

## **PRELIMINARY DESIGN SUDBURY BFRT (CONCORD TOWNLINE TO ROUTE 117)**

The following is a “ballpark” estimate of the design funds necessary to complete the 25% design of the Sudbury BFRT from the Concord Townline to Route 117. The estimate assumes the project will be reviewed and approved by MassDOT.

### **Assumptions**

1. Survey and basemapping are complete and will be provided to the designer. No additional survey or mapping will be required.
2. Existing road layout and property lines (including trail property lines) are complete and accurate. Abutter information is current. Copies of right of way research are supplied. No further right of way research or field work is required.
3. Wetland delineation is complete, an Order of Resource Delineation was granted and no additional delineation will be required.
4. The trail will cross Route 117 and terminate.
5. Only work specifically detailed below is part of this design estimate.

### **Standard Scope of Service Tasks**

1. Project Need Form
2. Project Initiation Form
3. Kick-Off Meeting
4. Field Reconnaissance
5. Preliminary Right – of – Way Plans
6. Early Environmental Coordination Report
7. Water Quality Data Form
8. Categorical Exclusion (CE) Checklist
9. Traffic Technical Memorandum
10. Meeting with Town and MassDOT
11. 10% Public Meeting
12. 25% Design Plans
13. 25% Preliminary Construction Cost Estimate
14. Design Public Hearing
15. Respond to 25%/Public Hearing Comments
16. General Coordination
17. Expenses – Mileage, Reproduction ATRs for traffic counts, speeds and gaps - \$1,500

**Fee: \$53,020**

**Optional Scope of Service Tasks**

1. Parking Counts – It is assumed that counts will be conducted at four (4) lots for a two hour period at three peak times (weeknight, Saturday and Sunday)
2. Parking Analysis
3. Expenses – Mileage, Reproductions \$400

**Fee: \$5,680**

**Total Fee Standard and Optional Scope: \$58,700**

**TOWN OF SUDBURY**  
**PRELIMINARY DESIGN SUDBURY BFRM (CONCORD TOWNLINE TO ROUTE 117)**  
**PRICE PROPOSAL**

	PRINCIPAL IN CHARGE	PROJECT MANAGER	LEAD ENGINEER	PROJECT ENGINEER	SURVEYOR	DESIGNER/ TECHNICIAN	TOTAL HOURS	FEE PER TASK
<b>Project Tasks</b>	\$200.00	\$165.00	\$135.00	\$100.00	\$75.00	\$85.00		
<b>A. Standard Scope of Services</b>								
PNF		2	14				16	\$2,220.00
PIF		2	14				16	\$2,220.00
Kick-Off Meeting		4					4	\$660.00
Field Reconnaissance				8			8	\$800.00
Preliminary Right-of-Way Plans			12			32	44	\$4,340.00
Early Environmental Coordination Report		4	16				20	\$2,820.00
Water Quality Data Form				8			8	\$800.00
Categorical Exclusion (CE) Checklist			4				4	\$540.00
Traffic Technical Memorandum		2	8	8			18	\$2,210.00
Meeting with Town and MassDOT		4	4				8	\$1,200.00
10% Public Meeting		6	6			16	28	\$3,160.00
25% Design Plans		4	40	80		40	164	\$17,460.00
25% Preliminary Construction Cost Estimate		2	4	32		8	46	\$4,750.00
Design Public Hearing		6	6			16	28	\$3,160.00
Respond to 25% Public Hearing Comments		4	8	8			20	\$2,540.00
General Coordination		16					16	\$2,640.00
<b>TOTAL LABOR FEE - STANDARD CONTRACT</b>		52	108	144		112	416	<b>\$51,520.00</b>
<b>DIRECT EXPENSES</b>								
<i>(Mileage, Reproductions, ATRs for traffic counts, speeds and gaps)</i>								<b>\$1,500.00</b>
<b>TOTAL FEE (Standard Scope of Services)</b>								<b>\$53,020.00</b>
<b>B. Optional Services</b>								
Parking Counts						36	36	\$3,060.00
Parking Analysis		2	14				16	\$2,220.00
<b>TOTAL LABOR FEE - OPTIONAL SERVICES</b>		2	14	0	0	36	52	<b>\$5,280.00</b>
<b>DIRECT EXPENSES</b>								
<i>(Mileage, Reproductions)</i>								<b>\$400.00</b>
<b>TOTAL FEE (Optional Scope of Services)</b>								<b>\$5,680.00</b>
<b>TOTAL FEE (Standard and Optional Scope of Services)</b>		54	122	144	0	148	468	<b>\$58,700.00</b>