

Harmony CDD

Summary of Budgeted Alley Maintenance
 Estimated Quantities and Future Replacement / Maintenance Costs

UPDATED SEPTEMBER 20, 2016

Note: All Costs are in 2013 Dollars

Prepared by: Steve Boyd, P.E., District Engineer

Current Year: 2016

DESCRIPTION	ESTIMATED QUANTITY	ALLOWANCE FOR FUTURE EXPENSES			Estimated Annual Reserve	Completed or Last Replaced / Renovated Year	Remaining Est. Years to Replace / Rehab	Anticipated Year Required	Anticipated Expenditure	Next Year for Replacement	Replacement Expenditure
		Description	Frequency	Ballpark Est.							
Lakeshore Park											
Sidewalks (See Note 1)	19,280 SF	See Note #1				NA	NA		\$ -	-	\$ -
Sundial	1	NA	15 years	\$ 5,000.00	\$ 333.33	2004	3	2019	\$ 5,000.00	2034	\$ 5,000.00
Fountain	1	Rehab	10 years	\$ 10,000.00	\$ 1,000.00	2004	-2	2014	\$ 10,000.00	2024	\$ 10,000.00
Restroom	1	Replace Roof	15 years	\$ 3,000.00	\$ 200.00	2004	3	2019	\$ 3,000.00	2034	\$ 3,000.00
Shade Structure	1	Replacement	15 years	\$ 15,000.00	\$ 1,000.00	2004	3	2019	\$ 15,000.00	2034	\$ 15,000.00
Play Structures, et.al.	2 EA	Replacement	15 years	\$ 20,000.00	\$ 1,333.33	2007	6	2022	\$ 20,000.00	2037	\$ 20,000.00
Furnishings / Other Eq.	1 LS	Replacement	10 years	\$ 10,000.00	\$ 1,000.00	2004	-2	2014	\$ 10,000.00	2024	\$ 10,000.00
Dock & Fishing Pier	1	Rehab	15 years	\$ 40,000.00	\$ 2,666.67	2013	12	2028	\$ 40,000.00	2043	\$ 40,000.00
Boat House	1	Replacement	20 years	\$ 10,000.00	\$ 500.00	2004	8	2024	\$ 10,000.00	2044	\$ 10,000.00
Boats	6	Replacement	15 years	\$ 60,000.00	\$ 4,000.00	2013	12	2028	\$ 60,000.00	2043	\$ 60,000.00
2013 Lakeshore Park Improvements											
Sidewalks (See Note 1)	3400 LF	See Note#1							\$ -	-	\$ -
Bridges	136 LF	Replacement	20 years	\$ 18,000.00	\$ 900.00	2013	17	2033	\$ 18,000.00	2053	\$ 18,000.00
Boardwalks & Structures	564 LF	Replacement	20 years	\$ 71,000.00	\$ 3,550.00	2013	17	2033	\$ 71,000.00	2053	\$ 71,000.00
Benches, Trashcans, etc.		Replacement	10 years	\$ 11,000.00	\$ 1,100.00	2013	7	2023	\$ 11,000.00	2033	\$ 11,000.00
A-1 Pool											
