

SHORELINE IMPROVEMENT PROJECT
CLIFF ROAD
FEOFFEEES OF THE GRAMMER SCHOOL
IPSWICH, MA

PROJECT STATUS: PRELIMINARY DESIGN
ESTIMATOR: PETER J. WILLIAMS, P.E.
VINE ASSOCIATES, INC.
190 OLD DERBY ST., HINGHAM, MA

DATE: February 20, 2009

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL COST
1	Mob & Demob	1	LS	\$30,000	\$30,000
2	Site Clearing	2,540	SY	\$5	\$12,700
3	Furnish Armor Stone	5,000	Tons	\$50	\$250,000
4	Furnish Bedding Stone	1,650	Tons	\$35	\$57,750
4	Revetment Construction	570	LF	\$350	\$199,500
5	Drain Pipe	20	LF	\$100	\$2,000
6	Catch Basin	1	LF	\$3,000	\$3,000
7	Cape Cobd Berm	120	LF	\$20	\$2,400
8	Filter Fabric	2,540	SY	\$5	\$12,700

SUBTOTAL	\$570,050
CONTINGENCY @ 10%	<u>\$57,005</u>
SUBTOTAL	\$627,055
TOTAL ESTIMATED COST	SAY \$630,000



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FEOFFEES OF THE GRAMMER SCHOOL
IPSWICH, MA**

PROJECT STATUS: PRELIMINARY DESIGN
ESTIMATOR: PETER J. WILLIAMS, P.E.
VINE ASSOCIATES, INC.
190 OLD DERBY ST., HINGHAM, MA

DATE: November 3, 2010

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL COST
1	Mob & Demob	1	LS	\$30,000	\$30,000
2	Site Clearing	2,540	SY	\$5	\$12,700
3	Furnish Armor Stone	5,000	Tons	\$65	\$325,000
4	Furnish Bedding Stone	1,650	Tons	\$35	\$57,750
4	Revetment Construction	570	LF	\$350	\$199,500
5	Drain Pipe	20	LF	\$100	\$2,000
6	Catch Basin	1	LF	\$3,000	\$3,000
7	Cape Cobd Berm	120	LF	\$20	\$2,400
8	Filter Fabric	2,540	SY	\$5	\$12,700

SUBTOTAL	\$645,050
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CONTINGENCY @ 10%	<u>\$64,505</u>
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SUBTOTAL	\$709,555
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TOTAL ESTIMATED COST	SAY	\$710,000
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SHORELINE IMPROVEMENT PROJECT

CLIFF ROAD FEOFFEE'S OF THE GRAMMER SCHOOL IPSWICH, MA

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VINE ASSOCIATES, INC.
190 OLD DERBY ST., HINGHAM, MA

DATE: November 3, 2010

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2	Site Clearing	2,540	SY	\$5	\$12,700
3	Furnish Armor Stone	5,000	Tons	\$65	\$325,000
4	Furnish Bedding Stone	1,650	Tons	\$35	\$57,750
5	Revetment Construction	570	LF	\$350	\$199,500
6	Drain Pipe	20	LF	\$100	\$2,000
7	Catch Basin	1	LF	\$3,000	\$3,000
8	Cape Cobd Berm	120	LF	\$20	\$2,400
9	Filter Fabric	2,540	SY	\$5	\$12,700

SUBTOTAL		\$645,050
CONTINGENCY @ 10%		<u>\$64,505</u>
SUBTOTAL		\$709,555
TOTAL ESTIMATED COST	SAY	\$710,000
INFLATION @ 5%		<u>\$35,500</u>
SUBTOTAL		\$745,500
UPDATED TOTAL ESTIMATED COST	SAY	\$750,000

SHORELINE IMPROVEMENT PROJECT

**RIVER ROAD
FEOFFEEES OF THE GRAMMER SCHOOL
IPSWICH, MA**

PROJECT STATUS: PRELIMINARY DESIGN
ESTIMATOR: PETER J. WILLIAMS, P.E.
VINE ASSOCIATES, INC.
190 OLD DERBY ST., HINGHAM, MA

DATE: February 20, 2009

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL COST
1	Mob & Demob	1	LS	\$10,000	\$10,000
2	Site Clearing	440	SY	\$5	\$2,200
3	Furnish Armor Stone	850	Tons	\$50	\$42,500
4	Furnish Bedding Stone	380	Tons	\$35	\$13,300
4	Revetment Construction	320	LF	\$275	\$88,000
5	Drain Pipe	0	LF	\$100	\$0
6	Catch Basin	0	LF	\$100	\$0
7	Cape Cobd Berm	0	LF	\$3,000	\$0
8	Filter Fabric	400	SY	\$5	\$2,000

SUBTOTAL	\$158,000
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CONTINGENCY @ 10%	<u>\$15,800</u>
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SUBTOTAL	\$173,800
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TOTAL ESTIMATED COST	SAY \$180,000
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SHORELINE IMPROVEMENT PROJECT

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VINE ASSOCIATES, INC.
190 OLD DERBY ST., HINGHAM, MA

DATE: November 3, 2010

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL COST
1	Mob & Demob	1	LS	\$10,000	\$10,000
2	Site Clearing	440	SY	\$5	\$2,200
3	Furnish Armor Stone	850	Tons	\$65	\$55,250
4	Furnish Bedding Stone	380	Tons	\$35	\$13,300
4	Revetment Construction	320	LF	\$275	\$88,000
5	Drain Pipe	0	LF	\$100	\$0
6	Catch Basin	0	LF	\$100	\$0
7	Cape Cobd Berm	0	LF	\$3,000	\$0
8	Filter Fabric	400	SY	\$5	\$2,000

SUBTOTAL	\$170,750
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CONTINGENCY @ 10%	<u>\$17,075</u>
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SUBTOTAL	\$187,825
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TOTAL ESTIMATED COST	SAY \$190,000
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1	Mob & Demob	1	LS	\$10,000	\$10,000
2	Site Clearing	440	SY	\$5	\$2,200
3	Furnish Armor Stone	850	Tons	\$65	\$55,250
4	Furnish Bedding Stone	380	Tons	\$35	\$13,300
5	Revetment Construction	320	LF	\$275	\$88,000
6	Drain Pipe	0	LF	\$100	\$0
7	Catch Basin	0	LF	\$100	\$0
8	Cape Cobd Berm	0	LF	\$3,000	\$0
9	Filter Fabric	400	SY	\$5	\$2,000

SUBTOTAL		\$170,750
CONTINGENCY @ 10%		<u>\$17,075</u>
SUBTOTAL		\$187,825
TOTAL ESTIMATED COST	SAY	\$190,000
INFLATION @ 5%		<u>\$9,500</u>
SUBTOTAL		\$199,500
UPDATED TOTAL ESTIMATED COST	SAY	\$200,000