

Example Manday Estimate for Stream Mitigation

R-2518A On-Site Mitigation Estimate

PROJECT DESCRIPTION: R-2518A On-site Mitigation Plan and Design						TIP NUMBER: R-2518WM						REVIEWED BY UNIT HEAD ON:						DATE PREPARED: August 9, 2004								
PREPARED BY:						PROJECT NUMBER: 6.869006T (WBS #: 34445.3.1)						REVIEWED BY ASSISTANT BRANCH MANAGER ON:						SPREADSHEET REVISION DATE:								
TASK NO.	TASK DESCRIPTION	BRANCH MAN. (TD-1)	ASSIST. BRANCH MAN. (TM-1)	UNIT HEAD (TES-3)	PROJ. ENG. (TE-2)	DRAFT & REPO. TECH. (TT-2)	COMM. PLNR 2 (CP-2)	ENV. SPRV/ ENG. (ES-3)	ENV. SPEC. (ES-2)	ARCH. & HISTORIC SPVR. (ARCH-2) (HPRS-2)	ARCH. & HISTORIC SPEC. (ARCH-2)	TRANS. ENG. SPVR. (TE-3)	TRANS. ENG. (TE-1)	ENV. TECH 3 (TT-3)	WORD. PROC. SPVR. (WP-2)	DESIGN BRANCH UNIT HEAD (TD-1)	DESIGN BRANCH ASSIST UNIT HEAD (TM-1)	DESIGN BRANCH PROJ ENG. (TES-3)	DESIGN BRANCH ENG. (TES-2)	DESIGN BRANCH ENG. (TES-1)	DESIGN BRANCH ENG. (TE-1)	DESIGN BRANCH TECH 4 (TT-4)	DESIGN BRANCH TECH 3 (TT-3)	DESIGN BRANCH TECH 1 (TT-1)	SUB-TOTAL	PEF ESTIMATE
1	Project Administration																									
	Project Management							2.00									1.00	1.00	3.00							7.00
	Coordination							3.00											3.00							6.00
	Meetings							3.00											3.00							6.00
	Quality Assurance/Quality Control							2.00									1.00	4.00	2.00							9.00
	Travel							3.00											3.00							6.00
2	Stream Assessment																									
	Site Investigation							5.00											5.00					5.00		15.00
	DTM & Survey Processing							0.00										1.50				2.50				4.00
	Morphological Analysis and Classification							2.00											2.00				0.00			4.00
	Documentation							2.50											1.00				0.50			4.00
	Travel							1.25											1.25				1.25			3.75
3	Reference Reach Survey																									
	Morphological Survey (3)							3.00											3.00				3.00			9.00
	Gauge and Scour Chain Installation																		0.50				0.50			1.00
	Bar Samples and Sieve Analysis																		1.00							2.00
	Evaluate Data							3.00											3.00				1.00			7.00
	Documentation							1.00											1.00				0.50			2.50
	Travel							1.25												1.25			1.25			3.75
4	Stream Design																									
	Middle Fork (Lower)							1.25											2.50							3.75
	UT 1&2 to Middle Fork							1.25											2.50							3.75
	Middle Fork (Upper)							1.00											2.00							3.00
	Turkey Branch							0.25											0.50							0.75
	Holland Creek							0.25											0.50							0.75
	Ivy Gap Branch							2.00											4.00							6.00
5	Site Layout																									
	Site 1 (Station 20+00 to 21+00 Right/Left)							0.50											2.00				1.00			3.50
	Site 2 (Station 27+00 Right)							0.25											0.50				0.50			1.25
	Site 3 (Station 31+75 Left)							0.25											0.50				0.50			1.25
	Site 4 (Station 34+00 to 35+00 Left; 35+50 to 37+80 Left; 37+80 to 38+40 Left)							0.50											2.00				1.00			3.50
	Site 6 (station 47+20 Right)							0.25											0.50				0.50			1.25
	Site 8 (Station 52+00 to 54+00 Left)							0.50											1.00				0.50			2.00
	Site 9 (Station 56+20 to 57+70 Right)							0.50											1.00				0.50			2.00
	Site 11 (Station 81+80 Left)							0.50											1.00				0.50			2.00
	Site 12 (Station 82+20 Right; 83+00 to 84+00 Left)							0.50											1.00				0.50			2.00
	Site 13 (Station 85+20 to 91+20 Left)							0.50											2.00				0.50			3.00
	Site 14 (Station 88+40 Right)							0.25											0.50				0.50			1.25
	Box Culvert-Cross Vane Design (Station45+00, Station 77+50)							0.50											1.00				0.50			2.00
6	Draft Stream Mitigation Plan																									
	Agency Packet							1.50											0.50				1.00			3.00
	Narrative							4.00											2.00				3.00			9.00
7	Construction Plans																									
	Title Sheet																		0.25				0.75			1.00
	Detail Sheets (3)																		0.50				3.00			3.50
	Plan Sheets (13)																		11.00				18.00			29.00
	Profile Sheets (8)																		4.00				8.00			12.00
	Cross Sections Sheets (15)																		7.50				15.00			22.50
	Planting Plan																		1.00				2.00			3.00
8	Final Stream Mitigation Plan																									
	Address Comments							3.00											1.00				2.00			6.00
	Report Reproduction																						0.50			0.50
9	Construction Administration																									
	Construction Administration																								17.00	17.00
	Travel																								7.00	7.00
	TOTAL WORKDAYS/CATEGORY:	0.00	0.00	0.00	0.00	0.00	0.00	51.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	5.00	111.25	0.00	0.00	76.75	0.00	0.00	246.50	0.00
	RATES PER DAY:	\$346.24	\$300.56	\$268.88	\$243.36	\$133.68	\$189.28	\$239.72	\$174.40	\$204.88	\$175.12	\$243.36	\$195.68	\$149.76	\$123.84	\$323.40	\$300.56	\$268.88	\$246.40	\$222.12	\$195.68	\$165.92	\$149.76	\$118.96		
	PAYROLL BURDEN:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,345.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$601.12	\$1,344.40	\$27,412.00	\$0.00	\$0.00	\$12,734.36	\$0.00	\$0.00		
	TOTAL WORKDAYS:	246.50																								
	TOTAL PAYROLL BURDEN:	\$54,437.46																								
	AVERAGE COST PER HOUR:	\$27.61																								
	GENERAL OVERHEAD @ 162 %:	\$88,188.69																								
	SUBTOTAL:	\$142,626.15																								
	COMPARATIVE FEE @ 9%:	\$12,836.35																								
	TOTAL:	\$155,462.50																								
	DIRECT EXPENSES:	\$5,300.00																								
	SUBCONSULTANT FEES:	\$0.00																								
	GRAND TOTAL:	\$160,762.50																								

