

DA



8/27/90  
**DEPARTMENT OF TRANSPORTATION**

**BEN G. WATTS**  
**SECRETARY**

Post Office Box 1089  
Lake City, Florida 32056-1089  
August 21, 1990

Mr. S. M. Kelly  
Public Projects Engineer  
CSX Transportation, Inc.  
P. O. Box 45052  
Jacksonville, Florida 32232-5052

WPI No. 2128037, FAP No. RRP-000S(380)  
Section 74000-6915, State Road - CR 200A  
Nassau County, Parcel 1(74600-SIG-P)  
Crossing No. 620799-F, RRMP: SMA 35.30

Dear Mr. Kelly:

We are enclosing one (1) fully executed agreement dated August 17, 1990, involving your company and covering the installation of grade crossing traffic control devices estimated at \$81,400.00.

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 Program Manual Volume 1, Chapter 4, Section 3, and/or Volume 6, Chapter 6, Section 2, as required. Should additional information or meeting with Department representatives be needed, please let me know.

Sincerely,

Jimmy Keen  
District Railroad Coordinator

JK/DW/lg  
Attachment

cc: Mr. William Lecher, P.E., Nassau County Engineer  
Mr. Henry Pelt, Administrator, Rail Operations  
Mr. Lorenzo Alexander, District Public Transportation Manager  
Mr. Howard Greene, District Contracts Compliance Officer and  
Construction Utility Engineer

**RAILROAD REIMBURSEMENT AGREEMENT  
GRADE CROSSING TRAFFIC CONTROL DEVICES-COUNTY**

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6915	CR 200A	Nassau	1 (74600-SIG-P)	RRP-000S (380)

THIS AGREEMENT, made and entered into this 17<sup>th</sup> day of August, 19 90, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the DEPARTMENT, and CSX TRANSPORTATION, INC. a corporation of Virginia, with its principal place of business in the City of Baltimore, County of \_\_\_\_\_, State of Maryland, 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 Job No. 74000-6915, between MP SAV 32.30 and MP SMA 35.40, which crosses at grade the right-of-way and tracks of the COMPANY at point \_\_\_\_\_ feet \_\_\_\_\_ from the COMPANY'S Milepost SMA 35.30, FDOT/AAR Crossing Number 620799-F, at or near Yulee, Florida, as shown on the DEPARTMENT'S Plan Sheet No. \_\_\_\_\_, attached hereto as part hereof; and

WHEREAS, the work contemplated hereunder is subject to the provisions of the Federal Highway Administration Federal Aid Highway Program Manual, Volume 1, Chapter 4, Section 3 (FHPM 1-4-3), as amended, and Federal Aid Highway Program Manual, Volume 6, Chapter 6, Section 2, Subsection 1 (FHPM 6-6-2-1), as amended, and the 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 \$ 81,400.00, 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 Standard Index Number 17882; and (3) FHPM 1-4-3 and FHPM 6-6-2-1, or 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 of Uniform Traffic Control Devices 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, pursuant to Paragraph A.1., as billed by the COMPANY, pursuant to Paragraph A.3.

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 COUNTY and all of the DEPARTMENT'S and COUNTY'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 COUNTY 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 either the DEPARTMENT or the COUNTY or any of their respective officers, agents or employees.

4. That any provision contained in an 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 as otherwise provided herein.

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.

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

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

BY: [Signature] (SEAL)  
(Title: District Secretary)

ATTEST: Barbara A. Cloud  
Secretary

CSX TRANSPORTATION, INC.

