## Probable Cost Estimate Outdoor Dining Preliminary Plan City of Manhattan Beach

	Phase A	Phase B Phase C		Phase D	Phase E Phase F		Phase G	Phase H Phase I		Phase J Phase K		MIG Totals	City's ROM Totals
	Manhattan Ave at 12th	North Side of MBB from S	South Side of MBB	West Side of	East Side of Manhattan	West Side of	Highland Ave from	North Side of MBB	North Highland at 38th	North Highland from	North Highland from	ALL AREAS	ALL AREAS
	Street		rom The Strand to	Manhattan Ave from	Ave from 10th to 9th	Manhattan Ave at 9th	12th PI to Center PI fro			Rosecrans to 36th	35th to 33rd		ADJUSTED
ITEM DESCRIPTION UNIT UNIT PRICE	QUANTITY TOTAL	· ·	Manhattan Ave JANTITY TOTAL	11th to 10th QUANTITY TOTAL	QUANTITY TOTAL	QUANTITY TOTAL	QUANTITY TOTAL QI	Morningside Dr UANTITY TOTAL	QUANTITY TOTAL	QUANTITY TOTAL	QUANTITY TOTAL	TOTAL	TOTAL
1 Mobilization (10%)  LS	1 \$40,600	1 \$89,600	1 \$92,400	1 \$45,500	1 \$19,600	1 \$21,700	1 \$21,000	1 \$85,400	1 \$9,100	1 \$46,200	1 \$23,800	\$494,900	\$375,000
2 Traffic Control & Public Notification (10%) LS	1 \$26,500	1 \$58,500	1 \$60,000	1 \$29,500	1 \$12,500	1 \$14,000	1 \$13,500	1 \$55,500	1 \$6,000	1 \$30,000	1 \$15,500	\$321,500	\$187,500
3 Survey & Monument Preservation ALLOW \$35,0	00 0.66 \$11,550	0 1 \$17,500	1 \$17,500	0.66 \$11,550	0.33 \$5,775	0.33 \$5,775	0.33 \$5,775	1 \$17,500	0.33 \$5,775	0.66 \$11,550	0.33 \$5,775	\$116,025	\$93,750
4 SWPPP Preparation and Implementation ALLOW \$50,0		0 1 \$50,000	1 \$50,000	0.66 \$33,000	0.33 \$16,500	0.33 \$16,500	0.33 \$16,500	1 \$50,000	0.33 \$16,500	0.66 \$33,000	0.33 \$16,500	\$331,500	\$250,000
5 Construction Access (Temporary Pedestrian Pathway and Fencing) ALLOW \$100,0		0 1 \$56,561	1 \$56,561	0.66 \$37,330	0.33 \$18,665	0.33 \$18,665	0.33 \$18,665	1 \$56,561	0.33 \$18,665	0.66 \$37,330	0.33 \$18,665	\$375,000	\$375,000
6 Demolition and Disposal (Concrete, Curb, and Asphalt) SF 7 Allowance for Excavation and Haul and Import ALLOW \$25,0	\$6 5600 \$33,600 00 0.33 \$8,250	0 11400 \$68,400 0 0.66 \$16,500	11850 \$71,100 0.66 \$16,500	6170 \$37,020 0 \$0	2030 \$12,180	2460 \$14,760	2520 \$15,120 0.33 \$8,250	11950 \$71,700 0.66 \$16,500	910 \$5,460	5330 \$31,980 0 0.66 \$16,500	2510 \$15,060 0 0.33 \$8,250	\$376,380 \$90,750	\$330,804 \$90,750
8 Misc. Removal of Structures and Obstructions ALLOW \$10,0	<b></b>	0 1 \$10,000	1 \$10,000	0.66 \$6,600	0.33 \$3,300	0.33 \$3,300	0.33 \$3,300	1 \$10,000	0.33 \$3,300	0.66 \$6,600	0.33 \$3,300	\$90,750 \$66,300	\$90,750 \$66,300
9 Building Façade Modifications for Cut/Fill Dining Areas ALLOW \$40,0		0 0.66 \$26,400	0.66 \$26,400	0 \$0	0 \$0	0 \$0	0.33 \$13,200	0.66 \$26,400	0 \$0	0.66 \$26,400	0.33 \$13,200	\$145,200	\$145,200
