## Appendix D

# Opinions of Probable Construction Cost

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### Opinions of Probable Construction Cost

#### **Project Areas**

For planning purposes, order of magnitude Opinions of Probable Construction Cost (OPCC) were prepared for several areas:

- **1. West Area**: West End improved amenities, ecological restoration, Charles River Community Garden and Henderson Garage Area improvements.
- 2. Artesani Parking Lot: Reconfiguration and stormwater infrastructure.
- 3. Central Area: Event Lawn restoration, New Aquatics Office and other improvements.
- **4. Island, Amphitheater, Herter Center:** New pedestrian bridge over the moat, various amphitheater upgrades, and rehabilitation of the Herter Center as High School Rowing / Amphitheater Support / multi-use facility.
- 5. East Lawn to Eliot Bridge: high-use event lawns, stormwater and parking lots improvements.
- **6. East Meadow Past Eliot Bridge**: Park expansion in conjunction with the future Eliot Bridge approach intersection reconfiguration.
- **7. Soldiers Field Road Diet and Multi-Use Path**: Reconfiguration of Soldiers Field Road from Arsenal Street Bridge to Eliot Bridge, and reconstruction of the Dr. Paul Dudley White greenway as a shared use path.

#### **Assumptions and Qualifications**

- The Opinion represents the consultant's best judgment, utilizing MassDOT 2022 published unit prices where available, recent materials or product quotes, and the Consultant's recent experience.
- The Opinion includes Design and Construction Contingencies. It excludes yearly escalation costs.

#### **Implementation**

As part of the next steps, the DCR will utilize this Master Plan Report to prepare an implementation plan that includes project phasing and securing funding sources for implementation. Anticipated projects are below:

- Project 1: Artesani parking lot reconfiguration; Soldiers Field Road Diet
- Project 2: Central Area improvements/ Aquatics office; Eliot Bridge park expansion
- Project 3: Island, Amphitheater, Herter Center; East Lawn
- Project 4: West Area