BY: [Signature] (SEAL)  
AS ITS: J. R. CLARK, DIRECTOR  
CONSTRUCTION / PUB. PROJ.  
CSX RAIL TRANSPORT

ATTEST: David M. Yearwood  
Assistant Secretary

Nassau COUNTY, FLORIDA

BY: [Signature] (SEAL)  
(Title: Chairman, Board of County Commissioners)

ATTEST: [Signature]

Approved as to Form, Legality  
and Execution LO

BY: [Signature] 5/8/90  
Attorney - DOT Date

Approved as to Funds  
Available

BY: \_\_\_\_\_ Date  
Fiscal-DOT

Approved as to FHPM  
Requirements

BY: Bobby W. Blackmon 3-20-90  
FHWA Date

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

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6915	CR 200A	Nassau	1(74520-2151)	RRP-000S(380)

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 EXPENDATURE OF FUNDS AND PROVIDING WHEN THIS RESOLUTION SHALL TAKE EFFECT.

RESOLUTION NO. 90-46

ON MOTION OF Commissioner Higginbotham, District 1, seconded by Commissioner Testone, 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, between \_\_\_\_\_ and \_\_\_\_\_, 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;

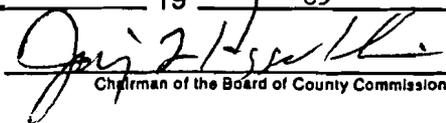
That Nassau County enter into a RAILROAD REIMBURSEMENT AGREEMENT with the State of Florida Department of Transportation and the CSX Transportation, Inc. Company for the installation and maintenance of certain grade crossing traffic control devices designated as Job No. 74000-6915 on CR 200A which crosses the right of way and tracks of the Company at FDOT/AAR Crossing No. 620799-F located near Yulee, Florida; and

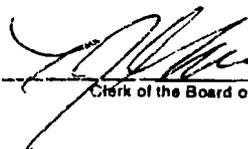
That the County assume its share of the costs for future maintenance and adjustment of said grade crossing traffic control devices as designated in the RAILROAD REIMBURSEMENT AGREEMENT: and

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 18th day of December 19 89

  
 Chairman of the Board of County Commissioners

ATTEST:   
 Clerk of the Board of County Commissioners

LETTER OF APPROVAL AND/OR AUTHORIZATION

2. STATE PROJECT NO.  
Various

3. FROM  
J. R. Skinner, Division Administrator  
Federal Highway Administration  
Tallahassee, Florida

4. PROGRAM NO.  
139  
5. ITEM NO.  
318

2A. COUNTY NAME  
Various in Dist. 2

6. TO

Mr. Harold Worrall  
Assistant Secretary for Finance and Administration  
Florida Department of Transportation  
Tallahassee, Florida

(11) Locations

Attention: Mr. Charles T. Faircloth

7. DATE AUTHORIZATION EFFECTIVE  
3-20-90

8. FEDERAL ROUTE NUMBER

9. STATE ROUTE NUMBER

10. GENERAL LOCATION:

Railroad grade crossings in FDOT District 2 as listed in the attachment to Mr. Charles Faircloth's March 7, 1990 letter.

11. GENERAL DESCRIPTION OF WORK

Railroad grade crossing protective devices as described in the attachment to Mr. Charles Faircloth's March 7, 1990 letter.

12. YOU ARE AUTHORIZED TO PROCEED WITH THE WORK CHECKED BELOW

- |   |  |
|---|--|
| <input type="checkbox"/> PRELIMINARY ENGINEERING TO DETERMINE LOCATION ONLY               | <input type="checkbox"/> CONSTRUCTION - ADVERTISE FOR RECEIPT OF BIDS                                  |
| <input checked="" type="checkbox"/> PRELIMINARY ENGINEERING FOR CONTRACT PLAN PREPARATION | <input checked="" type="checkbox"/> CONSTRUCTION PROCEED ON AN AGREED PRICE AND/OR FORCE ACCOUNT BASIS |
| <input type="checkbox"/> ACQUISITION OF RIGHT-OF-WAY                                      | <input type="checkbox"/> OTHER (Specify)   |

13. REMARKS

Authorized in accordance with the provisions of the Rail-High Crossing Program alternate procedures approved November 17, 1988, as requested by Mr. Charles Faircloth's March 7, 1990 letter. Total funds authorized are \$797,900 (Federal funds of \$718,109), of which \$39,895 (Federal funds of \$35,905) is for preliminary engineering.

