

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

216

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6930	Barnwell Road	Nassau	1 (SIG-P)	SP-000S(391)

THIS AGREEMENT, made and entered into this 11th day of October, 19 93, 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 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 Job No. 74000-6930, ~~between~~ ~~and~~, which crosses at grade the right-of-way and tracks of the COMPANY ~~at point~~ ~~feet~~ from the COMPANY'S Milepost SMA 0040.80, FDOT/AAR Crossing Number 620806-N, at or near Yulee, as shown on the DEPARTMENT'S Plan Sheet No. 1, 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 \$ 88,000.00, 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. That each party does hereby indemnify and hold harmless each other from all liability, claims and judgments including attorney's fees arising out of work undertaken by any such party pursuant to this agreement, due to the negligent acts or omissions of their contractors, subcontractors, employees, agents or representatives, respectively, except as otherwise covered by bonds or insurance. This provision is a reciprocal covenant and in the event any portion hereof is found by a court of competent jurisdiction to be unenforceable, then this entire Article C.3. shall thereafter be unenforceable in all respects.

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 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]
(Title: _____)

(SEAL)

ATTEST: Lisa Lambert
Secretary

CSX TRANSPORTATION, INC.

J. R. Clark
Assistant Chief Engineer-Public
Projects & Construction

BY: [Signature]
AS ITS: _____

(SEAL)

ATTEST: [Signature]
Corporate Secretary

NASSAU COUNTY, FLORIDA

BY: [Signature]
(Title: CHAIRMAN)

(SEAL)

ATTEST: [Signature] by [Signature]
Deputy Clerk

Approved as to Form, Legality
and Execution

Approved as to Funds
Available

Approved as to FHPM
Requirements

BY: [Signature] 8-17-93
Attorney - DOT Date

BY: [Signature] 8/9/93
Fiscal-DOT Date
See attached encumbrance
form

BY: [Signature] Exempt from FNWA
Project Review
FHWA Date

=====

ENCUMBRANCE INPUT FORM

=====

RUSH _____ (Needed by ___/___/___ (date))

IØ

Reason for RUSH : _____
 _____ Advertise _____ (Letting Date) _____ Award _____ Renewal _____
 Letter of Authorization New _____ Court Order _____ Overrun _____
 Supplemental _____ Correction _____ Addition _____ Termination Agmt. _____

IØ

Contract # AA466 Contract Type aa Method of Procurement r
 Vendor Name csx transportation, inc Vendor ID VF 621 051 971 001
 Has Written/Verbal Approval from a Participating Federal Agency
 been received Yes _____ No _____ Fed
 Agmt Amt \$79,200.00 State Funds \$8,800.00 Local Funds _____

IØ

Beginning date of this Agmt: 9-10-93 (Must be after fund approval)
 Ending date of this Agmt: 9-10-95 Estimate if necessary)
 Execution date of this Agmt: ___/___/___ (Only on original agreements)
 Has work been authorized to begin? _____ Yes No _____ Have
 standard financial provisions been altered by contract terms? _____
 Yes 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 No _____ If
 so, has the JPA been approved by the COMPTROLLER? _____ Yes _____ No _____

 Brief description of work: csx transportation to install
Type iii Class Iii Signals at Barnwell Road, Nassau county, fla.
Crossing No. 620806-n, 92/93 Rail-Highway Crossing program

IØ

 ORG-CODE *EO * OBJECT * AMOUNT * CO/SEC/JOB#/PH *FCT
 (PROGRAM#) (WPI #) (FUND) numeric
 (FY's) To be completed if funded in 2 or more fiscal years.
 =====

IØ

55024010206 *11 *563008 \$88,000.00 *74000-6930-49 *127

IØ

(3005) (2128036) (100)

IØ

IØ

Originator: Lillian G. Porter Date: 8/06/93, Phone 824-8751
E-mail user ID pt227lp

TO BE COMPLETED BY OFFICE OF COMPTROLLER

BUDGET ENTITY 5590 CATEGORY 088796-94

WORK ORDER BALANCE Authorized on 08/04/93=88,000.00

ALLOTMENT Ab=1,484,876.00 YEAR 94 DATE CHECKED 08/06/93

IØ

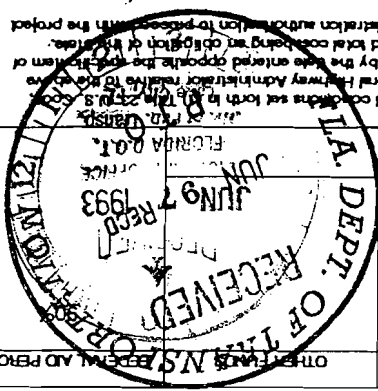
FUNDS APPROVED BY Marsha Johnson DATE 08/09/93

IØ

JUN 0 1 1993
 FOR THE DIVISION ADMINISTRATOR
 FEDERAL HIGHWAY ADMINISTRATION
 U.S. DEPARTMENT OF TRANSPORTATION
 J.P.
 CA
 SM
 JR
 IF

By *Charles T. Farcion*
 Federal Aid Programs Manager
 (Title)
 30000-6907
 74000-6930
 74000-6931
 74000-6932
 74000-6947
 26000-6954
 34000-6904
 Date: MAY 20 1993
 CC: Dist. 1, 2, 3

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 on the following pages:
 The State, through its Highway Agency, having complied or hereby agreeing to comply, with the applicable terms and conditions set forth in 23 U.S.C. 109(b)(2) and (c), and the Federal Highway Administration having authorized certain work to proceed as evidenced by the State's request for funding, the Federal Highway Administration is obligated to proceed with the project involving such costs.
 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. Federal funds are obligated for the project not to exceed the amount shown hereon, the balance of the estimated total cost of the project, including the obligation of the State.