10 Utility Adjustment Allowance for Dining Areas Below Grade ALLOW \$25,0	<mark>00</mark> 0 \$0	1 \$25,000	1 \$25,000	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0.5 \$12,500	0 \$0	\$62,500	\$62,500
11 Water Meter Relocation EA \$5,0	00 1 \$5,000	0 4 \$20,000	6 \$30,000	0 \$0	0 \$0	0 \$0	1 \$5,000	7 \$35,000	0 \$0	1 \$5,000	0 \$0	\$100,000	\$180,000
12 Water Valve Box Adjustment EA \$2,0		0 \$0	1 \$2,000	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	\$2,000	\$20,000
13 Gas Valve Adjustment EA \$2,0		0 \$0	1 \$2,000	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	1 \$2,000	0 \$0	\$4,000	\$0
14 Fire Hydrant Relocation EA \$20,0		0 1 \$20,000 0 \$0	1 \$20,000	0 \$0	0 \$0	0 \$0	0 \$0 0 \$0	1 \$20,000	0 \$0	1 \$20,000	0 \$0	\$80,000	\$100,000
15         Adjust Cleanout to Grade         EA         \$7           16         Adjust Drainage Structure / MH         EA         \$2,5		0 \$0	0 \$0 0 \$0	0 \$0 0 \$0	0 \$0 0 \$0	0 \$0 0 \$0	0 \$0	1 \$750 0 \$0	0 \$0	) 0 \$0 ) 1 \$2,500	1	\$1,500 \$5,000	
17 Curb Discharge Extension/Adjustment EA \$7		0 \$0	1 \$750	0 \$0	0 \$0	0 \$0	0 \$0	5 \$3,750	0 \$0	3 \$2,250	2 \$1,500	\$8,250	
18 Catch Basin Structure EA \$15,0		5 \$75,000	2 \$30,000	2 \$30,000	0 \$0	1 \$15,000	0 \$0	2 \$30,000	0 \$0	1 \$15,000	1 \$15,000	\$210,000	\$300,000
19 Storm Pipe LF \$1		190 \$34,200	20 \$3,600	20 \$3,600	0 \$0	5 \$900	0 \$0	20 \$3,600	0 \$0	5 \$900	0 \$0	\$46,800	
20 Storm Connect to Existing EA \$1,0	00 0 \$0	4 \$4,000	2 \$2,000	2 \$2,000	0 \$0	1 \$1,000	0 \$0	2 \$2,000	0 \$0	1 \$1,000	0 \$0	\$12,000	
21 Curb and Gutter/Vertical Curb LF \$	55 250 \$13,750	520 \$28,600	620 \$34,100	330 \$18,150	50 \$2,750	130 \$7,150	160 \$8,800	510 \$28,050	80 \$4,400	420 \$23,100	180 \$9,900	\$178,750	\$132,563
22 Concrete Sidewalk SF \$	2000 401,000	5930 \$88,950	7480 \$112,200	3820 \$57,300	1290 \$19,350	1320 \$19,800	1010 \$15,150	7760 \$116,400	510 \$7,650	2760 \$41,400	1580 \$23,700	\$539,850	\$570,550
23 ADA-Compliant Curb Ramp EA \$7,5		9 \$67,500	10 \$75,000	5 \$37,500	3 \$22,500	2 \$15,000	4 \$30,000	4 \$30,000	1 \$7,500	4 \$30,000	4 \$30,000	\$397,500	\$390,000
24 ADA-Compliant Companion Curb Ramp (Includes Removal) EA \$10,0 25 Asphalt Payement SF \$		0 \$0	0 \$0	0 \$0	0 \$0	1 \$10,000	0 \$0	4 \$40,000	1 \$10,000	2 \$20,000	3 \$30,000	\$120,000	#20 C20
25 Asphalt Pavement SF \$  26 Concrete Roadway SF \$	,	0 3060 \$55,080 0 420 \$10,500	2740 \$49,320 270 \$6,750	1130 \$20,340 260 \$6,500	450 \$8,100	600 \$10,800	450 \$8,100 670 \$16,750	2160 \$38,880 130 \$3,250	150 \$2,700	1150 \$20,700	0 450 \$8,100	\$244,800 \$54,500	\$30,630 \$19,750
