

# Detailed Engineer's Estimate and Total Project Costs- Cycle 5 v1.4

**Important: Read the Instructions in the first sheet (tab) before entering data. Do not enter data in shaded fields (with formulas).**

## Project Information:

Agency: San Francisco Municipal Transportation Agency (SFMTA)	Date: September 15th 2020
Project Description: Folsom Streetscape Project	
Project Location: Folsom Street (between 2nd and 11th Streets) San Francisco, California	
Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate: Paul Stanis	
License #:	C 82204

## Engineer's Estimate and Cost Breakdown:

Engineer's Estimate (for Construction Items Only)						Cost Breakdown					
Item No.	Item	Quantity	Units	Unit Cost	Total Item Cost	ATP Eligible Costs/Items		ATP Ineligible Costs/Items		Corps/CCC to construct	
						%	\$	%	\$	%	\$
<b>General Overhead-Related Construction Items</b>											
1	Mobilization	1	LS	\$815,150.00	\$815,150	68%	\$557,396	32%	\$257,754		
2	Traffic Control	1	LS	\$1,517,450.00	\$1,517,450	68%	\$1,037,626	32%	\$479,824		
3	Stormwater Protection Plan		LS			68%		32%			
4	Demobilization	1	LS	\$543,430.00	\$543,430	68%	\$371,595	32%	\$171,835		
5			LS			68%		32%			
6			LS			68%		32%			
7			LS			68%		32%			
8			LS			68%		32%			
9			LS			68%		32%			
10			LS			68%		32%			
<b>General Construction Items</b>											
11	Transportation of Class I Hazardous Waste	770	TON	\$90.00	\$69,300						
12	Transportation of Non-Hazardous Soils	1140	TON	\$40.00	\$45,600			100%	\$45,600		
13	Monitoring Well	3	EA	\$10,000.00	\$30,000			100%	\$30,000		
14	Demolition	388600	SF	\$3.00	\$1,165,800	100%	\$1,165,800				
15	Hot Mix Asphalt	5343	TON	\$300.00	\$1,602,900	100%	\$1,602,900				
16	Concrete Base	141400	SF	\$30.00	\$4,242,000	100%	\$4,242,000				
17	Concrete Curb	12916	LF	\$70.00	\$904,120	100%	\$904,120				
18	Concrete Gutter	12100	SF	\$30.00	\$363,000	100%	\$363,000				
19	Raised Crosswalks	9700	SF	\$30.00	\$291,000	100%	\$291,000				
20	Sidewalk	48400	SF	\$20.00	\$968,000	100%	\$968,000				
21	Curb Ramps	85	EA	\$5,000.00	\$425,000	100%	\$425,000				
22	ADA Surface Tiles	1700	SF	\$100.00	\$170,000	100%	\$170,000				
23	ADA Directional Bar	330	LF	\$60.00	\$19,800	100%	\$19,800				
24	Irrigation Conduit Installation	1	LS	\$1,055,000.00	\$1,055,000			100%	\$1,055,000		
25	Traffic Signals	1	LS	\$5,133,770.00	\$5,133,770	100%	\$5,133,770				
26	Tree Removal and Installation	111	EA	\$2,000.00	\$222,000			100%	\$222,000		
27	Civil Amenity Zone Landscaping	60	EA	\$13,200.00	\$792,000			100%	\$792,000		
28	Decorative Crosswalks	6000	SF	\$30.00	\$180,000			100%	\$180,000		
29	Street Light Decorative Wrap	95	EA	\$1,000.00	\$95,000			100%	\$95,000		
30	Electrical Conduit for Street Lighting	6325	LF	\$130.00	\$822,250	100%	\$822,250				
31	Electrical Boxes for Street Lighting and Tra	114	EA	\$1,200.00	\$136,800	100%	\$136,800				
32	Street Lights	53	EA	\$8,000.00	\$424,000	100%	\$424,000				
33	Pedestrian-Scale Street Lights	53	EA	\$10,000.00	\$530,000	100%	\$530,000				
34	Sewer and Drainage	1	LS	\$4,018,100.00	\$4,018,100			100%	\$4,018,100		
35	Overhead Contact System	1	LS	\$1,237,300.00	\$1,237,300			100%	\$1,237,300		
36	Sub-Sidewalk Basements	1	LS	\$573,000.00	\$573,000			100%	\$573,000		
37	Brick Cistern Roadway Marker	3	EA	\$20,000.00	\$60,000			100%	\$60,000		
38	Adjust Manholes and Catch Basins for New	132	EA	\$500.00	\$66,000			100%	\$66,000		
39	Adjust Hydrant and Water Main for New Ro	193	EA	\$300.00	\$57,900			100%	\$57,900		
40	Meter Pole Removal	72	EA	\$200.00	\$14,400			100%	\$14,400		
41	Temporary Pavement Markings	30800	EA	\$2.00	\$61,600			100%	\$61,600		
42	New Striping and Signage	1	LS	\$1,200,000.00	\$1,200,000	100%	\$1,200,000				
43								100%			
44								100%			
45								100%			
46								100%			
47								100%			
48								100%			
49								100%			
50								100%			
51								100%			
52								100%			
<b>Subtotal of Construction Items:</b>					<b>\$29,782,370</b>		<b>\$20,365,057</b>		<b>\$9,417,313</b>		
<b>Construction Item Contingencies (% of Construction Items):</b>											
<b>Total (Construction Items &amp; Contingencies) cost:</b>					<b>\$29,782,370</b>		<b>\$20,365,057</b>		<b>\$9,417,313</b>		

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## Project Delivery Costs:

Type of Project Cost	Cost \$	ATP Eligible Costs	Non-participating Costs		
<b>Preliminary Engineering (PE)</b>					
Environmental Studies and Permits(PA&ED):					
Plans, Specifications and Estimates (PS&E):	\$ 6,300,000	\$4,307,913	\$1,992,087	"PE" costs / "CON" costs	
<b>Total PE:</b>	<b>\$ 6,300,000</b>	<b>\$4,307,913</b>	<b>\$1,992,087</b>	<b>21%</b>	<b>25% Max</b>
<b>Right of Way (RW)</b>					
Right of Way Engineering:					
Acquisitions and Utilities:					
<b>Total RW:</b>	<b>\$ -</b>				
<b>Total Pre-Construction Costs (PE+RW):</b>	<b>\$6,300,000</b>	<b>\$4,307,913</b>	<b>\$1,992,087</b>		
<b>Construction Engineering (CE)</b>					
Construction Engineering (CE):	\$ 1,099,500	\$751,833	\$347,667	"CE" costs / "CON" costs	
<b>Total Construction Costs:</b>	<b>\$30,881,870</b>	<b>\$21,116,890</b>	<b>\$9,764,980</b>	<b>4%</b>	<b>15% Max</b>
<b>Total Project Cost:</b>					
	<b>\$37,181,870</b>	<b>\$25,424,803</b>	<b>\$11,757,067</b>		

### Documentation of Ineligible (Non-Participating) Costs:

The Engineer's logic and/or calculations for splitting costs between ATP-Eligible and Non-participating costs must be documented in this section of the Estimate form.

Separate logic is required for each item which is partly ineligible for ATP funding or is required for the construction of an ineligible item/element of the project.

Item #:	Description of Engineer's Logic: <span style="color: red;">(See examples shown in the Instructions)</span>