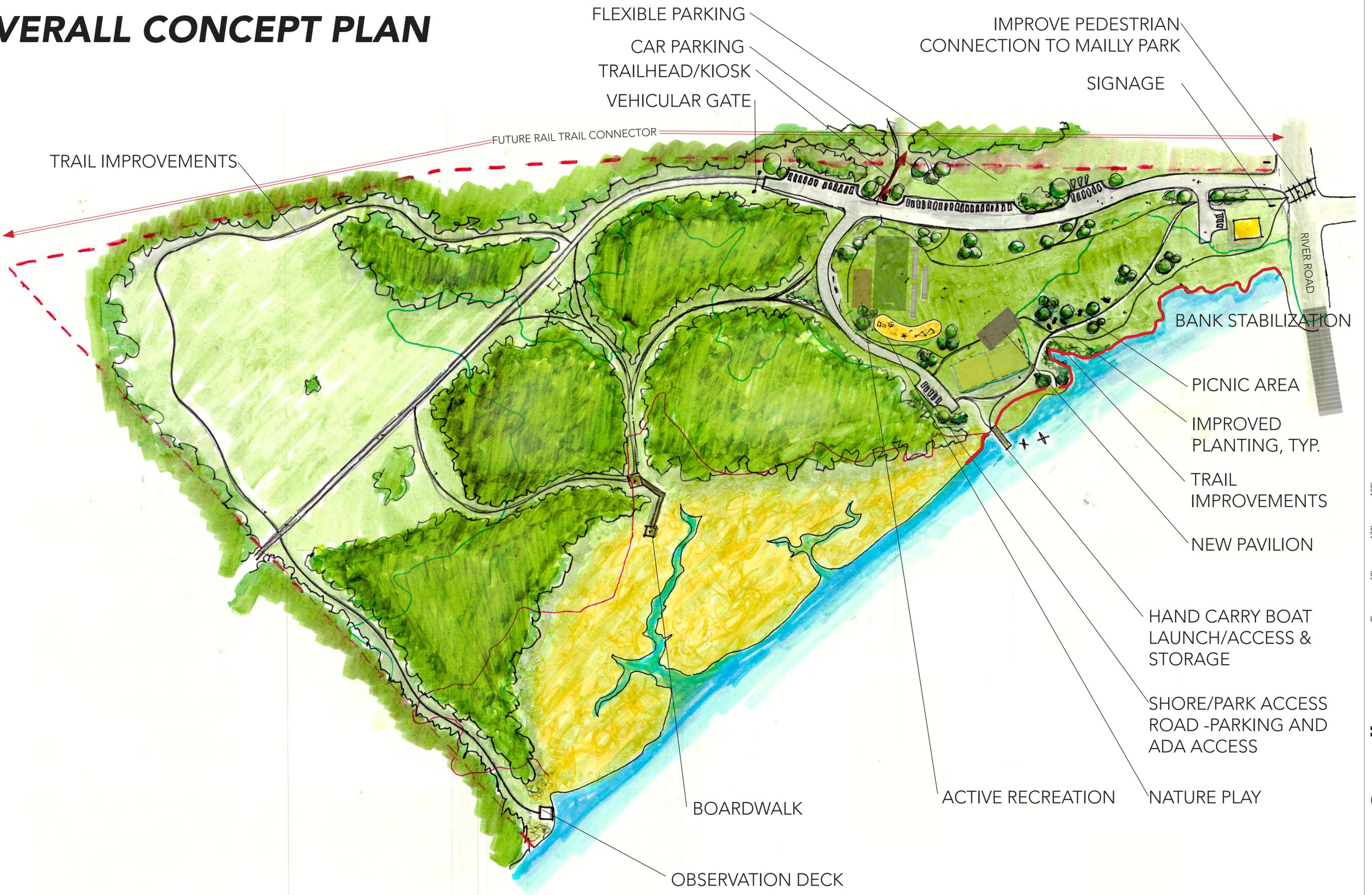




OVERALL CONCEPT, PHASING, & COSTS

OVERALL CONCEPT PLAN



Richardson & Associates, Landscape Architects
 Original Issue Date: _____
 Issued for: _____
 Revision Dates: _____

