

Attachment

C

**CITY OF NORTH PORT
COMMISSION AGENDA ITEM**

Item No. 7A
(City Clerk's Use Only)

MEETING FOR:

Regular	X
Fire Rescue District	
Road & Drainage District	
Solid Waste District	
Other: _____	

Meeting of:	<u>April 12, 2010</u>
Department:	<u>General Services/Parks & Recreation</u>
Prepared by:	<u>Sherry Borgsdorf/Bill Ward</u>
Date Prepared:	<u>March 30, 2010</u>
Exhibits:	<u>Presentation by Kimley-Horn</u>

AGENDA SUBJECT: Discussion and possible action regarding a City-wide Aquatic Facilities Master Plan.

RECOMMENDED ACTION: Review, discussion, possible action and final acceptance of the Aquatic Facilities Master Plan.

SUMMARY: On October 26, 2009, the City Commission approved an agreement with Kimley-Horn to develop an Aquatic Facilities Master Plan. In addition to aquatic complex concepts and cost estimates, the study also includes information on the utilization of the City's canal system. At a workshop on February 17, 2010 preliminary findings were presented to the City Commission, which included summaries of the public forum and various stakeholder interviews. Updated information resulting from Commission direction and further statistical analysis will be presented by the consultants at this regular meeting on April 12, 2010 for discussion and final acceptance of the City-wide Aquatic Facilities Master Plan.

APPROVED BY:

	Initial	Date
Department Director:	<u>[Signature]</u>	<u>3/30/10</u>
City Manager:	<u>[Signature]</u>	<u>3/3/10</u>

APPROVED APRIL 26, 2010

**NORTH PORT CITY COMMISSION
MINUTES OF REGULAR MEETING
MONDAY, APRIL 12, 2010**

PRESENT: Commissioner Garofalo, Chair; Commissioner Blucher, Vice-Chair; Commissioners Carusone, Jones, Treubert; Commission Intern Sturgis; City Manager Crowell; City Attorney Robinson; City Clerk Raimbeau; Deputy City Clerk Adkins; and Police Chief Lewis.

The North Port City Commission Regular Meeting was called to order at 1:00 p.m. in the City Chambers by Chair Garofalo.

The invocation was provided by Cantor Lyle Rockler, Religious Leader for Temple Beth El.

The Pledge of Allegiance was led by the Commission.

APPROVAL OF AGENDA :

Commissioner Blucher moved to approve the agenda, moving Item 7.B., to directly follow item 6.A.; seconded by Commissioner Jones. Motion carried unanimously.

1. **INTRODUCTION OF NEW EMPLOYEES:**

City Manager Crowell, Fire Chief Taaffe and Police Chief Lewis introduced the new employees respective to their departments.

2. **PROCLAMATIONS:**

- A. **Proclamation: "Relay for Life Days April 24 and April 25." (Commissioner Garofalo, presenter)**

Commissioner Garofalo read the Proclamation into the record and presented it to a Member of the American Cancer Society.

- B. **Proclamation: "40th Anniversary of Earth Day" April 22, 2010. (Commissioner Garofalo, presenter)**

Commissioner Garofalo read the proclamation into the record.

- C. **Proclamation: "Recognizing North Port Chorale." (Commissioner Garofalo, presenter)**

Commissioner Garofalo read the proclamation into the record.

- D. **Proclamation: "City of North Port Volunteer Month 2010." (Commissioner Garofalo, presenter)**

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Commissioner Garofalo read the proclamation into the record.

3. **PRESENTATIONS:**

- A. **Presentation regarding development of a Dinner Theater. (Irene Baxensdale) FIVE MINUTE TIME LIMIT.**

Ms. Baxendale requested that this item be placed on a future Agenda.

4. **PUBLIC COMMENT: 1:12 p.m. – 1:20 p.m.**

5. **CONSENT AGENDA:**

- A. **Approval of Minutes for the March 19, 2010 Commission Strategic Planning Workshop; March 20, 2010 Commission Strategic Planning Workshop; and the March 22, 2010 Commission Regular Meeting. (H. Raimbeau)**
- B. **Approval of reappointment of John Nolan as a Regular Member to the Zoning Board of Appeals. (H. Raimbeau)**
- C. **Approval of reappointment of Anne Couzens as a Regular Member to the Code Enforcement Board. (H. Raimbeau)**
- D. **Approval of appointment of Bill Gibson as the City of North Port voting representative to the Sarasota County Parks and Recreation Advisory Council (PARC). (H. Raimbeau)**
- E. **Approval of reappointment of Jodie Fraser as a Regular Member to the North Port Art Advisory Board. (H. Raimbeau)**
- F. **Approval of February 2010 Cash Receipts Summary. (T. Gould)**
- G. **Approval of two (2) five (5) year Service Agreements with SimplexGrinnell LP, for the annual testing and inspection of fire alarm detection systems, in an amount not to exceed \$3,797.00 for City Hall and an amount not to exceed \$2,179.00 for the Police Station. (L. Sperduto/S. Williams)**
- H. **Approval of Amendment #3 to Contract #2009-18 with Boran Craig Barber Engel Construction Co, Inc. in the amount of \$108,472 for landscaping, irrigation and site lighting to accommodate a future aquatic facility at Butler Park. (W. Ward / S. Borgsdorf)**
- I. **Approval of Special Assessment Lien reduction in reference to 5016 Abdella Lane, North Port, Florida, reducing the lien from \$9,675.85 to \$4,837.93 and release of lien numbers 2008003403, 2008017895, and 2008119942 after payment is made. (H. Raimbeau)**

APPROVED APRIL 26, 2010

- J. Approval of the Settlement Agreement in the Code Enforcement Board matter of City of North Port v. Johnnie Kugel, which would require the Defendant to pay to the City the amount of \$6,734.30; would require the Defendant to bring the structure on the property up to code; and would require inspections performed and approved by the City by June 1, 2010. (R. Robinson)

Commissioner Blucher moved to approve the Consent Agenda as presented; seconded by Commissioner Carusone. Motion carried unanimously.

6. PUBLIC HEARINGS:

- A. Ordinance No. 2010-22, first reading, amending North Port Code, Article VIII, Chapter 2 on Procurement providing for the purchase of flowers for employees who are sick or hospitalized, up to a limit of \$75.00 with department director's approval. (T. Gould)

Commissioner Carusone moved to read Ordinance No. 2010-22 by title only; seconded by Commissioner Treubert. Motion carried unanimously.

Subsequent to City Clerk Raimbeau reading Ordinance No. 2010-22 into the record by title only, Accounting Manager Lear provided a brief overview of the Ordinance, amending North Port Code, Article VIII, Chapter 2 on Procurement providing for the purchase of flowers for employees who are sick or hospitalized, up to a limit of \$75.00 with the department director's approval. There were no questions from the Commission and no public comment.

