Master Plan for Newton's Historic Burying Grounds Landscape, Structural and Stone Conservation Costs and Priorities

Current Costs Estimates

	Urgent Years 1& 2	Immediate Years 2& 3	Future Years 4& 5	Total
East Parish Burying Ground				
1 Landscape/Fencing	29,688	45,500	413,672	488,860
2 Structural - Tombs/Walls	11,529	104,825	8,010	124,364
3 Stone Conservation	49,907	30,970	647	81,524
Sub Total	91,124	181,295	422,329	694,748
West Parish Burying Ground				
1 Landscape/Fencing	7,206	133,400	31,415	172,021
2 Structural - Tombs/Walls	0	48,000	61,800	109,800
3 Stone Conservation	26,366	14,013	3,734	44,112
Sub Total	33,572	195,413	96,949	325,933
South Burying Ground				
1 Landscape/Fencing	20,000	143,000	35,840	198,840
2 Structural - Tombs/Walls	0	132,000	27,650	159,650
3 Stone Conservation	43,581	20,359	1,019	64,958
Sub Total	63,581	295,359	64,509	423,448
Total All Grounds	\$188,276	\$672,066	\$583,787	\$1,444,129
10% contigency		\$67,207	\$58,379	\$125,585
Grand Totals	188,276	739,273	642,165	1,569,715

Cost estimates were based on 1990 Master Plan, 2003 Update to the Master Plan. and in consultation with the Preservation Consultants Fahninkehner.

		Year 1	Year 2 Year, 3	Year 4 Year 5
East Parish Burying Ground (Centre and Cotton Street	s)			
1. Urgent	,			
Completed a. Remove Dead Trees	2,882	2,882		
b. Trees and volunteer growth removal	21,617	21,617		
c. Regrading eroded area affecting drive, tombs &				
gravestones (includes granite block slope retention at				
drive).	5,188	5,188		
d. Repair Entrance	4,323	4,323		Ref.
e. Rebuild NW corner of Loring Park	7,206	7,206		
In Process t Stone Conservation	0	KU WATANG	2.4	A
1. Three person crew	25,898		• 25;898.	
2. Four person crew	18,937		.1%937	
'3: (36 gravestones)	3,891		.3,891A •	
4, Materials	1,182		•1:,1\$21ki	
-,			,	
	91,124			
2. Immediate	40.500			
a. Lawn rehabilitation, regrading & seeding	10,500		10,500	
b. Tree pruning	35,000		35,000	
c. Repoint wall	8,750		8,750 t	
d. Repair Tomb A	6,125		6,125	
e. Realign Tomb Base B	2,275		2,275 ,7	
f. Repair Tomb C	5,250	2.2	5,2501	
g. Repair Tombs G & H	11,375		11,375	
h. Repair Tomb I	4,375		4,375	
I. Rebuild Arch and Face	14,000		14,000	
j. Repair Hull Tomb	14,000		14,000	
k. Repair Tomb 1195	10,500		10,500	
I. Repair Tomb 1047	8,750		8,750	
m. Repair Tomb 1842	1,925		1,925	
n. Repair Tomb 985	2,100			
o. Repair Tomb 1150	8,750		8,750	
p. Repair Tomb 232	4,375		4,375	
q. Repair Tomb 1370	2,275		2,275	
r. Stone Conservation	45.000		45.000	4)
1. Three person crew	15,333		15,333	
2. Four person crew	12,825		12,825	
Cleaning (16 Gravestones) Materials	2,280		2,280	
4. Materials	532		532	
-	181,295		*	
3. Future				
a. Repair Wall	8,010	6.7		8,010 🛴 🔭 🥫
b. New signage	3,560			3,560
c. New Tubular steel fence along Cotton and Centre				
Streets	279,460	y to		279,460
d. New chain link fence	17,800	3000		17,800
e. Two new tubular steel gates	92,560			92,560
f. New plantings	17,800		1	17,800,
g. Two stone pillars framing vehicular gate	2,492			2,492 PL,
h. Stone conservation				2-40
Three person crew	588			588
2. Materials	59			59
-	422,329	7.0		
East Parish Burying Grounds sub total	694,748	41,217	220,702 St 10,500	422,329
	50 iji 40	2000年1000年1000年1000年1000年1000年1000年100日		,

