

Curtola Transit Center, Re-Scoping

STANTEC ARCHITECTURE

Schematic Design Estimate

13 July 2012

Job Number: 08183.003

INTRODUCTORY NOTES

OCMI JOB #: 08183.003

DATE: 13 JULY 2012

This estimate is based on verbal direction from the client and the following items, received 11 July, 2012:

General

Conceptual Design Scheme dated 11 July 2012 (01 sheet). Schematic Design drawings dated 07 June 2011 (15 sheets).

- The following items are excluded from this estimate:
 - Professional fees.
 - Building permits and fees.
 - Inspections and tests.
 - Construction change order contingency.
 - Overtime.
- This estimate is based on prevailing labor wage rates.
- This estimate is based on a detailed measurement of quantities. We have made allowances for items that were not clearly defined in the drawings. The client should verify these allowances.
- This estimate is based on a minimum of five competitive bids and a stable bidding market.
- We recommend that this estimate should be updated if more definitive information becomes available, or if there is any change in scope.
- We strongly advise the client to review this estimate in detail. If any interpretations in this
 estimate appear to be contrary to those intended by the design documents, they should be
 addressed immediately.

SUMMARY

ELEMENT	TOTAL COST	\$/SF AREA
01. PLAZA AND BUS DROP OFF	\$1,021,219	\$32.05
02. CIRCULATION (CURTOLA + CARLSON)	\$1,817,832	\$28.92
03. OPEN LOT UPGRADE	\$995,155	\$7.44
04. PLAZA CANOPY WITH FEATURE COLUMN	\$1,798,781	\$124.30
05. LEMON STREET LOT UPGRADES	\$195,498	\$6.84

TOTAL CONSTRUCTION COST	\$5,828,485

SEPARATE BUDGET:

Photovoltaic panels (7,200 SF) \$648,000 Photovoltaic panel supports on canopy (7,200 SF) \$144,000

TOTAL CONSTRUCTION COST WITH PV's	\$6,620,485

OCMI JOB #: 08183.003

OCMI JOB #: 08183.003 SCHEMATIC DESIGN ESTIMATE **DATE: 13 JULY 2012**

GENERAL SUMMARY

ELEMENT	TOTAL COST	\$/SF AREA
01 FOUNDATIONS 02 SUBSTRUCTURE 03 SUPERSTRUCTURE 04 EXTERIOR CLOSURE 05 ROOFING 06 INTERIOR CONSTRUCTION 07 CONVEYING 08 MECHANICAL		
09 ELECTRICAL 10 EQUIPMENT		
11 SITEWORK	\$738,618	\$23.18
NET DIRECT BUILDING COST GENERAL CONDITIONS, OH&P	\$738,618 15.00% <u>\$110,793</u>	\$23.18 \$3.48
SUBTOTAL DESIGN CONTINGENCY	\$849,411 15.00% \$127,412	\$26.66 \$4.00
SUBTOTAL ESCALATION TO MIDPOINT, 06/2013	\$976,822 3.00% <u>\$29,305</u>	\$30.66 \$0.92
SUBTOTAL BONDS	\$1,006,127 1.50% <u>\$15,092</u>	\$31.57 \$0.47
TOTAL BUILDING COST	\$1,021,219	

GROSS FLOOR AREA: 31,865 SF

COST PER SQUARE FOOT: \$32.05

CURTOLA TRANSIT CENTER - RE-SCOPING - PLAZA AND BUS DROP OFF

VALLEJO, CALIFORNIA

SCHEMATIC DESIGN ESTIMATE DATE: 13 JULY 2012

DETAIL SUMMARY

TOTAL

OCMI JOB #: 08183.003

E	LEMENT	AMOUNT	TOTAL COST	\$/SF AREA	\$/SF AREA
01	FOUNDATIONS				
	011 Standard Foundations				
	012 Special Foundations				
02	SUBSTRUCTURE				
	021 Slab On Grade				
	022 Basement Excavation				
	023 Basement Walls				
03	SUPERSTRUCTURE				
	031 Floor & Roof Construction				
	032 Stair Construction				
04	EXTERIOR CLOSURE				
	041 Exterior Walls				
	042 Exterior Doors/Windows				
05	ROOFING				
_	051 Roofing				
06	INTERIOR CONSTRUCTION				
	061 Partitions				
	062 Interior Finishes				
	063 Specialties				
_	064 Interior Doors/Windows				
07	CONVEYING				
_	071 Elevators				
08	MECHANICAL				
	081 Plumbing				
	082 H.V.A.C.				
	083 Fire Protection				
	084 Special Mechanical				
09	ELECTRICAL				
	091 Standard Electrical				
40	092 Special Electrical				
10	EQUIPMENT				
	101 Fixed/Movable Equipment				
	102 Furnishings				
44	103 Special Construction		Ф720 C40		
11	SITEWORK	¢470 E40	\$738,618	ው ር ርጋ	\$23.18
	111 Site Preparation	\$179,540		\$5.63 \$9.45	
	112 Site Improvements	\$301,089		\$9.45 \$8.10	
	113 Site Utilities	\$257,989		\$8.10	
	114 Off-Site Work				
	NET DIRECT BUILDING COST		\$738,618		\$23.18
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CURTOLA TRANSIT CENTER - RE-SCOPING - PLAZA AND BUS DROP OFF						
VALLEJO, CALIFORNIA			OCMI JO	OB #: 08183.003		
SCHEMATIC DESIGN ESTIMATE			DATE	E: 13 JULY 2012		
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST		

