

Florida



Department of Transportation

BOB GRAHAM  
GOVERNOR

THOMAS E. DRAWDY-  
SECRETARY

P.O. Box 1089  
Lake City, Florida 32056-1089  
April 25, 1986

Mr. R. E. Frame  
Chief Engineering Officer  
Seaboard System Railroad, Inc.  
P.O. Box 45052  
Jacksonville, Florida 32202

Dear Sir:

Subject: WPI No. 2128020, FAP No. RRS-000S(254)  
Section 74000-6923, S.R. (CR 200-A)  
Nassau County, Parcel 2 (R/W 74600-SIG-C)  
Crossing No. 620804-A; RRMP: SMA-39.10  
RR File No. R/W Grade Crossing, Florida  
Yulee - CR 200-A (AC 157081)

RECEIVED  
4/28/86  
JK

We are enclosing one (1) fully executed agreement dated April 9, 1986, involving your company and covering the installation of grade crossing traffic control devices estimated at \$41,700.00.

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 us know.

Sincerely yours,

W. T. Crews  
District Railroad Coordinator

WTC/kg

Enclosures: 8 conformed copies  
cc: ~~Richard L. King~~, Nassau County Engineer  
w/copy of Agreement  
Mr. J. F. Scott, Jr., Resident Engineer  
w/copy of Agreement  
Mr. E. M. Salley, Adm. Rail Operations

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
DIVISION OF PUBLIC TRANSPORTATION  
RAILROAD REIMBURSEMENT AGREEMENT  
GRADE CROSSING TRAFFIC CONTROL DEVICES  
AND FUTURE RESPONSIBILITY  
(County)

COUNTY	SECTION	RAIL JOB NO.	STATE ROAD NO.	COUNTY NAME	PARCEL & R/W JOB NO.	F A P NO.
74	000	6923	CR 200-A	Nassau	2 (74600-SIG-C)	RRP-000S(254)

THIS AGREEMENT, made and entered into this 2<sup>nd</sup> day of April, 1986, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the DEPARTMENT, and SEABOARD SYSTEM RAILROAD, 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 County, a political sub-division of the State of Florida, hereinafter called the COUNTY.

WITNESSETH:

WHEREAS, the DEPARTMENT is constructing, reconstructing or otherwise changing a portion of the State Highway System, designated by the DEPARTMENT as Job No. 74000-6923, between Yulee and Fernandina Beach, which crosses at grade the right-of-way and tracks of the COMPANY at a point 323 feet east from the COMPANY'S Milepost SMA-39, FDOT/AAR Crossing Number 620804-A, at or near Yulee, Florida, as shown on DEPARTMENT'S Plan Sheet No. 2, 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 DEPARTMENT'S Rule 14-46.02, Florida Administrative Code, as amended.

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 \$41,700.00, 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 14-46.02, all of which by reference are made a part hereof.

2. Provide protective services in accordance with 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 therefor 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 the cost for the operation and maintenance of the devices by the COMPANY shall be shared as follows:

(a) Fifty percent (50%) 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. 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.

3. To the extent authorized by law, 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. 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.

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)  
~~Director of Administration~~  
Director of Public Transportation Operations  
ATTEST: [Signature]  
Executive Secretary

SEABOARD SYSTEM RAILROAD, INC.

BY: [Signature] (SEAL)  
Chief Engineering Officer  
ATTEST: [Signature]  
Assistant Secretary

Nassau COUNTY, FLORIDA

BY: [Signature] (SEAL)  
(Title: Chairman)  
ATTEST: [Signature]

APR 18 1986

Approved as to Form, Legality and Execution  
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

Examined and Approved: \_\_\_\_\_

BY: [Signature]  
Assistant Attorney

[Signature]  
for  
Division Administrator  
Federal Highway Administration

[Signature]  
MAR 28 1986  
FUNDS AVAILABLE  
APPROVED - FISCAL

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
DIVISION OF PUBLIC TRANSPORTATION OPERATIONS

COUNTY RESOLUTION  
GRADE CROSSING TRAFFIC CONTROL DEVICES AND FUTURE RESPONSIBILITY

COUNTY	SECTION	RAIL JOB NO.	STATE ROAD NO.	COUNTY NAME	PARCEL & R/W JOB NO.	FAP NO.
74	000	6923	CR 200-A	Nassau	2 (74600-SIG-C)	RRP-000S(254)

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. 86-43

ON MOTION OF Commissioner Clayton, seconded by Commissioner Pickett, the following RESOLUTION was adopted:

WHEREAS, the State of Florida Department of Transportation is constructing, reconstructing or otherwise changing a portion of the State Highway System, between Yulee and Fernandina Beach, which shall call for the installation and maintenance of railroad grade crossing traffic control devices for railroad grade crossing over or near said highway.

