



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

Post Office Box 1089  
M.S. 2018  
Lake City, Florida 32056-1089  
February 12, 2001

THOMAS F. BARRY, JR.  
SECRETARY

Mr. Doug C. Halpin  
Principal Engineer Public Improvements  
Engineering Department, J-350  
CSX Transportation, Inc.  
4901 Belfort Road, Suite 310  
Jacksonville, Florida 32256

Project ID No. 212566-2-57-01  
Road Name - Braddock Road, FAP No. SP-000S(486J)  
Nassau County, Parcel 1(SIG-P)  
Crossing No. 620739-W, RRMP: A 620.35

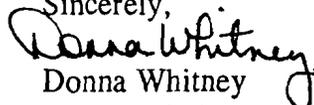
01 FEB 15 2001 15  
01 FEB 15 2001 15

Dear Mr. Halpin:

We are enclosing one (1) fully executed agreement dated February 5, 2001, involving your company and covering the installation of flashing lights and gates at the above referenced location estimated at \$158,900.00.

The enclosed documents have been approved by the Department and you may consider this notice as your authorization to proceed with the work under the direction of this District. It is necessary that you notify our office prior to the performance of any work by Railroad forces at this location.

The work under this contract shall be performed in accordance with the provisions of the Federal Highway Administration's Federal Aid Policy Guide Subchapter B, Part 140, Subpart I. Should additional information or meeting with Department representatives be needed, please contact my office at (904) 961-7168.

Sincerely,  
  
Donna Whitney  
Rail Specialist

\DW

Attachment

cc: Derrick Jenkins, PE, Administrator, Rail Operations  
Lillian G. Porter, District Railroad Coordinator  
George Richards, District Construction Railroad Coordinator, L.C. Construction  
Linda Green, District Financial Administrator  
Marianne Marshall, Chairman, Nassau County Board of County Commissioners

**COUNTY RESOLUTION**  
**GRADE CROSSING TRAFFIC CONTROL DEVICES AND FUTURE RESPONSIBILITY**

FINANCIAL PROJECT ID	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & RW NUMBER	FAP NUMBER
21256625701	Braddock Road	NASSAU	1 (SIG-P)	SP-000S486J

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. 2000-142

Pursuant to a motion by Commissioner Marshall

seconded by Commissioner Commissioner Cooper, the following  
RESOLUTION was adopted:

WHEREAS, the State of Florida Department of Transportation is constructing, reconstructing or otherwise  
on Braddock 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

OF Nassau COUNTY,  
FLORIDA;

That Nassau County enter into a RAILROAD REIMBURSEMENT AGREEMENT  
with the State of Florida Department of Transportation and the CSX Transportation, Inc.  
Company for the installation and maintenance of certain grade crossing traffic control devices designated as Financial Project  
Number 21256625701 on BRADDOCK ROAD which crosses the right of way and tracks of  
the Company at FDOT/AAR Crossing No. 620739W 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

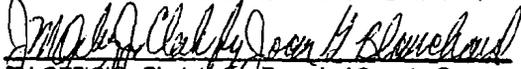
That the Chairman and Clerk of the Board of County Commissioners be authorized to enter into such agreements  
with the State of Florida Department of Transportation and the CSX Transportation, Inc.  
Company as herein described; and

That this RESOLUTION shall take effect immediately upon adoption.

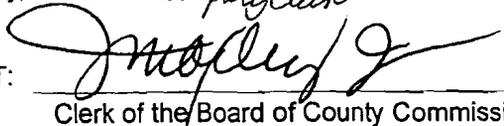
INTRODUCED AND PASSED by the Board of County Commissioners of Nassau

County, Florida, in regular session this 11th day of September, 2000.

**A CERTIFIED TRUE COPY**

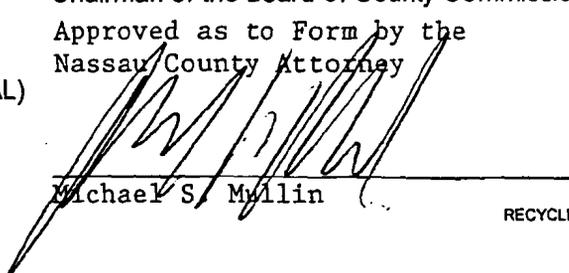
  
EX-OFFICIO, Clerk to the Board of County Comm.  
Nassau County, Florida *Deputy Clerk*

ATTEST:

  
Clerk of the Board of County Commissioners

(SEAL)

  
Chairman of the Board of County Commissioners  
Approved as to Form by the  
Nassau County Attorney

  
Michael S. Mylin



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

FINANCIAL PROJECT ID	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & RW NUMBER	FAP NUMBER
21256625701	Braddock Road	Nassau	1 (SIG-P)	SP000S486J

THIS AGREEMENT, made and entered into this 5<sup>th</sup> day of February, 2001,  
by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the  
DEPARTMENT, and CSX TRANSPORTATION, INC., a corporation of ~~CSX Transportation, Inc.~~ VIRGINIA,  
with its principal place of business in the City of Jacksonville,  
County of Duval, State of FLORIDA,  
hereinafter called the COMPANY; and Nassau  
a political subdivision of the State of Florida, hereinafter called the COUNTY.

WITNESSETH:

WHEREAS, the DEPARTMENT is constructing, reconstructing or otherwise changing a portion of the Public  
Road  
System, designated by the DEPARTMENT as Financial Project Number 21256625701,  
on Braddock Road, which crosses at grade the right of way and  
tracks of the COMPANY'S Milepost A 620.35,  
FDOT/AAR Crossing Number 620739W, at or near Callahan,  
as shown on DEPARTMENT'S Plan Sheet 1, attached hereto as a part hereof; and  
No.

WHEREAS, the work contemplated hereunder is subject to the provisions of the Federal Highway  
Administration Federal-Aid Policy Guide, 23 C.F.R. Subchapter B, Part 140, Subpart I, as amended, and Federal-Aid  
Policy Guide, 23 C.F.R. Subchapter G, Part 646, Subpart B, as amended, and DEPARTMENT'S Rule 14-46.002  
Florida Administrative Code, as amended; and

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

A. The COMPANY shall:

1. Install by its own forces, with supervision and approval of the DEPARTMENT, at an estimated cost of  
\$ 158,900, itemization of which is attached hereto, automatic railroad grade crossing traffic control  
devices hereinafter called "Devices", at said location, in accordance with (1) the attached detailed statement of the  
work, plans and specifications; (2) the DEPARTMENT'S Plans and Standards Index Number 17882; and (3)  
Federal-Aid Policy Guides mentioned above, and Rule 14-46.002, all of which by reference are made a part hereof.

2. Provide protective services in accordance with the U.S. Department of Transportation Manual on Uniform Traffic Control Devices (MUTCD) during the performance of the work, as indicated in the attached plans and specifications, the cost of which is included in the attached cost estimate.