ELEMENT SITEMORY				
ELEMENT - SITEWORK 111 SITE PREPARATION				
Demolition				
AC paving	22,741	SF	0.94	\$21,332
Base rock at AC paving	22,741	SF	0.64	\$14,510
Concrete pavement	2,400	SF	1.15	\$2,761
Base rock at concrete paving	2,400	SF	0.64	\$1,531
Concrete curb	1,347	LF	2.77	\$3,727
Concrete curb and gutter	635	LF	3.88	\$2,462
Haul AC paving	239	CY	14.89	\$3,560
Haul concrete	44	CY	14.89	\$662
Tip Fees - AC paving and concrete	284	CY	35.00	\$9,926
Electrical demolition	201	0.	00.00	Ψ0,020
Light on pole with footing	3	EA	500.00	\$1,500
Pull boxes	3	EA	50.00	\$150
Conduit and wiring	150	LF	5.00	\$750
Conduit and willing	100	<u> </u>	3.00	Ψίσο
Clearing and grubbing				
Remove tree, medium	33	EA	668.79	\$22,070
Remove planting/ garden	737	SF	2.08	\$1,531
Clear and grub, brush, turf, roots, disposal	11,194	SF	0.30	\$3,371
Excavation and fill				
Overexcavation	842	CY	8.29	\$6,983
Scarify and compact top 6"	22,741	SF	0.33	\$7,596
Lime treatment	22,741	SF	1.15	\$26,152
Engineered fill	969	CY	19.49	\$18,882
Haul	969	CY	10.89	\$10,544
Tip Fees - Dirt	969	CY	15.00	\$14,529
Grading				
Rough grade - Not required				
Fine grade	22,741	SF	0.22	\$5,011
9.440	,	.	0.	Ψο,σ::
TOTAL - 111 SITE PREPARATION				\$179,540
ELEMENT - SITEWORK				
112 SITE IMPROVEMENTS				
Hardscape				
Asphaltic concrete, 3", on 8" base (truck and ramp)	19,466	SF	4.15	\$80,757
Pavement, sealer	19,466	SF	0.15	\$2,969
Concrete curb & gutter	1,210	LF	24.32	\$29,433
Concrete bus pad, 8" thick on 8" base rock	2,248	SF	13.84	\$31,108
Precast pavers, grouted	9,551	SF	9.18	\$87,680
Concrete planter curb, 6" high	280	LF	34.33	\$9,612
Concrete pedestrian ramps	69	SF	12.50	\$863
Striping crosswalks	502	LF	2.00	\$1,004
Crosswalk pavers	454	SF	11.50	\$5,221
Crosswalk striping	190	LF	3.00	\$570

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VALLEJO, CALIFORNIA				OB #: 08183.003
SCHEMATIC DESIGN ESTIMATE				E: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST
Traffic control signs on posts with pads	8	EA	475.00	\$3,800
Directional arrows	10	EA	45.00	\$450
Bus lane lettering, roadway	28	EA	40.00	\$1,120
bus faile lettering, roadway	20	LA	40.00	Ψ1,120
Softscape				
Top soil	21	CY	39.95	\$829
Planting area, including shrubs and mulch	600	SF	7.24	\$4,346
Ground cover	600	SF	0.62	\$369
Shrubs, 1 gallon	80	EA	9.56	\$765
Shrub, 5 gallon	45	EΑ	41.71	\$1,877
Tree, 24" box	8	EA	776.03	\$6,208
Maintenance of landscape 90 days	600	SF	0.44	\$265
Walliterialise of landscape so days	000	O.	0.44	Ψ200
Irrigation				
Irrigation controller	1	EA	9,500.00	\$9,500
Irrigation wiring	1	LS	500.00	\$500
Planters, system complete	600	SF	5.82	\$3,493
Miscelaneous				
Wood bench attached to steel column, 6' wide	15	EΑ	750.00	\$11,250
	5	EA	900.00	· · · · · · · · · · · · · · · · · · ·
Wood/ metal bench, 6' wide				\$4,500
Tree grate, 4'x4' wide	8	EA	325.00	\$2,600
TOTAL - 112 SITE IMPROVEMENTS				\$301,089
ELEMENT - SITEWORK				
113 SITE UTILITIES				
Storm drain system				
Storm pipe, PVC, SDR-35				
8"	500	LF	65.00	\$32,500
8" perforated	200	LF	35.00	\$7,000
10"	300	LF	80.00	\$24,000
SD Manholes, square	300		00.00	Ψ24,000
·	4	EA	2 250 00	¢12.000
Greater than 5' deep	4	EA	3,250.00	\$13,000
SD Drop Inlet, 4'x4'	0	_^	075.00	ФE 400
Greater then 4' deep	8	EA	675.00	\$5,400
SD Area Drain				*
3' drop	3	EA	325.00	\$975
SD Clean outs	12	EA	325.00	\$3,900
Point of Connection (P.O.C.)	1	EA	750.00	\$750
Fire water service				
Fire line, Class 150, PVC C-900				
8"	722	LF	65.00	\$46,930
Thrust blocks	10	EA	350.00	\$3,500
Fire Hydrant	2	EΑ	1,250.00	\$2,500
Fire Department Connection	2	EΑ	825.00	\$1,650
Post Indicator Valve	2	EA	975.00	\$1,950
Double detector check valve, 8"				
8"	2	EA	1,750.00	\$3,500

CURTOLA TRANSIT CENTER - RE-SCOPING - PLAZA AND BUS DROP OFF

CURTOLA TRANSIT CENTER - RE-SCOPING - PLAZA AND BUS DROP OFF						
VALLEJO, CALIFORNIA			OCMI JO	OB #: 08183.003		
SCHEMATIC DESIGN ESTIMATE			DATE	E: 13 JULY 2012		
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST		
				<u> </u>		

