

## Albany ATP Signing/Striping Cost Summary

**Project:** Albany Striping  
**Location:** Summary  
**Date:** 11/7/2014



Sheet	Location	Estimated Construction Cost
SS2	Pierce Street	\$16,088.00
SS3-SS4	Jackson Street	\$32,379.00
SS5-SS6	Masonic Avenue	\$35,118.00
SS7-SS8	Talbot Avenue	\$32,501.25
SS9-SS10	Darmouth Avenue	\$68,008.00
SS11	Santa Fe Avenue	\$50,250.00
SS12-SS13	Washington Avenue	\$42,635.50
SS14	Key Route Boulevard	\$27,792.50
SS15	Peralta Avenue	\$41,665.50
SS16	Portland Avenue	\$18,412.00
SS17	Francis Street	\$12,788.00
SS18	Posen Avenue	\$18,172.00
SS19	Sonoma Avenue	\$5,775.00
SS20	Spokane Avenue	\$11,963.00
		<b>Total \$413,547.75</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Pierce Street  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Bike May Use Full Lane Sign on New Post (R4-11)	Each	\$ 750.00	5	\$3,750.00
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	3	\$3,600.00
					\$7,350.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Bike Sharrow	EA.	\$ 150.00	29	\$ 4,350.00
					\$ 4,350.00
SUBTOTAL					\$11,700.00
5% Traffic Control					\$ 585.00
10% Mobilization					\$ 1,170.00
10% Construction Engineering/Administration					\$ 1,170.00
TOTAL					\$ 14,625.00
10% Contingency					\$ 1,463.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 16,088.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Jackson Street  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Bike Route (D11-1) Sign on New Post	Each	\$ 750.00	2	\$ 1,500.00
	Install "No Right Turn On Red" Sign on Signal Mast Arm	Each	\$ 750.00	1	\$ 750.00
	Install New Wayfinding Sign Type B2 on New Post	Each	\$ 1,200.00	2	\$ 2,400.00
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	2	\$ 2,400.00
Subtotal					\$7,050.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 24 - 4" Solide Single Yellow	L.F.	\$ 1.00	850	\$ 850.00
	Detail 27B - Right Edge Line	L.F.	\$ 1.00	600	\$ 600.00
	Detail 39 - Bike Lane	L.F.	\$ 1.25	600	\$ 750.00
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.00	50	\$ 50.00
	12" Limit Line/Crosswalk	L.F.	\$ 6.60	30	\$ 198.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	1	\$ 200.00
	Bike Sharrow	EA.	\$ 150.00	23	\$ 3,450.00
	Bike Loop Detector Symbol	EA.	\$ 100.00	2	\$ 200.00
	Bike Blvd Stencil	EA.	\$ 200.00	12	\$ 2,400.00
	8' Arrow	EA.	\$ 150.00	4	\$ 600.00
	STOP Stencil	EA.	\$ 200.00	1	\$ 200.00
	Bike Box (Legend and Signs)	EA.	\$ 2,000.00	1	\$ 2,000.00
	Back End Parking (Striping and Signs)	Lump Sum	\$ 5,000.00	1	\$ 5,000.00
Subtotal					\$ 16,498.00
SUBTOTAL					\$23,548.00
5% Traffic Control					\$ 1,177.00
10% Mobilization					\$ 2,355.00
10% Construction Engineering/Administration					\$ 2,355.00
TOTAL					\$ 29,435.00
10% Contingency					\$ 2,944.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 32,379.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Masonic Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	11	\$ 13,200.00
				Subtotal	\$13,200.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 24 - 4" Solide Single Yellow	L.F.	\$ 1.00	340	\$ 340.00
	Detail 38A - 8inch white Channelizing line	L.F.	\$ 1.25	200	\$ 250.00
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.00	200	\$ 200.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	4	\$ 800.00
	Bike Sharrow	EA.	\$ 150.00	53	\$ 7,950.00
	Bike Loop Detector Symbol	EA.	\$ 100.00	4	\$ 400.00
	8' Arrow	EA.	\$ 150.00	16	\$ 2,400.00
				Subtotal	\$ 12,340.00
				SUBTOTAL	\$25,540.00
				5% Traffic Control	\$ 1,277.00
				10% Mobilization	\$ 2,554.00
				10% Construction Engineering/Administration	\$ 2,554.00
				TOTAL	\$ 31,925.00
				10% Contingency	\$ 3,193.00
				<b>TOTAL COST ESTIMATE</b>	<b>\$ 35,118.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Talbot Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	8	\$ 9,600.00
