



**ENGINEERS COST OPINION**

Project: Newbury Emergency Services Facilities	Date: 12/7/2015
Project No.: 15-0721-2	By: Patrick Colburn
Cost Estimate Status:	

Item#	Item	Quantity	Unit	Unit Cost	Item Total	Remarks
201.1	Clearing and Grubbing	0.64	AC	\$15,000.00	\$9,600	
202.41	Removal of Existing Pipes	103	LF	\$20.00	\$2,060	
203.1	Common Excavation	11,411	CY	\$10.00	\$114,110	
203.2	Rock Excavation	5,000	CY	\$20.00	\$100,000	From Dennis Mires
209.1	Granular Backfill	1,244	CY	\$10.00	\$12,440	
304.1	Sand	437	CY	\$23.00	\$10,051	
304.2	Bank Run Gravel	874	CY	\$25.00	\$21,850	
304.3	Crushed Gravel	437	CY	\$28.00	\$12,236	
403.1	Binder Course Pavement	265	TN	\$80.00	\$21,200	
403.1	Wearing Course Pavement	133	TN	\$80.00	\$10,640	
583.3	RipRap	40	CY	\$30.00	\$1,200	
603.30112	12" End Section (Headwall)	1	EA	\$500.00	\$500	
603.83212	12" Plastic Pipe	281	LF	\$42.00	\$11,802	
603.83218	18" Plastic Pipe	105	LF	\$52.00	\$5,460	
603.83224	24" Plastic Pipe	370	LF	\$70.00	\$25,900	
604.12	Catch Basin	6	EA	\$2,500.00	\$15,000	
604.39	Outlet Control Structure	1	EA	\$3,500.00	\$3,500	
605.506	6" Underdrain	114	LF	\$25.00	\$2,850	
608.26	6" Concrete Sidewalks	235	SY	\$60.00	\$14,100	
609.01	Straight Granite Curb	614	LF	\$25.00	\$15,350	
613.41	Bio-Retention Filter Media	155	CY	\$75.00	\$11,625	
614.7418	Underground Utility Conduits	350	LF	\$120.00	\$42,000	
615.02	Traffic Signs	4	EA	\$125.00	\$500	
625	Pole Mounted Site Lighting	2	EA	\$2,500.00	\$5,000	
632.0104	Parking Lot Striping	1	LS	\$5,000.00	\$5,000	
645	Erosion Controls	1	LS	\$5,000.00	\$5,000	
646.31	Turf Establishment	4,445	SY	\$0.75	\$3,334	
646.5	Loam	740	CY	\$25.00	\$18,500	
651	Site Landscaping	1	LS	\$20,000.00	\$20,000	
664.1	Septic System	1	LS	\$15,000.00	\$15,000	
MISC	Retaining Walls	1,000	SF	\$20.00	\$20,000	
	Culvert Replacement Under Rt103	1	LS	\$23,300.00	\$23,300	Contingent on easement rights
	Remove Existing Septic System	1	LS	\$2,500.00	\$2,500	
	Remove Existing Garage & Shed	1	LS	\$0.00	\$0	See Building Cost Estimate
	Remove Existing Fencing/Ret.Walls	1	LS	\$2,500.00	\$2,500	
	Well	1	LS	\$10,000.00	\$10,000	
	Holding Tank For Floor Drains	1	EA	\$5,000.00	\$5,000	
	<b>SUBTOTAL</b>				<b>\$599,108</b>	
	<i>10% Contingencies</i>				<b>\$59,911</b>	
	<b>SUBTOTAL</b>				<b>\$659,019</b>	
	<i>5% Engineering</i>				<b>\$32,951</b>	
	<b>TOTAL ESTIMATED COST</b>				<b>\$691,969</b>	