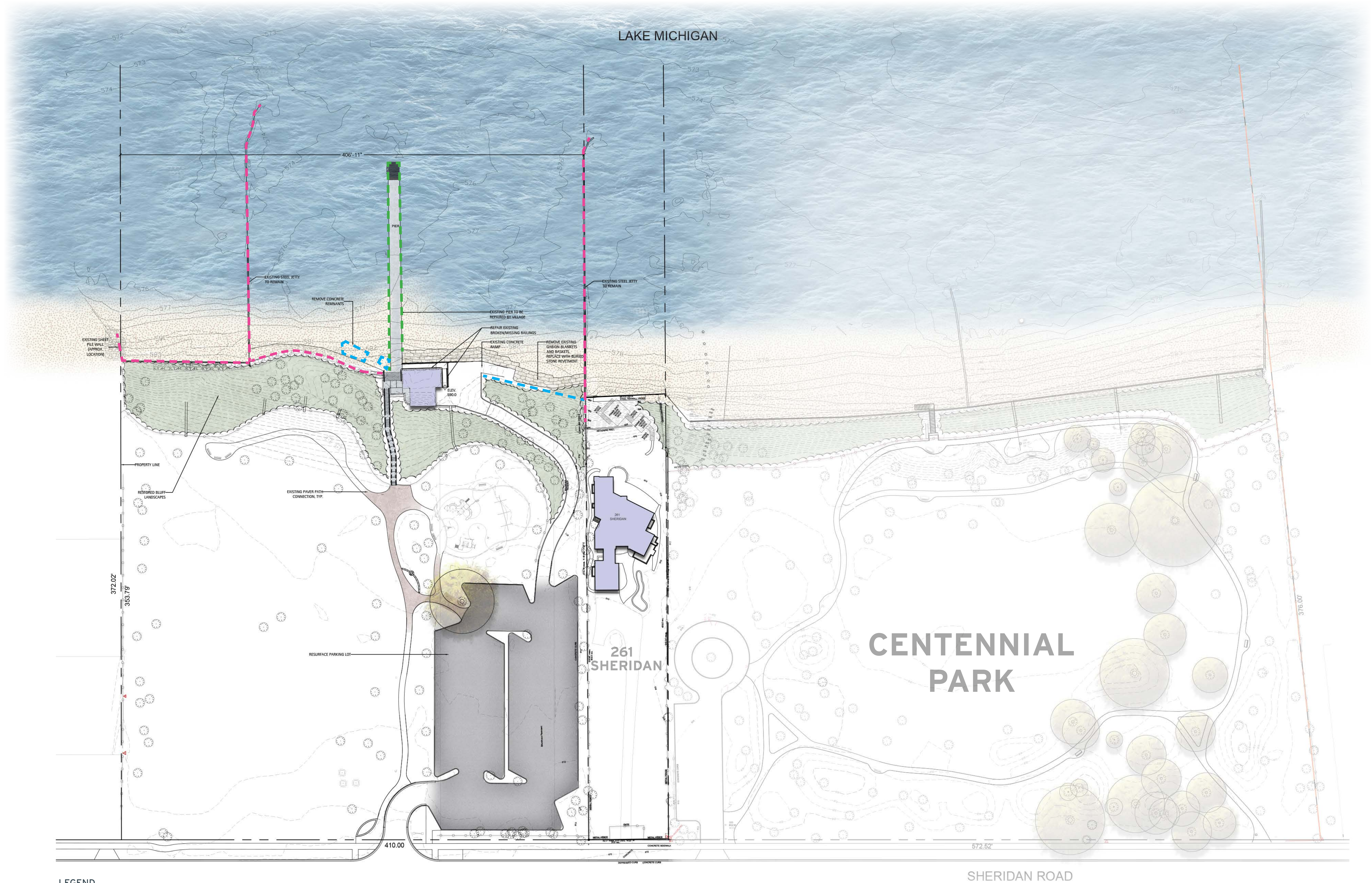




- LEGEND**
- PROPOSED BLUFF RESTORATION
 - ACCESS TO BEACH
 - SHEET PILE (PROPOSED)
 - SHEET PILE/STRUCTURE (EXISTING)
 - SHEET PILE/STRUCTURE TO BE REMOVED
 - SHEET PILE/STRUCTURE TO BE REPAIRED (BY OTHERS)



Elder Lane + Centennial: Workshop Design Draft Options

Elder Lane Park + Beach:

OPTION 1:

Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Removal of gabions	\$ 60,000.00	1	\$ 60,000.00
Buried Stone Revetment 12 ton per ft.	\$ 2,500.00	160	\$ 400,000.00
Concrete demo/removal	\$ 100.00	600	\$ 60,000.00
Bluff Restoration	\$ 150,000.00	1	\$ 150,000.00
Sand Placement Mason Sand	\$ 45.00	2000	\$ 90,000.00
Paving of Parking Lot	\$ 6.00	26254	\$ 157,524.00
Pier Repairs (by others) *	\$ 400,000.00	1	\$ 400,000.00

