

Appendix Project Cost Estimation Template

REGIONAL TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY

San Joaquin Council of Governments

SHORT FORM PRELIMINARY PROJECT COST ESTIMATE TEMPLATE

Lead Agency: _____
 MPO ID: _____
 RTP Tier: _____
 Contact Name: _____
 Contact Number: _____

Project Name:

Project Description:

Limits:

Proposed Improvement:
(Scope)

SUMMARY OF PROJECT COST ESTIMATE

PRELIMINARY ENGINEERING (3% of Construction)	3%	\$0
PROJECT APPROVAL & ENVIRONMENTAL STUDIES (4% of Construction)	4%	\$0
DESIGN PHASE (PS &E) (12% of Construction)	12%	\$0
CONSTRUCTION COSTS		\$0
CONSTRUCTION SUPPORT AND ADMINISTRATION (10%CM + 2% Admin)	12%	\$0

ENGINEERING AND CONSTRUCTION COSTS IN 2013 DOLLARS \$0

MIDPOINT OF CONSTRUCTION 2016 ESCALATION RATE PER ANNUM 3%

E and C COSTS ESCALATED TO MIDPOINT OF CONSTRUCTION \$0

RIGHT OF WAY		\$0
Anticipated Date of Acquisition:	1/0/00	
RIGHT OF WAY SUPPORT		\$0
FINANCING COSTS		_____
UNALLOCATED CONTINGENCY (10% of costs)	0%	\$0

TOTAL ESCALATED PROJECT COSTS \$0

All costs are escalated to midpoint of construction with the exception of ROW, which is escalated to point of acquisition in "ROW Items" Tab, and "Financing Costs", which is provided by Financial Consultant

Reviewed by _____
Name (Phone) (Date)

Approved by _____
SJCOG Name (Phone) (Date)

San Joaquin Council of Governments

Lead Agency: _____
 MPO ID: _____
 RTP Tier: _____
 Contact Name: _____
 Contact Number: _____

ROADWAY

Description of Roadway Section

Attach reference sketch in Sketches and Pictures tab

	Roadway Length (in miles)	Number of Lanes	Cost per Lane Mile	
ROADWAY ITEMS			\$100,000	\$0
MINOR ITEMS (10% of Roadway Items)			10%	\$0
SUPPLEMENTAL WORK (10% of Roadway Items plus Minor Items)			10%	\$0
MOBILIZATION (10% of Roadway, Supplemental and Minor Items)			10%	\$0
			Subtotal	\$0
CONTINGENCY**			25%	\$0
			GRAND TOTAL ROADWAY	\$0

** Always use at least 45% contingency when Short Form is used

Estimate Prepared By: _____
Name
(Phone)
(Date)

Estimate Checked By: _____
Name
(Phone)
(Date)

Lead Agency: _____
 MPO ID: _____
 RTP Tier: _____
 Contact Name: _____
 Contact Number: _____

BRIDGES AND RAILROAD ITEMS

BRIDGES

	Structure 1	Structure 2	Structure 3
Bridge Name	_____	_____	_____
Structure Type	_____	_____	_____
Width (out to out) - in feet	_____	_____	_____
Span Length in feet	_____	_____	_____
Total Area - in square feet	_____	_____	_____
Footing Type (pile/spread)	_____	_____	_____
Cost per square foot	_____	_____	_____
Construction cost:	\$0	\$0	\$0
Mobilization @ 10%	\$0	\$0	\$0
Contingency: <input type="text" value="35%"/>	\$0	\$0	\$0
Total Cost Per Structure	\$0	\$0	\$0

SUBTOTAL BRIDGE ITEMS \$0

RAILROAD RELATED COSTS

Item	Description	Cost
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____

Construction cost: \$0

Contingency: \$0

SUBTOTAL RAILROAD ITEMS \$0

TOTAL BRIDGES AND RAILROAD ITEMS \$0

COMMENTS:

Estimate Prepared By: _____
(Print Name) (Phone) (Date)

BUS SHELTERS AND STATIONS

Description* Three bus shelters, 20 ft long, with architectural roof and wind screens

* Attach reference sketch showing typical layout plan and elevation of shelter or station

Quantity	Unit of Measure	Unit Price	Cost
Sitework			\$ 0
Superstructure	SQ. FT.		\$ 0
Architectural Finishes	LS		\$ 0
Signage	LS		\$ 0
Fire protection	LS		\$ 0
Utilities			\$ 0
Water			\$ 0
Sewer			\$ 0
Electrical			\$ 0
Communications			\$ 0
Station Furniture			\$ 0
Landscaping			\$ 0
Security			\$ 0
Total Per Station			\$ 0
Number of Stations	_____	Total all Stations	\$ 0
		Contingency 35%	\$ 0
GRAND TOTAL STATIONS			\$ 0

BICYCLE PATHS

Path Description* 20 miles of two-way blacktop bicycle path, with painted median, five rest stops and vista points

* Attach reference sketch showing typical pavement structural section elements of the path

Path Length in miles	Cost per mile
_____	\$ 1,500,000

Total path	\$ 0
Contingency 25%	\$ 0

When addressing cost per path mile make sure to consider rolling surface, drainage, footbridges striping, signage barriers, furniture, landscaping, and security

TOTAL BICYCLE PATH	\$ 0
---------------------------	-------------

Estimate Prepared By: _____
 (Print Name) (Phone) (Date)

Lead Agency: _____
 MPO ID: _____
 RTP Tier: _____
 Contact Name: _____
 Contact Number: _____

RIGHT OF WAY ITEMS

Enter All Parcel Data on ROW Worksheet

	Current Values (Future Use)	Escalation Rate (%/yr)	Escalated Value	
ROW Acquisition, including excess lands, damages to remainders, and good will	\$0	3.50%	\$0	
TOTAL RIGHT OF WAY				\$0
Utility Relocation (Agency Share)		3.00%	\$0	
Relocation Assistance		3.00%	\$0	
Clearance / Demolition		3.00%	\$0	
ROW Services - Title and Escrow Fees	\$0	2.00%	\$0	
Temporary Easement		3.00%	\$0	
Condemnation Costs		3.00%	\$0	
TOTAL RIGHT OF WAY SUPPORT				\$0
				TOTAL RIGHT OF WAY ITEMS \$0

Date of Valuation 1/0/00

Anticipated Date of Right of Way Certification Delta Dates (yrs) 0.00
 (Date to which Values are Escalated)

Construction Contract Work
 Brief Description of Work

(Costs Included in Roadway and/or Structures Items of Work as Appropriate)

Estimate Prepared By: _____
(Print Name) (Phone) (Date)

INVENTORY OF ALL POTENTIAL ROW TAKES

DATE OF MOST RECENT UPDATE:

In Order, from South to North or West to East

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition.
Acquisition costs should include excess lands, damages to remainders, and good will. Enter current values.

INCLUDE PARCELS REQUIRED FOR BICYCLE PATHS, STATIONS, BUS SHELTERS, ETC.

Parcel ID	Address	Zoning	Improvements	Use	Size	Percent take	Relocation needed	Demolition required	Assessor's parcel number	Estimated value	Source of estimate	Date of estimate	Comments	
<u>Total Parcels Affected</u>		0	<u>Total Value of all Takes</u>							\$0				

Prepared By: _____
 (Print Name) (Phone) (Date)

SKETCHES AND PICTURES

Use this sheet for importing drawings and sketches that help define items of work and pictures of ROW items