Connect to existing fire water main at site, 8"	2	Ε.Δ	E7E 00	¢1 150
8"	2	EA	575.00	\$1,150
Domestic water service				
Water line, PVC, Schedule 40				
2"	130	LF	19.88	\$2,584
3"	130	LF	28.65	\$3,725
Backflow preventor	2	EA	475.00	\$950
Thrust blocks				·
Small	6	EA	350.00	\$2,100
Electrical				
Site lighting (Without canopies)				
Site lights on 30' poles	15	EΑ	2,950.00	\$44,250
Bollard lights	24	EΑ	750.00	\$18,000
Pull boxes	15	EΑ	225.00	\$3,375
Conduit & wire	1,350	LF	18.00	\$24,300
Special Electrical				
Security				
Blue phones	4	EΑ	2,500.00	\$10,000
Cameras - Infrastructure Excluded		note	•	. ,
TOTAL -113 SITE UTILITIES				\$257,989

GENERAL SUMMARY

ELEMENT	TOTAL COST	\$/SF AREA
01 FOUNDATIONS 02 SUBSTRUCTURE		
03 SUPERSTRUCTURE		
04 EXTERIOR CLOSURE		
05 ROOFING		
06 INTERIOR CONSTRUCTION		
07 CONVEYING 08 MECHANICAL		
09 ELECTRICAL		
10 EQUIPMENT		
11 SITEWORK	\$1,314,785	\$20.92
NET DIRECT BUILDING COST	\$1,314,785	\$20.92
GENERAL CONDITIONS, OH&P	15.00% \$197,218	\$3.14
	• • • • • • • • • • • • • • • • • • • •	•
SUBTOTAL	\$1,512,003	\$24.05
DESIGN CONTINGENCY	15.00% \$226,800	\$3.61
SUBTOTAL	\$1,738,803	\$27.66
ESCALATION TO MIDPOINT, 06/2013	3.00% \$52,164	\$0.83
SUBTOTAL	¢4.700.007	#20.40
BONDS	\$1,790,967 1.50% \$26,865	\$28.49 \$0.43
DONDO	1.30 /0	Ψ0.43
TOTAL BUILDING COST	\$1,817,832	

GROSS FLOOR AREA: 62,860 SF

COST PER SQUARE FOOT: \$28.92

DETAIL SUMMARY

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Е	LEMENT	AMOUNT	TOTAL COST	\$/SF AREA	\$/SF AREA
	FOUNDATIONS			7	,
	011 Standard Foundations				
	012 Special Foundations				
02	SUBSTRUCTURE				
	021 Slab On Grade				
	022 Basement Excavation				
	023 Basement Walls				
03	SUPERSTRUCTURE				
	031 Floor & Roof Construction				
	032 Stair Construction				
04	EXTERIOR CLOSURE				
	041 Exterior Walls				
	042 Exterior Doors/Windows				
05	ROOFING				
	051 Roofing				
06	INTERIOR CONSTRUCTION				
	061 Partitions				
	062 Interior Finishes				
	063 Specialties				
	064 Interior Doors/Windows				
07	CONVEYING				
_	071 Elevators				
08	MECHANICAL				
	081 Plumbing				
	082 H.V.A.C.				
	083 Fire Protection				
-	084 Special Mechanical				
09	ELECTRICAL				
	091 Standard Electrical				
	092 Special Electrical				
10	EQUIPMENT				
	101 Fixed/Movable Equipment				
	102 Furnishings				
44	103 Special Construction		Φ4 04 4 7 0 Γ		
11	SITEWORK	£407.040	\$1,314,785	Ф0.40	\$20.92
	111 Site Preparation	\$137,940 \$578,745		\$2.19	
	112 Site Improvements	\$578,745		\$9.21 \$0.51	
	113 Site Utilities 114 Off-Site Work	\$598,100		\$9.51	
	114 Oil-Oile Work				

\$1,314,785

NET DIRECT BUILDING COST

\$20.92

CURTOLA TRANSIT CENTER - RE-SCOPING - CIRCULATION - CURTOLA + CARLSON					
VALLEJO, CALIFORNIA			OCMI JO	OB #: 08183.003	
SCHEMATIC DESIGN ESTIMATE			DATE	E: 13 JULY 2012	
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST	

