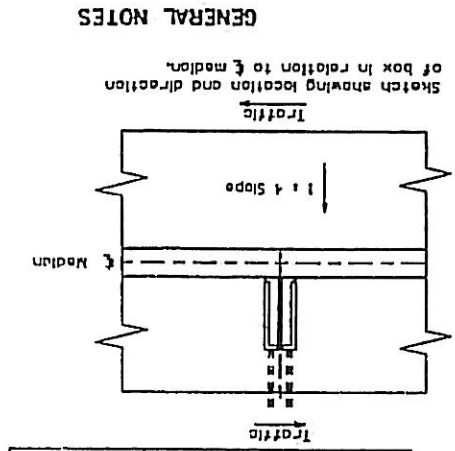
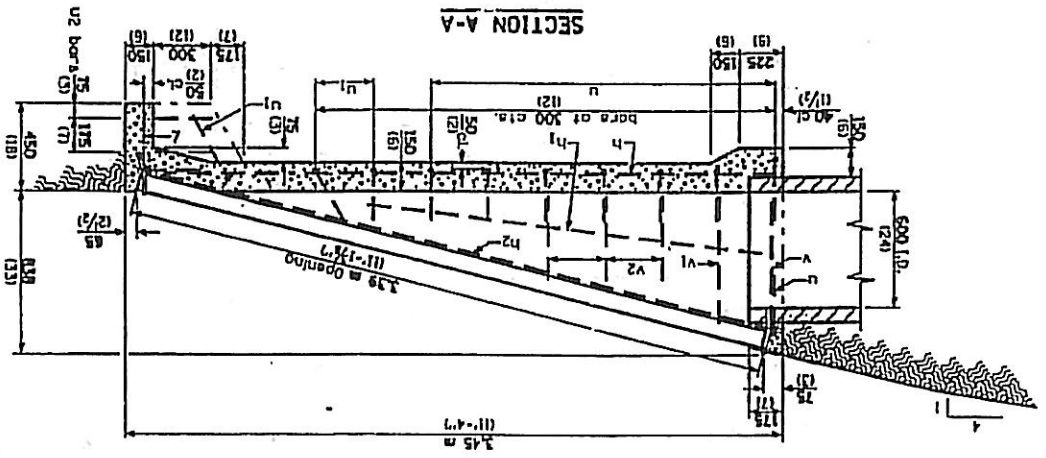
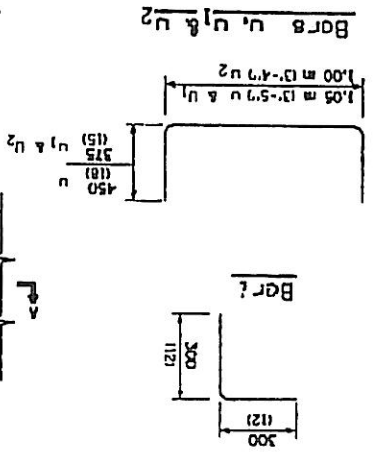
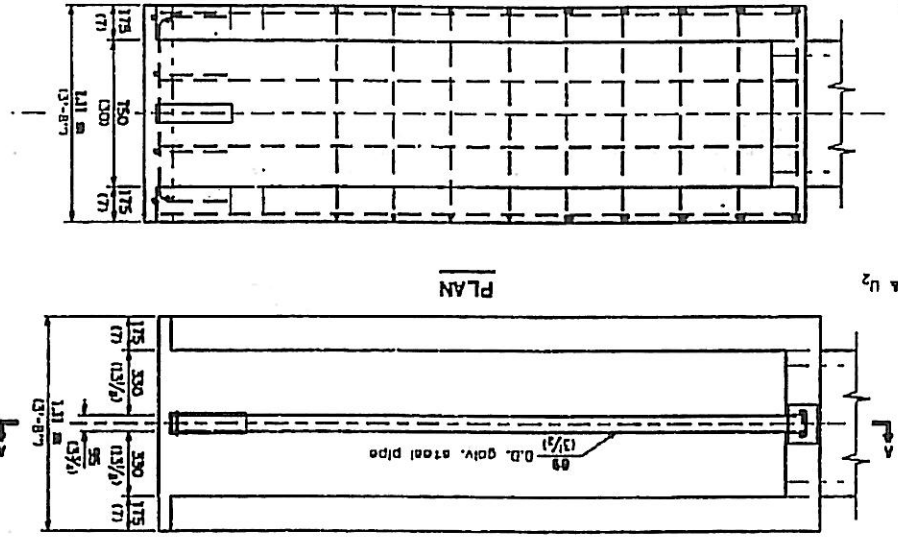


