

**ALEXANDER VALLEY ROAD
BOX HEADWALL
M08402**

					ENGINEER'S ESTIMATE		1. North Bay Const. Inc.		
ITEM NO.	ITEM DESCRIPTION			UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	71301	TEMPORARY FENCE (TREE PROTECTION)		LF	115.00	\$8.00	\$920.00	\$8.00	\$920.00
2	74016	CONSTRUCTION SITE MANAGEMENT		LS	1.00	\$6,000.00	\$6,000.00	\$180.00	\$180.00
3	74017	PREPARE WATER POLLUTION CONTROL PLAN		LS	1.00	\$2,500.00	\$2,500.00	\$450.00	\$450.00
4	74020	WATER POLLUTION CONTROL		LS	1.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
5	74032	TEMPORARY CONCRETE WASHOUT BIN		EA	1.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00
6	120090	CONSTRUCTION AREA SIGNS		EA	4.00	\$350.00	\$1,400.00	\$194.00	\$776.00
7	120100	TRAFFIC CONTROL SYSTEM		LS	1.00	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00
8	120101	FLAGGING		FA	4500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
9	160101	CLEARING AND GRUBBING		LS	1.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00
10	170101	DEVELOP WATER SUPPLY		LS	1.00	\$5,000.00	\$5,000.00	\$375.00	\$375.00
11	190101	ROADWAY EXCAVATION		CY	15.00	\$100.00	\$1,500.00	\$100.00	\$1,500.00
12	190110	LEAD COMPLIANCE PLAN		LS	1.00	\$1,500.00	\$1,500.00	\$1,450.00	\$1,450.00
13	190168	REMOVE AND DISPOSE SURPLUS MATERIAL		CY	15.00	\$125.00	\$1,875.00	\$25.00	\$375.00
14	190169	UNSUITABLE MATERIAL EXCAVATION (TYPE 2)		CY	3.00	\$150.00	\$450.00	\$269.00	\$807.00
15	192037	(F)	STRUCTURAL EXCAVATION	CY	40.00	\$50.00	\$2,000.00	\$65.00	\$2,600.00
16	193013	(F)	STRUCTURAL BACKFILL	CY	20.00	\$140.00	\$2,800.00	\$138.00	\$2,760.00
17	198020	CONSTRUCT ROCK DRIVEWAY		SY	50.00	\$75.00	\$3,750.00	\$46.00	\$2,300.00
18	203001	EROSION CONTROL-BLANKET		SY	10.00	\$10.00	\$100.00	\$70.00	\$700.00
19	394090	HOT MIX ASPHALT (MISCELLANEOUS AREA)		SY	80.00	\$100.00	\$8,000.00	\$39.00	\$3,120.00
20	510060	(F)	STRUCTURAL CONCRETE (BOX CULVERT, HEADWALL)	CY	25.00	\$1,200.00	\$30,000.00	\$1,140.00	\$28,500.00
21	520103	(F)	BAR REINFORCING STEEL	LB	3000.00	\$5.00	\$15,000.00	\$2.75	\$8,250.00
22	620380	60" CORRUGATED METAL PIPE		LF	5.00	\$400.00	\$2,000.00	\$555.00	\$2,775.00
23	721013	ROCK SLOPE PROTECTION (FACING CLASS, METHOD B)		CY	10.00	\$115.00	\$1,150.00	\$207.00	\$2,070.00
24	832002	METAL BEAM GUARD RAILING (STEEL POST)		LF	25.00	\$225.00	\$5,625.00	\$200.00	\$5,000.00
25	839559	TERMINAL SYSTEM (TYPE ET)		EA	1.00	\$11,250.00	\$11,250.00	\$2,900.00	\$2,900.00
26	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)		EA	1.00	\$5,000.00	\$5,000.00	\$900.00	\$900.00
27	840504	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE, 2-COAT)		LF	95.00	\$5.00	\$475.00	\$14.00	\$1,330.00
28	999998	GUARANTY		LS	1.00	\$100.00	\$100.00	\$100.00	\$100.00
SUBTOTAL							\$126,395.00		\$96,838.00
20% CONTINGENCY							\$25,279.00		
TOTAL							\$151,674.00		