A-60

Size Preparation	Garden and Henderson Garage Area		Qty	U	nit cost	Tota	al Cost	Assumptions
Concrete bench pad demolition of 9 195.0 \$ 2,000 Concrete path removal of 9 195.0 \$ 2,000 Concrete path removal of 9 195.0 \$ 2,000 Concrete path removal or 19 19 19 19 19 19 19 19 19 19 19 19 19	ite Preparation							
Concrete bench pad demolition of 9 935 \$ 2400 \$ \$ 3,8000 of 6 rowned part heremonal of 9 935 \$ 10.00 \$ \$ 3,8000 of 7 per more of 9 935 \$ 10.00 \$ \$ 3,8000 of 7 per more of 1 per more of	Asphalt parking lot paving demolition	sf	16100	\$	3.00	\$	48,300.00	
Granic curb removal (in a size removal and restoration w/ seed at 2 A 5 1,000 0 \$ 8,800.00   Tree removal under 24" call Assard trees and hardscape impair if 4000 \$ 12,000 \$ \$ 8,800.00   Tree removal under 24" call Assard trees and hardscape impair if 4000 \$ 12,000 \$ 12,000.00   Tree removal under 24" call Assard trees and hardscape impair if 4000 \$ 12,000 \$ 12,000.00   Mac. other size preparation   15 1 2,000.00 \$ 12,000.00   Mac. other size preparation   15 1 2,000.00 \$ 12,000.00   Mac. other size preparation   15 1 2,000.00 \$ 12,000.00   Mac. other size preparation   15 1 2,000.00 \$ 12,000.00   Mac. other size preparation   15 2 1,000.00 \$ 12,		sf	60	\$	4.00	\$	240.00	30 sf each pad
Granice curb removal and restoration w/ seed ac 7.4 \$ 1,000.00 \$ 8,80.000 tree removal under 24"cal. Hazard trees and hardscape impair free protection force in the force of t	Gravel path removal	sf	9150	\$	2.00	\$	18,300.00	6" gravel and subbase removal
Invasive spaces removal and retroartion w/ seed   3	Granite curb removal	If	350	\$	10.00		3,500.00	
Tree protection force or force							·	=
Tree protection fence   fif 2000   \$ 12.00   \$ 48,000.00   Compast sick for foresion control   fir 2000   \$ 5,000.00   \$ 5,000.00   \$ 1,000.00   \$	· · · · · · · · · · · · · · · · · · ·							
Erosin control           2700       5   8.00     5   21,000   2.00   2								
Samp Structure Demolition	•							
Misc. Site Improvements  Site Preparation  Is 1								
Mobilization   Site Preparation Subtotal   Site Provinces applied parking lot paving, vehicular   Site Preparation Subtotal   Site Preparati	Garage Structure Demolition		1		25,000.00		·	1,600 sf 1 story cinder block structure
Site Preparation Subtorial	Misc. other site preparation	ls	1	\$	20,000.00			
Hardscape   Portons apphalt parking lot paving, well-includar		ls	1	\$	20,000.00		,	
Portions signified parking for playing, welficular	•					\$	316,240.00	
Asphait new parking for at Community Gardens Concrete bench pad new Wood decking af Fire from 5 5 9000 \$ 3,57000 4"e"s" 4" (42 ft) goals per bee Wood decking af Fire from 5 5 9000 \$ 3,500000 for several field of the community Garden Stabilized Stonedus surfacing  4 f 1000 \$ 3,000000 \$ 3,0000000 for several decking an FT wood ecking an Garden Stabilized Stonedus surfacing 4 f 1000 \$ 5,000 \$ 5,00000 for several decking an FT wood ecking an FT wood ecking an Garden Stabilized Stonedus surfacing 4 f 1000 \$ 5,000 \$ 5,0000 for several for seve		,						
Acquain new or realigned park parths								
Concrete bench pad new   Sf 255   \$ 1.400   \$ 3,570.00   \$ 63,800.00   \$ 60,800.00								
Woodland Boardwalks								
Woodland Roardwalks	· · · · · · · · · · · · · · · · · · ·							4'-6"x9'-4" (42 sf) pads per bench
Stabilized stonedust surfaring								Ipe wood decking on PT wood structure on g
Parking Lot Striping	Woodland Boardwalks		1000		300.00		300,000.00	Ipe wood decking on PT structure w/ helical
Accessible curb ramp	Stabilized stonedust surfacing	sf	12100	\$	7.00	\$	84,700.00	Stonedust with Organic-Lock binder
Cast-in-place detectible tile	Parking Lot Striping	If	1000	\$	5.00	\$	5,000.00	Reflectorized white, parking symbol
Cast-in-place detectible tile	Accessible curb ramp	sf	263	\$	14.00	\$	3,682.00	Cast in place concrete at curb ramp
Vertical Grante Curb   Sank Stabilization with boulders/stone remnants at overlooks   S   1		sf	16		60.00	\$		Cast in place cast iron surfacing
Second   Stormwater   Stormwa		If	1090	\$	100.00	\$	109,000.00	
Number   Stornwater   Stornwa	Bank stabilization with boulders/stone remnants at overlooks	Is	1	\$	40,000.00	\$	40,000.00	3 overlooks
Bioretention swale / Rain Garden						\$		
Pretreatment Chamber								
Catch basin   ea 6   \$ 6,000.00   \$ 36,000.00   Total page pipe   fi 1650   \$ 8.80.00   \$ 14,000.00   \$ 1,2	Bioretention swale / Rain Garden	sf	3500					
Drainage pipe   Flared end section   6a	Pretreatment Chamber	ea	1	\$	6,000.00	\$	6,000.00	
Flared end section   Stormwater Subtotal   Stormwater Subtotal	Catch basin	ea	6	\$	6,000.00	\$	36,000.00	
Stormwater Subtotal	Drainage pipe	lf	1650	\$	85.00	\$	140,250.00	HDPE pipe
Misc. Site Improvements   Benches new or existing refurbished & reinstalled   ea	Flared end section	ea	1	\$	1,200.00	\$	1,200.00	
Benches new or existing refurbished & reinstalled   ea	Stormwater Subtotal					\$	253,450.00	
Protective guardrail fence at outfall structure	•							
Salvaged granite block seats at woodland   ea   6   \$ 1,000.00   \$ 6,000.00   Pound on site, installed on con Picnic tables new   ea   4   \$ 2,100.00   \$ 8,400.00   DCR standard: Dumor 77-68-1   \$ 3,600.00   \$ 3,600.00   DCR standard: Dumor 77-68-1   \$ 3,600.00   \$ 3,000.00   DCR standard: Dumor 157-32,   \$ 42,900.00   Charles River Community Garden   \$ 42,900.00   Stabilized stonedust paths at Community Garden   \$ 5   3000   \$ 7.00   \$ 21,000.00   \$ 21,000.00   \$ 4' x 8' 27.5" ht, Cedar kits   \$ 1,000.00   \$ 12,000.00   \$ 2,040.0							·	
Picnic tables new	Protective guardrail fence at outfall structure	lf	70	\$	150.00	\$	10,500.00	Steel posts and rails
Trash receptacle	Salvaged granite block seats at woodland	ea	6	\$	1,000.00	\$	6,000.00	Found on site, installed on compacted grave
Charles River Community Garden   S   3000   \$ 7.00   \$ 21,000.00	Picnic tables new	ea	4	\$	2,100.00	\$	8,400.00	DCR standard: Dumor 77-68-1D, ADA
Charles River Community Garden   Stabilized Stonedust paths at Community Garden   Stabilized Sta	Trash receptacle	ea	1	\$	3,600.00	\$	3,600.00	DCR standard Dumor 157-32, installed
Stabilized stonedust paths at Community Garden   sf   3000   \$   7.00   \$   21,000.00   At x 8' 27.5" ht, Cedar kits	Misc. Site Improvements Subtotal					\$	42,900.00	
Raised garden beds ADA accessible, installed limported soil for raised garden beds								
Imported soil for raised garden beds		sf						Stonedust aw/ Organic-Lock binder
