

**MEADOW WAY BRIDGE, FAIRFAX - RIGHT OF WAY SURVEYING AND MAPPING  
LAND SURVEYING SERVICES - OBERKAMPER AND ASSOCIATES**

**Fee Estimate**

TASKS	Oberkamper & Associates Staff Hours									Totals
	Principal	Civil	Civil	CAD	Senior	Land	2-Man Survey	1-Man Survey		
	Engineer	Engineer	Designer	Technician	Engineer	Surveyor	Crew	Crew		
Current hourly billing rates -->	\$200.00	\$160.00	\$135.00	\$115.00	\$195.00	\$175.00	\$250.00	\$170.00		
<b>Task 1 - Land Net Mapping - Confirm existing boundary mapping prepared by others</b>	<b>\$2,400</b>	<b>\$0</b>	<b>\$5,670</b>	<b>\$0</b>	<b>\$390</b>	<b>\$3,850</b>	<b>\$4,000</b>	<b>\$0</b>		<b>\$16,310</b>
1.1 Research and obtain existing record mapping and deeds, review in conjunction with current boundary mapping by others	1					4				
1.2 Prepare monument search calculations and perform field surveys						2	16			
1.3 Process field data, analyze with respect to record information and resolve boundaries					2	12				
1.4 Site visit	2		2							
1.5 Prepare finished Land Net Map showing existing right of way, adjacent parcel side lines and relevant easements; include Grantor Box showing all relevant parcel information	4		28			2				
1.6 Process Land Net Map through review process by Caltrans District 4 R/W Engineering to final approval, revise and add info as needed	3		12			2				
1.7 Project management / administration	2									
subtotal of hours	12	0	42	0	2	22	16	0		94
<b>Task 2 - Appraisal Map Preparation and Field Staking</b>	<b>\$5,400</b>	<b>\$0</b>	<b>\$15,930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200</b>	<b>\$3,000</b>	<b>\$0</b>		<b>\$28,530</b>
2.1 Coordinate with Designers to establish final right of way, easements and Temporary Construction Easements (TCE) needed	4		12			2				
2.2 Prepare Appraisal Map reflecting project final right of way and easements	4		24			4				
2.3 Process Appraisal Map through review process by Caltrans District 4 R/W Engineering to final approval, revising and adding info as needed	4		8			2				
2.4 Prepare plats, calculations and legal descriptions for the proposed acquisitions (fee, easement and/or TCEs)	2		48			4				
2.5 Process legal descriptions and plats through review process by Caltrans District 4 R/W Engineering to final approval, revise and add info as needed										
2.6 Set stakes in field to delineate takes and easements as required in Acquisition process	2		2			4	12			
2.7 Prepare Aerial Overlay Exhibits of acquisition areas; support R/W Agent through Acquisition process	6		12			6				
2.8 Finalize plats and legal descriptions as needed, coordinate with BRI in recordation of documents	2		12			2				
2.9 Project management / administration	3									
subtotal of hours	27	0	118	0	0	24	12	0		181
<b>Task 3 - Right of Way Record Map Preparation</b>	<b>\$3,000</b>	<b>\$0</b>	<b>\$7,560</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,400</b>	<b>\$0</b>	<b>\$0</b>		<b>\$11,960</b>
3.1 Prepare Record Map showing final right of way and easement configuration along with take and easement document numbers, update Grantor Box to show final parcel information	4		32			4				
3.2 Coordinate with project Team to determine final recording data and related info for takes and easements	3		12			2				
3.3 Process R/W Record Map through review process by Caltrans District 4 R/W Engineering as needed to final approval, revising and adding info as needed	4		12			2				
3.4 Project management / administration	4									
subtotal of hours	15	0	56	0	0	8	0	0		79
<b>Task 4 - Prepare Record of Survey Map to document final R/W</b>	<b>\$1,400</b>	<b>\$0</b>	<b>\$4,320</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,400</b>	<b>\$3,000</b>	<b>\$0</b>		<b>\$10,120</b>
4.1 Prepare Record of Survey map in conformance with State Land Surveyor's Act, process through County Surveyor's Office to approval	4		32			6				
4.2 Set boundary monuments where required, per Record of Survey map						2	12			
4.3 Project management / administration	3									
subtotal of hours	7	0	32	0	0	8	12	0		59
<b>Task 5 - Right of Way Closeout</b>	<b>\$1,200</b>	<b>\$0</b>	<b>\$1,080</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350</b>	<b>\$0</b>	<b>\$0</b>		<b>\$2,630</b>
5.1 Assist Town and Design Team in right of way closeout activities as required	6		8			2				
subtotal of hours	6	0	8	0	0	2	0	0		16
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
subtotal of hours	0	0	0	0	0	0	0	0		0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
subtotal of hours	0	0	0	0	0	0	0	0		0
<b>Total Fees for Design Phase Services</b>										<b>\$69,550</b>
<b>Expenses</b>										<b>\$200</b>
Miscellaneous project reimbursable costs										\$200
<b>Total Design Phase Fees and Expenses</b>										<b>\$69,750</b>

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<b>Construction Phase Fees and Expenses</b>										
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
subtotal of hours	0	0	0	0	0	0	0	0	0	0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
subtotal of hours	0	0	0	0	0	0	0	0	0	0
<b>Total Fees for Construction Phase</b>										<b>\$0</b>
<b>Expenses for Construction Phase</b>										<b>\$413</b>
Miscellaneous project reimbursable costs										413
<b>Total CA Fees and Expenses</b>										<b>\$413</b>
<b>GRAND TOTAL</b>										<b>\$70,163</b>

NOTE: For assumptions/exclusions, please see proposal attached