APPR. CODE	TOTAL PROJECT COSTS	FEDERAL AID ELEGIBLE COSTS	FEDERAL FUNDS	STATE FUNDS	OTHER FUNDS AND PERCENT
3M	\$2,841,000	\$2,841,000	\$2,556,900	\$284,100	
TOTAL	\$2,841,000	\$2,841,000	\$2,556,900	\$284,100	

5/26/93

FUNDS (DOLLARS)

AMENDMENT BEING PROCESSED	PAGE NO.	NO.	CEI	P.E.	Construction
13570-6901	09600-6901	12670-6913	284,100.00	127,845.00	\$2,429,055.00
16570-6904	12670-6913	12014-6901			
91530-6907	12014-6901	17007-6901			
91530-6908	17007-6901				

5/26/93
 Funds Available
 46000-6924
 48000-6982
 55000-6941
 55000-6942
 57000-6928
 50000-6929
 52040-6901
 54000-6912
 State will code?
 Dist. 3

REMARKS:

PHASE OF WORK	APPROVAL AND/OR AUTHORIZATION	EFFECTIVE DATE OF AUTHORIZATION	APPROX. LENGTH (MILES)
HIGHWAY PLANNING AND RESEARCH (HPR)	BY: <i>McIntire</i>		
PRELIMINARY ENGINEERING For Railroad	BY: <i>McIntire</i>	MAY 20 1993	
ACQUISITION OF RIGHT OF WAY	BY: <i>McIntire</i>		
CONSTRUCTION (Advance for receipt of bids) If Needed	BY: <i>McIntire</i>	MAY 20 1993	
UTILITIES	BY: <i>McIntire</i>		
OTHER(S) (Specify) Statewide Rail-Hwy. Crossing Pgm For Account	BY: <i>McIntire</i>	MAY 20 1993	

CHARACTER OF PROPOSED WORK: Rail-Highway Grade Crossing Safety Improvements Flashing Lights, Bells, Gates, Reworking Crossings as needed

PROJECT TERMINI: Various

STATE ROAD NO. 1993/94

FED. ROUTE NO. 1993/94

U.S. Department of Transportation
 Federal Highway Administration

LETTER OF APPROVAL AND/OR AUTHORIZATION AND FEDERAL AID PROJECT AGREEMENT

STATE: FLORIDA
 COUNTY: Statewide
 PROJECT NUMBER: SP-0005(391)
 FUNCTIONAL CLASSIFICATION: NON-NRHS

McIntire

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

FORM 725-090-09-a
 REPLACES 841-33
 01/90
 PAGE 1 of 1

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6930	Barnwell Road	Nassau	1 (SIG-P)	SP-000S (391)

RAILROAD COMPANY

CSX Transportation, Inc.

A. JOB DESCRIPTION & LOCATION: Barnwell Road, Nassau County

B. TYPE OF ROADWAY FACILITY: two Lane rural highway

C. FDOT/AAR XING NO. 620806-N RR MILE POST TIE: 0040.80

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

E. STATUS AND PROPOSAL:

1. EXISTING DEVICES: (See Agreement dated None of 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 _____)

- 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. NA 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: Nassau County to install RR Pavement Symbols, Stop Bars and extend pipe in SE quadrant a minimum of 16' and to furnish approximately 30 cubic yards of full dirt.

Negotiations to be completed by: September 30, 1993

Signal installation target date: June 30, 1994

Synchronization: (Draft attached Yes No)

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

FORM 725-090-41-b
RAIL
03/91

COUNTY	SECTION	JOB NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
74	000	6930	Barnwell Road	Nassau	1 (SIG-P)	SP-000S (391)

COMPANY NAME: CSX Transportation, Inc.

A. JOB DESCRIPTION & LOCATION: Barnwell Road, Nassau County

B. TYPE OF ROADWAY FACILITY: Two Lane rural highway

C. FDOT/AAR XING NO.: 620806-N RR MILE POST TIE: 0040.80

D. 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	\$1,404.00
II	Flashing Signals - Multiple Tracks	\$1,858.00
III	Flashing Signals and Gates - One Track	\$2,117.00
IV	Flashing Signals and Gates - Multiple Tracks	\$2657.00

*Effective July 1, 1991

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

EFFECTIVE DATE: July 1, 1991

GENERAL AUTHORITY: 334.044 F.S.

SPECIFIC LAW IMPLEMENTED: 335.141 F.S.

COUNTY 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	6930	Barnwell Road	Nassau	1(SIG-P)	

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. 93-114

ON MOTION OF Commissioner Crawford, seconded by Commissioner Higginbotham, District 1, 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;

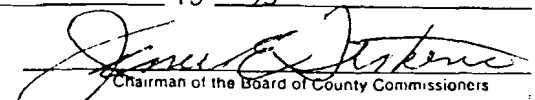
That Nassau County enter into a RAILROAD REIMBURSEMENT AGREEMENT with the State of Florida Department of Transportation and the CSX Transportation Company for the installation and maintenance of certain grade crossing traffic control devices designated as Job No. 74000-6930 on Barnwell Road which crosses the right of way and tracks of the Company at FDOT/AAR Crossing No. 620806-N located near O'Neal, 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

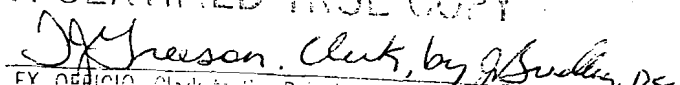
That the Chairman and Clerk of the Board of County Commissioners be authorized to enter into such agreements with the State of Florida Department of Transportation and the CSX Trans. Company as herein described; and

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 14th day of June 19 93


Chairman of the Board of County Commissioners

ATTEST: 
Clerk of the Board of County Commissioners

A CERTIFIED TRUE COPY

Clerk, by J. Budler, Jr.