Commissioner Carusone moved to continue Ordinance No. 2010-22 to the April 26, 2010 Commission Regular Meeting for second reading; seconded by Commissioner Treubert. Motion carried unanimously.

7. GENERAL BUSINESS:

- B. Discussion, and possible action, regarding approval of a land sale and purchase from Sarasota Memorial Hospital to the West Villages Improvement District per the Sale & Purchase Agreement dated March 15, 2010. (S. Cullinan)

City Planner Cullinan provided an overview of the request for approval of a land sale and purchase from Sarasota Memorial Hospital to the West Villages Improvement District. There were no questions from the Commission and there was no public comment.

Commissioner Blucher moved to approve a land sale and purchase from Sarasota Memorial Hospital to the West Villages Improvement District per the Sale & Purchase Agreement dated March 15, 2010; seconded by Commissioner Jones. Motion carried unanimously.

- A. Discussion, and possible action, regarding a City-wide Aquatic Facilities Master Plan. (S. Borgsdorf/W. Ward)

General Services Director Borgsdorf, Mark Hatchel and James Pankonin from Kimley-Horn, and Kevin Post from Counsilman & Hunsaker provided a PowerPoint Presentation of the Canal and Creek System Master Plan. Discussion ensued: (1) it was clarified that the Master Plan focuses on existing water structures and it is unlikely that any will be opened or removed; (2) sloped earth ramps vs. dock and pier

APPROVED APRIL 26, 2010

ramps; (3) restrictions on use of gas powered motors to certain areas north of Price Boulevard ; (4) fishing pier at Blue Ridge Park design is currently in the CIP; (5) the cost for construction of the fishing pier at Blue Ridge Park is approximately \$50,000; (6) the majority of the design and engineering for the fishing pier will be done in house with a cost of approximately \$2,000 for the AutoCAD drawing; (7) it was suggested that inmates from State Prisons and County Jails be used to clear and clean the canals; (8) it was also suggested that the piers possibly be sponsored by community organizations and commercial corporations; (9) cost of Canoe Signs for the access points is estimated at \$2,500 per sign; (10) access for clearing and dredging may be problematic; (11) staff to research possibility of grants for funding; (12) will not require permits from the Army Corp of Engineers for the man-made canals. There was no public comment.

Commissioner Carusone moved to accept the Canal and Creek System Master Plan and move forward with phase I; seconded by Commissioner Blucher. Motion carried unanimously.

General Services Director Borgsdorf, Mark Hatchel and James Pankonin from Kimley-Horn, and Kevin Post from Counsilman & Hunsaker provided a PowerPoint Presentation of the Aquatics Facilities Master Plan. Discussion ensued: (1) it was noted that an outdoor pool and aquatic facility will operate approximately 150 days in summer season only; (2) use of pools for programs in winter; (3) Commissioner Blucher stated that he would prefer building lap pool first and phasing in the leisure facility; (4) Commissioner Jones, Blucher and Garofalo expressed concern regarding competition between the Aquatic Center and a future Water Park; (5) concern was expressed regarding lack of participation in funding by the Sarasota County School Board for construction of a pool for use by the North Port High School's Swim Team. Thereafter, public comment was held.

Commissioner Carusone moved to accept a medium aquatic facility at Butler Park and large spray ground at Atwater Park, staff to explore funding options; seconded by Commissioner Treubert. Motion carried on a (3 - 2) vote. Commissioner Blucher, Commissioner Jones dissenting for reasons stated above.

Commissioner Carusone moved to accept the Aquatic Facility Master Plan; seconded by Commissioner Blucher. Motion carried unanimously.

Recess: 3:15 p.m. – 3:39 p.m.

- C. **Discussion, and possible action, regarding a letter to be sent to the US Census Director Robert Groves requesting a meeting regarding replacing the incorrect addressing of North Port residences. (Commissioner Garofalo)**

Subsequent to discussion, the following actions were taken by the Commission: (1) there was a ***consensus for staff to draft a letter to be signed by the Commission Chair and sent to the U.S. Census Director Robert Groves requesting confirmation that the incorrect addressing of North Port residences will be counted for North Port correctly*** (City Planner Harrington to provide the letter); (2) there was a three to two (3-2) ***consensus to send a code red message to citizens stressing the importance of citizens participation in filling out their census forms.*** Commissioners Blucher and Treubert dissent due to the estimated cost for the code red of \$12,500 to \$13,000.00.

- D. **Discussion, and possible action, regarding replacing Frontage Road with Sumter Boulevard on the Long Range MPO (Metropolitan Planning Organization). (Commissioner Garofalo)**

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Commissioner Garofalo provided an overview of the request to replace Frontage Road with Sumter Boulevard on the Long Range Metropolitan Planning Organization's project list.

Commissioner Carusone moved to approve replacing Frontage Road with Sumter Boulevard on the Long Range Metropolitan Planning Organization (MPO) project list; seconded by Commissioner Blucher. Motion carried unanimously.

E. **Discussion, and possible action, regarding moving of mail boxes on Bryant Street. (Commissioner Blucher)**

Commissioner Blucher provided an overview regarding a citizen's request to have mail boxes moved into the City's right of way on the opposite side of the street from where they are currently located.

After a request, there was no consensus given to send a letter to the Post Office to move the mailboxes. Commissioners Treubert, Jones, and Garofalo dissented.

There was a four to one (4-1) consensus to send a letter to the Post Office saying the mailboxes can be put in the right of way on either side of the street, but we do not have a preference. Commissioner Treubert dissented stating that this is a Post Office issue.

8. **PUBLIC COMMENT:** 3:56 p.m. – 3:58 p.m.

9. **COMMUNICATIONS:**

City Clerk Raimbeau: (1) there was a *consensus for the Chair to sign a letter to be submitted with the Fire Rescue Application to the National League of Cities for an Award of Municipal Excellence for the Green Initiatives;* (2) there was a *consensus for the City Clerk to Schedule a Commission Joint Meeting with the Tamiami Trail Appearance Review Board (TTARB);* (3) there was a *consensus for the City Clerk to schedule a Commission Joint Meeting with the Transportation Advisory board (TAB);* (4) there was a *consensus for the City Clerk to prepare a Proclamation for the Sarasota County 2010/2011 Teacher of the Year.*

Commissioner Blucher: - reported that he will be attending the Manasota Basin Board Meeting scheduled for Wednesday, April 14, 2010 to request that funding be continued for the Reverse Osmosis Plant.

Commissioner Jones: (1) there was a *consensus for the North Port Commission to provide a chaperone and transportation for a student or Youth Advisory Board Member to be sent by the Florida Manasota League of Cities to the Florida League of Cities Conference in August;* (2) reminded the Commission that the Boy's and Girl's Club's Prime Time Dinner and Auction is Saturday, April 17, 2010 and begins at 5:30 p.m.

City Manager: expressed his appreciation to employees participating in the NICE Program.

APPROVED APRIL 26, 2010

10. **ADJOURNMENT:**

Chair Garofalo adjourned the Commission Regular Meeting at 4:08 p.m.

