



BILL OF REINFORCING STEEL & QUANTITIES
3050mm Channel Inlet D = 1370

Bars	A	B	C	D	E1	E2	F	G	H	K	-	-
Number	18	18	21	8	4	4	32	30	4	12	-	-
Size	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	-	-
Spacing	191	191	-	406	-	-	191	191	-	305	-	-
Length	1461	1981	3251	1219	711	1016	1575	1422	4470	2350	-	-
Weight	26	35	68	10	3	4	50	43	18	28	-	-
Totals	Steel = 284kg Conc. = 3.8m ³											

6095mm Channel Inlet D = 1370

Bars	A	B	C	D	E1	E2	F	G	H	K	M	N
Number	34	34	21	8	4	4	48	46	4	22	2	2
Size	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4
Spacing	191	191	-	406	-	-	191	191	-	305	-	-
Length	1461	1981	6299	1219	711	1016	1575	1422	7518	2350	1626	1854
Weight	49	67	132	10	3	4	75	65	30	51	3	4
Totals	Steel = 493kg Conc. = 6.8m ³											

TOTAL AMOUNT OF CONCRETE & STEEL FOR ADDITIONAL DEPTHS

DEPTH	3050 x 1220		6095 x 1220	
	m ³ CONC.	kg STEEL	m ³ CONC.	kg STEEL
1525	4.02	292	1525	7.09
1675	4.25	309	1675	7.45
1830	4.47	327	1830	7.80
1980	4.68	344	1980	8.15

- General Notes**
- All Concrete shall be Class 'A' concrete.
 - Chamfer all exposed corners 19mm except where otherwise noted.
 - Dimensions relating to reinforcing steel are to centers of bars.
 - Field cut and bend bars as necessary to accommodate pipe.

REVISIONS:

Texas Department of Transportation

CHANNEL INLET

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CI-1 (FW) (M)

ORIG DRAW DATE:	DESIGN:	FED. REG.:	STATE:	FEDERAL AID PROJ NO.:	HIGHWAY:
MAR. 1996	CHECKED:	6	TEXAS		
	DRAWN:	DISTRICT:	COUNTY:	CONTROL SECTION:	JOB SHEET:
	CHECKED:	FTW			

LEVELS DISPLAYED
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 ACC:
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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