8/03/92

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

PAGE 1

PROJECT NO. _____

W.P.A. NO. _____

CROSSING NO.: 620806-N PRIORITY NO.: 1443 COUNTY: NASSAU CITY: ~~CALLAHAN~~ YULEE RDWY: BARNWELL RD.

CLASSIFICATION/LOCATION: DATE LAST UPDATED: 900625

R.R. CO.: CSX SYSTEMS R.R. BRANCH: SMA STATION: CALLAHAN R.R. MILEPOST: 0040.80
R.R. CROSSING STATUS: OPEN AS OF 831115 PROPOSED STATUS: NO USE, OPEN

RAIL OPERATIONS: DATE LAST UPDATED: 860630

TRAIN MOVEMENTS: 04 PER DA MAXIMUM TRAIN SPEED: 035 EFFECTIVE: 831115 NO. OF MAIN TRACKS: 1 OTHER TRACKS: 00

WARNING DEVICES: DATE LAST UPDATED: 900619

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

PHYSICAL DATA: DATE LAST UPDATED: 900625

R.R. CROSSING ANGLE: 70-79 DEGREES NO. OF THRU LANES: 02 OTHER LANES: 0 HIGHWAY SPEED: 030 DIST. TO INTERSECT.: 00000
ACTUAL STOPPING SIGHT DIST. (FT): 200 MIN. CLEAR QUAD. SIGHT DIST. (FT): 030 PARALLEL RD.: NONE OR MINOR ROAD PARALLEL
CROSSING CONDITION: FAIR APPROACH CONDITION: ROUGH TRANSITION OR CROSSING MAINTAINING AGENCY: COUNTY

DEPARTMENT DATA: DATE LAST UPDATED: 911029

TRAFFIC VOL. (ADT): 001058 AS OF 910807 SCHOOL BUS COUNT: 006 AS OF 1990 PERCENT TRUCKS: 1.20 HAZARDOUS MATLS.: U

SAFETY DATA: DATE LAST UPDATED: 920706

PRED. ACCID./YEAR: 000.026 SAFETY INDEX: 63.67 RECOMMENDED WARNING DEVICE: FL ESTIMATED COST: 0036.0 THOUSAND

DESCRIPTION OF SITE/INSTALLATION CONFLICTS: _____

REVIEW TEAM RECOMMENDATION: CSX TO INSTALL FLASHING LIGHTS AND GATES.