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					2. Greener Excavation & Const.		3. Coastside Concrete	
ITEM NO.		ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	71301	TEMPORARY FENCE (TREE PROTECTION)	LF	115.00	\$8.85	\$1,017.75	\$17.39	\$1,999.85
2	74016	CONSTRUCTION SITE MANAGEMENT	LS	1.00	\$2,436.00	\$2,436.00	\$2,500.00	\$2,500.00
3	74017	PREPARE WATER POLLUTION CONTROL PLAN	LS	1.00	\$1,078.00	\$1,078.00	\$1,000.00	\$1,000.00
4	74020	WATER POLLUTION CONTROL	LS	1.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
5	74032	TEMPORARY CONCRETE WASHOUT BIN	EA	1.00	\$825.00	\$825.00	\$1,000.00	\$1,000.00
6	120090	CONSTRUCTION AREA SIGNS	EA	4.00	\$150.00	\$600.00	\$400.00	\$1,600.00
7	120100	TRAFFIC CONTROL SYSTEM	LS	1.00	\$1,250.00	\$1,250.00	\$7,500.00	\$7,500.00
8	120101	FLAGGING	FA	4500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
9	160101	CLEARING AND GRUBBING	LS	1.00	\$2,145.00	\$2,145.00	\$5,000.00	\$5,000.00
10	170101	DEVELOP WATER SUPPLY	LS	1.00	\$3,740.00	\$3,740.00	\$2,500.00	\$2,500.00
11	190101	ROADWAY EXCAVATION	CY	15.00	\$125.00	\$1,875.00	\$100.00	\$1,500.00
12	190110	LEAD COMPLIANCE PLAN	LS	1.00	\$3,355.00	\$3,355.00	\$2,500.00	\$2,500.00
13	190168	REMOVE AND DISPOSE SURPLUS MATERIAL	CY	15.00	\$58.00	\$870.00	\$200.00	\$3,000.00
14	190169	UNSUITABLE MATERIAL EXCAVATION (TYPE 2)	CY	3.00	\$205.28	\$615.84	\$200.00	\$600.00
15	192037	(F) STRUCTURAL EXCAVATION	CY	40.00	\$82.00	\$3,280.00	\$150.00	\$6,000.00
16	193013	(F) STRUCTURAL BACKFILL	CY	20.00	\$115.00	\$2,300.00	\$150.00	\$3,000.00
17	198020	CONSTRUCT ROCK DRIVEWAY	SY	50.00	\$80.59	\$4,029.50	\$75.00	\$3,750.00
18	203001	EROSION CONTROL-BLANKET	SY	10.00	\$57.50	\$575.00	\$50.00	\$500.00
19	394090	HOT MIX ASPHALT (MISCELLANEOUS AREA)	SY	80.00	\$57.00	\$4,560.00	\$80.00	\$6,400.00
20	510060	(F) STRUCTURAL CONCRETE (BOX CULVERT, HEADWALL)	CY	25.00	\$1,225.50	\$30,637.50	\$923.00	\$23,075.00
21	520103	(F) BAR REINFORCING STEEL	LB	3000.00	\$2.96	\$8,880.00	\$1.50	\$4,500.00
22	620380	60" CORRUGATED METAL PIPE	LF	5.00	\$323.80	\$1,619.00	\$300.00	\$1,500.00
23	721013	ROCK SLOPE PROTECTION (FACING CLASS, METHOD B)	CY	10.00	\$416.40	\$4,164.00	\$163.00	\$1,630.00
24	832002	METAL BEAM GUARD RAILING (STEEL POST)	LF	25.00	\$103.75	\$2,593.75	\$300.00	\$7,500.00
25	839559	TERMINAL SYSTEM (TYPE ET)	EA	1.00	\$5,312.21	\$5,312.21	\$3,000.00	\$3,000.00
26	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	1.00	\$2,581.73	\$2,581.73	\$1,000.00	\$1,000.00
27	840504	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE, 2-COAT)	LF	95.00	\$28.29	\$2,687.55	\$16.00	\$1,520.00
28	999998	GUARANTY	LS	1.00	\$0.08	\$0.08	\$5,000.00	\$5,000.00
SUBTOTAL						\$98,527.91		\$105,574.85
20% CONTINGENCY								
TOTAL								

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					4. Pat Nelson Const Inc.		5. Ghilotti Const Co.		