Wood and metal mesh perimeter fence + 2 gates, installed   If   S90	Raised garden beds ADA accessible, installed	ea	8	\$	1,500.00		12,000.00	4' x 8' 27.5" ht, Cedar kits
Install / repair bed edging where affected by path construction   Fig. 1000   \$ 12.00   \$ 12,000.00   Cedar 2x6x8' planks and wood Picnic table at Community Garden   ea   1   \$ 2,104.00   \$ 2,104.00   DCR standard: Dumor 77-68-1   Canopy structure at Community Garden, 10'x30', delivered   Is   1   \$ 18,100.00   \$ 18,100.00   10'x30' USA Shade Systems "N   Canopy structure footings and installation   Is   1   \$ 9,000.00   \$ 9,000.00   3@ 24" dia 54" ht reinforced to canopy structure footings and installation   Is   1   \$ 9,000.00   \$ 15,500.00   \$ 215,174.00   \$ 151,17	Imported soil for raised garden beds	су	24	\$	85.00	\$	2,040.00	3 cy at each planter + install
Picnic table at Community Garden   ea   1   \$ 2,104.00   \$ 2,104.00   \$ 2,104.00   \$ 2,000.00   \$ 2,000.00   \$ 2,000.00   \$ 18,100.00   \$ 18,100.00   \$ 18,100.00   \$ 3,000.	Wood and metal mesh perimeter fence + 2 gates, installed	lf	590	\$	127.00	\$	74,930.00	Cedar posts & rails, metal mesh, 2 gates, in
Canopy structure at Community Garden, 10'x30', delivered   S	Install / repair bed edging where affected by path construction	If	1000	\$	12.00	\$	12,000.00	Cedar 2x6x8' planks and wood stakes, insta
Canopy structure at Community Garden, 10'x30', delivered   S	Picnic table at Community Garden	ea	1	Ś	2.104.00	\$	2.104.00	DCR standard: Dumor 77-68-1D, ADA
Canopy structure footings and installation   Is   1   \$ 9,000.00   \$ 9,000.00	•							10'x30' USA Shade Systems "Multi-Shade W
Charles River Community Garden Subtotal   Signage & Wayfinding				Ś		ς ς		,
Signage & Wayfinding		13		7	3,000.00	Ś		3 @ 24 ulu 34 ne reinjoreeu concrete jooti
Parking Lot cantilevered ID sign Interpretive panels Interpretive	•						101)17 1100	
Interpretive panels		ea	2	\$	7,750.00	\$	15,500.00	2'-3" x 2'-10" panel, wood cantilever post, ii
Biking / pedestrian 'Share the Path' sign   ea   3   \$ 1,875.00   \$ 5,625.00								2'-3" x 2'-10" panel, wood cantilever post, ii
Welcome wayside / orientation sign w/ R&Rs - 2 sided   ea   2   \$ 9,875.00   \$ 19,750.00   2'-6" x 6'-3", full color w/ map, parking standard signs at accessible / reserved parking   ea   4   \$ 300.00   \$ 1,200.00   \$ 2,875.00   \$ 8"x30" panel on steel post, ins   50,450.00   \$ 1,200.00   \$ 2,300.00   \$ 1,200.00   \$ 2,300.00								
Directional internal park information sign   ea   1   \$ 2,875.00   \$ 2,875.00   Ranking standard signs at accessible / reserved parking   ea   4   \$ 300.00   \$ 1,200.00								
Parking standard signs at accessible / reserved parking   ea   4   \$   300.00   \$   1,200.00								· · · · · · · · · · · · · · · · · · ·
Signage & Wayfinding Subtotal								
Planting   Bank vegetative restoration at overlooks only   Sf   1500   \$ 25.00   \$ 37,500.00   Plugs and small container low-looks only   Loam & Seed   Sf   4000   \$ 1.00   \$ 4,000.00   Seed w/shade-tolerant low-looks oil for meadow area   Cy   472   \$ 65.00   \$ 30,680.00   \$ 30,680.00   \$ 5,500 sf at 6" imported meadow seeding at Lawn Bowl   Sy   2835   \$ 4.00   \$ 11,340.00   \$ 11,340.00   \$ 25,500.00   \$ 14,340.00   \$ 10,000   \$ 10,		Ca		٠,	300.00			widssbor didininani signs on steel posts, ins
Bank vegetative restoration at overlooks only   Sf   1500   \$ 25.00   \$ 37,500.00   Plugs and small container low-looks Seed   Sf   4000   \$ 1.00   \$ 4,000.00   Seed w/shade-tolerant lawn of the seed of the s						<u> </u>	00,100.00	
Imported soil for meadow area	=	sf	1500	\$	25.00	\$	37,500.00	Plugs and small container low-growing plan
Imported soil for meadow area		sf	4000		1.00		4,000.00	Seed w/shade-tolerant lawn or meadow see
Fine Grading at Lawn Bowl Sy 2835 \$ 4.00 \$ 11,340.00  Meadow seeding and establishment sf 25500 \$ 1.00 \$ 25,500.00  Woodland understory restoration, limited areas sf 2000 \$ 15.00 \$ 30,000.00  New trees 3-3.5 cal. ea 8 \$ 2,000.00 \$ 16,000.00  Planting Subtotal \$ 155,020.00  Total Before Contingencies \$ 1,931,046.00  Design contingencies 20% \$ 386,209.20  Total w/ Design Contingency \$ 2,317,255.20								25,500 sf at 6" imported meadow soil
Meadow seeding and establishment         sf         25500         \$         1.00         \$         25,500.00         Assume plugs           Woodland understory restoration, limited areas         sf         2000         \$         15.00         \$         30,000.00         Assume plugs           New trees 3-3.5 cal.         ea         8         \$         2,000.00         \$         16,000.00           Total Before Contingencies         \$         1,931,046.00           Design contingencies         20%         \$         386,209.20           Total w/ Design Contingency         \$         2,317,255.20								. , , , , , , , , , , , , , , , , , , ,
Woodland understory restoration, limited areas         sf         2000         \$ 15.00         \$ 30,000.00         Assume plugs           New trees 3-3.5 cal.         ea         8         \$ 2,000.00         \$ 16,000.00         \$ 155,020.00         \$ 155,020.00         \$ 1931,046.00         \$ 1,931,046.00         \$ 386,209.20         \$ 386,209.20         \$ 386,209.20         \$ 2,317,255.20         \$ 2,317,255.20         \$ 386,209.20         \$ 2,317,255.20         \$ 386,209.20         \$ 2,317,255.20         \$ 2,317,255.20         \$ 386,209.20         \$ 2,317,255.20         \$ 386,209.20 <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	9							
New trees 3-3.5 cal.         ea         8         \$ 2,000.00         \$ 16,000.00           Planting Subtotal         \$ 155,020.00           Total Before Contingencies         \$ 1,931,046.00           Design contingencies         20%         \$ 386,209.20           Total w/ Design Contingency         \$ 2,317,255.20								Assume plugs
Planting Subtotal   \$ 155,020.00								1 3-
Total Before Contingencies         \$ 1,931,046.00           Design contingencies         20%         \$ 386,209.20           Total w/ Design Contingency         \$ 2,317,255.20				· ·	,,,,,,,,,,			
Total w/ Design Contingency \$ 2,317,255.20								
		20%						
0 1 1 0 1 200/	Total w/ Design Contingency					\$	2,317,255.20	
Construction Contingency 20% \$ 463,451.04	Construction Contingency	20%				\$	463,451.04	•
TOTAL West End, Woodland, Charles River Community Garden					1			

