Agenda Item #: 3 - C -2

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: April 1, 2008

{X} Consent
{ } Public Hearing

} Regular
} Workshop

Department:Submitted By:Engineering and Public WorksSubmitted For:Engineering Services Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to adopt: A Resolution authorizing execution of a Tri-Partite Agreement with the Florida East Coast Railway (FEC) and the Florida Department of Transportation (FDOT) for installation and maintenance responsibility of the FEC grade crossing on SE 23RD Avenue, Boynton Beach (Milepost 313+848).

Summary: The FDOT has set aside Federal Rail Title II Signal Safety Funding for safety improvements to this crossing. The FEC will install these improvements and the FDOT will reimburse the FEC for all construction costs. Palm Beach County (County) will assume the maintenance responsibility of this railway crossing after the work is done.

District: 7 (MRE)

Background and Justification: The FDOT is having railroad protective devices upgraded at the subject grade crossing. The FEC will perform all work associated with the installation and the FDOT will reimburse the FEC for all material and construction costs. Once complete, the County will assume maintenance responsibility from the City of Boynton Beach since SE 23RD Avenue is a County maintained roadway. The County will pay \$1,573 (50%) of the annual signal maintenance fee of \$3,146 and any future maintenance and adjustment costs of the railroad crossing traffic control devices.

This office, having reviewed said Agreement, recommends that the Board of County Commissioners adopt the accompanying Resolution authorizing execution of the Tri-Partite Agreement.

Attachments:

- 1. Location Map
- 2. Resolution (3)
- 3. Agreements (6)

Recommended By: Or Charles Rich	2/15/08 Wille
Division Director	Date
Approved By: Say T. W. County Engineer	3/11/08 Date
F.\ENG SER\RAILWAY 2003-06\SE23rd Avenue safety maint fec bai.doc	

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years Capital Expenditures Operating Costs External Revenues Program Income (County) In-Kind Match (County) NET FISCAL IMPACT	2008 \$ -0- -0- -0- -0- \$ -0- \$ -0-	2009 -0- \$1,573 -0- -0- -0- \$1,573	2010 -0- \$1,573 -0- -0- \$1,573	2011 <u>-0-</u> \$1,573 <u>-0-</u> <u>-0-</u> \$1,573	2012 <u>-0-</u> \$1,573 <u>-0-</u> <u>-0-</u> \$1,573
# ADDITIONAL FTE POSITIONS (Cumulative)					
Is Item Included in Current Budget Acct No.: Fund Progr	Dept	Yes Unit O	bject	No <u>.</u>	

B. Recommended Sources of Funds/Summary of Fiscal Impact:

County Transportation Trust Fund Railroad Crossing Maintenance

This item has no immediate fiscal impact.

After completion of the upgrades, the County will pay an annual maintenance fee of \$1,573 plus any future maintenance and adjustment costs of the railroad crossing traffic control devices. This will be funded as an operating cost in the Railroad Crossing Maintenance account.

C. Departmental Fiscal Review:

III. <u>REVIEW COMMENTS</u>

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

12/08

B. Approved as to Form and Legal Sufficiency:

פנין דון Contract Dev

This Contract complies with our contract review requirements.

<u>.3/18/08</u>

Assistant County Attorney

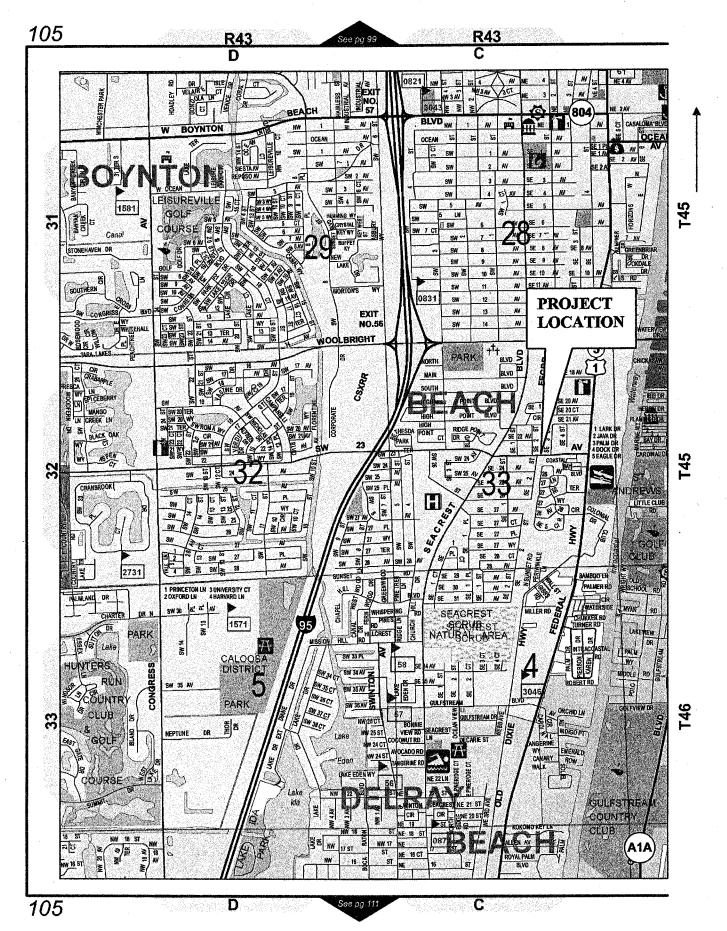
C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

2

I:\WP\AgendaPage2\Agnpgtwo2008\00040R.rr crossing maint.No Impact



LOCATION MAP

ATTACHMENT NO. 1

RESOLUTION NO. R-2008

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA AUTHORIZING EXECUTION OF A RAILROAD REIMBURSEMENT AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION AND FLORIDA EAST COAST RAILWAY FOR SAFETY IMPROVEMENTS AT THE SE 23RD AVENUE RAILWAY CROSSING.

