



**BNSF R70583 Milton Grade Separation
Design Review Services Estimate**

		Labor								Task Hours	Task Fee
	Rate	Senior Structural Engineer	Structural Engineer	IC-1 Office	RE / PM	Senior H&H Engineer	Junior H&H Engineer				
		\$ 209.80	\$ 152.88	\$ 105.00	\$ 204.00	\$ 200.00	\$ 103.00				
Design Review Services											
Coordination Meetings, Project Coordination¹											
		16	16		32					64	\$12,331
Plan Reviews²											
Structural Plan Review											
concept		10	20							30	\$5,156
30%		10	20							30	\$5,156
60%		16	40							56	\$9,472
Final		10	25							35	\$5,920
Site Visit		16								16	\$3,357
Track & Civil Plan Review											
concept				10	6					16	\$2,274
30%				14	8					22	\$3,102
60%				42	24					66	\$9,306
Final				18	10					28	\$3,930
Site Visit					8					8	\$1,632
Drainage Plan Review											
concept						4	6			10	\$1,418
30%						4	6			10	\$1,418
60%						12	30			42	\$5,490
Final						6	15			21	\$2,745
	Hours Subtotal	16	121	84	88	26	57	0	0	0	454
	Labor Cost Subtotal	\$16,364	\$18,498	\$8,820	\$17,952	\$5,200	\$5,871	\$0	\$0	\$0	\$72,706

Field Direct Expenses				
Description	Quantity	Unit of Measure	Rate	Total
Car	4	day	\$50.00	\$200
Flight	2	each	\$500.00	\$1,000
Hotels	4	each	\$120.00	\$480
Meals	6	day	\$35.00	\$210
Total Direct Expenses				\$1,890
Total Fee for Design Review Services				\$74,595

Notes and Assumptions:

1. Assume 4 hours per meeting/submittal, 8 hours for project coordination, two on-site meetings
2. Assume one submittal review per plan stage