TOTAL

\$ 1,517,524.00

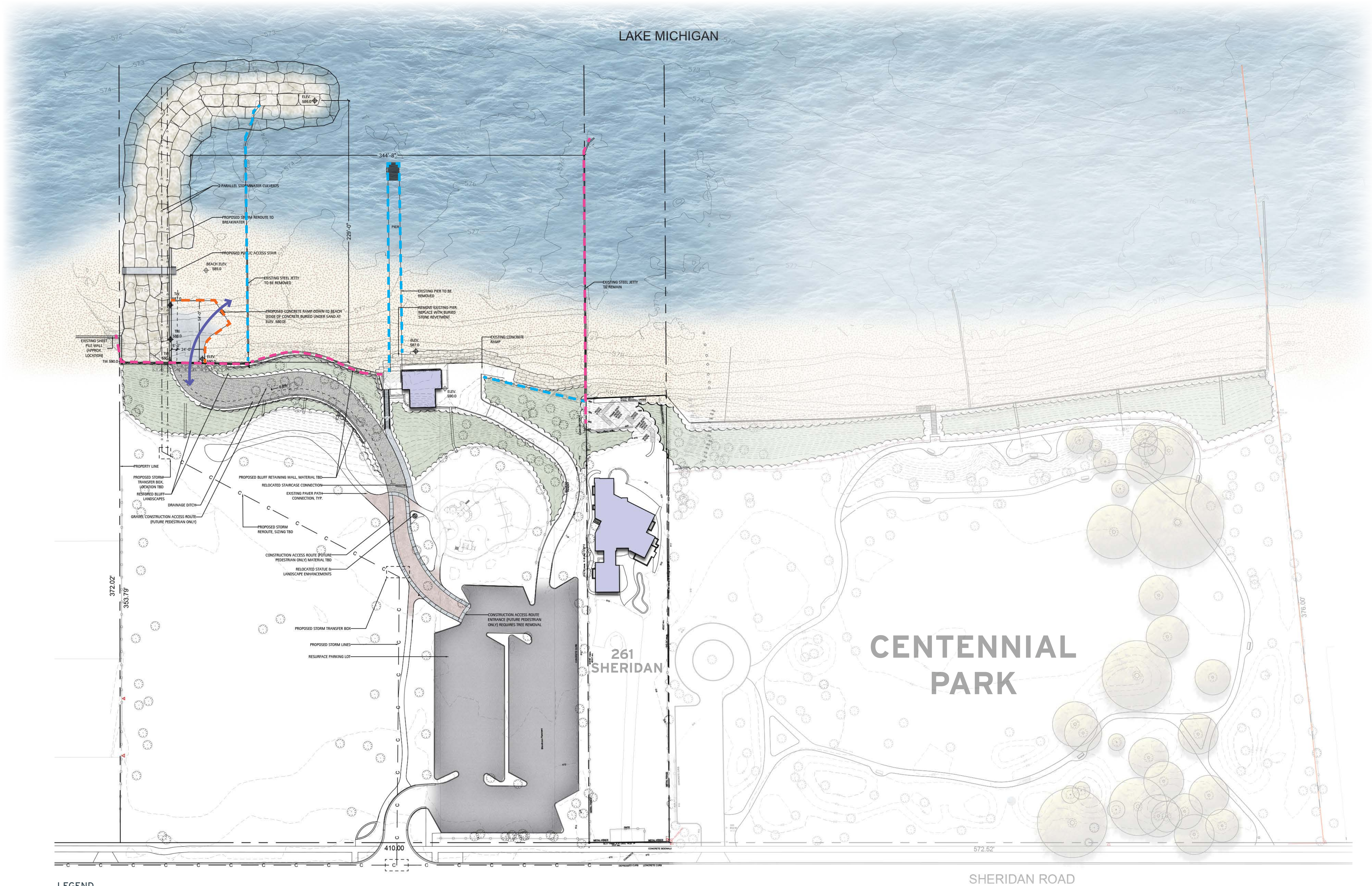
SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.)

\$ 90,000.00

TOTAL

\$ 1,607,524.00



LEGEND

- PROPOSED BLUFF RESTORATION
- ACCESS TO BEACH
- SHEET PILE (PROPOSED)
- SHEET PILE/STRUCTURE (EXISTING)
- SHEET PILE/STRUCTURE TO BE REMOVED

ELDER/CENTENNIAL BEACH FEASIBILITY STUDY

PHASE 1 | ELDER OPTION 2 (WORKSHOP DRAFT - FOR DISCUSSION PURPOSES ONLY)

WINNETKA, ILLINOIS

SCALE: 1"=40'
0 20' 40' 80' NORTH
WORKSHOP DRAFT AUGUST 25, 2022

PROJECT TEAM:
SPACECO
CBBEL
SHABICA

PREPARED FOR:
WINNETKA PARK DISTRICT

THE
LAKOTA
GROUP.
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Elder Lane + Centennial: Workshop Design Draft Options

Elder Lane Park + Beach:

OPTION 2:

Land Based

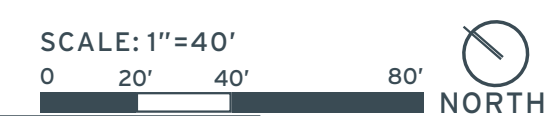
ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Buried Stone Revetment 12 ton per ft.	\$ 2,500.00	175	\$ 437,500.00
Concrete demo/removal	\$ 100.00	600	\$ 60,000.00
Bluff Restoration	\$ 150,000.00	1	\$ 150,000.00
Sand Placement Mason Sand	\$ 45.00	9600	\$ 432,000.00
Paving of Parking Lot	\$ 6.00	26254	\$ 157,524.00
35 ton per foot breakwater	\$ 5,820.00	300	\$ 1,746,000.00
15 ton per foot 1/2 breakwater	\$ 3,000.00	100	\$ 300,000.00
Stone Steps 35 Ton Breakwater	\$ 55,000.00	1	\$ 55,000.00
Steel Sheet Piling 30'	\$ 3,200.00	200	\$ 640,000.00
Concrete for ramp	\$ 100.00	1700	\$ 170,000.00
Access Roadway Stone w/Drainage	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 100,000.00	1	\$ 100,000.00
Relocated Stormwater Outfall 60" LF	\$ 600.00	500	\$ 300,000.00
Relocated Stormwater Outfall 36" LF	\$ 450.00	650	\$ 292,500.00
Demo (steel, pier, misc.)	\$ 220,000.00	1	\$ 220,000.00