Any modifications of this project to add or delete individual crossings will be processed with a Modification of Federal-Aid Project Agreement (Form PR-2A) provided the additional work is within the scope of work previously authorized.

27520-6901	CR-125	74000-6915	CR 200 A
71010-6903	SR. 15	74000-6927	Crawford
72015-6901	Emerson	74000-6928	Centre
72099-6940	Edgewood	78060-6902	S.R. 16
72099-6937	McQuade		
72099-6938	Aita Rd.		
72099-6939	Monclief		

MD	<i>MS</i>
JP	
CA	
ML	
JR	<i>JR</i>
RF	IF

copy to file  
" " Dist.

14. DATE  
3-20-90

15. SIGNATURE OF APPROVING OFFICIAL  
S/ BOBBY W. BLACKMUN

16. TITLE  
For the Division Administrator

FLORIDA DEPARTMENT OF TRANSPORTATION  
 STATE SAFETY OFFICE  
 GRADE CROSSING SAFETY IMPROVEMENT PROGRAM  
 FISCAL YEAR 1990-1991

*PR*

COUNTY NAME	RR. CO.	FEDERAL AID PROJECT NUMBER	RAILROAD CROSSING	PRIY NO.	M.P.A. NUMBER	D.O.T. PROJECT NO.	LOCATION OF PROJECT	PROPOSED IMPROVEMENT	ESTIMATED COST
DADE	CSX	RRP-0005	620726-V	39	2121280	27520-6901	CR-125	TYPE III	80400
CLAY	CSX	RRP-0005	620932-II	348	2122253	71010-6703	SR 15	TYPE IV	82600
DUVAL	FEC	RRP-0005	271819-A	478	2124317	72015-640	EMERSON	TYPE IV	101800
DUVAL	SRS	RRP-0005	713553-S	479	2124318	72099-6540	EDGEWOOD	TYPE III	70000
DUVAL	CSX	RRP-0005	621193-R	164	2124319	72099-6457	MCQUADE	RELOC TYPE III	20000
DUVAL	CSX	RRP-0005	620870-M	1604	2124320	72099-6458	ALTA RD.	TYPE I	49100
DUVAL	SRS	RRP-0005	713577-F	419	2124321	72099-6538	MONCRIEF	TYPE III	60000
DUVAL	CSX	RRP-0005	620799-F	393	2128037	74000-6915	CR 200A	TYPE III	81400
DUVAL	SRS	RRP-0005	713529-R	234	2128038	74000-6917	CRAMFORD	TYPE I	65000
HASSAU	CSX	RRP-0005	620820-J	103	2128039	74000-6920	CENTIRE	TYPE I & III	103400
HASSAU	CSX	RRP-0005	271844-II	258	2126021	78060-6902	SR 16	TYPE IV	84200

Total Funds                      Federal Funds  
 997,900.00                      718,109.00

RRP-0005 (380) ✓  
 39,895                      35,905.00                      P.E.  
758,005                      682,204.00                      Construction  
 797,900                      718,109.00



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

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6915	CR 200A	Nassau	1(74600-SIG-P)	RRP-000S(380)

RAILROAD COMPANY

CSX Transportation, Inc.

A. JOB DESCRIPTION & LOCATION: CR 200A, Yulee, Nassau County

B. TYPE OF ROADWAY FACILITY: 2 Lane Urban

C. FDOT/AAR XING NO. 620799-F RR MILE POST TIE: SMA 35.30

D. TYPE SIGNALS PROPOSED: III CLASS: IV DOT INDEX NO.: 17882

E. STATUS AND PROPOSAL:

1. EXISTING DEVICES: (See Agreement dated 2-27-73)

- 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 393)

- 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 Cantilevers and Gates.
- g.  Relocate existing signal devices:
  - (1)  (With-Without) addition of Gates.
  - (2)  (With-Without) synchronization with highway traffic signals.