Scale: 1"=60' (original drawing size)
 Original Drawing Size: 24" x 36"



CONCEPT PLAN Overall
 Public Works Site Redevelopment
 Town of Bowdoinham, ME

OVERALL PHASING & COST



Phase I
\$560,000 - \$700,000

Phase II
\$365,000 - \$455,000

Phase III
\$292,000 - \$480,000

Phase IV
\$517,000 - \$646,000

OVERALL ESTIMATED COST
\$1,734,000 - \$2,281,000

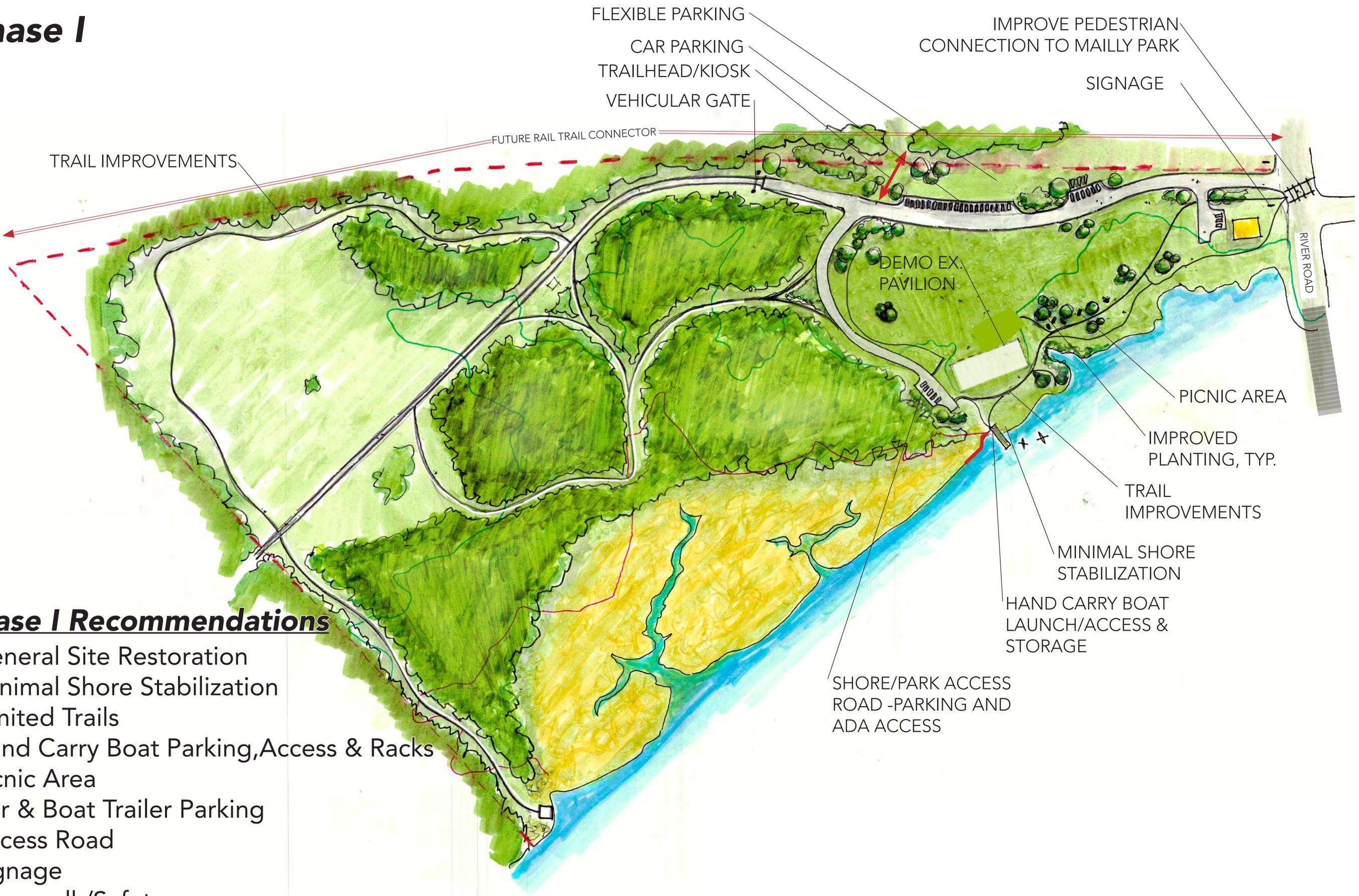
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CONCEPT PLAN Overall
Public Works Site Redevelopment
Town of Bowdoinham, ME

