Acacia Reservation – Euclid Creek Restoration

Areas 1 and 2 Stream Restoration

Cleveland Metroparks

COME OUT AND PLAY

Cleveland Metroparks
- Reservation
- Restricted

Detailed Hydro
- Ditch
- Non-Stream Waterway
- Stream
- Stream or River
- Pond
- Lake Erie
- Other Wet Areas

Area 1

Area 2

Golfway Ln
Aldersgate
Winchester Rd
Bromton Dr
Camberly Dr
Harleston Dr
Kilbourne Dr
Acacia Park Dr
Richmond Rd
Cedar Rd

Acacia Reservation – Euclid Creek Restoration

Area 3 Wetland R

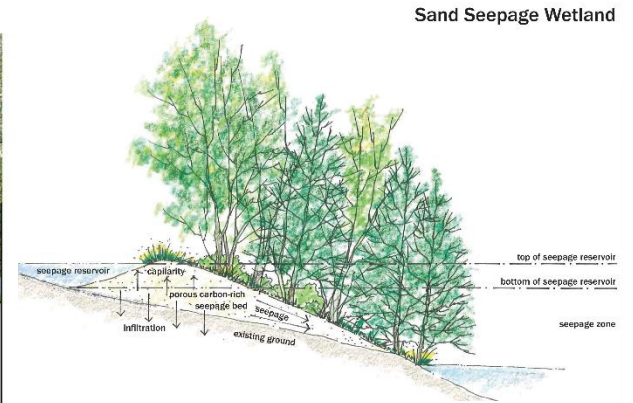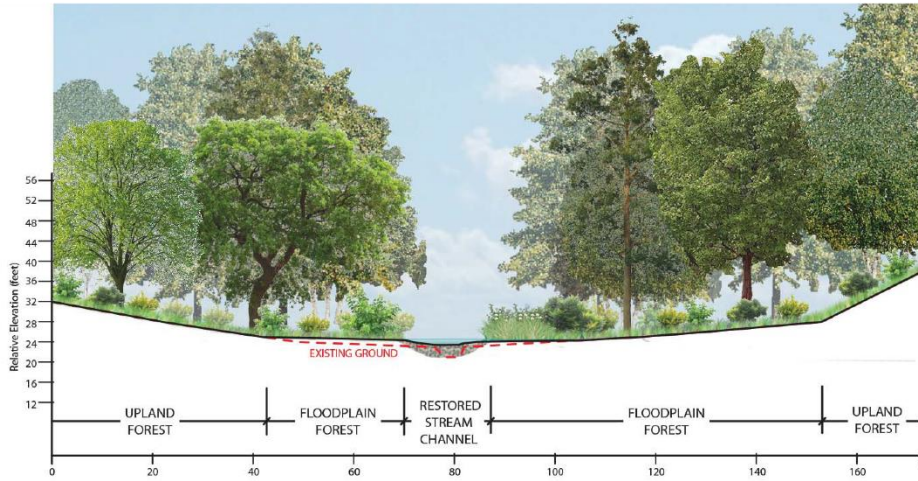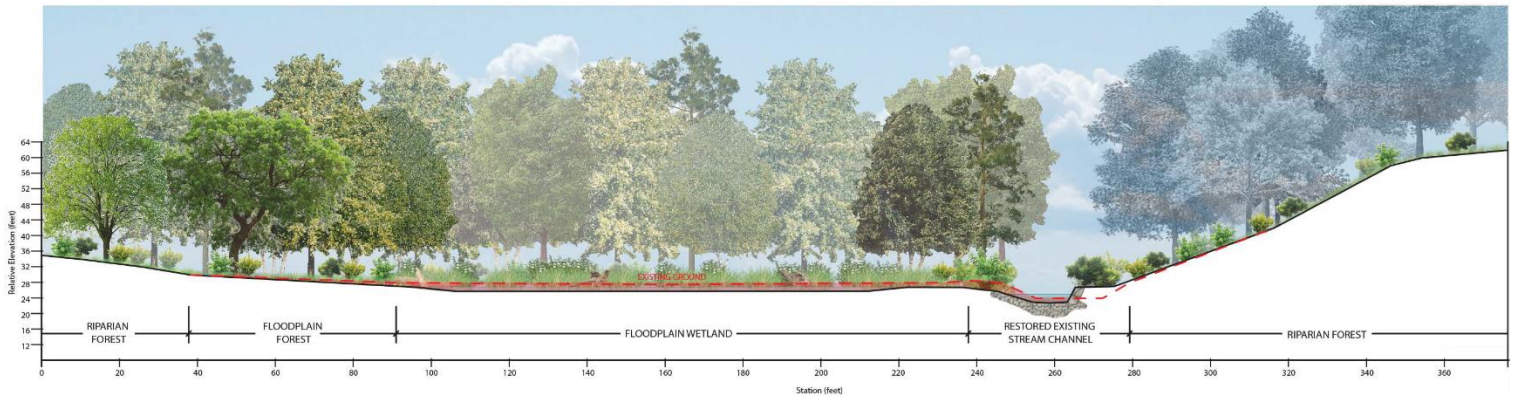# Acacia Reservation – Euclid Creek Restoration

