

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
RAILROAD REIMBURSEMENT AGREEMENT  
GRADE CROSSING TRAFFIC CONTROL DEVICES - COUNTY

725-090-27  
RAIL  
OGC - 04/12

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & RW NUMBER	FAP NUMBER
43309115701	OAK HILL ROAD	NASSAU	1(74000-SIGW)	RHP-00S2-050J

THIS AGREEMENT, made and entered into this 13<sup>th</sup> day of May, 2013,  
 by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the  
 DEPARTMENT, and GEORGIA SOUTHERN AND FLORIDA RAILWAY,  
 a corporation organized and existing under the laws of GEORGIA,  
 with its principal place of business in the City of ATLANTA, County of FULTON,  
 State of GEORGIA, hereinafter called the COMPANY; and NASSAU  
 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 ID 43309115701,  
 on OAK HILL ROAD, which crosses at grade the right of way and  
 tracks of the COMPANY'S Milepost 236.4 - G,  
 FDOT/AAR Crossing Number 713540R, at or near CALLAHAN, FL,  
 as shown on DEPARTMENT'S Plan Sheet No. 1, attached hereto as a part hereof; and

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

1. 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 shared as provided under Paragraph 2. above.

4. Unless otherwise agreed upon herein, the COUNTY agrees to ensure 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.
- (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 \$ 160,000.00 . 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:

- (a) Actual and related indirect costs accumulated in accordance with a work order accounting procedure prescribed by the applicable Federal or State regulatory body.
- (b) 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 \$ \_\_\_\_\_, 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 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 Agreement.
- (c) \$ \_\_\_\_\_ credited for  betterment  expired service life  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 Highway 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) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.

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, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies 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 provided in s.287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

21. In accordance with Section 287.134(2)(a), Florida Statutes, the following provisions are included in this Agreement:

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies 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.

22. In accordance with Section 287.0582, Florida Statutes, the following provision is included in this Agreement:

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

23. 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.

24. COMPANY shall:

1. utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the COMPANY during the term of the contract; and
2. expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

25. It is understood and agreed by the parties to this Agreement that if any part, term, or provision of this Agreement is held illegal by the courts or in conflict with any law of the State of Florida, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.

26. Any questions or matters arising under this Agreement as to validity, construction, enforcement, performance, or otherwise, shall be determined in accordance with the laws of the State of Florida. Venue for any action arising out of or in any way related to this Agreement shall lie exclusively in a state court of appropriate jurisdiction in Leon County, Florida.

27. The parties agree to bear their own attorney's fees and costs with respect to this Agreement.

28. The parties agree that this Agreement is binding on the parties, their heirs-at-law, and their assigns and successors in interest as evidenced by their signatures and lawful executions below.

29. A modification or waiver of any of the provisions of this Agreement shall be effective only if made in writing and executed with the same formality as this Agreement.

30. The DEPARTMENT and COMPANY agree to share the cost of the work performed by the COMPANY on a percentage basis.

DEPARTMENT Share of Estimated Project Cost(80%) =	\$160,000.00
COMPANY Share of Estimated Project Cost(20%) =	\$ 40,000.00
<hr/>	
Total Estimated Project Cost =	\$200,000.00

31. This agreement will supersede and terminate the previous signal agreement dated June 13, 1994.

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: *Doug Green* 5/13/2013  
(TITLE: DISTRICT SECRETARY )

COMPANY: GEORGIA SOUTHERN AND FLORIDA RAILWAY

BY: *Scott J Reynolds*  
**General Manager**

NASSAU COUNTY, FLORIDA

BY: *David B. Payne*  
(TITLE: CHAIRMAN, COUNTY COMMISSIONERS )

Legal Review

BY: *J. Mow*  
Attorney - DOT Date 5/14/13

Approved as to Funds Available

BY: *See Attached Enc Dated 4/26/2013*  
Comptroller - DOT Date

Approved as to FAPG Requirements

BY: EXEMPT  
FHWA Date

Received  
FEB 27 2013  
Lake City  
Modal Development

MES  
04/09/13



COUNTY RESOLUTION  
GRADE CROSSING TRAFFIC CONTROL DEVICES AND FUTURE RESPONSIBILITY

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
43309115701	Oak Hill Road	NASSAU	1(74000-SIGW)	RHP-00S2-050J

A RESOLUTION AUTHORIZING EXECUTION OF A RAILROAD REIMBURSEMENT AGREEMENT FOR THE INSTALLATION OF GRADE CROSSING TRAFFIC CONTROL DEVICES, AND FUTURE MAINTENANCE AND ADJUSTMENT OF SAID DEVICES; PROVIDING FOR THE EXPENDITURE OF FUNDS; AND PROVIDING WHEN THIS RESOLUTION SHALL TAKE EFFECT.

RESOLUTION NO. 2013-60

ON MOTION OF Commissioner Walter Boatright,  
seconded by Commissioner Barry Holloway, the following  
RESOLUTION was adopted:

WHEREAS, the State of Florida Department of Transportation is constructing, reconstructing or otherwise changing a portion of the Public Road System, on Oak Hill Road, which shall call for the installation and maintenance of railroad grade crossing traffic control devices for railroad grade crossing over or near said highway; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY COMMISSION OF NASSAU COUNTY, FLORIDA;

That Nassau County enter into a RAILROAD REIMBURSEMENT AGREEMENT with the State of Florida Department of Transportation and the Georgia Southern and Florida Railway Company for the installation and maintenance of certain grade crossing traffic control devices designated as Financial Project Number 713540R on Oak Hill Road which crosses the right of way and tracks of the Company at FDOT/AAR Crossing No. 713540R located near Callahan, Florida; and

That the County assume it's share of the costs for future maintenance and adjustment of said grade crossing traffic control devices as designated in the RAILROAD REIMBURSEMENT AGREEMENT; and

That the Chairman and Clerk of the Board of Commissioners be authorized to enter into such agreements with the State of Florida Department of Transportation and the Georgia Southern and Florida Railway Company as herein described; and

That this RESOLUTION shall take effect immediately upon adoption.

