Base Pay S 80 \$ 40 \$ 30 \$ 18 \$ 20 \$ 35 \$ 18 \$ 35 \$ 18 \$ 5 \$ 35 \$ 18 \$ 5 \$ 35 \$ 18 \$ 5 \$ 35 \$ 18 \$ 5 \$ 35 \$ 18 \$ 5 \$ 35 \$ 18 \$ 5 \$ 35	Classification	Senior Engineer	Engineer	Field Technician	Engineering Intern	Administrative Assistant
Billing Rate	Base Pay		_			\$ 20
Tasks	Real Cost	\$ 125	\$ 65	\$ 50	\$ 20	\$ 35
Data Collection	Billing Rate	\$ 140	\$ 70	\$ 55	\$ 20	\$ 35
Site Evaluation				Total	Days	
Topographic Survey	Data Collection					
Research Guidelines	Site Evaluation	0	0	2	1	0
Research Guidelines	Topographic Survey	0	0	1	1	0
Data Analysis Survey Data	Roadway Design Guid	elines				
Survey Data	Research Guidelines	0	1	0	2	1
Traffic Statistics 0 1 0 2 0 Site Design Roundabout Geometry 4 5 0 3 0 Grading 2 3 0 2 0 Striping 2 0 0 0 0 Signage 2 0 0 0 0 Signage 5 5 0 2 0 0 Drainage 5 5 0 2 0 <td>Data Analysis</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Data Analysis					
Traffic Statistics 0 1 0 2 0 Site Design Roundabout Geometry 4 5 0 3 0 Grading 2 3 0 2 0 Striping 2 0 0 0 0 Signage 2 0 0 0 0 Signage 5 5 0 2 0 0 Drainage 5 5 0 2 0 <td>Survey Data</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td>	Survey Data	0	1	0	0	0
Site Design Roundabout Geometry		0	1	0	2	0
Roundabout Geometry	Level of Service (LOS)	0	1	0	2	0
Geometry	Site Design					
Grading 2 3 0 2 0 Striping 2 0 0 0 Signage 2 0 0 0 Site Development Drainage 5 5 0 2 0 Drainage 5 5 0 2 0 Landscaping 2 0 2 0 Pedestrian 1 3 0 2 0 Constituctions 1 3 0 1 0 Economics 0 0.5 0 1 0 Economics 0 0.5 0 1 0.5 Benefits 0 0.5 0 1 0.5 Impacts 0 0.5 0 1 0.5 Project Management 1 0 0 1 5 2 Project Schedule 0.5 1 0 0 1 2 So%	Roundabout					
Striping	Geometry	4	5	0	3	0
Signage 2 0 0 0 Site Development 1 0 2 0 Drainage 5 5 0 2 0 Landscaping 2 0 2 0 Pedestrian 1 3 0 2 0 Considerations 0 0 1 0 Economics 0 0.5 0 1 0 Benefits 0 0.5 0 1 0.5 Impacts 0 0.5 0 1 0.5 Project Management 1 0 0 1 0.5 Project Schedule 0.5 1 0 1.5 2 50% Design Report 1 0 0 0 1 Final Design Report 1 0 0 0 1 Website 1 0 0 2 7 Team Meetings 1 1 <td< td=""><td>Grading</td><td>2</td><td>3</td><td>0</td><td>2</td><td>0</td></td<>	Grading	2	3	0	2	0
Prainage S S S O C C O C O C O C O C O O	Striping		2	0	0	0
Drainage 5 5 0 2 0 Landscaping 2 0 2 0 Pedestrian 1 3 0 2 0 Considerations 0 0 2 0 Economics Construction Pricing 1 3 0 1 0 Benefits 0 0.5 0 1 0.5 Impacts 0 0.5 0 1 0.5 Project Management 1 0 0 1 0.5 Project Schedule 0.5 1 0 0 1.5 2 50% Design Report 1 0 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	Signage		2	0	0	0
Landscaping 2						
Pedestrian Considerations Considerations Considerations Construction Pricing Construction Co		5	5	0	2	0
Considerations Construction Pricing 1			2	0	2	0
Construction Pricing		1	3	0	2	0
Construction Pricing 1 3 0 1 0 Benefits 0 0.5 0 1 0.5 Impacts 0 0.5 0 1 0.5 Project Management Project Schedule 0.5 1 0 1.5 2 50% Design Report 1 0 0 0 0 1 Final Design Report and Presentation 1 0 0 0 0 1 1 Website 1 0 0 0 2 7 7 1 <td></td> <td>1</td> <td></td> <td>0</td> <td></td> <td></td>		1		0		
Benefits	Economics					
Impacts 0 0.5 0 1 0.5		1		0	1	
Project Management 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 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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200		0		0	1	
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 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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200		0	0.5	0	1	0.5
50% Design Report 1 0 0 0 1 Final Design Report and Presentation 1 0 0 0 0 1 Website 1 0 0 2 7 Team Meetings 1 1 1 1 1 1 TA Meetings 0.5						
Final Design Report and Presentation 1 0 0 0 1 Website 1 0 0 2 7 Team Meetings 1 1 1 1 1 1 TA Meetings 0.5		0.5	1	0	1.5	2
and Presentation 1 0 0 2 7 Website 1 0 0 2 7 Team Meetings 1		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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200		1	0	0	0	1
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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200		1	O	· ·	Ŭ	1
TA Meetings 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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200		1	0	0	2	7
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 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200	_	1	1	1	1	
Total Hours 144 260 36 216 116 Total Billing Rate \$ 20,160 \$ 18,200 \$ 1,980 \$ 4,320 \$ 4,060 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200						
Total Billing Rate \$ 20,160 \$ 18,200 \$ 1,980 \$ 4,320 \$ 4,060 Equipment fees Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200						
Equipment feesPrice per Hour Hours TotalSurvey Equipment15081200Totla Cost1200						
Price per Hour Hours Total Survey Equipment 150 8 1200 Totla Cost 1200		\$ 20,160	\$ 18,200	\$ 1,980	\$ 4,320	\$ 4,060
Survey Equipment 150 8 1200 Totla Cost 1200	Equipment fees					
Totla Cost 1200						
		150	8			
				1200		