WHEREAS, the Florida Department of Transportation (FDOT) is constructing, reconstructing or otherwise changing a portion of the Public Road System on SE 23RD Avenue which shall call for the installation and maintenance of railroad grade crossing traffic control devices for the railroad grade crossing over or near SE 23RD Avenue; and

WHEREAS, the FDOT will fund safety improvements to the SE 23RD Avenue at the Florida East Coast Railway, Inc. (FEC) crossing designated as Financial Number 420475-1-57-01 on SE 23RD Avenue at Crossing Number 272485-X in Boynton Beach, Florida and

WHEREAS, the FEC will construct the safety improvements; and

WHEREAS, Palm Beach County will fund 50 percent of the annual maintenance fees and

future maintenance and adjustment costs of said devices.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY

COMMISSIONERS OF PALM BEACH COUNTY FLORIDA:

That Palm Beach County enter into the funding and maintenance agreement with FDOT and FEC for the funding, construction and maintenance of the safety improvements, and

That the Chairman of the Board of County Commissioners be authorized to enter into such

agreements with the FDOT, as herein described: and

That this RESOLUTION shall take effect immediately upon adoption.

1

RESOLUTION NO. 2008-April 1, 2008

The foregoing Resolution was offered by Commissioner ______ who moved its adoption. The motion was seconded by Commissioner ______ and upon being put to a vote was as follows:

ADDIE L. GREENE, Chairperson JOHN F. KOONS, Vice Chair KAREN T. MARCUS ROBERT J. KANJIAN MARY McCARTY BURT AARONSON JESS R. SANTAMARIA

The Chairperson thereupon declared the resolution duly passed and adopted

SHARON R. BOCK, CLERK & COMPTROLLER

By:_

Deputy Clerk

SE AL

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By:_

(County Attorney)

F:\ENG_SER\RAILWAY 2003-06\SE 23RD AVE safety_resolution.DOC

ATTACHMENT NO. 2

2

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

RAILROAD REIMBURSEMENT AGREEMENT GRADE CROSSING TRAFFIC CONTROL DEVICES - COUNTY

725-090-27 RAIL OGC - 01/07

	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
42047515701	SE 23rd Avenue	PALM BEACH		00S4-044-J

County, a political subdivision of the State of Florida, acting by and through its Board of County Commissioners, hereinafter called the COUNTY.

WITNESSETH:

WHEREAS, the DEPARTMENT is constructing, reconstructing or otherwise changing a portion of the Public Road System, designated by the Financial Project ID42047515701, on SE 23rd Avenue, which crosses at grade the right of way and

	· · · · · · · · · · · · · · · · · · ·	0	0		
tracks of the COMPANY'S Milepost 313 + 848'				,	
FDOT/AAR Crossing Number 272485-X	, at or near Boynton Beach			,	
as shown on DEPARTMENT'S Plan Sheet No. Location Map	, attached hereto as	a part here	of; and		

NOW, THEREFORE, in consideration of the mutual undertakings as herein set forth, the parties hereto agree as follows:

The COMPANY shall furnish the necessary materials and install Automatic Grade Crossing Signals
Type III Class III and/or other traffic control devices at said location on an actual cost basis
and in accordance with (1) the attached detailed statement of the work, plans, and specifications; and (2) the
DEPARTMENT'S Plans and Standard Index Number 17882 attached hereto and made a part hereof.

2. After installation of said signals is completed, fifty (50%) percent of the expense thereof in maintaining the same shall be borne by the COUNTY and fifty (50%) percent shall be borne by the COMPANY, as enumerated by the Schedule of Annual Cost of Automatic Highway Grade Crossing Devices attached hereto and by this reference made a part hereof and subject to future revision.

3. After said signals have been installed and found to be in satisfactory working order by the parties hereto, the same shall be immediately put into service, operated and maintained by the COMPANY so long as said COMPANY or its successors or assigns shall operate the said signals at said grade crossing; or until it is agreed between the parties hereto that the signals are no longer necessary or until the said crossing is abandoned; or legal requirements occur which shall cease operation of signals thereat.

The COMPANY agrees that any future relocation or adjustment of said signals shall be performed by the COMPANY, but at the expense of the party initiating such relocation. Upon relocation the maintenance responsibilities shall be in accordance with the provisions of this agreement. It is further agreed that the cost of maintaining any additional or replacement signal equipment at the same location will be chared as provided under Paragraph 2. above.

4. Unless otherwise agreed upon herein, the COUNTY agrees to insure that at the crossing the advance warning signs and railroad crossing pavement markings will conform to the U.S. Department of Transportation Manual on Uniform Traffic Control Devices within 30 days of notification that the railroad signal improvements have been completed and that such signs and pavement markings will be continually maintained at an acceptable level.

5. The COMPANY hereby agrees to install and/or adjust the necessary parts of its facilities along said road in accordance with the provisions set forth in the:

_____(a)

DEPARTMENT Procedure No. 725-080-002 Appendix D.4, and Rule 14.57.011 "Public Railroad-Highway Grade Crossing Costs", Florida Administrative Code.