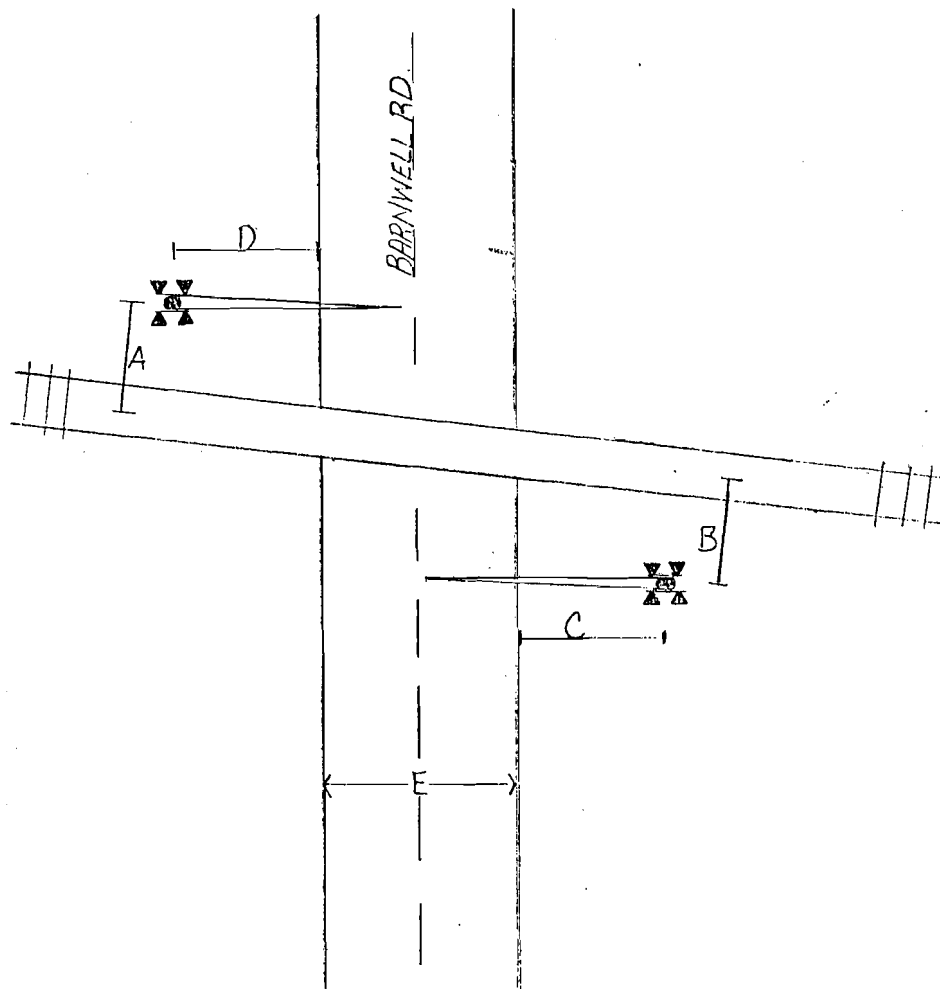
DATE REVIEWED 8-27-92 BY DONNA WHITNEY

REVIEW TEAM PERSONNEL: D.O.T. RAIL JIMMY KEEN D.O.T. SAFETY BASIL MCKNIGHT RAILROAD CO. MEL McNICHOLES, CSX
FHWA _____ LOCAL BILL LECHER, CO. ENGINEER WARREN HOLLINGSWORTH RAILBUREAU-JOHN ROBERTSON
JAX CONSTR- BILL BREWER EARL HODGES HENRY PELT

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

PROJECT NO. _____
W.P.I. NO. _____
FAP NO. _____

A. 12'
B. 12'
C. 14'6"
D. 14'6"
E. 20'



REMARKS: EXISTING: CROSSBUCKS, ADVANCED
WARNING SIGNS.

RECOMMENDED: NASSAU COUNTY TO INSTALL
RR PAVEMENT SYMBOLS, STOP BARS AND
EXTEND PIPE IN SE QUADRANT A MINIMUM
OF 16'. COUNTY ALSO TO FURNISH APPROXI-
MATELY 30 CU. YDS OF FILL DIRT. CSX
TO INSTALL FLASHING LIGHTS AND GATES.

FLORIDA DEPARTMENT OF TRANSPORTATION
RAIL-HIGHWAY GRADE CROSSING IMPROVEMENT

CROSSING NO. 620806-N COMPANY CSX
TYPE: III CLASS: III
LOCATION: BARNWELL RD.
DRAWN BY: D. WHITNEY DATE: 8-27-92

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

NOT TO SCALE

GENERIC INSTALLATION ESTIMATE GRADE CROSSING TRAFFIC CONTROL DEVICES

FG-II

County to install / and or extend culvert

TO: FLORIDA DEPARTMENT OF TRANSPORTATION FOR: TYPE III, CLASS III SIGNALS
DOT PROJECT NO. _____, NEW INSTALLATION X MODIFICATION _____
LOCATION: Yulee, COUNTY Nassau STATE: FLORIDA
Road Jurisdiction: County, Road Name: Barnwell Rd.
FDOT/AAR Crossing No.: 620 806 11, Railroad Milepost: SMA-40.80

I. Preliminary Engineering: _____ Company Forces: X Contract \$ 2,340
II. Construction Supervision: X Company Forces: _____ Contract \$ 2,340

III. Material:

Highway Grade Crossing Signal Assembly \$ 12,800
Control Equipment PMD \$ 19,400
Field Material \$ 11,600
Material Transportation \$ 724
Material Handling 20% \$ 8,904
Material Sales Tax 6% \$ 2,672
Total Material \$ 56,100

IV. Equipment

Company Owned \$ 161
Rental 402/Day \$ 3,473
Total Equipment \$ 3,634

V. Labor 150 Hours Shop Wiring

Direct Labor: 1/6 Man Gang 52 Man Days \$ 11,214
Holidays, Vacation, H&W, Pension 39.79% \$ 4,462
Payroll Taxes 39.14% \$ 3,490
Insurance 12.00% \$ 1,346
Meals and Lodging \$ 3,074
Total Labor \$ 28,513