Sand Seepage Wetland

Figure 2b: Area 1.2
Criteria Drawing Section -
proposed stream shifted left away
from eroding hillslope with large
excavated wetland/forest complex

Acacia Reservation – Euclid Creek Restoration

Area 1.1

Acacia Reservation Restoration
Cleveland, Ohio

Figure 1a: Area 1.1
Euclid Creek Criteria Drawing Plan
Restoration Approach

LEGEND

- Stream Channel
- Riffle
- Bank Bioengineering
- Extent of Proposed Grading
- Shrub/Scrub Floodplain Bench
- Floodplain Forest
- Wetland
- Upland Forest

use minimally invasive techniques to collect flow off hillslope in created wetlands

increase complexity of existing forest community through large wood placement

supplement existing forest with native plantings and reforest where needed

augment and/or create vernal pool habitat in existing floodplain

create low flow channel with floodplain bench

stabalize eroding banks with bioengineering

N

0' 25' 50' 100'

Biohabitats
GREAT LAKES BIOREGION

Acacia Reservation – Euclid Creek Restoration

Area 1.2
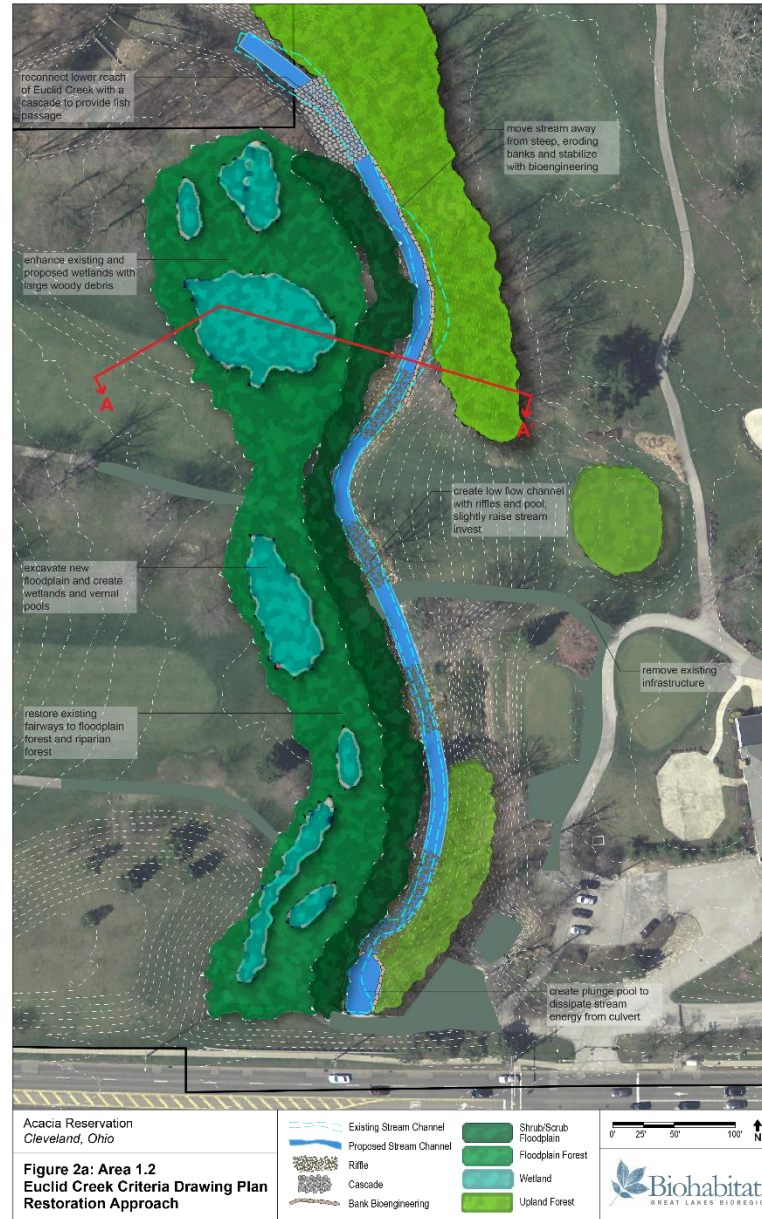

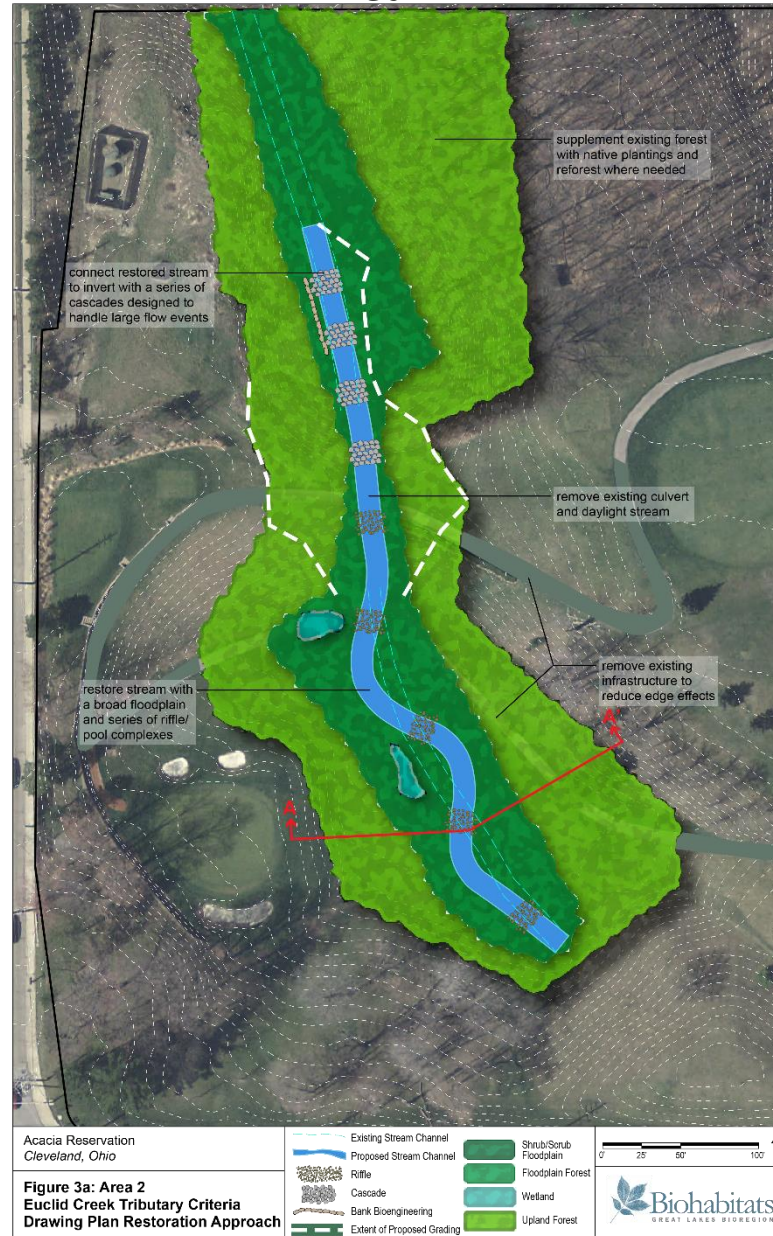Figure 2a: Area 1.2 Euclid Creek Criteria Drawing Plan Restoration Approach

