

Exhibit C1
CR 317 at Wilson Creek - Fee Estimate

Design Survey	Total
Design Survey	\$8,500.00
ROW Exhibits 4 @ \$1,400 (if needed)	\$5,600.00
Total	\$14,100.00

Geotechnical Investigation	Total
Geotech (including Traffic Control)	\$7,500.00
Total	\$7,500.00

Preliminary Design	Principal	Sr PM	PM	Sr Proj. Eng.	Proj. Eng.	Sr. Tech	Tech	Clerical	Total
Floodplain Analysis									
Site Visit/Data Collection					8				8
Drainage Area Map					4		4		8
Develop HEC-RAS Model of Pre-Project Conditions		4			16				20
Develop HEC-RAS Model of Post-Project Conditions		2			8				10
Analysis of New Bridge		6			6				12
Summary Report		1			6				7
QA/QC		4							4
Preliminary Plans									
Site Visit/Verify Survey Work		4							4
Establish Project Centerline		2					2		4
Survey Control Plan		1					2		3
Horizontal Alignment Layout		1					6		7
Typical Roadway Section		1					2		3
Bridge Layout (Section, Plan, Elevation)		22					36		58
Bridge Details		4					4		8
Bridge Sheet Pile and/or Slope Protection		8					8		16
Utility Coordination		1			1		1		3
Site Visit to Confirm design		4							4
Cover							2		2
General Notes		4					4		8
Drilling Logs		1					1		2
Standard Drawings		1					8		9
Consultation with Contractors/Value Engineering		2							2
Quantities		8			10		8		26
Construction Cost Estimate		6							6
QA/QC	2	4							6
Printing & Coordinating Preliminary Plan Submittal		2					4	1	7
Project Management		2							2
Meeting with County		4							4
Sub-Total Hours	2	99	0	0	59	0	92	1	253
Rate	\$200.00	\$180.00	\$160.00	\$140.00	\$135.00	\$110.00	\$95.00	\$75.00	\$35,000.00
Sub-Total Manhour Cost	\$400.00	\$17,820.00	\$0.00	\$0.00	\$7,965.00	\$0.00	\$8,740.00	\$75.00	\$35,000.00

Final Design	Principal	Sr PM	PM	Sr Proj. Eng.	Proj. Eng.	Sr. Tech	Tech	Clerical	Total
Plan Revisions		4		1			16		21
Storm Water Pollution Prevention Plan					2		4		6
Erosion Control Plan					2		6		8
Traffic Control Plan		1		4			6		11
Miscellaneous Details		2		2			8		12
Update Quantities		1			2		4		7
Construction Cost Estimate		2							2
QA/QC	1	2							3
Bid Documents & Specifications		4			4		4	14	26
Printing & Coordinating Final Plan Submittal		2					6	4	12
Meeting with County		4							4
Incorporate Review Comments		2					8	2	12
QA/QC	1	1						2	4
Printing & Coordinating Bid Submittal		2					6	4	12
Sub-Total Hours	2	27	0	7	10	0	68	26	140
Rate	\$200.00	\$180.00	\$160.00	\$140.00	\$135.00	\$110.00	\$95.00	\$75.00	
Sub-Total Manhour Cost	\$400.00	\$4,860.00	\$0.00	\$980.00	\$1,350.00	\$0.00	\$6,460.00	\$1,950.00	\$16,000.00

Bid Phase	Principal	Sr PM	PM	Sr Proj. Eng.	Proj. Eng.	Sr. Tech	Tech	Clerical	Total
Coordinate and Distribute Bid Documents and Plans		1					2	8	11
Pre-Bid Meeting		3						1	4
Contractor Questions/RFIs		1		2					3
Addendums		2						4	6
Evaluate Bids		2							2
Contractor Recommendation		2						1	3
Sub-Total Hours	0	11	0	2	0	0	2	14	29
Rate	\$200.00	\$180.00	\$160.00	\$140.00	\$135.00	\$110.00	\$95.00	\$75.00	
Sub-Total Manhour Cost	\$0.00	\$1,980.00	\$0.00	\$280.00	\$0.00	\$0.00	\$190.00	\$1,050.00	\$3,500.00

Construction Phase	Principal	Sr PM	PM	Sr Proj. Eng.	Proj. Eng.	Sr. Tech	Tech	Clerical	Total
Pre-Construction Meeting		4							4
Respond to RFIs		2					2		4
Review Shop Drawings		10							10
Site Visits/Inspections		20							20
Change Order Assistance		1						2	3
As-Built Preparation				1			3		4
As-Built Submittal								1	1
Sub-Total Hours	0	37	0	1	0	0	5	3	46
Rate	\$200.00	\$180.00	\$160.00	\$140.00	\$135.00	\$110.00	\$95.00	\$75.00	
Sub-Total Manhour Cost	\$0.00	\$6,660.00	\$0.00	\$140.00	\$0.00	\$0.00	\$475.00	\$225.00	\$7,500.00

Expenses									Total
Prints, Plots, Deliveries, Mileage, & Secure FEMA/Contour Data									\$3,000.00
Sub-Total Expenses									\$3,000.00

Total
Total (Excluding Survey & Geotech)

\$86,600.00
\$65,000.00