ITEM NO.	ITEM DESCRIPTION			UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	71301	TEMPORARY FENCE (TREE PROTECTION)		LF	115.00	\$3.00	\$345.00	\$10.00	\$1,150.00
2	74016	CONSTRUCTION SITE MANAGEMENT		LS	1.00	\$250.00	\$250.00	\$100.00	\$100.00
3	74017	PREPARE WATER POLLUTION CONTROL PLAN		LS	1.00	\$850.00	\$850.00	\$100.00	\$100.00
4	74020	WATER POLLUTION CONTROL		LS	1.00	\$3,500.00	\$3,500.00	\$1,450.00	\$1,450.00
5	74032	TEMPORARY CONCRETE WASHOUT BIN		EA	1.00	\$1,400.00	\$1,400.00	\$500.00	\$500.00
6	120090	CONSTRUCTION AREA SIGNS		EA	4.00	\$250.00	\$1,000.00	\$170.00	\$680.00
7	120100	TRAFFIC CONTROL SYSTEM		LS	1.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
8	120101	FLAGGING		FA	4500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
9	160101	CLEARING AND GRUBBING		LS	1.00	\$3,800.00	\$3,800.00	\$410.00	\$410.00
10	170101	DEVELOP WATER SUPPLY		LS	1.00	\$500.00	\$500.00	\$400.00	\$400.00
11	190101	ROADWAY EXCAVATION		CY	15.00	\$100.00	\$1,500.00	\$180.00	\$2,700.00
12	190110	LEAD COMPLIANCE PLAN		LS	1.00	\$5,500.00	\$5,500.00	\$1,000.00	\$1,000.00
13	190168	REMOVE AND DISPOSE SURPLUS MATERIAL		CY	15.00	\$100.00	\$1,500.00	\$160.00	\$2,400.00
14	190169	UNSUITABLE MATERIAL EXCAVATION (TYPE 2)		CY	3.00	\$500.00	\$1,500.00	\$550.00	\$1,650.00
15	192037	(F)	STRUCTURAL EXCAVATION	CY	40.00	\$40.00	\$1,600.00	\$470.00	\$18,800.00
16	193013	(F)	STRUCTURAL BACKFILL	CY	20.00	\$65.00	\$1,300.00	\$510.00	\$10,200.00
17	198020	CONSTRUCT ROCK DRIVEWAY		SY	50.00	\$27.00	\$1,350.00	\$80.00	\$4,000.00
18	203001	EROSION CONTROL-BLANKET		SY	10.00	\$9.00	\$90.00	\$66.00	\$660.00
19	394090	HOT MIX ASPHALT (MISCELLANEOUS AREA)		SY	80.00	\$63.00	\$5,040.00	\$120.00	\$9,600.00
20	510060	(F)	STRUCTURAL CONCRETE (BOX CULVERT, HEADWALL)	CY	25.00	\$1,800.00	\$45,000.00	\$1,330.00	\$33,250.00
21	520103	(F)	BAR REINFORCING STEEL	LB	3000.00	\$2.00	\$6,000.00	\$3.00	\$9,000.00
22	620380	60" CORRUGATED METAL PIPE		LF	5.00	\$200.00	\$1,000.00	\$180.00	\$900.00
23	721013	ROCK SLOPE PROTECTION (FACING CLASS, METHOD B)		CY	10.00	\$150.00	\$1,500.00	\$100.00	\$1,000.00
24	832002	METAL BEAM GUARD RAILING (STEEL POST)		LF	25.00	\$250.00	\$6,250.00	\$300.00	\$7,500.00
25	839559	TERMINAL SYSTEM (TYPE ET)		EA	1.00	\$3,400.00	\$3,400.00	\$3,000.00	\$3,000.00
26	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)		EA	1.00	\$1,050.00	\$1,050.00	\$900.00	\$900.00
27	840504	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE, 2-COAT)		LF	95.00	\$14.00	\$1,330.00	\$18.00	\$1,710.00
28	999998	GUARANTY		LS	1.00	\$100.00	\$100.00	\$1.00	\$1.00
				SUBTOTAL			\$106,155.00		\$124,061.00
				20% CONTINGENCY					
				TOTAL					

**ALEXANDER VALLEY ROAD
BOX HEADWALL
M08402**

					6. W.R. Forde Assoc.		7. A.J. Vasconi Gen'l Engineering			
