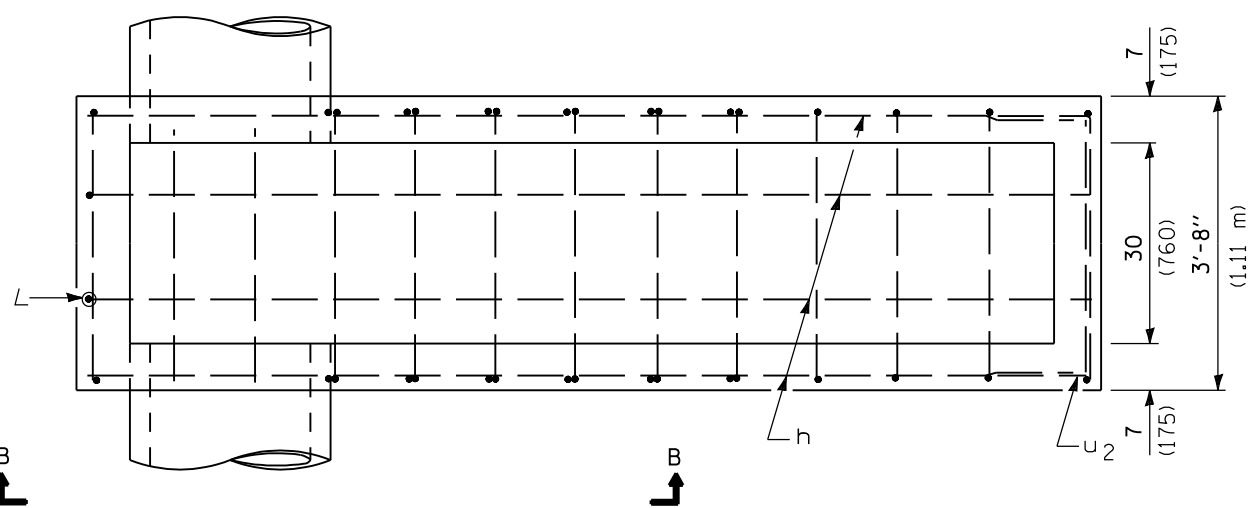
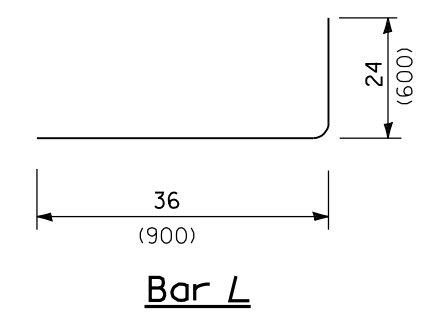
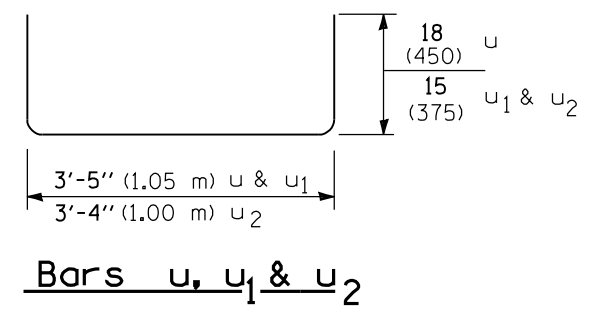