3. Render the DEPARTMENT a final bill, in accordance with applicable Federal or State regulations, within one hundred eighty (180) days from the completion date of the project, for all actual reimbursable identified charges including credits for salvage or betterments, if any, attributable to the project; and itemize all substantial charges in a form comparable to the charges contained in the cost estimate.

4. Operate and maintain said devices and perform any adjustment, relocation or replacement of said devices; the cost therefore shall be assumed or apportioned in accordance with Paragraph C below.

B. The DEPARTMENT shall:

1. Promptly reimburse the COMPANY for all actual costs attributable to the project as detailed in this agreement, pursuant to Paragraph A.1, as billed by the COMPANY, pursuant to Paragraph A.3.

2. Payment shall be made only after receipt and approval of goods and services in accordance with Section 215.422(14), Florida Statutes.

C. The PARTIES agree:

1. That fifty percent (50%) of the cost for the operation and maintenance of the devices by the COMPANY shall be borne by the COUNTY and fifty percent (50%) shall be borne by the COMPANY, in accordance with the attached Schedule of Annual Cost of Automatic Highway Grade Crossing Traffic Control Devices, subject to future revision.

2. That the cost of any adjustment, relocation or replacement of said devices shall be assumed by the party initiating such action, unless otherwise provided for in this contract, existing contracts between the parties, or in existing contracts between one of the parties and a third party. Unless otherwise agreed upon herein, the COUNTY agrees to insure that at the crossing the advance warning signs and railroad crossing pavement marking will conform to the MUTCD 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.

3. 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

4. That any provision contained in any existing contract relating to said crossing, whether between the parties hereto and/or third parties, shall be, and does, remain in full force and effect, except at otherwise provided herein.

5. That the cost of maintaining any additional or replacement signal equipment at the same location will be shared as provided under Paragraph C.1. above.

6. In accordance with Section 287.058, Florida Statutes, the following information is provided:

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.

7. Bills for travel expenses specifically authorized in this Agreement shall be submitted and paid in accordance with DEPARTMENT Rule 014-46.002 "Responsibility for the Cost of Rail road/Highway Crossings" and the Federal Highway Administration Federal-Aid Policy Guide Subchapter B, Part 140, Subpart I "Reimbursement for Railroad Work."

8. In accordance with Section 215.422, Florida Statutes, the following information is provided:

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 Banking and Finance. 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 Banking and Finance. 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 State Comptroller's Hotline, 1-800-848-3792.

9. 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 three 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.

10. In accordance 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 provided in s.287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

11. The Department's obligation to pay under this section is contingent upon an annual appropriation by the Florida Legislature, in accordance with Section 287.0582, Florida Statutes.

12. The State of Florida's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. In the event this Agreement is in excess of \$25,000 and has a term for a period of more than one year, the provisions of Section 339.135(6)(a), Florida Statutes, are hereby incorporated:

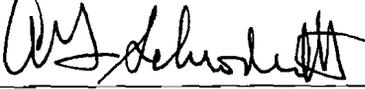
The Department, during any fiscal year, shall not expend money, incur and liability, or enter into any contract which, by its terms involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation 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 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 1 year, but any contract so made shall be executory only for the value of the service 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 any amount in excess of 25,000 dollars and which have a term for a period of more than 1 year.

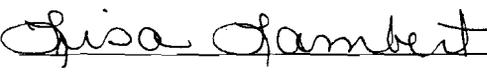
13. It is understood and agreed that this agreement shall not be binding until it has been authorized or ratified by a proper ordinance or resolution of the County Commission of the COUNTY of Nassau Florida, a certified copy of which ordinance or resolution is attached hereto and made a part hereof.

14. The Department reserves the right to unilaterally cancel this Agreement for refusal by the contractor to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes and made or received in conjunction with this Agreement.

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:  2/5/01  
(TITLE: for the District Secretary)

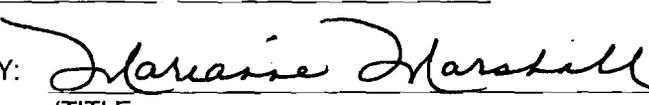
ATTEST: 

CSX TRANSPORTATION, INC.

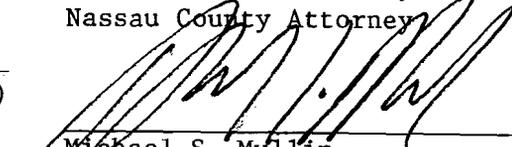
BY:   
AS ITS: Dale W. Ophardt  
Chief Engineer - Design & Construction

ATTEST:   
VICE PRESIDENT & CORPORATE SECRETARY

Nassau COUNTY, FLORIDA

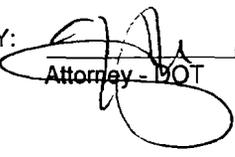
BY:   
(TITLE: Chairman, Nassau Co. Bd. of Co. Comm.)

Approved as to Form by the  
Nassau County Attorney

  
Michael S. Mullin

ATTEST:   
J. M. "Chip" Oxley, Sr.  
Ex-Officio Clerk

Legal Review

BY:  02/01/01  
Attorney - DOT Date

Approved as to Funds  
Available

BY: See attached encumbrance  
dated 11/28/2000  
Comptroller - DOT Date

Approved as to FHPG  
Requirements

BY: Exempt from  
FHWA Project Review  
FHWA Date

RUSH \_\_\_\_\_ (Needed by \_\_\_/\_\_\_/\_\_\_ (date))

Reason for RUSH :

\_\_\_ Advertise \_\_\_\_\_ (Letting Date) \_\_\_ Termination/Cert of Comp  
 \_\_\_ Award \_\_\_ LOA \_\_\_\_\_ Supplemental \_\_\_ Renewal \_\_\_ Correction  
X New \_\_\_ Addition \_\_\_ Court Order \_\_\_ Overrun

Contract # AJ523-\_\_\_ Contract Type AC\_\_\_ Method of Procurement R

Vendor Name CSX Transportation, Inc Vendor ID 621-051-971-008

Has Written/Verbal Approval from a Participating Federal Agency  
 been received \_\_\_ Yes \_\_\_ No \_\_\_ N/A

Fed Agmt Amt \_\_\_\_\_ State Funds \$158,900.00 Local Funds \_\_\_\_\_

Beginning date of this Agmt: 11/07/00 (Must be after fund approval)

Ending date of this Agmt: 11/07/04 (Estimate if necessary)

Execution date of this Agmt: \_\_\_/\_\_\_/\_\_\_ (Only on original agreements)

Has work been authorized to begin? \_\_\_ Yes x No

Have standard financial provisions been altered by contract terms?  
 \_\_\_ Yes x No If so, show Revision date: \_\_\_\_\_

Does this agreement and/or change order include provisions for  
 reimbursement to D.O.T. from other entities? \_\_\_ Yes x No

\*\*\*\*\*

Brief Description of Work/Comments: Install flashing lights and  
 gates with advanced warning signs (W10-1).