ELEMENT CITEMODY				
ELEMENT - SITEWORK				
111 SITE PREPARATION Remove hardscape				
•	2 772	LF	5.06	\$14,031
Sawcut AC paving at Corloan	2,772 50	LF	5.06	· ·
Sawcut AC paving at Carlson				\$253
AC paving	6,356	SF	0.94	\$5,962 \$4,055
Base rock at AC paving	6,356	SF	0.64	\$4,055
Concrete curb and gutter	2,749	LF	3.88	\$10,660
Haul AC paving	59	CY	14.89	\$876
Haul concrete	305	CY	14.89	\$4,547
Tip Fees - AC paving and concrete	364	CY	35.00	\$12,740
Clearing and grubbing				
Remove tree, medium	8	EA	668.79	\$5,350
Remove planting/ garden	6,356	SF	2.08	\$13,206
Excavation and fill				
Overexcavation	702	CY	8.29	\$5,823
Scarify and compact top 6"	9,482	SF	0.33	\$3,167
Engineered fill	807	CY	19.49	\$15,737
Haul	807	CY	10.89	\$8,788
Disposal of dirt	807	CY	15.00	\$12,110
Disposar of ant	007	O1	10.00	Ψ12,110
Grading	40.000	0=		* 40.000
Rough grade, machine	43,800	SF	0.24	\$10,680
Fine grade, machine	45,181	SF	0.22	40 055
-	40,101	•	0.22	\$9,955
TOTAL - 111 SITE PREPARATION	40,101			\$137,940
TOTAL - 111 SITE PREPARATION	40,101			
	70,101		0.22	
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK	70,101		-	
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS	70,101		-	
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape	9,482	SF	5.86	
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street				\$137,940
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs	9,482 4,398	SF	5.86	\$137,940 \$55,604 \$25,772
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer	9,482	SF SF	5.86 5.86 0.15	\$137,940 \$55,604 \$25,772 \$2,117
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb	9,482 4,398 13,880 127	SF SF SF	5.86 5.86 0.15 14.33	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets	9,482 4,398 13,880	SF SF SF LF	5.86 5.86 0.15	\$137,940 \$55,604 \$25,772 \$2,117
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza	9,482 4,398 13,880 127 1,365	SF SF SF LF LF	5.86 5.86 0.15 14.33 28.32	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping	9,482 4,398 13,880 127 1,365	SF SF LF LF	5.86 5.86 0.15 14.33 28.32 3.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads	9,482 4,398 13,880 127 1,365 200 4	SF SF SF LF LF LF	5.86 5.86 0.15 14.33 28.32 3.00 475.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping	9,482 4,398 13,880 127 1,365	SF SF LF LF	5.86 5.86 0.15 14.33 28.32 3.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway	9,482 4,398 13,880 127 1,365 200 4	SF SF SF LF LF LF	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway Carlson Street	9,482 4,398 13,880 127 1,365 200 4 4 14	SF SF LF LF EA EA	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00 40.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180 \$560
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway Carlson Street Asphaltic concrete, 3", 8" base, 10" sub base	9,482 4,398 13,880 127 1,365 200 4 4 14	SF SF SF LF LF LF EA EA	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00 40.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180 \$560
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway Carlson Street Asphaltic concrete, 3", 8" base, 10" sub base Asphaltic concrete, 3", 8" base, 10" sub, Kiss & Ride	9,482 4,398 13,880 127 1,365 200 4 4 14	SF SF SF LF LF EA EA SF SF	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00 40.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180 \$560 \$175,456 \$27,444
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway Carlson Street Asphaltic concrete, 3", 8" base, 10" sub base Asphaltic concrete, 3", 8" base, 10" sub, Kiss & Ride Asphaltic concrete, 3", 8" base, 10" sub, Parking Bay	9,482 4,398 13,880 127 1,365 200 4 14 29,920 4,680 2,380	SF SF SF LF LF EA EA SF SF	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00 40.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180 \$560 \$175,456 \$27,444 \$13,957
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Hardscape Curtola Street Asphaltic concrete, 3", 8" base, 10" sub base Patch and repair asphalt, 3' wide at new curbs Pavement, sealer Concrete curb Concrete curb & gutter, city streets Concrete bus pad - see Plaza Drop off carpool continuous striping Traffic control signs on posts with pads Directional arrows Bus lane lettering, roadway Carlson Street Asphaltic concrete, 3", 8" base, 10" sub base Asphaltic concrete, 3", 8" base, 10" sub, Kiss & Ride	9,482 4,398 13,880 127 1,365 200 4 4 14	SF SF SF LF LF EA EA SF SF	5.86 5.86 0.15 14.33 28.32 3.00 475.00 45.00 40.00	\$137,940 \$55,604 \$25,772 \$2,117 \$1,820 \$38,663 \$600 \$1,900 \$180 \$560 \$175,456 \$27,444

CURTOLA TRANSIT CENTER - RE-SCOPING - CIRCULATION - CURTOLA + CARLSON				
VALLEJO, CALIFORNIA			OCMI JO	OB #: 08183.003
SCHEMATIC DESIGN ESTIMATE			DATE	: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST
Concrete curb & gutter, city streets	2,128	LF	28.32	\$60,275
Drop off carpool continuous striping	200	LF	3.00	\$600
Traffic control signs on posts with pads	8	EA	475.00	\$3,800
Directional arrows	16	EA	45.00	\$720
Softscape				
Top soil	444	CY	39.95	\$17,756
Planting area, including shrubs and mulch	12,000	SF	7.24	\$86,910
Ground cover	12,000	SF	0.62	\$7,380
Maintenance of landscape 90 days	12,000	SF	0.22	\$2,656
Irrigation				
Irrigation controller	1	EΑ	10,500.00	\$10,500
Irrigation wiring	1	LS	3,500.00	\$3,500
Planters, system complete	12,000	SF	2.91	\$34,935
TOTAL - 112 SITE IMPROVEMENTS				\$578,745
ELEMENT - SITEWORK				
113 SITE UTILITIES				
Electrical				
Traffic signal, Curtola Parkway, West turn in	2	EA	170,000.00	\$340,000
(Including wiring, equipment and connections)				
Street lighting				
Site lights on 30' poles	29	EΑ	4,125.00	\$119,625
Pull boxes	29	EΑ	375.00	\$10,875
Conduit & wire	5,800	LF	22.00	\$127,600