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 Seaboard System Railroad, Inc. Company for the installation and maintenance of certain grade crossing traffic control devices designated as Job No. 74000-6923 on CR 200-A which crosses the right of way and tracks of the Company at FDOT/AAR Crossing No. 620804-A 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 Seaboard System Railroad, 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 March 1986

James E. Justice  
Chairman of the Board of County Commissioners

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

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

COUNTY	SECTION	RAIL JOB NO.	STATE ROAD NO.	COUNTY NAME	PARCEL & R/W JOB NO.	F A P NO.
74	000	6923	CR-200-A	Nassau	2 (74600-SIG-C)	RRP-000S(254)

AGENCY

Seaboard System Railroad, Inc.

- A. JOB DESCRIPTION & LOCATION: CR-200-A Near Yulee, Florida
- B. TYPE OF ROADWAY FACILITY: 2 lane rural
- C. FDOT/AAR XING NO.: 620804-A RR MILE POST TIE: SMA-39.10
- D. TYPE SIGNALS PROPOSED: I CLASS I 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	\$ 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 014-46.02  
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.

TC: FLA. D.O.T. Estimated Cost To install automaticflashing light signal and bells.Location: Yulee County: Nassau State: FloridaProject Reference: RRP-0005 (254) Crossing Inv. No.: 620904ARoute: CR 200A RR M.P.: SMA 39.10 Val. Sec.: \_\_\_\_\_Railroad Division: Savannah Account No. 709 - 157081SUMMARY OF ESTIMATE

Material Cost	<u>20850</u>	
Sales Tax	<u>1042</u>	
Handling	<u>1042</u>	
Total Material Cost	<u>22934</u>	
Credit for Released Material	<u>-</u>	
Net Material Cost		<u>22934</u>
Engineering & Supervision	<u>1,100</u>	
Plus Composite Additive	<u>660</u>	
Total Engineering & Supervision		<u>1760</u>
Construction Labor	<u>8100</u>	
Plus Composite Additive	<u>4,455</u>	
Total Construction Labor		<u>12,555</u>
Supplemental Annuity on Labor		<u>48</u>
Travel Allowance & Lodging		<u>1,000</u>
Transportation of Material to Project Site		<u>450</u>
Transportation of Equipment to Project Site		<u>120</u>
Equipment Rental		<u>833</u>
Estimated Material & Labor Cost		<u>39,700</u>
Contingencies (Trav. Exp. Elect. Serv., Etc.)		<u>2,000</u>
Total Estimated Cost		<u>41,700</u>

Communications &amp; Signals Department

Jacksonville, Fla., Date: 1/15/86 245

TO: FLA. D.O.T. Estimated Cost To install automatic  
flashing light signals and bells.

Location: Yulee County: NASSAU State: Florida

Project Reference: RRP-000S (254) Crossing Inv. No. 620804A

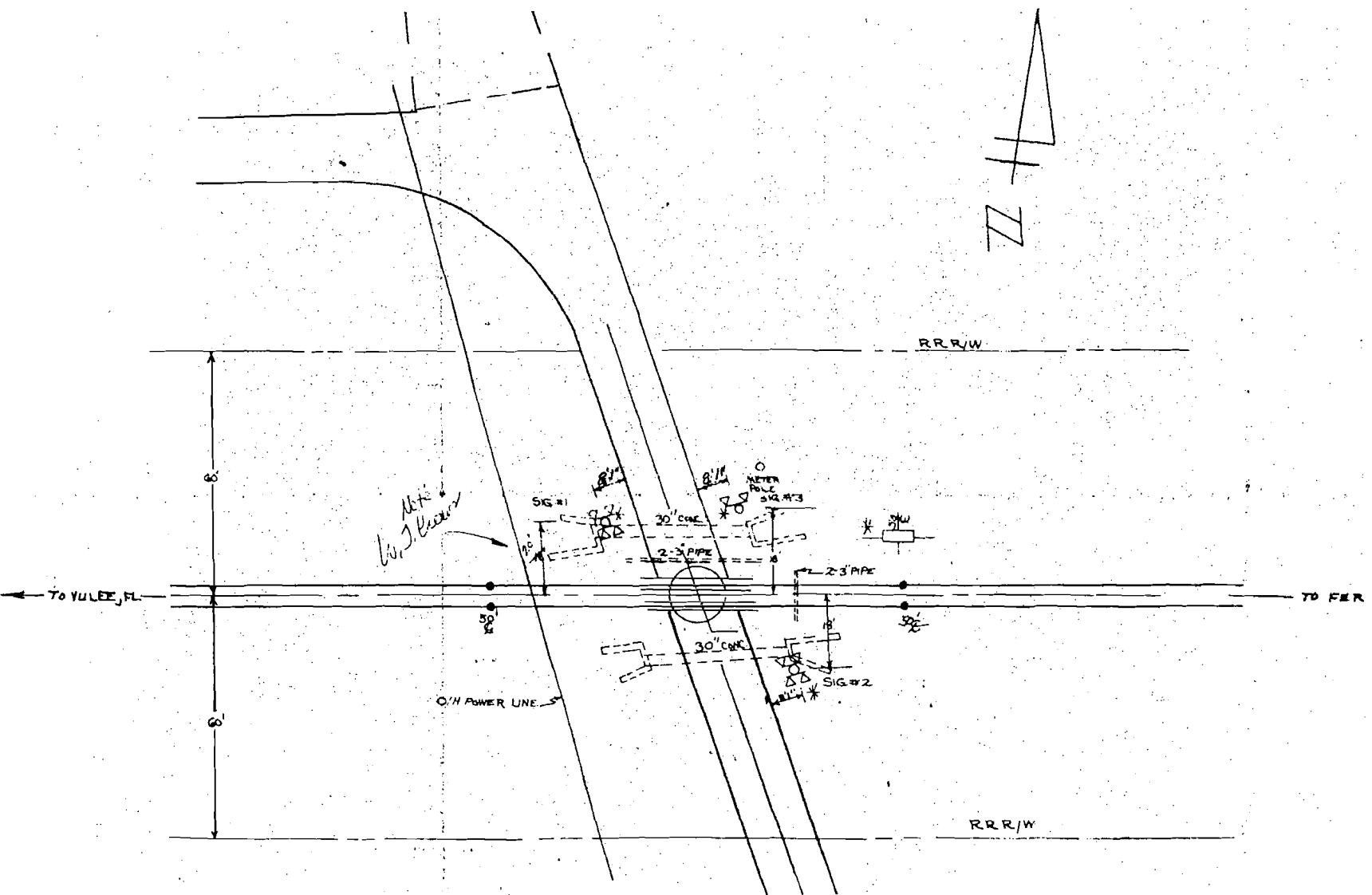
Route: CR 200A RR M.P. SMA 39.10 Val. Sec.: \_\_\_\_\_