F. COMMUNICATION AND/OR POWER LINE ADJUSTMENTS:

- 1. N/A By Others ( \_\_\_\_\_ Company)
- 2.  By Railroad Company.

G. AUTHORITY REQUESTED: (Draft attached: XX 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: County to install pavement symbols, stop bars and W101 signs

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Negotiations to be completed by: July, 1990  
 Signal installation target date: Jan, 1991  
 Synchronization: (Draft attached \_\_\_\_\_ Yes XX No)

RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6915	CR 200A	Nassau	1(74600-SIG-P)	RRP-000S(380)

COMPANY NAME: CSX Transportation, Inc.

A. JOB DESCRIPTION & LOCATION: CR 200A, Yulee, Nassau County

B. TYPE OF ROADWAY FACILITY: 2 Lane Urban

C. FDOT/AAR XING NO.: 620799-F RR MILE POST TIE: SMA 35.30

D. TYPE SIGNALS PROPOSED III CLASS IV DOT INDEX: 17882

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

CLASS	DESCRIPTION	Annual Maintenance Cost Exclusive of Installation
		COST*
I	Flashing Signals - One Track	\$ 650.00
II	Flashing Signals - Multiple Tracks	\$ 860.00
III	Flashing Signals and Gates - One Track	\$ 980.00
IV	Flashing Signals and Gates - Multiple Tracks	\$1,230.00

\*Effective February 3, 1971

AUTHORITY: FLORIDA ADMINISTRATIVE RULE 014.46.002  
Responsibility for the Cost of Automatic Highway  
Grade Crossing Traffic Control Devices

EFFECTIVE DATE: February 3, 1971

GENERAL AUTHORITY: 334.044 F.S.

SPECIFIC LAW IMPLEMENTED: 335.141 F.S.

*Look*

7/17/89

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

PAGE 1

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

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

CROSSING NO.: 620799-F PRIORITY NO.: 0393 COUNTY: NASSAU CITY: *Julee* CALLAHAN RDWY: CR-200A

CLASSIFICATION/LOCATION: DATE LAST UPDATED: 860805  
R.R. CO.: CSX SYSTEMS R.R. BRANCH: SMA STATION: CALLAHAN R.R. MILEPOST: 0035.30  
R.R. CROSSING STATUS: OPEN AS OF 831115 PROPOSED STATUS: NO USE, OPEN

RAIL OPERATIONS: DATE LAST UPDATED: 890330  
TRAIN MOVEMENTS: 04 PER DA MAXIMUM TRAIN SPEED: 015 EFFECTIVE: 831115 NO. OF MAIN TRACKS: *1* OTHER TRACKS: *01*  
~~2~~ ~~00~~

WARNING DEVICES: DATE LAST UPDATED: 860728  
EXISTING PROTECTION: X-BUCK TYPE OF TRAIN DETECTION: UNKNOWN PREEMPTION: N ADVANCE WARNING: N

PHYSICAL DATA: DATE LAST UPDATED: 870904  
R.R. CROSSING ANGLE: 90 DEGREES NO. OF THRU LANES: 02 OTHER LANES: 0 HIGHWAY SPEED: 025 DIST. TO INTERSECT.: 00120  
ACTUAL STOPPING SIGHT DIST.(FT): 160 MIN. CLEAR QUAD. SIGHT DIST.(FT): 050 PARALLEL RD.: OTHER RD T OR + W/IN 200 FT.  
CROSSING CONDITION: FAIR APPROACH CONDITION: LARGE HUMP OR SAG - HAZARDOUS MAINTAINING AGENCY: COUNTY

DEPARTMENT DATA: DATE LAST UPDATED: 890615  
TRAFFIC VOL.(ADT): 000730 AS OF 880817 SCHOOL BUS COUNT: 077 AS OF 1989 PERCENT TRUCKS: 1.10 HAZARDOUS MATLS.: U