INTRODUCED AND PASSED by the Board of County Commissioners of Nassau County, Florida, in regular session this 8th day of April, 2013.

  
Chairman of the Board of County Commissioners

ATTEST:   
Clerk of the Board of County Commissioners

(SEAL)

A CERTIFIED TRUE COPY  
John A. Crawford, Ex-officio Clerk  
By: Brenda K. Simons, S.C.  
EX-OFFICIO, Clerk of the Board of County Comm.  
Nassau County, Florida

MES  
04.09.13

**Whitney, Donna**

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**From:** The job FI989MMR  
**Sent:** Friday, April 26, 2013 12:03 PM  
**To:** Whitney, Donna  
**Subject:** FUNDS APPROVAL/REVIEWED FOR CONTRACT AQZ21

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
FUNDS APPROVAL

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Contract #AQZ21 Contract Type: Method of Procurement:  
Vendor Name: NORFOLK SOUTHERN  
Vendor ID: VF536001292010  
Beginning date of this Agmt: 04/30/13  
Ending date of this Agmt: 03/31/16

\*\*\*\*\*  
ORG-CODE \*EO \*OBJECT \*AMOUNT \*FIN PROJECT \*FCT \*CFDA  
(FISCAL YEAR) \*BUDGET ENTITY \*CATEGORY/CAT YEAR  
AMENDMENT ID \*SEQ. \*USER ASSIGNED ID \*ENC LINE(6S)/STATUS  
\*\*\*\*\*

Action: LOA Funds have been: APPROVED

55 022020227 \*PT \*563014 \* 160000.00 \*43309115701 \*127 \*  
2013 \*55100100 \*088808/13  
W001 \*00 \* AGR1 \*0001/04

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TOTAL AMOUNT: \*\$ 160,000.00 \*  
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FUNDS APPROVED/REVIEWED FOR ROBIN M. NAITOVE, CPA, COMPTROLLER  
DATE: 04/26/2013

Please provide us your feedback on the Contract Funds Management System.  
A survey is available at the following link:  
<http://cosharepoint.dot.state.fl.us/sites/OOC/FMO/CFM/default.aspx>  
under the Surveys tab.

Thank you in advance for your time!

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES**  
**ANNUAL MAINTENANCE COSTS**

725-090-41  
RAIL  
OGC - 03/12

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
43309115701	OAK HILL ROAD	NASSAU	1(74000-SIGW)	RHP-00S2-050J

COMPANY NAME: GEORGIA SOUTHERN AND FLORIDA RAILWAY

A. FDOT/AAR XING NO.: 713540R RR MILE POST TIE: 236.4 - G

B. TYPE SIGNALS PROPOSED III CLASS III DOT INDEX: 17882

**SCHEDULE OF ANNUAL COST OF AUTOMATIC  
HIGHWAY GRADE CROSSING TRAFFIC CONTROL DEVICES**

Annual Maintenance Cost Exclusive of Installation

<u>CLASS</u>	<u>DESCRIPTION</u>	<u>COST*</u>
I	Flashing Signals - One Track	\$2,256.00
II	Flashing Signals - Multiple Tracks	\$2,985.00
III	Flashing Signals and Gates - One Track	\$3,402.00
IV	Flashing Signals and Gates - Multiple Tracks	\$4,272.00
V	3 or 4 Quadrant Flashing Signals and Gates - One Track	\$6,726.00
VI	3 or 4 Quadrant Flashing Signals and Gates - Multiple Tracks	\$8,442.00

AUTHORITY: FLORIDA ADMINISTRATIVE RULE 14-57.011  
Public Railroad-Highway Grade Crossing Costs

EFFECTIVE DATE: July 22, 1982

GENERAL AUTHORITY: 334.044, F.S.

SPECIFIC LAW IMPLEMENTED: 335.141, F.S.

\*This schedule will become effective July 1, 2011 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.

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 & RW NUMBER	FAP NUMBER
43309115701	OAK HILL ROAD	NASSAU	1(74000-SIGW)	RHP-00S2-050J

RAILROAD COMPANY

GEORGIA SOUTHERN AND FLORIDA RAILWAY

- A. JOB DESCRIPTION & LOCATION: New flashing lights & gates - Oak Hill Rd/near Callahan
- B. TYPE OF ROADWAY FACILITY: TWO LANES UNDIVIDED
- C. FDOT/AAR XING NO.: 713540R RR MILE POST TIE: 236.4 - G
- D. TYPE CROSSING PROPOSED: III CLASS: III DOT INDEX NO.: 17882
- E. STATUS AND PROPOSAL:

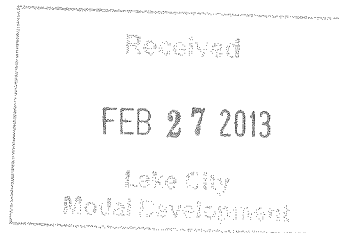
1. EXISTING DEVICES: (See Agreement dated 6/13/1994 )
- a.  None-New Crossing.
  - b.  Crossbuck and Disk.
  - c.  XX Flashing Signals with Disk.
  - d.  Flashing Signals with Cantilever.
  - e.  Flashing Signals with Gates.
  - f.  Flashing Signals with Cantilever and Gates.

