

**City of Manhattan Beach
BICYCLE MASTER PLAN
PRELIMINARY ESTIMATE OF COSTS**

LOW HANGING FRUIT (Add Bike Routes Only)

Street Name	Segment	Type	Mileage	# Signs	Sign Cost	Striping	Unit Cost	Const. Cost	Design	PM/CM	Total	Add Sharrows
11th St	Ardmore Ave to Aviation Blvd	Route	1.7	18	\$ 75			\$ 1,350	\$ -	\$ -	\$ 1,350	
1st St	The Strand to Valley/Ardmore Ave	Route	0.4	8	\$ 75			\$ 600	\$ -	\$ -	\$ 600	\$ 2,534
2nd St	Ardmore Ave to Aviation Blvd	Route	1.3	14	\$ 75			\$ 1,050	\$ -	\$ -	\$ 1,050	\$ 8,237
45th St	The Strand to Crest Dr	Route	0.1	4	\$ 75			\$ 300	\$ -	\$ -	\$ 300	
Bell Ave/Blanche Rd	Valley Dr 29th St / 33rd St to Rosecrans Ave	Route	0.6	14	\$ 75			\$ 1,050	\$ -	\$ -	\$ 1,050	\$ 3,802
Harkness St	2nd Street to Marine Ave	Route	0.5	12	\$ 75			\$ 900	\$ -	\$ -	\$ 900	
Manhattan Beach Blvd	The Strand to Ardmore Ave	Route	0.2	8	\$ 75			\$ 600	\$ -	\$ -	\$ 600	
Marine Ave	The Strand to Valley Drive	Route	0.8	10	\$ 75			\$ 750	\$ -	\$ -	\$ 750	\$ 5,069
Marine Ave	Pacific Ave to Sepulveda Blvd	Route	0.4	6	\$ 75			\$ 450	\$ -	\$ -	\$ 450	\$ 2,534
Mathews Ave	Peck Ave to Aviation Blvd	Route	0.4	8	\$ 75			\$ 600	\$ -	\$ -	\$ 600	
Meadows Ave	Artesia Blvd to Manhattan Beach Blvd	Route	1.0	14	\$ 75			\$ 1,050	\$ -	\$ -	\$ 1,050	\$ 6,336
Meadows Ave	Manhattan Beach Blvd to Marine Ave	Route	0.5	8	\$ 75			\$ 600	\$ -	\$ -	\$ 600	\$ 3,168
Oak Ave	Manhattan Beach Blvd to Ardmore Ave	Route	0.8	10	\$ 75			\$ 750	\$ -	\$ -	\$ 750	
Peck Ave	Artesia Blvd to Manhattan Beach Blvd	Route	1.0	10	\$ 75			\$ 750	\$ -	\$ -	\$ 750	\$ 6,336
Prospect Ave	Artesia Blvd to Tennyson St	Route	0.1	4	\$ 75			\$ 300	\$ -	\$ -	\$ 300	
Rosecans/Man Ave/36th	The Strand to Highland Ave	Route	0.2	8	\$ 75			\$ 600	\$ -	\$ -	\$ 600	\$ 1,267
Tennyson St	Prospect Ave to Meadows Ave	Route	0.1	4	\$ 75			\$ 300	\$ -	\$ -	\$ 300	
Valley Dr/Ardmore Ave	Longfellow to 15th St	Route	0.9	14	\$ 75			\$ 1,050	\$ -	\$ -	\$ 1,050	
Voorhees Ave	Aviation Blvd to Peck Ave	Route	0.4	6	\$ 75			\$ 450	\$ -	\$ -	\$ 450	
11.4 180											\$ 13,500	\$ 39,283

QUICK WINS

Street Name	Segment	Type	Mileage	# Signs	Sign Cost	Striping	Unit Cost	Const. Cost	Design	PM/CM	Total	Add Sharrows
Highland Ave	Homer St to Manhattan Beach Blvd	Route & Sharrows	0.6	10	\$ 75	24	\$ 150.00	\$ 4,350	\$ -	\$ -	\$ 4,350	
Highland Ave	Manhattan Beach Blvd to 45th St	Route & Sharrows	1.6	20	\$ 75	66	\$ 150.00	\$ 11,400	\$ -	\$ -	\$ 11,400	
15th St	Manhattan Ave to Ardmore Ave	Route & Sharrows	0.2	6	\$ 75	10	\$ 150.00	\$ 1,950	\$ -	\$ -	\$ 1,950	\$ 1,950
8th St	Ardmore Ave to Aviation Blvd	Route & Sharrows	1.5	16	\$ 75	32	\$ 150.00	\$ 6,000	\$ -	\$ -	\$ 6,000	\$ 6,000
Manhattan Beach Blvd	The Strand to Ardmore Ave	Lane/Sharrows	0.3	0	\$ 75			\$ 5,000			\$ 5,000	
Marine Ave (WB)	Sepulveda Blvd to Aviation Blvd	Bike Lane	1.0	6	\$ 75	10	\$ 150.00	\$ 7,450	\$ -	\$ -	\$ 7,450	
Pacific Avenue	5th Street to Rosecrans Avenue	Add Sharrows	1.3	0								\$ 8,237
Redondo Ave	Artesia Blvd to Marine Ave	Add Sharrows	1.5	0				\$ -			\$ -	\$ 9,504
58											\$ 36,150	\$ 25,691

BIG HITTERS

Street Name	Segment	Type	Mileage	# Signs	Sign Cost	Striping	Unit Cost	Const. Cost	Design	PM/CM	Total	Add Sharrows
Aviation Blvd	Artesia Blvd to Rosecrans Ave	TBD in Study	2.8	24	\$ 75	14700	\$ 6.00	\$ 1,090,000	\$ 163,500	\$ 109,000	\$ 1,362,500	
Marine Ave (EB)	Sepulveda Blvd to Aviation Blvd	Bike Lane	1.0	5	\$ 75	5280	\$ 3.00	\$ 366,215	\$ 54,932	\$ 36,622	\$ 457,769	
Valley Dr/Ardmore Ave	Longfellow Ave to Sepulveda Bl	CycleTrack or Path	4.2	30	\$ 75	22176	\$ 5.00	\$ 1,613,130	\$ 241,970	\$ 161,313	\$ 2,016,413	
59											\$ 3,836,681	

LONG TERM

Street Name	Segment	Type	Mileage	# Signs	Sign Cost	Striping	Unit Cost	Const. Cost	Design	PM/CM	Total	Add Sharrows
Manhattan Beach Blvd	Ardmore Ave to Aviation Blvd	Various	1.4	20	\$ 75	7400	\$ 6.00	\$ 1,295,900	\$ 194,385	\$ 129,590	\$ 1,750,000	
Rosecrans Ave	Sepulveda Blvd to Aviation Blvd (EB)	Bike Lane & Path	1.0		\$ 75			\$ -	\$ -	\$ -	\$ 8,000,000	
Artesia Blvd	Sepulveda Blvd to Aviation Way (WB)	Bike Lane	0.9		\$ 75			\$ -	\$ -	\$ -	\$ 1,500,000	
											\$ 11,250,000	

Note- Rows in yellow indicate streets recommended for sharrows in Phase I.

Prioritization Total

\$ 15,136,331

Add Phase I Recommended Sharrows \$ 64,974