*Grady*

SAFETY DATA: DATE LAST UPDATED: 890707  
PRED. ACCID./YEAR: 000.073 SAFETY INDEX: 58.37 RECOMMENDED WARNING DEVICE: FL & G ESTIMATED COST: 0060.0 THOUSAND

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

REVIEW TEAM RECOMMENDATION: *win not gates*

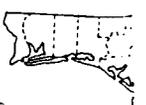
DATE REVIEWED \_\_\_\_\_ BY \_\_\_\_\_

REVIEW TEAM PERSONNEL: D.O.T. RAIL \_\_\_\_\_ D.O.T. SAFETY \_\_\_\_\_ RAILROAD CO. \_\_\_\_\_  
FHWA \_\_\_\_\_ LOCAL \_\_\_\_\_



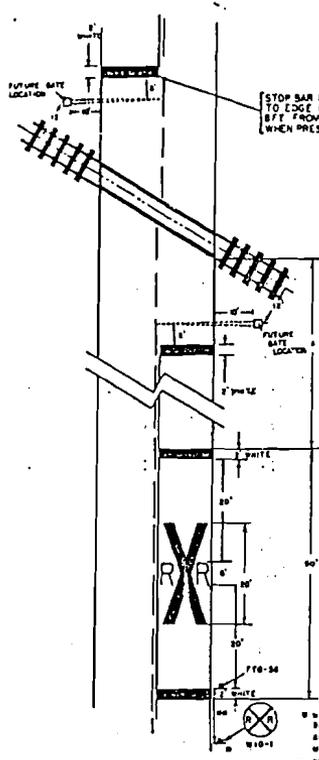
**GENERAL LEGEND**

- |  |  |  |   |  |                                       |
|--|--|--|---|--|---------------------------------------|
|  | ..... HIGHWAY WITH FULL CONTROL OF ACCESS    |  | ..... MARSH                                 |  | ..... HOTEL OR MOTEL                  |
|  | ..... HIGHWAY INTERCHANGE                    |  | ..... SWAMP                                 |  | ..... CHURCH                          |
|  | ..... DIVIDED HIGHWAY                        |  | ..... HIGHWAY BRIDGE                        |  | ..... CEMETERY                        |
|  | ..... HARD SURFACED ROAD                     |  | ..... SMALL BRIDGES CLOSELY SPACED          |  | ..... CHURCH AND CEMETERY             |
|  | ..... SOIL GRAVEL OR SHELL SURFACED ROAD     |  | ..... DRAWBRIDGE                            |  | ..... WEIGHT STATION                  |
|  | ..... GRADED AND DRAINED ROAD                |  | ..... HIGHWAY GRADE SEPARATION              |  | ..... BUSINESS                        |
|  | ..... UNIMPROVED ROAD                        |  | ..... STATE BOUNDARY LINE                   |  | ..... SAWMILL                         |
|  | ..... PRIMITIVE ROAD                         |  | ..... COUNTY BOUNDARY LINE                  |  | ..... GROUP OF STORAGE TANKS          |
|  | ..... PRIVATE ROAD                           |  | ..... CIVIL TOWNSHIP BOUNDARY               |  | ..... DAIRY                           |
|  | ..... STREETS IN INSET OR DELIMITED AREAS    |  | ..... EXTENDED TOWNSHIP LINE (NOT SURVEYED) |  | ..... NURSERY                         |
|  | ..... EXTENSION OF LOCAL ROADS WITHIN CITIES |  | ..... LAND GRANT LINE                       |  | ..... POST OFFICE                     |
|  | ..... FEDERAL AID INTERSTATE HIGHWAY         |  | ..... LAND SECTION LINE                     |  | ..... SCHOOL                          |
|  | ..... FEDERAL AID PRIMARY HIGHWAY            |  | ..... RESERVATION, FOREST OR PARK BOUNDARY  |  | ..... CIVIC OR FRATERNAL BUILDING     |
|  | ..... FEDERAL AID SECONDARY HIGHWAY          |  | ..... LOCATION OF INSET WITHIN MAP          |  | ..... AGRICULTURAL INSPECTION STATION |
|  | ..... STATE FOREST ROAD                      |  | ..... COUNTY SEAT                           |  | ..... LOOKOUT TOWER                   |