Example Manday Estimate for Stream Mitigation DIRECT EXPENSES

PROJECT DESCRIPTION: R-2518A On-site Mitigation Plan and Design

PREPARED BY:

TIP NUMBER: R-2518WM

PROJECT NUMBER: 6.869006T (WBS: 34445.3.1)

DATE PREPARED: August 9, 2004

REVIEWED BY UNIT HEAD ON:

	Travel: <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">Sedan</td> <td style="padding-left: 20px;">15 Trip(s) @</td> <td style="padding-left: 20px;">400 miles @</td> <td style="text-align: right;">\$0.35</td> <td style="text-align: right;">\$2,100.00</td> </tr> <tr> <td style="padding-left: 40px;">Carry All</td> <td style="padding-left: 20px;">0 Trip(s) @</td> <td style="padding-left: 20px;">0 miles @</td> <td style="text-align: right;">\$0.37</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="padding-left: 40px;">Car Rental</td> <td></td> <td style="padding-left: 20px;">0 days @</td> <td style="text-align: right;">\$45.00</td> <td style="text-align: right;">\$0.00</td> </tr> </table>	Sedan	15 Trip(s) @	400 miles @	\$0.35	\$2,100.00	Carry All	0 Trip(s) @	0 miles @	\$0.37	\$0.00	Car Rental		0 days @	\$45.00	\$0.00																		
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	Parking: 0 Trip(s) @ <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">Per Diem:</td> <td style="padding-left: 20px;">30 Breakfast</td> <td></td> <td style="text-align: right;">\$3.00</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">30 Lunch</td> <td></td> <td style="text-align: right;">\$6.50</td> <td style="text-align: right;">\$195.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">30 Dinner</td> <td></td> <td style="text-align: right;">\$8.50</td> <td style="text-align: right;">\$255.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">30 Lodging</td> <td></td> <td style="text-align: right;">\$14.50</td> <td style="text-align: right;">\$435.00</td> </tr> </table>	Per Diem:	30 Breakfast		\$3.00	\$0.00		30 Lunch		\$6.50	\$195.00		30 Dinner		\$8.50	\$255.00		30 Lodging		\$14.50	\$435.00													
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	Reproduction: <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">500 8 1/2 x 11 Copy(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.04</td> <td style="text-align: right;">\$20.00</td> </tr> <tr> <td style="padding-left: 40px;">100 11 x 17 Copy (s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.10</td> <td style="text-align: right;">\$10.00</td> </tr> <tr> <td style="padding-left: 40px;">0 Cover(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.50</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="padding-left: 40px;">0 Binder(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.50</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="padding-left: 40px;">0 Color Copy(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.83</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="padding-left: 40px;">0 Blueline(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$0.35</td> <td style="text-align: right;">\$0.00</td> </tr> </table>	500 8 1/2 x 11 Copy(s) @			\$0.04	\$20.00	100 11 x 17 Copy (s) @			\$0.10	\$10.00	0 Cover(s) @			\$0.50	\$0.00	0 Binder(s) @			\$0.50	\$0.00	0 Color Copy(s) @			\$0.83	\$0.00	0 Blueline(s) @			\$0.35	\$0.00			
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	Film and Developing: <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">0 Roll(s) @</td> <td></td> <td></td> <td style="text-align: right;">\$20.00</td> <td style="text-align: right;">\$0.00</td> </tr> </table>	0 Roll(s) @			\$20.00	\$0.00																												
0 Roll(s) @			\$20.00	\$0.00																														
		Subtotal		\$4,860.00																														
	Maps & Documents: <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">County Tax Maps:</td> <td style="padding-left: 20px;">0 Map(s) @</td> <td></td> <td style="text-align: right;">\$7.00</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td style="padding-left: 40px;">USGS Maps:</td> <td style="padding-left: 20px;">0 Map(s) @</td> <td></td> <td style="text-align: right;">\$7.00</td> <td style="text-align: right;"><u>\$0.00</u></td> </tr> </table>	County Tax Maps:	0 Map(s) @		\$7.00	\$0.00	USGS Maps:	0 Map(s) @		\$7.00	<u>\$0.00</u>																							
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	Technical Reports <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">Reproduction:</td> <td style="padding-left: 20px;">0 8 1/2 X 11 Copy(s) @</td> <td></td> <td style="text-align: right;">\$0.04</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">0 11 x 17 Copy(s) @</td> <td></td> <td style="text-align: right;">\$0.10</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">0 Blueline(s) @</td> <td></td> <td style="text-align: right;">\$0.35</td> <td style="text-align: right;"><u>\$0.00</u></td> </tr> </table>	Reproduction:	0 8 1/2 X 11 Copy(s) @		\$0.04	\$0.00		0 11 x 17 Copy(s) @		\$0.10	\$0.00		0 Blueline(s) @		\$0.35	<u>\$0.00</u>																		
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	Design <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 40px;">Reproduction:</td> <td style="padding-left: 20px;">0 8 1/2 x 11 Copy(s) @</td> <td></td> <td style="text-align: right;">\$0.04</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">500 11 x 17 Copy(s) @</td> <td></td> <td style="text-align: right;">\$0.10</td> <td style="text-align: right;">\$50.00</td> </tr> <tr> <td></td> <td style="padding-left: 20px;">300 Full Size Sheets @</td> <td></td> <td style="text-align: right;">\$1.30</td> <td style="text-align: right;">\$390.00</td> </tr> <tr> <td></td> <td style="padding-left: 40px;">0 Blueline(s) @</td> <td></td> <td style="text-align: right;">\$0.35</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 40px;">0 Mylar Sepia(s) @</td> <td></td> <td style="text-align: right;">\$5.90</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td></td> <td style="padding-left: 40px;">0 Cross-Sections Sheet(s)</td> <td></td> <td style="text-align: right;">\$3.50</td> <td style="text-align: right;">\$0.00</td> </tr> </table>	Reproduction:	0 8 1/2 x 11 Copy(s) @		\$0.04	\$0.00		500 11 x 17 Copy(s) @		\$0.10	\$50.00		300 Full Size Sheets @		\$1.30	\$390.00		0 Blueline(s) @		\$0.35	\$0.00		0 Mylar Sepia(s) @		\$5.90	\$0.00		0 Cross-Sections Sheet(s)		\$3.50	\$0.00			
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Example Manday Estimate for Stream Mitigation DIRECT EXPENSES