ESTIMATE OF SIGNAL MATERIAL

<u>1</u> - Lot Control Equipment, including case, <del>overlay track devices,</del> motion detecting devices, relays, rectifiers, lightning protective devices, etc.	<u>\$ 12,050</u>
<u>1</u> - Lot Field Materials, including foundations, pipe, cables, battery, <del>battery boxes, insulated rail joints, etc.</del>	<u>5,200</u>
<u>2</u> - Signal Assembly, complete with <u>4</u> lamp units on mast	<u>2,500</u>
<u>1</u> - Signal Assembly, complete with <u>2</u> lamp units on mast	<u>1,100</u>
<del>Signal Assembly, complete with _____ Ft. cantilever arm and _____ lamp units</del>	_____
<del>Signal Assembly, complete with _____ Ft. cantilever arm and _____ lamp units</del>	_____
<del>Gate Assembly, complete with _____ Ft. arm and 2 lamp units on mast</del>	_____
<del>Gate Assembly, complete with _____ Ft. arm and 2 lamp units on mast</del>	_____
<del>Combination Gate and Signal Assembly, complete with _____ Ft. arm and _____ lamp units on mast</del>	_____
<del>Combination Gate and Signal Assembly, complete with _____ Ft. arm and _____ lamp units on mast</del>	_____
MATERIAL COST	<u>\$ 20,850</u>