X (b)

Federal Highway Administration Federal-Aid Policy Guide, 23 C.F.R. Subchapter G, Part 646, Subpart B, and 23 C.F.R., Subchapter B, Part 140, Subpart I,

and any supplements thereto or revisions thereof, which, by reference hereto, are made a part hereof. The COMPANY further agrees to do all of such work, with its own forces or by a contractor paid under a contract let by the COMPANY, all under the supervision and approval of the DEPARTMENT and the Federal Highway Administration, when applicable.

6. The DEPARTMENT hereby agrees to reimburse the COMPANY for all costs incurred by it in the installation and/or adjustment of said facilities, in accordance with the provisions of Procedure No. 725-080-002 Appendix D-4 "Billing Requirements," and any supplements thereto or revisions thereof. It is understood and agreed by and between the parties hereto that preliminary engineering costs not incorporated within this agreement shall not be subject to payment by the DEPARTMENT.

7. Attached hereto, and by this reference made a part hereof, are plans and specifications of the work to be performed by the COMPANY pursuant to the terms hereof, and an itemized estimate of the cost thereof in the amount of <u>199,080.00</u>. All work performed by the COMPANY pursuant hereto, shall be performed according to these plans and specifications as approved by the DEPARTMENT and the Federal Highway Administration if federal aid participating; and all subsequent plan changes shall likewise be approved by the DEPARTMENT and the Federal Highway Administration, when applicable.

8. All labor, services, materials, and equipment furnished by the COMPANY in carrying out the work to be performed hereunder shall be billed by the COMPANY direct to the DEPARTMENT. Separate records as to the costs of contract bid items and force account items performed for the COMPANY shall also be furnished by the COMPANY to the DEPARTMENT.

9. The COMPANY has determined that the method to be used in developing the relocation or installation cost shall be as specified for the method checked and described hereafter:

Х (a) (b)

Actual and related indirect costs accumulated in accordance with a work order accounting procedure prescribed by the applicable Federal or State regulatory body.

Actual and related indirect costs accumulated in accordance with an established accounting procedure developed by the COMPANY and approved by the DEPARTMENT.

(c)

An agreed lump sum \$ 0.00 , as supported by a detail analysis of estimated cost attached hereto. (NOTE: This method is not applicable where the estimated cost of the proposed adjustment exceeds \$100,000.)

10. The installation and/or adjustment of the COMPANY'S facility as planned will () will () will () will not

involve additional work over and above the minimum reimbursable requirements of the DEPARTMENT. (If upgrading and/or nonreimbursable work is involved at the option of the COMPANY, then credit against the cost of the project is required and will be governed by the method checked and described hereafter):

🛛 (a) % will be applied to the final billing of work actually accomplished to determine required credit for (betterment) and/or (expired service life) and/or (nonreimbursable segments). (b) All work involving nonreimbursable segments will be performed by special COMPANY work or job order number apart and separate from the reimbursable portion of the work; such work or job order number to be . The COMPANY further agrees to clearly identify such additional work areas in the COMPANY'S plans and estimates for the total work covered by this Aareement. (c) 0.00 credited for O betterment \$ O expired service life O nonreimbursable segments in accord with Article 9.(c) hereinabove.

11. It is specifically agreed by and between the DEPARTMENT and the COMPANY that the DEPARTMENT shall receive fair and adequate credit for any salvage which shall accrue to the COMPANY as a result of the above installation and/or adjustment work.

12. It is further agreed that the cost of all improvements made during this adjustment work shall be borne by the COMPANY, subject only to the DEPARTMENT bearing such portion of this cost as represents the cost of adjustment of previously existing facility, less salvage credit as set forth in the immediately preceding paragraph.

13. Upon completion of the work the COMPANY shall, within one hundred eighty (180) days, furnish the DEPARTMENT with two (2) copies of its final and complete billing of all costs incurred in connection with the work performed hereunder, such statement to follow as closely as possible the order of the items contained in the estimate attached hereto. The totals for labor, overhead, travel expense, transportation, equipment, material and supplies, handling costs and other services shall be shown in such a manner as will permit ready comparison with the approved plans and estimates. Materials shall be itemized where they represent major components of cost in the relocation following the pattern set out in the approved estimate as closely as is possible. Salvage credits from recovered and replaced permanent and recovered temporary materials shall be reported in said bills in relative position with the charge for the replacement or the original charge for temporary use.

The final billing shall show the description and site of the Project; the date on which the first work was performed, or, if preliminary engineering or right-of-way items are involved, the date on which the earliest item of billed expense was incurred; the date on which the last work was performed or the last item of billed expense was incurred; and the location where the records and accounts billed can be audited. Adequate reference shall be made in the billing to the COMPANY'S records, accounts and other relevant documents. All cost records and accounts shall be subject to audit by a representative of the DEPARTMENT. Upon receipt of invoices, prepared in accordance with the provisions of the above indicated Reimbursement Policy, the DEPARTMENT agrees to reimburse the COMPANY in the amount of such actual costs as approved by the DEPARTMENT'S auditor.

14. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the DEPARTMENT's Comptroller under Section 334.044(29), F.S., or by the Department of Financial Services under Section 215.422(14), Florida Statutes (F.S.).

15. In accordance with Section 287.058, Florida Statutes, the following provisions are in this Agreement: If this Contract involves units of deliverables, then such units must be received and accepted in writing by the Contract Manager prior to payments. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper preaudit and postaudit thereof.