Crossing #620739-W, RRMP: A 620.35

\*\*\*\*\*

ORG-CODE	*EO	* OBJECT	* AMOUNT	*FIN PROJ or JOB #	*FCT
(FISCAL YEAR)				(FUND) alpha	

55	024010206	*HC	* 563002	* \$158,900.00	* 212566-2-57-01	*127
	(00/01)				(SP)	

55	xxxxxxxxx	*xx	* xxxxxx	* \$ _____	* xxxxxxxxxxxx	*xxx
	(xx/xx)				(xxxx)	

55	xxxxxxxxx	*xx	* xxxxxx	* \$ _____	* xxxxxxxxxxxx	*xxx
	(xx/xx)				(xxxx)	

TOTAL AMOUNT \* \$158,900.00 \*

Originator: James L. Jenkins DATE SENT: 11/07/00 PH/SC: 824-5688

E-mail USERID(s) PT227JJ

\*\*\*\*\*

TO BE COMPLETED BY OFFICE OF COMPTROLLER

\*\*\*\*\*

BUDGET ENTITY 100100 CATEGORY 088796

WORK PROGRAM VERIFICATION OK

ALLOTMENT \_\_\_\_\_ YEAR 01 DATE CHECKED \_\_\_\_\_

CI NEW/04 6S LINE 0001

FUNDS APPROVED BY \_\_\_\_\_ JOHN FAIN

FOR ROBIN M. NAITOVE, CPA, COMPTROLLER DATE: 11-28-2000

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

FORM 725-090-41  
 RAIL  
 OGC - 09/98

FINANCIAL PROJECT NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & RW NUMBER	FAP NUMBER
21256625701	Braddock Road	Nassau	1(SIG-P)	SP000S-486J

COMPANY NAME: CSX Transportation, Inc.

A. FDOT/AAR XING NO.: 620739W RR MILE POST TIE: A 620.35

B. TYPE SIGNALS PROPOSED III CLASS IV 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	\$1,637.00
II	Flashing Signals - Multiple Tracks	\$2,166.00
III	Flashing Signals and Gates - One Track	\$2,468.00
IV	Flashing Signals and Gates - Multiple Tracks	\$3,098.00

AUTHORITY: FLORIDA ADMINISTRATIVE RULE 14-46.002  
 Responsibility for the Cost of Automatic Highway  
 Grade Crossing Traffic Control Devices

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, 1996 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**

FORM 725-090-09  
 RAIL  
 10/99

FINANCIAL PROJECT NO.	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & RW NUMBER	FAP NUMBER
21256625701	Braddock Road	NASSAU	1(SIG-P)	SP000S-486J

RAILROAD COMPANY

CSX Transportation, Inc.

- A. JOB DESCRIPTION & LOCATION: Install Flashing Lights and Gates on Braddock Road in Nassau County.
- B. TYPE OF ROADWAY FACILITY: 2 Lane Undivided, Rural
- C. FDOT/AAR XING NO.: 620739W RR MILE POST TIE: A 620.35
- D. TYPE CROSSING PROPOSED: III CLASS: IV DOT INDEX NO.: 17882
- E. STATUS AND PROPOSAL:

1. EXISTING DEVICES: (See Agreement dated None on Record )

- a.  None-New Crossing.
- b.  Crossbuck and Disk.
- c.  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 Amtrak )

- a.  No revision required.
- b.  Crossbuck and Disk.
- c.  Flashing Signals and Disk.
- d.  Flashing Signals with Cantilever.
- e.  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.  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: 2/28/2001

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

Synchronization: (Draft attached  Yes  No.)

**GENERIC INSTALLATION ESTIMATE  
GRADE CROSSING TRAFFIC CONTROL DEVICES**

To: Florida Dept. of Transportation      For: Type \_\_, Class \_\_ Signals  
 DOT Project No.: \_\_\_\_\_,      New Installation  Modification   
 Location: CALLAHAN      County: NASSAU      State: Florida  
 Road Jurisdiction: COUNTY      Road Name: BRADDOCK  
 FDOT/AAR Xing No.: 620739-W      RR MP: A - 620.35

I. Preliminary Engineering:      Company Forces  Contract       \$ 11,900  
 II. Construction Supervision:      Company Forces  Contract       \$ 5,400

III. Material:  
 Highway Grade Crossing Signal Assembly ..... \$ 16,000  
 Control Equipment ..... \$ 39,400  
 Field Material ..... \$ 21,600  
 Material Transportation ..... \$ 1,000  
 Material Handling ..... \$ 3,700  
 Material Sales Tax ..... \$ 5,000  
 Total Material ..... \$ 81,700

IV. Equipment:  
 Company Owned ..... \$ 500  
 Rental ..... \$ 9,400  
 Total Equipment ..... \$ 9,900

V. Labor:  
 Direct Labor ..... \$ 17,800  
 Labor Additives ..... \$ 29,800  
 Total Labor ..... \$ 47,600

Sub-Total ..... \$ 156,500

VI. Miscellaneous Items:  
POWER SERVICE ..... \$ 2,400  
 \_\_\_\_\_ ..... \$ \_\_\_\_\_  
 \_\_\_\_\_ ..... \$ \_\_\_\_\_  
 \_\_\_\_\_ ..... \$ \_\_\_\_\_  
 \_\_\_\_\_ ..... \$ \_\_\_\_\_  
 \_\_\_\_\_ ..... \$ \_\_\_\_\_

VII. Total Estimated Cost: ( / / 99 By: ) ..... \$ 158,900

VIII. Submitted By: CSX Transportation

**This generic estimate shall not be used in negotiations or as an exhibit in construction and maintenance agreements which do not provide for billing of actual costs. This estimate is not valid for lump sum projects.**

10/30/2000  
07:58

USDOT - FEDERAL HIGHWAY ADMINISTRATION  
FEDERAL-AID PROJECT AUTHORIZATION/AGREEMENT

PAGE 1

STATE: FLORIDA PROJECT NO: 000S486 STATE PROJ. NO: 207924-1

THE STATE, THROUGH ITS HIGHWAY AGENCY, HAVING COMPLIED, OR HEREBY AGREEING 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 DESIGNATED PROJECT, AND THE FEDERAL HIGHWAY ADMINISTRATION HAVING AUTHORIZED CERTAIN WORK TO PROCEED AS EVIDENCED BY THE DATE ENTERED OPPOSITE THE SPECIFIC ITEM OF WORK, FEDERAL FUNDS ARE OBLIGATED FOR THE PROJECT NOT TO EXCEED THE AMOUNT SHOWN HEREIN, THE BALANCE OF THE ESTIMATED TOTAL COST BEING AN OBLIGATION OF THE STATE. SUCH OBLIGATION OF FEDERAL FUNDS EXTENDS ONLY TO PROJECT COSTS INCURRED BY THE STATE AFTER THE FEDERAL HIGHWAY ADMINISTRATION AUTHORIZATION TO PROCEED WITH THE PROJECT INVOLVING SUCH COSTS. THE STATE FURTHER STIPULATES THAT, AS A CONDITION TO PAYMENT OF THE FEDERAL FUNDS OBLIGATED, IT ACCEPTS AND WILL COMPLY WITH THE APPLICABLE PROVISIONS SET FORTH IN 23 CFR PART 630, SUBPART C.