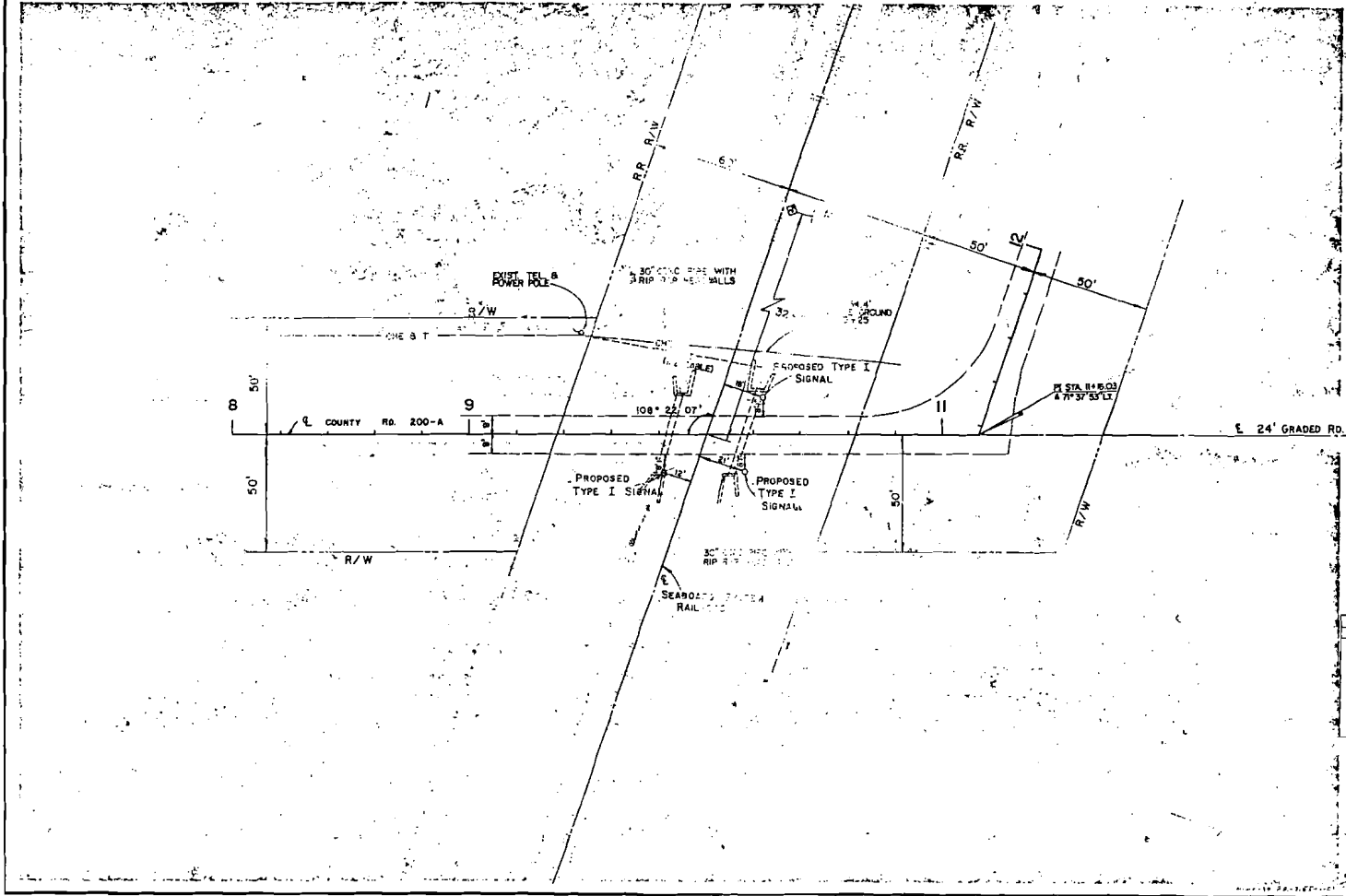
Communications & Signals Department  
Jacksonville, Fla. Date: 1/19/86 115





STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
RAILROAD SIGNAL SAFETY PROGRAM

STATE PROJECT NO. SHEET  
74000-6923 2



APPROXIMATELY 20 CY FILL DIRT AND  
SIGNING & PAVEMENT MARKING TO BE  
DONE BY OTHERS INDEX NO. 17882.

REVISIONS	DATE	BY	DESCRIPTION	NAME	DATE

SCALE 1" = 20'

RAILROAD CROSSING MAP

COUNTY ROAD 200-A

COUNTY NASSAU

SECTION 74000-6923

COMPANY SEABOARD SYSTEM RAILROAD

CROSSING NUMBER 620804-A

PROPOSED TYPE I CLASS I

MAP NO. RRP-0005-(24)

RD-3155 (79002-1576) CR 200A #620804-A - NASSAU COUNTY

SCALE 1" = 20' SHEET 1 OF 1

THIS CONTRACT PLAN SET INCLUDES

RAILROAD SIGNAL PLANS

INDEX OF RAILROAD SIGNAL PLANS  
SHEET NO. SHEET DESCRIPTION

1 Key Map  
2 Plan and Profile Sheet

RAILWAY AND TRAFFIC DESIGN STANDARDS (BOOKLET DATED JAN. 1985)

001 Standard Abbreviations  
002 Standard Symbols

17882 Railroad Grade Crossing Traffic Control Devices

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED  
STATE HIGHWAY

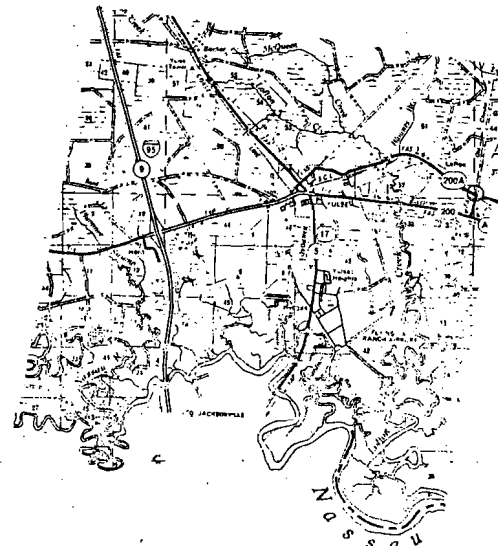
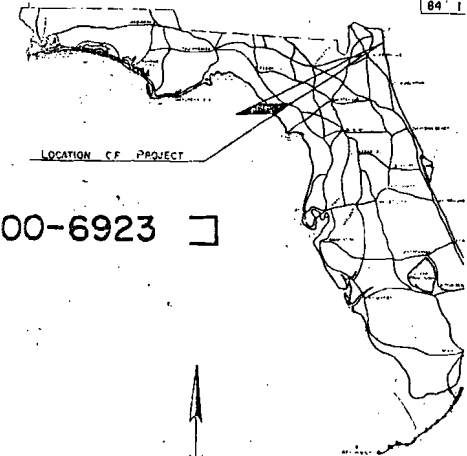
F. A. PROJ. NO. RRP-000S-(254) [ STATE PROJ. NO. 74000-6923 ]

