

RR King # 620 199-F  
RRMP: SMA 35.30  
WPI # 2128037

SECTION 74000-6915  
STATE ROAD NO. CR 200A  
COUNTY Nassau

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)	

THIS AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, 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

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: \_\_\_\_\_ (SEAL)  
(Title: District Secretary)

ATTEST: \_\_\_\_\_  
Secretary

CSX TRANSPORTATION, INC.

BY: \_\_\_\_\_ (SEAL)  
AS ITS: \_\_\_\_\_

ATTEST: \_\_\_\_\_

Nassau COUNTY, FLORIDA

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

ATTEST: [Signature]

Approved as to Form, Legality  
and Execution

BY: \_\_\_\_\_  
Attorney - DOT Date

Approved as to Funds  
Available

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

Approved as to FHPM  
Requirements

BY: \_\_\_\_\_  
FHWA Date

GRADE CROSSING TRAFFIC CONTROL DEVICES

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

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 Commisssioner 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

ATTEST: [Signature]  
Clerk of the Board of County Commissioners

[Signature]  
Chairman of the Board of County Commissioners

GENERIC INSTALLATION ESTIMATE  
GRADE CROSSING TRAFFIC CONTROL DEVICES

FG-2T

TO: FLORIDA DEPT. OF TRANSPORTATION FOR: TYPE III, CLASS IV SIGNALS  
DOT PROJECT NO. \_\_\_\_\_, X NEW INSTALLATION, \_\_\_\_\_ MODIFICATION  
LOCATION: Yulee, COUNTY Nassau, STATE: FLORIDA  
Road Jurisdiction: County Road Name: CR-200A  
FDOT/AAR Crossing Number: 620 799 E, RR M.P.: SMA 35.30

- I. Preliminary Engineering: \_\_\_\_\_ Company Forces, X Contract \$ 2,400  
II. Construction Supervision: X Company Forces, \_\_\_\_\_ Contract \$ 2,000  
III. Material:

Highway Grade Crossing Signal Assembly . . . . \$ 10,926  
Control Equipment PMD-2 on main Type Con. Truck. <sup>SMA</sup> \$ 24,382  
Field Material . . . . . \$ 11,497  
Material Transportation . . . . . \$ 609  
Material Handling . . 5% . . . . . \$ 2,340  
Material Sales Tax . . . 5% . . . . . \$ 2,340  
Total Material . . . . . \$ 52,094

- IV. Equipment  
Company Owned . . . . . 1.73% . . . . . \$ 195  
Rental . . . . . 337/Day . . . . . \$ 3,030  
Total Equipment . . . . . \$ 3,225

- V. Labor. . . . . 200 Hrs. Shop Wiring. . . .  
Direct Labor . . . 1/6 Man Gang - 58 Man Days. \$ 11,288  
Holidays, Vac., H&W, and Pension .27.79 % . . \$ 3,137  
Payroll Taxes . . . . . .29.14 % . . \$ 3,289  
Insurance . . . . . .10.00 % . . \$ 1,129  
Meals and Lodging . . . . . \$ 2,838  
Total Labor . . . . . \$ 21,681

SUBTOTAL . . \$ 81,400

- VI. Miscellaneous Items:

none \$ \_\_\_\_\_  
\$ \_\_\_\_\_  
\$ \_\_\_\_\_  
\$ \_\_\_\_\_

- VII. Total Estimated Cost (Date 8/21/84) (BY Paul R. Bachhuber) \$ 81,400

- VIII. Submitted By: CSX Transportation  
RR Company

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 cost. This estimate is not valid for lump sum projects.

