



# CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 04/24/2007

**Subject:** Discussion Only – FEC Access by Fire Station 2 (Cambridge Project)  
**Department:** Public Works.

### Recommended Motion:

Discussion Only.

### Summary:

An access road by Fire Station 2 on Trailwood Drive, utilized by Florida East Coast Railway, was eliminated with the construction of a retention pond needed for the Cambridge Drainage Improvements Project. The FEC requires access in order to perform maintenance on the tracks and signals. Attached is a proposal from Masci Corporation that provides three options, and their related costs, in order to restore the FEC access.

**Attachments:**  Ordinance  Resolution  Budget Resolution  
 Other  Support Documents/Contracts Available for Review in Manager's Office  
Cost Estimate Masci Corporation


<b>Department Head</b> <i>[Signature]</i>	Submitted	Date 4-12-2007
<b>Finance Department</b> <i>[Signature]</i>	Approved as to Budget Requirements	Date 4/12/07
<b>City Attorney</b>	Approved as to Form and Legality <i>[Signature]</i>	Date
<b>City Manager</b> <i>[Signature]</i>	Approved Agenda Item For	Date 4/24/07

**COUNCIL ACTION:**  Approved as Recommended  Disapproved  
 Tabled Indefinitely  Continued to Date Certain  Approved with Modification

## MEMORANDUM

**TO:** Kenneth W. Parker  
City Manager

**DATE:** April 11, 2007

**FROM:** Warren Pike   
Public Works Director

**SUBJECT:** Agenda Item for April 24, 2007

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Please place FEC access options (Cambridge project) for discussion on the Council Agenda for April 24<sup>th</sup>.

### **Commentary**

Staff has received a proposal from Masci Corporation with three options on how to give Florida East Coast Railway access to their tracks at Fire Station 2 on Trailwood Drive. Previous access, needed for maintenance of signals and trestles, was eliminated with the construction of a retention pond in association with the Cambridge Basin Drainage Improvements project.

As shown on the attached, the first two options involve installing pipe in the pond and the construction of a road over the pipe; Option #1 however involves the use of mitered end sections and is more costly, \$193,925.00 versus \$128,025.00 for Option #2. The third option involves the construction of a wood bridge, and is the most expensive option, with an estimated cost of \$195,665.00.

### **Recommendation**

Discussion Only.

# MASCI CORPORATION

GENERAL CONTRACTORS

5752 S. RIDGEWOOD AVE., HARBOR OAKS, FL 32127

Tel. (386) 322-4500 : FAX (386) 322-4600

April 6, 2007

Mr. Andrew Gianini, PE  
Quentin L. Hampton Associates, Inc.  
PO BOX 290247  
Port Orange, FL 32129-0247

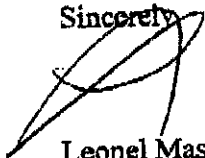
Project: Cambridge Canal Basin, Phase 2  
Drainage Improvements  
City of Port Orange

Dear Andrew;

Attached are 3 different options on how to give FEC Access across the retention pond on the above-mentioned project. Please let us know how to proceed.

If you should have any questions, please call us.

Sincerely,



Leonel Masci  
President

Cc; Regina Brinkle, QLH

FEC Access thru the pond

Option #1 - 72" RCP w/ MES

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Earthwork	1	LS	\$ 30,000.00	\$ 30,000.00
2	72" RCP	288	LF	\$ 370.00	\$ 106,560.00
3	72" MES	4	EA	\$ 5,000.00	\$ 20,000.00
4	Grouted Coquina Rock	167	SY	\$ 100.00	\$ 16,700.00
5	Concrete on Toe of Pipe	10	CY	\$ 1,000.00	\$ 10,000.00
6	8" Road Base	711	SY	\$ 15.00	\$ 10,665.00
Total					\$ 193,925.00

Option #2 - 72" RCP FDOT Index 258

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Earthwork	1	LS	\$ 30,000.00	\$ 30,000.00
2	72" RCP	128	LF	\$ 370.00	\$ 47,360.00
3	Sand Cement Bags	1	LS	\$ 30,000.00	\$ 30,000.00
4	Concrete on Toe of Pipe	10	CY	\$ 1,000.00	\$ 10,000.00
5	8" Road Base	711	SY	\$ 15.00	\$ 10,665.00
Total					\$ 128,025.00

Option #3 - 40' x 16' Wood Bridge

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Earthwork	1	LS	\$ 30,000.00	\$ 30,000.00
2	Wood Bridge	1	LF	\$ 155,000.00	\$ 155,000.00
3	8" Road Base	711	SY	\$ 15.00	\$ 10,665.00
Total					\$ 195,665.00