NASSAU COUNTY

COUNTY ROAD NO. 200-A

WORK PROGRAM ITEM NO. 2128020

84 1



1/4 MILE

LOCATION OF PROJECT  
R.R.C. NO. 620604-A

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

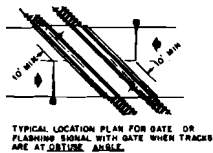
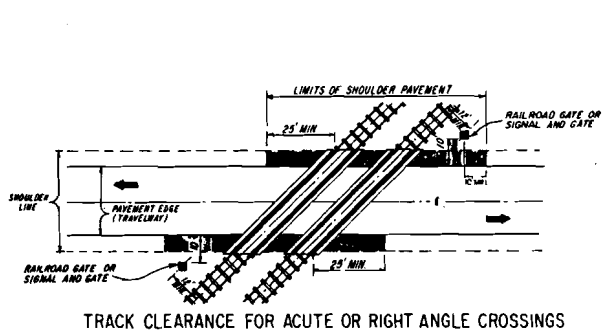
GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1982 AND SUPPLEMENTS THERE TO IF NOTED IN SPECIAL PROVISIONS FOR THIS PROJECT.

DIRECTOR OF RECONSTRUCTION AND SEAS

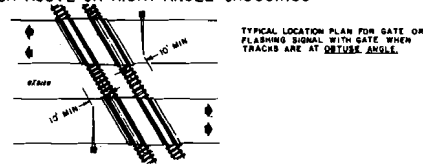
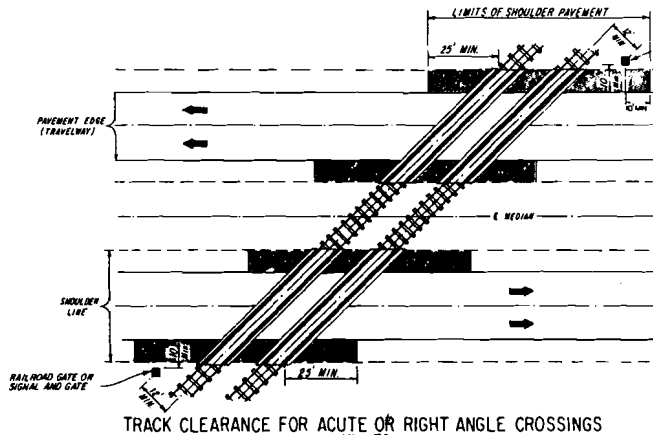
APPROVED BY: *[Signature]* DATE: 11/28/82

DESIGNER JACK HERNDON

APPROVED DATE  
DIVISION ADMINISTRATOR  
FEDERAL HIGHWAY ADMINISTRATION

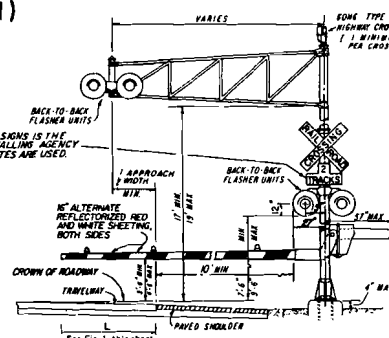
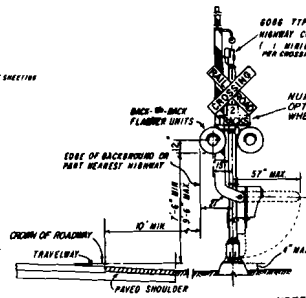
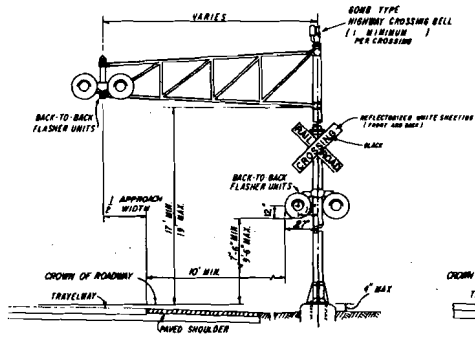
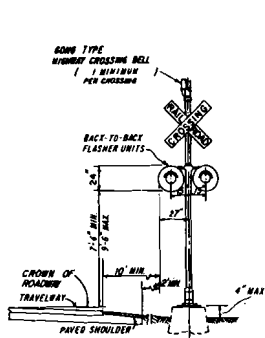


NOTE:  
IT IS INTENDED THAT THE FULL SHOULDER WIDTH OF THE EXISTING ROADWAY BE PAVED. WHERE AN EXISTING SHOULDER IS SUBSTANTIALLY SUBSTANDARD FOR THE FACILITY INVOLVED, THE SHOULDER WIDTH SHOULD BE UPGRADED TO MEET CURRENT STANDARDS.