Acacia Reservation – Euclid Creek Restoration

Area 2

Figure 3a: Area 2
Euclid Creek Tributary Criteria
Drawing Plan Restoration Approach

Acacia Reservation – Euclid Creek Restoration

Area 3

sand seepage berms can be utilized as pathways for human movement across park

remove tile drains at intervals and block flow with impermeable plugs

build cascades in steeper sections of drainage to prevent further headcutting

create forested corridors for species movement

install sand seepage berms to slow and retain water on floodplain, creating small depressional wetlands down watercourse

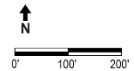carbon base in sand seepage berms will act as a catalyst for water quality improvement

Acacia Reservation Restoration
Cleveland, Ohio

**Figure 4a: Area 3
Wetland Swales Criteria Drawing
Plan Restoration Approach**

LEGEND

- – – – Swale Centerline
- Riffle
- Cascade
- Sand Seepage Berm
- Shrub/Scrub
- Forest

N

0'   100'   200'

Biohabitats
GREAT LAKES BIOREGION

Acacia Reservation – Euclid Creek Restoration

Best Value Rating Form (Design-Build Contract) - TO BE COMPLETED BY CLEVELAND METROPARKS
Cleveland Metroparks - Acacia Reservation Restoration Project

Project Name:	Acacia Reservation Restoration Project		Proposer's Name:	Bio Habitats	
Evaluator's Name:	Review Panel - RFP 6114-b		Evaluation Date:	10/23/15-11/16/15	

A. Qualifications (Max 100 points)

Criteria		Description	Range	Score
1. Understanding of Project Objectives	a.	Understanding of Project Design (Scope)	0-10	9
	b.	AOR Project Experience (Quality Lvl, Prjct Type)	0-15	15
	c.	Alignment of DB's Team with Owner's Goals	0-10	9
	d.	Adherence to Project Timeline	0-10	9
	e.	Value Added Suggestions (Alternates)	0-5	5
	f.	Diversity Goals	0-5	5
2. Understanding of Project Implementation	a.	Location / Availability / Quality of Proposed Team	0-5	4
	b.	Appropriate Staffing Levels	0-5	4
	c.	Contractor Experience with D-B Project Delivery	0-10	8

RFP# 6114-b Results:

Ranking	Design-Build Team	Price (sum)	(1) Price Component	(2) Qualifications Component	(1)+(2) Best Value Score
1	Biohabitats, Inc. / Meadville Land Services	$672,209	20	70.4	90.4
2	RiverReach Construction / GPD	$912,091	12.9	70.4	83.3
3	Haynes Construction, Inc. / NTH	$877,611	13.9	64.8	78.7

3. GMP Proposal	a.	Guaranteed Maximum Price	N/A		
			Total Price Proposal		
4. Additional Information	a.	DB Contingency [3]	5.00%		
	b.	Construction Budget given in RFP	$1,950,000		
5. Normalized Price Ranking	a.	Proposed price from this DB team [x]	$672,209		
	b.	Lowest proposed price from all DB teams [L]	$672,209		
		NPR = [1 - ((x - L) / L)] * 100	**NPR =**	100	

[1] Detailed price information provided in DB Proposal Form
[2] Guaranteed Maximum Price included only if specifically requested in RFP
[3] Percentage of Construction Budget less DB Fee

	NPR	x	Weight	=	Subtotal (B)
	100		20%		20

C. Best Value Calculation

	Subtotal (A)	+	Subtotal (B)	=	Best Value
Best Value = weighted combination of qualifications and price	70.4		20		90.4

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