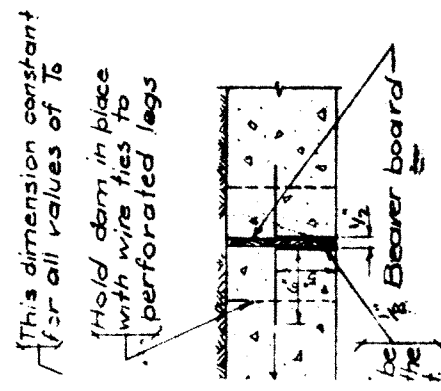


CULVERT FILE NO. 74142

BARRELL REINFORCING SCHEDULE

Mark	Size	Length	No. Spacing	Shape	Placing	Weight
A10	—	—	—	Straight	Trans. Top & Bottom Slab	—
B10	5/8"	7'-8"	320	6"	Straight	Trans. Top & Bot. Slab 2560
C10	—	—	—	Straight	Ins. Face Vert. - Outside Wall	—
D10	5/8"	6'-0"	320	6"	1/2" 8'-0"	Bottom Slab to Out-side Wall 2000
E10	5/8"	10'-0"	320	6"	1/2" 2'-11"	Outside Wall to Top Slab 3340
F10	—	—	—	Straight	Dowells - Bot. Slab to Wall	—
G10	—	—	—	Straight	Vert. - Interior Walls	—
H10	1/2"	26'-4"	42	16"	Straight	Long. Top & Bot. Slab 740
J10	—	—	—	Straight	Long. - Interior Walls	—
K10	1/2"	26'-4"	36	16"	Straight	Long. - Exterior Walls 630
					TOTAL	9270

+ Entrance & Steel (see below) 1072
TOTAL 10342

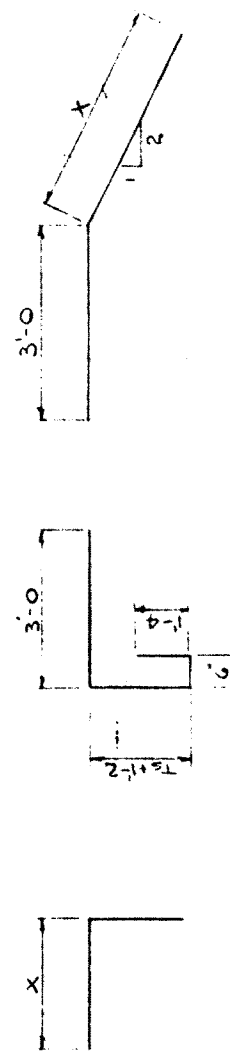


ION DAM IN EXTERIOR ALL AND TOP SLAB

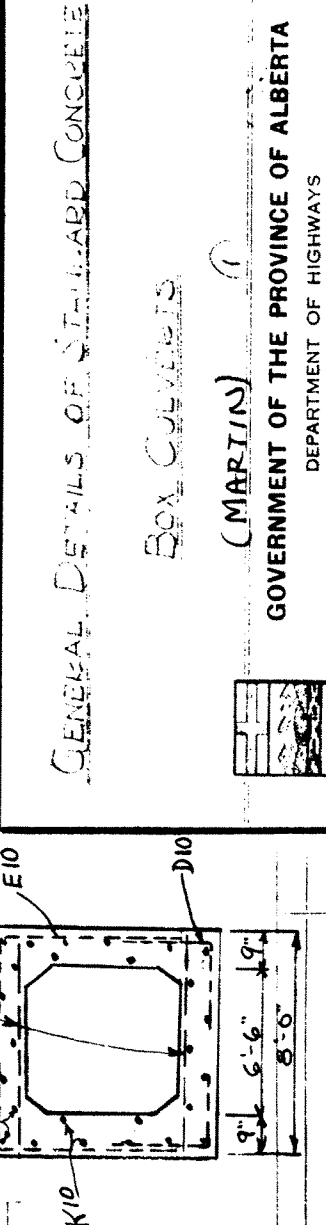
SECT. C-C

BOX ENTRANCE REINFORCING SCHEDULE FOR TWO ENDS

MARK	TYPE	NO. SIZE	LENGTH	WEIGHT	NO. SIZE	LENGTH	WEIGHT	NO. SIZE	LENGTH	WEIGHT
A1	STR	24	2"	95.92	28	7'-8"	143.40	34	8'-0"	300.00
A2	STR	24	1/2"	173.68	28	12'-0"	224.56	28	15'-0"	432.20
C1	B	16	1/2"	72.14	18	6'-3"	81.18	18	6'-3"	121.50
C2	STR	4	2"	7.36	4	7'-8"	20.54	4	8'-0"	33.44
WV1	A	12	2"	44.08	12	3'-0"	44.08	12	3'-0"	48.84
WV2	A	6	2"	37.40	12	3'-0"	54.12	12	3'-0"	87.62
WV3	A	8	2"	42.76	12	3'-0"	68.14	12	3'-0"	106.38
WV4	A	12	2"	51.68	12	3'-0"	81.16	12	3'-0"	125.16
WH1	STR	20	1/2"	33.60	20	12'-0"	60.32	20	15'-0"	312.80
WH2	STR	4	1/2"	21.38	4	10'-0"	26.72	4	15'-0"	54.24
WH3	STR	8	1/2"	32.05	8	8'-0"	42.76	8	11'-0"	91.78
WH4	STR	4	1/2"	16.04	4	6'-0"	16.04	4	9'-0"	37.54
WH5	STR	8	1/2"	32.08	8	7'-0"	32.08	8	10'-0"	58.40
WV10	STR	4	2"	6.56	4	2'-0"	6.56	4	3'-0"	10.44
WV11	STR	4	2"	10.68	4	4'-0"	10.68	4	4'-0"	16.98
WV12	STR	4	2"	14.70	4	5'-0"	14.70	4	5'-6"	22.94
WV13	STR	4	2"	18.72	4	6'-0"	18.72	4	7'-0"	29.20
W3	B	8	4"	78.16	8	5'-0"	54.40	8	5'-2"	192.20
A1	STR	22	1/2"	66.28	28	14'-11"	278.65	36	15'-4"	575.64
A2	STR	44	1/2"	132.52	52	15'-0"	470.42	52	15'-0"	813.80
C1	B	28	1/2"	112.26	32	6'-3"	44.32	32	6'-3"	216.00
C2	STR	4	2"	32.84	4	14'-11"	39.20	4	15'-4"	144.10
Total for 1 cell				830.			1072			2108.
Total for 2 cells				1112.			1408			2884.



NOTE: Approximate steel weights 10 lb per sq. yd. of conc.
REFER TO DWG S-536 FOR PLACING
REFER TO DWG 1039-P FOR LAYOUT



GENERAL DETAILS OF STANDARD CONCRETE
 BOX CULVERTS
 (MARTIN)

GOVERNMENT OF ALBERTA
 DEPARTMENT OF HIGHWAYS
 BRIDGE BRANCH, EDMONTON