



# Ocean EcoCenter

Board Update

July 9<sup>th</sup>, 2019

# Board Action Item Update

- ✓ Complete exhibit design
- ✓ Release BWA to complete full building design
- Release the Bridge purchase order (on hold)
- ✓ Submit for building permit
- ✓ Hooks to price the construction drawings



## Discussion on Action

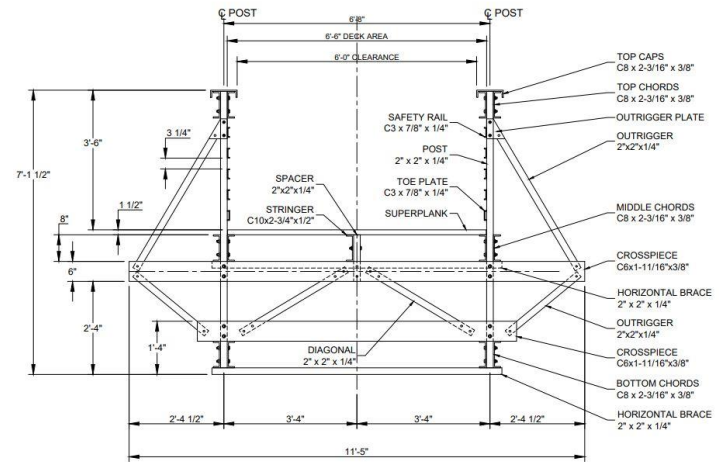
- Proceed as bid with VE
  - With Capital Campaign Surplus of \$4M (unrestricted) + 500K donation (NEW) funds will be in place to complete the following scope:
    - Construct Ocean Eco Center – exhibits future, new furniture future
    - Construct bridge foundation at Eco Center building, one foundation only, bridges future
    - Associated professional fees, testing, utilities and permit fees
- Consider re-design options

# Project Update

- **Site Plan**
  - Amended application submitted 4/30 - Lucido
  - SFWMD Approval expected 7/11
  - Site plan approval expected mid-July
- **Exhibit Design – Design Development Complete**
  - Budget pricing presented
    - Main Exhibit Hall Pricing +\$43,363 over budget
    - Classroom Exhibit Pricing +\$71,900 added scope
- **Building Pricing**
  - Bids received 6/28
  - Initial pricing \$4.4M
  - Initial VE \$400K+ in savings can be achieved
  - Sales tax savings est. \$50K

# Project Update

- Building Design
  - BWA progress page flip 5/9
  - Permit/Bid Set 5/31
  - Permit Application Submitted 6/4
  - Response to first round of comments to be submitted 7/12
    - Bathroom fixture count issue
- Bridge foundation design complete
  - Permit Issued
  - Bridge Foundation Locations Revised
- Bridge Design
  - H – Truss Design being investigated
  - Vendor personnel changes
  - Florida vendor also pricing aluminum bridge solution
- Working to improve bridge aesthetic and incorporate FWC mesh



*H – Truss Bridge Design*

# Upcoming Schedule Milestones

<b>Building permit plans complete</b>	<b>May 31<sup>st</sup></b>
Hooks to issue permit plans for pricing	May 31 <sup>st</sup>
FOS final plan flip	June 5 <sup>th</sup>
Building permit submission	June 7 <sup>th</sup>
Hooks initial pricing	June 26 <sup>th</sup>
First round Martin County comments	June 30 <sup>th</sup>
Response to Martin Co. comments	Early July
Building permit issuance	July 31 <sup>st</sup>
Construction Start	Mid – Late August

Activity Name	Org Duration	Early St.	Early Fin.	2019					2020				2021				2022			
				A	J	O	J	A	J	O	J	A	J	O	J	A	J	O	J	A
1 <input type="checkbox"/> Florida Oceanographic Society	515	10/23/2018	10/12/2020																	
2 Site Plan Responses - Martin Co	14	10/23/2018	11/9/2018																	
3 Site Plan resubmittal	0	11/12/2018	11/12/2018																	
4 Site Plan Approval	98	11/12/2018	3/27/2019																	
5 Height Approval by Martin County	0	3/27/2019	3/27/2019																	
6 Bridge Design	201	10/23/2018	7/30/2019																	
7 Bridge Approval to Manufacturer	25	7/31/2019	9/3/2019																	
8 Bridge Foundation Design	37	4/8/2019	5/28/2019																	
9 Bridge Foundation Permitting	14	5/29/2019	6/17/2019																	
10 Bridge Foundation Install	76	6/18/2019	10/1/2019																	
11 Bridge Installation	25	10/2/2019	11/5/2019																	
12 Sculpture Relocation	25	10/2/2019	11/5/2019																	
13 Project Staging	3	8/15/2019	8/19/2019																	
14 Construction Documents CD's	109	1/1/2019	5/31/2019																	
15 Exhibit Design	105	11/26/2018	4/19/2019																	
16 Exhibit Shop Dwgs & Fabrication	196	4/22/2019	1/20/2020																	
17 Building Permitting	50	6/3/2019	8/9/2019																	
18 Site Permitting	40	6/3/2019	7/26/2019																	
19 Final Pricing & Sub Bidding	40	6/3/2019	7/26/2019																	
20 Contract GMP Award	0	7/26/2019	7/26/2019																	
21 Mobilization	9	8/20/2019	8/30/2019																	
22 Construction	233	9/2/2019	7/22/2020																	
23 Exhibit Installation	71	3/10/2020	6/16/2020																	
24 LSS installation	40	1/21/2020	3/16/2020																	
25 Tank Water Cycling	46	6/17/2020	8/19/2020																	
26 Removal of Modular Units	20	7/23/2020	8/19/2020																	
27 Site Cleanup	26	7/23/2020	8/27/2020																	
28 Sculpture Reinstall	38	8/20/2020	10/12/2020																	
29 Splash Pad	38	8/20/2020	10/12/2020																	
30 Move In	20	7/23/2020	8/19/2020																	
31 Grand Opening	0	8/19/2020	8/19/2020																	
32 Renovate gift shop/entrance area	30	8/24/2020	10/2/2020																	