16. Bills for travel expenses specifically authorized in this agreement shall be submitted and paid in accordance with DEPARTMENT Rule 14-57.011 "Public Railroad-Highway Grade Crossing Costs" and the Federal Administration Federal-Aid Policy Guide, Subchapter B, Part 140, Subpart I "Reimbursement for Railroad Work."

17. In accordance with Section 215.422, Florida Statutes, the following provisions are in this Agreement: Contractors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless the Agreement specifies otherwise. The Department has 20 days to deliver a request for payment (voucher) to the Department of Financial Services. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

If a payment is not available within 40 days, a separate interest penalty at a rate as established pursuant to Section 215.422(3)(b), Florida Statutes, will be due and payable, in addition to the invoice amount, to the Contractor. Interest penalties of less than one (1) dollar will not be enforced unless the Contractor requests payment. Invoices which have to be returned to a Contractor because of Contractor preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for contractors/vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 410-9724 or by calling the Department of Financial Services Hotline, 1-800-848-3792.

18. Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for five years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred includes the Contractor's general accounting records and the project records, together with supporting documents and records, of the Contractor and all subcontractors performing work on the project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.

19. In the event this contract is for services in excess of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) and a term for a period of more than one year, the provisions of Section 339.135(6)(a), Florida Statutes, are hereby incorporated:

The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that such funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one year, but any contract so made shall be executory only for the value of the services to be rendered

or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

20. In accordance with Section 287.133 (2)(a), Florida Statutes, the following provisions are included in this Agreement:

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provide in s.287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

21. In accordance with Section 287.0582, Florida Statues, the following provisions are included in this Agreement:

The Department's obligation to pay under this contract is contingent upon an annual appropriation by the Florida Legislature.

22. The COMPANY covenants and agrees that it will indemnify and hold harmless the

DEPARTMENT and all of the DEPARTMENT'S officers, agents, and employees from any claim, loss,

damage, cost charge, or expense arising out of any act, action, neglect, omission or delay by the

COMPANY during the performance of the contract, whether direct or indirect, and whether to any person

or property to which the DEPARTMENT or said parties may be subject, except that neither the

COMPANY nor any of its sub-contractors will be liable under this section for damages arising out of injury

or damage to persons or property directly caused or resulting from the sole negligence of the

DEPARTMENT or any of its officers, agents, or employees.

23. Paragraph 22 stricken through prior to execution by all parties.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed by their duly authorized officers, the day and year first above written.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

BY: (TITLE: Director of Transportation Development) COMPANY: Florida East Coast Railway, LLC **General Manager** Signals & Communications. BY: ATTEST: SHARON R. BOCK, CLERK COUNTY, FLORIDA Palm Beach BY: ADDIE L. GREENE BY: DEPUTY CLERK (TITLE: CHAIRPERSON, BOARD OF COUNTY COMMISSIONERS Approved as to FAPG Requirements Approved as to Funds Available Legal Review BY: N/A BY: BY: Date FHWA Date Comptroller - DOT Date Attorney - DOT PALM BEACH COUNTY: APPROVED AS TO TERMS & CONDITIONS

Pack BY: ENGINEER

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

BY: COUNTY ATTORNEY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION WORK DESCRIPTION GRADE CROSSING TRAFFIC CONTROL DEVICES

725-090-09 RAIL 05/02

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
42047515701	SE 23rd Avenue	PALM BEACH		00S4-044-J
<u></u>	RAILRO	DAD COMPANY		· · · · · · · · · · · · · · · · · · ·
	Florida East 0	Coast Railway, L.L.(Э.	
A. JOB DESCRIPTION	& LOCATION: FL&G, CWT, E	Event Recorder, Cal	ble	
3. TYPE OF ROADWA	that the second		<u></u>	
C. FDOT/AAR XING NO		RR MILE POS	ST TIE: 313+848'	······································
D. TYPE CROSSING P		LASS: III	DOT INDEX NO .: 178822	······
		LAGG		
 STATUS AND PROF 1. EXISTING DEVIC 		eement dated)	
	New Crossing.	Sement dated	<u> </u>	
	buck and Disk.			
	ing Signals with Disk.			
d. Flash	ing Signals with Cantilever.			
e. XX Flash	ing Signals with Gates.			
fFlash	ing Signals with Cantilever and G	ates.		
2. PROPOSED DEV	ICES: (Safety In	dex Rating 60.28)	
a. No re	vision required.	.		·
	buck and Disk.		•	
c. Flash	ing Signals and Disk.		•	
d. Flash	ng Signals with Cantilever.		· ·	•
e. XX Flash	ng Signals with Gates.			
f. Flash	ing Signals with Cantilever and G	ates.		
g Reloc	ate existing signal devices:			
(1)	(With-Without) addition of	Gates.		•
(2)	(With-Without) synchroniza	ation with highway tra	ffic signals.	· .
(3)	(With-Without) constant wa	arning time.		
. COMMUNICATION A	ND/OR POWER LINE ADJUSTM	IENTS		
1. N/A By Other	s (C	ompany.)
2. <u>N/A</u> By Railro		1999 - 1		ompany.y
AUTHORITY REQU	STED		Draft attached: O Yes	• No.)
	nt (Third Party Participating Pal)
	ental Agreement No.	in Beach County, F	L.,	/
3. Crossing				
	for Change Order No.			
5. Letter of				
, 	Confirmation (No Cost to Departm	nent).		
		····/·		
OTHER REMARKS:				