Exclusions: BWSC outfall reconstruction or demolition; Henderson Boathouse parking lot and stormwater improvements (by others), contaminated soils remediation, hazardous materials abatement.

Christian A. Herter Park Master Plan

Appendix D | Opinions of Probable Construction Cost A-61

2 Artesani Parking Lot		Qty		Unit cost	Tot	al Cost	Assumptions
Site Preparation							
Asphalt parking lot and road paving demolition	sf	136300	\$	3.00	\$	408,900.00	
Asphalt path demolition	lf	16900	\$	3.00	\$	50,700.00	
Concrete bench pad demolition	sf	180	\$	4.00	\$	720.00	30 sf each pad
Granite curb removal	If	3900	\$	10.00	\$	39,000.00	Existing curbs not salvageable
Tree removal under 24" cal.	ea	32	\$	1,500.00	\$	48,000.00	Hazard /path impacts
Tree protection fence	lf	4000	\$	12.00	\$	48,000.00	Portable CLF
Salvage and deliver existing benches to owner	ea	5	\$	500.00	\$	2,500.00	DCR to utilize elsewhere
Erosion control	If	1400	\$	8.00	\$	11,200.00	
Catch basin / manhole removal	ea	8	\$	800.00	\$	6,400.00	
Drainage pipe removal	If	1500	\$	30.00	\$	45,000.00	
Light pole remove and dispose	ea	8	\$	800.00	\$	6,400.00	
Misc. other site preparation	Is	1	\$	20,000.00	\$	20,000.00	
Mobilization	ls	1	\$	20,000.00	\$	20,000.00	
Site Prep Subtotal				.,	\$	706,820.00	
Hardscape							
Asphalt parking lot paving, vehicular	sf	118300	\$	8.00	\$	946,400.00	Includes aggregate base
Asphalt new park paths	sf	17600	\$	8.00	\$	140,800.00	Use vehicular asphalt profile
Concrete dumpster pad	sf	150	\$	14.00	\$	2,100.00	
Concrete bench pad new	sf	588	\$	14.00	\$	8,232.00	4'-6"x9'-4" (42 sf) pads per bench
Parking Lot Striping	If	5000	\$	1.50	\$	7,500.00	230 parking spots +HC + aisles
Crosswalks at parking lot	If	600	\$	1.50	\$	900.00	Thermoplastic
Accessible curb ramp concrete	sf	1000	\$	14.00	\$	14,000.00	Assumption 6x17' (100 sf) curb ramps
Cast-in-place detectible tile	sf	100	\$	20.00	\$	2,000.00	assume 2x10 at 4 crosswalks
Vertical Granite Curb	lf	2480	\$	100.00	\$	248,000.00	
Hardscape Subtotal					\$	1,369,932.00	
Stormwater							
Bioretention swale / Rain Garden	sf	5800	\$	20.00	\$	116,000.00	
Pretreatment Chamber	ea	4	\$	6,000.00	\$	24,000.00	
Contech Jellyfish Filter	ls	1	\$	250,000.00	\$	250,000.00	
Drainage pipe	If	1000	\$	85.00	\$	85,000.00	HDPE pipe
Subsurface Corrugated Pipe Detention System	Is	1	Ś	2,500,000.00	\$	2,500,000.00	F F -
Stormwater Subtotal				, ,	\$		
Misc. Site Improvements							
Benches new	ea	14	\$	1,800.00	\$	25,200.00	DCR standard Shurcliff bench, installed
Trash receptacle	ea	1	\$	3,600.00	\$	3,600.00	DCR standard Dumor 157-32, installed
Dumpster screen fence enclosure	If	50	\$	200.00	\$	10,000.00	Steel posts, wood slats 8' ht. fence + canopy
Misc. Site Improvements Subtotal					\$	38,800.00	
Signage & Wayfinding							
Main Identification Sign	ea	1	\$	7,750.00	\$	7,750.00	6' x 4' panel, wood posts, installed
Parking Lot cantilevered ID sign	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, installe
Biking / pedestrian 'Share the Path' sign	ea	1	\$	1,875.00	\$	1,875.00	5"x12" panel on steel post, installed
Welcome wayside / orientation sign w/ R&Rs- 3 sided	ea	1	\$	13,125.00	\$	13,125.00	Including 1 hinged glazed case for postings
Directional internal park information sign	ea	1	\$	2,875.00	\$	2,875.00	8"x30" panel on steel post, installed
Parking standard signs at accessible / reserved parking	ea	9	\$	300.00	\$	2,700.00	MassDOT aluminum signs on steel posts, installed
Signage & Wayfinding Subtotal					\$	36,075.00	
Site Lighting							
New light pole fixture and pole	ea	23	\$	6,000.00	\$	138,000.00	Shepherd's crook
Electrical handhole	ea	23	\$	1,300.00	\$	29,900.00	
Precast standard foundation	ea	23	\$	1,700.00	\$	39,100.00	
Ground rod	ea	23	\$	150.00	\$	3,450.00	
4" electrical conduit encased in concrete	If	2300	\$		\$	230,000.00	
Overhead line relocation underground	Is	1	\$	300,000.00	\$	300,000.00	1100 lf, 6 segments, 6 utility poles
Site Lighting Subtotal				ŕ	\$	263,650.00	, , ,,
Planting						-	
Loam and seed areas	sf	1	\$	71,200.00	\$	76,980.00	
New trees 3-3.5 cal.	ea	36	\$	2,000.00	, \$	72,000.00	
Planting Subtotal				,	\$	148,980.00	
Total Before Contingencies					\$		
Design Contingencies	20%				\$	1,107,851.40	I
Total w/ Design Contingency					\$	6,647,108.40	
Construction Contingencies	20%				\$	1,329,421.68	
TOTAL Artesani Parking Lot and Event Lawn Area	_3,0			1	\$		1
						, ,	

Exclusions: Contaminated soils remediation, Hazardous materials abatement, Telford Bridge reconstruction, Dr. Paul Dudley White Path reconstruction along Soldiers Field Road.