SUBTOTAL \$ 88,000

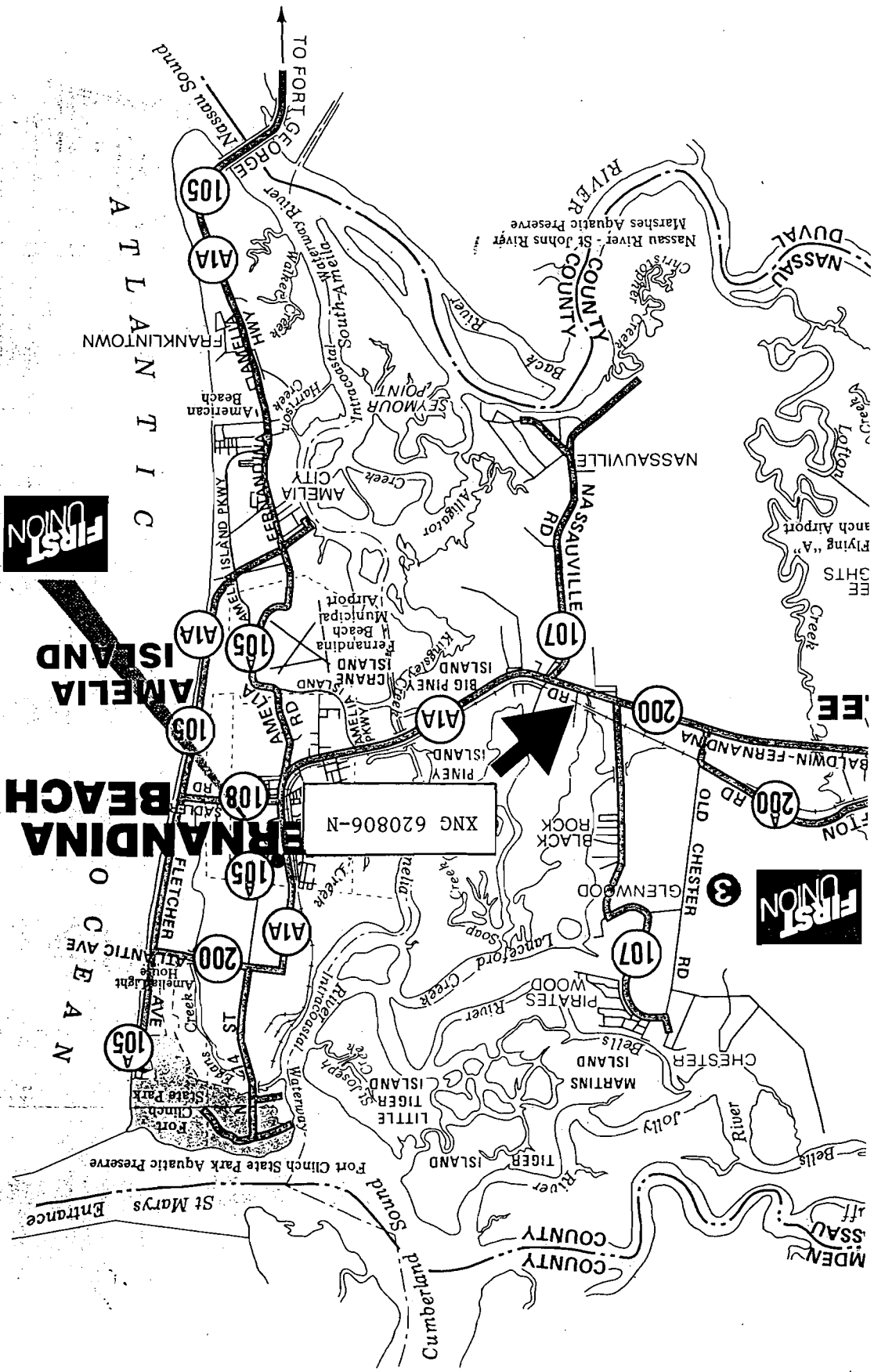
VI. Miscellaneous Items:

NONE \$ 0

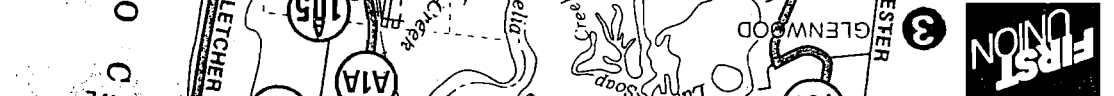
VII. Total Estimated Cost (Date 8/27/92) (By J.P. [Signature]) \$ 88,000

VIII. Submitted By: CSX Transportation
Railroad 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.



4



3

AMELIA ISLAND
 ERNANDINA BEACH

ATLANTIC OCEAN

TO FORT GEORGE

CLAY COUNTY

PIRATES ISLAND

MARTINS ISLAND

TIGER ISLAND

LITTLE TIGER ISLAND

AMELIA ISLAND

CRANE ISLAND

FERNANDINA BEACH

AMERICAN BEACH

SEYMOUR POINT

AMELIA CITY

FRANKLINTOWN

NASSAUVILLE

BACK RIVER

ST. JOHNS RIVER

JOLLY RIVER

AMELIA RIVER

WATERWAY

LANCET FORD CREEK

SOAP CREEK

PIRATES RIVER

PIRATES WOOD

BLACK ROCK

GLENWOOD

OLD CHESTER RD

RD 200

RD 107

RD 108

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

RD 105

PLEASE REFERENCE THIS SHEET FOR STANDARD SYMBOL SHEET AND DIMENSIONAL FILE.

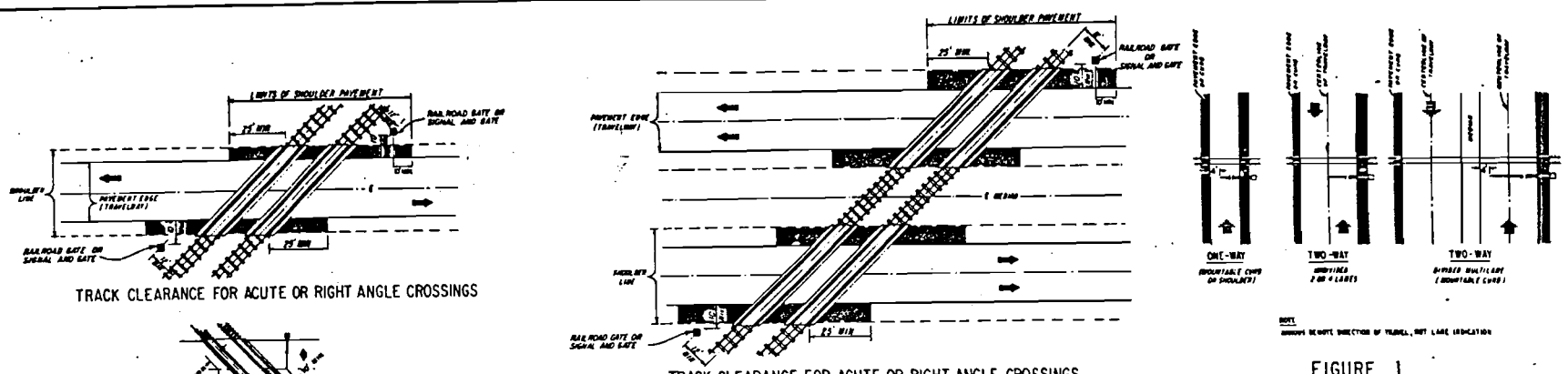
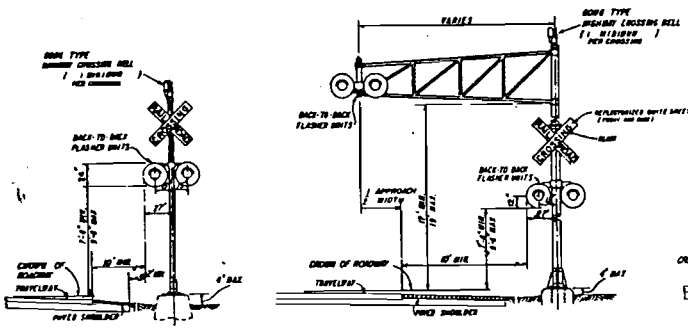