Phase I



Phase I Recommendations

- General Site Restoration
- Minimal Shore Stabilization
- Limited Trails
- Hand Carry Boat Parking, Access & Racks
- Picnic Area
- Car & Boat Trailer Parking
- Access Road
- Signage
- Crosswalk/Safety
- Landscape Planting
- Connections to Rail Trail

Richardson & Associates, Landscape Architects / 11 South Main St., New Bedford, MA 01945

Original Issue Date: _____

Issued for: _____

Revision Dates: _____

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CONCEPT PLAN Phase 1

Public Works Site Redevelopment
Town of Bowdoinham, ME



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Civil, Marine, and Structural Engineering

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P1

Phase I COST SUMMARY



Phase I Recommendations

- General Site Restoration
- Minimal Shore Stabilization
- Connections to Rail Trail
- Limited Trails
- Hand Carry Boat Parking, Access & Racks
- ADA Access
- Picnic Area
- Car & Boat Trailer Parking
- Access Road
- Signage
- Crosswalk/Safety
- Landscape Planting

PHASE I INITIAL INVESTMENT

\$560,000 - \$700,000

CONCEPT PLAN **Phase 1**

Public Works Site Redevelopment
Town of Bowdoinham, ME



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Scale: 1"=60' (original drawing size)
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Issued for: _____
Revision Dates: _____

Phase II



Phase II Recommendations

- Pavilion (New)
- Trail Improvements
- Continued Landscape Planting

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Issued for: _____
Revision Dates: _____

Scale: 1"=60' (original drawing size)
Original Drawing Size: 24" x 36"



CONCEPT PLAN Phase 2
Public Works Site Redevelopment
Town of Bowdoinham, ME

P2

Phase II COST SUMMARY



Phase II Recommendations

- Pavilion (New)
- Trail Improvements
- Continued Landscape Planting

PHASE II
ADDITIONAL INVESTMENT
\$365,000 - \$455,000

CONCEPT PLAN **Phase 2**
Public Works Site Redevelopment
Town of Bowdoinham, ME

Scale: 1"=60' (original drawing size)
Original Drawing Size: 24" x 36"

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Issued for:
Revision Dates:

1.



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P2

Phase III



Phase III Recommendations

- Ice Skating
- Fire Pit
- Active Recreation Area (Volleyball, Bocce, Horseshoe)
- Nature Play Area
- Overlook Improvements (Boardwalk)
- Continued Landscape Planting

Richardson & Associates, Landscape Architects

Original Issue Date:
Issued for:
Revision Dates:

Scale: 1"=60' (original drawing size)
Original Drawing Size: 24" x 36"



CONCEPT PLAN **Phase 3**

Public Works Site Redevelopment
Town of Bowdoinham, ME

P3



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Phase III COST SUMMARY



Phase III Recommendations

- Ice Skating
- Fire Pit
- Active Recreation Area (Volleyball, Bocce, Horseshoe)
- Nature Play Area
- Overlook Improvements (Boardwalk)
- Continued Landscape Planting