TOTAL -113 SITE UTILITIES

\$598,100

SCHEMATIC DESIGN ESTIMATE

OCMI JOB #: 08183.003 DATE: 13 JULY 2012

GENERAL SUMMARY

ELEMENT	Т	OTAL COST	\$/SF AREA
01 FOUNDATIONS			
02 SUBSTRUCTURE			
03 SUPERSTRUCTURE			
04 EXTERIOR CLOSURE 05 ROOFING			
06 INTERIOR CONSTRUCTION			
07 CONVEYING			
08 MECHANICAL			
09 ELECTRICAL			
10 EQUIPMENT		4	4
11 SITEWORK		\$719,767	\$5.38
NET DIRECT BUILDING COST		\$719,767	\$5.38
GENERAL CONDITIONS, OH&P	15.00%	\$107,965	\$0.81
SUBTOTAL	4= 000/	\$827,732	\$6.19
DESIGN CONTINGENCY	15.00%	\$124,160	\$0.93
SUBTOTAL		\$951,892	\$7.12
ESCALATION TO MIDPOINT, 06/2013	3.00%	\$28,557	\$0.21
,		· ,	<u> </u>
SUBTOTAL		\$980,449	\$7.33
BONDS	1.50%	\$14,707	\$0.11
TOTAL BUILDING COST		\$995,155	

GROSS FLOOR AREA: 133,700 SF

COST PER SQUARE FOOT: \$7.44

SCHEMATIC DESIGN ESTIMATE

DETAIL SUMMARY

TOTAL

OCMI JOB #: 08183.003

ELEMENT	AMOUNT	TOTAL COST	\$/SF AREA	\$/SF AREA
01 FOUNDATIONS				
011 Standard Foundations				
012 Special Foundations				
02 SUBSTRUCTURE				
021 Slab On Grade				
022 Basement Excavation				
023 Basement Walls				
03 SUPERSTRUCTURE				
031 Floor & Roof Construction				
032 Stair Construction				
04 EXTERIOR CLOSURE				
041 Exterior Walls				
042 Exterior Doors/Windows				
05 ROOFING				
051 Roofing				
06 INTERIOR CONSTRUCTION				
061 Partitions				
062 Interior Finishes				
063 Specialties				
064 Interior Doors/Windows				
07 CONVEYING				
071 Elevators				
08 MECHANICAL				
081 Plumbing				
082 H.V.A.C.				
083 Fire Protection				
084 Special Mechanical				
09 ELECTRICAL				
091 Standard Electrical				
092 Special Electrical				
10 EQUIPMENT				
101 Fixed/Movable Equipment				
102 Furnishings				
103 Special Construction				
11 SITEWORK		\$719,767		\$5.38
111 Site Preparation	\$30,175		\$0.23	
112 Site Improvements	\$689,592		\$5.16	
113 Site Utilities				
114 Off-Site Work				
NET DIRECT BUILDING COST		\$719,767		\$5.38

CURTOLA TRANSIT CENTER - RE-SCOPING - VALLEJO, CALIFORNIA	OF LIN LOT UP	GNAL		OB #: 08183.00
SCHEMATIC DESIGN ESTIMATE				E: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST
	Ψο/	0	011111111111111111111111111111111111111	1 2011
ELEMENT - SITEWORK				
111 SITE PREPARATION				
Clear and grub	12,420	SF	0.16	\$2,005
Strip and stock pile, 6"	12,420	SF	0.27	\$3,315
Rough grade	12,420	SF	0.13	\$1,668
Fine grade	12,420	SF	0.24	\$2,997
Excavation	430	CY	12.10	\$5,198
Haul	495	CY	15.30	\$7,567
Disposal of dirt	495	CY	15.00	\$7,425
TOTAL - 111 SITE DEEDADATION				\$30.175
TOTAL - 111 SITE PREPARATION				\$30,175
TOTAL - 111 SITE PREPARATION ELEMENT - SITEWORK				\$30,175
				\$30,175
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS				\$30,175
ELEMENT - SITEWORK	12,420	SF	4.31	\$30,175 \$53,519
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades	12,420 12,420	SF SF	4.31 0.11	
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base , Added parking Pavement, sealer	•			\$53,519
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base , Added parking Pavement, sealer Grind asphalt surface	12,420 133,700	SF	0.11	\$53,519 \$1,331 \$20,239
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base , Added parking Pavement, sealer	12,420	SF SF	0.11 0.15	\$53,519 \$1,331
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete	12,420 133,700 133,700	SF SF SF	0.11 0.15 1.80	\$53,519 \$1,331 \$20,239 \$240,015
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer	12,420 133,700 133,700 133,700 644	SF SF SF SF	0.11 0.15 1.80 0.15	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb islands	12,420 133,700 133,700 133,700	SF SF SF LF LF	0.11 0.15 1.80 0.15 14.33	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb islands Retaining wall	12,420 133,700 133,700 133,700 644 1,639	SF SF SF LF LF	0.11 0.15 1.80 0.15 14.33 14.33	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb Concrete curb islands Retaining wall Footing	12,420 133,700 133,700 133,700 644 1,639 580	SF SF SF LF LF LF	0.11 0.15 1.80 0.15 14.33 14.33 70.00	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600 \$49,300
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb Concrete curb islands Retaining wall Footing Concrete seating and features to wall	12,420 133,700 133,700 133,700 644 1,639 580 580 468	SF SF SF LF LF LF	0.11 0.15 1.80 0.15 14.33 14.33 70.00 85.00	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600 \$49,300 \$44,460
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb islands Retaining wall Footing Concrete seating and features to wall Striped parking stalls, standard white	12,420 133,700 133,700 133,700 644 1,639 580 580 468 595	SF SF SF LF LF LF LF	0.11 0.15 1.80 0.15 14.33 14.33 70.00 85.00 95.00 13.43	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600 \$49,300 \$44,460 \$7,994
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb islands Retaining wall Footing Concrete seating and features to wall Striped parking stalls, standard white Striping, white cross hatch	12,420 133,700 133,700 133,700 644 1,639 580 580 468	SF SF SF LF LF LF LF LF	0.11 0.15 1.80 0.15 14.33 14.33 70.00 85.00 95.00 13.43 1.50	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600 \$49,300 \$44,460 \$7,994 \$900
ELEMENT - SITEWORK 112 SITE IMPROVEMENTS Existing open lot upgrades Asphaltic concrete, 3", on 8" base, Added parking Pavement, sealer Grind asphalt surface Pavement, 2" asphaltic concrete Pavement, sealer Concrete curb Concrete curb islands Retaining wall Footing Concrete seating and features to wall Striped parking stalls, standard white	12,420 133,700 133,700 133,700 644 1,639 580 580 468 595 600	SF SF SF LF LF LF LF	0.11 0.15 1.80 0.15 14.33 14.33 70.00 85.00 95.00 13.43	\$53,519 \$1,331 \$20,239 \$240,015 \$20,390 \$9,228 \$23,486 \$40,600 \$49,300 \$44,460 \$7,994