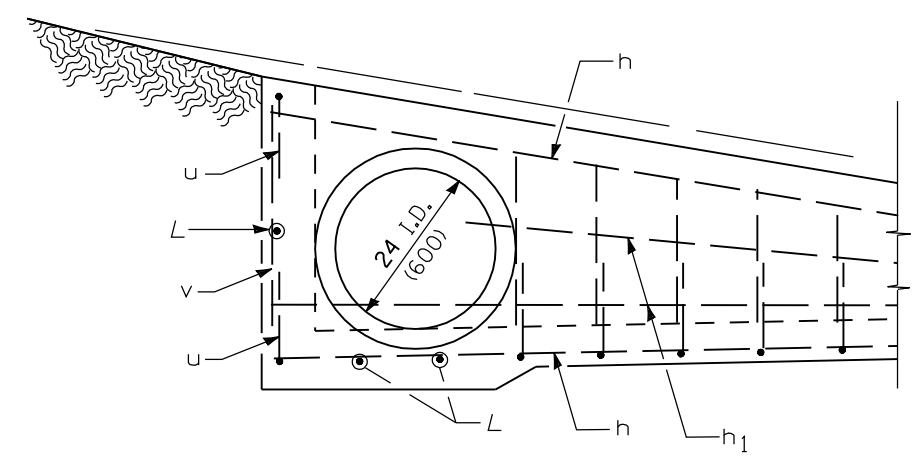
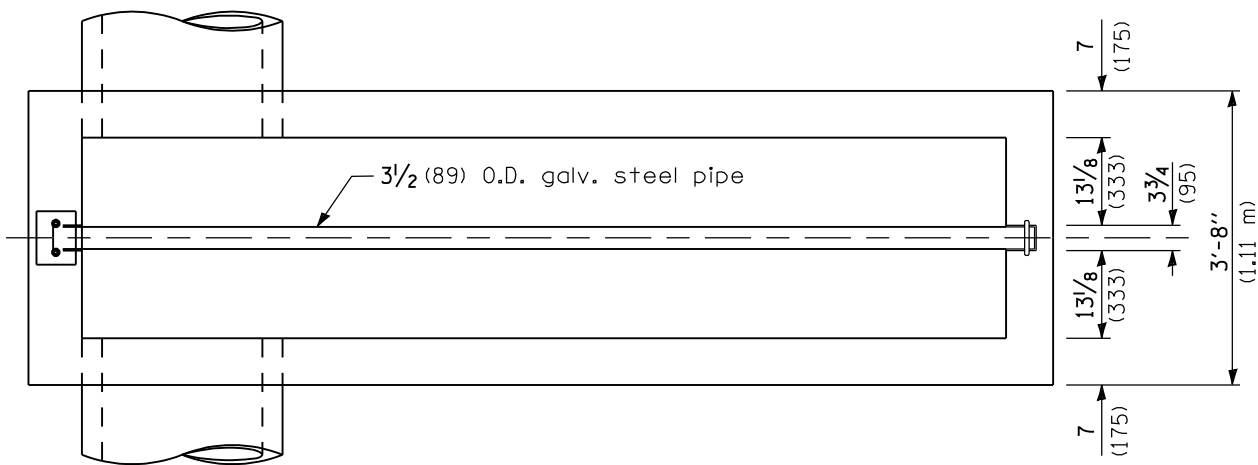