Negotiations to be completed by: Signal installation target date: Synchronization: (Draft attached O Yes

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

725-090-41 RAIL OGC - 01/06

FINANCIAL PROJECT.NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/V	NUMBER	FAP NUMBER
42047515701	SE 23rd Avenue	PALM BEACH			00S4-044-J
<u> </u>					
OMPANY NAME: F	Florida East Coast Railway, L.L	C.			
. FDOT/AAR XING NO.:	272485-X	RR	MILE POST TIE	: 313+848	
8. TYPE SIGNALS PROP	OSED III	CLASS	<u>III</u> P	OT INDEX:	17882
	SCHEDULE OF ANN HIGHWAY GRADE CROSS	UAL COST OF AU ING TRAFFIC COM	TOMATIC	S	
	Annual Maintenance	Cost Exclusive of I	nstallation		• •
CLASS	DESCRIPTION			COST*	
I .	Flashing Signals - One Tra	ack		\$2,086.00	
11	Flashing Signals - Multiple	Tracks		\$2,760.00	
111	Flashing Signals and Gate	es - One Track		\$3,146.00	
IV .	Flashing Signals and Gate	es - Multiple Tracks		\$3,950.00	•
AUTHORITY:	FLORIDA ADMINISTRATIVI Public Railroad-Highway Gra				
EFFECTIVE DA	ATE: July 22	2, 1982			
GENERAL AUT					
SPECIFIC LAW	IMPLEMENTED: 335.14	1, F.S.			

*This schedule will become effective July 1, 2006 and will be reviewed every 5 years and revised as appropriate based on the Consumer Price Index for all Urban Consumers published by the U.S. Department of Labor.

7/13/200:	FLORIDA DEPARTMENT OF TRANSPORTATION Page 1 of 1
PROJECT NO	DIAGNOSTIC FIELD REVIEW SHEET RAIL-HIGHWAY GRADE CROSSING DATA SHEET F.M. NO
CROSSING NO.: 272485X PRIORITY NO.: 422	COUNTY: PALM BEACH CITY: BOYNTON BEACH RDWY: SE 23RD AVE
CLASSIFICATION/LOCATION: DATE LAST UPDATED: 08/13/2002	
R. R. CO.: FEC R. R. BRANCH: MAIN	STATION: BOCA RATON R. R. MILEPOST: 0.00
R. R. CROSSING STATUS: OPEN-TRACK ACT AS OF 10/10/2002	LATITUDE: 26.51 LONGITUDE: 80.06
RAIL OPERATIONS: DATE LAST UPDATED: 02/02/2000	
TRAIN MOVEMENTS: 22 MAXIMUM TRAIN SPEED: 45	EFFECTIVE: 02/02/2000 NO. OF MAIN TRACKS: 1 OTHER TRACKS: 0
WARNING DEVICES: DATE LAST UPDATED:	
EXISTING WARNING: FL&G TYPE OF TRAIN DETECTION:	OTHER PREEMPTION: ADVANCE WARNING: Y
PHYSICAL DATA: DATE LAST UPDATED: 08/13/2002	
R. R. CROSSING ANGLE: 60-90 DEG NO. OF THRU LANES	2 OTHER LANES: 0 HIGHWAY SPEED: 30
CROSSING CONDITION: EXCELLENT APPROACH CO	NDITION: NONE MAINTAINING AGENCY: CITY
DEPARTMENT DATA: DATE LAST UPDATED: 10/10/2002	
TRAFFIC VOL. (ADT): 9,087 AS OF 2001	SCHOOL BUS COUNT: 6 AS OF 2005 PERCENT TRUCKS: 0.00
SAFETY DATA: DATE LAST UPDATED: 05/27/2005	
PRED. ACCID./YEAR: 0.05 SAFETY INDEX: 60.28	SAFETY INDEX UPDATE: 05/27/2005 RECOMMENDED WARNING DEVICE: FL & G
DESCRIPTION OF SITE / INSTALLATION CONFLICTS: Old Xing,	
REVIEW TEAM RECOMMENDATION: Reg & Case, New FL	A & & Gates, Fileth Cassing, Mile New
	TA
	DATE REVIEWEDBY
REVIEW TEAM PERSONNEL:	·

.:

		08/08/06
FEC	FILE: TYPE:	10.2
	CLASS:	
	NO. OF DAYS:	
FLORIDA EAST COAST RAILWAY		
OFFICE OF THE GENERAL MANAGER	AAR / DOT #:	
OF SIGNALS AND COMMUNICATIONS	MILE POST:	313+848'
	Project Type:	FDOT

ESTIMATED COST FOR HIGHWAY CROSSING WARNING DEVICES AT S.E. 23rd AVENUE.

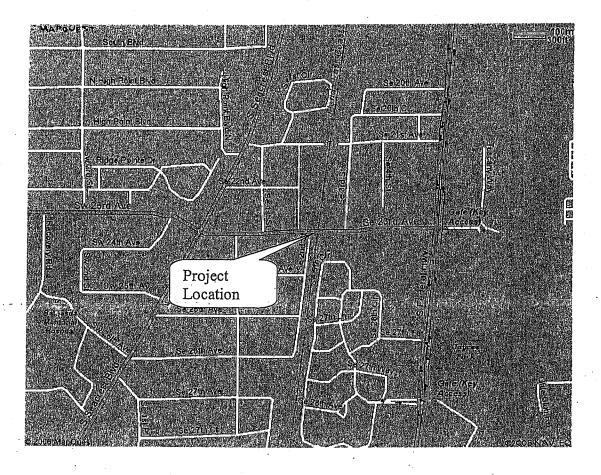
This estimate should be considered void after one (1) year.