Revised 8-1-89

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)	

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:
- EXISTING DEVICES: (See Agreement dated 2-27-73)
    - None-New Crossing.
    - XX Crossbuck and Disk.
    - Flashing Signals with Disk.
    - Flashing Signals with Cantilever.
    - Flashing Signals with Gates.
    - Flashing Signals with Cantilever and Gates.
  - PROPOSED DEVICES (Safety Index Rating 393)
    - No revision required.
    - Crossbuck and Disk.
    - Flashing Signals and Disk.
    - Flashing Signals with Cantilever.
    - XX Flashing Signals with Gates.
    - Flashing Signals with Cantilevers and Gates.
    - Relocate existing signal devices:
      - (With-Without) addition of Gates.
      - (With-Without) synchronization with highway traffic signals.
- F. COMMUNICATION AND/OR POWER LINE ADJUSTMENTS:
- N/A By Others ( Company )
  - By Railroad Company.
- G. AUTHORITY REQUESTED: (Draft attached: XX Yes No.)
- XX Agreement (Third Party Participating Nassau County )
  - Supplemental Agreement No.
  - Crossing Permit.
  - Estimate for Change Order No.
  - Letter of Authority.
  - 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
- Synchroniztion: (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)	

COMPANY NAME: CSX Transportation, Inc.A. JOB DESCRIPTION & LOCATION: CR 200A, Yulee, Nassau CountyB. TYPE OF ROADWAY FACILITY: 2 Lane UrbanC. FDOT/AAR XING NO.: 620799-F RR MILE POST TIE: SMA 35.30D. TYPE SIGNALS PROPOSED III CLASS IV DOT INDEX: 17882SCHEDULE OF ANNUAL COST OF AUTOMATIC  
HIGHWAY GRADE CROSSING TRAFFIC CONTROL DEVICESAnnual Maintenance Cost Exclusive of Installation

<u>CLASS</u>	<u>DESCRIPTION</u>	<u>COST*</u>
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.

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: *Yulee* ~~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: 1.40 HAZARDOUS MATLS.: U

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:

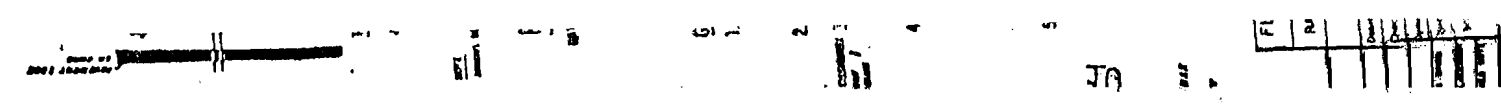
D.O.T. RAIL \_\_\_\_\_

D.O.T. SAFETY \_\_\_\_\_

RAILROAD CO. \_\_\_\_\_

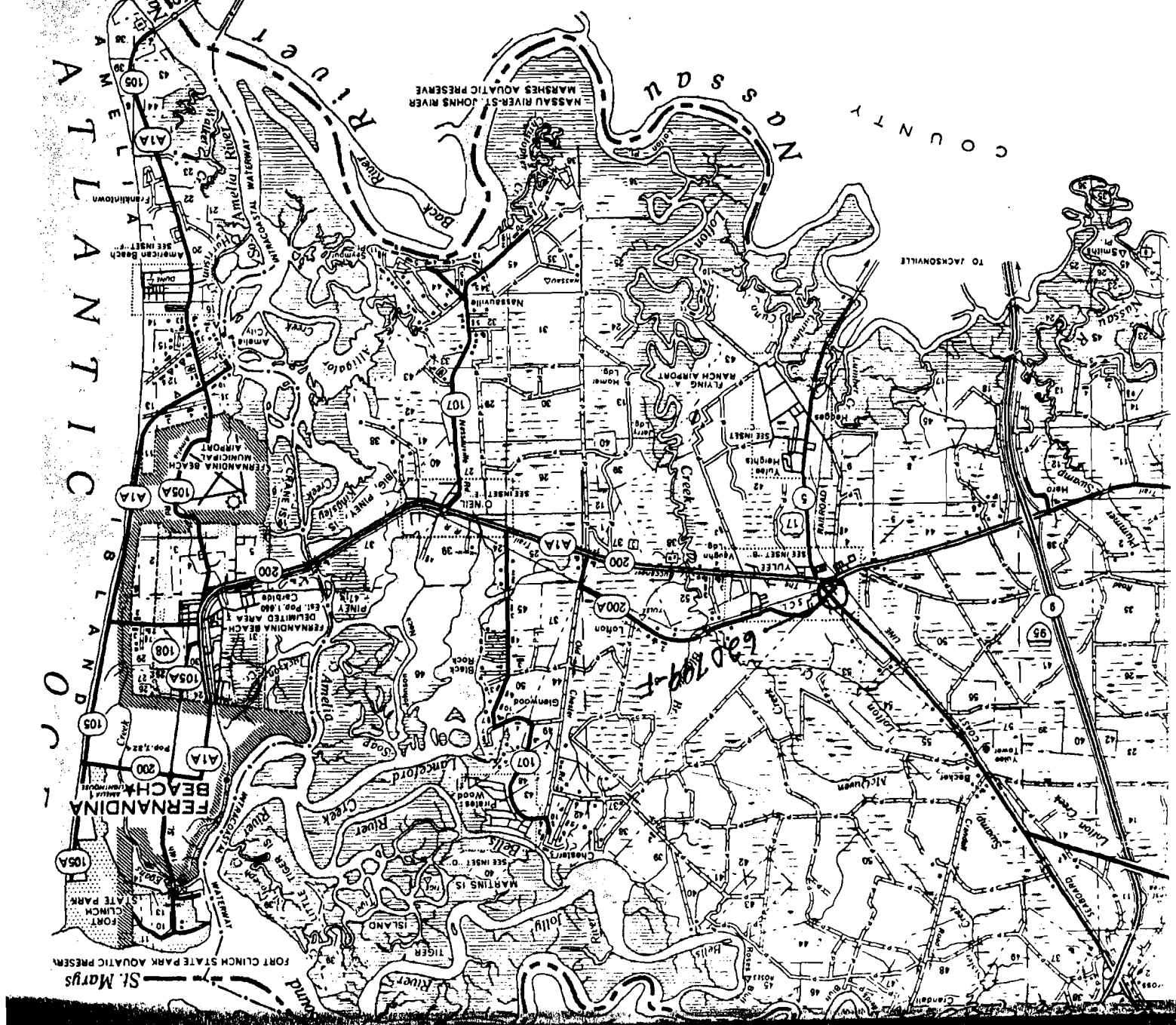
HWA \_\_\_\_\_

LOCAL \_\_\_\_\_



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

GENERAL LEGEND





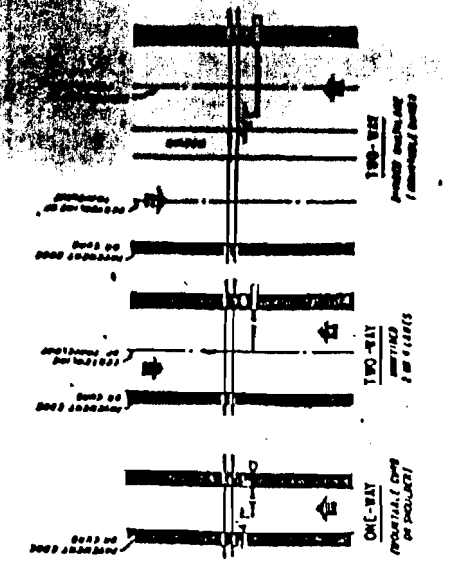
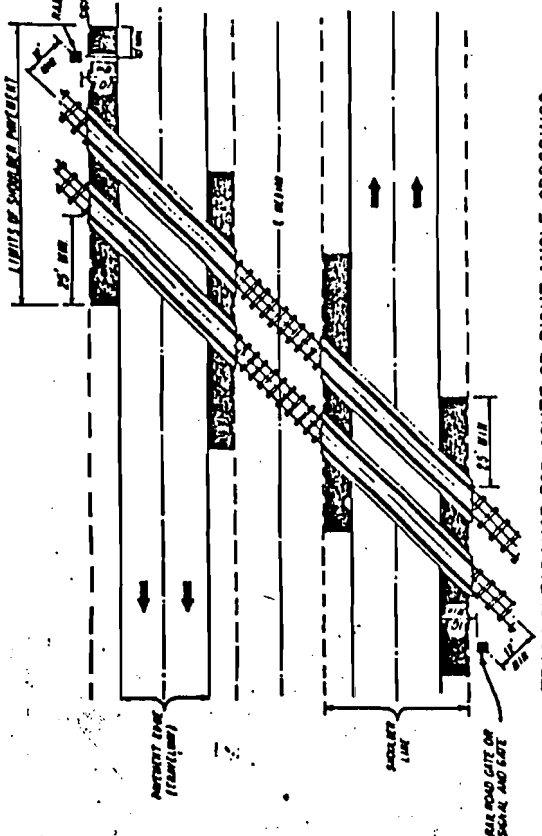