FIGURE 1
GATE LENGTH REQUIREMENTS

- 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 GREATER THAN 4" ABOVE FINISHED SHOULDER GRADE.
 - TYPE OF TRAFFIC CONTROL DEVICES**
 - FLASHING SIGNALS
 - FLASHING SIGNALS WITH CANTILEVER
 - FLASHING SIGNALS WITH GATE
 - FLASHING SIGNALS WITH CANTILEVER & 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

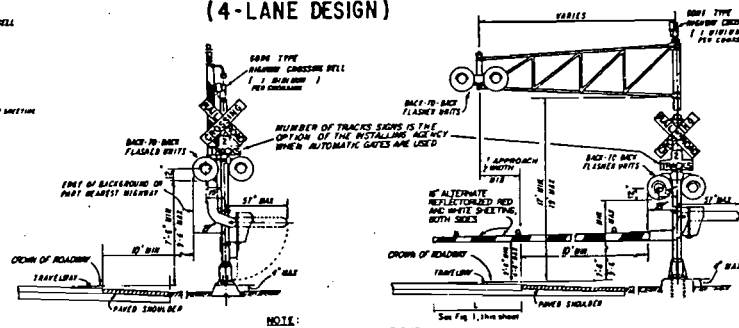
SIGNAL PLACEMENT AT RAILROAD CROSSING (2-LANE DESIGN)



TYPE I

TYPE II

SIGNAL PLACEMENT AT RAILROAD CROSSING (4-LANE DESIGN)



TYPE III

TYPE IV

NOTE: TWO SEPARATE FOUNDATIONS MAY BE REQUIRED FOR SIGNALS, ONE FOR GATE, DEPENDING ON TYPE OF EQUIPMENT USED.

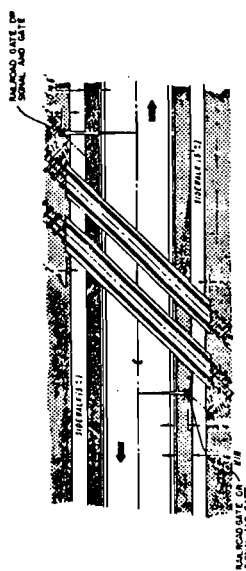
REVISIONS			REVISIONS		
DATE	INITIALS	DESCRIPTION	DATE	INITIALS	DESCRIPTION
9-7-88	LW	CHANGED DIMENSIONS OF FLASHER UNITS	11-9-77	J.J.	ADDED ONE TYPE SIGNAL CROSSING BELL
10-15-85	J.G.	ADDED SHEET 4 OF 4 TO INDEX	8-27-76	J.G.	REVISED UNITS, ADDED WITH 1/2 IN. OF TRACK
10-15-85	J.G.	DELETE COPY 1 OF 4 TO '05' UNDESIGNABLE COPY, 214.1.			ACTIVE TYPE BELL WHEN TOTAL PLACEMENT IS APPROXIMATELY 15'

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

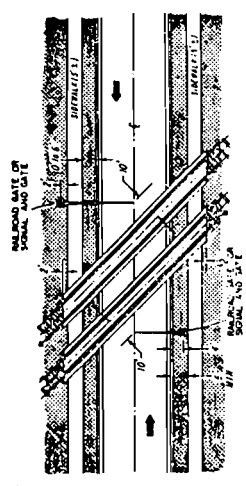
INITIALS	DATE
CG	4-8-76
RM	4-8-76

Approved: *J. G. ...*
STATE DESIGN ENGINEER - ROWY

DRAWING NO. INDEX NO.
1 4 17000



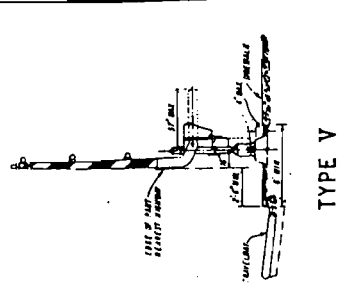
ACUTE ANGLE (AND RIGHT ANGLE)
 SIGNAL PLACEMENT AT RAILROAD CROSSING
 (2 LANES, CURB & GUTTER)



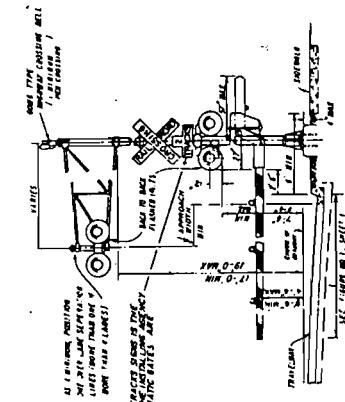
OBTUSE ANGLE
 SIGNAL PLACEMENT AT RAILROAD CROSSING
 (2 LANES, CURB & GUTTER)

