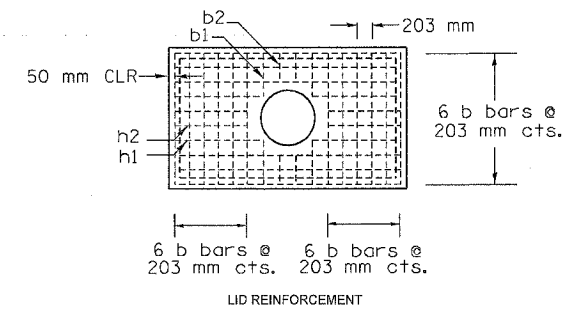
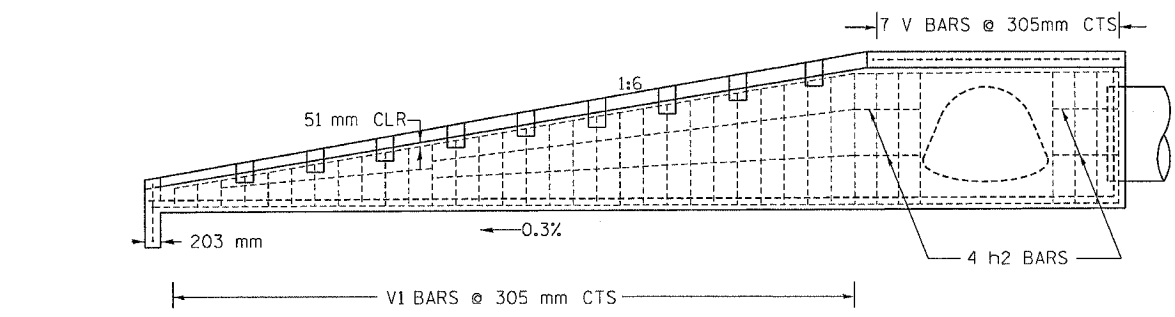
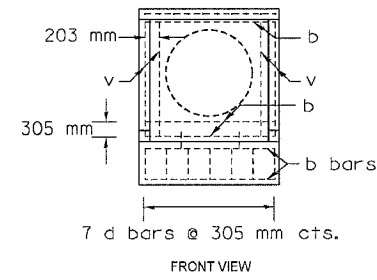
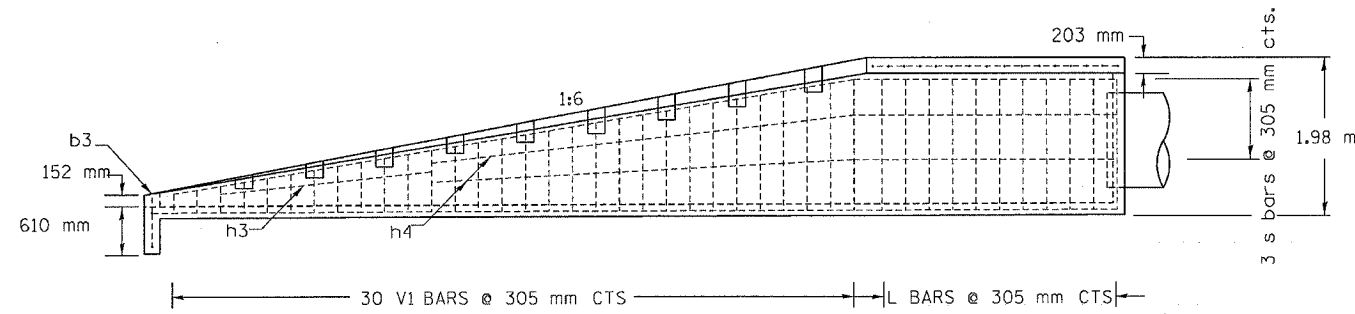
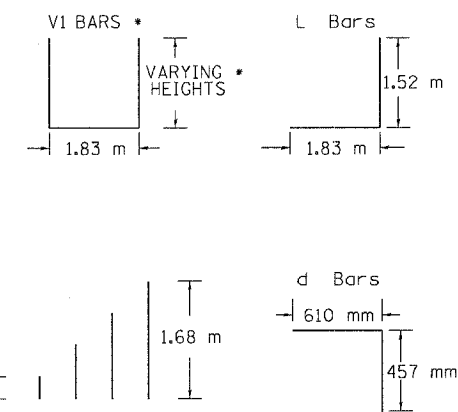
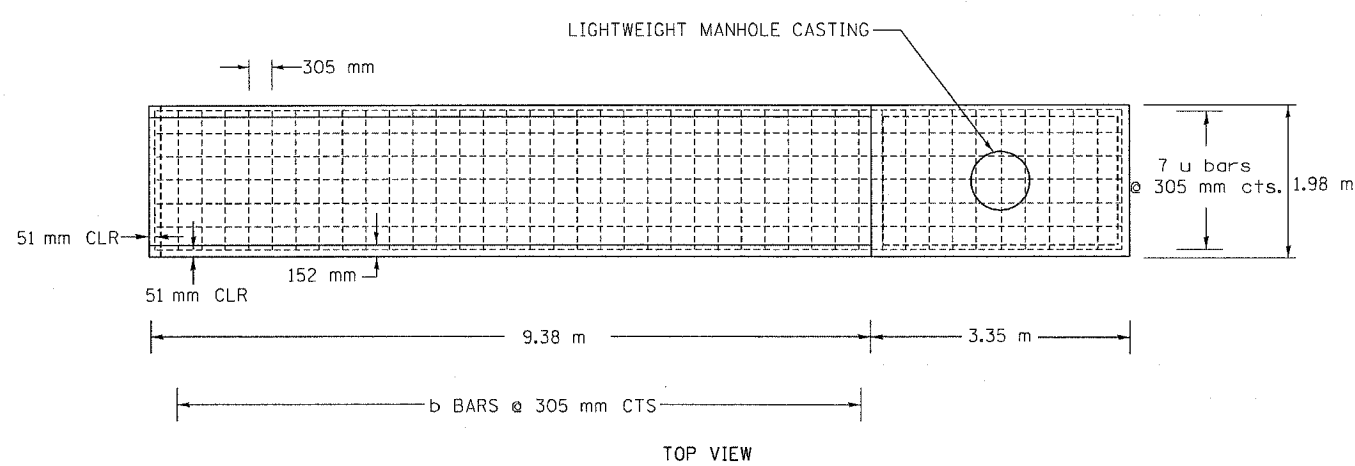