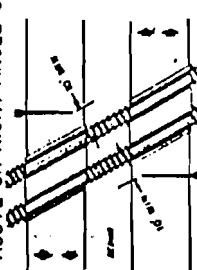
FIGURE 1

**SECRET**

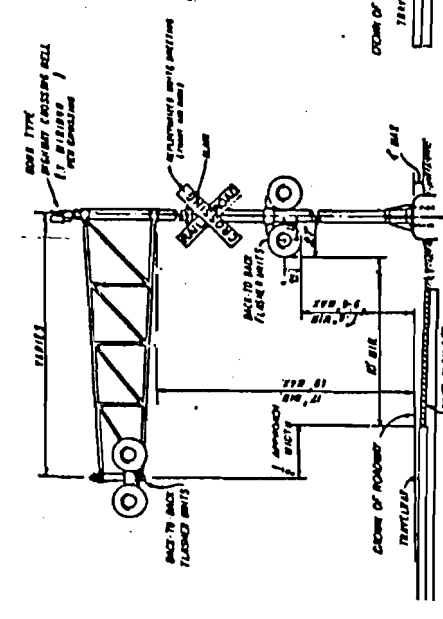


### TRACK CLEARANCE FOR ACUTE OR RIGHT ANGLE CROSSINGS

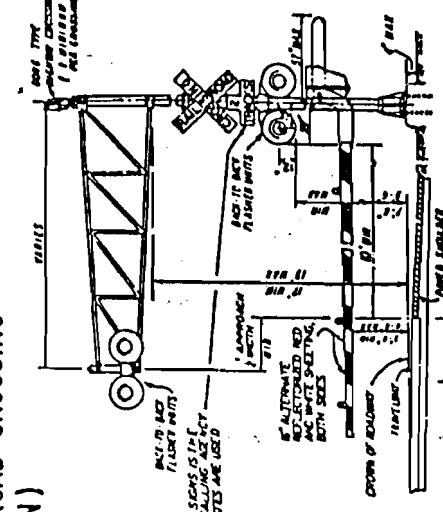
TYPICAL LOCATION PLAN FOR GATE OR  
FLAMING SIGNAL WITH GATE BRICK  
TRACES AND AT DISTANCE ARE:



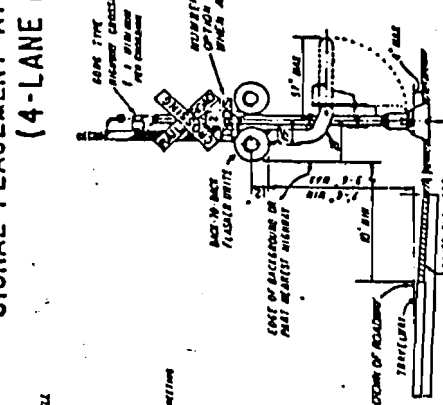
# SIGNAL PLACEMENT AT RAILROAD CROSSING (2-LANE DESIGN)