2. PROPOSED DEVICES: (Safety Index Rating \_\_\_\_\_ )
- a.  No revision required.
  - b.  Crossbuck and Disk.
  - c.  Flashing Signals and Disk.
  - d.  Flashing Signals with Cantilever.
  - e.  XX Flashing Signals with Gates.
  - f.  Flashing Signals with Cantilever and Gates.
  - g.  Relocate existing signal devices:
    - (1)  (With-Without) addition of Gates.
    - (2)  (With-Without) synchronization with highway traffic signals.
    - (3)  (With-Without) constant warning time.

- F. COMMUNICATION AND/OR POWER LINE ADJUSTMENTS
- 1. N/A By Others ( \_\_\_\_\_ Company.)
  - 2.  By Railroad Company.

- G. AUTHORITY REQUESTED: (Draft attached:  Yes  No.)
- 1.  XX Agreement (Third Party Participating NASSAU COUNTY )
  - 2.  Supplemental Agreement No. \_\_\_\_\_
  - 3.  Crossing Permit.
  - 4.  Estimate for Change Order No. \_\_\_\_\_
  - 5.  Letter of Authority.
  - 6.  Letter of Confirmation (No Cost to Department).

H. OTHER REMARKS:



Negotiations to be completed by: APRIL 2013

Signal installation target date: \_\_\_\_\_

Synchronization: (Draft attached  Yes  No.)

11/20/2012

Florida Department of Transportation  
 Federal Authorization Management System  
**Notice of Approved Authorization**  
 from Federal Highway Administration  
 to Participate in Project Costs Incurred  
 After the Effective Date of Authorization Noted Below

Federal Aid Project Number: **00S2 050**

State Project Number: **431463-1 57 01**

This Notice of Approved Authorization is issued with the stipulation that the Florida Department of Transportation agrees to comply with the applicable terms and conditions set forth in (1) Title 23, U.S. Code, Highways, (2) The regulations issued pursuant thereto and (3) the policies and procedures promulgated by the Federal Highway Administration relative to the above designates project. The Florida Department of Transportation also agrees to comply with the applicable provisions set forth in CFR Part 630, Subpart C.

Project Location: **FELMOR RD NEAR PAGES DAIRY IN YULEE INST FLASH ING  
 LGTS&GATESXING620801E;RAIL SAFETY PROJECT;CONSTRUCTION**

Character of proposed work: **Administration**

Classification of phase of work to be put under agreement Highway planning & Research Preliminary Engineering Right-of-Way XConstruction Other	<u>Effective date of authorization</u>          <b>11/14/2012</b>
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Dist.	Appr.	Urban/ With	Total Cost	Federal Share	Federal Funds Under Agreement	Advance Construction
02	MS40		1,728,864.00	100.0%	1,656,000.00	0.00
02	MS50		772,560.00	100.0%	740,000.00	0.00

Department of Transportation

Available funds certified by: <b>BARBARA BORER</b>	Date: <b>11/07/2012</b>
Approval recommended by: <b>LISA DUNCAN</b>	Date: <b>11/07/2012</b>
Approved and Authorized by: <b>RICHARD LUTEN</b>	Date: <b>11/07/2012</b>

Federal Highway Administration

Approval Recommended By: <b>BELINDA A. HEYS</b>	Date: <b>11/14/2012</b>
Approved and Authorized By: <b>FELIX H. DELGADO</b>	Date: <b>11/20/2012</b>
Agreement Approved By: <b>FELIX H. DELGADO</b>	Date: <b>11/20/2012</b>

State Remarks:

**INITIAL AUTHORIZATION FOR THE RAIL/HIGHWAY GRADE CROSSING IMPROVEMENT PROGRAM IN DISTRICT 2. THIS AGREEMENT IS SUBJECT TO THE FOLLOWING AWARD TERMS:  
 HTTP://EDOCKET.ACCESS.GPO.GOV/2010/PDF/2010-22705.P  
 DF AND HTTP://EDOCKET.ACCESS.GPO.GOV/2010/PDF/2010-22706.PDF.**

