

Vermont Agency of Transportation

SWANTON NH 036-1(9)

Estimate PRELIMINARY - Engineer's Estimate

601.0815	18" RCP CLASS III	55.00	LF	\$190.647	\$10,485.59
601.2605	12" CPEP(SL)	45.00	LF	\$77.413	\$3,483.59
601.2610	15" CPEP(SL)	30.00	LF	\$94.733	\$2,841.99
601.2615	18" CPEP(SL)	150.00	LF	\$94.964	\$14,244.60
601.2620	24" CPEP(SL)	2,155.00	LF	\$69.710	\$150,225.05
601.2625	30" CPEP(SL)	340.00	LF	\$109.697	\$37,296.98
601.2630	36" CPEP(SL)	195.00	LF	\$134.266	\$26,181.87
601.6815	18" RCPES CLASS III	2.00	EACH	\$650.000	\$1,300.00
601.7010	15" CPEPES	2.00	EACH	\$485.000	\$970.00
601.7015	18" CPEPES	4.00	EACH	\$681.838	\$2,727.35
601.7020	24" CPEPES	42.00	EACH	\$635.000	\$26,670.00
601.7025	30" CPEPES	12.00	EACH	\$710.000	\$8,520.00
604.18	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	25.00	EACH	\$4,737.459	\$118,436.48
604.40	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	5.00	EACH	\$1,094.394	\$5,471.97
604.412	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	1.00	EACH	\$1,893.518	\$1,893.52
604.42	CHANGING ELEVATION OF SEWER MANHOLES	5.00	EACH	\$1,135.453	\$5,677.27
605.10	UNDERDRAIN PIPE, 6 INCHES	6,115.00	LF	\$30.385	\$185,804.28
605.11	UNDERDRAIN PIPE, 8 INCHES	780.00	LF	\$30.000	\$23,400.00
605.95	UNDERDRAIN FLUSHING BASIN	25.00	EACH	\$466.750	\$11,668.75
609.10	DUST CONTROL WITH WATER	8,075.00	MGAL	\$1.882	\$15,197.15
616.28	CAST-IN-PLACE CONCRETE CURB, TYPE B	100.00	LF	\$76.864	\$7,686.40
621.30	BOX BEAM GUARDRAIL	21,150.00	LF	\$65.090	\$1,376,653.50
621.50	MANUFACTURED TERMINAL SECTION, FLARED	25.00	EACH	\$2,759.816	\$68,995.40
621.80	REMOVAL AND DISPOSAL OF GUARDRAIL	4,035.00	LF	\$1.223	\$4,934.81
635.11	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$2,435,031.669	\$2,435,031.67
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE	1.00	LS	\$2,500,000.000	\$2,500,000.00
646.403	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	60,200.00	LF	\$0.947	\$57,009.40
646.413	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	52,880.00	LF	\$0.948	\$50,130.24
646.483	DURABLE 24 INCH STOP BAR, EPOXY PAINT	150.00	LF	\$13.876	\$2,081.40
646.493	DURABLE LETTER OR SYMBOL, EPOXY PAINT	30.00	EACH	\$139.732	\$4,191.96
646.600	TEMPORARY 4 INCH WHITE LINE	60,200.00	LF	\$0.273	\$16,434.60
646.610	TEMPORARY 4 INCH YELLOW LINE	52,880.00	LF	\$0.242	\$12,796.96
646.680	TEMPORARY 24 INCH STOP BAR	150.00	LF	\$6.307	\$946.05
646.690	TEMPORARY LETTER OR SYMBOL	24.00	EACH	\$49.807	\$1,195.37
646.76	LINE STRIPING TARGETS	25,315.00	EACH	\$0.425	\$10,758.88
656.35	DECIDUOUS SHRUBS	320.00	EACH	\$44.974	\$14,391.68
675.20	TRAFFIC SIGN, TYPE A	60.00	SF	\$28.814	\$1,728.84

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675.341	SQUARE TUBE SIGN POST AND ANCHOR		1,790.00	LF	\$17.771	\$31,810.09
675.50	REMOVING SIGNS		130.00	EACH	\$18.387	\$2,390.31
675.60	RESETTING SIGNS		130.00	EACH	\$25.391	\$3,300.83
676.10	DELINEATOR WITH STEEL POST		240.00	EACH	\$95.511	\$22,922.64
900.608	SPECIAL PROVISION	(GABION RETAINING WALL)	1,245.00	CY	\$100.000	\$124,500.00
900.670	SPECIAL PROVISION	(PERMANENT SHEET PILING)(COOPER E-80 LIVELOAD)	4,590.00	SF	\$100.000	\$459,000.00
900.675	SPECIAL PROVISION	(GEO-GRID FOR SUBBASE REHABILITATION)	97,300.00	SY	\$9.000	\$875,700.00
					Category total:	\$21,859,006.94

Category		Description				
1031 - TRAINING		1031				
Item Number	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
634.10	EMPLOYEE TRAINEESHIP		800.00	HR	\$17.278	\$13,822.40
					Category total:	\$13,822.40