CITY OF NORTH PORT, FLORIDA

BY: _____
DAVID J. GAROFALO, SR., COMMISSION
CHAIR

ATTEST:

HELEN M. RAIMBEAU, MMC
CITY CLERK

Minutes approved at the Commission Regular Meeting
this _____ Day of _____ 2010.

CITY OF NORTH PORT

*Canal and Creek System
Master Plan*



Kimley-Horn and Associates, Inc.

URBAN RESOURCE GROUP

CONTACT: JAMES R. PANKONIN, RLA 941-379-7600

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- TYPICAL PORTAGE FACILITY AND ACCESS POINTS

APPENDIX B

- WATER CONTROL STRUCTURES AND ACCESS POINTS BY PHASE

PROJECT GOALS

CONNECTIVITY

- CONNECT VARIOUS CITY PARKS AND POINTS OF INTEREST TO EACH OTHER THROUGH IMPROVEMENTS TO THE EXISTING CANAL AND CREEK SYSTEM
- PROMOTE THE USE OF THE CANAL AND CREEK SYSTEM AS A MEANS OF NON-MOTORIZED TRANSPORTATION THROUGH THE CITY
- OPPORTUNITY TO ENCOURAGE A UNIQUE TYPE OF MULTI-MODAL TRANSPORTATION

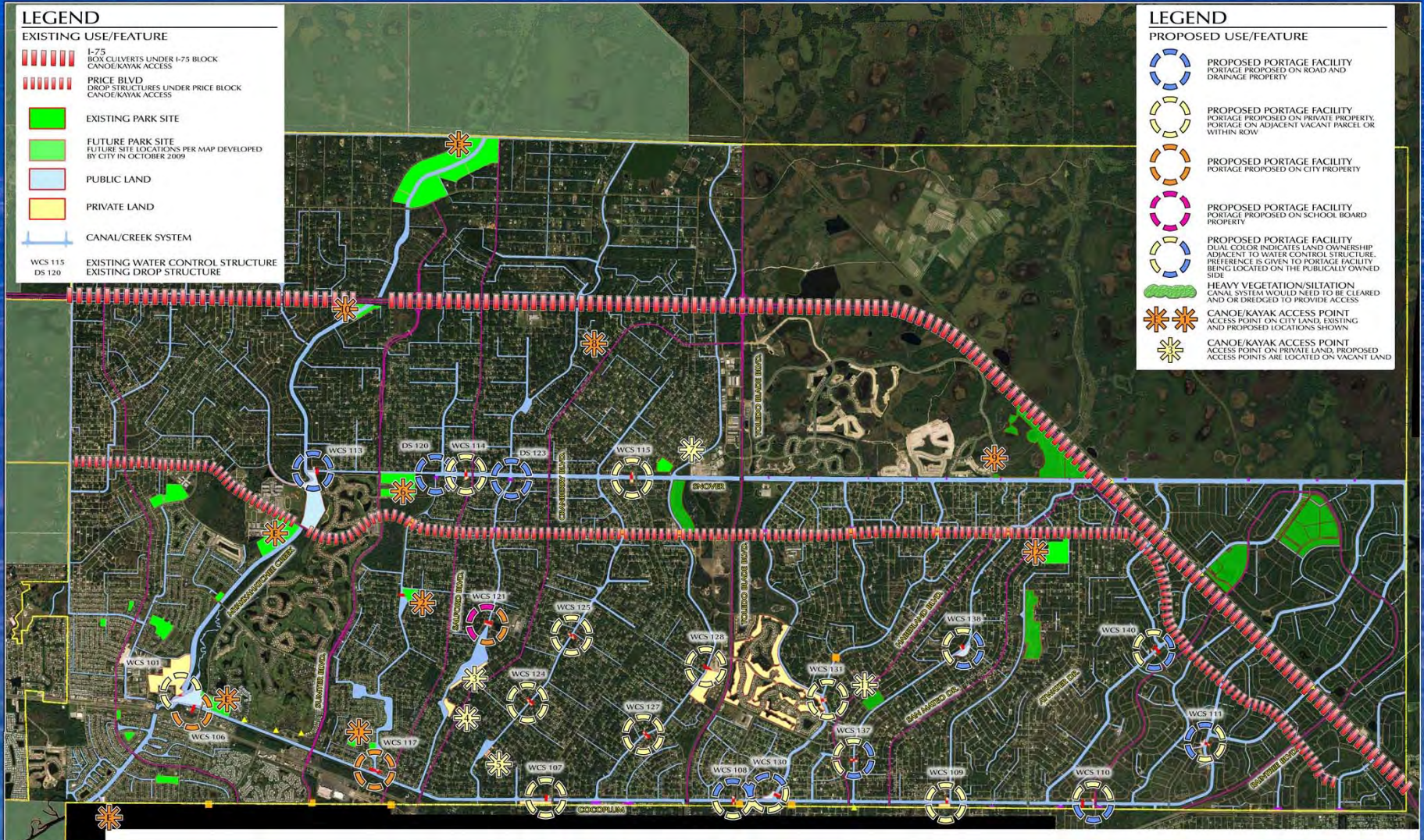
RECREATION

- PROVIDE OPPORTUNITY FOR EXPOSURE OF PADDLE SPORTS TO MORE CITIZENS
- STIMULATE INTEREST IN EXISTING PARKS BY ADDING NEW FEATURE (CANOE / KAYAK LAUNCH)

EDUCATION

- EDUCATE USERS ON THE CYCLE OF STORMWATER
- EDUCATE USERS ON NATIVE LANDSCAPING AND THE NEED TO REMOVE EXOTIC / NUISANCE VEGETATION