Activity Resource Names & %Alloc Event Name

Subproject Name Early Finish Interface Event Name

Cum. Original Profile Cum. Act.+Rem. Profile Cum. Remaining Profile Non-Cum. Original Profile Non-Cum. Actual Profile Non-Cum. Remaining Profile

Filtered by <All Objects> and Sorted by <None>

DRAFT

7/9/2019

<i>spending to date through 7-9-19</i>	Budget 11/2018	Budget Changes	Current Budget	Invoiced / Spent to Date	Remaining Balance
<b>Hard Costs</b>					
Construction - Hooks	\$ 3,300,000	\$ 700,000	\$ 4,000,000		\$ 4,000,000
Hard Cost Contingency	\$ 330,000	\$ (330,000)	\$ -		\$ -
Bridges - Fabrication	\$ 200,000	\$ 5,000	\$ 205,000		\$ 205,000
Bridges Foundations	\$ 125,000	\$ (5,000)	\$ 120,000		\$ 120,000
Generator and transfer switch	\$ 50,000		in Hooks		in Hooks
Visitor Center Remodel	\$ 100,000		\$ 100,000		\$ 100,000
Water Works Learning Play Area	\$ 200,000		\$ 200,000		\$ 200,000
Statue relocation	\$ 25,000		in Hooks		in Hooks
<b>Total Hard Costs</b>	<b>\$ 4,330,000</b>	<b>\$ 370,000</b>	<b>\$ 4,625,000</b>	<b>\$ -</b>	<b>\$ 4,625,000</b>
<b>Soft Costs</b>					
Architectural / Engineering Design	\$ 136,450	\$ 30,000	\$ 166,450	\$ 142,294.64	\$ 24,155
Bridge Assembly & Installation	\$ 50,000		\$ 50,000	\$ -	\$ 50,000
Civil Engineer	\$ 25,500	\$ 6,000	\$ 31,500	\$ 22,150.31	\$ 9,350
Landscape / Irrigation Design / Land Planning	\$ 24,000	\$ 10,000	\$ 34,000	\$ 33,726.45	\$ 274
Fundraising	\$ 85,000	\$ 50,000	\$ 135,000	\$ 116,958.18	\$ 18,042
Surveyor	\$ 10,000	\$ 5,000	\$ 15,000	\$ 11,563.75	\$ 3,436
Acoustics Consultant	\$ 7,400		\$ 7,400	\$ 3,675.00	\$ 3,725
Temp Facilities Removal	\$ 47,000		\$ 47,000	\$ -	\$ 47,000
Low Voltage/Sound/POS/Computers/Security	\$ 100,000		\$ 100,000	\$ -	\$ 100,000
Appliances	\$ 20,000		\$ 20,000	\$ -	\$ 20,000
FPL/Utilities	\$ 20,000	\$ 30,000	\$ 50,000	\$ -	\$ 50,000
FFE	\$ 100,000		\$ 100,000	\$ -	\$ 100,000
Exhibit Design & Fabrication	\$ 1,126,000	\$ 115,263	\$ 1,241,263	\$ 137,948.38	\$ 1,103,315
Interior Design	\$ 5,300		\$ 5,300	\$ -	\$ 5,300
Construction Materials Testing	\$ 20,000		\$ 20,000	\$ 4,445.00	\$ 15,555
Legal	\$ 5,000		\$ 5,000	\$ -	\$ 5,000
Permit/ Zoning Fees	\$ 65,000		\$ 65,000	\$ 9,580.00	\$ 55,420
Builders Risk Insurance	\$ 43,300		\$ 43,300	\$ -	\$ 43,300
Project Management	\$ 152,600		\$ 152,600	\$ 50,000.00	\$ 102,600
Misc Reimbursables	\$ 50,000		\$ 50,000	\$ 976.84	\$ 49,023
Owners Contingency	\$ 100,000		\$ 100,000	\$ 4,261.93	\$ 95,738
<b>Total Soft Costs</b>	<b>\$ 2,192,550</b>	<b>\$ 246,263</b>	<b>\$ 2,438,813</b>	<b>\$537,580</b>	<b>\$ 1,901,233</b>
<b>Budget</b>	<b>\$ 6,522,550</b>	<b>\$ 616,263</b>	<b>\$ 7,063,813</b>	<b>\$537,580</b>	<b>\$ 6,526,233</b>

Capital Campaign Fund Surplus of 5/31/19

\$4,284,247

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