48

30

30

2,250

360

4,500

EΑ

EΑ

SF

EΑ

EΑ

LF

375.00

2,950.00

225.00

18.00

17.50

2.75

TOTAL - 112	SITE I	MPROV	EMENTS

Site lights on 30' poles

Trees

Electrical

Shrubs

Irrigation

Site lighting

Pull boxes

Conduit & wire

\$689,592

\$18,000

\$6,300

\$12,375

\$88,500

\$6,750

\$40,500

SCHEMATIC DESIGN ESTIMATE

TOTAL BUILDING COST

OCMI JOB #: 08183.003 DATE: 13 JULY 2012

GENERAL SUMMARY

ELEMENT		TOTAL COST	\$/SF AREA
01 FOUNDATIONS 02 SUBSTRUCTURE		\$104,775	\$7.24
03 SUPERSTRUCTURE 04 EXTERIOR CLOSURE		\$624,100	\$43.13
05 ROOFING 06 INTERIOR CONSTRUCTION 07 CONVEYING 08 MECHANICAL		\$427,803	\$29.56
09 ELECTRICAL 10 EQUIPMENT 11 SITEWORK	_	\$144,328	\$9.97
NET DIRECT BUILDING COST		\$1,301,006	\$89.90
GENERAL CONDITIONS, OH&P	15.00% _	\$195,151	\$13.49
SUBTOTAL		\$1,496,157	\$103.39
DESIGN CONTINGENCY	15.00% _	\$224,424	\$15.51
SUBTOTAL		\$1,720,580	\$118.90
ESCALATION TO MIDPOINT, 06/2013	3.00% _	\$51,617	\$3.57
SUBTOTAL		\$1,772,198	\$122.47
BONDS	1.50% _	\$26,583	\$1.84