PROJECT DESCRIPTION: R-2518A On-site Mitigation Plan and Design

PREPARED BY:

TIP NUMBER: R-2518WM

PROJECT NUMBER: 6.869006T (WBS: 34445.3.1)

DATE PREPARED: August 9, 2004

REVIEWED BY UNIT HEAD ON:

	0 Enlarge Quad Map(s)		\$50.00	<u>\$0.00</u>
		Subtotal		\$440.00
	Environmental Document			
	Reproduction:	0 8 1/2 x 11 Copy(s) @	\$0.04	\$0.00
		0 11 x 17 Copy(s) @	\$0.10	\$0.00
		0 Cover(s) @	\$0.50	\$0.00
		0 Binder(s) @	\$0.50	\$0.00
		0 Color Copy(s) @	\$0.83	<u>\$0.00</u>
		Subtotal		\$0.00
	MEETINGS & PUBLIC INVOLVEMENT			
	Travel:	0 Trip(s) @	0 miles @	\$0.35 \$0.00
		0 Trip(s) @	0 miles @	\$0.35 \$0.00
	Parking:	0 Trip(s) @		\$3.00 \$0.00
	Per Diem:	0 Breakfast		\$6.50 \$0.00
		0 Lunch		\$8.50 \$0.00
		0 Dinner		\$14.50 \$0.00
		0 Lodging		\$55.50 \$0.00
	Workshop Handouts			
	- Reproduction	0 8 1/2 x 11 Page(s) @	0 Handouts	\$0.04 \$0.00
		0 11 x 17 Page(s) @	0 Handouts	\$0.10 \$0.00
	Presentation Materials:			
	- Public Officials Meetings:	0 Meeting(s) @		\$50.00 \$0.00
	- Public Workshops:	0 Workshop(s) @		\$200.00 \$0.00
	- Slide Presentation:	0 Presentation @		\$350.00 \$0.00
	Mailing Labels:	0 Box(s) @		\$37.00 \$0.00
	Postage:			
	- Public Workshops:	0 Workshop(s) @	0 copies @	\$0.34 <u>\$0.00</u>
		Subtotal		\$0.00
		TOTAL		\$5,300.00