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

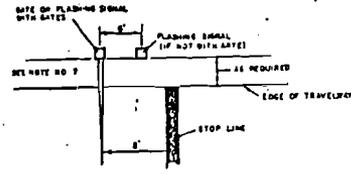


STOP BAR PERPENDICULAR TO EDGE OF TRAVEL WAY OR 8 FT FROM & PARALLEL TO GATE WHEN PRESENT.

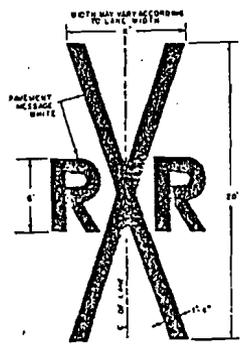
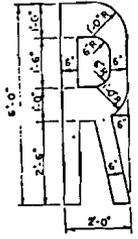
SPEED M.P.H.	"A" IN FT.
55	425
50	350
40	275
30	200
URBAN 50 MIN.	

"A" VALUE IS BASED ON AASHTO M155D

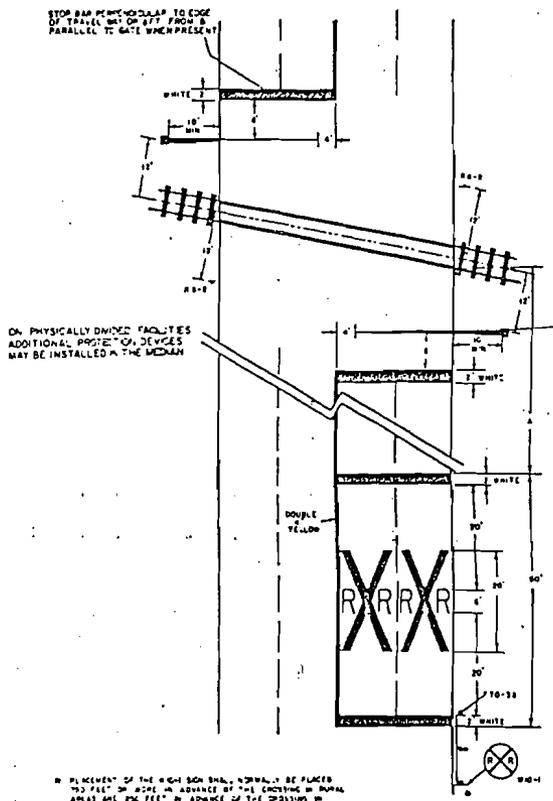
WHERE STREET INTERSECTIONS OCCUR BETWEEN THE R.R. PAVEMENT MESSAGE & THE TRACKS AN ADDITIONAL WIDTH & AN ADDITIONAL PAVEMENT MESSAGE SHOULD BE USED.  
RECOMMENDED LOCATION FOR 170-30 SIGNS 10' URBAN AND 300' RURAL.



RELATIVE LOCATION OF CROSSING TRAFFIC CONTROL DEVICES



### RAILROAD CROSSING AT MULTI-LANE ROADWAY



STOP BAR PERPENDICULAR TO EDGE OF TRAVEL WAY OR 8 FT FROM & PARALLEL TO GATE WHEN PRESENT

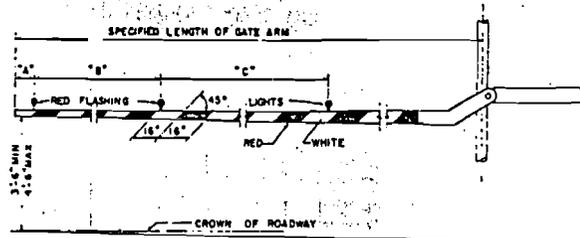
ON PHYSICALLY DIVIDED FACILITIES ADDITIONAL PROTECTION DEVICES MAY BE INSTALLED IN THE MIDDLE