Pool (45,000 gal)	1,200 SF	Resurface	15 years	\$ 15,000.00	\$ 1,000.00	2006	5	2021	\$ 15,000.00	2036	\$ 15,000.00
Deck	4,000 SF	Replacement	15 years	\$ 16,000.00	\$ 1,066.67	2006	5	2021	\$ 16,000.00	2036	\$ 16,000.00
Building	2,200 SF	Major Repairs	20 years	\$ 5,000.00	\$ 250.00	2006	10	2026	\$ 5,000.00	2046	\$ 5,000.00
Equipment	1	Replacement	10 years	\$ 3,000.00	\$ 300.00	2006	-	2016	\$ 3,000.00	2026	\$ 3,000.00
Other Structures	1 LS	Major Repairs	15 years	\$ 5,000.00	\$ 333.33	2006	5	2021	\$ 5,000.00	2036	\$ 5,000.00
Sidewalks (See Note 1)	1,210 SF	See Note #1							\$ -	-	\$ -
Swim Club											
Pool (86,000 gal)	2300 SF	Resurface	15 years	\$ 30,000.00	\$ 2,000.00	2004	3	2019	\$ 30,000.00	2034	\$ 30,000.00
Deck	6,300 SF	Replacement	15 years	\$ 25,200.00	\$ 1,680.00	2004	3	2019	\$ 25,200.00	2034	\$ 25,200.00
Parking	2,860 SF	Mill & Replace	15 years	\$ 4,000.00	\$ 266.67	2004	3	2019	\$ 4,000.00	2034	\$ 4,000.00
Building	2,300 SF	Major Repairs	20 years	\$ 5,000.00	\$ 250.00	2004	8	2024	\$ 5,000.00	2044	\$ 5,000.00
Equipment	1	Replacement	10 years	\$ 5,000.00	\$ 500.00	2015	9	2025	\$ 5,000.00	2035	\$ 5,000.00
Other Structures	1 LS	Major Repairs	15 years	\$ 5,000.00	\$ 333.33	2004	3	2019	\$ 5,000.00	2034	\$ 5,000.00
Dog Park											
Sidewalks (See Note 1)	10,008 SF	See Note #1							\$ -	-	\$ -
Play Structures	5	Replacement	15 years	\$ 10,000.00	\$ 666.67	2003	2	2018	\$ 10,000.00	2033	\$ 10,000.00
Shade Structure	1	Major Repairs	15 years	\$ 5,000.00	\$ 333.33	2003	2	2018	\$ 5,000.00	2033	\$ 5,000.00
Wash Area	1	Major Repairs	10 years	\$ 2,500.00	\$ 250.00	2003	-3	2013	\$ 2,500.00	2023	\$ 2,500.00
Fencing	1,760 LF	Replacement	15 years	\$ 21,120.00	\$ 1,408.00	2003	2	2018	\$ 21,120.00	2033	\$ 21,120.00
Town Square Park											
Sidewalks (See Note 1)	7,680 SF	See Note #1							\$ -	-	\$ -
Hardscape	3,000 SF	Replacement	20 years	\$ 15,000.00	\$ 750.00	2003	7	2023	\$ 15,000.00	2043	\$ 15,000.00
Amphitheater	1	Major Repairs	30 years	\$ 5,000.00	\$ 166.67	2003	17	2033	\$ 5,000.00	2063	\$ 5,000.00