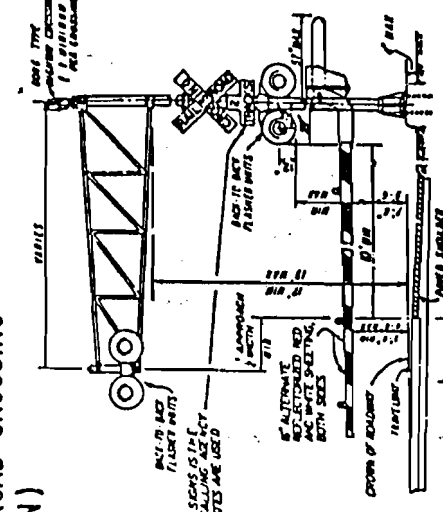
**TYPE I**



## TYPE II



### TYPE III



## TYPE IV

FLORIDA DEPARTMENT OF TRANSPORTATION		TRAFFIC DESIGN		RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES	
	INITIALS	DATES		APPROVED BY: <i>J. M. Bell</i>	
Designed by	CE	4 - 6 - 76		STATE DESIGN ENGINEER - RD-1	
Checked by	RM	6 - 8 - 76			
Quantities by					
Classified by					
Supervised by				DRAWING NO. INDEX NO. 1 of 4 17882	

DATE	INITIALS	DESCRIPTION	REVISIONS
8-1-83	W.W.	ORDERED PURCHASE OF FLEETCARD UNIT	1
8-15-83	J.C.	ADDED ENTRY 800-4 TO MODEL	2
10-19-83	J.C.	REMOVED ENTRY 800-4 TO MODEL REPLACED WITH COMP. FILE	3

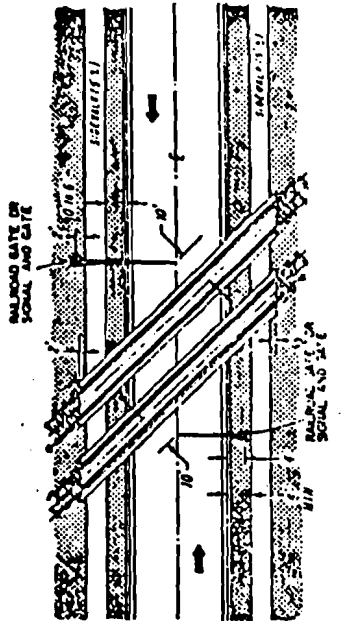
[illegible]

**NOTE:**  
TWO SEPARATE FOUNDATIONS  
MAY BE REQUIRED ONE FOR  
SIGNALS, ONE FOR GATE). DE-  
PENDENT ON TYPE OF EQUIP-  
MENT USED

### GENERAL NOTES

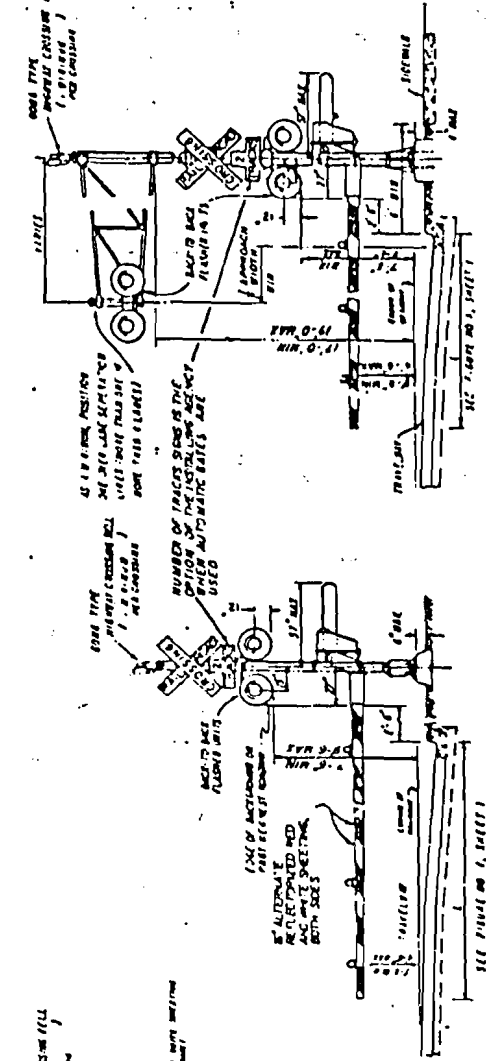
1. NO GUARDRAIL IS PROPOSED FOR SIGNALS; HOWEVER, SOME FORM OF IMPACT ATTENUATION DEVICE MAY BE SPECIFIED FOR CERTAIN LOCATIONS.
2. ADVANCE FLASHERS TO BE INSTALLED WHEN AND IF CALLED FOR IN PLANS OR SPECIFICATIONS.
3. TOP OF FOUNDATION SHALL BE NO GREATER THAN 4' FROM EXISTING GROUND.