OPPORTUNITIES AND CONSTRAINTS MAP



Canal and Creek System Master Plan Opportunities and Constraints Map

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000
DATE: FEBRUARY 17, 2010
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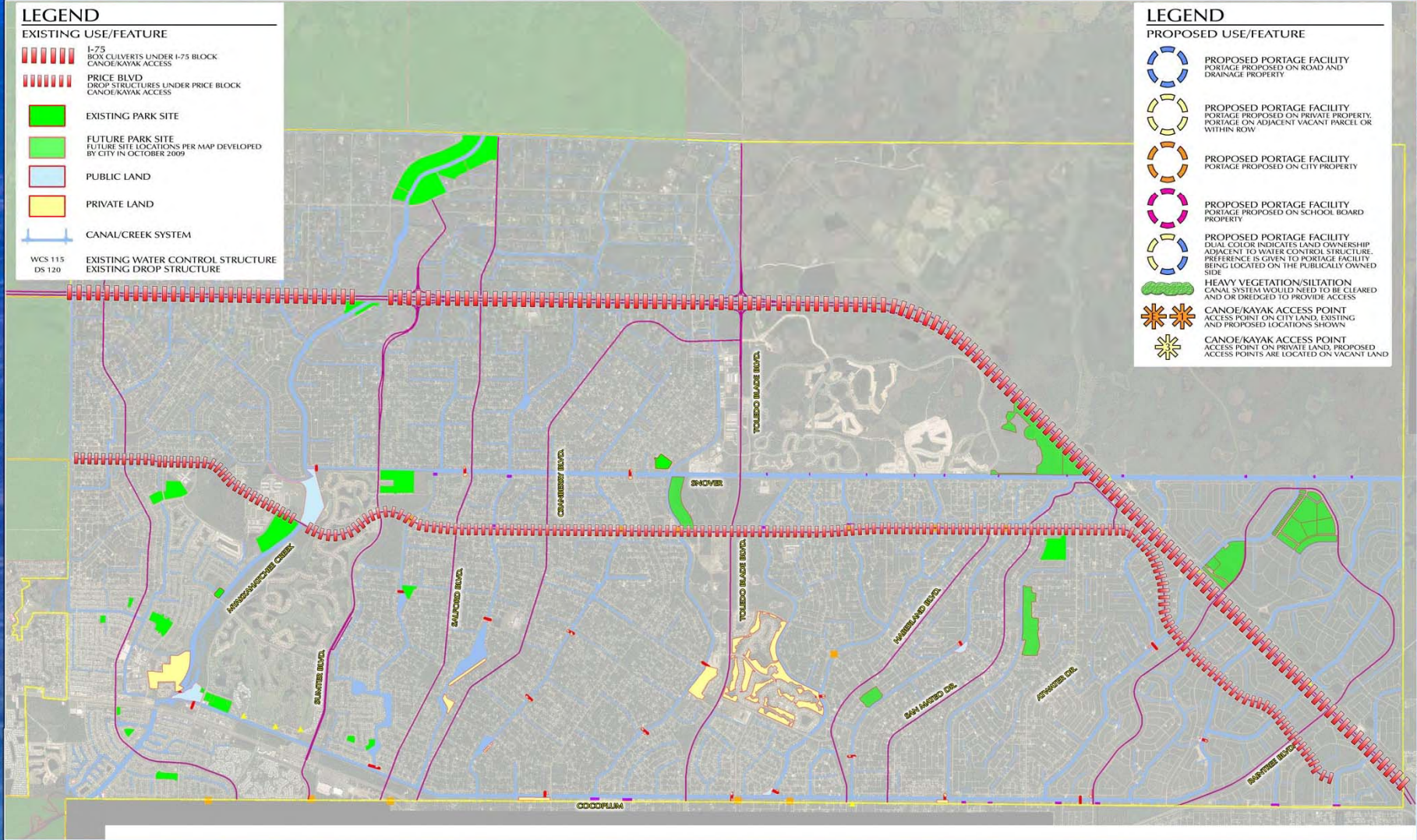
1-75 & PRICE BLVD – BLOCKAGE IN NORTH/SOUTH CANAL CONNECTIVITY

LEGEND
EXISTING USE/FEATURE

- I-75 BOX CULVERTS UNDER I-75 BLOCK CANOE/KAYAK ACCESS
- PRICE BLVD DROP STRUCTURES UNDER PRICE BLOCK CANOE/KAYAK ACCESS
- EXISTING PARK SITE
- FUTURE PARK SITE (FUTURE SITE LOCATIONS PER MAP DEVELOPED BY CITY IN OCTOBER 2009)
- PUBLIC LAND
- PRIVATE LAND
- CANAL/CREEK SYSTEM
- WCS 115 DS 120 EXISTING WATER CONTROL STRUCTURE EXISTING DROP STRUCTURE

LEGEND
PROPOSED USE/FEATURE

- PROPOSED PORTAGE FACILITY (PORTAGE PROPOSED ON ROAD AND DRAINAGE PROPERTY)
- PROPOSED PORTAGE FACILITY (PORTAGE PROPOSED ON PRIVATE PROPERTY; PORTAGE ON ADJACENT VACANT PARCEL OR WITHIN ROW)
- PROPOSED PORTAGE FACILITY (PORTAGE PROPOSED ON CITY PROPERTY)
- PROPOSED PORTAGE FACILITY (PORTAGE PROPOSED ON SCHOOL BOARD PROPERTY)
- PROPOSED PORTAGE FACILITY (DUAL COLOR INDICATES LAND OWNERSHIP ADJACENT TO WATER CONTROL STRUCTURE. PREFERENCE IS GIVEN TO PORTAGE FACILITY BEING LOCATED ON THE PUBLICALLY OWNED SIDE)
- HEAVY VEGETATION/SILTATION (CANAL SYSTEM WOULD NEED TO BE CLEARED AND OR BREDGED TO PROVIDE ACCESS)
- CANOE/KAYAK ACCESS POINT (ACCESS POINT ON CITY LAND, EXISTING AND PROPOSED LOCATIONS SHOWN)
- CANOE/KAYAK ACCESS POINT (ACCESS POINT ON PRIVATE LAND, PROPOSED ACCESS POINTS ARE LOCATED ON VACANT LAND)



Canal and Creek System Master Plan Blockage in North/South Canal Connectivity

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000
DATE: FEBRUARY 17, 2010
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WATER CONTROL STRUCTURES – PORTAGE FACILITY