		Year 1	Year 2	Year 4 <u>Year</u>
West Parish Burying Ground (Cherry and River Streets)				
Urgent Completed a. Tree and Volunteer Growth Removal	7,206	7,206		
In Process b. Stone Conservation	79.110.44			
1. Three person crew	11,890		11,890	
2. Four person crew	11,284		11,284	
3. Cleaning (23 Gravestones)	2,486		2,486	
4. Materials	706		706	
terre i van trans	33,572			
	JJ,J1 Z			
2. Immediate			4.6	
a. New tubular steel pedestrian/vehicular access				W W
gate	26,000	24665	26,000	
b. New tubular steel fence along River and Cherry	07.000			
Streets	97,000	A. A.	97,000	
c. Lawn rehab, regrading and seeding	3,200		3.200	
d. Tree pruning	6,000		6,000	
e. Regrading over exposed vaults	1,000 200		1,000 p 200	
f. Remove chains from posts g. Local rebuilding	5,000		5,000	7
h. Local rebuilding	18,000	1.2	18,000	
I. Repair vault	3,000		3.000	
j. Repair waunt j. Repair mound tomb	18,000		± 18,000	
k. Repair tomb 197	4,000		4,000	
I. Stone Conservation	4,000		1	
Three person crew	3,648		3,648	
Four person crew	8,550		8:550	
3. Cleaning (10 Gravestones)	1,425		1,425	
4. Materials	390		390	
1. Materiale	000			
			120	
3. Future				
a. Repoint wall	61,800			61.800
b. New signage	2,060			2:060
c. Tree planting	12,360			12,360
d. New chain link fence	8,240			8,240
e. Two new granite pillars framing entrance	8,755			8,755
f. Stone Conservation				
1. Three person crew	706			.706
2. Four person crew	2,646		1	2,646
3. Cleaning	294			1 ≥ 294
4. Materials	88			. 88
	96,949	700		±340 = 15
West Parish Burying Grounds sub total	325,933	7 206	56,566 165,213	0 96;949

th Davish Burning Craund (Evanges Cometers)	Ninahaatau Ctus	Year 1	Year 2	Year 3	Year 4 Year
th Parish Burying Ground (Evergreen Cemetery, V . Urgent	vinchester Stre	;et)			
ompleted a. Trees and volunteer growth removal	18,000	18,000			
b. Shrub Removal	2,000	2,000			
Process C. Stone Conservation	(6):				
1. Three person crew	22,612		22,612		
2: Four person crew	12,970		12,970		
3: (65 Gravestones)	7,026		7,026		
Materials	973		973		
	63,581		7. 2.000		
. Immediate					
 a. New pedestrian/vehicular tubular steel access 			ğ		
gate	32,500			32,500	
b. New chain link fence along north, west and south					
edges of site	15,000		18	15,000	
c. New tubular steel fence along Winchester Street	85,000			85,000	
d. Recuthng stumps	500		500		
e. Lawn rehabiliations, regrading and seeding	2,500			2,500	
f. Tree pruning	7,500		7,500	1.00	
g. Repair Tombs A-G	99,000		.,	99,000	
h. Repair Tomb H	33,000		a S	33,000	1.5
l. Stone Conservation	,		8		
1. Three person crew	7,068	18.5		7,068	
2. Four person crew	10,260			10,260	7,44
3. Cleaning	2,708	45.00	Š	2,708	
4. Materials	323			323	
T. Materiale	295,359			323	
	_00,000				
. Future					
a. Repair wall	27,650				27,6
b. Tree and Shrub plantings	33,280				30,2
c. New signage	2,560		Š.		25
d. Stone Conservation	706				2.77
Three person crew		100	il P		
2. Cleaning (2 Gravestones)	294				2
3. Materials	20		ě		
	64,509				
South Parish Burying Grounds sub total	423,448	20,000	51,581	287,359	0 64,5
					an and an
Total Project Cost	1,444,129	68,423	328,849	463 071	422,329 161,4
		Heart	lmmediete	Future	
		Phase 1	Immediate Phase 2	Phase 3	
		Request	Request	Request	
	East Parish	91,124	181,295	422,329	
	West Parish	33,572	195,413	96,949	
	South Parish	63,581	295,359	64,509	
10%	6 Contingency	33,001	67,207	58,379	
,	Grand Total	188,277	739,273	642,165	1,569,7

