



AGENDA ITEM MEMORADUM

Capital Fund

Bill Cole, Project Manager

Department

Department Director

COMMISSION MEETING DATE (*) - 7:00 PM	Deadline to Town Clerk
<input checked="" type="checkbox"/> June 12, 2012	June 1

***Subject to Change**

- | | | | |
|---------------------------------------|---------------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> Presentation | <input checked="" type="checkbox"/> Reports | <input type="checkbox"/> Consent | <input type="checkbox"/> Ordinance |
| <input type="checkbox"/> Resolution | <input type="checkbox"/> Quasi-Judicial | <input type="checkbox"/> Old Business | <input type="checkbox"/> New Business |

FY2012 DESIGNATED HIGH PRIORITY ITEM - PRIORITY
TOPIC: Bougainvilla Drainage & Streetscape Project

SUBJECT TITLE: BOUGAINVILLA DRAINAGE & STREETSCAPE PROJECT DESIGN CONCEPT DISCUSSION

EXPLANATION: At the April 24 meeting, the Commission directed the designers of this project to proceed with the schematic design without the inclusion of pervious paving materials, not to narrow the swale; to provide for a roundabout at the intersection of Bougainvilla and Washingtonia, to provide landscaping and lighting improvements where possible without impacting the parking, and to provide ten-year storm drainage capacity. Staff was directed to meet with representatives of the Sea Ranch Center to discuss the residents' request for a pedestrian walkway across Pine Avenue to the Publix shopping center.

Since then, there has been concern expressed by the residents about not including pervious asphalt/concrete in the design and there are some residents who think the drainage will not work without the pervious asphalt or concrete, despite my explanations to them that that is not the case.

This agenda item is an update on those issues.

1. The Impact & Cost of Pervious Asphalt or Concrete

Flynn Engineering will be at Tuesday's meeting to present a more detailed explanation of why they feel pervious asphalt or concrete in this project is unnecessary.

2. The Roundabout

Flynn Engineering has concluded that the roundabout cannot be built without impacting a few parking spaces. The County Traffic Engineers will not approve any roadway modification plans in which a car backs into an intersection from a parking space, even if the situation exists currently. That circumstance exists now on the southwest and northeast corners of the intersection. In addition, Broward County Traffic Engineering has adopted standards that require pedestrian crosswalks be located a minimum of 30.5 feet from any intersection that has a roundabout., which would force pedestrians to walk 61 feet out of their way just to cross the street. (We think it likely the pedestrians would actually cross the road at the intersection rather than walk that far out of their way.)



These two factors led us to conclude the roundabout is not a viable option. We then contemplated the possibility of keeping the four way stop intersection, but having a smaller landscape feature in the middle of the intersection. Flynn Engineering and Town staff met with Broward County Traffic Engineering Division representatives on June 5, 2012 to discuss the intersection at Washingtonia and Bougainvilla. Flynn presented a design incorporating a four-way stop with a landscape element in the center of the intersection. BCTED informed us that this is not in their list of approved designs, and they would not approve it. It was further stated that approval would be granted only if the four-way stop remained basically unchanged except for landscaping and improved crosswalks. They would actually prefer that the intersection be a two way stop.

It is our understanding that the County will allow hardscape surface treatments to the intersection, such as stamped asphalt and surface color with delineated crosswalks. Flynn Engineering estimates the cost of that surface treatment to be \$10,000.00 (It would be what was originally proposed in the design with the roundabout removed and replaced with stamped asphalt.)

We recommend that the roundabout be removed from the design but that the intersection treatment of stamped, colored asphalt be retained.

3. Landscape & Lighting

In most cases, the proposed landscape islands straddle two property lines. On 5/9/12 & 6/1/12 letters were sent to those owners of property on Bougainvilla where landscape islands are planned requesting their feedback on the landscaping. We have heard from 16 of the 30 affected properties. A summary of comments received is attached as Exhibit 2.

Only 8 property owners whose properties are adjacent to the proposed landscaping are at all supportive of landscaping, and 2 of them do not want to have to maintain the landscaping. (The maintenance will be nominal.)