• • • • • • • • • • • • • • • • • • •			
MATERIAL	UNIT COST	UNITS	TOTAL COST
GATE ASSEMBLIES	\$7,479.00	2 EA.	\$14,958.00
GATES	\$500.00	2 EA.	\$1,000.00
GATE FOUNDATIONS	\$575.00	2 EA.	\$1,150.00
6' X 8' WIRED CASE, WITH HXP-3R2	\$76,760.00	1 EA.	\$76,760.00
BATTERY BOX	\$675.00	1 EA.	\$675.00
BATTERIES, SAFT SPL250	\$215.00	20 EA.	\$4,300.00
MISC. GROUND MATERIAL	\$1,681.57	1 PKG.	\$1,681.57
CONDUIT & DIRECTIONAL BORE	\$45.00	35 FT.	\$1,575.00
CABLE	\$4,000.00	1 PKG.	\$4,000.00
MISCELLANEOUS RELAY EQUIPMENT	\$1,120.00	1 PKG.	\$1,120.00
POWER SERVICE	\$1,800.00	1 EA.	\$1,800.00
MONITORING EQUIPMENT	\$12,985.00	1 PKG.	\$12,985.00
SANITATION & DISPOSAL	\$1,500.00	1 PKG.	\$1,500.00
FREIGHT & HANDLING	1		\$30,501.00
TAX 0 6.5%			\$7,930.00
TOTAL MATERIALS			\$161,935.57
			· .
EXCAVATING EQUIPMENT PER DAY	\$181.00	6 DAYS	\$1,086.00
EQUIPMENT RENTAL PER DAY	\$125.00	6 DAYS	\$750.00
FOREMAN'S TRUCK PER DAY	\$35.00	6 DAYS	\$210.00
GANG TRUCK PER DAY	\$63.00	6 DAYS	\$378.00
SUPERVISORS TRUCK PER DAY	\$35.00	6 DAYS	\$210.00
EQUIPMENT TOTAL			\$2,634.00
			•
ENGINEERING	\$7,500.00	· <u>1</u>	\$7,500.00
ENGINEERING TOTAL			\$7,500.00
CONSTRUCTION SUPERVISION	\$312.00	6 DAYS	\$1,872.00
LABOR ADDITIVE	,		\$1,043.00
SUPERVISION TOTAL			\$2,915.00
LABOR PER DAY	\$1,188.90		\$7,133.00
NUMBER OF DAYS	- +2,200,00		<i></i>
LABOR ADDITIVE			\$4,163.00
TOTAL LABOR	•		\$11,296.00
			· · · ·
GANG EXPENSES PER DAY	\$553.00		
NUMBER OF DAYS	6		
TOTAL GANG EXPENSES			\$3,318.00
SUB-TOTAL			\$189,598.57
CONTINGENCIES 5%			\$9,480.00

TOTAL

NEW

\$199,080.00



LOCATION MAP

FEC Railway, LLC

LOCATION: FINANCIAL PROJECT NO.: CROSSING NO.: RAILROAD MILEPOST: SE 23rd Avenue 420475-1-57-01 272485X 313+848`

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

OFFICE OF MODAL DEVELOPMENT DISTRICT 4 RAIL OFFICE

PROJECT SCOPE AND COST ESTIMATE

PROJECT INFORMATION

Financial Project No.: FAP No.: Location: County: Crossing No.: RR MP: Company:

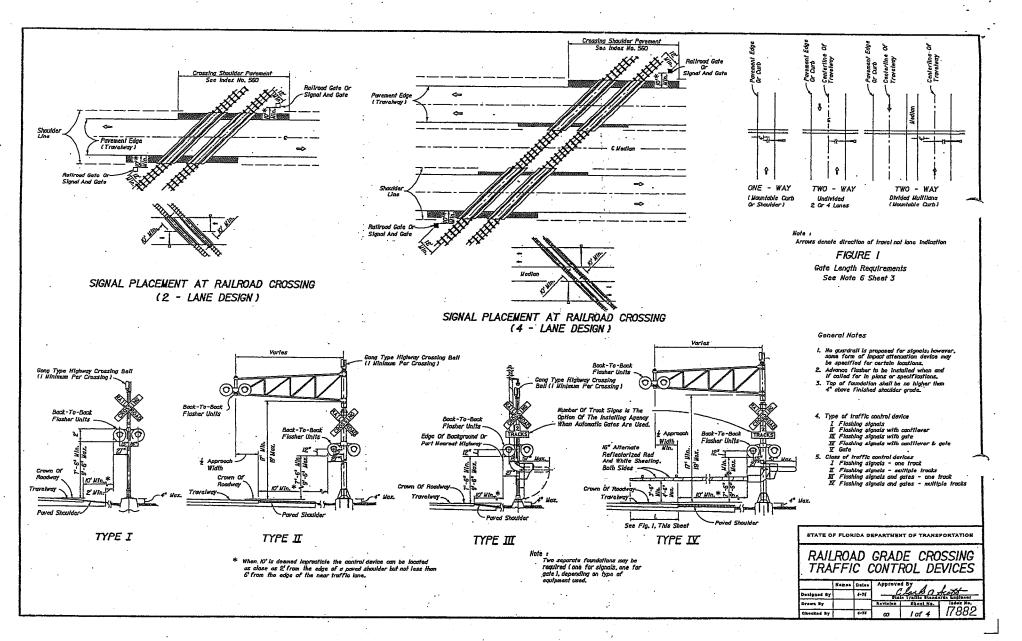
420475-1-57-01 00S4-044-J SE 23rd Avenue Palm Beach 272485X 313+848' Florida East Coast Railway, L.L.C.