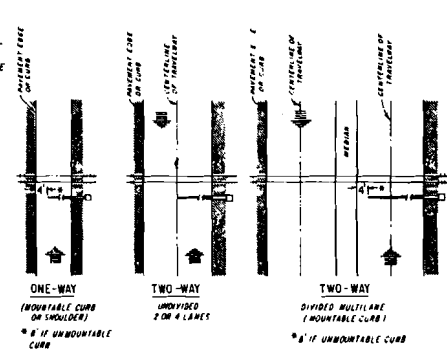


### SIGNAL PLACEMENT AT RAILROAD CROSSING (2-LANE DESIGN)

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



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



NOTE:  
ARROWS DENOTE DIRECTION OF TRAVEL, NOT LANE INDICATION

### FIGURE 1

TRACK 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
- SIX LANE GRADE CROSSINGS ARE SPECIAL CONDITIONS. PLACEMENT OF RAILROAD TRAFFIC CONTROL DEVICES ARE NOT COVERED UNDER THIS INDEX.

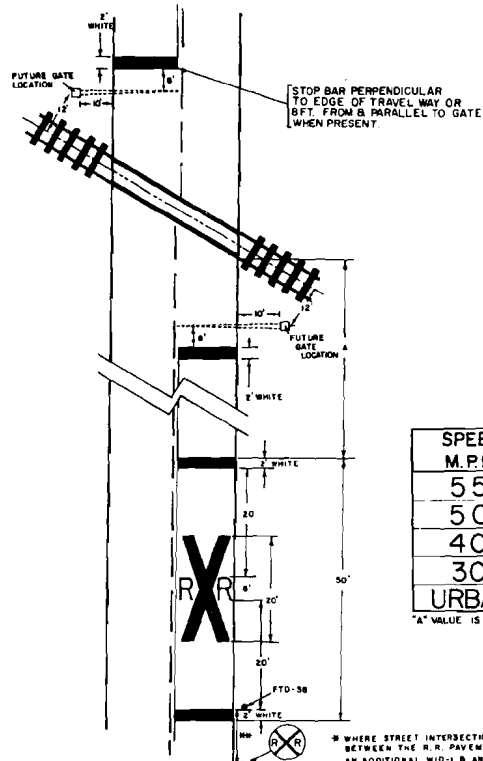
### FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

REVISIONS			REVISIONS			INITIALS	DATES
DATE	INITIALS	DESCRIPTION	DATE	INITIALS	DESCRIPTION	Designed by	CG
7-19-77	J.J.	ADDED GORE TYPE HIGHWAY CROSSING BELL	4-8-76			Checked by	RM
9-7-83	L.W.	CHANGED DIMENSIONS OF FLASHER UNITS	11-9-77	J.J.	ADDED SHEET 3413 TO INDEX	Quantities by	
			8-17-76	J.M.C.	REVISED NOTES, ADDED NOTE TO NO. OF TRACKS SIGNS	Checked by	
					REVISED TYPE III AND IV SIGNAL PLACEMENT TO 10' APPROACH WIDTH	Supervised by	
			10-31-78	J.M.C.	ADDED GATE TO RAILROAD SIGNAL AND REVISED NOTE ON TYPICAL LOCATIONS AND NOTE 5.		

Approved by: *J. DeAngelis*  
STATE DESIGN ENGINEER - ROWT

DRAWING NO. INDEX NO.  
1 OF 3 17882

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

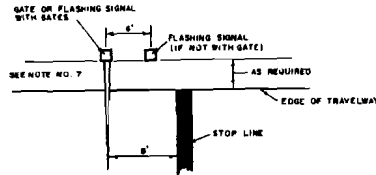


SPEED M.P.H.	"A" IN FT.
55	425
50	350
40	275
30	200
URBAN 50 MIN.	

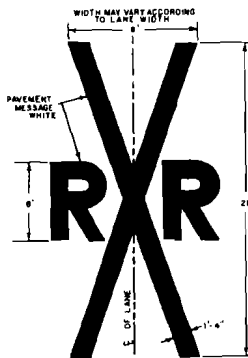
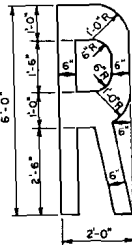
\*"A" VALUE IS BASED ON AASHO MN 550

\* WHERE STREET INTERSECTIONS OCCUR BETWEEN THE R.R. PAVEMENT MESSAGE & THE TRACKS AN ADDITIONAL W10-1 & AN ADDITIONAL PAVEMENT MESSAGE SHOULD BE USED.