Division Remarks

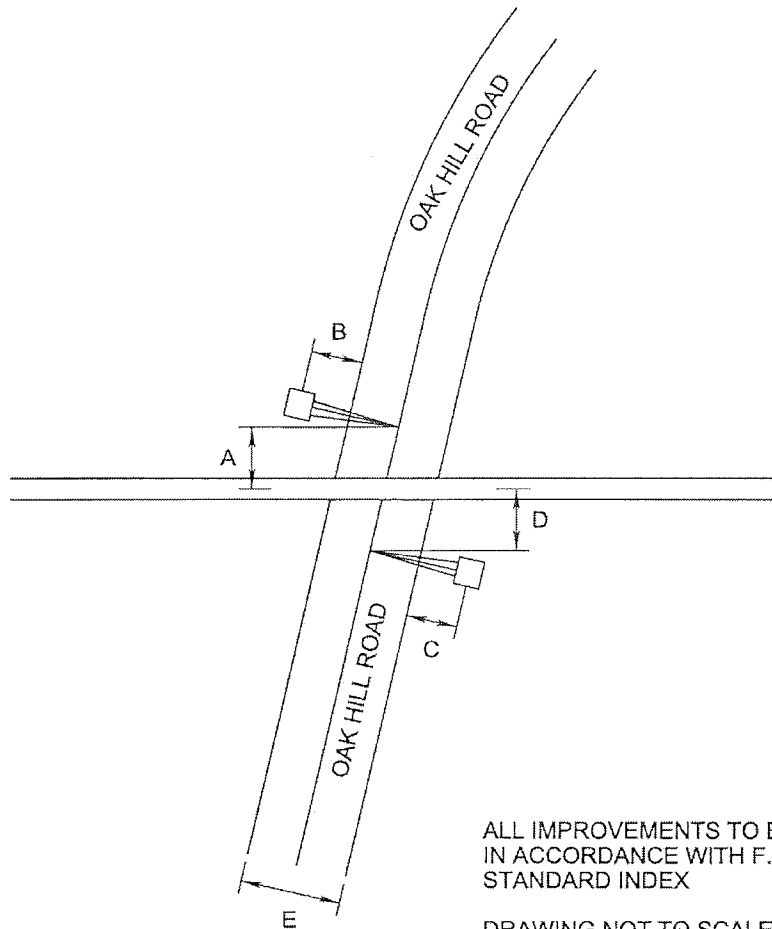
**Project locations: 1. Felmore Road, Yulee, 2.Old Dixie Highway, Callahan, 3.Oak Hill Road, Callahan, 4.County Road 121, Callahan, 5.State Road 2, Baxter, 6.County Road 127, Baxter, 7.Plummer Road, Jacksonville, 8.Garden Road, Jacksonville, 9.Kings Road, Jacksonville, 10.Market Street, Jacksonville, 11.Hubbard Street, Jacksonville, 12.Pearl Street, Jacksonville, 13.Boulevard Street, Jacksonville, 14.Larsen Road, Callahan, 16.CR 235A/NW 173rd Street, Alachua. Safety Improvements: Flashing lights and gates, train detectors, pedestrian gates, etc. Nov 20, 2012. FhD. 11/15/12: waiting on additional information. kmb**

This Notice of Authorization is not the official FHWA Approved Project Agreement for the project designated above. The official Project Agreement must be printed from FHWA's Fiscal Management Information System (FMIS). The District Federal Aid Coordinator may obtain the Project Agreement at <https://fhwaapps.fhwa.dot.gov/>.

A: 15'  
B: 12'3"  
C: 12'3"  
D: 15'  
E: 24'



FIN NO: 433091-1-57-01  
CALLAHAN, FLORIDA



ALL IMPROVEMENTS TO BE MADE  
IN ACCORDANCE WITH F.D.O.T.  
STANDARD INDEX

DRAWING NOT TO SCALE

EXISTING: FLASHING LIGHTS, ADVANCED WARNING  
SIGNS, AND PAVEMENT MARKINGS.

RECOMMENDATIONS: GEORGIA SOUTHERN  
AND FLORIDA RAILWAY COMPANY TO INSTALL  
TWO (2) NEW FLASHING LIGHTS AND GATES WITH  
LED'S, GPC 4000, CABINET, CABLE, AND METER  
POLE.

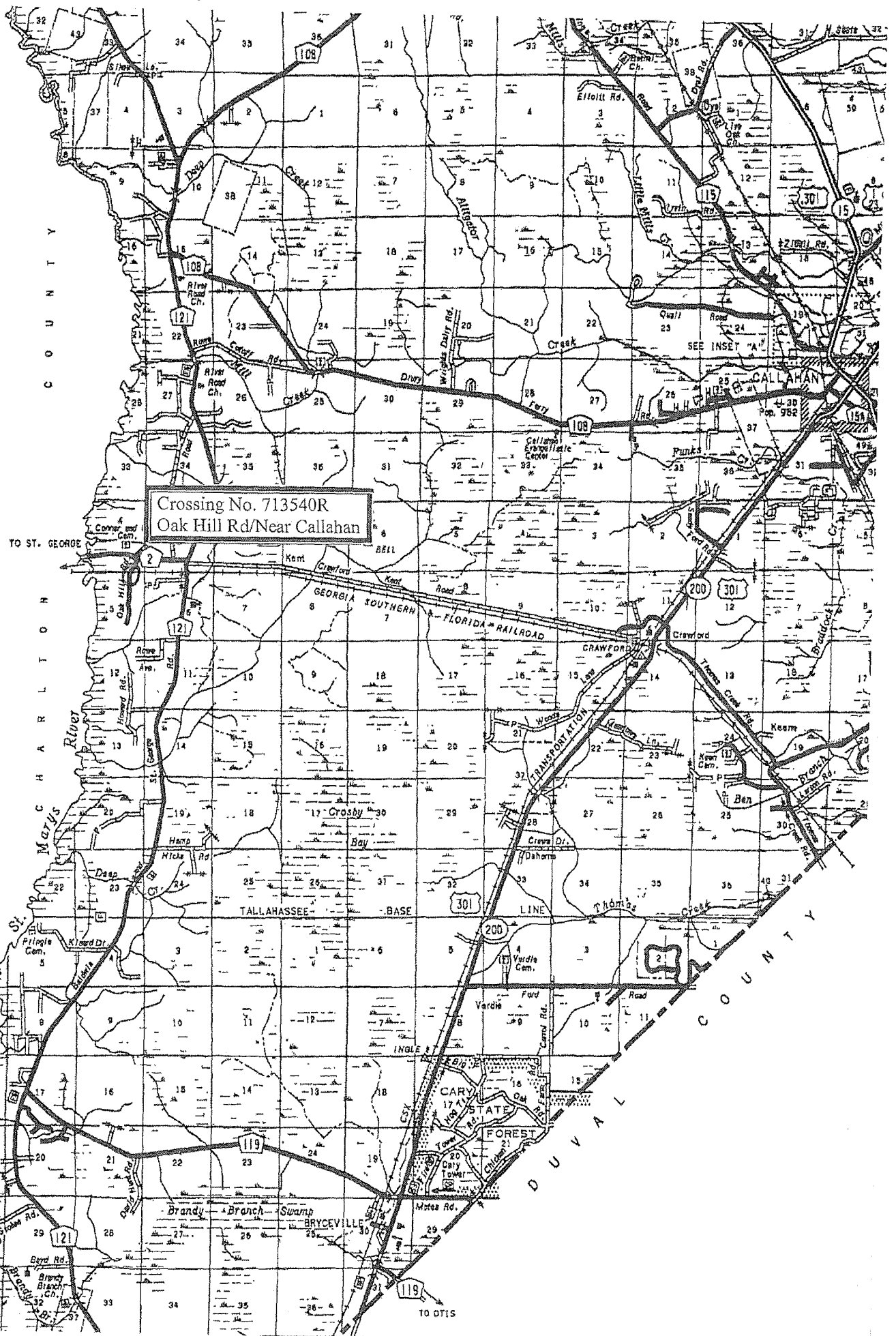
NASSAU COUNTY TO REFRESH SOUTHBOUND  
PAVEMENT MARKINGS.

