

**ROUGH ORDER OF MAGNITUDE COST ESTIMATE
OUTDOOR DINING CONCEPTUAL PLAN
CITY OF MANHATTAN BEACH**

ITEM	DESCRIPTION	UNIT	UNIT PRICE	DOWNTOWN MBB EAST		DOWNTOWN MBB WEST "B"		DOWNTOWN MANHATTAN AVE NORTH		DOWNTOWN MANHATTAN AVE SOUTH		DOWNTOWN HIGHLAND AVE NORTH		NORTH END HIGHLAND AVE		PROJECT TOTAL
				QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	
1	Project Mobilization, Demobilization, Cleanup, and SWPPP	LS	\$100,000	0.75	\$75,000	1	\$100,000	0.25	\$25,000	0.75	\$75,000	0.5	\$50,000	0.5	\$50,000	\$375,000
2	Survey & Monument Preservation	LS	\$25,000	0.75	\$18,750	1	\$25,000	0.25	\$6,250	0.75	\$18,750	0.5	\$12,500	0.5	\$12,500	\$93,750
3	Traffic Control & Public Notification	LS	\$50,000	0.75	\$37,500	1	\$50,000	0.25	\$12,500	0.75	\$37,500	0.5	\$25,000	0.5	\$25,000	\$187,500
4	Construction Access (Tempoary Pedestrian Pathway)	LS	\$100,000	0.75	\$75,000	1	\$100,000	0.25	\$25,000	0.75	\$75,000	0.5	\$50,000	0.5	\$50,000	\$375,000
5	Demolition and Disposal (Concrete and Asphalt)	SF	\$6	7697	\$46,182	20078	\$120,468	3824	\$22,944	8900	\$53,400	9435	\$56,610	5200	\$31,200	\$330,804
6	Water Meter Relocation	EA	\$5,000	4	\$20,000	14	\$70,000	2	\$10,000	9	\$45,000	3	\$15,000	4	\$20,000	\$180,000
7	Water Valve Relocation	EA	\$10,000	0	\$0	1	\$10,000	0	\$0	0	\$0	0	\$0	1	\$10,000	\$20,000
8	Fire Hydrant Relocation	EA	\$20,000	0	\$0	3	\$60,000	0	\$0	0	\$0	0	\$0	2	\$40,000	\$100,000
9	Catch Basin Construction	EA	\$25,000	2	\$50,000	6	\$150,000	0	\$0	3	\$75,000	0	\$0	1	\$25,000	\$300,000
10	Curb and Gutter	LF	\$44	350	\$15,313	1068	\$46,725	159	\$6,956	568	\$24,850	290	\$12,688	595	\$26,031	\$132,563
11	Concrete Sidewalk	SF	\$13	5375	\$67,188	16403	\$205,038	3121	\$39,013	6935	\$86,688	8730	\$109,125	5080	\$63,500	\$570,550
12	ADA-Compliant Curb Ramp	EA	\$7,500	8	\$60,000	14	\$105,000	3	\$22,500	8	\$60,000	6	\$45,000	13	\$97,500	\$390,000
13	Asphalt Pavement	SF	\$5	1738	\$8,690	3119	\$15,595	403	\$2,015	651	\$3,255	215	\$1,075	0	\$0	\$30,630
14	Concrete Roadway	SF	\$25	0	\$0	0	\$0	300	\$7,500	0	\$0	490	\$12,250	0	\$0	\$19,750
15	Decorative Crosswalk (2-lane)	EA	\$20,000	2	\$40,000	2	\$40,000	2	\$40,000	3	\$60,000	3	\$60,000	0	\$0	\$240,000
16	Decorative Crosswalk (4-lane)	EA	\$30,000	2	\$60,000	4	\$120,000	0	\$0	0	\$0	0	\$0	0	\$0	\$180,000
17	Sidewalk Light	EA	\$10,000	2	\$20,000	6	\$60,000	2	\$20,000	6	\$60,000	3	\$30,000	0	\$0	\$190,000
18	Roadway Light	EA	\$15,000	1	\$15,000	4	\$60,000	1	\$15,000	3	\$45,000	1	\$15,000	3	\$45,000	\$195,000
19	Roadway Striping	LS	\$10,000	0.5	\$5,000	1	\$10,000	0.25	\$2,500	1.5	\$15,000	0.25	\$2,500	0.5	\$5,000	\$40,000
20	Signage	LS	\$5,000	0.75	\$3,750	1	\$5,000	0.25	\$1,250	0.75	\$3,750	0.5	\$2,500	0.5	\$2,500	\$18,750
21	Irrigation and Landscaping	SF	\$50,000	0.75	\$37,500	1	\$50,000	0.25	\$12,500	0.75	\$37,500	0.5	\$25,000	0.5	\$25,000	\$187,500
22	Street Furniture (Concrete Tables, Benches, Trash Cans, Bike Racks)	SF	\$60	584	\$35,040	556	\$33,360	0	\$0	1314	\$78,840	0	\$0	120	\$7,200	\$154,440
23	Retaining Wall at Dining Area	EA	\$30,000	5	\$150,000	8	\$240,000	0	\$0	0	\$0	0	\$0	0	\$0	\$390,000
24	Safety Railing at Dining Area	EA	\$15,000	5	\$75,000	8	\$120,000	0	\$0	0	\$0	0	\$0	0	\$0	\$195,000
25	Estimating Contingency (30% of Construction Costs)	%			\$274,474		\$538,856		\$81,278		\$256,360		\$157,274		\$160,629	\$1,468,871
TOTAL CONSTRUCTION COSTS					\$1,189,386		\$2,335,041		\$352,206		\$1,110,892		\$681,522		\$696,061	\$6,365,107
TOTAL CONSTRUCTION COSTS (Rounded to nearest \$1,000)					\$1,190,000		\$2,336,000		\$353,000		\$1,111,000		\$682,000		\$697,000	\$6,366,000
PLANNING AND DESIGN					\$119,000		\$233,600		\$35,300		\$111,100		\$68,200		\$69,700	\$636,600
PERMITTING					\$59,500		\$116,800		\$17,650		\$55,550		\$34,100		\$34,850	\$318,300
CONSTRUCTION MANGEMENT AND INSPECTION					\$119,000		\$233,600		\$35,300		\$111,100		\$68,200		\$69,700	\$636,600
SUBTOTAL					\$1,487,500		\$2,920,000		\$441,250		\$1,388,750		\$852,500		\$871,250	\$7,957,500
20% BUDGET CONTINGENCY					\$297,500		\$584,000		\$88,250		\$277,750		\$170,500		\$174,250	\$1,591,500
TOTAL COST, INCLUDING CONTINGENCY					\$1,785,000		\$3,504,000		\$529,500		\$1,666,500		\$1,023,000		\$1,045,500	\$9,549,000

Cost Estimate, less 20% (per AACEI Guidance for Class V Estimate) \$7,639,200

Cost Estimate, plus 30% (per AACEI Guidance for Class V Estimate) \$12,413,700

Potential Range of Total Project Costs, per Rough Order of Magnitude (ROM) Estimate \$7.5 to \$12.5 Million

ROM Cost per Square Foot \$135 to \$225 per Sq. Ft.