Total cost of Project \$ 49,920

Projected Hours

Tasks		- J - ·	tea mours							
Data Collection										
Site Evaluation		0	0		16		8	8		
Topographic Survey		0	0		8			8		
Roadway Design Guidelines	<u> </u>	0	0		0	0			0	
Research Guidelines		0	8	0		16		8		
Data Analysis		0	0	0		0		0		
Survey Data		0	8		0		0		0	
Traffic Statistics		0	8	0			16		0	
Level of Service (LOS)		0	8	0		16			0	
Site Design	_	0	0	0			0	0		
Roundabout		0	0		0		0		0	
Geometry		32	40		0		24		0	
Grading		16	24		0		16		0	
Striping		0	16		0		0	0		
Signage		0	16		0		0		0	
Site Development		0	0		0		0		0	
Drainage		40	40		0		16		0	
Landscaping		0	16		0		16		0	
		8	24		0		16		0	
Pedestrian Considerations		8	24		0		16		0	
Economics		0	0		0		0		0	
Construction Pricing		8	24		0		8		0	
Benefits		0	4		0		8		4	
Impacts		0	4		0		8		4	
Project Management		0	0		0		0		0	
Project Schedule		4	8		0		12		16	
50% Design Report		8	0		0		0		8	
Final Design Report and		8	0		0		0		0	
Presentation		8	0		0		U		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	1,980	\$	4,320	\$	4,060	
Equipment fees										
	Price p	er Hour	Hours		Total					
Survey Equipment		150	8		1200				·	
Totla Cost					1200					

Total cost of Project \$ 1,972

Actual Hours

		Actua	1 110	urs			
Tasks							
Data Collection							
Site Evaluation		0		0	1	1	0
Topographic Survey		0		0	2	2	0
Roadway Design Guidelines							
Research Guidelines		0		1	0	3	1
Data Analysis							
Survey Data		0		1	0	0	0
Traffic Statistics		0		1	0	1	0
Level of Service (LOS)		0		0	0	1	0
Site Design							
Roundabout							
Geometry		2		5	0	1	0
Grading		0		0	0	0	0
Striping		0		0	0	0	0
Signage		0		0	0	0	0
Site Development							
Drainage		0		0	0	0	0
Landscaping		0		0	0	0	0
		0		0	0	0	0
Pedestrian Considerations		U		U	U	U	0
Economics							
Construction Pricing		0		0	0	0	0
Benefits		0		0	0	0	0
Impacts		0		0	0	0	0
Project Management							
Project Schedule		0		0	0	0	0
50% Design Report		0		0	0	0	0
Final Design Report and		0		0	0	0	0
Presentation		U		U	U	U	U
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
Equipment fees							
	Price p	er Hour		Hours	Total	-	
Survey Equipment		150		8	1200		
Totla Cost					1200		
Total cost of Project	¢	1 220					

Total cost of Project