\$1,798,781

GROSS FLOOR AREA: 14,471 SF

COST PER SQUARE FOOT: \$124.30

DETAIL SUMMARY

1	TOTAL \$/SF AREA	\$/SF AREA	TOTAL COST	AMOUNT	LEMENT
012 Special Foundations 02 SUBSTRUCTURE 021 Slab On Grade 022 Basement Excavation 023 Basement Walls 33 SUPERSTRUCTURE 031 Floor & Roof Construction 032 Stair Construction 032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 05 ROOFING 061 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical \$67,028 \$4.63 092 Special Electrical \$77,300 \$5.34 I SITEWORK 111 Site Preparation 112 Site Utilities	\$7.24		\$104,775		FOUNDATIONS
O2 SUBSTRUCTURE		\$7.24		\$104,775	011 Standard Foundations
021 Slab On Grade 022 Basement Excavation 023 Basement Walls 03 SUPERSTRUCTURE 031 Floor & Roof Construction \$624,100 \$43.13 032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 05 ROOFING 061 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 103 Fundament 104 Equipment 105 Fundament 105 Fundament 107 Equipment 107 Fundament 108 Fundament 109 Fundament 10					012 Special Foundations
022 Basement Excavation 023 Basement Walls 03 SUPERSTRUCTURE 031 Floor & Roof Construction 032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 Roofing 061 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 093 Special Electrical 094 Special Construction 105 FROOFING 107 Elevators 107 Elevators 108 Special Electrical 109 ELECTRICAL 109 Special Electrical 109 ELECTRICAL 109 Special Electrical 109 Special Electrical 100 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 115 SITEWORK 111 Site Unprovements 113 Site Utilities					SUBSTRUCTURE
023 Basement Walls 03 SUPERSTRUCTURE 031 Floor & Roof Construction 032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 Roofing 051 Roofing 052 Interior Finishes 063 Specialties 064 Interior Doors/Windows 06 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 093 Special Electrical 094 Special Electrical 095 Special Electrical 095 ELECTRICAL 097 Special Electrical 095 Special Electrical 096 Special Electrical 097 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Utilities					021 Slab On Grade
03 SUPERSTRUCTURE					022 Basement Excavation
031 Floor & Roof Construction 032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 ROOFING 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 105 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Utilities					023 Basement Walls
032 Stair Construction 04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 Roofing \$427,803 \$29.56 06 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities	\$43.13		\$624,100		SUPERSTRUCTURE
04 EXTERIOR CLOSURE 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING \$427,803 051 Roofing \$427,803 061 Partitions 062 Interior Finishes 063 Specialties 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL \$144,328 091 Standard Electrical \$67,028 \$4.63 092 Special Electrical \$77,300 \$5.34 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities		\$43.13		\$624,100	031 Floor & Roof Construction
041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 Roofing \$427,803 \$29.56 66 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 77 CONVEYING 071 Elevators 88 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 99 ELECTRICAL 091 Standard Electrical 092 Special Electrical 105 FQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 111 Site Uniform Site Utilities 113 Site Utilities					032 Stair Construction
042 Exterior Doors/Windows \$427,803 \$427,803 \$29.56					EXTERIOR CLOSURE
05 ROOFING \$427,803 \$29.56 06 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 063 Interior Doors/Windows 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 081 Plumbing 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical \$144,328 09 ELECTRICAL \$144,328 091 Standard Electrical \$67,028 \$4.63 092 Special Electrical \$77,300 \$5.34 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 111 Site Improvements 113 Site Utilities					041 Exterior Walls
051 Roofing					
06 INTERIOR CONSTRUCTION 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 105 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Improvements 113 Site Utilities	\$29.56		\$427,803		ROOFING
061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 992 Special Electrical 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Proparation 112 Site Improvements 113 Site Utilities		\$29.56		\$427,803	
062 Interior Finishes 063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 Fixed/Movable Equipment 105 Furnishings 105 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					INTERIOR CONSTRUCTION
063 Specialties 064 Interior Doors/Windows 07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 FQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					061 Partitions
07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 Fixed/Movable Equipment 105 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					062 Interior Finishes
07 CONVEYING 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 99 Special Electrical 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					063 Specialties
071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 105 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					
08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 105 Furnishings 106 Furnishings 107 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					CONVEYING
081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					
082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 EQUIPMENT 104 Fixed/Movable Equipment 105 Furnishings 106 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					MECHANICAL
083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 EQUIPMENT 104 Fixed/Movable Equipment 105 Furnishings 106 Special Construction 115 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					081 Plumbing
084 Special Mechanical 99 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 EQUIPMENT 105 Furnishings 105 Special Construction 115 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities \$144,328 \$4.63 \$77,300 \$5.34					082 H.V.A.C.
09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 104 EQUIPMENT 105 Furnishings 106 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					083 Fire Protection
091 Standard Electrical \$67,028 \$4.63 092 Special Electrical \$77,300 \$5.34 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					
092 Special Electrical \$77,300 \$5.34 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities	\$9.97		\$144,328		ELECTRICAL
10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities		\$4.63		\$67,028	091 Standard Electrical
101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities		\$5.34		\$77,300	
102 Furnishings 103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					EQUIPMENT
103 Special Construction 11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					101 Fixed/Movable Equipment
11 SITEWORK 111 Site Preparation 112 Site Improvements 113 Site Utilities					102 Furnishings
111 Site Preparation 112 Site Improvements 113 Site Utilities					
112 Site Improvements 113 Site Utilities					
113 Site Utilities					•
					· · · · · · · · · · · · · · · · · · ·
114 Off-Site Work					
					114 Off-Site Work
NET DIRECT BUILDING COST \$1,301,006	\$89.90		\$1.301.006		NET DIRECT BUILDING COST

OCMI JOB #: 08183.003

CURTOLA TRANSIT CENTER - RE-SCOPING - PL/	AZA CANO	PY		
VALLEJO, CALIFORNIA			OCMI J	OB #: 08183.003
SCHEMATIC DESIGN ESTIMATE			DATI	E: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST
ELEMENT FOUNDATIONS				
ELEMENT - FOUNDATIONS 011 STANDARD FOUNDATIONS				
Pad footings				
Canopy column pads	168	CY	523.87	\$88,011
Feature column footings	32	CY	523.87	\$16,764
TOTAL - 011 STANDARD FOUNDATIONS				\$104,775
ELEMENT - SUPERSTRUCTURE 031 FLOOR & ROOF CONSTRUCTION				
Canopy structure				
Steelwork	106	TON	4,659.04	\$493,858
Pylon column features				
Precast concrete pylon, cylinder, 42' high (2 EA)	84	LF	245.00	\$20,580
Feature column cladding				
Composite aluminum panel cladding, circular	465	SF	90.00	\$41,851
Custom perforated and painted aluminum cladding, circular	63	SF	85.00	\$5,341
Support framing	528	SF	30.00	\$15,836
Support cable	800	LF	15.00	\$12,000
Connections for support cable	12	EA	395.00	\$4,740
Column bases to canopy				
Concrete support column, 1.5'x3' wide				
Formwork	756	SF	12.50	\$9,447
Concrete	49	CY	198.80	\$9,741
Rebar	7,350	LB	1.46	\$10,706
TOTAL - 031 FLOOR & ROOF CONSTRUCTION				\$624,100
ELEMENT - ROOFING				
051 ROOFING				
Roofing				
Standing seam metal roof	14,471	SF	14.58	\$210,980
Flashing	1,657	LF	8.83	\$14,633
Fascia panel, prefinished	1,657	LF	26.43	\$43,796
Skylight	2,000	SF	61.74	\$123,470
Downspout	850	LF	15.54	\$13,208
Cuttor	042	 [22.05	\$10,200 \$21,716

TOTAL - 051 ROOFING				\$427,803
ELEMENT - ELECTRICAL 091 STANDARD ELECTRICAL				
Lighting				
Fixtures	145	EA	375.00	\$54,375
Junction boxes	15	EA	45.00	\$675
Conduit and wiring	1,597	LF	7.50	\$11,978

942

LF

23.05

Gutter

\$21,716

CURTOLA TRANSIT CENTER - RE-SCOPING - PLAZA CANOPY				
VALLEJO, CALIFORNIA			OCMI J	OB #: 08183.003
SCHEMATIC DESIGN ESTIMATE			DATI	E: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST

DEGCKII TICIA	QUANTITI	OIII	ONII KAIL	LOTIMATED COOL
TOTAL - 091 STANDARD ELECTRICAL				\$67,028
TOTAL - 091 STANDARD ELECTRICAL				φ07,028
ELEMENT - ELECTRICAL				
092 SPECIAL ELECTRICAL				
Security Phones				
Code blue phone system	3	EA	6,500.00	\$19,500
Security monitoring				
CCTV Main station	1	EA	2,500.00	\$2,500
Security cameras	14	EΑ	3,200.00	\$44,800
Conduit and wiring	1,400	LF	7.50	\$10,500
TOTAL - 092 SPECIAL ELECTRICAL				\$77,300

CURTOLA TRANSIT CENTER - RE-SCOPING - LEMON STREET LOT UPGRADES

VALLEJO, CALIFORNIA

SCHEMATIC DESIGN ESTIMATE DATE: 13 JULY 2012

GENERAL SUMMARY

ELEMENT	1	TOTAL COST	\$/SF AREA
01 FOUNDATIONS			
02 SUBSTRUCTURE			
03 SUPERSTRUCTURE 04 EXTERIOR CLOSURE			
05 ROOFING			
06 INTERIOR CONSTRUCTION			
07 CONVEYING			
08 MECHANICAL			
09 ELECTRICAL 10 EQUIPMENT			
11 SITEWORK		\$141,398	\$4.95
NET DIRECT BUILDING COST	4= 000/	\$141,398	\$4.95
GENERAL CONDITIONS, OH&P	15.00%	\$21,210	\$0.74
SUBTOTAL		\$162,608	\$5.69
DESIGN CONTINGENCY	15.00%	\$24,391	\$0.85
CLIDTOTAL		# 400.000	Φ0.55
SUBTOTAL ESCALATION TO MIDPOINT, 06/2013	3.00%	\$186,999 \$5,610	\$6.55 \$0.20
ESCALATION TO MIDPOINT, 00/2013	3.00%	φ5,610	φυ.20
SUBTOTAL		\$192,609	\$6.74
BONDS	1.50%	\$2,889	\$0.10
TOTAL BUILDING COST		\$195,498	

GROSS FLOOR AREA: 28,568 SF

COST PER SQUARE FOOT: \$6.84

OCMI JOB #: 08183.003

CURTOLA TRANSIT CENTER - RE-SCOPING - LEMON STREET LOT UPGRADES VALLEJO, CALIFORNIA OCMI JOB #: 08183.003

SCHEMATIC DESIGN ESTIMATE

DETAIL SUMMARY

TOTAL ELEMENT AMOUNT TOTAL COST \$/SF AREA \$/SF AREA 01 FOUNDATIONS 011 Standard Foundations 012 Special Foundations **02 SUBSTRUCTURE** 021 Slab On Grade 022 Basement Excavation 023 Basement Walls 03 SUPERSTRUCTURE 031 Floor & Roof Construction 032 Stair Construction **04 EXTERIOR CLOSURE** 041 Exterior Walls 042 Exterior Doors/Windows 05 ROOFING 051 Roofing **06 INTERIOR CONSTRUCTION** 061 Partitions 062 Interior Finishes 063 Specialties 064 Interior Doors/Windows **07 CONVEYING** 071 Elevators 08 MECHANICAL 081 Plumbing 082 H.V.A.C. 083 Fire Protection 084 Special Mechanical 09 ELECTRICAL 091 Standard Electrical 092 Special Electrical 10 EQUIPMENT 101 Fixed/Movable Equipment 102 Furnishings 103 Special Construction 11 SITEWORK \$141,398 \$4.95 111 Site Preparation \$105,198 \$3.68 112 Site Improvements 113 Site Utilities \$36,200 \$1.27 114 Off-Site Work

\$141,398

Prepared by: O'Connor Construction Management, Inc.

NET DIRECT BUILDING COST

\$4.95

CURTOLA TRANSIT CENTER - RE-SCOPING - LEMON STREET LOT UPGRADES				
VALLEJO, CALIFORNIA			OCMI JO	OB #: 08183.003
SCHEMATIC DESIGN ESTIMATE			DATE	E: 13 JULY 2012
DESCRIPTION	QUANTITY	UNIT	UNIT RATE	ESTIMATED COST

ELEMENT - SITEWORK				
112 SITE IMPROVEMENTS				
Existing open lot upgrades				
Grind asphalt surface	28,568	SF	0.65	\$18,609
Remove old curbs	180	LF	5.00	\$900
Pavement, 2" asphaltic concrete	28,568	SF	1.80	\$51,285
Pavement, sealer	28,568	SF	0.15	\$4,357
Concrete curb islands	200	LF	14.33	\$2,866
Parking bumper block, precast 3'	88	EΑ	41.53	\$3,654
Striped parking stalls, standard white	88	EΑ	13.43	\$1,182
Handicap striping, blue cross hatch	150	LF	1.50	\$225
Disabled paint symbol at stalls	4	EΑ	60.00	\$240
Disabled sign on post with pad	4	EΑ	425.00	\$1,700
Directional arrows	4	EA	45.00	\$180
Landscaping, ALLOWANCE	1	LS	20,000.00	\$20,000
TOTAL - 112 SITE IMPROVEMENTS				\$105,198
ELEMENT - SITEWORK				
113 SITE UTILITIES				
Electrical				
Site lighting				
Site lights on 30' poles	8	EΑ	2,950.00	\$23,600
Pull boxes	8	EΑ	225.00	\$1,800
Conduit & wire	600	LF	18.00	\$10,800
TOTAL -113 SITE UTILITIES				\$36,200