PROJECT LOCATION: SR 2 XING #713542-E.  
CHARACTER OF PROPOSED WORK: RAILROAD CROSSING  
STATE APPL. ID: NA

CLASSIFICATION OF PHASE OF WORK TO BE PUT UNDER AGREEMENT EFFECTIVE DATE OF AUTHORIZATION

HIGHWAY PLANNING & RESEARCH  
PRELIMINARY ENGINEERING  
RIGHT-OF-WAY  
X CONSTRUCTION 10/27/2000  
OTHER

APPR.	URBAN/ WITH	TOTAL COST	FEDERAL SHARE	FEDERAL FUNDS UNDER AGREEMENT	FEDERAL FUNDS NOT UNDER AGREEMENT
Q26		\$1,052,569	100.00 %	\$1,052,569.00	\$0.00
TOTAL		\$1,052,569		\$1,052,569.00	\$0.00

ESTIMATED TOTAL COST: \$1,052,569.00  
FEDERAL FUNDS UNDER AGREEMENT: \$1,052,569.00  
FEDERAL FUNDS NOT UNDER AGREEMENT: \$0.00  
TOTAL AUTHORIZED FOR PROJECT: \$1,052,569.00

FLORIDA DEPT OF TRANSPORTATION

AVAILABLE FUNDS CERTIFIED BY: CINDY HARPER DATE: 10/26/2000  
APPROVAL RECOMMENDED BY: CINDY HARPER DATE: 10/26/2000  
APPROVED AND AUTHORIZED BY: ANNELLE BLANCHETT DATE: 10/26/2000

FEDERAL HIGHWAY ADMINISTRATION

APPROVAL RECOMMENDED BY: RONALD GRESSEL DATE: 10/27/2000  
APPROVED AND AUTHORIZED BY: RONALD GRESSEL DATE: 10/27/2000  
AGREEMENT APPROVED BY: RONALD GRESSEL DATE: 10/27/2000

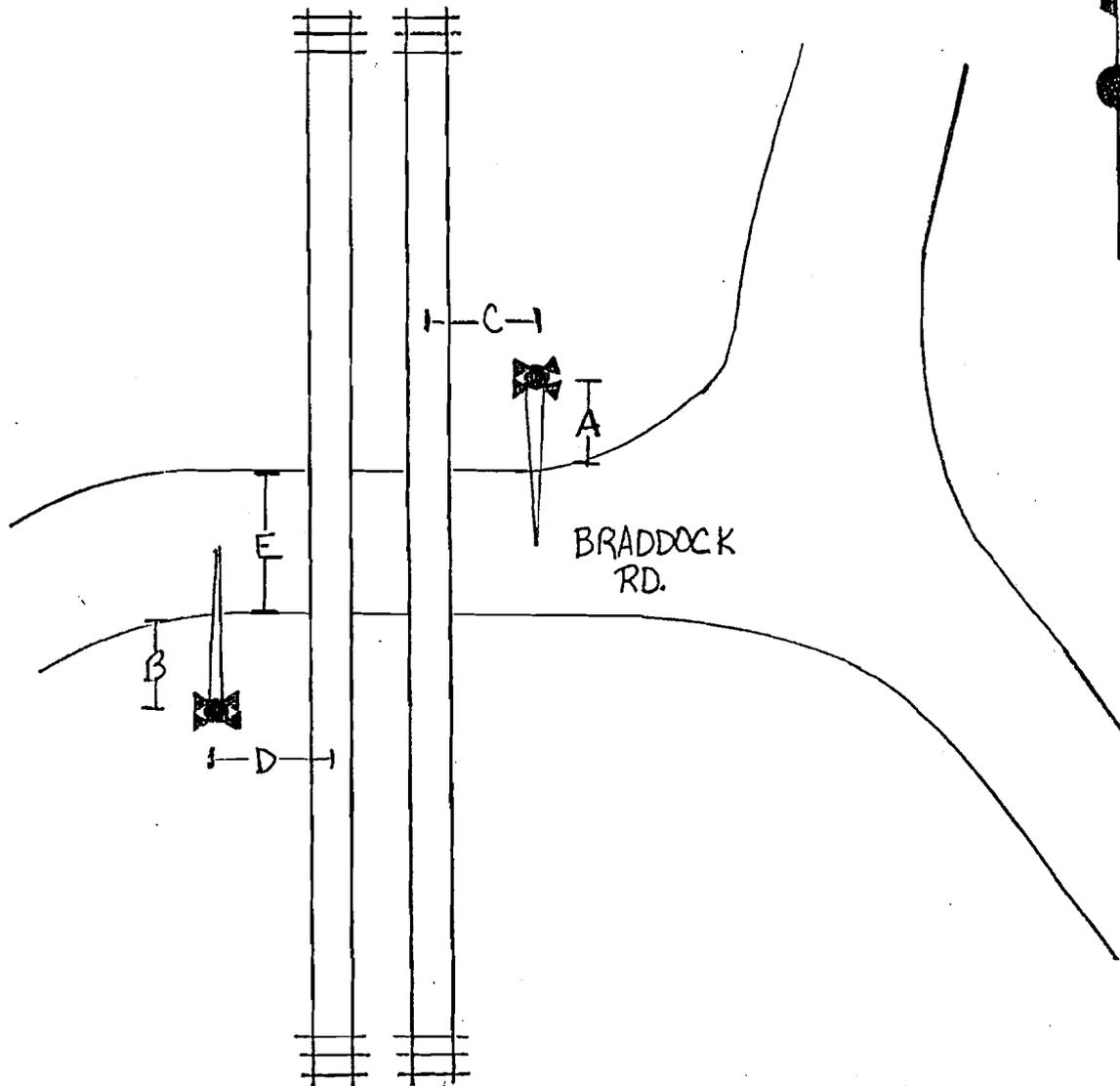
STATE REMARKS:

D2; EXEMPT; NON-NHS; RAIL; INITIAL AUTHORIZATION FOR DISTRICT 2 RAIL HIGHWAY GRADE SAFETY IMPROVEMENT PROGRAM; SOFTMATCH;

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED.

10/30/2000 07:58  
USDOT - FEDERAL HIGHWAY ADMINISTRATION  
FEDERAL-AID PROJECT AUTHORIZATION/AGREEMENT  
STATE: FLORIDA PROJECT NO: 000S486 STATE PROJ. NO: 207924-1  
STIP PG. 104; TIP PG. 32 AND A-42; ENVIRONMENTAL - CAT. EX. UNDER  
23 CFR 771.117 ( C ) WAS REEVALUATED ON 10/16/2000.  
PAGE 2

ALL UNDERGROUND UTILITIES TO BE LOCATED  
AND ADJUSTED BY UTILITIES' OWNER AS NEEDED.