FLORIDA DEPARTMENT OF TRANSPORTATION

CROSSING NO: 713540R  
COMPANY: GEORGIA SOUTHERN AND FLORIDA  
RAILWAY  
TYPE: III  
CLASS: III  
LOCATION: OAK HILL ROAD  
DATE: 5/26/2011

REVIEW TEAM: Karin Charron; Donna Whitney;  
Henry Parrish; Annette Lopkowski; Scott Allbritton;  
Rob Hepburn, Georgia Southern and Florida Railway;  
Gabriel Matthews, FDOT Consultant;  
Bill Barringer, Georgia Southern and Florida Railway

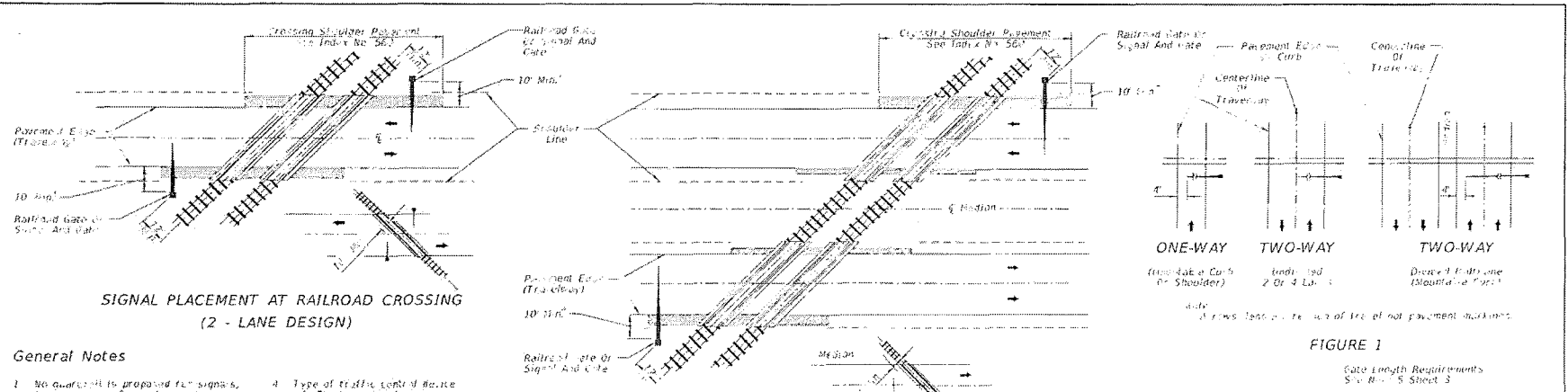
GEORGIA



Crossing No. 713540R  
Oak Hill Rd/Near Callahan

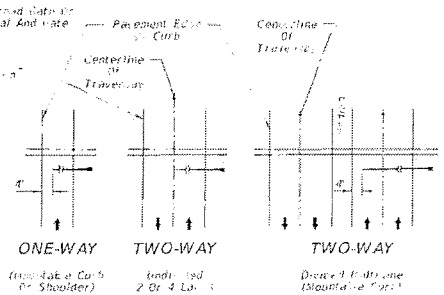
TO ST. GEORGE

TO OTIS



**SIGNAL PLACEMENT AT RAILROAD CROSSING (2 - LANE DESIGN)**

**SIGNAL PLACEMENT AT RAILROAD CROSSING (4 - LANE DESIGN)**



**FIGURE 1**

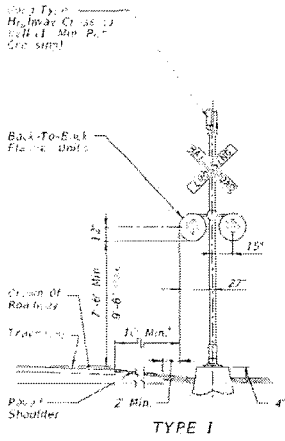
Gate Length Requirements  
See R-15 Sheet 3