This project scope and cost estimate was prepared by: District Aviation & Rail Coordinator

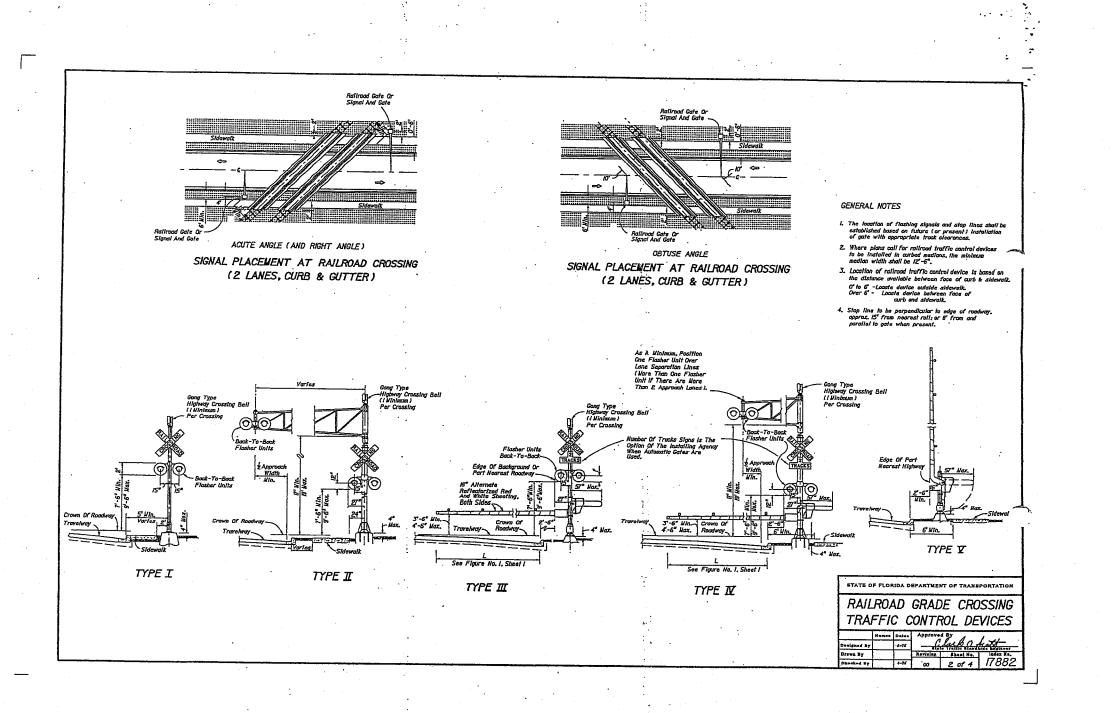
PROJECT SCOPE AND COST ESTIMATE

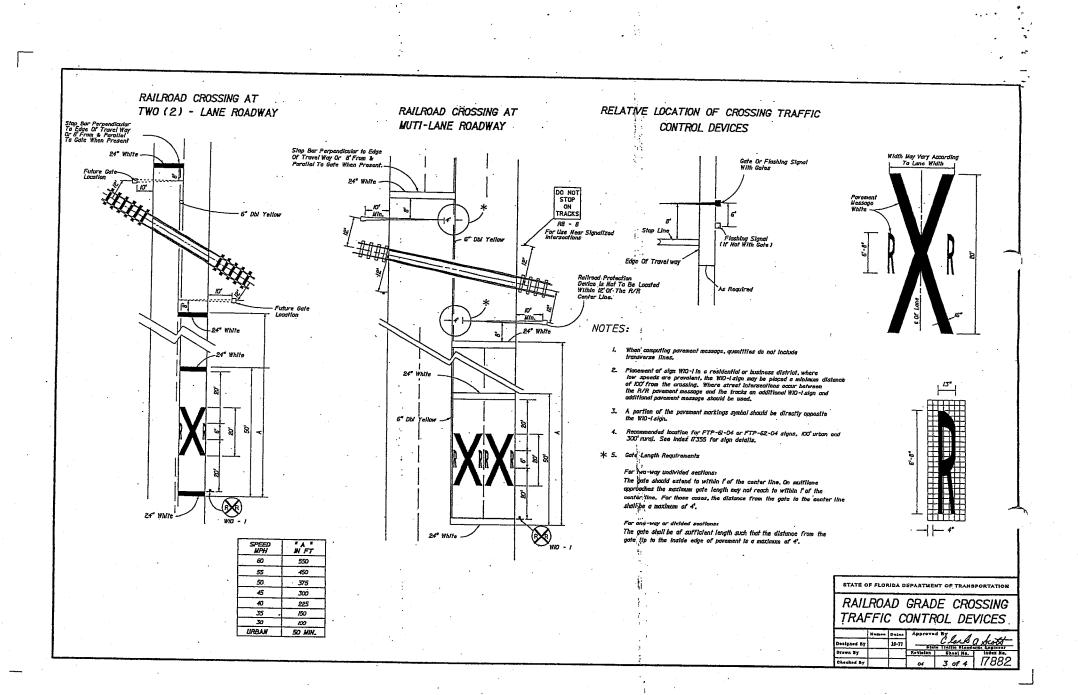
FL&G, CWT and Event Recorder \$199,080.00