GENERAL NOTES

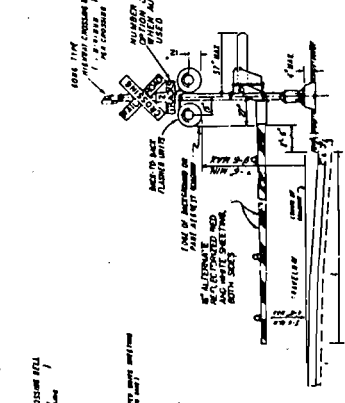
- THE LOCATION OF FLASHING SIGNALS AND STOP SIGNS SHALL BE ESTABLISHED BASED ON FUTURE (OR PRESENT) INSTALLATION OF GATES & APPROPRIATE TRAFFIC CLEARANCES.
- MAKE PROVISION FOR RAILROAD TRAFFIC CONTROL DEVICES TO BE LOCATED WITHIN THE APPROVED MEDIUM WIDTH SIGNALING DISTANCE.
- LOCATIONS FOR RAILROAD TRAFFIC CONTROL DEVICES SHALL BE THE DISTANCE AVAILABLE BETWEEN FACE OF CURB & SIDEWALK.
- LOCATE DEVICE OUTSIDE SIDEWALK.
- LOCATE DEVICE BETWEEN FACE OF CURB AND SIDEWALK.
- STOP SIGNS TO BE PERPENDICULAR TO EDGE OF ROADWAY, APPROX. 5' FROM NEAREST SIGNAL OR STOP SIGN AND PARALLEL TO GATE WHEN PRESENT.



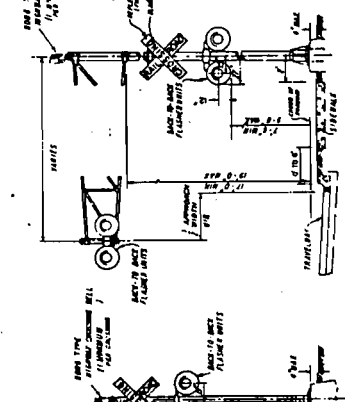
TYPE V



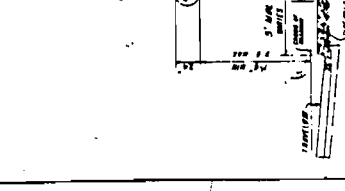
TYPE IV



TYPE III



TYPE II



TYPE I

FLORIDA DEPARTMENT OF TRANSPORTATION
 TRAFFIC DESIGN

INITIALS	DATES
CS	4-8-76
EW	4-8-76

Approved by: *[Signature]*
 Checked by: *[Signature]*
 STATE DESIGN ENGINEER - PDOT

REVISIONS

DATE	INITIALS	DESCRIPTION
7-13-77	J.E.	ADDED SIGNAL HEAD TO SIGNAL
11-9-77	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL

REVISIONS

DATE	INITIALS	DESCRIPTION
7-13-77	J.E.	ADDED SIGNAL HEAD TO SIGNAL
11-9-77	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL

REVISIONS

DATE	INITIALS	DESCRIPTION
7-13-77	J.E.	ADDED SIGNAL HEAD TO SIGNAL
11-9-77	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL

REVISIONS

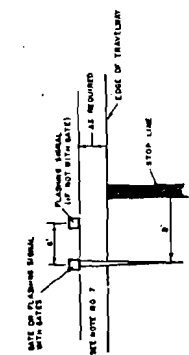
DATE	INITIALS	DESCRIPTION
7-13-77	J.E.	ADDED SIGNAL HEAD TO SIGNAL
11-9-77	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL

REVISIONS

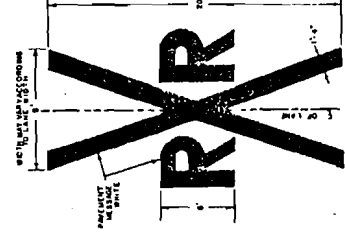
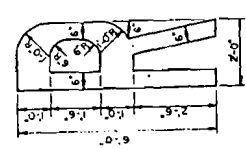
DATE	INITIALS	DESCRIPTION
7-13-77	J.E.	ADDED SIGNAL HEAD TO SIGNAL
11-9-77	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL
8-17-78	J.E.	CHANGED SIGNAL HEAD TO SIGNAL