Staff needs direction as to whether we should direct the designers to remove the landscape from in front of the properties of those property owners who object to it and/or do not want to maintain it.

With regards to adding street lights to Bougainvilla, staff met with an FP&L representative on site to evaluate the options. Since light poles can only be located where they will not block access to parking, these are the same locations used in the landscape proposal. Unfortunately in virtually all instances these locations do not offer clear overhead access to power sources. Wiring for street lights would be connected to transformers on existing poles located at the rear of properties along the street. Access to them is blocked either by trees or buildings. FP&L will not install overhead wiring through vegetation or across the tops of buildings. The light that the residents report came down after a hurricane cannot be replaced because there are now trees in the way to the power source.



We recommend installing two additional street lights at the only locations where it is possible - at the intersection of Bougainvillea and Washingtonia (one light exists currently there) and one at the southern edge of the project in the swale area of Municipal Park.

4. Crosswalk to Sea Ranch Center

Town staff met with representatives of the Sea Ranch Center regarding their interest in designated pedestrian access to the shopping center from Pine Avenue at Bougainvillea Drive. We had explained that the Town would pay for the crosswalk on Pine Avenue, but they would have to pay for the pedestrian crossing on their property. They were very interested in the idea, however, have subsequently advised that they do not have capital improvement funds for their portion of the project either in 2012 or in 2013.

5. Landscape Areas

The attached cost estimate from Flynn Engineering for the project includes landscaping at all of the possible landscape islands plus landscaping at all four corners of the intersection. That figure will be adjusted once the commission makes a decision on the landscaping issue.

EXPECTED OUTCOME: Staff seeks direction from the Commission on the following design issues:

1. Abandon the proposal to include a roundabout in the design.
2. Proceed with a stamped, colored asphalt treatment of the intersection of Bougainvillea and Washingtonia.
3. Whether to proceed with landscaping on only the six locations where the adjacent property owners are fully supportive of the proposed landscaping.
4. Ask FP&L to install two additional streetlights as recommended above.

- EXHIBIT(S):**
1. Cost estimate from Flynn Engineering
 2. Response from residents to proposed landscape sections.
 3. Plan view of proposed intersection

Reviewed by Town Attorney
 Yes No

Town Manager Initials CA

FLYNN ENGINEERING SERVICES, P.A.
241 Commercial Boulevard
Lauderdale-By-The-Sea, FL 33308

BOUGAINVILLE DRIVE - 50% DESIGN COST ESTIMATE

Project : **BOUGAINVILLE DRIVE**

Project Number : 12-1002.00

Date : 06/08/12

Location :

Estimate For : Town of Lauderdale-By-The-Sea

Quantities By : DRS

Client : Town of Lauderdale-By-The-Sea

No.	Description	Quantity	Unit	Unit Cost	Subtotal	TOTAL
DEMOLITION						
1	Asphalt Pavement removal	4200	SY	\$2.50	\$10,500.00	
2	Concrete Sidewalk removal	50	SY	\$9.00	\$450.00	
3	Concrete Driveway Removal	30	SY	\$9.00	\$270.00	
4	Catch Basin Removal/Backfill	23	EA	\$1,000.00	\$23,000.00	
5	Storm Piping Removal/Backfill	2300	LF	\$5.00	\$11,500.00	
	SubTotal Demolition					\$45,720.00
PAVING / EARTHWORK						
6	Asphalt Pavement	3,200	SY	\$25.00	\$80,000.00	
7	*Includes Subbase, Limerock & Asphalt)					
8	Stamped Asphalt Additional Cost (Intersection)	400	SY	\$25.00	\$10,000.00	
9	Type D Concrete Curbing	700	LF	\$15.00	\$10,500.00	
10	Type F Concrete Curb & Gutter	150	LF	\$25.00	\$3,750.00	
11	Mill Existing Asphalt Road	2,900	SY	\$3.00	\$8,700.00	
12	Repave Asphalt Road	2,900	SY	\$8.00	\$23,200.00	
13	Concrete Sidewalk	1,450	SF	\$5.00	\$7,250.00	
14	Road Restoration	400	SY	\$25.00	\$10,000.00	
15	Striping/Signage	1	LS	\$20,000.00	\$20,000.00	
	SubTotal Paving					\$173,400.00
STORM DRAINAGE						
16	Catch Basins	36	EA	\$3,500.00	\$126,000.00	
17	15" HDPE	1615	LF	\$30.00	\$48,450.00	
18	Exfiltration Trench	680	LF	\$75.00	\$51,000.00	
19	Drainage Conflicts Allowance	1	LS	\$50,000.00	\$50,000.00	
	SubTotal Storm Drainage					\$275,450.00
LANDSCAPE AND IRRIGATION						
20	Landscape Islands	28	EA	\$750.00	\$21,000.00	
21	Landscape Intersection	1	LS	\$5,000.00	\$5,000.00	
	SubTotal Landscape					\$26,000.00
SUB-TOTAL						\$520,570.00
20% CONTINGENCY						\$104,114.00
TOTAL ESTIMATED COST						\$624,684.00