Canal and Creek System Master Plan Water Control Structures - Portage Facility

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000

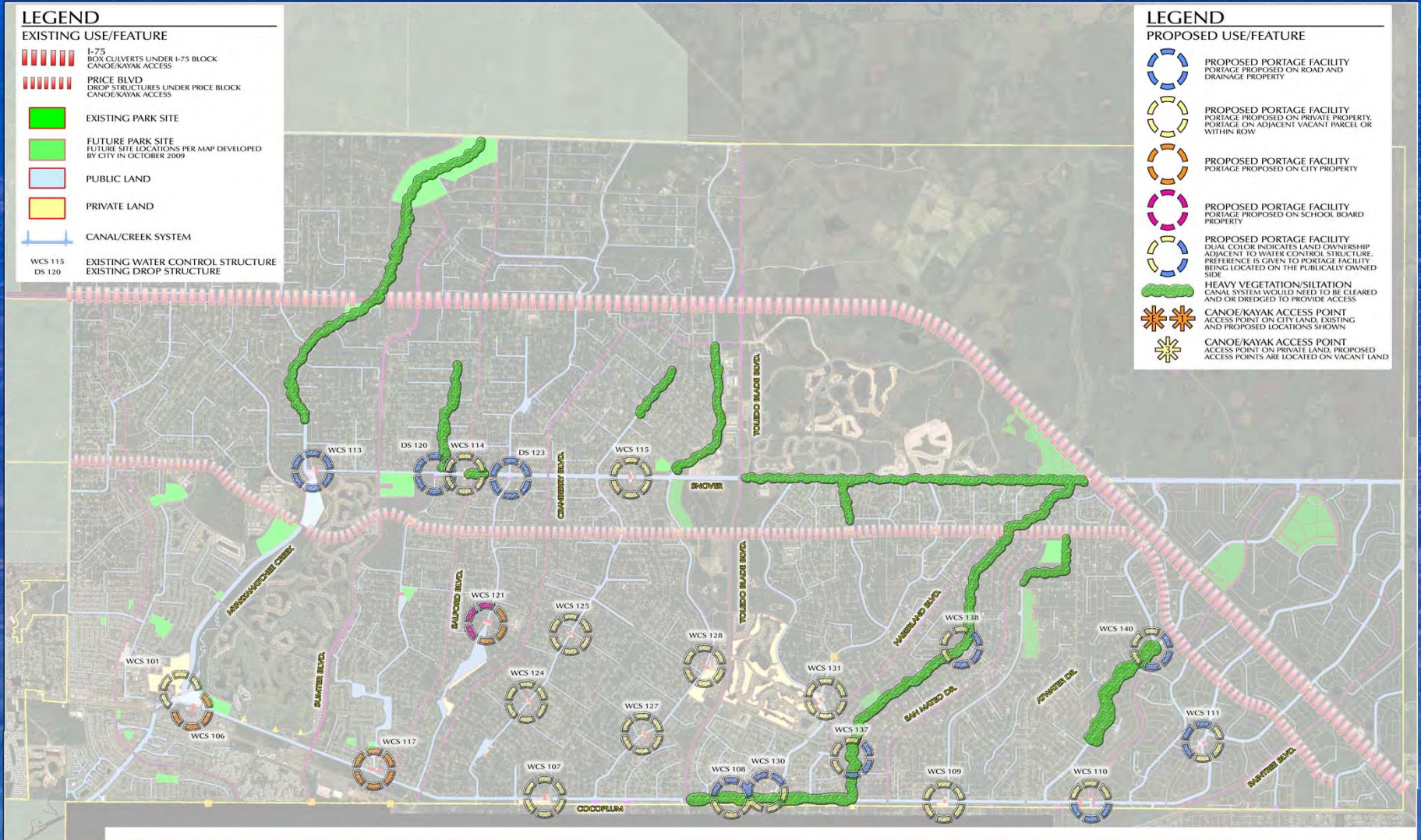
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CANAL CLEANUP – VEGETATION REMOVAL/DREDGING



Canal and Creek System Master Plan Canal Cleanup - Vegetation Removal/Dredging

CITY OF NORTH PORT
NORTH PORT, FLORIDA

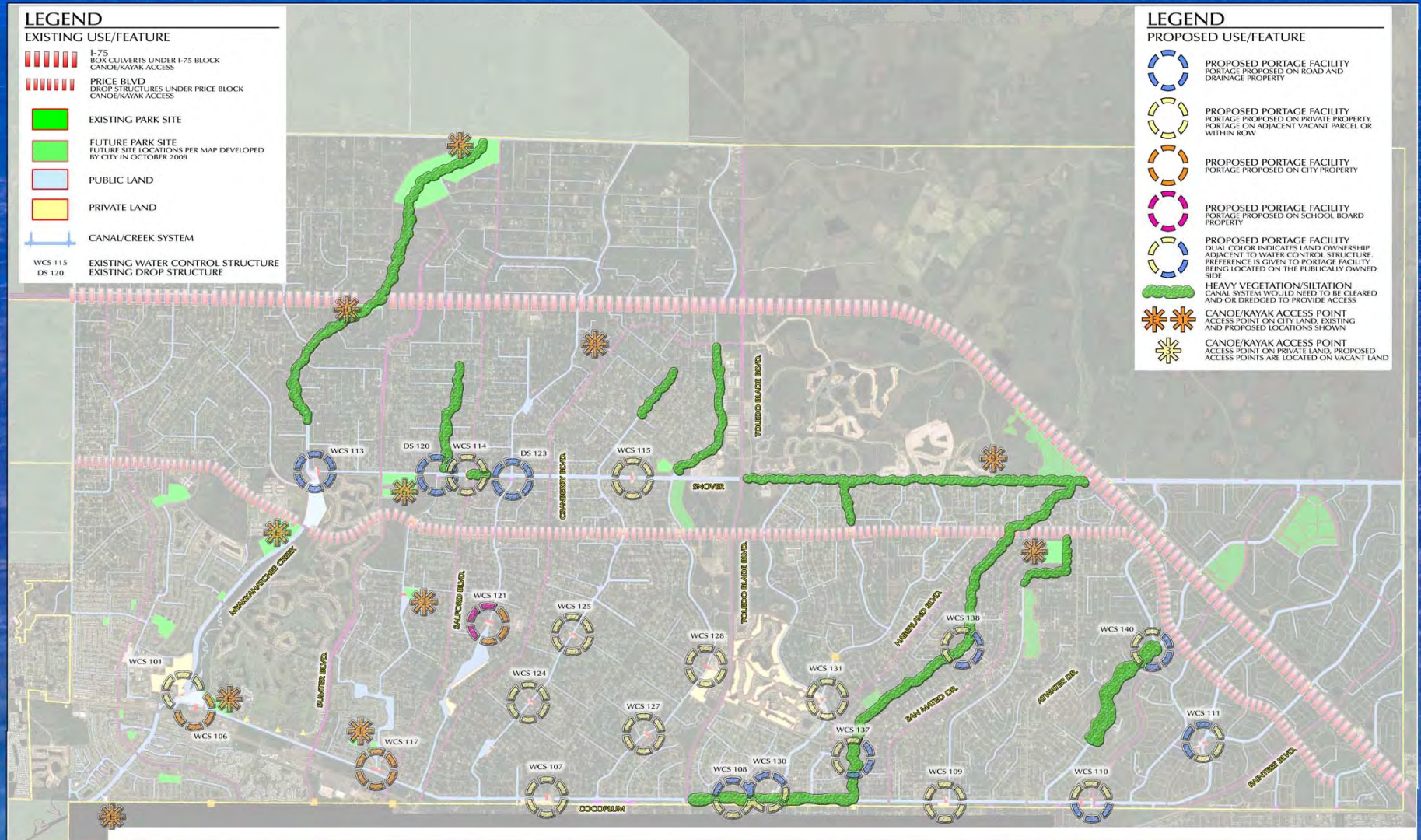
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EXISTING & PROPOSED ACCESS POINTS – CITY PROPERTY