ITEM NO.	ITEM DESCRIPTION			UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	
1	71301	TEMPORARY FENCE (TREE PROTECTION)			LF	115.00	\$5.00	\$575.00	\$7.00	\$805.00
2	74016	CONSTRUCTION SITE MANAGEMENT			LS	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00
3	74017	PREPARE WATER POLLUTION CONTROL PLAN			LS	1.00	\$900.00	\$900.00	\$895.00	\$895.00
4	74020	WATER POLLUTION CONTROL			LS	1.00	\$2,500.00	\$2,500.00	\$1,225.00	\$1,225.00
5	74032	TEMPORARY CONCRETE WASHOUT BIN			EA	1.00	\$200.00	\$200.00	\$1,200.00	\$1,200.00
6	120090	CONSTRUCTION AREA SIGNS			EA	4.00	\$250.00	\$1,000.00	\$275.00	\$1,100.00
7	120100	TRAFFIC CONTROL SYSTEM			LS	1.00	\$6,000.00	\$6,000.00	\$12,575.00	\$12,575.00
8	120101	FLAGGING			FA	4500.00	\$1.00	\$4,500.00	\$1.00	\$4,500.00
9	160101	CLEARING AND GRUBBING			LS	1.00	\$28,000.00	\$28,000.00	\$4,500.00	\$4,500.00
10	170101	DEVELOP WATER SUPPLY			LS	1.00	\$1,000.00	\$1,000.00	\$975.00	\$975.00
11	190101	ROADWAY EXCAVATION			CY	15.00	\$75.00	\$1,125.00	\$330.00	\$4,950.00
12	190110	LEAD COMPLIANCE PLAN			LS	1.00	\$1,500.00	\$1,500.00	\$8,000.00	\$8,000.00
13	190168	REMOVE AND DISPOSE SURPLUS MATERIAL			CY	15.00	\$100.00	\$1,500.00	\$145.00	\$2,175.00
14	190169	UNSUITABLE MATERIAL EXCAVATION (TYPE 2)			CY	3.00	\$200.00	\$600.00	\$2,000.00	\$6,000.00
15	192037	(F)	STRUCTURAL EXCAVATION		CY	40.00	\$200.00	\$8,000.00	\$145.00	\$5,800.00
16	193013	(F)	STRUCTURAL BACKFILL		CY	20.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00
17	198020	CONSTRUCT ROCK DRIVEWAY			SY	50.00	\$75.00	\$3,750.00	\$30.00	\$1,500.00
18	203001	EROSION CONTROL-BLANKET			SY	10.00	\$15.00	\$150.00	\$65.00	\$650.00
19	394090	HOT MIX ASPHALT (MISCELLANEOUS AREA)			SY	80.00	\$75.00	\$6,000.00	\$165.00	\$13,200.00
20	510060	(F)	STRUCTURAL CONCRETE (BOX CULVERT, HEADWALL)		CY	25.00	\$1,140.00	\$28,500.00	\$1,548.00	\$38,700.00
21	520103	(F)	BAR REINFORCING STEEL		LB	3000.00	\$2.75	\$8,250.00	\$1.60	\$4,800.00
22	620380	60" CORRUGATED METAL PIPE			LF	5.00	\$350.00	\$1,750.00	\$450.00	\$2,250.00
23	721013	ROCK SLOPE PROTECTION (FACING CLASS, METHOD B)			CY	10.00	\$250.00	\$2,500.00	\$375.00	\$3,750.00
24	832002	METAL BEAM GUARD RAILING (STEEL POST)			LF	25.00	\$257.00	\$6,425.00	\$255.00	\$6,375.00
25	839559	TERMINAL SYSTEM (TYPE ET)			EA	1.00	\$2,800.00	\$2,800.00	\$3,500.00	\$3,500.00
26	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)			EA	1.00	\$800.00	\$800.00	\$1,225.00	\$1,225.00
27	840504	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE, 2-COAT)			LF	95.00	\$14.00	\$1,330.00	\$20.00	\$1,900.00
28	999998	GUARANTY			LS	1.00	\$1,000.00	\$1,000.00	\$2,750.00	\$2,750.00
					SUBTOTAL			\$128,655.00		\$141,300.00
					20% CONTINGENCY					
					TOTAL					