Category		Description				
1051 - EROSION CONTROL		1051				
Item Number	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
613.10	STONE FILL, TYPE I		9,610.00	CY	\$49.407	\$474,801.27
613.11	STONE FILL, TYPE II		6,540.00	CY	\$63.917	\$418,017.18
613.13	STONE FILL, TYPE IV		520.00	CY	\$69.801	\$36,296.52
649.11	GEOTEXTILE FOR ROADBED SEPARATOR		47,590.00	SY	\$1.383	\$65,816.97
649.31	GEOTEXTILE UNDER STONE FILL		24,935.00	SY	\$1.436	\$35,806.66
649.41	GEOTEXTILE FOR UNDERDRAIN TRENCH LINING		6,890.00	SY	\$1.100	\$7,579.00
649.61	GEOTEXTILE FOR FILTER CURTAIN		370.00	SY	\$29.392	\$10,875.04
651.35	TOPSOIL		3,060.00	CY	\$41.309	\$126,405.54
651.40	GRUBBING MATERIAL		25,690.00	SY	\$5.379	\$138,186.51
653.01	EPSC PLAN		1.00	LS	\$15,000.000	\$15,000.00
653.02	MONITORING EPSC PLAN		600.00	HR	\$120.000	\$72,000.00
653.20	ROLLED EROSION CONTROL PRODUCT, TYPE I		55,650.00	SY	\$2.108	\$117,310.20
653.35	STABILIZED CONSTRUCTION ENTRANCE		450.00	CY	\$52.637	\$23,686.65
653.40	INLET PROTECTION DEVICE, TYPE I		30.00	EACH	\$156.510	\$4,695.30
653.45	FILTER BAG		10.00	EACH	\$432.992	\$4,329.92
653.475	SILT FENCE, TYPE I		23,560.00	LF	\$3.102	\$73,083.12
653.476	SILT FENCE, TYPE II		2,200.00	LF	\$5.700	\$12,540.00

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653.50	BARRIER FENCE	24,400.00	LF	\$2.461	\$60,048.40
653.55	PROJECT DEMARCATION FENCE	17,680.00	LF	\$1.490	\$26,343.20
653.60	EROSION LOG	24,930.00	LF	\$3.625	\$90,371.25

Category total: \$1,813,192.73

Category		Description				
1211 - BRIDGE NO. 1		1211				
Item Number	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
203.30	EARTH BORROW		80.00	CY	\$3.843	\$307.44
204.20	TRENCH EXCAVATION OF EARTH		1,200.00	CY	\$23.622	\$28,346.40
204.25	STRUCTURE EXCAVATION		2,150.00	CY	\$26.032	\$55,968.80
204.30	GRANULAR BACKFILL FOR STRUCTURES		2,500.00	CY	\$44.037	\$110,092.50
529.15	REMOVAL OF STRUCTURE	(8'X13.5'X45' CMP)	1.00	EACH	\$50,092.740	\$50,092.74
540.10	PRECAST CONCRETE STRUCTURE	((14 FT X 10 FT X 46 FT BOX CULVERT)	1.00	LS	\$350,000.000	\$350,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 56 FT BOX CULVERT)	1.00	LS	\$210,000.000	\$210,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 56 FT BOX CULVERT)	1.00	LS	\$210,000.000	\$210,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 58 FT BOX CULVERT)	1.00	LS	\$218,000.000	\$218,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 58 FT BOX CULVERT)	1.00	LS	\$218,000.000	\$218,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 60 FT BOX CULVERT)	1.00	LS	\$225,000.000	\$225,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 62 FT BOX CULVERT)	1.00	LS	\$232,000.000	\$232,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 64 FT BOX CULVERT)	1.00	LS	\$240,000.000	\$240,000.00
540.10	PRECAST CONCRETE STRUCTURE	(4 FT X 4 FT X 64 FT BOX CULVERT)	1.00	LS	\$240,000.000	\$240,000.00
629.54	CRUSHED STONE BEDDING		280.00	TON	\$52.087	\$14,584.36
649.11	GEOTEXTILE FOR ROADBED SEPARATOR		350.00	SY	\$1.383	\$484.05
900.608	SPECIAL PROVISION	(STONE FILL, STREAM BED MATERIAL)	75.00	CY	\$60.000	\$4,500.00
900.670	SPECIAL PROVISION	(CONCRETE RETAINING WALL)	2,000.00	SF	\$200.000	\$400,000.00
900.670	SPECIAL PROVISION	(TEMPORARY SHEET PILING)	4,150.00	SF	\$33.000	\$136,950.00
900.675	SPECIAL PROVISION	(PRECAST CONCRETE WINGWALL)	70.00	SY	\$1,300.000	\$91,000.00
					Category total:	\$3,035,326.29

Category		Description				
1999 - FULL C.E. ITEMS		1999				
Item Number	Description	Supplemental Description	Quantity	Unit	Unit Price	Amount
631.10	FIELD OFFICE, ENGINEERS		1.00	LS	\$54,000.000	\$54,000.00

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631.16	TESTING EQUIPMENT, CONCRETE	1.00	LS	\$5,000.000	\$5,000.00
631.17	TESTING EQUIPMENT, BITUMINOUS	1.00	LS	\$5,000.000	\$5,000.00

Category total: \$64,000.00

Grand Total: \$26,785,348.36