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		Description	Frequency	Ballpark Est.									
Cat Brier Tail Long Park													
Paver Area	2,300 SF	Replacement	15 years	\$ 11,500.00	\$ 766.67	2004	3	2019	\$ 11,500.00	2034	\$ 11,500.00		
Shade Pavillions	2 EA	Replacement	20 years	\$ 30,000.00	\$ 1,500.00	2004	8	2024	\$ 30,000.00	2044	\$ 30,000.00		
Other Appurtenances	1 LS	Replacement	15 years	\$ 5,000.00	\$ 333.33	2004	3	2019	\$ 5,000.00	2034	\$ 5,000.00		
Linear Parks													
Sidewalks (See Note 1)	94,600 SF	See Note #1				NA	NA		\$ -	-	\$ -		
Pavers at Traffic Circles													
Phase 1A	3,000 SF	Replacement	15 years	\$ 10,000.00	\$ 666.67	2003	2	2018	\$ 10,000.00	2033	\$ 10,000.00		
Phase 1B	3,000 SF	Replacement	15 years	\$ 10,000.00	\$ 666.67	2006	5	2021	\$ 10,000.00	2036	\$ 10,000.00		
Phase 2	3,000 SF	Replacement	15 years	\$ 10,000.00	\$ 666.67	2006	5	2021	\$ 10,000.00	2036	\$ 10,000.00		
Phase 3	3,000 SF	Replacement	15 years	\$ 10,000.00	\$ 666.67	2007	6	2022	\$ 10,000.00	2037	\$ 10,000.00		
H-1 Park													
Playground Equipment	1	Replacement	10 years	\$ 7,500.00	\$ 750.00	2014	8	2021	\$ 7,500.00	2031	\$ 7,500.00		
Central Bark													
Fencing & Equipment	1	Repairs	1 years	\$ 500.00	\$ 500.00	2016	1	2017	\$ 500.00	2018	\$ 500.00		
Field Office													
Building with AC	1	Repairs	2 years	\$ 1,000.00	\$ 500.00	2016	2	2018	\$ 1,000.00	2020	\$ 1,000.00		
Sidewalks													
(SEE NOTE #1)	435,067 SF	See Note #1							\$ -	-	\$ -		
Alleyways													
Resurfaced in 2014													
B1	3,095	43,330 SF	Seal Coat	10 years	\$ 3,610.83	\$ 361.08	2014	8	2024	\$ 3,610.83	2039	\$ 3,610.83	
		3,095	43,330 SF	Mill & Overlay	15 years	\$ 44,870.62	\$ 2,991.37	2014	13	2029	\$ 44,870.62	2044	\$ 44,870.62
C1	3,974	55,636 SF	Seal Coat	10 years	\$ 4,636.33	\$ 463.63	2009	3	2019	\$ 4,636.33	2034	\$ 4,636.33	
		3,974	55,636 SF	Mill & Overlay	15 years	\$ 57,614.17	\$ 3,840.94	2009	8	2024	\$ 57,614.17	2039	\$ 57,614.17
Resurfaced in 2014													
D1	1,168	16,352 SF	Seal Coat	10 years	\$ 1,362.67	\$ 136.27	2014	8	2024	\$ 1,362.67	2039	\$ 1,362.67	
		1,168	16,352 SF	Mill & Overlay	15 years	\$ 16,933.40	\$ 1,128.89	2014	13	2029	\$ 16,933.40	2044	\$ 16,933.40
C2	2,437	34,118 SF	Seal Coat	10 years	\$ 2,843.17	\$ 284.32	2005	-1	2015	\$ 2,843.17	2030	\$ 2,843.17	
		2,437	34,118 SF	Mill & Overlay	15 years	\$ 35,331.08	\$ 2,355.41	2005	4	2020	\$ 35,331.08	2035	\$ 35,331.08
A1	3,482	48,748 SF	Seal Coat	10 years	\$ 4,062.33	\$ 406.23	2005	-1	2015	\$ 4,062.33	2030	\$ 4,062.33	
		3,482	48,748 SF	Mill & Overlay	15 years	\$ 50,481.26	\$ 3,365.42	2005	4	2020	\$ 50,481.26	2035	\$ 50,481.26
G	3,724	52,136 SF	Seal Coat	10 years	\$ 4,344.67	\$ 434.47	2007	1	2017	\$ 4,344.67	2032	\$ 4,344.67	
		3,724	52,136 SF	Mill & Overlay	15 years	\$ 53,989.72	\$ 3,599.31	2007	6	2022	\$ 53,989.72	2037	\$ 53,989.72
Constructed in 2014													
H1	720	10,080 SF	Seal Coat	10 years	\$ 840.00	\$ 84.00	2014	8	2024	\$ 840.00	2039	\$ 840.00	
		720	10,080 SF	Mill & Overlay	15 years	\$ 10,438.40	\$ 695.89	2014	13	2029	\$ 10,438.40	2044	\$ 10,438.40
RESERVE TOTAL:					\$ 56,301.91								

Notes: 1. Sidewalk repairs ongoing and performed through out the property every one or two years.
 As a result, the reserve study does not carry a replacement cost for sidewalks as the ongoing repair costs is a line item in the maintenance budget.

- Line Items that may be due for maintenance or replacement based on the original schedule established in 2013
- Items recently repaired or replaced
- New Items Added to Schedule