DO NOT STOP ON TRACKS  
RR-2 FOR USE NEAR SIGNALIZED INTERSECTIONS  
RAILROAD PROTECTION DEVICES ARE NOT TO BE LOCATED 10' FROM THE R/W CENTER LINE

PLACEMENT OF THE HIGH SIGN SHALL NORMALLY BE PLACED 100 FEET OR MORE IN ADVANCE OF THE CROSSING IN RURAL AREAS AND 50 FEET IN ADVANCE OF THE CROSSING IN URBAN AREAS EXCEPT THAT IN A RESIDENTIAL OR BUSINESS DISTRICT WHERE LOW SIGNERS ARE PERMITTED THE SIGN MAY BE PLACED AT A MINIMUM DISTANCE OF 50 FEET FROM THE CROSSING IN THESE AREAS. INTERSECTION WITH 120 FEET OR ADDITIONAL SIGNS OF BARS MAY BE PLACED TO MARK THE END OF THE CROSSING FROM EACH DIRECTION. SEE SECTION 1001.  
RECOMMENDED LOCATION FOR 170-30 SIGN 10' URBAN AND 300' RURAL.

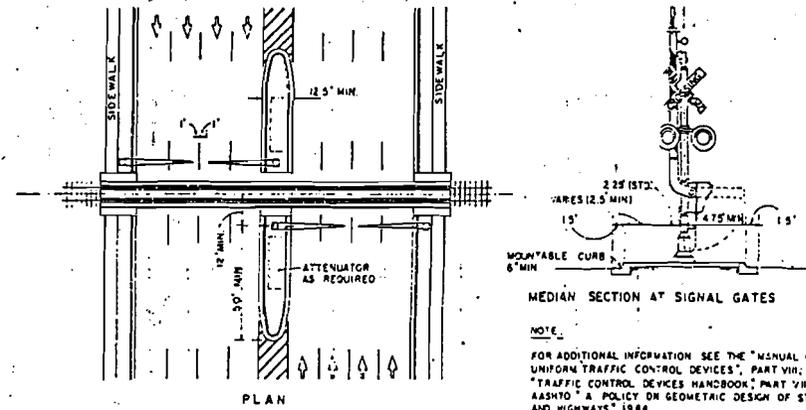
FLORIDA DEPARTMENT OF TRANSPORTATION  
TRAFFIC DESIGN  
RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

DATE	INITIALS	DESCRIPTION	DESIGNED BY	CHECKED BY	DRAWN BY	APPROVED BY
6-1-11		ADDED YELLOW	CHANDLER	JMC	CHANDLER	STATE DESIGN ENGINEER ADW
6-1-11	ARE	STANDARD MESSAGE & HEIGHT 100 170-30	CHANDLER	JMC	CHANDLER	
6-22-11	JMC	REVISED R/R "X" DIMENSIONS	CHANDLER	JMC	CHANDLER	



RAILROAD GATE ARM LIGHT SPACING

SPECIFIED LENGTH OF GATE ARM	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
14 FT.	6"	36"	5'-0"
15 FT.	10"	36"	5'-0"
16-17 FT.	24"	36"	5'-0"
18-19 FT.	28"	41"	5'-0"
20-23 FT.	28"	4'-0"	5'-0"
24-28 FT.	28"	5'-0"	5'-0"
29-31 FT.	36"	6'-0"	6'-0"
32-34 FT.	36"	7'-6"	7'-0"
35-37 FT.	36"	9'-0"	8'-0"
38 AND OVER	36"	10'-0"	10'-0"



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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN			
RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES			
Drawn by	Checked by	Reviewed by	
JT	C. S. 85	<i>[Signature]</i>	
Date	2-26-85	Drawn Date	
Sheet No.	4 of 4	Project No.	17882
F.L.S.S. Approved:			