TOTAL **\$ 5,910,524.00**

SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.) **\$ 175,000.00**

TOTAL **\$ 6,085,524.00**





Elder Lane + Centennial: Workshop Design Draft Options

Elder Lane Park + Beach:

OPTION 3:

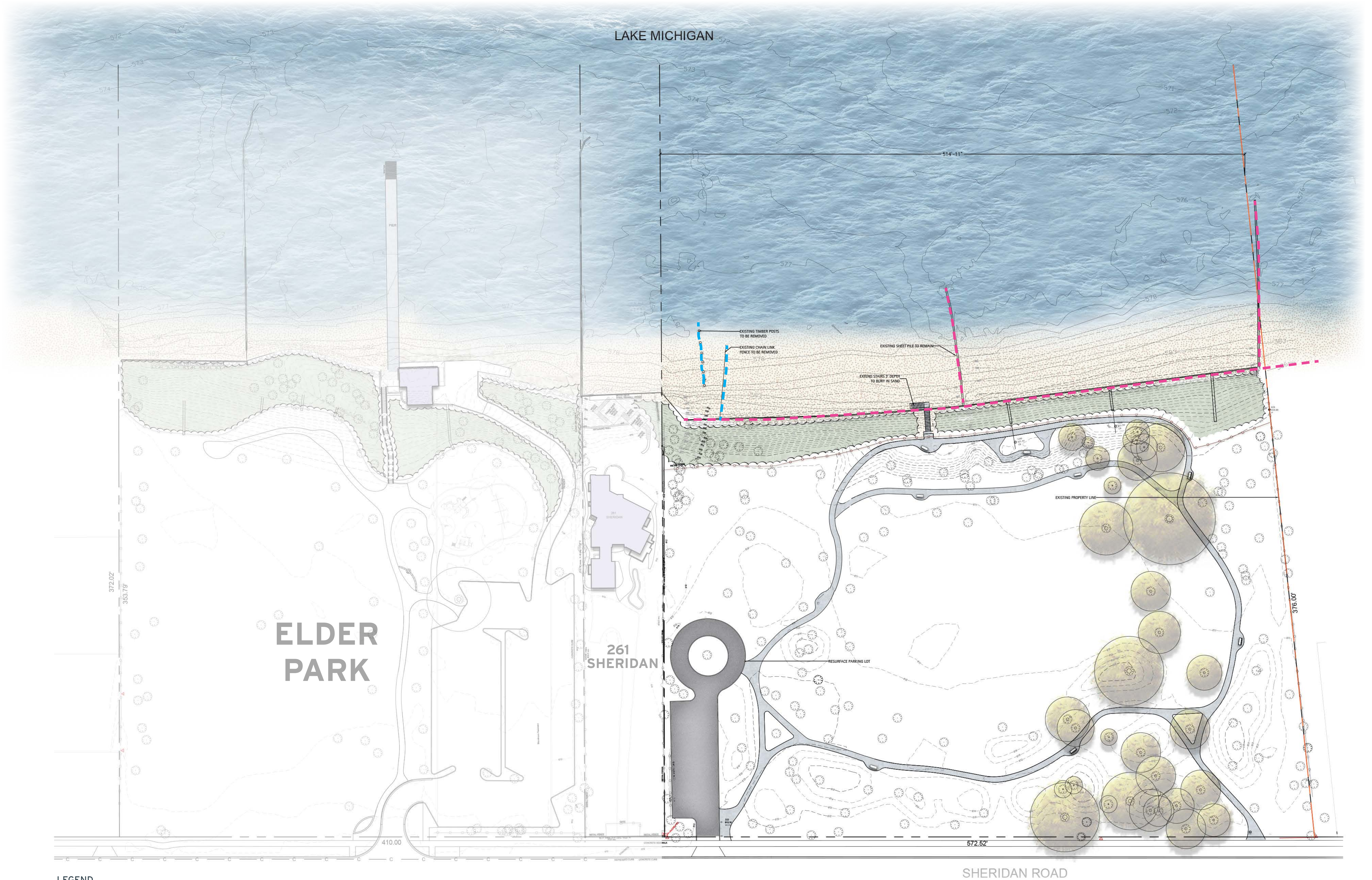
Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Buried Stone Revetment 12 ton per ft.	\$ 2,500.00	160	\$ 400,000.00
Concrete demo/removal	\$ 100.00	600	\$ 60,000.00
Bluff Restoration	\$ 150,000.00	1	\$ 150,000.00
Sand Placement Mason Sand	\$ 45.00	10800	\$ 486,000.00
Paving of Parking Lot	\$ 6.00	26254	\$ 157,524.00
35 ton per foot breakwater	\$ 5,820.00	300	\$ 1,746,000.00
15 ton per foot 1/2 breakwater	\$ 3,000.00	100	\$ 300,000.00
Stone Steps 35 Ton Breakwater	\$ 55,000.00	1	\$ 55,000.00
Steel Sheet Piling 30'	\$ 3,200.00	420	\$ 1,344,000.00
Concrete for ramps (Vehicle & Walkway)	\$ 100.00	2120	\$ 212,000.00
Access Roadway Stone w/Drainage	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 100,000.00	1	\$ 100,000.00
Relocated Stormwater Outfall 60" LF	\$ 600.00	500	\$ 300,000.00
Relocated Stormwater Outfall 36" LF	\$ 450.00	650	\$ 292,500.00
Demo (steel, pier, misc.)	\$ 220,000.00	1	\$ 220,000.00
Elevate Ipe Boardwalk 200 lf	\$ 525,000.00	1	\$ 525,000.00
TOTAL			\$ 7,198,024.00

SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.) **\$ 200,000.00**

TOTAL **\$ 7,398,024.00**



- LEGEND**
- PROPOSED BLUFF RESTORATION
 - ACCESS TO BEACH
 - SHEET PILE (PROPOSED)
 - SHEET PILE/STRUCTURE (EXISTING)
 - SHEET PILE/STRUCTURE TO BE REMOVED



Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 1:

Land Based

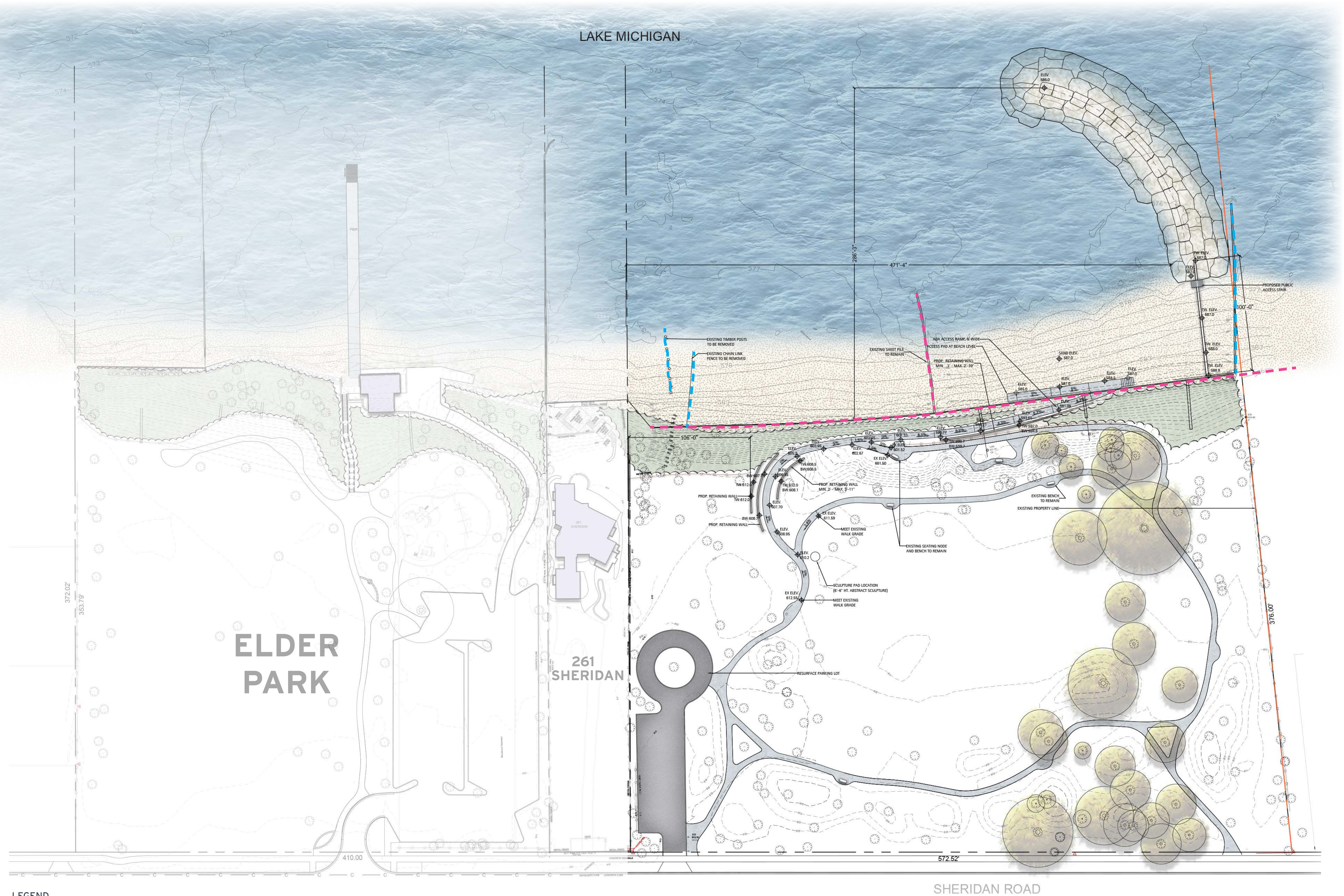
ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 25,000.00	1	\$ 25,000.00
Removal of Fencing and Wooden Structures	\$ 25,000.00	1	\$ 25,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
Extend Stairs	\$ 2,000.00	1	\$ 2,000.00

TOTAL **\$ 212,800.00**

SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.) **\$ 90,000.00**

TOTAL **\$ 302,800.00**





Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 2:

Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Demo (Steel, fencing, wood piles)	\$ 100,000.00	1	\$ 100,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Sand Placement Mason Sand	\$ 45.00	12000	\$ 540,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
35 ton per foot breakwater	\$ 5,820.00	250	\$ 1,455,000.00
Steel Staircase Lump Sum	\$ 50,000.00	1	\$ 50,000.00
Steel Sheet Piling 30'	\$ 3,200.00	228	\$ 729,600.00
Concrete for ramp	\$ 100.00	812	\$ 81,200.00
Access Roadway Stone w/Drainage (TBD)	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 120,000.00	1	\$ 120,000.00
ADA walkway and connection Lump Sum	\$ 300,000.00	1	\$ 300,000.00

TOTAL

\$ 4,386,600.00

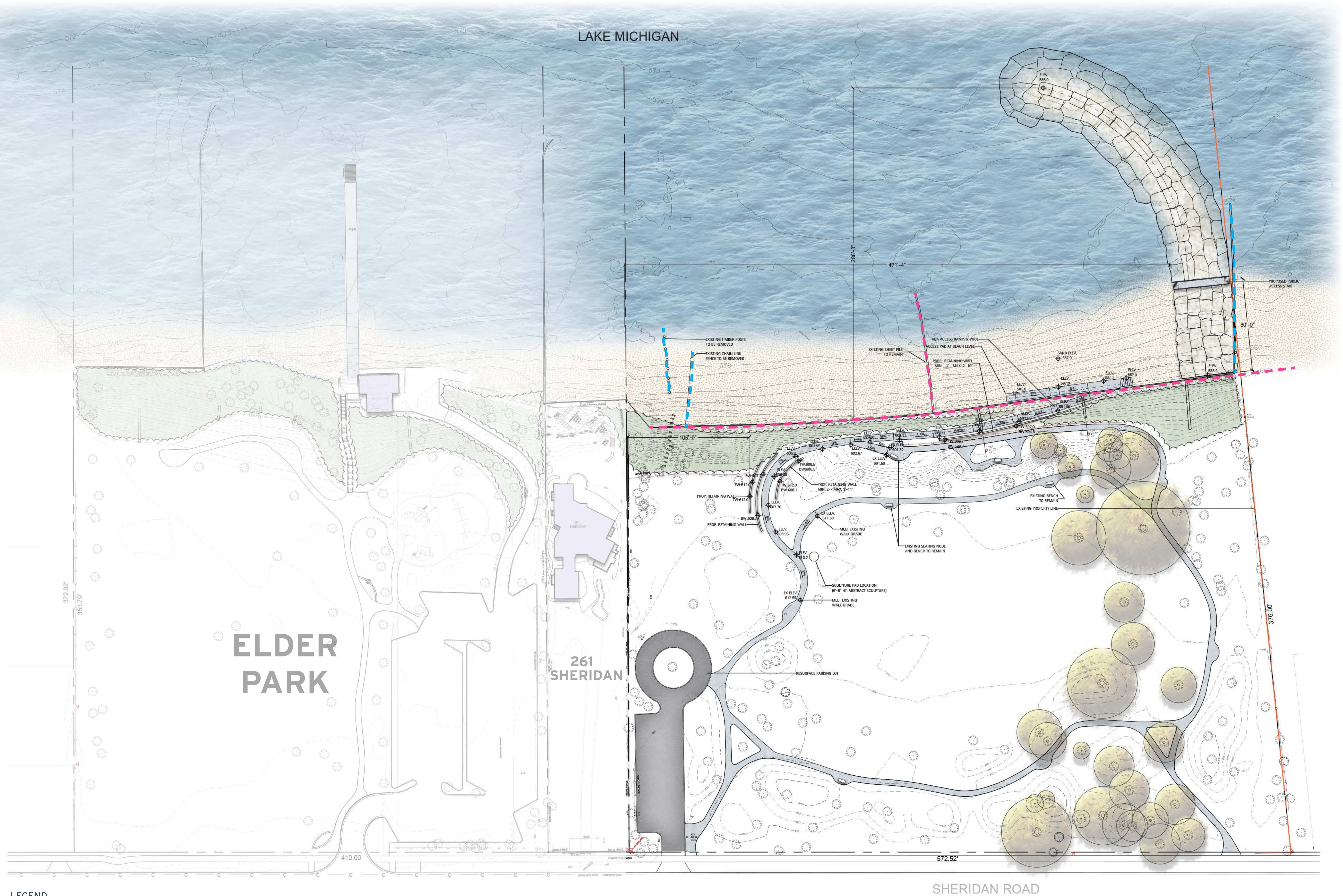
SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.)

\$ 175,000.00

TOTAL

\$ 4,561,600.00





Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 3:

Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Demo (Steel, fencing, wood piles)	\$ 100,000.00	1	\$ 100,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Sand Placement Mason Sand	\$ 45.00	10000	\$ 450,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
35 ton per foot breakwater	\$ 5,820.00	350	\$ 2,037,000.00
Granite Staircase Lump Sum	\$ 55,000.00	1	\$ 55,000.00
Steel Sheet Piling 30'	\$ 3,200.00	128	\$ 409,600.00
Concrete for ramp	\$ 100.00	812	\$ 81,200.00
Access Roadway Stone w/Drainage (TBD)	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 120,000.00	1	\$ 120,000.00
ADA walkway and connection Lump Sum	\$ 300,000.00	1	\$ 300,000.00
TOTAL			\$ 4,563,600.00

