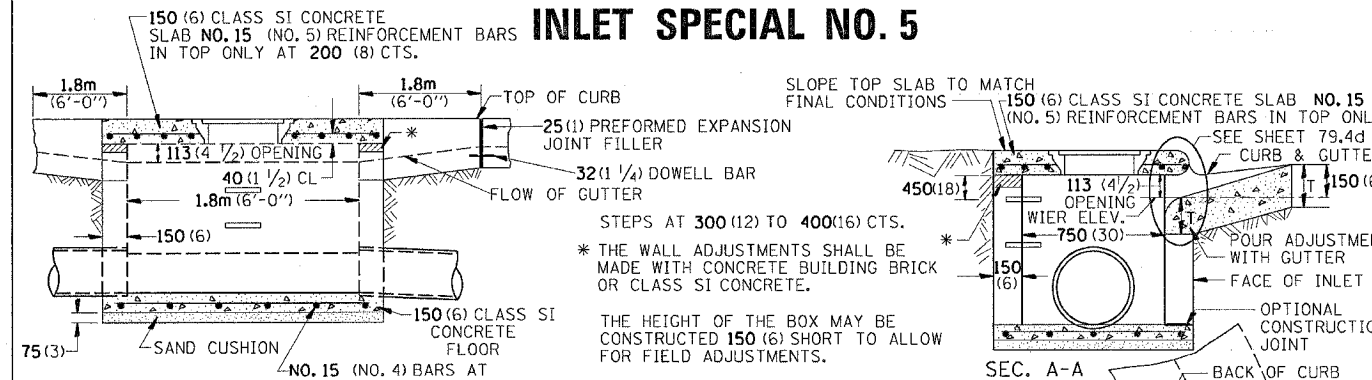
LIGHT WEIGHT MANHOLE CASTING

762 (30)
610 (24)
19 (3/4)
559 (22)
603 (23 3/4)
89 (3 1/2)

TOTAL WEIGHT 73 KG. (160 LBS.)

REVISD 11-10-94 79.4c

INLET SPECIAL NO. 5



FRONT VIEW
1.8m (6'-0")
1.8m (6'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 300 (12) CTS

SEC. A-A
1.8m (6'-0")
1.2m (4'-0")
TOP OF CURB
25 (1) PREFORMED EXPANSION JOINT FILLER
32 (1 1/4) DOWELL BAR
STEPS AT 300 (12) TO 400 (16) CTS.
40 (1 1/2) CL
1.8m (6'-0")
150 (6)
FLOW OF GUTTER
150 (6) CLASS SI CONCRETE FLOOR
75 (3)
SAND CUSHION
NO. 15 (NO. 4) BARS AT 300 (12) CTS

TOP VIEW
75 (3)
GUTTER LINE
EDGE OF PAVEMENT

NOTES
SLOPE TOP SLAB TO MATCH FINAL CONDITIONS
150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY
SEE SHEET 79.4d CURB & GUTTER
150 (6)
WIER ELEV.
1.2m (4'-0")
POUR ADJUSTMENT WITH GUTTER
FACE OF INLET
OPTIONAL CONSTRUCTION JOINT
BACK OF CURB

THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.)
THE INLET SHALL BE CAST IN PLACE OR PRECAST.
EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE STATED.

SEE STANDARD 602701 FOR DETAILS OF STEPS.
25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 FT.)

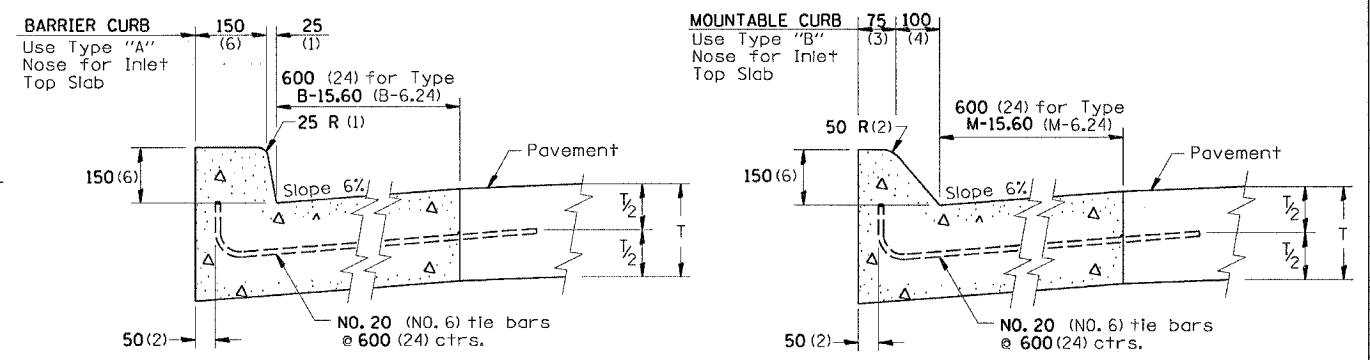
LIGHT WEIGHT MANHOLE CASTING

762 (30)
610 (24)
19 (3/4)
559 (22)
603 (23 3/4)
89 (3 1/2)

TOTAL WEIGHT 73KG. (160 LBS.)

REVISD 2-14-95 79.4b

NOSE TYPE FOR INLET TOP SLAB



BARRIER CURB
150 (6)
25 (1)
600 (24) for Type B-15.60 (B-6.24)
25 R (1)
Slope 6%
Pavement
NO. 20 (NO. 6) tie bars @ 600 (24) ctrs.

MOUNTABLE CURB
75 (3)
100 (4)
600 (24) for Type M-15.60 (M-6.24)
25 R (1)
Slope 6%
Pavement
NO. 20 (NO. 6) tie bars @ 600 (24) ctrs.

TYPE "A"
TO BE USED ON EXISTING OR PROPOSED 150 (6) BARRIER CURB
75 R (3) CURB
150 (6)
113 (4 1/2) OPENING
WIER ELEV.

TYPE "B"
TO BE USED ON PROPOSED 150 (6) MOUNTABLE CURB
75 (3)
100 (4)
50 R (2)
150 (6)
113 (4 1/2) OPENING
WIER ELEV.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISD 2-14-95 79.4d

DATE-TIME
CON. SPEC.
REF.
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