PROJECT NO. \_\_\_\_\_  
W.P.I. NO. \_\_\_\_\_  
FAP NO. \_\_\_\_\_

A. 12'3"

B. 12'3"

C. 15'

D. 15'

E. 14'

REMARKS: EXISTING: CROSS BUCKS.

RECOMMENDATIONS: CSX TRANSPORTATION TO INSTALL  
FLASHING LIGHTS AND GATES.

NASSAU COUNTY TO INSTALL ADVANCED WARNING  
SIGNS(W10-1) AND FURNISH NECESSARY FILL DIRT.

\*\*POWER MAY BE A PROBLEM - NO POWER AVAILABLE

FLORIDA DEPARTMENT OF TRANSPORTATION  
RAIL-HIGHWAY GRADE CROSSING IMPROVEMENT

CROSSING NO. 620739-W COMPANY CSX

TYPE: III CLASS: IV

LOCATION: BRADDOCK ROAD

DRAWN BY: D. WHITNEY DATE: 8/10/99

ALL IMPROVEMENTS TO BE MADE IN ACCORDANCE  
WITH D.O.T. STANDARD INDEX NO. 17882.

6/23/99

FLORIDA DEPARTMENT OF TRANSPORTATION  
DIAGNOSTIC FIELD REVIEW REPORT  
RAIL-HIGHWAY GRADE CROSSING  
DATA SHEET

PAGE 1

PROJECT NO. \_\_\_\_\_

W.P.A. NO. \_\_\_\_\_

CROSSING NO.: 620739-W PRIORITY NO.: 2523 COUNTY: NASSAU CITY: CALLAHAN RDWY: BRADDOCK R

CLASSIFICATION/LOCATION: DATE LAST UPDATED: 960419

R.R. CO.: CSX SYSTEMS R.R. BRANCH: A 301 STATION: CALLAHAN R.R. MILEPOST: 0620.35

R.R. CROSSING STATUS: OPEN AS OF 831115 PROPOSED STATUS: NO USE, OPEN

RAIL OPERATIONS: DATE LAST UPDATED: 860911

TRAIN MOVEMENTS: 35 PER DA MAXIMUM TRAIN SPEED: 079 EFFECTIVE: 831115 NO. OF MAIN TRACKS: 2 OTHER TRACKS: 00

WARNING DEVICES: DATE LAST UPDATED: 990415

EXISTING WARNING : X-BUCK TYPE OF TRAIN DETECTION: UNKNOWN PREEMPTION: N ADVANCE WARNING: N

PHYSICAL DATA: DATE LAST UPDATED: 900625

R.R. CROSSING ANGLE: 90 DEGREES NO. OF THRU LANES: 01 OTHER LANES: 0 HIGHWAY SPEED: 025 DIST. TO INTERSECT.: 00000

ACTUAL STOPPING SIGHT DIST.(FT): 160 MIN. CLEAR QUAD. SIGHT DIST.(FT): 075 PARALLEL RD.: CROSSING RD. PARALLEL

CROSSING CONDITION: FAIR APPROACH CONDITION: ROUGH TRANSITION OR CROSSING MAINTAINING AGENCY: COUNTY

DEPARTMENT DATA: DATE LAST UPDATED: 990322

TRAFFIC VOL.(ADT): 000091 AS OF 960109 SCHOOL BUS COUNT: 000 AS OF 1999 PERCENT TRUCKS: 1.30 HAZARDOUS MATLS.: U

SAFETY DATA: DATE LAST UPDATED: 990503

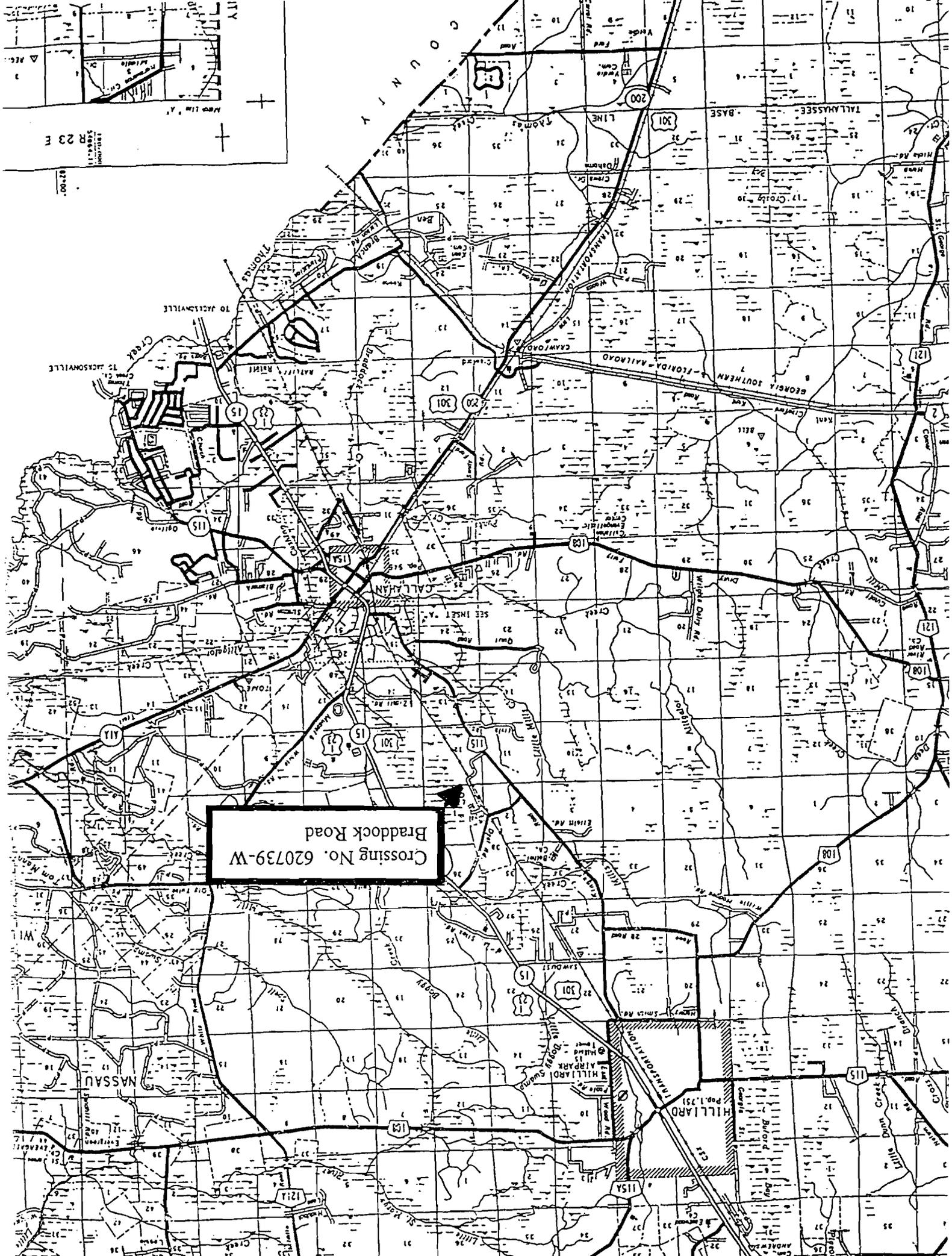
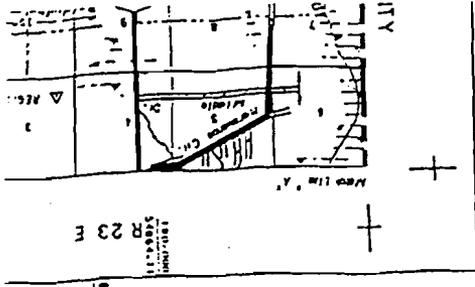
PRED. ACCID./YEAR: 000.029 SAFETY INDEX: 74.74 RECOMMENDED WARNING DEVICE: XBUCKS ESTIMATED COST: 0000.0 THOUSAND