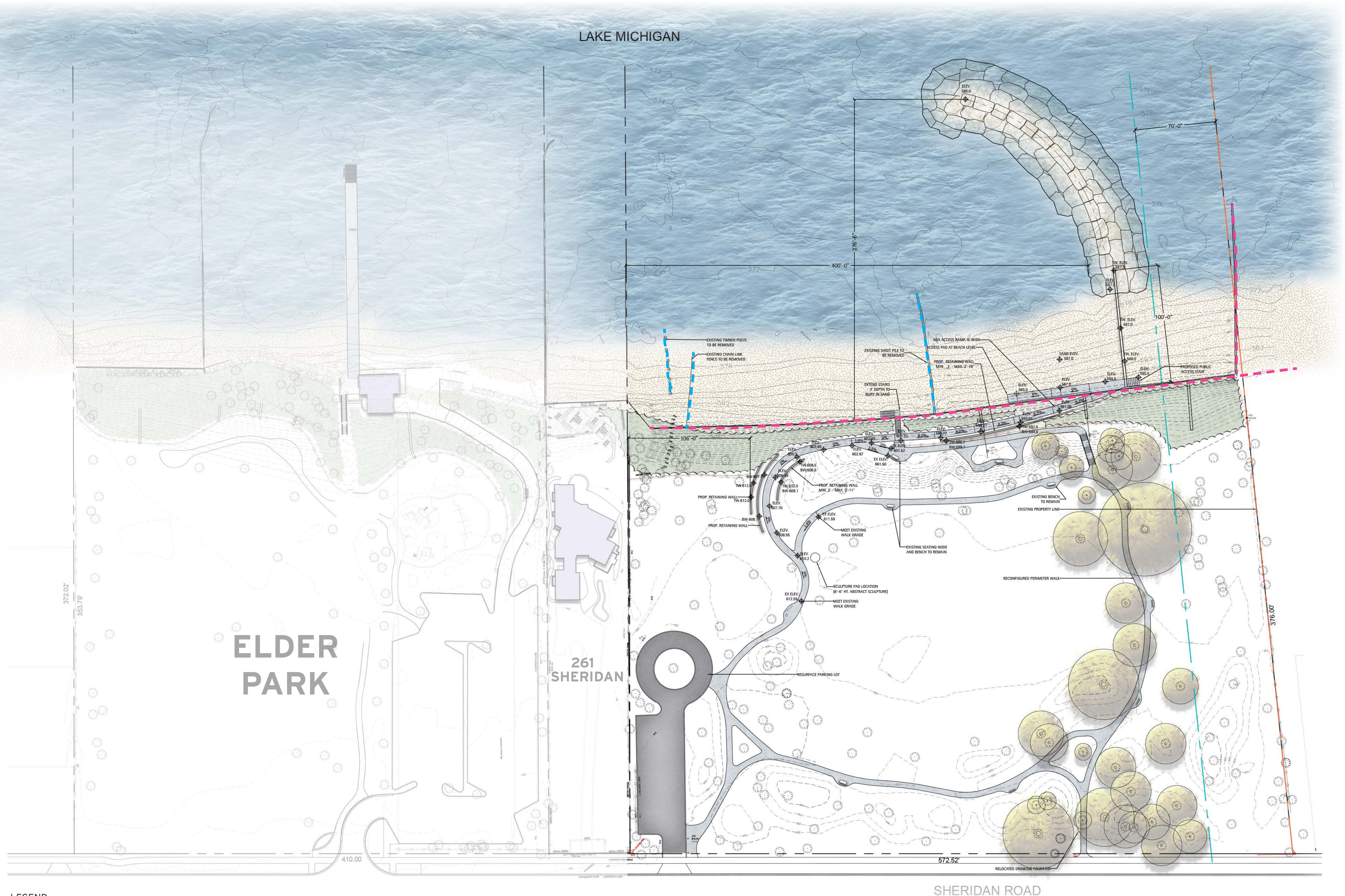
SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.)

\$ 175,000.00

TOTAL

\$ 4,738,600.00



LEGEND

- PROPOSED BLUFF RESTORATION
- ACCESS TO BEACH
- SHEET PILE (PROPOSED)
- SHEET PILE/STRUCTURE (EXISTING)
- SHEET PILE/STRUCTURE TO BE REMOVED

ELDER/CENTENNIAL BEACH FEASIBILITY STUDY

PHASE 2 | CENTENNIAL OPTION 4 (WORKSHOP DRAFT - FOR DISCUSSION PURPOSES ONLY)

WINNETKA, ILLINOIS

SCALE: 1"=40'
0 20' 40' 80' NORTH
WORKSHOP DRAFT AUGUST 25, 2022

PROJECT TEAM:
SPACECO
CBREL
SHABICA

PREPARED FOR:
WINNETKA PARK DISTRICT

THE
LAKOTA
GROUP.
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Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 4:

Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Demo (Steel, fencing, wood piles)	\$ 100,000.00	1	\$ 100,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Sand Placement Mason Sand	\$ 45.00	12000	\$ 540,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
35 ton per foot breakwater	\$ 5,820.00	250	\$ 1,455,000.00
Steel Staircase Lump Sum	\$ 25,000.00	1	\$ 25,000.00
Steel Sheet Piling 30'	\$ 3,200.00	228	\$ 729,600.00
Concrete for ramp	\$ 100.00	812	\$ 81,200.00
Access Roadway Stone w/Drainage (TBD)	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 120,000.00	1	\$ 120,000.00
Park Improvements (walkways and drinking fountain)	\$ 110,000.00	1	\$ 110,000.00
ADA walkway and connection Lump Sum	\$ 300,000.00	1	\$ 300,000.00
TOTAL			\$ 4,471,600.00