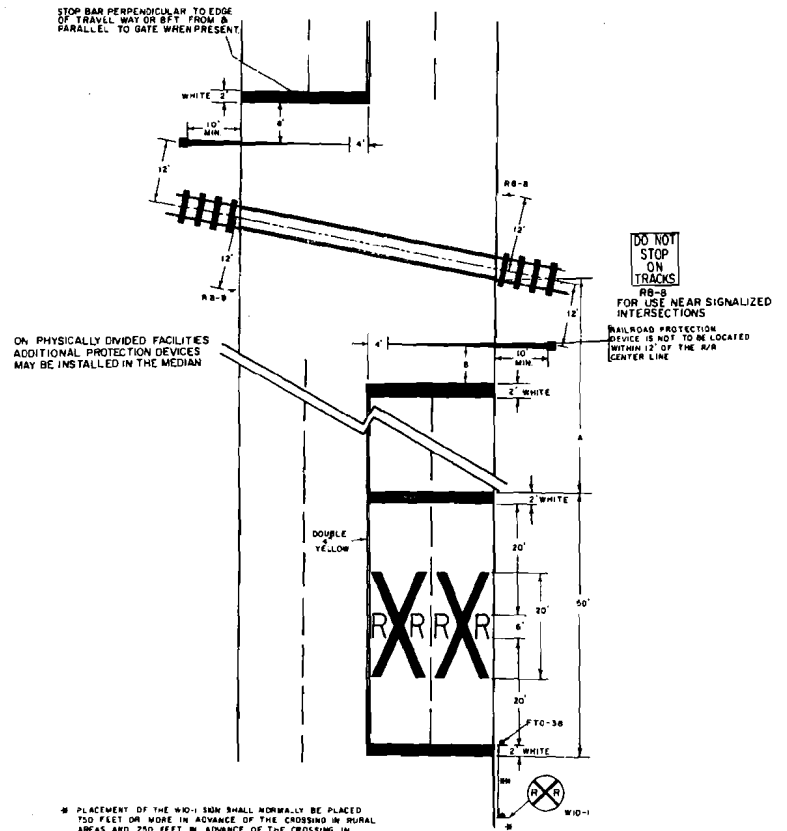
\*\* RECOMMENDED LOCATION FOR FTO-38 SIGNS 100' URBAN AND 300' RURAL.



RELATIVE LOCATION OF CROSSING TRAFFIC CONTROL DEVICES



### RAILROAD CROSSING AT MULTI-LANE ROADWAY



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

\* PLACEMENT OF THE W10-1 SIGN SHALL NORMALLY BE PLACED 250 FEET OR MORE IN ADVANCE OF THE CROSSING IN RURAL AREAS AND 250 FEET IN ADVANCE OF THE CROSSING IN URBAN AREAS EXCEPT THAT IN A RESIDENTIAL OR BUSINESS DISTRICT, WHERE LOW SPEEDS ARE PREVALENT, THE SIGN MAY BE PLACED A MINIMUM DISTANCE OF 100 FEET FROM THE CROSSING. IF THERE IS A STREET INTERSECTION WITHIN 150 FEET AN ADDITIONAL SIGN OR SIGNS MAY BE PLACED TO WARN TRAFFIC APPROACHING THE CROSSING FROM EACH INTERSECTED STREET.

\*\* RECOMMENDED LOCATION FOR FTO-38 SIGNS 100' URBAN AND 300' RURAL.

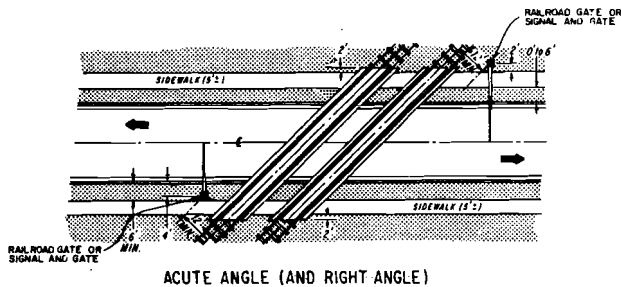
#### FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC DESIGN

#### RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

REVISIONS			INITIALS	DATE
DATE	INITIALS	DESCRIPTION	Designed by	J.M.C. 10/28/77
11-9-77	J.J.	ADDED TO INDEX	Checked by	
8-27-78	J.M.C.	REALIGN STOP BARS & RELOCATE SIGN RR-8	Quantified by	
		RELOCATE SIGN & ADDED NOTE TO W10-1	Checked by	
09-22-80	J.M.C.	REVISED R/R "R" DIMENSIONS	Supervised by	

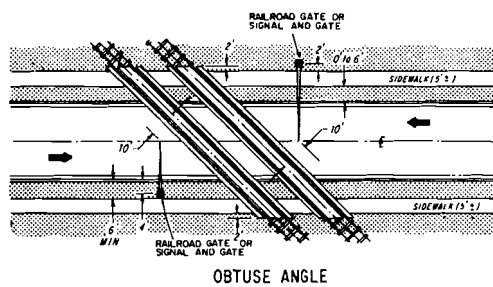
Approved: *J.C. Kell*  
STATE DESIGN ENGINEER - RDWY