**General Notes**

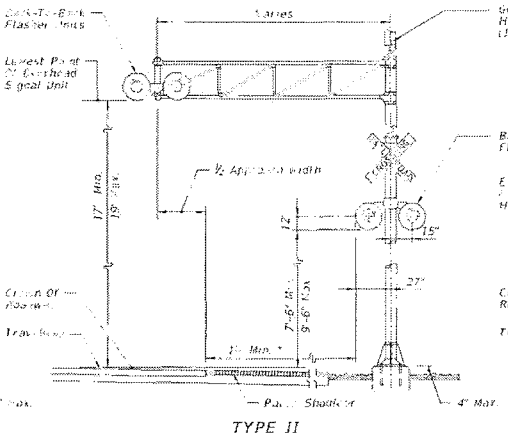
- No quarter mile proposed for signals, however, some form of impact attenuation device may be specified for certain locations.
- Advance flasher to be initiated when and if called for in plans or specifications.
- Type of foundation shall be no lighter than that shown for similar traffic.
- Type of traffic control device:
  - Flashing signals
  - Flashing signals with cantilever
  - Flashing signals with gate
  - Flashing signals in a cantilevered gate
  - Gate
- Class of traffic control devices:
  - Flashing signals-one track
  - Flashing signals-multiple tracks
  - Flashing signals and gates one track
  - Flashing signals and gates-multiple tracks

For separate foundations may be provided for the signals, the flashers, and the gate equipment units.

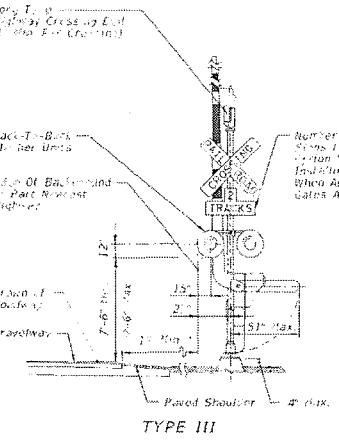
When 10' is deemed impractical the center line shall be located as close as 2' to 11' from the edge of a paved shoulder, but not less than 6' from the edge of the near traffic lane.