DESCRIPTION OF SITE/INSTALLATION CONFLICTS: \_\_\_\_\_

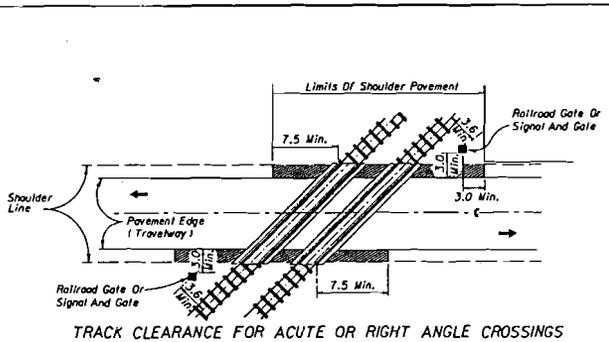
REVIEW TEAM RECOMMENDATION: CSX Transportation, Inc. to install flashing lights and gates.

DATE REVIEWED 8/10/99 BY \_\_\_\_\_

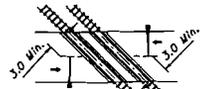
REVIEW TEAM PERSONNEL: D.O.T. RAIL Donna Whitney D.O.T. SAFETY Earl Hodges RAILROAD CO. Earl Shaffer, CSX  
FHWA ----- LOCAL ----- DOT TALL - Mike Dross  
DOT TALL - Scott Allbritton



Crossing No. 620739-W  
Braddock Road

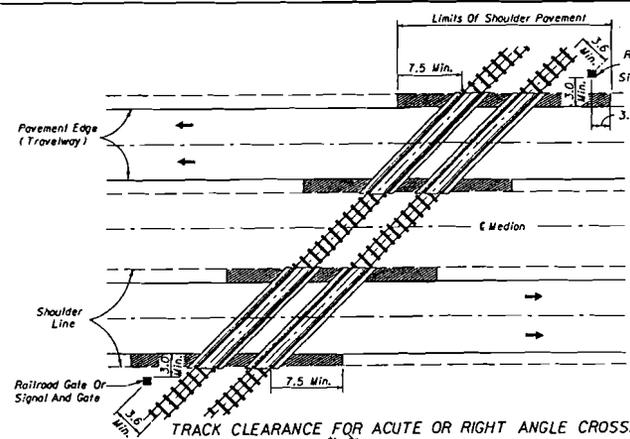


TRACK CLEARANCE FOR ACUTE OR RIGHT ANGLE CROSSINGS

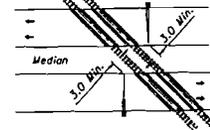


Typical Location Plan For Gate Or Flashing Signal With Gate When Tracks Are At Oblique Angle.

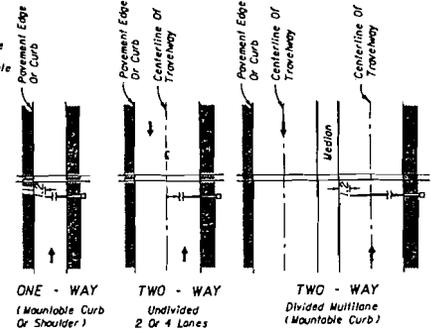
Note: It is intended that the full shoulder width of the existing roadway be paved, where an existing shoulder is substantially substandard for the facility involved, the shoulder width should be upgraded to meet current standards.



TRACK CLEARANCE FOR ACUTE OR RIGHT ANGLE CROSSINGS



Typical Location Plan For Gate Or Flashing Signal With Gate When Tracks Are At Oblique Angle.

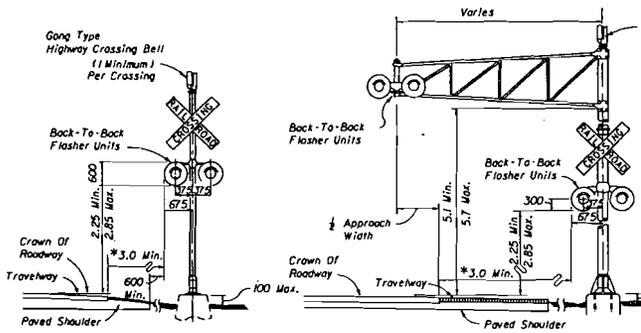


Note: Arrows denote direction of travel not lane indication

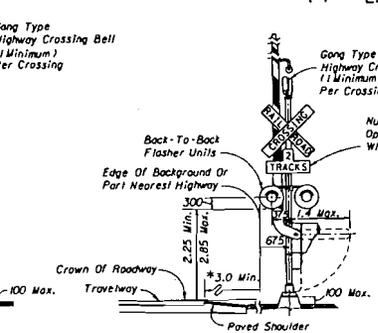
FIGURE 1

Gate Length Requirements  
See Note 6 Sheet 3

SIGNAL PLACEMENT AT RAILROAD CROSSING (2 - LANE DESIGN)

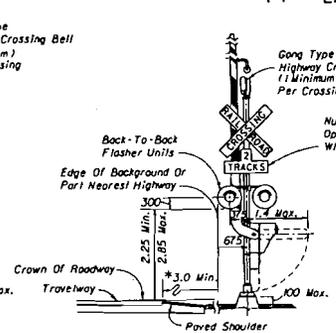


TYPE I

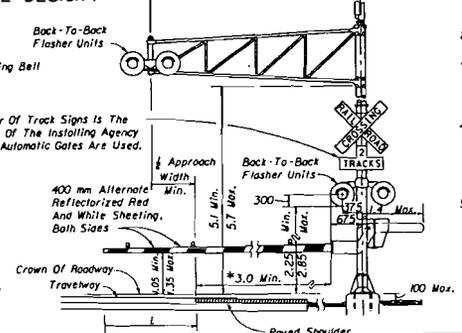


TYPE II

SIGNAL PLACEMENT AT RAILROAD CROSSING (4 - LANE DESIGN)