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Event Lawn Area and Artesani Playground		Qty	U	nit cost	Tota	al Cost	Assumptions
Site Preparation		-					
Asphalt path demolition	lf	4250	\$	3.00	\$	12,750.00	
Concrete bench pad demolition	sf	300	\$	4.00	\$	1,200.00	30 sf each pad
Gravel path removal	sf	1295	\$	2.00	\$	2,590.00	6" gravel and subbase removal
Tree protection fence	If	2500	\$	12.00	\$	30,000.00	Portable CLF
Salvage existing benches, deliver to owner	ea	10	\$	300.00	\$	3,000.00	DCR to utilize elsewhere
Erosion control	If	1200	\$	8.00	\$	9,600.00	Den to utilize eisewhere
						·	
Light pole remove and dispose	ea	4	\$	800.00	\$	3,200.00	
Lifeguard station sheds demolition	ls	1	\$	3,000.00	\$	3,000.00	Assume sheds are not salvageable
Misc. other site preparation	ls	1	\$	20,000.00	\$	20,000.00	
Mobilization	ls	1	\$	20,000.00	\$	20,000.00	
Site Prep Subtotal					\$	105,340.00	
Hardscape							
Asphalt new park paths	sf	3500	\$	8.00	\$	28,000.00	Use vehicular asphalt profile
Concrete bench or table pad new	sf	1932	\$	14.00	\$	27,048.00	4'-6"x9'-4" (42 sf) pads per bench
Stabilized stonedust surfacing	sf	4100	\$	7.00	\$	28,700.00	Stonedust with Organic-Lock binder
Bank stabilization with stone remnants at overlooks	ls	1	\$	20,000.00	\$	20,000.00	_
Granite block seat wall	If	40	\$	500.00	\$	20,000.00	
Hardscape Subtotal			Ψ	500.00	\$	123,748.00	
Stormwater						123,740.00	
Storm water improvements	ls	1	\$	50,000.00	\$	50,000.00	HDPE pipe
Stormwater Improvements Stormwater Subtotal	- 15		ş	30,000.00	\$	50,000.00	поте ріре
					·	50,000.00	
Misc. Site Improvements		32	_	1 000 00		20.000.00	DCB standard Charaliff hands to tall of
Benches new	ea	22	\$	1,800.00	\$	39,600.00	DCR standard Shurcliff bench, installed
Picnic tables new or relocated	ea	6	\$	2,100.00	\$	12,600.00	DCR standard: Dumor 77-68-1D, ADA
Trash receptacle	ea	3	\$	3,600.00	\$	10,800.00	DCR standard Dumor 157-32, installed
Canopy structure at Artesani Spray Pool	ls	1	\$	40,000.00	\$	40,000.00	8'w x 60'l USA-Shade Systems "Multi-Shade W
Canopy structure footings and installation	ls	1	\$	7,000.00	\$	7,000.00	7@ 24" dia 54" ht reinforced concrete footings
Drinking Fountain	ea	1	\$	15,000.00	\$	15,000.00	Includes footing and water line installation
Misc. Site Improvements Subtotal					\$	125,000.00	
Herter Community Garden						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Stabilized stonedust paths at Community Garden	sf	3700	\$	7.00	\$	25,900.00	Stonedust aw/ Organic-Lock binder
Raised garden beds ADA accessible, installed	ea	8	\$	1,500.00	\$	12,000.00	4' x 8' 27.5" ht, Cedar kits
						·	
Imported soil for raised garden beds	су	24	\$	85.00	\$	2,040.00	3 cy at each planter + install
Wood and metal mesh perimeter fence, 4 gates, installed	If	780	\$	127.00	\$	99,060.00	Cedar posts & rails, metal mesh, 2 gates, insta
Install / repair bed edging where affected by path construction	lf	1000	\$	12.00	\$	12,000.00	Cedar 2x6x8' planks and wood stakes, installed
Herter Community Garden Subtotal					\$	162,900.00	
Lifeguard Station							
Lifeguard station and pergola construction	sf	532	\$	550.00	\$	292,600.00	
							35-40% project soft costs (A&E, project
Lifeguard station soft costs, FF+E	ls	1	\$	102,410.00	\$	102,410.00	management, FF+E, legal, moving costs, etc)
Lifeguard Station Subtotal					\$	395,010.00	
Signage & Wayfinding							
Main Identification Sign	ea	1	\$	7,750.00	\$	7,750.00	6' x 4' panel, wood posts, installed
Facility ID Cantilevered sign	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, inst
Parking Lot cantilevered ID sign	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, inst
Interpretive panels	ea	2	\$	7,750.00	\$	15,500.00	2'-3" x 2'-10" panel, wood cantilever post, inst
	ea	3	Ś	1,875.00	\$	5,625.00	5"x12" panel on steel post, installed
Biking / pedestrian 'Share the Path' sign							
Welcome wayside / orientation sign w/ R&Rs- 2 sided	ea	1	\$	9,875.00	\$	9,875.00	2'-6" x 6'-3", full color w/ map, installed
Welcome wayside / orientation sign w/ R&Rs- 3 sided	ea	1	\$	13,125.00	\$	13,125.00	Including 1 hinged glazed case for postings
DCR rules and regulations consolidated signage	ea	1	\$	1,750.00	\$	1,750.00	1'-6" x 2'-6" panel on steel post, installed
Directional internal park information sign	ea	1	\$	2,875.00	\$	2,875.00	8"x30" panel on steel post, installed
Signage & Wayfinding Subtotal					\$	72,000.00	
Site Lighting				·			
New light pole fixture and pole	ea	20	\$	6,000.00	\$	120,000.00	
Electrical handhole	ea	20	\$	1,300.00	\$	26,000.00	
Precast standard foundation	ea	20	\$	1,700.00	\$	34,000.00	
Ground rod	ea	20	\$	150.00	\$	3,000.00	
4" electrical conduit encased in concrete	lf	1600	\$	100.00	\$	160,000.00	
	11	1000	Þ	100.00		·	
Site Lighting Subtotal					\$	343,000.00	
Planting	16	24			,		et
Drainage at Event Lawn	lf	2300	\$	15.00	\$	34,500.00	Flat panel drains at 15' o.c.
Loam amendments at Event lawn	су	1515	\$	30.00	\$	45,450.00	Amend existing to meet High Use Lawn spec
Fine grading at Event Lawn	sy	4550	\$	4.00	\$	18,200.00	
Event lawn seed	sy	4550	\$	10.00	\$	45,500.00	40920sf*1/9
Irrigation at event lawn	ls	1	\$	100,000.00	\$	100,000.00	
Bank vegetative stabilization	sf	1500	\$	25.00	\$	37,500.00	Plant low-growing bank vegetation
					\$		Strip, decompact + amend, seed, 1 yr establish
	sy	2000	\$ \$	15.00		30,000.00	Strip, decompact + amena, seea, 1 yr establish
Soil amendments and Shade meadow around Event Lawn				2,000.00	\$	20,000.00	
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal.	ea	10	٧		-		
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal. Planting Subtotal		10	,		\$	331,150.00	
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal. Planting Subtotal Total Before Contingencies	ea	10	,		\$	1,365,148.00	
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal.  Planting Subtotal Total Before Contingencies Design Contingencies		10	, 			<b>1,365,148.00</b> 273,029.60	
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal. Planting Subtotal Total Before Contingencies	ea	10			\$	1,365,148.00	
Soil amendments and Shade meadow around Event Lawn New trees 3-3.5 cal.  Planting Subtotal Total Before Contingencies Design Contingencies	ea	10	7		<b>\$</b> \$	<b>1,365,148.00</b> 273,029.60	

Exclusions: Contaminated soils remediation, Hazardous materials abatement.