- 4. TYPE OF TRAFFIC CONTROL DEVICES
  - I FLASHING SIGNALS
  - II FLASHING SIGNALS WITH CANTILEVER
  - III FLASHING SIGNALS WITH GATE
  - IV FLASHING SIGNALS WITH CANTILEVER & GATE
  - V GATE
- 5. CLASS OF TRAFFIC CONTROL DEVICES
  - I FLASHING SIGNALS-ONE TRACE
  - II FLASHING SIGNALS-MULTIPLE TRACDS
  - III FLASHING SIGNALS AND GATES - ONE TRACE
  - IV FLASHING SIGNALS AND GATES - MULTIPLE TRACES



370N4 35r:16C

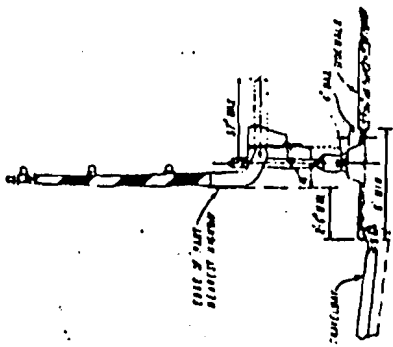
**SIGNAL PLACEMENT AT RAILROAD CROSSING  
(2 LANES, CURB & GUTTER)**



## TYPE II

**TYPE IV**

**TYPE V.**

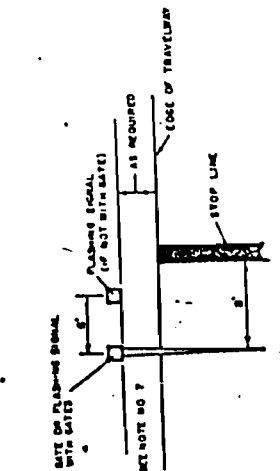
[illegible][illegible][illegible]

0' TO 6' - LOCATE DEVICE OUTSIDE SIDEWALK  
OVER 6' - LOCATE DEVICE BETWEEN FACE OF  
CURB AND SIDEWALK.

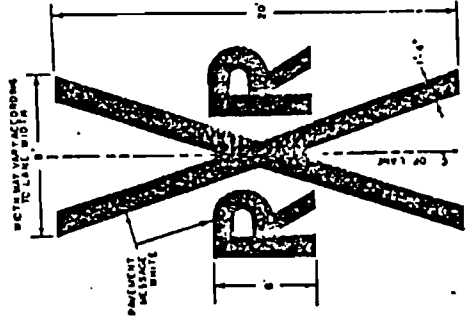
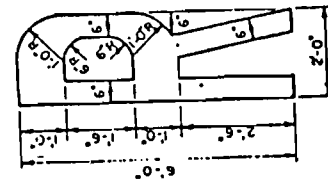
NO STOP LINE TO BE PRESENT ON LINE TO DECK OF BRIDGEWAY.  
APPROX. 15' FROM WEST RAIL. OR SLOWING  
PARALLEL TO GATE WHEN PRESENT

FLORIDA DEPARTMENT OF TRANSPORTATION			
TRAFFIC DESIGN			
RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES			
INITIALS	DATES		
Designed by	6-8-76		
Checked by	AW		
Constructed by			
Checked by			
Submitted by			
Approved by		Agency	State Design Engineer - 1980
		By <i>D. A. Bell</i>	
		DRAWING NO.	INDEX NO.
		2 of 4	17882

[illegible]

RAILROAD CROSSING AT  
TWO (2) - LANE ROADWAY

RELATIVE LOCATION OF CROSSING TRAFFIC  
CONTROL DEVICES



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

2.° VALUE IS BASED ON AASNO MMSDD

W HENCE STREET INTERSECTIONS OCCUR  
BETWEEN THE 2nd PAYMENT MESSAGE & THE TRACKS  
AN ADDITIONAL W/0-1 & AN ADDITIONAL PAYMENT  
MESSAGE SHOULD BE USED.