				Subtotal	\$9,600.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Modified Detail 21 - 4" Double Yellow Skid	L.F.	\$ 1.75	415	\$ 726.25
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	415	\$ 830.00
	12" Limit Line/Crosswalk	L.F.	\$ 6.60	300	\$ 1,980.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	3	\$ 600.00
	Bike Sharrow	EA.	\$ 150.00	56	\$ 8,400.00
	Delineators	EA.	\$ 50.00	30	\$ 1,500.00
				Subtotal	\$ 14,036.25
SUBTOTAL					\$23,636.25
5% Traffic Control					\$ 1,182.00
10% Mobilization					\$ 2,364.00
10% Construction Engineering/Administration					\$ 2,364.00
TOTAL					\$ 29,546.25
10% Contingency					\$ 2,955.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 32,501.25</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Dartmouth Street  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New R6-4 Sign	Each	\$ 750.00	12	\$ 9,000.00
	Install New Wayfinding Sign Type B2 on New Post	Each	\$ 1,200.00	8	\$ 9,600.00
SUBTOTAL					\$18,600.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Bike Sharrow	EA.	\$ 150.00	4	\$ 600.00
	Bike Blvd Stencil	EA.	\$ 200.00	16	\$ 3,200.00
SUBTOTAL					\$ 3,800.00
Civil					
I.D	Paving/Curb	Unit	Unit Cost	Quantity	TOTAL
	Class II AB Base	CY	\$80.00	15	\$ 1,200.00
	Asphalt Plug	SF	\$8.00	345	\$ 2,760.00
	Concrete Curb	LF	\$30.00	75	\$ 2,250.00
	Vehicular Concrete	SF	\$20.00	480	\$ 9,600.00
	Adjust Manhole to Grade	EA	\$2,000.00	3	\$ 6,000.00
	Remove AC Pavement	SF	\$4.00	975	\$ 3,900.00
	Grouted Cobblestone	SF	\$15.00	90	\$ 1,350.00
SUBTOTAL					\$ 27,060.00
SUBTOTAL					\$49,460.00
5% Traffic Control					\$ 2,473.00
10% Mobilization					\$ 4,946.00
10% Construction Engineering/Administration					\$ 4,946.00
TOTAL					\$ 61,825.00
10% Contingency					\$ 6,183.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 68,008.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Santa Fe  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	7	\$ 8,400.00
SUBTOTAL					\$8,400.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	1320	\$ 2,640.00
	Detail 27C - Dashed Right Edge Line	L.F.	\$ 2.00	1320	\$ 2,640.00
	White Diagonal Stripes	L.F.	\$ 5.00	1320	\$ 6,600.00
	Detail 27B with Clear One-way Reflectors	L.F.	\$ 4.00	330	\$ 1,320.00
	2'X2' Ladder Crosswalk - White	L.F.	\$ 50.00	100	\$ 5,000.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	1	\$ 200.00
	Bike Sharrow	EA.	\$ 150.00	21	\$ 3,150.00
	Detail 21 - Centerline	L.F.	\$ 3.00	65	\$ 195.00
	Yield Line Markings	L.F.	\$ 20.00	70	\$ 1,400.00
SUBTOTAL					\$ 23,145.00
Civil					
I.D	Paving/Curb	Unit	Unit Cost	Quantity	TOTAL
	Install New Curb Ramp and Sidewalk	EA.	\$ 5,000.00	1.00	\$ 5,000.00
SUBTOTAL					\$ 5,000.00
SUBTOTAL					\$36,545.00
5% Traffic Control					\$ 1,827.00
10% Mobilization					\$ 3,655.00
10% Construction Engineering/Administration					\$ 3,655.00
TOTAL					\$45,682.00
10% Contingency					\$ 4,568.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 50,250.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Washington Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B2 on New Post	Each	\$ 1,200.00	12	\$ 14,400.00
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	2	\$ 2,400.00
SUBTOTAL					\$14,400.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	2090	\$ 4,180.00
	Detail 39 - Bike Lane	L.F.	\$ 1.50	1585	\$ 2,377.50
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.50	500	\$ 750.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	10	\$ 2,000.00
	Bike Sharrow	EA.	\$ 150.00	8	\$ 1,200.00
	Bike Blvd Stencil	EA.	\$ 200.00	24	\$ 4,800.00
	STOP Stencil	EA.	\$ 200.00	3	\$ 600.00
	25 MPH Legend	EA.	\$ 350.00	2	\$ 700.00
SUBTOTAL					\$ 16,607.50
SUBTOTAL					\$31,007.50
5% Traffic Control					\$ 1,550.00
10% Mobilization					\$ 3,101.00
10% Construction Engineering/Administration					\$ 3,101.00
TOTAL					\$38,759.50
10% Contingency					\$ 3,876.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 42,635.50</b>