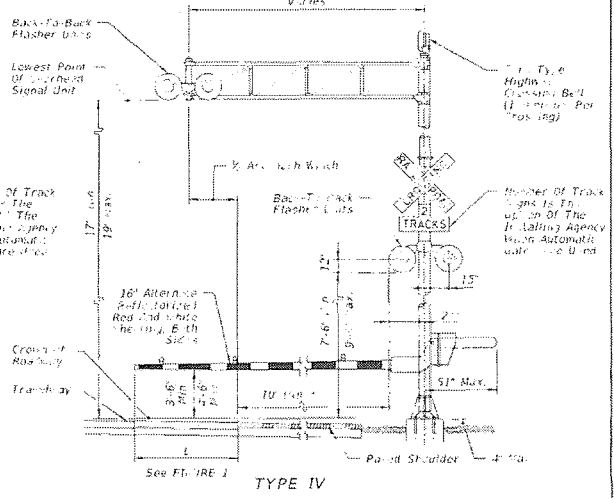
**TYPE I**



**TYPE II**

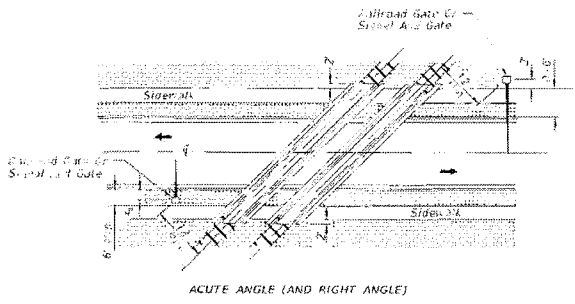


**TYPE III**

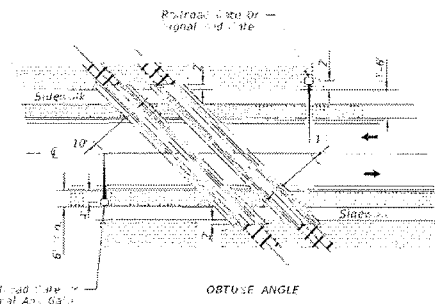


**TYPE IV**





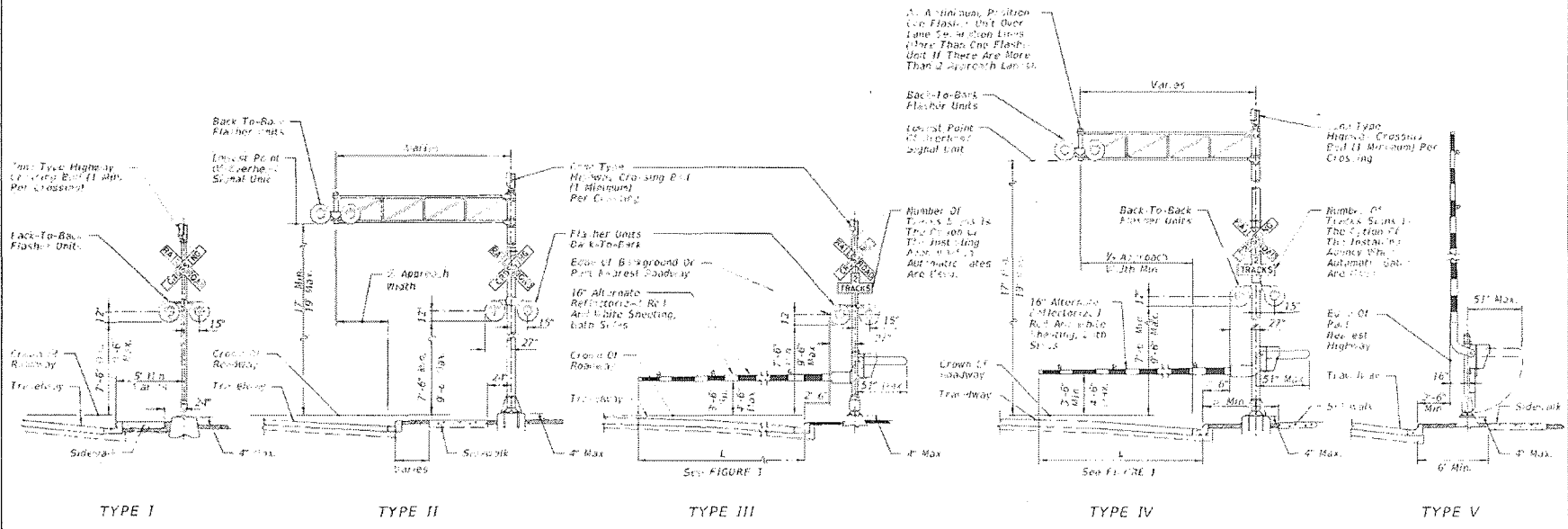
**SIGNAL PLACEMENT AT RAILROAD CROSSING  
(2 LANES, CURB & GUTTER)**



**SIGNAL PLACEMENT AT RAILROAD CROSSING  
(2 LANES, CURB & GUTTER)**

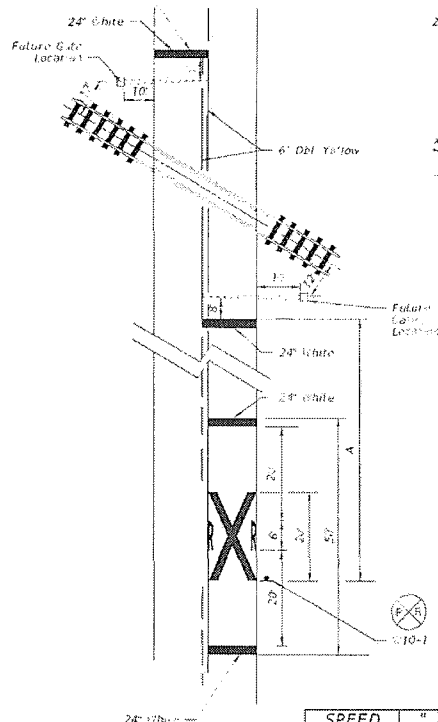
**GENERAL NOTES**

1. The location of flashing lights and stop bars shall be established based on either the existing installation of gate with appropriate track clearances.
2. Where signals are for future traffic control devices to be installed in curved tracks, the 2 degree median rule shall apply.
3. Location of future traffic control devices based on the 2 degree median rule shall be applied to the side of the road to locate device outside sidewalk, and 6' clearance between face of curb and sidewalk.
4. Stop bars to be perpendicular to axis of roadway, approx. 15' from near rail, or 5' from rail parallel to axis when present.
5. When a cantilevered sign flashing light is used, the bottom vertical clearance shall be 17' from axis of the crown of roadway to the lowest point of the overhead signal unit.



**RAILROAD CROSSING AT TWO (2)-LANE ROADWAY**

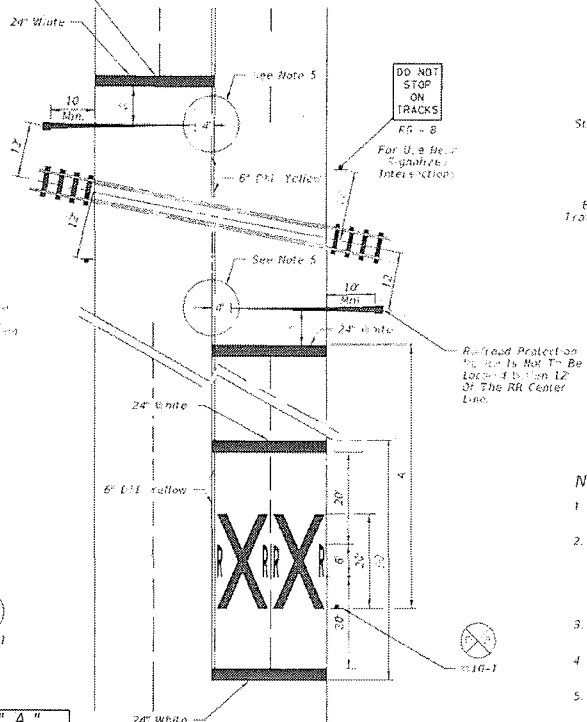
Stop Bar Perpendicular To Edge of Travel Way Or 2' From & Parallel To Edge of Travel Way When Present.



SPEED (mph)	"A" (ft)
60	400
55	325
50	250
45	175
40	125
35	100
UPRAN	75 MIN

**RAILROAD CROSSING AT MULTILANE ROADWAY**

Stop Bar Perpendicular To Edge of Travel Way Or 2' From & Parallel To Gate When Present.