4 Island, Amphitheater, Herter Center		Qty	U	nit cost	Tota	al Cost	
Site Preparation		٦٠,					
Asphalt parking lot paving demolition Lot # 3	sf	11000	\$	3.00	\$	33,000.00	
Asphalt path demolition	sf	30000	\$	3.00	\$	90,000.00	
Granite curb removal	If	600	\$	10.00	\$	6,000.00	Existing curbs not salvageable
Invasive species removal and restoration	ac	1	\$	12,000.00	\$	12,000.00	Removal, herbicide, overseeding, 5 year control.
Tree removal under 24" cal.	ea	15	\$	1,500.00	\$	22,500.00	Hazard / dead trees / path impacts
Tree protection fence	If	3000	\$	12.00	\$	36,000.00	, , , , ,
Erosion control	If	700	\$	8.00	\$	5,600.00	
Misc. other site preparation	ls	1	\$	20,000.00	\$	20,000.00	
Mobilization	ls	1	Ś	20,000.00	\$	20,000.00	
Site Prep Subtotal			· ·	20,000.00	Ś	212,100.00	
Hardscape							
Asphalt parking lot paving, vehicular Lot # 3	sf	23000	\$	8.00	\$	184,000.00	
Asphalt new park paths	sf	24000	\$	8.00	\$	192,000.00	
Concrete bench pad	sf	252	Ś	14.00	\$	3,528.00	4'-6"x9'-4" (42 sf) pads per bench
Vertical Granite Curb	If	1000	\$	100.00	\$	100,000.00	r o xo r (12 sy) pado per serien
New pedestrian bridge, 50' span, 8'-wide	ls	1	\$	250,000.00	\$	250,000.00	Prefabricated bridge, single span
Expand wood boardwalk	sf	800	\$	300.00	\$	240,000.00	add 4' width
Parking lot striping Lot #3	If	1000	\$	5.00	\$	5,000.00	add 4 Width
							Chanadash with Canada Lank bindar
Stabilized stonedust surfacing	sf	13000	\$	7.00	\$	91,000.00	Stonedust with Organic-Lock binder
Bank stabilization with stone remnants at overlooks	ls	1	\$	20,000.00	\$	20,000.00	
Hardscape Subtotal					\$	1,085,528.00	
Stormwater		1620	4	20.00	<b>,</b>	22 700 00	
Bioretention area	sf	1639	\$	20.00	\$	32,780.00	
Lot 3 Subsurface Corrugated Pipe Detention System	ls	1	\$	550,000.00	\$	550,000.00	
Pretreatment chamber			\$	6,000.00			
Pretreatment Chamber	ea	2	\$	6,000.00	\$	12,000.00	
Moat dredging	ton	3188	\$	70.00	\$	223,160.00	46,000 sf at 3' depth = 5,100 cubic yards - Ask Rick o
Stormwater Subtotal					\$	817,940.00	
Misc. Site Improvements							
Benches new or existing refurbished & reinstalled	ea	6	\$	1,800.00	\$	10,800.00	DCR standard Shurcliff bench, installed
Trash receptacles	ea	1	\$	3,600.00	\$	3,600.00	DCR standard Dumor 157-32, installed
Misc. Site Improvements Subtotal					\$	3,600.00	
Amphitheater							
Granite terraces and steps	lf	620	\$	500.00	\$	310,000.00	Cut granite blocks with concrete footings
Wood stage and ramp	sf	1320	\$	90.00	\$	118,800.00	Wood structure, concrete footings, Ipe decking
							Excluding 35-40% project soft costs (A&E, project
Green Room 8' w x 26' I single story, w/ unisex restroom	sf	208	\$	350.00	\$	72,800.00	management, FF+E, legal, moving costs, etc.)
Stage Canopy with integrated stage lighting truss	ls	1	\$	100,000.00	\$	100,000.00	
Portable toilets screen fence enclosure	If	50	\$	200.00	\$	10,000.00	Steel posts, wood slats 8' ht. fence + canopy
Other theater area improvements	ls	1	\$	15,000.00	\$	15,000.00	
Amphitheater Subtotal				•	\$	626,600.00	
Herter Center Rehabilitation							
							Excluding 35-40% project soft costs (A&E, project
Herter Center Building rehabilitation	sf	5875	\$	650.00	\$	3,818,750.00	management, FF+E, legal, moving costs, etc.)
Demolition	sf	5875	\$	5.87	\$	34,486.25	
Hazardous Materials Abatement	sf	5875	\$	8.80	\$	51,700.00	
Roof-mounted Photovoltaic Array	ls	1	\$	105,500.00	\$	105,000.00	Assumes 3,000 SF, 30 KW array @ \$3,500.00 per K
Herter Center Rehabilitation Subtotal				,	\$	4,009,936.25	, , , , , , , , , , , , , , , , , , , ,
High School Rowing new buildings							
							Excluding 35-40% project soft costs (A&E, project
Boat Storage Building - 20' x 90' (Large)	sf	1800	\$	420.00	\$	756,000.00	management, FF+E, legal, moving costs, etc.)
Boat Storage Building - 20' x 70' (Small)	sf	1400	\$	420.00	\$	588,000.00	Excluding 35-40% project soft costs
New dock, permanent	sf	2600	\$	250.00	\$	650,000.00	
High School Rowing Subtotal	-				\$	1,994,000.00	
Signage & Wayfinding					· · · · ·	, ,	
Facility ID Cantilevered sign	ea	2	\$	7,750.00	\$	15,500.00	2'-3" x 2'-10" panel, wood cantilever post, installed
Parking Lot cantilevered ID sign	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, installed
Interpretive panels	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, installed
Biking / pedestrian 'Share the Path' sign	ea	1	\$	1,875.00	\$	1,875.00	5"x12" panel on steel post, installed
Welcome wayside / orientation sign w/ R&Rs- 2 sided		1	\$		\$		2'-6" x 6'-3", full color w/ map, installed
	ea			9,875.00		9,875.00	
Directional internal park information sign	ea	1	\$	2,875.00	\$	2,875.00	8"x30" panel on steel post, installed
Parking standard signs at accessible / reserved parking	ea	3	\$	300.00	\$	900.00	MassDOT aluminum signs on steel posts, installed
Signage & Wayfinding Subtotal					\$	46,525.00	
Planting	c.£	1500	_	25.00	_	27 500 00	
Bank vegetative restoration and tree pruning at overlooks only		1500	\$	25.00	\$	37,500.00	
Woodland understory planting - limited areas	sf	300	\$	25.00	\$	7,500.00	
Loam and seed at removed hardscape and at edges of new		455					
hardscape	су	150	\$	50.00	\$	7,500.00	
seed at removed hardscape and at edges of new hardscape	sy	450	\$	20.00	\$	9,000.00	
Planting Subtotal					\$	52,500.00	
Total Before Contingencies					\$	8,848,729.25	
Design Contingencies	20%				\$	1,769,745.85	=
Total w/ Design Contingency					\$	10,618,475.10	
Construction Contingencies	20%				\$	2,123,695.02	•
TOTAL Island, Amphitheater, Herter Center						12,742,170.12	
, , , , , , , , , , , , , , , , , , , ,					-		•

Exclusions: Contaminated soils remediation, Hazardous materials abatement.