27 Decorative Crosswalk SF \$	45 600 \$27,000	780 \$35,100	410 \$18,450	230 \$10,350	0 \$0	0 \$0	0 \$0	410 \$18,450	0 \$0	260 \$11,700	0 \$0	\$121,050	\$420,000
28 Pedestrian Light Relocation EA \$11,1		2 \$22,200	4 \$44,400	3 \$33,300	2 \$22,200	2 \$22,200	2 \$22,200	3 \$33,300	0 \$0	0 \$0	0 \$0	\$210,900	\$190,000
29 Street Light Relocation EA \$11,1	00 2 \$22,200	2 \$22,200	4 \$44,400	2 \$22,200	0 \$0	0 \$0	0 \$0	2 \$22,200	0 \$0	0 \$0	0 \$0	\$133,200	\$195,000
30 Handhole Relocation EA \$2,5	00 0 \$0	5 \$12,500	5 \$12,500	0 \$0	0 \$0	0 \$0	0 \$0	1 \$2,500	0 \$0	4 \$10,000	0 \$0	\$37,500	
31 Utility Vault Relocation EA \$15,0		0 \$0	1 \$15,000	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	1 \$15,000	\$30,000	
32 RRFB Relocation EA \$9,0		0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	1 \$0	0 \$0	1 \$9,000	2 \$18,000	\$27,000	
33 Channelization and Parking Striping ALLOW \$5,0			1 \$5,000	0.66 \$3,300	0.33 \$1,650	0.33 \$1,650	0.33 \$1,650	1 \$5,000	0.33 \$1,650	0.66 \$3,300	4	\$33,150	\$40,000
34         Signage         ALLOW         \$1,5           35         Banner Support Pole Relocation         ALLOW         \$10,0		5 0.66 \$990 0 0 \$0	1 \$1,500 0 \$0	0.66 \$990 0 \$0	0.33 \$495	0.33 \$495 1 \$10,000	0.33 \$495 0 \$0	0.66 \$990 0 \$0	0.33 \$495	0.66 \$990	0.66 \$990	\$8,925 \$10,000	\$18,750
36 Parking Meter Removal and Kiosk ALLOW	\$0 0.5 \$0	1 \$0	0 \$0 1 \$0	0.5 \$0	0.5 \$0	0.1 \$0	0.1 \$0	0 \$0 1 \$0	0 \$(	0.1 \$0	0 \$0	\$10,000 \$0	
37 Vehicle Loop Detectors Adjustment EA \$1,5	in a communication and a communication in the commu	1 \$1,500	2 \$3,000	0.0 \$0	0 \$0	0 \$0	0 \$0	1 \$1.500	0 \$0	1 \$1.500	0 \$0	\$7.500	
38 Pedestrian Signal Pole EA \$2,2		0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	2 \$4,400	0 \$0	2 \$4,400	1 \$2,200	\$11,000	
39 Pedestrian Push Button Assemblies EA \$2,5	<mark>00</mark> 0 \$0	2 \$5,000	2 \$5,000	0 \$0	0 \$0	0 \$0	0 \$0	2 \$5,000	0 \$0	2 \$5,000	1 \$2,500	\$22,500	
40 Remove Street Tree EA \$1,5		0 13 \$19,500	16 \$24,000	7 \$10,500	3 \$4,500	2 \$3,000	4 \$6,000	16 \$24,000	0 \$0	7 \$10,500	0 \$0	\$111,000	\$110,000
41 Remove and Replace Electrical Outlets and Distribution to Street Trees ALLOW \$25,0		0 1 \$25,000	1 \$25,000	0.5 \$12,500	0 \$0	0 \$0	0 \$0	1 \$25,000	0 \$0	0 \$0	0 \$0	\$100,000	\$100,000
42 Street Trees with Grates, Landscaping, and Irrigation ALLOW \$72,0		1 \$72,000	1 \$72,000	0.66 \$47,520	0.33 \$23,760	0.33 \$23,760	0.33 \$23,760	1 \$72,000	0 \$0	0.33 \$23,760	0 \$0	\$406,080	\$406,080
43         Amenity Areas - Small         EA         \$6,5           44         Amenity Areas - Medium         EA         \$14.0		1 \$6,500	1 \$6,500 3 \$42,000	1 \$6,500 2 \$28,000	0 \$0 1 \$14,000	U \$0	U \$0	4 \$26,000 3 \$42,000	U \$(	1 \$6,500 1 \$14,000	1 \$6,500	\$58,500 \$154,000	\$58,500 \$154,440