**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Key Route Blvd  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	7	\$ 8,400.00
SUBTOTAL					\$8,400.00
I.D	Striping	: of Mea	Unit Cost	Quantity	TOTAL
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	2125	\$ 4,250.00
	Detail 39 - Bike Lane	L.F.	\$ 1.50	1875	\$ 2,812.50
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.50	200	\$ 300.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	7	\$ 1,400.00
	Bike Sharrow	EA.	\$ 150.00	15	\$ 2,250.00
	STOP Stencil	EA.	\$ 200.00	4	\$ 800.00
SUBTOTAL					\$ 11,812.50
SUBTOTAL					\$20,212.50
5% Traffic Control					\$ 1,011.00
10% Mobilization					\$ 2,021.00
10% Construction Engineering/Administration					\$ 2,021.00
TOTAL					\$25,265.50
10% Contingency					\$ 2,527.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 27,792.50</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Peralta Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Bike May Use Full Lane Sign on New Post (R4-11)	Each	\$ 750.00	2	\$ 1,500.00
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	6	\$ 7,200.00
SUBTOTAL					\$8,700.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 21 - 4" Solid Double Yellow	L.F.	\$ 3.00	655	\$ 1,965.00
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	4385	\$ 8,770.00
	Detail 39 - Bike Lane	L.F.	\$ 1.50	1325	\$ 1,987.50
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.50	100	\$ 150.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	3	\$ 600.00
	Bike Sharrow	EA.	\$ 150.00	28	\$ 4,200.00
	STOP Stencil	EA.	\$ 200.00	1	\$ 200.00
	SLOW Stencil	EA.	\$ 200.00	3	\$ 600.00
	15 MPH Legend	EA.	\$ 350.00	2	\$ 700.00
	Grind Out Existing Striping	L.F.	\$ 1.50	1620	\$ 2,430.00
SUBTOTAL					\$ 21,602.50
SUBTOTAL					\$30,302.50
5% Traffic Control					\$ 1,515.00
10% Mobilization					\$ 3,030.00
10% Construction Engineering/Administration					\$ 3,030.00
TOTAL					\$37,877.50
10% Contingency					\$ 3,788.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 41,665.50</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Portland Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	6	\$ 7,200.00
SUBTOTAL					\$ 7,200.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 21 - 4" Solid Double Yellow	L.F.	\$ 3.00	150	\$ 450.00
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	640	\$ 1,280.00
	Detail 39 - Bike Lane	L.F.	\$ 1.50	490	\$ 735.00
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.50	150	\$ 225.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	3	\$ 600.00
	Bike Sharrow	EA.	\$ 150.00	14	\$ 2,100.00
	STOP Stencil	EA.	\$ 200.00	4	\$ 800.00
SUBTOTAL					\$ 6,190.00
SUBTOTAL					\$ 13,390.00
5% Traffic Control					\$ 670.00
10% Mobilization					\$ 1,339.00
10% Construction Engineering/Administration					\$ 1,339.00
TOTAL					\$ 16,738.00
10% Contingency					\$ 1,674.00
<b>TOTAL COST ESTIMATE</b>					<b>\$ 18,412.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Francis Street  
**Date:** 11/7/2014