Exhibit 2

Response from Residents to proposed Drainage & Landscape Project on North Bougainville Drive

(Note: We advised property owners that the town would water in the planted materials, but once the landscaping was established, they would have simple maintenance responsibility for it.)

Address	Comments
4532	(Mana Loa Condo) Michael Hampel called several times and stopped by to express his approval of the landscape plans and would like even more islands if possible
4616	John Bailey expressed concern that space for garbage cans would be lost if landscape islands are installed
4540 & 4552	(Lamplighter Condo & Bermuda Isles Condo) Ralph Doering represents both addresses and sent an email expressing strong opposition to the whole project especially for the plans in front of these properties. He stated that the owners of both properties are not interested in having any landscape installed in front of their properties. They think this will negatively impact their property values. He also wanted to get the attorney for both owners involved.
4531	Robert & Mary Lyle are in favor of the landscape plans but want to be involved in the choice of trees since Mary is severely allergic to a number of trees.
4648	Pat Pereira does not think the residents should be responsible for landscape maintenance since the town already takes care of this on Seagrape. She also wants to see some use of pervious concrete.
4604	(Mt. Vernon Condo) Frank Myer thinks the landscape island planned for the southern end of his property will block access to parking. June Lassel contacted the town about this address, too. She is concerned about the maintenance of landscape islands being tasked to the property owners.
4613	Betty Bauman thinks that access to parking will be adversely affected by the islands. (there is no landscaping planned near her property) Town Staff met Ms Bauman at the site where neighbors from nearby properties (4609 & 4617) expressed approval of the plans. (4617 has no landscaping planned near it, but the residents like the concept)
4640	(Bougainville Condo) Ann Rhinesmith called and emailed to express her enthusiasm for the project. She thinks the plans look great.

4637 Patrick Pointu objected to the landscape islands for several reasons. One is the maintenance – he does not think it should be his responsibility to maintain plants in the town’s property. He also thinks the islands will take away the space used for garbage cans. He also objects to the loss of parking space in the swale. Mr. Pointu contends that the landscape island planned for the southern end of his property is too large and should be scaled back.