ILLINOIS D.O.T. Inlet Boxes

<u>Product Type</u>	<u>IL DOT Code</u>	<u>MCP Code</u>	<u>Weights</u>
Flush Inlet Box 5' Max Depth	542546	2240	2.5
Slope Inlet Box Type 24 (600) A	542501-02	2242	2.6
Slope Inlet Box Type 24 (600) C	542511-02	2244	4.2
Slope Inlet Box Type 24 (600) B	542506-02	2247	3.7
Slope Inlet Box Type 36 (900) A	542536-02	2248	8.5
Slope Inlet Box Type 24 (600) D	542516-02	2249	4.8
Slope Inlet Box Type 48 (1200) A	542541-02	2332	10.6
Slope Inlet Box Type 24 (600) F	542526-02	2357	7.7
Slope Inlet Box Type 24 (600) G	542531-03	2358	7.3
Shoulder Inlet, Type B	609001-04 609006-04	2323	1.2
Shoulder Inlet, Type C	609001-04 609006-04	2324	1.9
Shoulder Inlet, Type D	609001-04 609006-04	2324	2.5
Shoulder Inlet, Type E	610001-04	2324	2.5
Shoulder Inlet, Type F	610001-04	2324	3.3

PLAN OF REINFORCEMENT



Material required for one inlet box

Bar	Qty.	Size	No.	Length
h	4	No. 15	(No. 4)	3.35 m (11'-0")
h1	2	No. 15	(No. 4)	2.45 m (8'-0")
h2	2	No. 15	(No. 4)	3.45 m (11'-4")
l	4	No. 15	(No. 4)	0.50 m (1'-6")
u	8	No. 15	(No. 4)	1.95 m (6'-5")
u1	3	No. 15	(No. 4)	1.80 m (5'-11")
u2	2	No. 15	(No. 4)	1.75 m (5'-10")
v	2	No. 15	(No. 4)	7.60 (25'-0")
v1	2	No. 15	(No. 4)	6.80 (22'-4")
v2	6	No. 15	(No. 4)	4.60 (15'-1")
Concrete		m ³		
Cost-in-place of concrete		(cu. yds.)		
Reinf. Boro		KQ		
Qty. Steel Pipe		0.9 (3/4) O.D.		
Total		3.37m (11'-1")		

STANDARD 542506

INLET BOX
TYPE 600 (24) B

REVISIONS

DATE	REVISIONS
1-1-91	Return Standard 2247-9.
5-15-91	Moved G.L. to Spca. Revised title. Added Metric and slope note.

(Sheet 1 of 2)

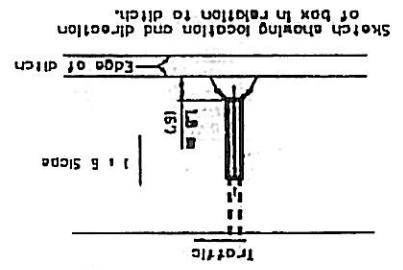
At slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in meters unless otherwise specified.

DATE	REVISORS	REVISIONS
1-1-91		Revised Standard 2249-B.
6-15-94		Moved out to Specs.
		Revised title. Added
		Matrix and slope note.

STANDARD 542516

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in centimeters (inches) unless otherwise shown.

GENERAL NOTES



Material required for one first box

Bar	Qty.	Size	Length	No. 15	Qty. 41	1221	550	No. 15	Qty. 41	1,84 m	(6'-5")	2,24 m	7,5	No. 15	Qty. 41	1,68	158	Reinf. Bars	kg	Concr. or Precast	(cu. yds.)	12,21	1,68	158	kg	Reinf. Bars	kg	Galv. Steel Pipe	Ø3 Ø.D.	(3/2)	3,55 m	(11'-7 3/4")				
h	10	No. 15 <td>3,66 m</td> <td>112-0-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	3,66 m	112-0-1																																
h1	8	No. 15 <td>1,75 m</td> <td>(4'-5")</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1,75 m	(4'-5")																																
l	3	No. 15 <td>550</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	550																																	
u	14	No. 15 <td>1,84 m <td>(6'-5")</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td>	1,84 m <td>(6'-5")</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	(6'-5")																																
u1	2	No. 15 <td>2,24 m <td>(7'-5")</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td>	2,24 m <td>(7'-5")</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	(7'-5")																																
v	16	No. 15 <td>760</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	760																																	
v1	16	No. 15 <td>610</td> <td>(24)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	610	(24)																																
v2	8	No. 15 <td>460</td> <td>(18)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	460	(18)																																