Canal and Creek System Master Plan

Access Points - City Property

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
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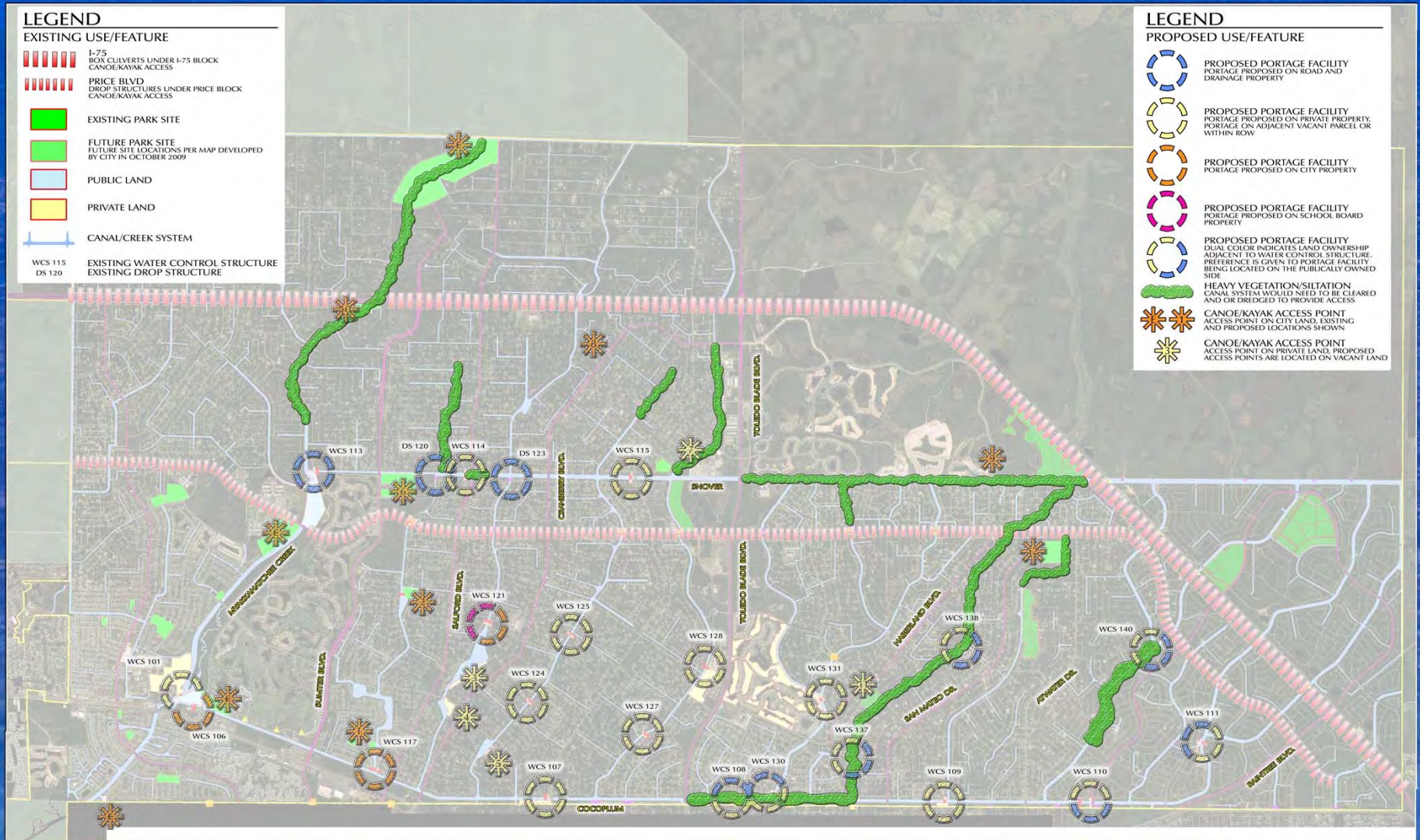
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PROPOSED ACCESS POINTS – PRIVATE PROPERTY (VACANT LOT)



Canal and Creek System Master Plan Access Points - Private Property (Vacant Lot)

CITY OF NORTH PORT
NORTH PORT, FLORIDA

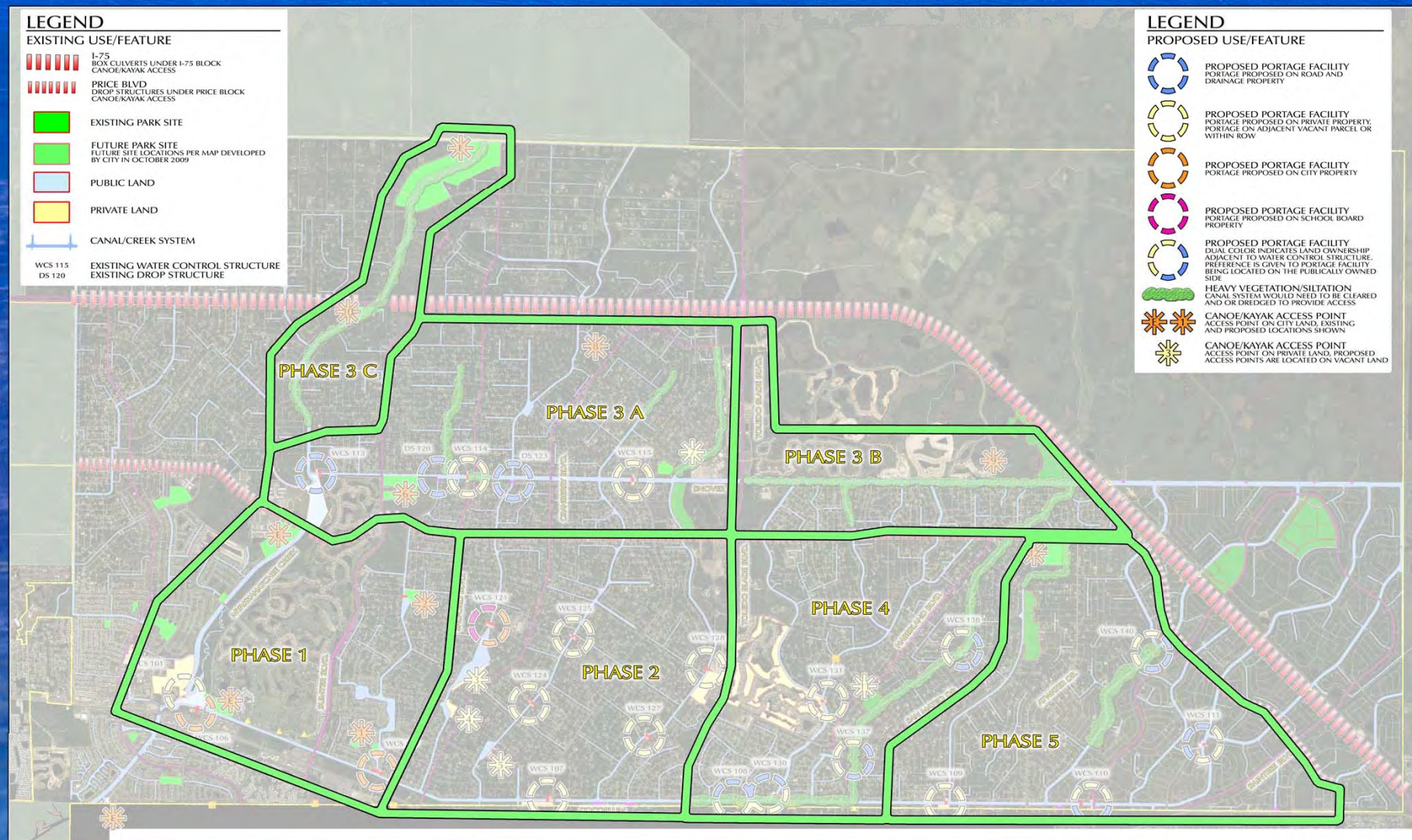
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OVERALL PHASING PLAN