44         Amenity Areas - Medium         EA         \$14,0           45         Amenity Areas - Large         EA         \$20,0		0 1 \$14,000 0 1 \$20,000	3 \$42,000 1 \$20,000	2 \$28,000 1 \$20,000	1 \$14,000	0 \$0 1 \$20,000	0 \$0	3 \$42,000 1 \$20,000	0 ¢r	) 1 \$14,000 0 ¢0	0 \$0	\$154,000 \$120,000	\$154,440 \$120,000
46 Dining Area with Cut Retaining Wall and Railing EA \$30,0		2 \$60,000	2.5 \$75,000	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	1 \$30,000	0 \$0	\$120,000 \$165,000	\$120,000 \$165,000
47 Dining Area with Fill Retaining Wall and Railing EA \$30,0		1 \$30,000	1.5 \$45,000	0 \$0	0 \$0	0 \$0	0 \$0	2 \$60,000	0 \$0	2 \$60,000	0 \$0	\$195,000	\$195,000
48 Dining Area with Perimeter Curb and Railing EA \$14,0	00 2.5 \$35,000	2 \$28,000	0 \$0	0 \$0	0 \$0	0 \$0	2 \$28,000	4 \$56,000	0 \$0	0 \$0	2 \$28,000	\$175,000	\$175,000
49 Dining Area with Perimeter Railing EA \$10,0			1 \$10,000	4 \$40,000	2 \$20,000	3 \$30,000		0 \$0	1 \$10,000		1 \$10,000	\$145,000	\$195,000
SUBTOTAL CONSTRUCTION COS			\$1,261,931	\$611,050	\$247,825	\$285,455		\$1,159,581	\$109,19			\$6,667,310	\$6,263,067
DESIGN CONTINGENCY (30		\$366,534	\$378,579	\$183,315	\$74,348	\$85,637	\$84,365	\$347,874	\$32,759	\$187,968	4	\$2,000,193	\$1,878,920
TOTAL CONSTRUCTION COSTS, Rounded to nearest \$10			\$1,641,000 \$165,000	\$795,000 \$80,000	\$323,000 \$32,000	\$372,000		\$1,508,000 \$151,000	\$142,000 \$15,000		L L	\$8,668,000 \$873,000	\$8,142,000 \$814,200
ENGINEERING DESIGN (10 PERMITTING (5	· 1		\$165,000 \$83,000	\$80,000 \$40,000	\$33,000 \$17,000	\$38,000 \$19,000	\$37,000 \$19,000	\$151,000 \$76,000	\$15,000 \$8,000		· <b>4</b> ···································	\$873,000 \$440,000	\$814,200 \$407,100
CONSTRUCTION MANGEMENT AND INSPECTION (10	- 1		\$83,000 \$165,000	\$40,000 \$80,000	\$17,000 \$33,000	\$19,000 \$38,000	\$19,000	\$76,000 \$151,000	\$15,000		4	\$440,000 \$873,000	\$407,100 \$814,200
SUBTOT			\$2,054,000	\$995,000	\$406,000	\$467,000	\$459,000	\$1,886,000	\$180,000		4	\$10,854,000	\$10,177,500
MANAGEMENT RESERVE / BUDGET CONTINGENCY (20		\$397,400	\$410,800	\$199,000	\$81,200	\$93,400	\$91,800	\$377,200	\$36,000		4	\$2,180,000	\$2,040,000
TOTAL COST, INCLUDING CONTINGENCE			\$2,464,800	\$1,194,000	\$487,200	\$560,400		\$2,263,200	\$216,000			\$13,034,000	\$12,217,500
		•					•	•	Cost Estim	ate, less 15% (per AACEI Gui	idance for Class IV Estimate)	\$11,080,000	

Cost Estimate, less 15% (per AACEI Guidance for Class IV Estimate) \$11,080,000

Cost Estimate, plus 25% (per AACEI Guidance for Class IV Estimate) \$16,300,000

Cost per Square Foot \$175 to \$260 per Sq. Ft.