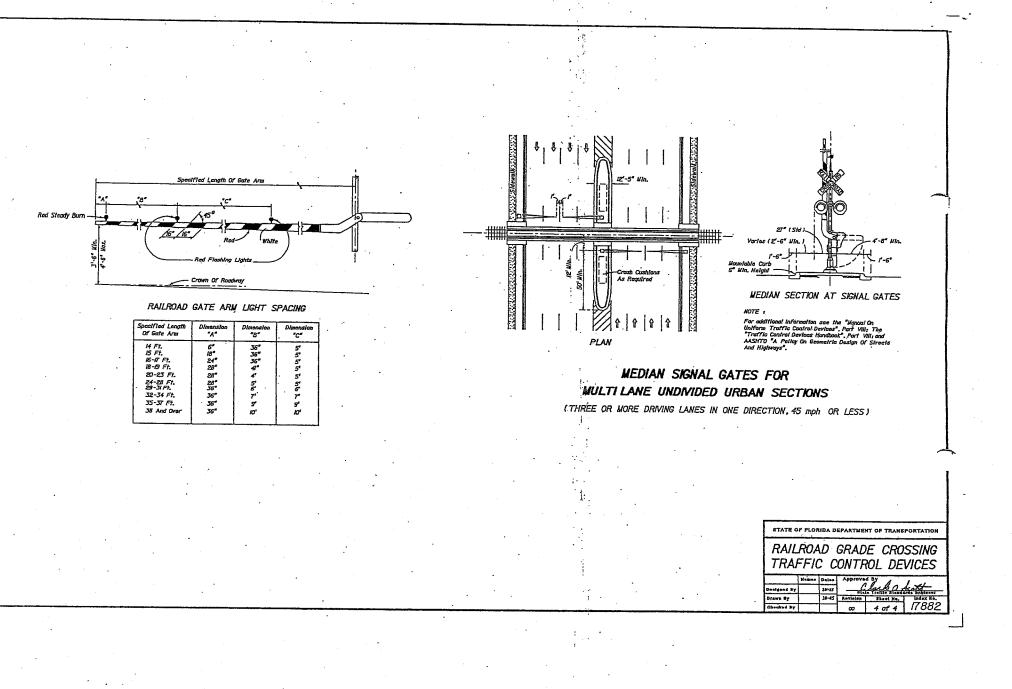
TOTAL ESTIMATED COSTS...... \$199,080.00

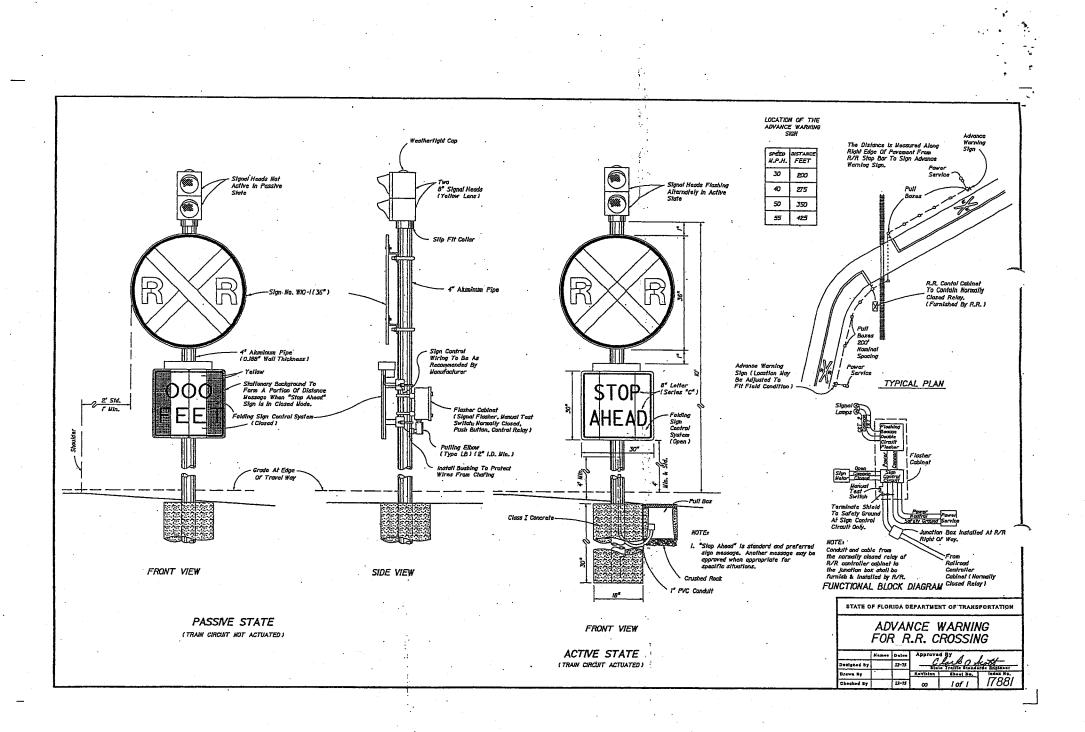


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