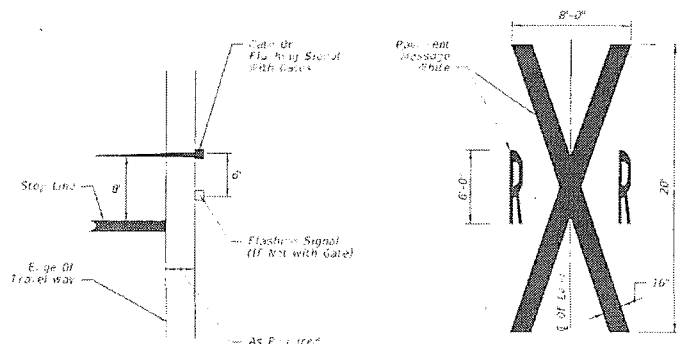


**DO NOT STOP ON TRACKS**  
FG - 8

For Use Near Signalized Intersections

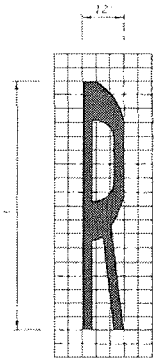
Railroad Protection Fence Is Not To Be Located Within 12' Of The RR Center Line.

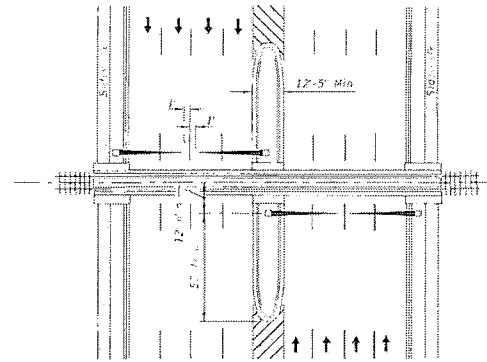
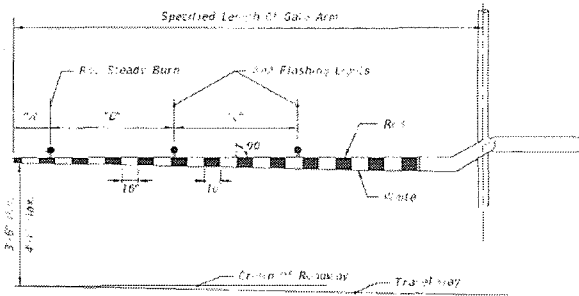
**RELATIVE LOCATION OF CROSSING TRAFFIC CONTROL DEVICES**



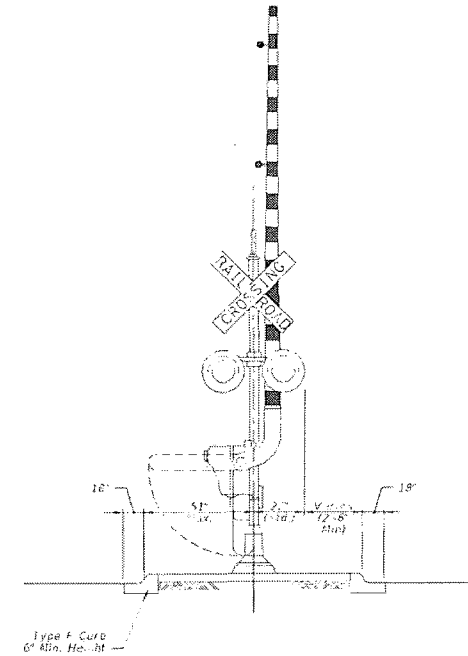
**NOTES:**

- When installing no-impact message signs, do not include traverse lines.
- Placement of 815 W10-1 in a residential or business district where stop signs are present, the W10-1 sign may be placed a minimum distance of 10' from the crossing. Where street intersections occur, both the W10-1 sign and message sign should be placed at a distance of 10-1 sign and additional pavement markings should be used.
- A portion of the pavement markings sign should directly coincide the W10-1 sign.
- Recommended location is: FTP 61.06 or FTP 62.06 Signs, 16' urban and 30' rural. See Index 17355 for sign detail.
- Gate Label Requirements:  
For two-way undivided sections:  
The sign shall extend to within 1' of the center line. On multiple approaches, the maximum gate length shall not reach to within 1' of the center line. For those cases, the distance from the gate to the center line shall be a maximum of 4'.  
For one-way or a divided section:  
The sign shall be of sufficient length such that the distance from the gate to the inside edge of the pavement is a maximum of 4'.





PLAN



MEDIAN SECTION AT SIGNAL GATES

RAILROAD GATE ARM LIGHT SPACING

Specified Length Of Gate Arm	Dimension "A"	Dimension "B"	Dimension "C"
14 Ft.	6"	36"	5"
15 Ft.	12"	36"	5"
16-17 Ft.	24"	36"	5"
18-19 Ft.	25"	41"	5"
20-23 Ft.	25"	4"	5"
24-28 Ft.	25"	5"	5"
29-31 Ft.	25"	5"	6"
32-34 Ft.	25"	7"	7"
35-37 Ft.	25"	9"	7"
38 or 4 Ft. or more	25"	10"	10"

NOTE:  
For additional information see the "Manual on Uniform Traffic Control Devices", Part 6, the "Traffic Control Handbook", Part VIII, and AASHTO "A Policy on Geometric Design of Streets and Highways".

MEDIAN SIGNAL GATES FOR  
MULTILANE UNDIVIDED URBAN SECTIONS  
(THREE OR MORE DRIVING LANES IN ONE DIRECTION, 45 MPH OR LESS)

LAST REVISION	DESCRIPTION
01/01/12	



FDOT DESIGN STANDARDS  
FY 2012/2013

RAILROAD GRADE CROSSING  
TRAFFIC CONTROL DEVICES

INDEX NO.	SHEET NO.
17882	4