Canal and Creek System Master Plan Overall Phasing Plan

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000

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PHASE 1 IMPLEMENTATION



Canal and Creek System Master Plan Phase 1

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
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PHASE 1 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION					
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST					
ITEM	DESCRIPTION	ESTIMATED	UNIT PRICE	AMOUNT	
I. PHASE I					
1	Portage Facility (EzDock, Bank Improvements)	6	EA	20,000.00	120,000.00
2	Canoe/Kayak Launch	2	EA	15,000.00	30,000.00
3	Fishing Pier at Blue Ridge Park	1	LS	50,000.00	50,000.00
4	Renovate Existing Canoe/Kayak Launch	1	EA	10,000.00	10,000.00
5	Landscaping (canoe/kayak launch)	2	AL	3,000.00	6,000.00
6	Clearing & Grubbing / Vegetation Removal	6000	LF	10.00	60,000.00
7	Dredging		LF	40.00	-
8	Signage (at canoe/kayak launch)	1	LS	5,000.00	5,000.00
9	Easement Acquisition	3	LS	10,000.00	30,000.00
11	Design/Permitting	1	LS	50,000.00	50,000.00
				SUBTOTAL	\$ 361,000.00
12	Contingency (15%)				\$ 54,150.00
				PHASE I TOTAL	\$ 415,150.00

PHASE 2 IMPLEMENTATION



Canal and Creek System Master Plan Phase 2

CITY OF NORTH PORT
NORTH PORT, FLORIDA

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PHASE 2 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION					
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST					
ITEM	DESCRIPTION	ESTIMATED	UNIT PRICE	UNIT PRICE	AMOUNT
II. PHASE II					
1	Portage Facility (EzDock, Bank Improvements)	12	EA	20,000.00	240,000.00
2	Canoe/Kayak Launch	3	EA	15,000.00	45,000.00
3	Landscaping (canoe/kayak launch)	3	AL	3,000.00	9,000.00
4	Clearing & Grubbing / Vegetation Removal	2600	LF	10.00	26,000.00
5	Dredging				
6	Signage (at canoe/kayak launch)	1	LS	7,500.00	7,500.00
7	Easement Acquisition	6	LS	10,000.00	60,000.00
8	Design/Permitting	1	LS	50,000.00	50,000.00
SUBTOTAL					\$ 437,500.00
9	Contingency (15%)				\$ 65,625.00
PHASE II TOTAL					\$ 503,125.00

PHASE 3 IMPLEMENTATION



- LEGEND**
EXISTING USE/FEATURE
- 1-75 BOX CULVERTS UNDER I-75 BLOCK CANOE/KAYAK ACCESS
 - PRICE BLVD DROP STRUCTURES UNDER PRICE BLOCK CANOE/KAYAK ACCESS
 - EXISTING PARK SITE
 - FUTURE PARK SITE
FUTURE SITE LOCATIONS PER MAP DEVELOPED BY CITY IN OCTOBER 2009
 - PUBLIC LAND
 - PRIVATE LAND
 - CANAL/CREEK SYSTEM
 - WCS 115
DS 120 EXISTING WATER CONTROL STRUCTURE
 - EXISTING DROP STRUCTURE

- LEGEND**
PROPOSED USE/FEATURE
- PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON ROAD AND DRAINAGE PROPERTY
 - PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON PRIVATE PROPERTY; PORTAGE ON ADJACENT VACANT PARCEL OR WITHIN ROW
 - PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON CITY PROPERTY
 - PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON SCHOOL BOARD PROPERTY
 - PROPOSED PORTAGE FACILITY
DUAL COLOR INDICATES LAND OWNERSHIP ADJACENT TO WATER CONTROL STRUCTURE. PREFERENCE IS GIVEN TO PORTAGE FACILITY BEING LOCATED ON THE PUBLICALLY OWNED SIDE
 - HEAVY VEGETATION/SILTATION
CANAL SYSTEM WOULD NEED TO BE CLEARED AND/OR DREDGED TO PROVIDE ACCESS
 - CANOE/KAYAK ACCESS POINT
ACCESS POINT ON CITY LAND, EXISTING AND PROPOSED LOCATIONS SHOWN
 - CANOE/KAYAK ACCESS POINT
ACCESS POINT ON PRIVATE LAND, PROPOSED ACCESS POINTS ARE LOCATED ON VACANT LAND

Canal and Creek System Master Plan Phase 3

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000

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CONTACT: JAMES B. PRINAKONIN, P.E. (941) 379-7600

PHASE 3 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION				
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST				
ITEM	DESCRIPTION	ESTIMATED	UNIT PRICE	AMOUNT
III. PHASE III				
PHASE 3A				
1	Portage Facility (EzDock, Bank Improvements)	10	EA	20,000.00
2	Canoe/Kayak Launch	3	EA	15,000.00
3	Landscaping (canoe/kayak launch)	3	AL	3,000.00
4	Clearing & Grubbing / Vegetation Removal - Canals	21000	LF	10.00
5	Signage (at canoe/kayak launch)	1	LS	7,500.00
6	Easement Acquisition	5	LS	10,000.00
7	Design/Permitting	1	LS	100,000.00
PHASE 3A SUBTOTAL				\$ 621,500.00
PHASE 3B				
1	Canoe/Kayak Launch	1	EA	15,000.00
2	Landscaping (canoe/kayak launch)	1	AL	3,000.00
3	Clearing & Grubbing / Vegetation Removal - Canals	24000	LF	10.00
4	Dredging	3000	LF	40.00
5	Signage (at canoe/kayak launch)	1	LS	2,500.00
6	Easement Acquisition	0	LS	10,000.00
7	Design/Permitting	1	LS	40,000.00
PHASE 3B SUBTOTAL				\$ 420,500.00
PHASE 3C				
1	Canoe/Kayak Launch	1	EA	15,000.00
2	Landscaping (canoe/kayak launch)	1	AL	3,000.00
3	Clearing & Grubbing / Vegetation Removal - Myakkahatchee	21500	LF	7.60
4	Signage (at canoe/kayak launch)	1	LS	2,500.00
5	Easement Acquisition		LS	10,000.00
6	Design/Permitting	1	LS	40,000.00
PHASE 3C SUBTOTAL				\$ 223,900.00
PHASE 3 SUBTOTAL				\$ 1,265,900.00
CONTINGENCY (15%)				\$ 189,885.00
PHASE III TOTAL				\$ 1,455,785.00