Material required for one inlet box

Bar	Qty.	Size	Length
h	8	No. 4 (No. 13)	12'-0" (3.66 m)
h ₁	2	No. 4 (No. 13)	9'-0" (2.75 m)
L	5	No. 4 (No. 13)	5'-0" (1.50 m)
u	9	No. 4 (No. 13)	6'-5" (1.95 m)
u ₁	3	No. 4 (No. 13)	5'-11" (1.80 m)
u ₂	2	No. 4 (No. 13)	5'-10" (1.75 m)
v	6	No. 4 (No. 13)	30 (760)
v ₁	6	No. 4 (No. 13)	24 (610)
v ₂	6	No. 4 (No. 13)	18 (460)
Concrete		cu. yds. (m ³)	2.0 (1.5)
Reinforcement Bars		lbs. (kg)	175 (79.4)
Galv. Steel Pipe		3 1/2 O.D. (89)	12'-2 1/4" (3.71 m)



SECTION B-B

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Soft converted metric reinforcement bars.

**INLET BOX
TYPE 24 (600) E**

(Sheet 1 of 2)

STANDARD 542521-02

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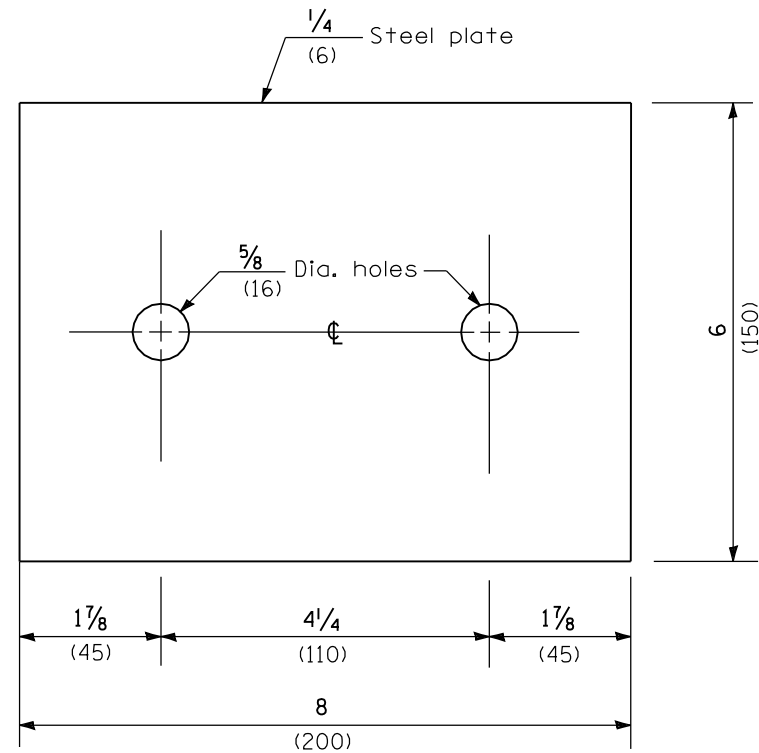
PASSED January 1, 2009

ISSUED 1-1-1

ENGINEER OF POLICY AND PROCEDURES

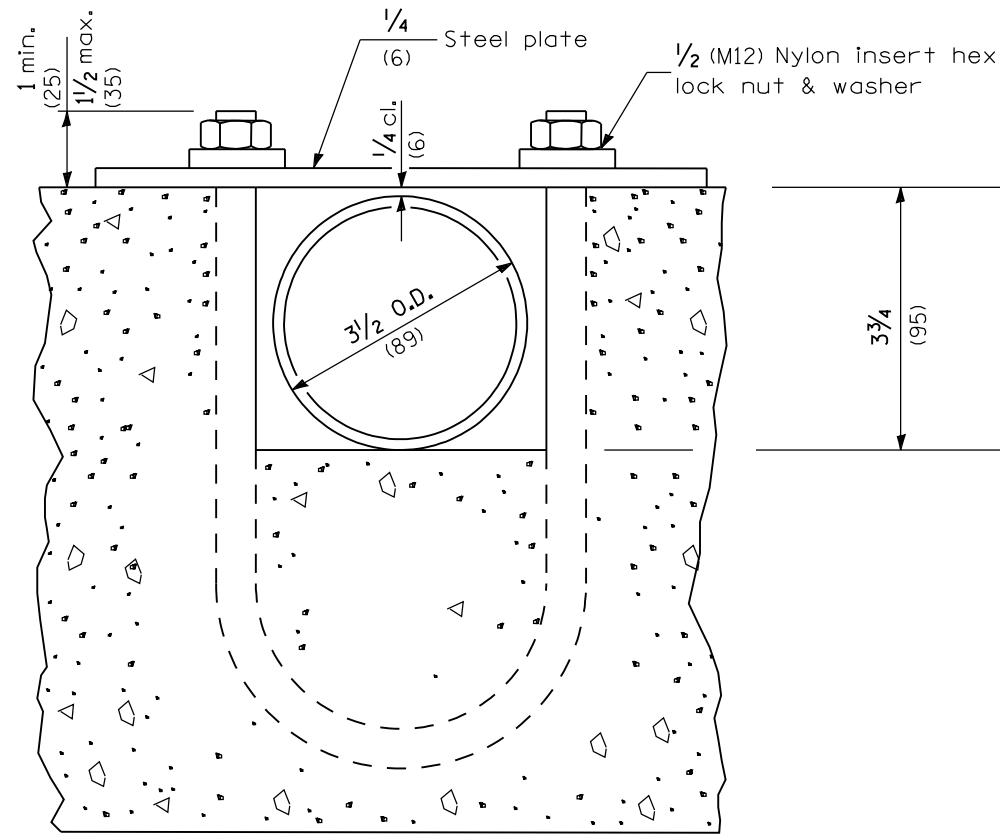
APPROVED January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