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East Lawn to Eliot Bridge		Qty	ι	Jnit cost	Tota	al Cost	
Site Preparation		-4-1					
Asphalt parking lot paving demolition	sf	36000	\$	3.00	\$	108,000.00	
Asphalt path removal	sf	30000	۶ \$	3.00	\$	90,000.00	
Concrete bench pad demolition	sf	1200	\$	4.00	\$	4,800.00	30 sf each pad
Granite curb removal	SI If	1900	۶ \$	10.00	\$	19,000.00	Assume not salvageable
Tree removal under 24" cal.	ea	20	۶ \$	1,500.00	\$	30.000.00	Hazard trees and hardscape impacts
Tree protection fence	lf	3500	\$	12.00	\$	42,000.00	Portable CLF
Erosion control	lf	1800	\$	8.00	\$	14,400.00	Compost sock
Catch basin removal	ea	2	\$	800.00	\$	1,600.00	Compost sock
Misc. other site preparation	ls	1	\$	10.000.00	\$	10,000.00	
Mobilization	ls	1	\$	10,000.00	\$	10,000.00	
Site Prep Subtotal	13	1	ڔ	10,000.00	\$	329,800.00	
Hardscape						023,000.00	
Asphalt parking lot paving, vehicular Lots # 1 + 2	sf	36000	\$	8.00	\$	288,000.00	
Asphalt new park paths	sf	40000	\$	8.00	\$	320,000.00	
Concrete dumpster pad	sf	150	\$	14.00	\$	2,100.00	
Concrete bench or table pad new	sf	1512	\$	9.00	\$	13,608.00	4'-6"x9'-4" (42 sf) pads per bench
Stabilized stonedust surfacing	sf	3330	\$	7.00	\$	23,310.00	Stonedust with Organic-Lock binder
Parking Lot Striping Lots # 1 + 2	lf	2000	\$	5.00	\$	10,000.00	3
Accessible curb ramp	ea	5	\$	14.00	\$	70.00	
Vertical Granite Curb	If	1800	\$	100.00	\$	180,000.00	
Bank stabilization with stone remnants at overlooks	ls	1	\$	40,000.00	\$	40,000.00	
Hardscape Subtotal				,	\$	877,088.00	
Stormwater					<u> </u>	,	
Bioretention swale / Rain Garden	sf	2100	\$	20.00	\$	42,000.00	
Pretreatment Chamber	ea	2	\$	6,000.00	\$	12,000.00	
Drainage pipe	If	975	\$	85.00	\$	82,875.00	HDPE pipe
Drainage at Event Lawn	If	5000	\$	15.00	\$	75,000.00	Flat panel drains at 15' o.c.
Contech Jellyfish Filter	ea	1	\$	250,000.00	\$	250,000.00	
Catch Basins/ drain manholes	ea	8	\$	6,000.00	\$	48,000.00	
Lot 1 Subsurface Corrugated Pipe Detention System	ls	1	\$	450,000.00	\$	450,000.00	
Lot 2 Subsurface Corrugated Pipe Detention System	ls	1	\$	375,000.00	\$	375,000.00	
Stormwater Subtotal					\$	1,334,875.00	
Misc. Site Improvements							
Benches new or existing refurbished & reinstalled	ea	36	\$	1,800.00	\$	64,800.00	DCR standard Shurcliff bench, installed
Picnic tables new	ea	6	\$	2,100.00	\$	12,600.00	DCR standard: Dumor 77-68-1D, ADA
Trash receptacle	ea	3	\$	3,600.00	\$	10,800.00	
Dumpster and Porta Potty screen fence enclosure	lf	75	\$	200.00	\$	15,000.00	Steel posts, wood slats 8' ht. fence + canopy
Drinking Fountain	ea	2	\$	15,000.00	\$	30,000.00	
Misc. Site Improvements Subtotal					\$	133,200.00	
Signage & Wayfinding							
Main Identification Sign	ea	1	\$	7,750.00	\$	7,750.00	
Facility ID Cantilevered sign	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, insta
Parking Lot cantilevered ID sign	ea	2	\$	7,750.00	\$	15,500.00	
Biking / pedestrian 'Share the Path' sign	ea	3	\$	1,875.00	\$	5,625.00	5"x12" panel on steel post, installed
Welcome wayside / orientation sign w/ R&Rs- 2 sided	ea	2	\$	9,875.00	\$	19,750.00	2'-6" x 6'-3", full color w/ map, installed
Directional internal park information sign	ea	1	\$	2,875.00	\$	2,875.00	8"x30" panel on steel post, installed
Parking standard signs at accessible / reserved parking	ea	4	\$	300.00	\$	1,200.00	MassDOT aluminum signs on steel posts, instal
Signage & Wayfinding Subtotal					\$	60,450.00	
Planting							
Fine grading at Event Lawn	sy	8000	\$	4.00	\$	32,000.00	72000 sf
Fine Grading at Lawn Bowl	sy	4600	\$	4.00	\$	18,400.00	42000 sf
Loam amendments at Event Lawn	су	2600	\$	25.00	\$	65,000.00	Amend existing to meet High Use Lawn spec
Loam amendments at Lawn Bowl	су	1525	\$	25.00	\$	38,125.00	Amend existing to meet High Use Lawn spec
Seed at Event Lawn Seed at Lawn Bowl	sy	8000	\$ \$	10.00	\$ \$	80,000.00	
	sy	4550		10.00		45,500.00	
Bank vegetative stabilization	ls	1	\$	50,000.00	\$	50,000.00	Damain and amand act and and actally
Meadow seeding between path and bank	sy	13780	\$	15.00	\$	206,700.00	Remove sod, amend soil, seed and establishme
New trees 3-3.5 cal.	ea	56	\$	2,000.00	\$	112,000.00	
Planting Subtotal					\$	647,725.00	
Total Before Contingencies	200/				\$	3,383,138.00	
Design Contingencies	20%				\$	676,627.60	
Total w/ Design Contingency	2001				\$	4,059,765.60	
Construction Contingencies	20%				\$	811,953.12	_
TOTAL East Lawn to Eliot Bridge Improvements					\$	4,871,718.72	

 ${\it Exclusions: Site lighting and other electrical improvements; Mitch Ryerson Play Structure}$ 

6 East Meadow Past Eliot Bridge		Qty	U	nit cost	Tot	al Cost	
Site Preparation							
Asphalt path removal	sf	13000	\$	3.00	\$	39,000.00	
Gravel or stonedust path removal	sf	17000	\$	2.00	\$	34,000.00	6" gravel and subbase removal
Tree removal under 24" cal. hazard trees , vista	ea	18	\$	1,500.00	\$	27,000.00	Hazard / path impacts / vista
Tree protection fence	ls	2500	\$	12.00	\$	30,000.00	Portable CLF
Erosion control	lf	1700	\$	8.00	\$	13,600.00	Compost sock
Invasive species removal	ac	2.5	\$	12,000.00	\$	30,000.00	Removal, herbicide, overseeding, 5 year control.
Misc. other site preparation	ls	1	\$	10,000.00	\$	10,000.00	
Mobilization	ls	1	\$	10,000.00	\$	10,000.00	
Site Prep Subtotal					\$	154,600.00	
Hardscape							
Asphalt new park paths	sf	19000	\$	8.00	\$	152,000.00	
Asphalt shared use path 12'-wide	sf	16800	\$	8.00	\$	134,400.00	Dr. Paul Dudley White realigned segment
Concrete bench new	sf	630	\$	9.00	\$	5,670.00	4'-6"x9'-4" (42 sf) pads per bench
Stabilized stonedust surfacing	sf	3700	\$	7.00	\$	25,900.00	Stonedust with Organic-Lock binder
Bank stabilization with stone remnants at overlooks	ls	1	\$	25,000.00	\$	25,000.00	
Hardscape Subtotal					\$	342,970.00	
Stormwater							
Bioretention swale / Rain Garden	sf	4700	\$	20.00	\$	94,000.00	
Stormwater Subtotal							
Misc. Site Improvements							
Benches new or existing refurbished & reinstalled	ea	15	\$	1,800.00	\$	27,000.00	DCR standard Shurcliff bench, installed
Misc. Site Improvements Subtotal					\$	27,000.00	
Signage & Wayfinding				7 750 00		7 750 00	21.211.21.4011
Interpretive panels	ea	1	\$	7,750.00	\$	7,750.00	2'-3" x 2'-10" panel, wood cantilever post, installed
Biking / pedestrian 'Share the Path' sign	ea	1	\$	1,875.00	\$	1,875.00	5"x12" panel on steel post, installed
Directional internal park information sign	ea	1	\$	2,875.00	\$ <b>\$</b>	2,875.00	8"x30" panel on steel post, installed
Signage & Wayfinding Subtotal Planting					\$	12,500.00	
Fine Grading at Lawn	C) /	3300	\$	4.00	\$	13,200.00	
Seeding at Lawn	sy	3300	۶ \$	10.00	\$	33,000.00	
Bank vegetative stabilization at vista	sy Is	3300	۶ \$	25,000.00	\$	25,000.00	
Meadow seeding		17440	\$	15.00	\$	261,600.00	Remove sod, amend soil, seed and establishment
New trees 3-3.5 cal.	sy ea	36	۶ \$	2.000.00	\$	72,000.00	Kemove sou, umena son, seea ana establishment
Planting Subtotal	еа	30	Ş	2,000.00	\$	404,800.00	
Total Before Contingencies					\$	941,870.00	
Design Contingencies	20%				\$	188,374.00	
Total w/ Design Contingency	_0,0				\$	1,130,244.00	
Construction Contingencies	20%				\$	226,048.80	
TOTAL East Lawn to Eliot Bridge Improvements						1,356,292.80	]
					7	,,	