DRAWING NO 3 OF 3 INDEX NO 17882



ACUTE ANGLE (AND RIGHT ANGLE)

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

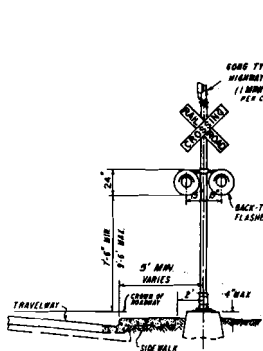


OBTUSE ANGLE

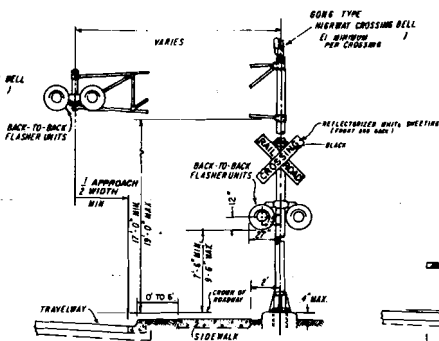
SIGNAL PLACEMENT AT RAILROAD CROSSING  
(2 LANES, CURB & GUTTER)

GENERAL NOTES

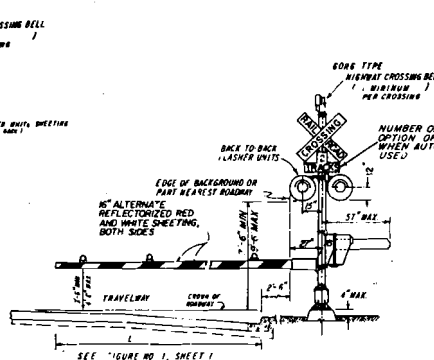
- 7 THE LOCATION OF FLASHING SIGNALS AND STOP LINES SHALL BE ESTABLISHED BASED ON FUTURE (OR PRESENT) INSTALLATION OF GATES WITH APPROPRIATE TRACK CLEARANCES
- 8 WHERE PLANS CALL FOR RAILROAD TRAFFIC CONTROL DEVICES TO BE INSTALLED IN CURBED MEDIANS, THE MINIMUM MEDIAN WIDTH SHALL BE 10 FEET
- 9 LOCATION OF RAILROAD TRAFFIC CONTROL DEVICE IS BASED ON THE DISTANCE AVAILABLE BETWEEN FACE OF CURB & SIDEWALK.  
0' TO 6' - LOCATE DEVICE OUTSIDE SIDEWALK  
OVER 6' - LOCATE DEVICE BETWEEN FACE OF CURB AND SIDEWALK.
- 10 STOP LINE TO BE PERPENDICULAR TO EDGE OF ROADWAY, APPROX 15' FROM NEAREST RAIL, OR 8' FROM AND PARALLEL TO GATE WHEN PRESENT.



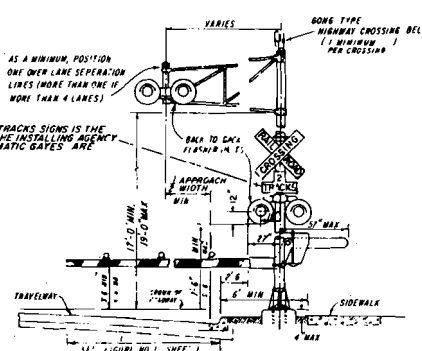
TYPE I



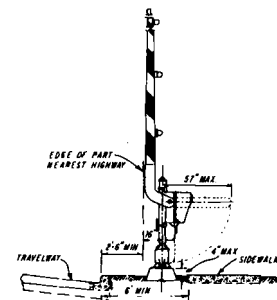
TYPE II



TYPE III



TYPE IV



TYPE V

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

REVISIONS			REVISIONS		
DATE	INITIALS	DESCRIPTION	DATE	INITIALS	DESCRIPTION
8-7-83	L.W.	CHANGE DIMENSIONS OF FLASHER UNITS	7-19-77	J.J.	ADDED ROAD TYPE HIGHWAY CROSSING BELL
			11-9-77	J.J.	ADDED SHEET DATA TO INDEX
			8-27-78	J.M.C.	REVISED NOTES TAB AND FORM NOTE TO NUMBER OF TRACKS SIGN
			10-31-78	J.M.C.	REVISED TYPE B TO USE OVER HIGHWAY SIGNAL PLACEMENT TO USE APPROACH WIDTH
					REVISED NOTES 1-10 SIGNAL GATE TO CROSSING

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

Approved by: *[Signature]*  
STATE DESIGN ENGINEER - RDW

Supervised by: \_\_\_\_\_

DRAWING NO. 2 OF 3  
INDEX NO. 17882