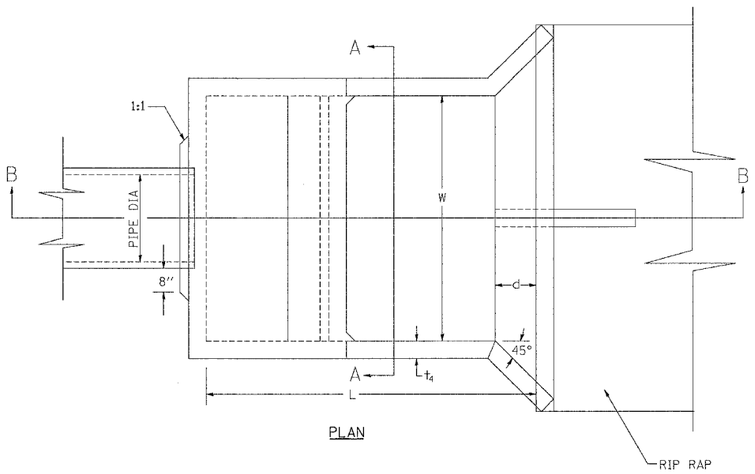
CONTRACT NO. 64560

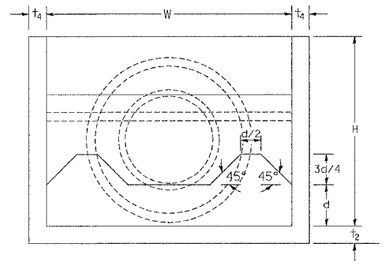
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	210
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* ROUTE 17 (US 52 / IL 64)
** (1,2)RS & (3,1)RS-1

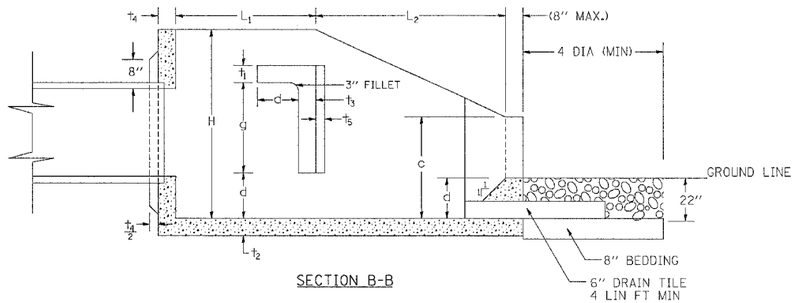
BOX CULVERT END SECTION



PLAN



SECTION A-A



SECTION B-B

DESIGN STRESSES

fs = 20,000 psi
fc = 1,000 psi W
vc = 75 psi Footi
n = 10

GENERAL NOTES

THIS END SECTION WILL BE PRECAST.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 540 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007.

THIS WORK SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE CONSTRUCTION AND INSTALLING A BOX CULVERT END SECTION, OF THE CULVERT NUMBER SPECIFIED, AND INCLUDE AXCAVATION AND COLLARS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH BOX CULVERT END SECTION, CULVERT OF THE CULVERT NUMBER SPECIFIED.

Station	W ft	H ft	L ft	g ft	d ft	L_1 ft	L_2 ft	c ft	t_3 ft	t_2 ft	t_1 ft	t_4 ft	t_5 ft
173+15	6.0	4.5833	8.0000	2.2500	1.0000	3.4166	4.5833	2.5000	0.5000	0.5000	0.5000	0.5000	0.2500
301+71	6.0	4.5833	8.0000	2.2500	1.0000	3.4166	4.5833	2.5000	0.5000	0.5000	0.5000	0.5000	0.2500
344+96	6.0	4.5833	8.0000	2.2500	1.0000	3.4166	4.5833	2.5000	0.5000	0.5000	0.5000	0.5000	0.2500
380+84	4.0	3.0833	5.4166	1.5000	0.6666	2.3333	3.0833	1.6666	0.5000	0.5000	0.5000	0.5000	0.2500
630+74	7.0	9.7500	9.4166	4.9100	2.0000	4.0000	5.4166	5.9166	0.5000	0.5000	0.5000	0.5000	0.2500
646+52	7.0	9.7500	9.4166	4.9100	2.0000	4.0000	5.4166	5.9166	0.5000	0.5000	0.5000	0.5000	0.2500
58+66	7.0	9.7500	9.4166	4.9100	2.0000	4.0000	5.4166	5.9166	0.5000	0.5000	0.5000	0.5000	0.2500

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

BOX CULVERT END SECTION

PLOT DATE = Fri Mar 23 10:45:17 2007
FILE NAME = c:\projects\p207400\d07400sp1.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = hansonke