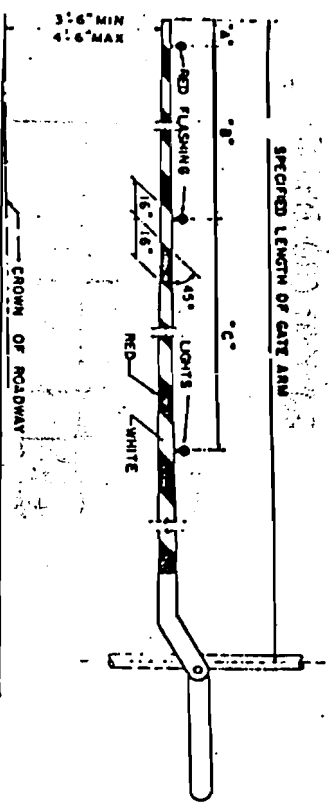
FLORIDA DEPARTMENT OF TRANSPORTATION  
TRAFFIC DESIGN

RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

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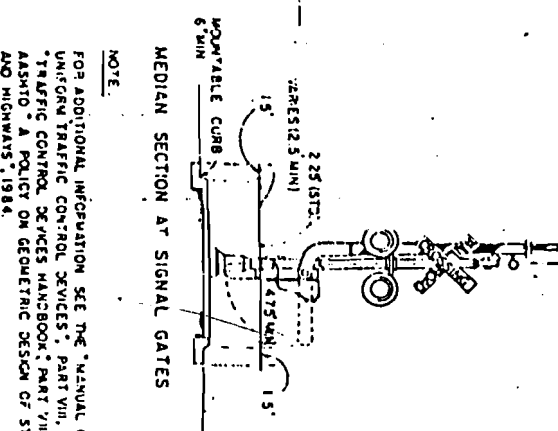
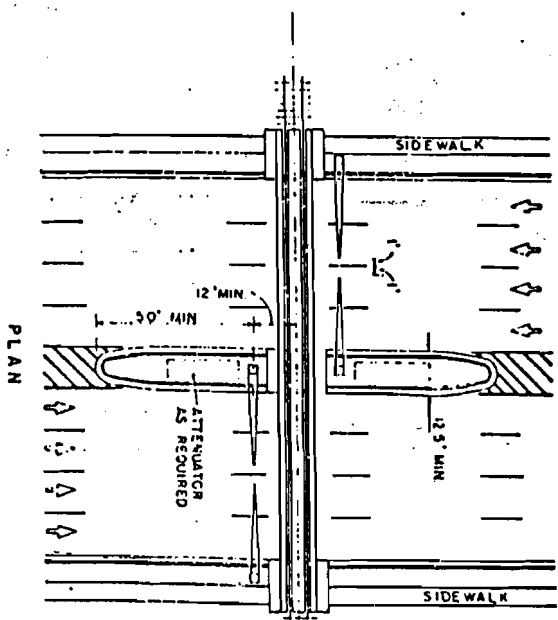
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CHANGING NO	INDEX NO
3 of 4	17882



RAILROAD GATE ARM - LIGHT SPACING

SPECIFIED LENGTH OF GATE ARM	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
4 FT	6"	36"	5'-0"
5 FT	18"	36"	5'-0"
5-17 FT	24"	36"	5'-0"
18-19 FT	28"	41"	5'-0"
20-23 FT	28"	5'-0"	5'-0"
24-28 FT	28"	5'-0"	5'-0"
29-31 FT	36"	6'-0"	6'-0"
32-34 FT	35"	7'-6"	7'-0"
35-37 FT	36"	9'-0"	9'-0"
38 AND OVER	36"	10'-0"	10'-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", 1984.

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
TRAFFIC DESIGN			
RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES			
Project No.	18	Sheet No.	4 of 4
Design No.	18	Approved By	[Signature]
Drawn By	[Signature]	Checked By	[Signature]
Reviewed By	[Signature]	Project No.	18
Project No.	18	Sheet No.	4 of 4
Project No.	18	Sheet No.	4 of 4