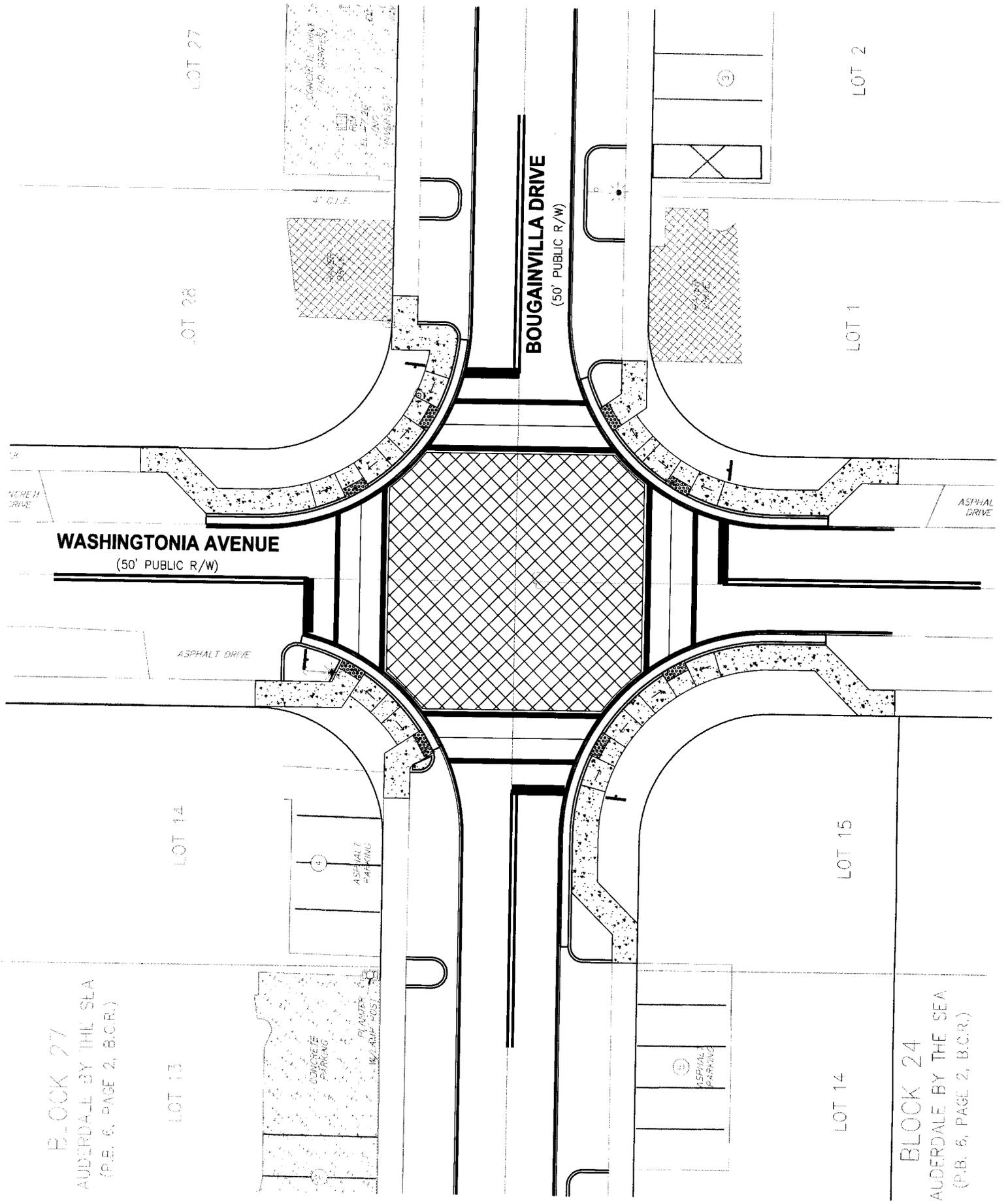
4628 Larry & Victoria Lauricella expressed objection to the responsibility to maintain the landscape islands. They do not reside at the property most of the year and do not want this duty. They do not want any landscaping near their property. They also inquired about the town’s response to the petition about pervious paving.

4600 Brad Carson submitted the following concerns regarding the traffic circle: 1) Car lights will shine through windows when heading south and east at night. 2) Would not speed bumps accomplish the same traffic calming effect without the additional expense? Mr. Carson did not offer an opinion on the landscape plans.

4560 & 4562 Anthony Lomascolo has continually expressed his approval for the project and the landscaping.

4620 Bougainvillea & 205 Washingtonia (White Cap of Florida) Robert White initially objected to the project, but when contacted on May 22 he expressed his enthusiastic support.

Despite sending two letters, the other property owners did not respond.



BLOCK 27
 AUERDALE BY THE SEA
 (P.B. 6, PAGE 2, B.C.R.)

BLOCK 24
 AUERDALE BY THE SEA
 (P.B. 6, PAGE 2, B.C.R.)