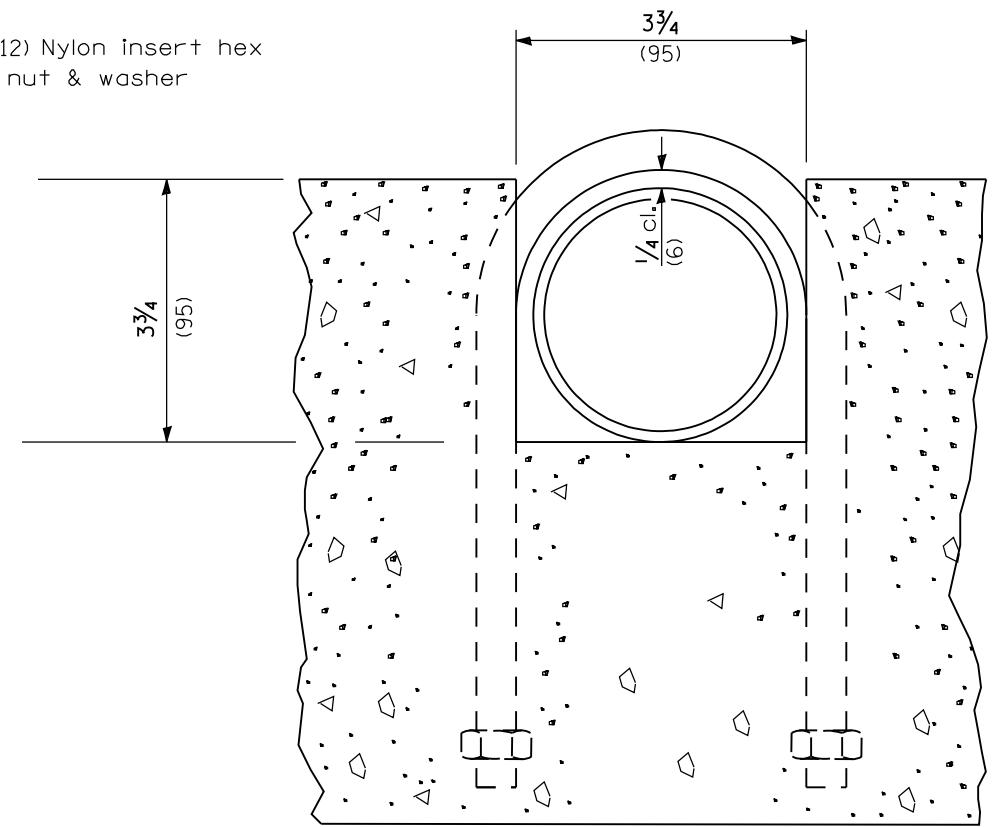


TOP ANCHOR PLATE

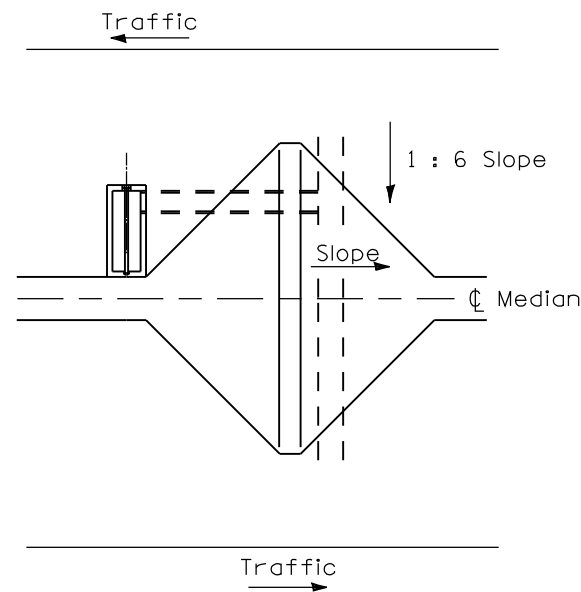
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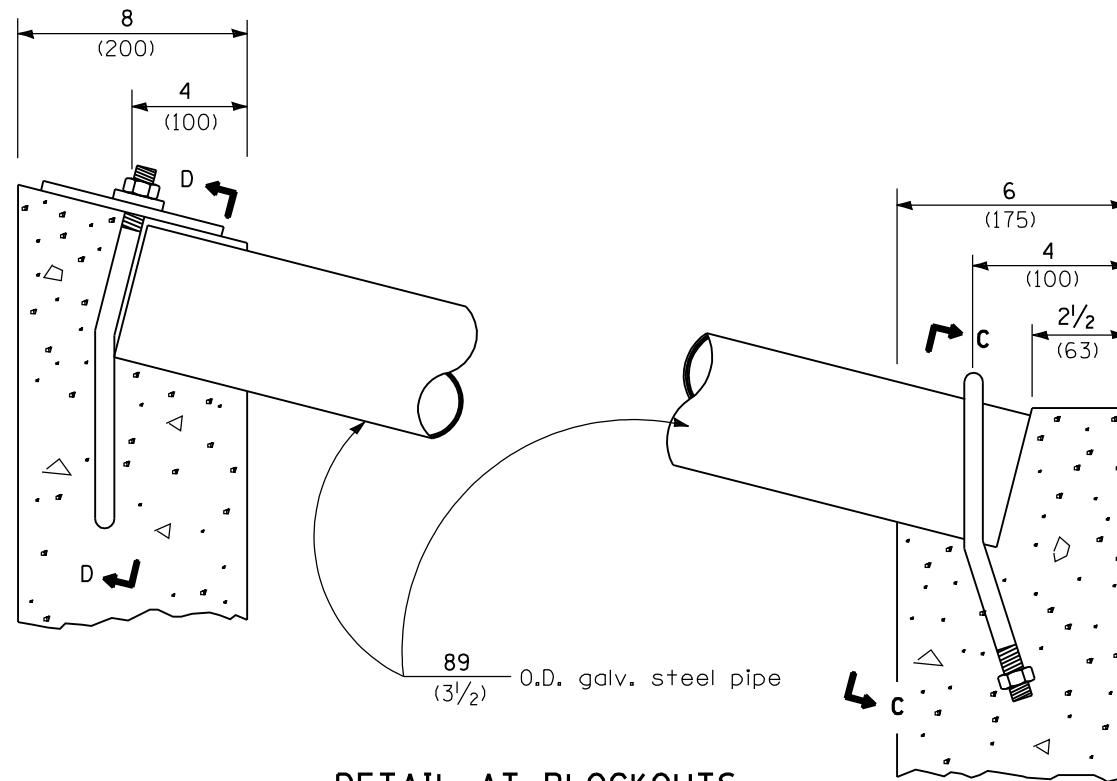
SECTION D-D



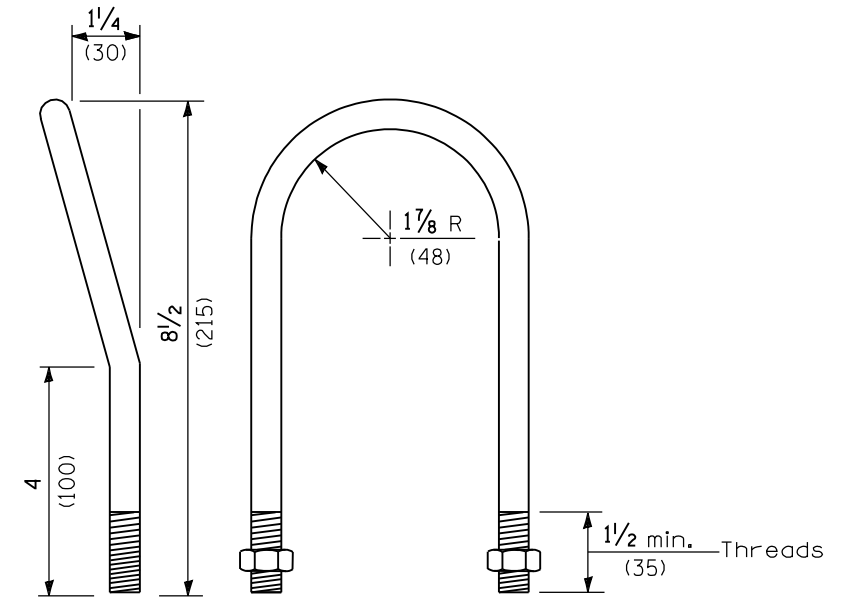
SECTION C-C



Sketch showing location and direction of box in relation to C median.



DETAIL AT BLOCKOUTS



1/2 (M12) U BOLT

(2- required)

Illinois Department of Transportation

PASSED January 1, 2009

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**INLET BOX
TYPE 24 (600) E**

(Sheet 2 of 2)

STANDARD 542521-02