Exclusions: Roadway demolition and reconstruction for Soldiers Field Road and Dr. Paul Dudley White Path (included elsewhere).

	Qty	U	nit cost	Tota	al Cost	
	233900		3.00		701,700.00	
	48456		3.00			
			4.00			
	18660		10.00		186,600.00	Existing curbs not salvageable
lf	2350		12.00			
ea	12	\$	1,500.00	\$	18,000.00	New layout affecting median
lf	12500	\$	12.00	\$	150,000.00	Portable CLF
ea	30	\$	800.00	\$	24,000.00	
lf	7000		30.00		210,000.00	
ea	50	\$	800.00	\$	40,000.00	
ls	1	\$	50,000.00	\$	50,000.00	
ls	1	\$	20,000.00	\$	20,000.00	
				\$	1,595,868.00	
						Only to Eliot Bridge Intersection.
	35000		1.50		52,500.00	Thermoplastic paint
lf	1300	\$	1.50	\$	1,950.00	Thermoplastic paint
ea	20	\$	400.00	\$	8,000.00	Thermoplastic paint
ls	1	\$	10,000.00	\$	10,000.00	Misc. traffic signs installed
				\$	656,450.00	
sf	45000	\$	20.00	\$	900,000.00	Assume 75% of length of path and 10'-w
				\$	900,000.00	
Is	1	Ş .	3,000,000.00			Includes shared path realignment
				<u>\$</u>	3,000,000.00	
Is	1	\$	1,000,000.00			excludes Eliot Street improvements
				Þ	1,000,000.00	
	27	,	0.000.00	٠.	242 000 00	1351 +
			,			
						100° o.c. typ.
			,			
ea	3	\$	10,000.00			
				,	1,865,350.00	
614	10262	ė	4.00	,	72 047 11	
ea	15	\$	2,000.00			
					•	
				\$	9,303,332.89	
2001						
20%				\$	1,860,666.58	•
20%					1,860,666.58 <b>11,163,999.47</b> 2,232,799.89	
	If ea If ea Is Is Is If	sf 233900 sf 48456 sf 5500 lf 18660 lf 2350 ea 12 lf 12500 ea 30 lf 7000 ea 50 ls 1 ls 1  sf 73000 lf 35000 lf 35000 lf 3000 lf 1300 ea 20 ls 1  sf 45000  se 20 ls 1  sf 45000  sf 45000  sf 45000	sf 233900 \$ sf 48456 \$ sf 5500 \$ lf 18660 \$ lf 2350 \$ ea 12 \$ lf 12500 \$ ea 30 \$ lf 7000 \$ ea 50 \$ ls 1 \$ sf 73000 \$ lf 35000 \$ lf 35000 \$ lf 35000 \$ lf 1300 \$ ea 20 \$ ls 1 \$  sf 45000 \$	sf         233900         \$ 3.00           sf         48456         \$ 3.00           sf         5500         \$ 4.00           lf         18660         \$ 10.00           lf         18660         \$ 12.00           ea         12         \$ 1,500.00           lf         12500         \$ 12.00           ea         30         \$ 800.00           lf         7000         \$ 30.00           ea         50         \$ 800.00           ls         1         \$ 50,000.00           ls         1         \$ 20,000.00           sf         73000         \$ 8.00           lf         35000         \$ 1.50           ea         20         \$ 400.00           ls         1         \$ 10,000.00     Sf 45000  \$\$  \$\$ 1 \$ 1,000,000.00   The standard representation of the standard representation	sf         233900         \$ 3.00         \$           sf         48456         \$ 3.00         \$           sf         5500         \$ 4.00         \$           lf         18660         \$ 10.00         \$           lf         2350         \$ 12.00         \$           ea         12         \$ 1,500.00         \$           lf         12500         \$ 12.00         \$           ea         30         \$ 800.00         \$           lf         7000         \$ 30.00         \$           ea         50         \$ 800.00         \$           ls         1         \$ 20,000.00         \$           st         1         \$ 20,000.00         \$           st         1         \$ 20,000.00         \$           sf         73000         \$ 8.00         \$           sf         1.50         \$         \$           sf         40.00	sf         233900         \$ 3.00         \$ 701,700.00           sf         48456         \$ 3.00         \$ 145,368.00           sf         5500         \$ 4.00         \$ 22,000.00           lf         18660         \$ 10.00         \$ 186,600.00           lf         2350         \$ 12.00         \$ 28,200.00           ea         12         \$ 1,500.00         \$ 18,000.00           lf         12500         \$ 12.00         \$ 150,000.00           ea         30         \$ 800.00         \$ 24,000.00           lf         7000         \$ 30.00         \$ 210,000.00           ea         50         \$ 800.00         \$ 40,000.00           ls         1         \$ 50,000.00         \$ 50,000.00           ls         1         \$ 20,000.00         \$ 50,000.00           sf         73000         \$ 8.00         \$ 584,000.00           lf         35000         \$ 1.50         \$ 52,500.00           lf         1300         \$ 1.50         \$ 1,950.00           ea         20         \$ 400.00         \$ 8,000.00           sf         45000         \$ 20,000.00         \$ 900,000.00           ls         1         \$ 1,000,000.00

 ${\it Exclusions: Everett Street from Western Avenue\ to\ the\ Soldiers\ Field\ Road\ intersection.}$ 

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