PHASE 4 IMPLEMENTATION



LEGEND
EXISTING USE/FEATURE

- 1-75 BOX CULVERTS UNDER I-75 BLOCK CANOE/KAYAK ACCESS
- PRICE BLVD DROP STRUCTURES UNDER PRICE BLOCK CANOE/KAYAK ACCESS
- EXISTING PARK SITE
- FUTURE PARK SITE
FUTURE SITE LOCATIONS PER MAP DEVELOPED BY CITY IN OCTOBER 2009
- PUBLIC LAND
- PRIVATE LAND
- CANAL/CREEK SYSTEM
- WCS 115
DS 120
EXISTING WATER CONTROL STRUCTURE
EXISTING DROP STRUCTURE

LEGEND
PROPOSED USE/FEATURE

- PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON ROAD AND DRAINAGE PROPERTY
- PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON PRIVATE PROPERTY; PORTAGE ON ADJACENT VACANT PARCEL OR WITHIN ROW
- PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON CITY PROPERTY
- PROPOSED PORTAGE FACILITY
PORTAGE PROPOSED ON SCHOOL BOARD PROPERTY
- PROPOSED PORTAGE FACILITY
DUAL COLOR INDICATES LAND OWNERSHIP ADJACENT TO WATER CONTROL STRUCTURE. PREFERENCE IS GIVEN TO PORTAGE FACILITY BEING LOCATED ON THE PUBLICALLY OWNED SIDE
- HEAVY VEGETATION/SILTATION
CANAL SYSTEM WOULD NEED TO BE CLEARED AND/OR DREDGED TO PROVIDE ACCESS
- CANOE/KAYAK ACCESS POINT
ACCESS POINT ON CITY LAND, EXISTING AND PROPOSED LOCATIONS SHOWN
- CANOE/KAYAK ACCESS POINT
ACCESS POINT ON PRIVATE LAND, PROPOSED ACCESS POINTS ARE LOCATED ON VACANT LAND

Canal and Creek System Master Plan Phase 4

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000

DATE: FEBRUARY 17, 2010
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Kimley-Horn and Associates, Inc.
URBAN RESOURCE GROUP

CONTACT: JAMES B. PRINAKONIN, P.E. (941) 379-7600

PHASE 4 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION					
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST					
ITEM	DESCRIPTION	ESTIMATED	UNIT PRICE	UNIT PRICE	AMOUNT
IV. PHASE IV					
1	Portage Facility (EzDock, Bank Improvements)	10	EA	20,000.00	200,000.00
2	Canoe/Kayak Launch	1	EA	15,000.00	15,000.00
3	Landscaping (canoe/kayak launch)	1	AL	3,000.00	3,000.00
4	Clearing & Grubbing / Vegetation Removal	24500	LF	10.00	245,000.00
5	Dredging				-
6	Signage (at canoe/kayak launch)	1	LS	2,500.00	2,500.00
7	Easement Acquisition (WCS 131)	5	LS	10,000.00	50,000.00
8	Design/Permitting	1	LS	50,000.00	50,000.00
SUBTOTAL					\$ 565,500.00
9	Contingency (15%)				\$ 84,825.00
PHASE IV TOTAL					\$ 650,325.00

PHASE 5 IMPLEMENTATION



Canal and Creek System Master Plan Phase 5

CITY OF NORTH PORT
NORTH PORT, FLORIDA

SCALE: IN FEET
0 1000 2000 4000

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PHASE 5 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION					
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST					
ITEM	DESCRIPTION	ESTIMATED		UNIT PRICE	AMOUNT
V. PHASE V					
1	Portage Facility (EzDock, Bank Improvements)	8	EA	20,000.00	160,000.00
2	Canoe/Kayak Launch	1	EA	15,000.00	15,000.00
3	Landscaping (canoe/kayak launch)	1	AL	3,000.00	3,000.00
4	Clearing & Grubbing / Vegetation Removal	16000	LF	10.00	160,000.00
5	Dredging	5600		40.00	224,000.00
6	Signage (at canoe/kayak launch)	1	LS	2,500.00	2,500.00
7	Easement Acquisition	4	LS	10,000.00	40,000.00
8	Design/Permitting	1	LS	50,000.00	50,000.00
SUBTOTAL					\$ 654,500.00
9	Contingency (15%)				\$ 98,175.00
PHASE V TOTAL					\$ 752,675.00

PHASES 1-5 IMPLEMENTATION

CITY OF NORTH PORT - CANAL AND CREEK MASTER PLAN IMPLEMENTATION				
PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST				
ITEM	DESCRIPTION	ESTIMATED	UNIT PRICE	AMOUNT
SUMMARY				
I. PHASE I				\$ 415,150.00
II. PHASE II				\$ 503,125.00
III. PHASE III				\$ 1,455,785.00
IV. PHASE IV				\$ 650,325.00
V. PHASE V				\$ 752,675.00
SUBTOTAL				\$ 3,777,060.00
GRAND TOTAL				\$ 3,777,060.00

Disclaimer: The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

GRANTS AND FUNDING SOURCES

FLORIDA RECREATION DEVELOPMENT ASSISTANCE PROGRAM (FRDAP)

- GRANTS FOR ACQUISITION OR DEVELOPMENT OF LAND FOR PUBLIC OUTDOOR RECREATION USE
- \$200,000,
- 50:50 MATCH

LAND AND WATER CONSERVATION FUND (LWCF)

- GRANTS FOR ACQUISITION OR DEVELOPMENT OF LAND FOR PUBLIC OUTDOOR RECREATION USE
- GRANT AMOUNTS TO BE ANNOUNCED
- 50:50 MATCH

FLORIDA BOATING IMPROVEMENTS PROGRAM (FBIP)

- GRANTS FOR PROJECTS DESIGNED TO MEET THE NEEDS OF BOATERS AND BOATING RELATED ACTIVITIES ON COASTAL OR INLAND WATERS
- \$25,000 – \$75,000
- 25%- 75% MATCH

APPENDIX A – TYPICAL PORTAGE FACILITY AND ACCESS POINTS



- EZ DOCK PORTAGE FACILITY
- 2 PER WATER CONTROL STRUCTURE



- SLOPED EARTH CANOE ACCESS
- SUITABLE FOR MOST APPLICATIONS



- DOCK STYLE CANOE ACCESS
- AS REQUIRED BY EXISTING CONDITIONS

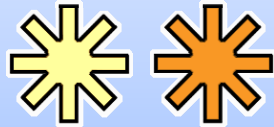


- EXISTING RAMP AND DOCK AT DALLAS WHITE PARK

APPENDIX B – WATER CONTROL STRUCTURES AND ACCESS POINTS BY PHASE



PORTAGE FACILITIES



ACCESS POINTS

PHASE 1 - WCS 101 – MYAKKAHATCHEE CREEK

- PORTAGE ON WEST SIDE
- VACANT PROPOERTY