PHASE III
ADDITIONAL INVESTMENT
\$292,000 - \$480,000



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CONCEPT PLAN **Phase 3**

Public Works Site Redevelopment
Town of Bowdoinham, ME

P3

Scale: 1"=60' (original drawing size)
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Revision Dates: _____

Phase IV



Phase IV Recommendations

- Shoreline Stabilization



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CONCEPT PLAN **Phase 4**

Public Works Site Redevelopment
Town of Bowdoinham, ME

P4

Scale: 1"=60' (original drawing size)
Original Drawing Size: 24" x 36"

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Issued for: _____
Revision Dates: _____

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Phase IV COST SUMMARY



Phase IV Recommendations

- Shoreline Stabilization

PHASE IV
ADDITIONAL INVESTMENT
\$517,000 - \$646,000



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CONCEPT PLAN Phase 4

Public Works Site Redevelopment
Town of Bowdoinham, ME

P4

Scale: 1"=60' (original drawing size)
Original Drawing Size: 24" x 36"

Original Issue Date: _____
Issued for: _____
Revision Dates: _____

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BOWDOINHAM WATERFRONT

Bowdoinham, ME

Preliminary Construction Cost Estimate
Richardson & Associates, Landscape Architects

February 12, 2018

Note: This estimate is for the improvement recommendations identified on the Master Plan for the Bowdoinham Waterfront Project. Because of the planning nature of this document, the cost estimate inherently makes assumptions about the specific nature of existing conditions, and the type, quantity, and quality of materials. A 15% contingency has been added for this purpose. It does not include professional fees for design and engineering, permitting costs, or in-house, or in-kind services or materials. This estimate is only intended to identify the general magnitude of costs associated with the elements of the plan. All costs should be verified as specific plans are developed for each recommended improvement.

AREA for SCOPE OF WORK/ ITEMS

	High End	Low End
Phase I		
Site Work and Grading	\$218,500.00	\$174,800.00
Trails	\$64,000.00	\$51,200.00
Water Access	\$78,750.00	\$63,000.00
Driveway & Parking Lot	\$99,400.00	\$79,520.00
Crosswalk	\$11,000.00	\$8,800.00
Picnic Area	\$12,000.00	\$9,600.00
Wayfinding & Signage	\$5,000.00	\$4,000.00
Planting	\$133,250.00	\$106,600.00
SUBTOTAL - PHASE I	\$609,900.00	\$487,920.00
with 15% Contingency	\$91,485.00	\$73,188.00
TOTAL - PHASE I	\$701,385.00	\$561,108.00
Phase II		
Trails	\$22,960.00	\$18,368.00
Parking Lot	\$31,200.00	\$24,960.00
New Pavilion	\$87,500.00	\$70,000.00
Wayfinding & Signage	\$5,000.00	\$4,000.00
Planting	\$26,000.00	\$20,800.00
SUBTOTAL - PHASE II	\$396,410.00	\$317,128.00
with 15% Contingency	\$59,461.50	\$47,569.20
TOTAL - PHASE II	\$455,871.50	\$364,697.20
Phase III		
Recreation - Nature Play	\$150,000.00	\$40,000.00
Active Recreation	\$109,000.00	\$87,200.00
Observation Decks	\$145,000.00	\$116,000.00
Planting	\$13,000.00	\$10,400.00
SUBTOTAL - PHASE III	\$417,000.00	\$253,600.00
with 15% Contingency	\$62,550.00	\$38,040.00
TOTAL - PHASE III	\$479,550.00	\$291,640.00
Phase IV		
Shoreline Stabilization	\$562,500.00	\$450,000.00
SUBTOTAL - PHASE IV	\$562,500.00	\$450,000.00
with 15% Contingency	\$84,375.00	\$67,500.00
TOTAL - PHASE IV	\$646,875.00	\$517,500.00
TOTAL	2,283,681.50	1,734,945.20