Signing and Striping						
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL	
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	6	\$ 7,200.00	
				Subtotal	\$7,200.00	
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL	
	Bike Sharrow	EA.	\$ 150.00	14	\$ 2,100.00	
				Subtotal	\$ 2,100.00	
					Subtotal	\$9,300.00
					5% Traffic Control	\$ 465.00
					10% Mobilization	\$ 930.00
					10% Construction Engineering/Administration	\$ 930.00
					TOTAL	\$11,625.00
					10% Contingency	\$ 1,163.00
					<b>TOTAL COST ESTIMATE</b>	<b>\$ 12,788.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Posen Avenue  
**Date:** 11/7/2014



Signing and Striping					
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	1	\$ 1,200.00
SUBTOTAL					\$1,200.00
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL
	Detail 27B - Right Edge Line	L.F.	\$ 2.00	2935	\$ 5,870.00
	Detail 39 - Bike Lane	L.F.	\$ 1.50	2780	\$ 4,170.00
	Detail 39A - Bike Lane Intersection Line	L.F.	\$ 1.50	250	\$ 375.00
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	8	\$ 1,600.00
SUBTOTAL					\$ 12,015.00
				SUBTOTAL	\$13,215.00
				5% Traffic Control	\$ 661.00
				10% Mobilization	\$ 1,322.00
				10% Construction Engineering/Administration	\$ 1,322.00
				TOTAL	\$16,520.00
				10% Contingency	\$ 1,652.00
				<b>TOTAL COST ESTIMATE</b>	<b>\$ 18,172.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Sonoma Avenue  
**Date:** 11/7/2014



Signing and Striping						
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL	
	Install New Wayfinding Sign Type B3 on New Post	Each	\$ 1,200.00	2	\$ 2,400.00	
				SUBTOTAL	\$2,400.00	
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL	
	Bike Sharrow	EA.	\$ 150.00	12	\$ 1,800.00	
				SUBTOTAL	\$ 1,800.00	
					SUBTOTAL	\$4,200.00
					5% Traffic Control	\$ 210.00
					10% Mobilization	\$ 420.00
					10% Construction Engineering/Administration	\$ 420.00
					TOTAL	\$5,250.00
					10% Contingency	\$ 525.00
					<b>TOTAL COST ESTIMATE</b>	<b>\$ 5,775.00</b>

**Fehr & Peers - Unit Cost Estimate Tool**

**Project:** Albany Striping  
**Location:** Spokane Avenue  
**Date:** 11/7/2014



Signing and Striping						
I.D	Signing	Unit	Unit Cost	Quantity	TOTAL	
	Install New No Stopping Any Time on New Post (R26)	Each	\$ 750.00	2	\$ 1,500.00	
	Install New Wayfinding Sign Type B2 on New Post	Each	\$ 1,200.00	3	\$ 3,600.00	
				SUBTOTAL	\$5,100.00	
I.D	Striping	Unit	Unit Cost	Quantity	TOTAL	
	Bike Lane Legend (Bike Symbol and Arrow)	EA.	\$ 200.00	18	\$ 3,600.00	
				SUBTOTAL	\$ 3,600.00	
					SUBTOTAL	\$8,700.00
					5% Traffic Control	\$ 435.00
					10% Mobilization	\$ 870.00
					10% Construction Engineering/Administration	\$ 870.00
					TOTAL	\$10,875.00
					10% Contingency	\$ 1,088.00
					<b>TOTAL COST ESTIMATE</b>	<b>\$ 11,963.00</b>