

<b>Classification</b>	<b>Senior Engineer</b>	<b>Engineer</b>	<b>Field Technician</b>	<b>Engineering Intern</b>	<b>Administrative Assistant</b>
<b>Base Pay</b>	\$ 80	\$ 40	\$ 30	\$ 18	\$ 20
<b>Real Cost</b>	\$ 125	\$ 65	\$ 50	\$ 20	\$ 35
<b>Billing Rate</b>	\$ 140	\$ 70	\$ 55	\$ 20	\$ 35
<b>Tasks</b>	<b>Total Days</b>				
<b>Data Collection</b>					
Site Evaluation	0	0	2	1	0
Topographic Survey	0	0	1	1	0
<b>Roadway Design Guidelines</b>					
Research Guidelines	0	1	0	2	1
<b>Data Analysis</b>					
Survey Data	0	1	0	0	0
Traffic Statistics	0	1	0	2	0
Level of Service (LOS)	0	1	0	2	0
<b>Site Design</b>					
<b>Roundabout</b>					
Geometry	4	5	0	3	0
Grading	2	3	0	2	0
Striping		2	0	0	0
Signage		2	0	0	0
<b>Site Development</b>					
Drainage	5	5	0	2	0
Landscaping		2	0	2	0
Pedestrian Considerations	1	3	0	2	0
<b>Economics</b>					
Construction Pricing	1	3	0	1	0
Benefits	0	0.5	0	1	0.5
Impacts	0	0.5	0	1	0.5
<b>Project Management</b>					
Project Schedule	0.5	1	0	1.5	2
50% Design Report	1	0	0	0	1
Final Design Report and Presentation	1	0	0	0	1
Website	1	0	0	2	7
Team Meetings	1	1	1	1	1
TA Meetings	0.5	0.5	0.5	0.5	0.5
Total Days	18	32.5	4.5	27	14.5
Total Hours	144	260	36	216	116
Total Billing Rate	\$ 20,160	\$ 18,200	\$ 1,980	\$ 4,320	\$ 4,060
<b>Equipment fees</b>					
	Price per Hour	Hours	Total		
Survey Equipment	150	8	1200		
Total Cost			1200		
<b>Total cost of Project</b>	<b>\$ 49,920</b>				

Projected Hours

<b>Tasks</b>					
<b>Data Collection</b>					
Site Evaluation	0	0	16	8	0
Topographic Survey	0	0	8	8	0
<b>Roadway Design Guidelines</b>					
Research Guidelines	0	8	0	16	8
<b>Data Analysis</b>					
Survey Data	0	8	0	0	0
Traffic Statistics	0	8	0	16	0
Level of Service (LOS)	0	8	0	16	0
<b>Site Design</b>					
<b>Roundabout</b>					
Geometry	32	40	0	24	0
Grading	16	24	0	16	0
Striping	0	16	0	0	0
Signage	0	16	0	0	0
<b>Site Development</b>					
Drainage	40	40	0	16	0
Landscaping	0	16	0	16	0
Pedestrian Considerations	8	24	0	16	0
<b>Economics</b>					
Construction Pricing	8	24	0	8	0
Benefits	0	4	0	8	4
Impacts	0	4	0	8	4
<b>Project Management</b>					
Project Schedule	4	8	0	12	16
50% Design Report	8	0	0	0	8
Final Design Report and Presentation	8	0	0	0	8
Website	8	0	0	16	56
Team Meetings	8	8	8	8	8
TA Meetings	4	4	4	4	4
Total Hours	144	260	36	216	116
Total Billing Rate	\$ 20,160	\$ 18,200	\$ 1,980	\$ 4,320	\$ 4,060
<b>Equipment fees</b>					
	Price per Hour	Hours	Total		
Survey Equipment	150	8	1200		
Totla Cost			1200		
<b>Total cost of Project</b>	<b>\$ 1,972</b>				

Actual Hours

<b>Tasks</b>					
<b>Data Collection</b>					
Site Evaluation	0	0	1	1	0
Topographic Survey	0	0	2	2	0
<b>Roadway Design Guidelines</b>					
Research Guidelines	0	1	0	3	1
<b>Data Analysis</b>					
Survey Data	0	1	0	0	0
Traffic Statistics	0	1	0	1	0
Level of Service (LOS)	0	0	0	1	0
<b>Site Design</b>					
<u>Roundabout</u>					
Geometry	2	5	0	1	0
Grading	0	0	0	0	0
Striping	0	0	0	0	0
Signage	0	0	0	0	0
<u>Site Development</u>					
Drainage	0	0	0	0	0
Landscaping	0	0	0	0	0
Pedestrian Considerations	0	0	0	0	0
<b>Economics</b>					
Construction Pricing	0	0	0	0	0
Benefits	0	0	0	0	0
Impacts	0	0	0	0	0
<b>Project Management</b>					
Project Schedule	0	0	0	0	0
50% Design Report	0	0	0	0	0
Final Design Report and Presentation	0	0	0	0	0
Website	0	0	0	0	0
Team Meetings	1	1	1	1	0
TA Meetings	0.5	0.5	0.5	0.5	0
Total Hours	3.5	9.5	4.5	10.5	1
Total Billing Rate	\$ 490	\$ 665	\$ 248	\$ 210	\$ 35
<b>Equipment fees</b>					
	Price per Hour	Hours	Total		
Survey Equipment	150	8	1200		
Totla Cost			1200		
<b>Total cost of Project</b>	<b>\$ 1,229</b>				