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# STURBRIDGE 1-84 BMP IMPLEMENTATION

COST ESTIMATE

PROJECT FILE NO.

605592

ESTIMATE					
TOWN :	Sturbridge				
PROJECT:	I-84 BMP Implementation				
FILE:	605592				
				March 2016	
ITEM #	DESCRIPTION	QUANTITIES	UNIT	UNIT \$ PRICE	TOTAL \$ VALUE
		PART.			
101.	CLEARING AND GRUBBING	6.54	ACRE	\$19,150.00	\$125,148.21
102.52*	TEMPORARY TREE PROTECTION FENCE	3600	FT	\$8.00	\$28,800.00
120.1	UNCLASSIFIED EXCAVATION	4500	CY	\$33.00	\$148,500.00
129.2*	OLD PAVEMENT EXCAVATION	30	SY	\$9.50	\$285.00
141.	CLASS A TRENCH EXCAVATION	530	CY	\$29.00	\$15,370.00
142.	CLASS B TRENCH EXCAVATION	300	CY	\$27.00	\$8,100.00
146.	DRAINAGE STRUCTURE REMOVED	28	EA	\$517.00	\$14,476.00
150.	ORDINARY BORROW	4350	CY	\$26.00	\$113,100.00
151.01	GRAVEL BORROW - TYPE C	1280	CY	\$37.00	\$47,360.00
156.	CRUSHED STONE	240	TON	\$42.00	\$10,080.00
180.1*	HEALTH AND SAFETY PLAN	1	LS	\$3,500.00	\$3,500.00
180.2*	IMPLEMENTATION OF HEALTH AND SAFETY PLAN	220	HR	\$75.00	\$16,500.00
180.3*	PERSONNEL PROTECTION LEVEL C UPGRADE	210	HR	\$19.00	\$6,990.00
180.4*	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS	50	CY	\$26.00	\$1,300.00
180.5*	LICENSED SITE PROFESSIONAL (LSP) SERVICES	40	HR	\$109.00	\$4,360.00
180.6*	MISCELLANEOUS SOIL TESTING	20	EA	\$850.00	\$17,000.00
201.	CATCH BASIN	24	EA	\$2,820.00	\$67,680.00
202.	MANHOLE	15	EA	\$3,350.00	\$50,250.00
203.3*	OUTLET CONTROL DRAINAGE STRUCTURE	1	EA	\$2,200.00	\$2,200.00
220.5	DRAINAGE STRUCTURE REMODELED	1	EA	\$650.00	\$650.00
221.	FRAME AND COVER	15	EA	\$700.00	\$10,500.00
222.	FRAME AND GRATE - MASSDOT BAR TYPE	25	EA	\$775.00	\$19,375.00
223.2*	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED	26	EA	\$73.00	\$1,898.00
227.001*	EXPANSION PLUG	1	EA	\$200.00	\$200.00
227.3	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS	17	CY	\$165.00	\$2,805.00
227.31	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS	128	FT	\$9.00	\$1,152.00
227.4	MASONRY PLUG	41	SF	\$110.00	\$4,510.00
241.12	12 INCH REINFORCED CONCRETE PIPE	1690	FT	\$73.00	\$123,370.00
241.24	24 INCH REINFORCED CONCRETE PIPE	90	FT	\$89.00	\$8,010.00
241.36	36 INCH REINFORCED CONCRETE PIPE	180	FT	\$152.00	\$27,360.00
242.12	12 INCH REINFORCED CONCRETE PIPE FLARED END	19	EA	\$950.00	\$18,050.00
242.24	24 INCH REINFORCED CONCRETE PIPE FLARED END	2	EA	\$1,250.00	\$2,500.00
242.36	36 INCH REINFORCED CONCRETE PIPE FLARED END	2	EA	\$1,575.00	\$3,150.00
258.	STONE FOR PIPE ENDS	630	SY	\$53.00	\$33,390.00
271.121*	12 INCH PIPE REMOVED AND DISCARDED	360	FT	\$16.00	\$5,760.00
450.90*	CONTRACTOR QUALITY CONTROL	60	TON	\$4.00	\$240.00
451.*	HMA FOR PATCHING	60	TON	\$185.00	\$11,100.00
453.*	HMA JOINT SEALANT	720	FT	\$1.00	\$720.00
456.*	WARM-MIX ASPHALT PAVEMENT	60	TON	\$3.50	\$210.00
482.3*	SAWCUTTING ASPHALT PAVEMENT	720	FT	\$3.00	\$2,160.00
570.2	HOT MIX ASPHALT CURB TYPE 2	40	FT	\$6.50	\$260.00
580.	CURB REMOVED AND RESET	50	FT	\$21.00	\$1,050.00
630.	HIGHWAY GUARD REMOVED AND RESET	100	FT	\$11.00	\$1,100.00
661.*	SWING GATE	1	EA	\$2,000.00	\$2,000.00
670.	FENCE REMOVED AND RESET	330	FT	\$22.50	\$7,425.00
697.1*	SILT SACK	48	EA	\$160.00	\$7,680.00
698.3*	GEOTEXTILE FABRIC FOR SEPARATION	990	SY	\$4.50	\$4,455.00
751.	LOAM BORROW	5490	CY	\$50.00	\$274,500.00
751.7*	COMPOST TOPSOIL	690	SY	\$6.00	\$4,140.00
756.1*	NPDES STORM WATER POLLUTION PREVENTION PLAN	1	EA	\$4,300.00	\$4,300.00
765.	SEEDING	41900	SY	\$1.75	\$73,325.00
765.457*	SEEDING - INFILTRATION BASIN/SWALE MIX	7600	SY	\$2.00	\$15,200.00
765.71*	SEEDING - WILDFLOWER MIX	690	SY	\$1.50	\$1,035.00
767.12*	COMPOST FILTER TUBES	1010	FT	\$7.00	\$7,070.00
767.31	STRAW MULCH	50100	SY	\$1.00	\$50,100.00
767.731*	JUTE MESH EROSION CONTROL FABRIC	20	SY	\$8.00	\$160.00
767.77*	COMPOST MULCH FOR RIPRAP	690	SY	\$6.00	\$4,140.00
854.016	TEMPORARY PAVEMENT MARKINGS - 6 INCH (PAINTED)	400	FT	\$0.20	\$80.00
854.1	PAVEMENT MARKING REMOVAL (PAINTED)	200	SF	\$1.50	\$300.00
983.1	RIPRAP	50	TON	\$61.50	\$3,075.00
986.	MODIFIED ROCKFILL	630	TON	\$61.50	\$38,745.00
988.01	SEDIMENT FOREBAY PAVING	1530	SY	\$15.00	\$22,950.00

\*Not included in Standard Specifications and Special Provision Provided

PARTICIPATING TOTAL= \$1,478,199.21  
SUBTOTAL= \$1,478,199.21

3.5% TRAFFIC POLICE= \$51,736.97  
5% CONST. ENG.= \$73,909.96  
10% CONTINGENCY= \$147,819.92  
TOTAL= \$1,751,666.06

SAY \$1,751,670.00