Inlet Special No. 1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	37R-2	OGLE	389	141
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT #64157				



STRAIGHT BARS					BENT BARS				
BAR	No.	SIZE	LENGTH	KG	BAR	No.	SIZE	LENGTH	KG
b	111	10	1.83 m	159.46					
b1	4	10	610 mm	1.92	d	7	10	1.07 m	5.88
b2	4	10	457 mm	1.43					
b3	2	10	305 mm	0.48	L	11	10	3.35 m	28.93
h	6	10	3.35 m	15.78					
h1	4	10	1.22 m	3.83					
h2	8	10	1.00 m	6.34					
h3	2	10	2.74 m	4.30					
h4	4	10	5.5 m	17.27					
S	4	10	3.43 m	10.77	GALV. STEEL PIPE	13	@ 1.52 m		
U	7	10	12.5 m	68.69	DESCRIPTION	UNIT	QTY.		
					CLASS "SI" CONCRETE	CM	9.91		
V	11	10	1.70 m	14.68	REINFORCEMENT BARS	KG	339.76		

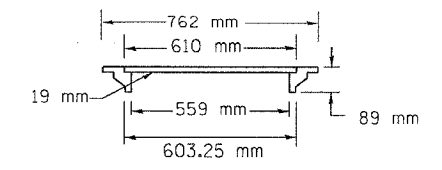


* V1 BARS HAVE VARIABLE HEIGHTS FROM 244 mm TO 1.68 m. EACH BAR INCREASES BY 51 mm. BARS WILL BE ORDERED AS 32 FULL b BARS AND CUT ACCORDINGLY.

GENERAL NOTES

CLASS SI CONCRETE SHALL BE USED, EXPOSED EDGES SHALL BE BEVELED 3/4".
 THE CONTRACT UNIT PRICE "EACH" FOR INLET SPECIAL, NO. 1 SHALL INCLUDE THE CLASS SI CONCRETE, FRAME & CLOSED LID, POROUS GRANULAR EMBANKMENT, REINFORCEMENT BARS, INSTALLATION ON THE PROPOSED CULVERT, EARTH EXCAVATION WHERE REQUIRED AND NECESSARY GRADING TO FIT THE INLET SPECIAL AS SHOWN IN THE CROSS SECTIONS OR TO THE SLOPE.
 REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 31M (M 31) OR M 53M (M 53), GRADE 400 (60).
 6 INCHES OF POROUS GRANULAR EMBANKMENT SHALL BE REQUIRED UNDER THE END SECTIONS FOR THE "INLET SPECIAL NO. 1."

LIGHTWEIGHT MANHOLE CASTING DETAIL



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE

Inlet Special No. 1

DATE-TIME
 DON-SPEC
 REF
 REF
 REF