

# GPI Calculations

Greenman-Pedersen, Inc.

**Location** Andover, MA **Job Number** NEX-2400158.00  
**Title** Andover Street / River Street  
**Calculated By** RLB **Checked By** \_\_\_\_\_

Item Number	Total Quantity	Unit	Description	Unit Price	Total Cost
1.	0	AC	Clear & Grub	\$ 55,000.00	\$ -
2.	100	CY	Earth Work (Ledge not Included)	\$ 65.00	\$ 6,500.00
3.	60	SY	Full Depth Pavement	\$ 153.00	\$ 9,180.00
4.	1,500	SY	Pavement Milling	\$ 11.00	\$ 16,500.00
5.	1,500	SY	2" Overlay (Does not include full depth areas)	\$ 20.00	\$ 30,000.00
6.	490	LF	Vertical Granite Curb - Type VB (New)	\$ 66.00	\$ 32,340.00
7.	0	LF	Vertical Granite Curb (R&R)	\$ 45.00	\$ -
8.	0	LF	Sloped Granite Edging	\$ 59.00	\$ -
9.	250	LF	HOT MIX ASPHALT CURB TYPE 2	\$ 14.00	\$ 3,500.00
10.	1	LS	Drainage	\$ 20,000.00	\$ 20,000.00
11.	490	LF	5' HMA Sidewalk	\$ 54.00	\$ 26,460.00
12.	0	LF	5' Cem. Conc. Sidewalk	\$ 91.00	\$ -
13.	4	EA	Wheel Chair Ramps	\$ 2,400.00	\$ 9,600.00
14.	300	LF	Erosion Control	\$ 18.00	\$ 5,400.00
15.	210	SY	Loam & Seed	\$ 12.00	\$ 2,520.00
16.	0	LF	Guard Rail (\$28 for W Beam, \$36 for THRIE Beam)	\$ 36.00	\$ -
17.	0	SF	Reinforced Concrete Walls	\$ 150.00	\$ -
18.	0	SF	Bridge Structures	\$ 400.00	\$ -
19.	0	LS	Water Line (Trench Paving not included)	\$ 21,000.00	\$ -
20.	1	LS	Traffic Signal (New)	\$ 370,000.00	\$ 370,000.00
21.	1	LS	Permanent Pavement Markings	\$ 4,500.00	\$ 4,500.00
22.	1	LS	Signs (Regulatory w/ Breakaway Post)	\$ 3,500.00	\$ 3,500.00
23.	0	EA	Utility Poles (Relocate)	\$ 20,000.00	\$ -
24.	0	LS	RECTANGULAR RAPID-FLASH BEACON (SOLAR) (LOCATION NO. 1)	\$ 25,000.00	\$ -

<b>TOTAL</b>	<b>\$ 540,000.00</b>
Construction Contingency (20%) =	\$ 108,000.00
Mobilization (10%) =	\$ 54,000.00
Traffic Maintenance / Police Detail (15%) =	\$ 81,000.00
<b>Total</b>	<b>\$ 783,000.00</b>
Survey & Engineering (15%)	\$ 117,450.00
<b>Total</b>	<b>\$ 900,450.00</b>
<b>SAY</b>	<b>\$ 901,000.00</b>