		Phase 2a	Phase 2b
East Parish Burying Ground (Centre and Cotton Streets)			
2. Immediate			
a. Lawn rehabilitation, regrading & seeding	10,500		10,500
b. Tree pruning	35,000	35,000	
c. Repoint wall	8,750	8,750	
d. Repair Tomb A	6,125	6,125	
e. Realign Tomb Base B	2,275	2,275	
f. Repair Tomb C	5,250	5,250	
g. Repair Tombs G & H	11,375	11,375	
h. Repair Tomb I	4,375	4,375	
Rebuild Arch and Face	14,000	14,000	
j. Repair Hull Tomb	14,000	14,000	
k. Repair Tomb 1195	10,500	10,500	
I. Repair Tomb 1047	8,750	8,750	
m. Repair Tomb 1842	1,925	1,925	
n. Repair Tomb 985	2,100	2,100	
o. Repair Tomb 1150	8,750	8,750	
p. Repair Tomb 232	4,375	4,375	
q. Repair Tomb 1370	2,275	2,275	
r. Stone Conservation			
 Three person crew 	15,333	15,333	
2. Four person crew	12,825	12,825	
3. Cleaning (16 Gravestones)	2,280	2,280	
4. Materials	532	532	
	181,295	170,795	10,500

West Parish Burying Ground (Cherry and River Streets) 2. Immediate

a. New tubular steel pedestrian/vehicular access gate	26,000		26,000
b. New tubular steel fence along River and Cherry			
Streets	97,000		97,000
c. Lawn rehab, regrading and seeding	3,200		3,200
d. Tree pruning	6,000	6,000	
e. Regrading over exposed vaults	1,000	1,000	
f. Remove chains from posts	200	200	
g. Local rebuilding	5,000	5,000	
h. Local rebuilding	18,000	18,000	
I. Repair vault	3,000	3,000	
j. Repair mound tomb	18,000	18,000	
k. Repair tomb 197	4,000	4,000	
I. Stone Conservation			
Three person crew	3,648		3,648
2. Four person crew	8,550		8,550
3. Cleaning (10 Gravestones)	1,425		1,425
4. Materials	390		390

195,413	55,200	140,213

South Parish Burying Ground (Evergreen Cemetary, Winchester Street) 2. Immediate

nediate			
a. New pedestrian/vehicular tubular steel access gate b. New chain link fence along north, west and south	32,500		32,500
edges of site	15,000		15,000
c. New tubular steel fence along Winchester Street	85,000		85,000
d. Recutting stumps	500	500	
e. Lawn rehabiliations, regrading and seeding	2,500		2,500
f. Tree pruning	7,500	7,500	
g. Repair Tombs A-G	99,000		99,000
h. Repair Tomb H	33,000		33,000
I. Stone Conservation			
Three person crew	7,068		7,068
2. Four person crew	10,260		10,260
3. Cleaning	2,708		2,708
4. Materials	323		323
	295,359	8,000	287,359
Total Project Cost	672,066	233,995	438,071

	Phase 2a	Phase 2b	
	Request	Request	Total
East Parish	170,795	10,500	181,295
West Parish	55,200	140,213	195,413
South Parish	8,000	287,359	295,359
10% Contingency	23,400	43,807	67,207
Grand Total	257,395	481,878	739,273