

**SUMMARY**  
**CH2M HILL, INC.**  
**Collin County Outer Loop Segment 3: DNT to East of SH 289**

<i>Collin County Outer Loop Segment 3 DNT to SH 289</i>	
<b>Total CH2M HILL Fee</b>	<b>\$222,979</b>
<b>Total Brown &amp; Gay Fee</b>	<b>\$37,006</b>
<b>Total Lamb Star Fee</b>	<b>\$115,998</b>
<b>Total CH2M HILL Team Fee</b>	<b>\$375,983</b>



<i>Collin County Outer Loop DNT to SH 289</i>	Project Manager	Senior Engineer	Project Engineer	EIT	Senior Designer	Clerical	Totals
<b>Rate</b>	<b>\$195.18</b>	<b>\$170.39</b>	<b>\$133.21</b>	<b>\$93.56</b>	<b>\$132.53</b>	<b>\$70.88</b>	
<b>Task 4 -Project Management/Project Administration</b>							
Schedule, Progress Reports, and Invoices	40					60	100
Progress Meetings (6)	18	12	8			6	44
Miscellaneous Coordination Meetings (12)	36	18	24			24	102
Quality Assurance/Quality Control	24	60				16	100
<b>Task 4 Totals</b>	<b>118</b>	<b>90</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>106</b>	<b>346</b>
<b>Total Hours</b>	<b>168</b>	<b>308</b>	<b>226</b>	<b>472</b>	<b>272</b>	<b>130</b>	<b>1,576</b>
<b>Total Labor Costs</b>	<b>\$32,790</b>	<b>\$52,480</b>	<b>\$30,105</b>	<b>\$44,160</b>	<b>\$36,048</b>	<b>\$9,214</b>	<b>\$204,799</b>
<b>Reimbursable Direct Expenses</b>							
				<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Total</b>
8.5" x 11" Copies				EA	500	\$0.10	\$50
11" x 17" Copies				EA	200	\$0.15	\$30
Mileage				MILE	1,000	\$0.55	\$550
Bond Plots				SF	500	\$1.50	\$750
Color Plots				SF	500	\$3.00	\$1,500
<b>Total Reimbursable Direct Expenses</b>							<b>\$2,880</b>
<b>Total Markup on Subconsultants (10%)</b>							<b>\$15,300</b>
<b>Total CH2M HILL FEE</b>							<b>\$222,979</b>

**FEE PROPOSAL**  
**Brown & Gay Engineers**  
**Collin County Outer Loop Segment 3: DNT to East of SH 289**

<i>Collin County Outer Loop DNT to E. of SH 289</i>	Project Manager	Senior Engineer	Project Engineer	EIT	Senior Designer	Clerical	Totals
<b>Rate</b>	<b>\$190.00</b>	<b>\$160.00</b>	<b>\$120.00</b>	<b>\$105.00</b>	<b>\$130.00</b>	<b>\$60.00</b>	
<b>Task 2 - Hydrologic and Hydraulic Investigation</b>							
Drainage Area Mapping	2	2	8	32	8		52
Calculate Discharges	2	8	72	40			122
Determine Approx. Cross Drainage Structure Sizes	2	8	64	40	16		130
						10	10
							0
<b>Task 2 Totals</b>	<b>6</b>	<b>18</b>	<b>144</b>	<b>112</b>	<b>24</b>	<b>10</b>	<b>314</b>
<b>Total Hours</b>	<b>6</b>	<b>18</b>	<b>144</b>	<b>112</b>	<b>24</b>	<b>10</b>	<b>314</b>
<b>Total Labor Costs</b>	<b>\$1,140</b>	<b>\$2,880</b>	<b>\$17,280</b>	<b>\$11,760</b>	<b>\$3,120</b>	<b>\$600</b>	<b>\$36,780</b>
<b>Reimbursable Direct Expenses</b>							
				<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Total</b>
8.5" x 11" Copies				EA	50	\$0.10	\$5
11" x 17" Copies				EA	100	\$0.15	\$15
Mileage				MILE	200	\$0.55	\$110
Bond Plots				SF	24	\$1.50	\$36
Color Plots				SF	20	\$3.00	\$60
<b>Total Reimbursable Direct Expenses</b>							<b>\$226</b>
<b>Total Brown &amp; Gay Fee</b>							<b>\$37,006</b>

**EXHIBIT NUMBER**  
**Fee Estimate for**  
**CH2M Hill**  
**Collin County Outer Loop DNT to 0.75 Miles east of Preston Road**  
**Lamb-Star Standard 2012-2013 Rates**

<b>LAMB-STAR ENGINEERING, L.P.</b>											
<b>LABOR</b>	<b>RPLS P.M.</b>	<b>RPLS Task Leader</b>	<b>SR. SURVEY TECH</b>	<b>SURVEY TECH</b>	<b>ABTRACTOR</b>	<b>1-MAN W/GPS</b>	<b>2-MAN W/GPS</b>	<b>3-MAN W/GPS</b>	<b>ADMIN</b>	<b>AERIAL MAPPING</b>	<b>TOTAL MAN HOURS</b>
<b>1. Establish Horizontal and Vertical control</b>	3	18	36	8		16	56	10			<b>147</b>
<b>2. Cross sections of roadways</b>	2	10	24	4		16	70	8			<b>134</b>
<b>3. Topo cross culverts</b>	2	10	20	4		8	30	8			<b>82</b>
<b>4. Topo SS, WW and other utility features</b>	2	8	12	4		8	30	8			<b>72</b>
<b>5. ROE Permits</b>	1	10	16	36					28		<b>91</b>
<b>6. Prepare topographic map</b>	2	8	48	8							<b>66</b>
<b>7. Determine boundary and ROW lines</b>	4	40	48	16	40	12	32	12			<b>204</b>
<b>8. Topo supplement for Aerial Mapping</b>	2	16	32	8		12	48			1	<b>119</b>
											<b>0</b>
<b>TOTAL HOURS</b>	<b>18</b>	<b>120</b>	<b>236</b>	<b>88</b>	<b>40</b>	<b>72</b>	<b>266</b>	<b>46</b>	<b>28</b>	<b>1</b>	<b>915</b>
<b>AVG. HOURLY RATE</b>	<b>\$ 136.00</b>	<b>\$ 130.00</b>	<b>\$ 95.00</b>	<b>\$ 85.00</b>	<b>\$ 60.00</b>	<b>\$ 90.00</b>	<b>\$ 115.00</b>	<b>\$ 150.00</b>	<b>\$ 60.00</b>	<b>\$20,000.00</b>	
<b>TOTAL LABOR</b>	<b>\$ 2,448.00</b>	<b>\$ 15,600.00</b>	<b>\$ 22,420.00</b>	<b>\$ 7,480.00</b>	<b>\$ 2,400.00</b>	<b>\$ 6,480.00</b>	<b>\$ 30,590.00</b>	<b>\$ 6,900.00</b>	<b>\$ 1,680.00</b>	<b>\$20,000.00</b>	<b>\$ 115,998.00</b>