TYPE III



TYPE IV

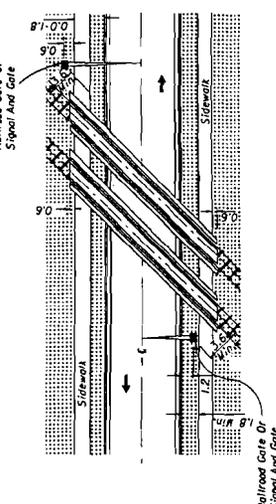
General Notes

- No guardrail is proposed for signals; however, some form of impact attenuation device may be specified for certain locations.
- Advance flasher to be installed when and if called for in plans or specifications.
- Top of foundation shall be no higher than 100 mm above finished shoulder grade.
- Type of traffic control device
  - I Flashing signals
  - II Flashing signals with cantilever
  - III Flashing signals with gate
  - IV Flashing signals with cantilever & gate
  - V Gate
- Class of traffic control devices
  - I Flashing signals - one track
  - II Flashing signals - multiple tracks
  - III Flashing signals and gates - one track
  - IV Flashing signals and gates - multiple tracks

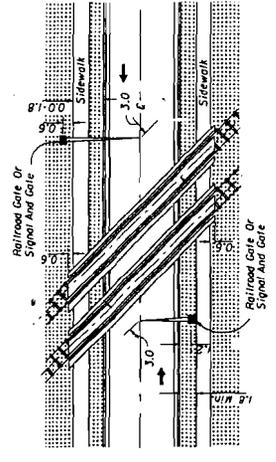
\* Desirable minimum - where field conditions dictate absolute minimum may be as per the Plans Preparation Manual.

Note: Two separate foundations may be required (one for signals, one for gate), depending on type of equipment used.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN			
<b>RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES</b>			
DESIGNED BY	DATE	APPROVED BY	DATE
DRAWN BY	04/08/76	<i>Chas. J. ...</i>	04/08/76
CHECKED BY		REVISION NO.	SHEET NO.
		1 of 4	17882



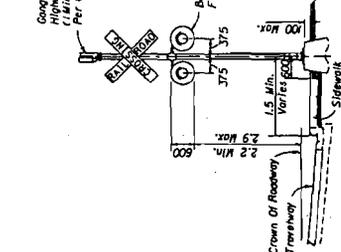
ACUTE ANGLE (AND RIGHT ANGLE)  
 SIGNAL PLACEMENT AT RAILROAD CROSSING  
 (2 LANES, CURB & GUTTER)



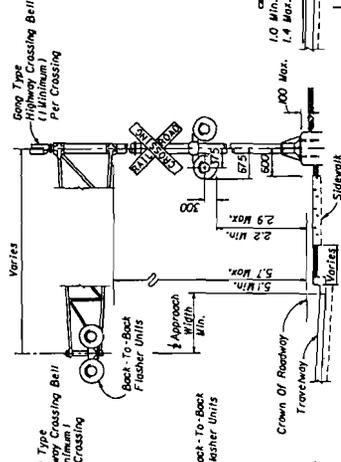
OBTUSE ANGLE  
 SIGNAL PLACEMENT AT RAILROAD CROSSING  
 (2 LANES, CURB & GUTTER)

GENERAL NOTES

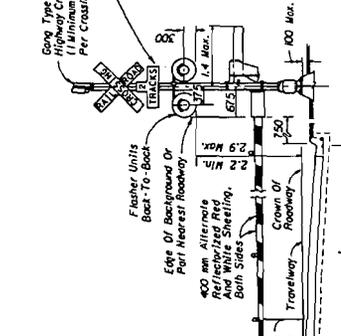
1. The location of flashing signals and stop lines shall be established based on future (or present) installation of gate with appropriate track clearances.
2. Where plans call for railroad traffic control devices in the roadway, the minimum median width shall be 3.75 m.
3. Location of railroad traffic control devices is based on the distance between the face of curb & sidewalk. Over 1.8 m - Locate device outside sidewalk. Under 1.8 m - Locate device between face of curb and sidewalk.
4. Stop line to be perpendicular to edge of roadway, approx. 4.5 m from nearest rail, or 2.4 m from end parallel to gate when present.



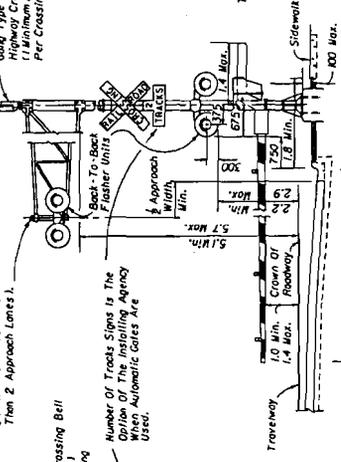
TYPE I



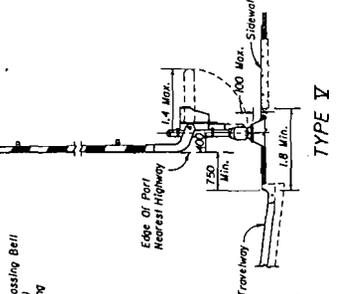
TYPE II



TYPE III



TYPE IV



TYPE V

As A Minimum, Position Flasher Units On One Side Separation Lines (More Than One Flasher Unit If There Are More Than 2 Approach Lanes).

Number Of Tracks Signs Is The Option Of The Installing Agency When Automatic Gates Are Used.

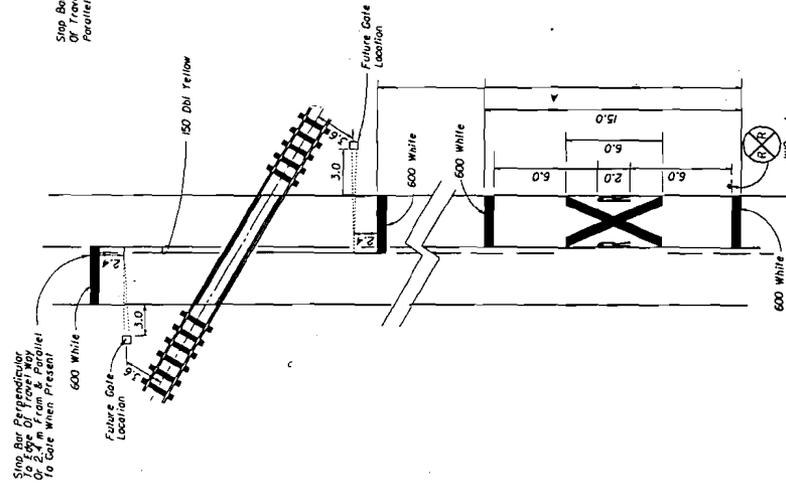
STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION  
 TRAFFIC DESIGN

**RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES**

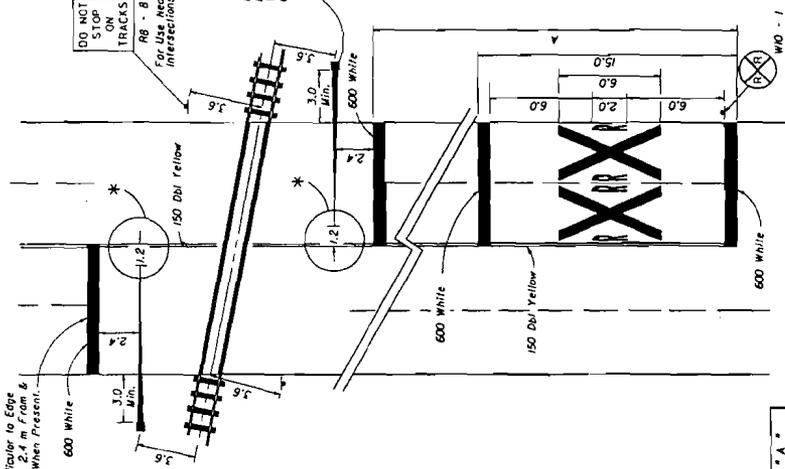
DESIGNED BY	DATE
DRAWN BY	SCALE
CHECKED BY	SECTION
APPROVED BY	NO. OF SHEETS

DATE: 12/14/17882

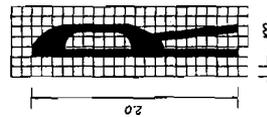
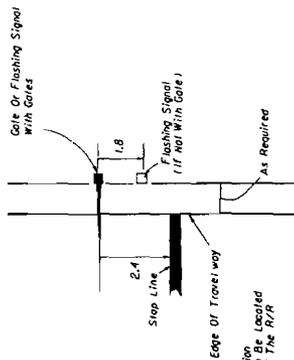
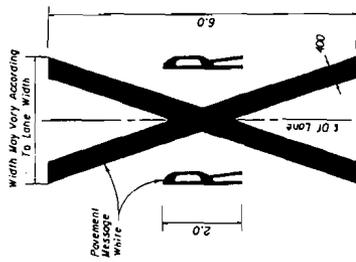
**RAILROAD CROSSING AT  
TWO (2) - LANE ROADWAY**



**RAILROAD CROSSING AT  
MULTI-LANE ROADWAY**



**RELATIVE LOCATION OF CROSSING TRAFFIC  
CONTROL DEVICES**



**NOTES:**

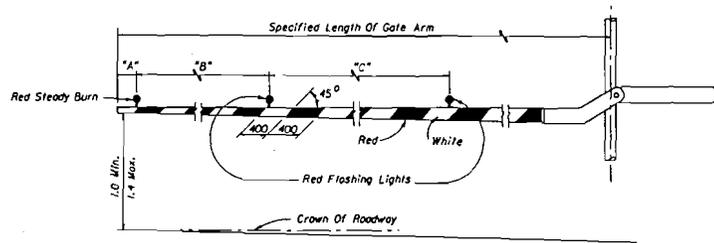
1. When computing pavement message, quantities do not include transverse lines.
2. Placement of sign W10-1 in a residential or business district, where low speeds are prevalent, the W10-1 sign may be placed a minimum distance of 30.0 m from the crossing. Where street intersections occur between the R-R pavement message and the tracks an additional W10-1 sign and additional pavement message should be used.
3. Recommended location for sign FTP-38, 30.0 m Urban & 30.09 m Rural in advance of the crossing.
4. A portion of the pavement markings symbol should be directly opposite the W10-1 sign.
5. Recommended location for FTP-38 A or B signs, 30.0 m Urban and 30.0 m Rural. See Index 17355 for sign details.

**\* 6. Gate Length Requirements**

For two-way undivided sections:  
The gate should extend to within 300 mm of the center line. On multilane approaches the maximum gate length may not reach to within 300 mm of the center line. For these cases, the distance from the gate to the center line shall be a maximum of 1.2 m.

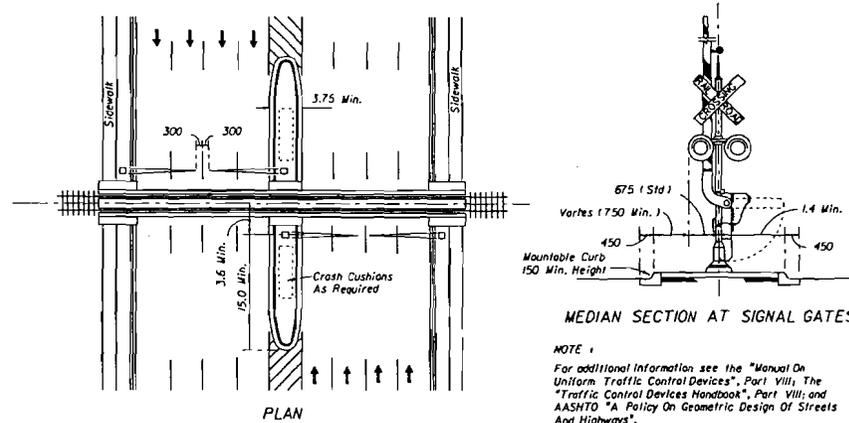
For one-way or divided sections:  
The gate shall be of sufficient length such that the distance from the gate lip to the inside edge of pavement is a maximum of 1.2 m.

SPEED MPH	"A" IN FOOT
60	65.0
55	50
50	45
45	40
40	35
35	30
30	25
URBAN	15.0 MIN.



RAILROAD GATE ARM LIGHT SPACING

Specified Length Of Gate Arm	Dimension "A"	Dimension "B"	Dimension "C"
4.2	150	900	1.5
4.5	450	900	1.5
4.8-5.39	600	900	1.5
5.4-5.99	700	1025	1.5
6.0-7.19	700	1.2	1.5
7.2-8.69	700	1.5	1.5
8.7-9.59	900	1.8	1.8
9.6-10.49	900	2.1	2.1
10.5-11.39	900	2.7	2.7
11.4 And Over	900	3.0	3.0



MEDIAN SECTION AT SIGNAL GATES

NOTE:  
For additional information see the "Manual On Uniform Traffic Control Devices", Part VIII; The "Traffic Control Devices Handbook", Part VIII; and AASHTO "A Policy On Geometric Design Of Streets And Highways".

MEDIAN SIGNAL GATES FOR  
MULTI LANE UNDIVIDED URBAN SECTIONS  
(THREE OR MORE DRIVING LANES IN ONE DIRECTION, 45 mph (70 km/h) OR LESS)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
TRAFFIC DESIGN

RAILROAD GRADE CROSSING  
TRAFFIC CONTROL DEVICES

Designed By	ED/12/85	Checked By	ED/12/85
Drawn By	ED/12/85	Approved By	<i>Charles J. [Signature]</i>
Checked By		Revision No.	

Scale: 1" = 10'-0"