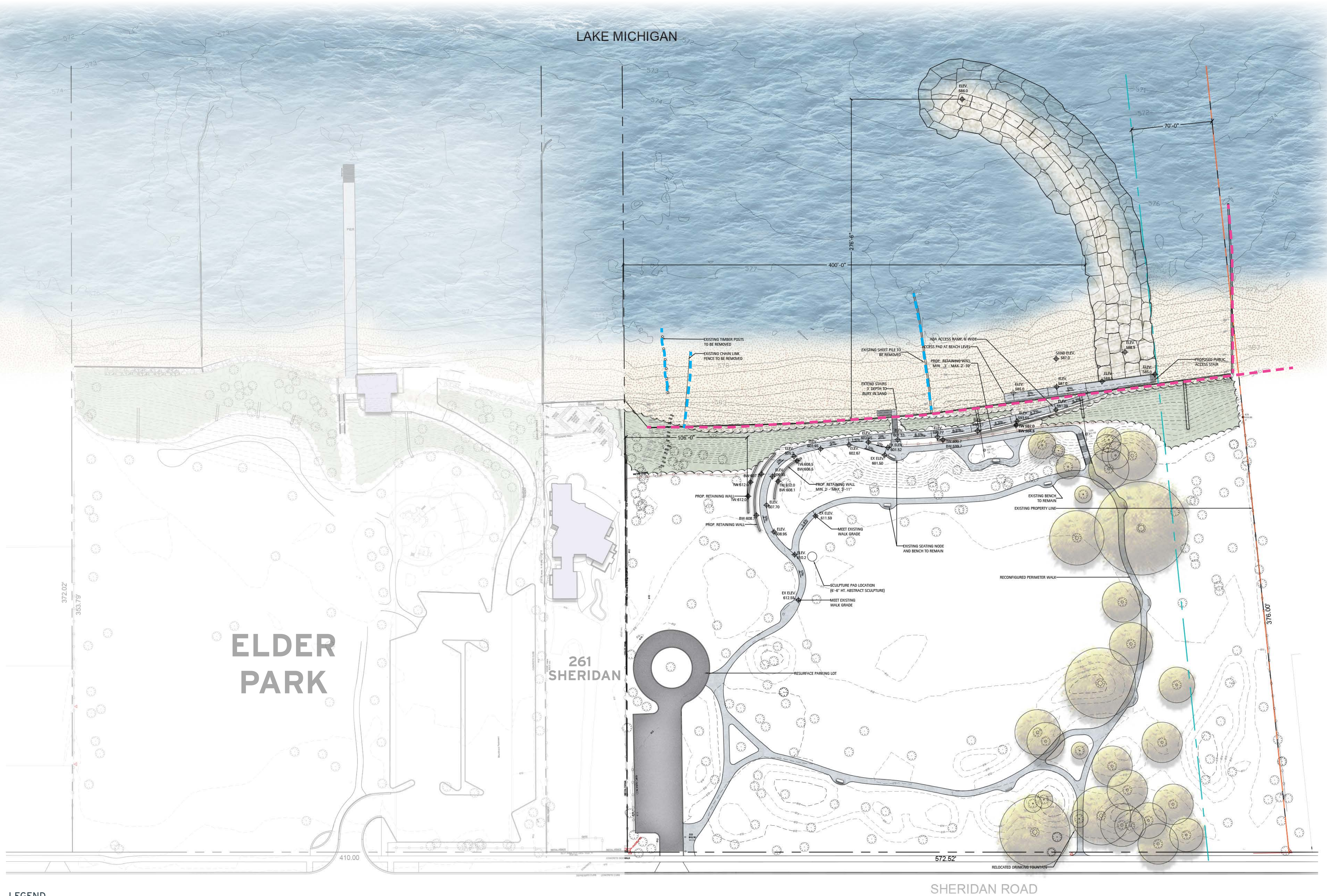
SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.)

\$ 190,000.00

TOTAL

\$ 4,661,600.00



LEGEND

- PROPOSED BLUFF RESTORATION
- ACCESS TO BEACH
- SHEET PILE (PROPOSED)
- SHEET PILE/STRUCTURE (EXISTING)
- SHEET PILE/STRUCTURE TO BE REMOVED



Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 5:

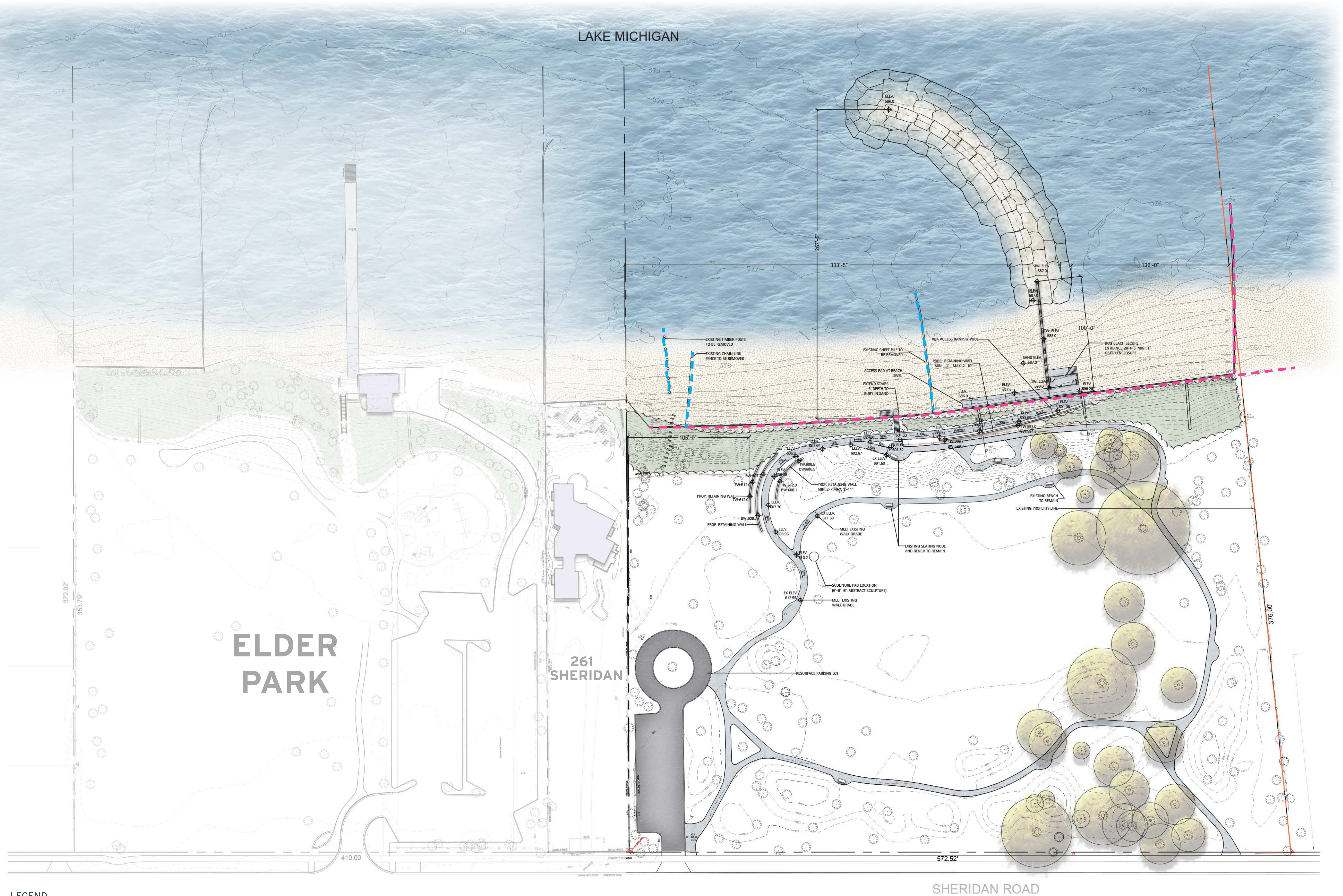
Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Demo (Steel, fencing, wood piles)	\$ 100,000.00	1	\$ 100,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Sand Placement Mason Sand	\$ 45.00	12000	\$ 540,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
35 ton per foot breakwater	\$ 5,820.00	350	\$ 2,037,000.00
Steel Sheet Piling 30'	\$ 3,200.00	128	\$ 409,600.00
Concrete for ramp	\$ 100.00	812	\$ 81,200.00
Access Roadway Stone w/Drainage (TBD)	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 120,000.00	1	\$ 120,000.00
Park Improvements (walkways and drinking fountain)	\$ 110,000.00	1	\$ 110,000.00
ADA walkway and connection Lump Sum	\$ 300,000.00	1	\$ 300,000.00
TOTAL			\$ 4,708,600.00

SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.) **\$ 190,000.00**

TOTAL **\$ 4,898,600.00**



LEGEND

- PROPOSED BLUFF RESTORATION
- ACCESS TO BEACH
- SHEET PILE (PROPOSED)
- SHEET PILE/STRUCTURE (EXISTING)
- SHEET PILE/STRUCTURE TO BE REMOVED

ELDER/CENTENNIAL BEACH FEASIBILITY STUDY

PHASE 2 | CENTENNIAL OPTION 6 (WORKSHOP DRAFT - FOR DISCUSSION PURPOSES ONLY)

WINNETKA, ILLINOIS

SCALE: 1"=40'
0 20' 40' 80' NORTH

WORKSHOP DRAFT AUGUST 25, 2022

PROJECT TEAM:
SPACECO
CBEL
SHABICA

PREPARED FOR:
WINNETKA PARK DISTRICT

THE
LAKOTA
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Elder Lane + Centennial: Workshop Design Draft Options

Centennial Park + Beach:

OPTION 6:

Land Based

ELEMENT DESCRIPTION	UNIT PRICE	QTY.	TOTAL
Mobilization	\$ 600,000.00	1	\$ 600,000.00
Demo (Steel, fencing, wood piles)	\$ 90,000.00	1	\$ 90,000.00
Bluff Restoration	\$ 120,000.00	1	\$ 120,000.00
Sand Placement Mason Sand	\$ 45.00	12000	\$ 540,000.00
Paving of Parking Lot	\$ 6.00	6800	\$ 40,800.00
35 ton per foot breakwater	\$ 5,820.00	250	\$ 1,455,000.00
Steel Staircase Lump Sum	\$ 50,000.00	1	\$ 50,000.00
Steel Sheet Piling 30'	\$ 3,200.00	248	\$ 793,600.00
Concrete for ramp	\$ 100.00	1212	\$ 121,200.00
Access Roadway Stone w/Drainage (TBD)	\$ 250,000.00	1	\$ 250,000.00
Retaining Walls	\$ 120,000.00	1	\$ 120,000.00
Dog Gate (utilities)	\$ 25,000.00	1	\$ 25,000.00
ADA walkway and connection Lump Sum	\$ 300,000.00	1	\$ 300,000.00

TOTAL **\$ 4,505,600.00**

SOFT COSTS

(Engineering, plans/drawings, permit costs, etc.)

\$ 175,000.00

TOTAL **\$ 4,680,600.00**