DRAWING NO. 2 OF 4
 INDEX NO. 17882

RAILROAD CROSSING AT
TWO (2) - LANE ROADWAY



RELATIVE LOCATION OF CROSSING TRAFFIC CONTROL DEVICES

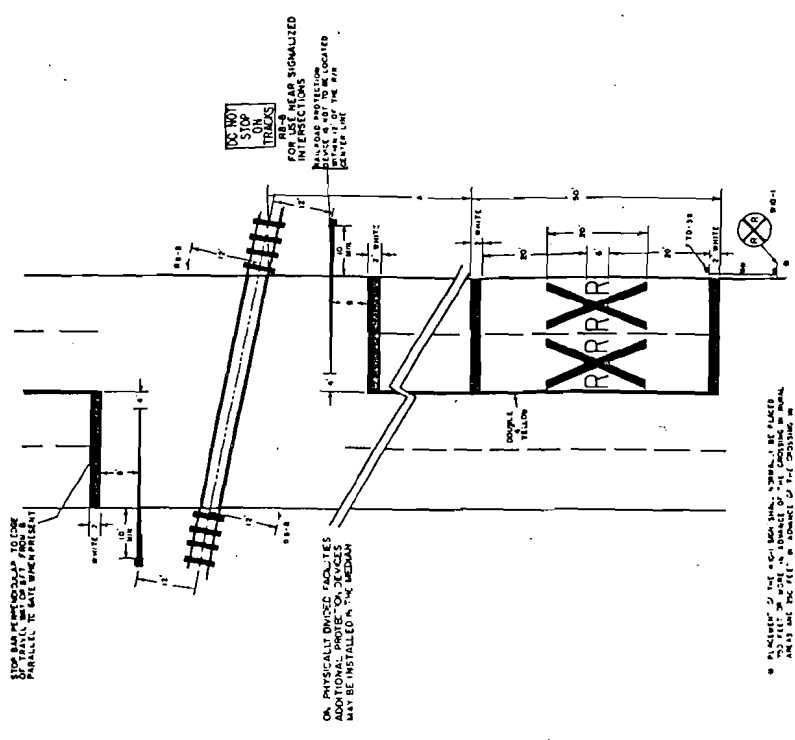


SPEED M.P.H.	"A" IN FT.
55	425
50	350
40	275
30	200
URBAN 150 MIN	

* "A" VALUE IS BASED ON 4.5:1 TO 5:1 MIN. TO 1:1

WHERE STREET INTERSECTIONS OCCUR BETWEEN THE "X" PAYMENT MESSAGE & THE TRACKS AN ADDITIONAL 5'-0" IS AN ADDITIONAL PAYMENT RECOMMENDED LOCATION FOR 470-38 BARS 100' URBAN AND 100' RURAL.

RAILROAD CROSSING AT
MULTI-LANE ROADWAY



PLACEMENT OF THE "X" OR "RR" SYMBOLS SHOULD BE PLACED AS SHOWN IN THE DRAWING. THE "X" OR "RR" SYMBOLS SHOULD BE PLACED IN THE CENTER OF THE CROSSING IN RURAL AREAS AND NEAR THE APPROACH TO THE CROSSING IN URBAN AREAS. THE "X" OR "RR" SYMBOLS SHOULD BE PLACED IN THE CENTER OF THE CROSSING IN URBAN AREAS AND NEAR THE APPROACH TO THE CROSSING IN RURAL AREAS. THE "X" OR "RR" SYMBOLS SHOULD BE PLACED IN THE CENTER OF THE CROSSING IN URBAN AREAS AND NEAR THE APPROACH TO THE CROSSING IN RURAL AREAS. THE "X" OR "RR" SYMBOLS SHOULD BE PLACED IN THE CENTER OF THE CROSSING IN URBAN AREAS AND NEAR THE APPROACH TO THE CROSSING IN RURAL AREAS.

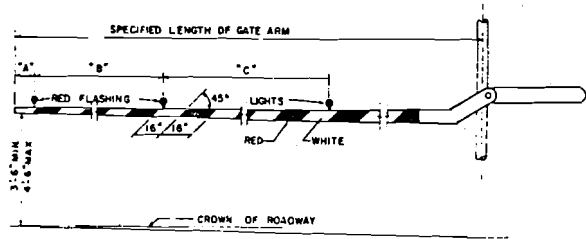
FLORIDA DEPARTMENT OF TRANSPORTATION
TRAFFIC DESIGN

RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

DATE	INITIALS	DESCRIPTION	INITIALS	DATE

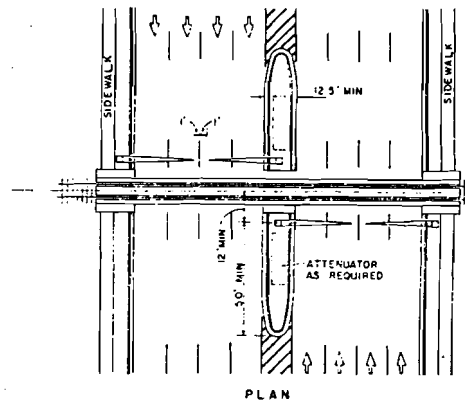
APPROVED BY: [Signature]
STATE DESIGN ENGINEER-AD-7

DRAWING NO. 3 OF 4 INDEX NO. 17862

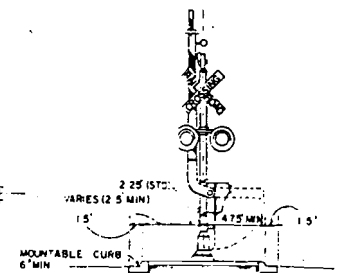


RAILROAD GATE ARM LIGHT SPACING

SPECIFIED LENGTH OF GATE ARM	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
14 FT	6"	36"	5'-0"
15 FT	18"	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"	9'-0"
38 AND OVER	36"	10'-0"	10'-0"



PLAN



MEDIAN SECTION AT SIGNAL GATES

NOTE
 FOR ADDITIONAL INFORMATION SEE THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", PART VII; THE "TRAFFIC CONTROL DEVICES HANDBOOK", PART VII; 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, 45MPH OR LESS)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN			
RAILROAD-GRADE CROSSING TRAFFIC CONTROL DEVICES			
Design by	J.E.	Date	C-3-85
Drawn by	J.E.	Date	C-9-85
Checked by		Date	
F.H.W.A. Approved:			4 OF 4 17882