

BILL OF REINFORCING STEEL FOR TWO ABUTMENTS						Site No. 3049-10
MARK	TYPE	PIVOT DIAMETER	LENGTH	No.	MASS	BENDING DIAGRAM
A 1501	BENT	45	1 100	92	79.44	
A 1501	BENT	90	5 900	112	1037.46	
A 1502	BENT		2 680	92	387.10	
A 1503	BENT	90	2 630	92	379.88	
A 1504	BENT	90	2 480	126	490.59	
A 1505	STR		9 000	22	310.86	
A 1506	STR		5 920	22	204.48	
A 1507	BENT	90	1 080	36	61.04	
A 1508	STR		1 140	40	71.59	
A 1509	STR		2 350	28	103.31	

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MARK	TYPE	PIVOT DIAMETER	LENGTH	No.	MASS	BENDING DIAGRAM
A 1510	BENT	90	1 900	8	23.86	
A 1511	BENT	90	1 950	8	24.49	
A 1512-1	BENT	90	1 920	4	12.06	
A 1512-2	BENT	90	2 320	4	14.57	
A 1512-3	BENT	90	2 740	4	17.21	
A 1512-4	BENT	90	3 140	4	19.72	
A 1512-5	BENT	90	3 560	4	22.36	
A 1513	STR		770	4	4.84	
A 1514	STR		1 950	4	12.25	
A 1515-1	STR		2 570	4	15.14	
A 1515-2	STR		2 250	4	14.19	
A 1515-3	STR		1 950	4	12.31	
A 1516	STR		1 630	4	10.24	

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MARK	TYPE	PIVOT DIAMETER	LENGTH	No.	MASS	BENDING DIAGRAM
A 1517-1	STR		2 030	4	12.75	
A 1517-2	STR		1 720	4	10.80	
A 1518	STR		2 220	4	13.94	
A 1519	STR		2 250	16	56.52	
A 1520	BENT	90	2 350	12	44.27	
A 1521	BENT	90	1 960	52	160.01	
A 1522	BENT	90	1 850	4	11.62	
A 1523	BENT	90	1 550	12	29.20	
A 2001-1	STR		2 730	4	25.72	
A 2001-2	STR		2 540	4	23.93	
A 2001-3	STR		2 360	4	22.23	
A 2002-1	STR		2 130	4	20.06	
A 2002-2	STR		1 940	4	18.27	
A 2002-3	STR		1 760	4	16.58	
A 2003	STR		2 220	4	20.91	
A 2004	STR		2 250	16	84.78	
A 2005	STR		9 000	8	169.56	
A 2006	STR		6 050	8	113.98	
A 2501	STR		9 000	40	143.00	
A 2502	STR		6 190	40	971.83	

Total mass of reinforcing steel 8569.95 kg
 Total volume of structural concrete 87.51 m³

- NOTES:
- All dimensions given in bending diagram are out to out, except radii. Radii are inside dimensions. All reinforcing steel bends and hooks shall conform to Clause 6.6.2 of C.S.A. A23.1-04, unless noted otherwise in the BILL OF REINFORCING STEEL.
 - All reinforcing steel shall be deformed steel, unless noted otherwise in the BILL OF REINFORCING STEEL.
 - All reinforcing steel shall conform to CSA G30.18-M82 "Billet Steel Bars for Concrete Reinforcement" Grade 400W, unless noted otherwise in the BILL OF REINFORCING STEEL.
 - Like bars shall be bundled, securely tied and identified as to Mark and Site No. by appropriate means. All other items to be identified in a similar fashion.
 - All bars shall be bent in accordance with the following detail:

