

RECEIVED
12-19-83

Florida



Department of Transportation

BOB GRAHAM
GOVERNOR

P.O. Box 1089
Lake City, Florida 32056-1089
December 15, 1983

PAUL N. PAPPAS
SECRETARY

Mr. R. E. Frame
Chief Engineering Officer
Seaboard System Railroad, Inc.
500 Water Street
Jacksonville, Florida 32202

Dear Sir:

Section 74000-6916, State Road (Harts Rd.)
Nassau County, Parcel 1 (R/W SIG-C)
Crossing No. 620823-E; RPMP: S-614.10
FAP No. RRP-000S(170)

We are enclosing one (1) fully executed agreement dated November 21, 1983, involving your company and covering the installation of grade crossing traffic control devices estimated at \$34,800.00.

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. Please extend advance notification of work by Railroad forces to this office.

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,

A handwritten signature in cursive script that reads "W. T. Crews".

W. T. Crews
District Railroad Coordinator

WTC/kag

Enclosure: Eight (8) conformed copies of agreement.

cc: Mr. R. . King, Nassau County Engr., w/copy of agreement
Mr. W. H. King, Res. Engr., Attn: Mr. Howard Greene, w/copy of agreement
Mr. E. M. Salley, P.E., 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	6916	Harts Rd.	Nassau	1 (SIG-C)	RRP-000S(170)

THIS AGREEMENT, made and entered into this 21ST day of November, 1983, 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. 74000-6916, between Nassau River and Yulee, which crosses at grade the right-of-way and tracks of the COMPANY at a point 573.46 feet south from the COMPANY'S Milepost S-614, FDOT/AAR Crossing Number 620823-E, 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 \$34,800.00, 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 17382, 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.

2. Retain ten percent from any progress payment.

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. 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.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DIVISION OF PUBLIC TRANSPORTATION

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.	F A P NO.
74	000	6916	Harts Rd.	Nassau	1 (SIG-C)	RRP-000S(170)

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. 83-56

ON MOTION OF Commissioner Claxton, seconded by Commissioner Sestone, 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 Nassau River and Yulee, which shall call for the installation and maintenance of railroad grade crossing traffic control devices for railroad grade crossings 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. 74000-6916 on Harts Rd. which crosses the right of way and tracks of the Company at FDOT/AAR Crossing Number 620823-E 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 Paragraph 2 of 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 October, 1983.

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

[Signature]
Chairman of the Board of County Commissioners

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

FUNDS AVAILABLE
APPROVED - FISCAL

NOV 07 1983

ATTEST: [Signature]
Executive Secretary

SEABOARD SYSTEM RAILROAD, INC.

BY: [Signature] (SEAL)
Chief Engineering Officer

ATTEST: [Signature]
Secretary

Nassau COUNTY, FLORIDA

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

ATTEST: [Signature]

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

Examined and Approved: 11/29/83

BY: [Signature]
Assistant Attorney

[Signature]
Division Administrator
Federal Highway Administration

74000-6916

RESOLUTION NO. 81-25

RESOLUTION AUTHORIZING THE EXECUTION OF THE
SIGNAL MAINTENANCE AGREEMENT BETWEEN THE
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
AND NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS.

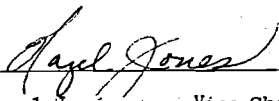
On motion of Commissioner Hodges seconded by
Commissioner Blackwelder, the following resolution
was adopted:

WHEREAS, the Board of County Commissioners of Nassau County,
Florida, deem it in the public interest to maintain the costs of
the operation of traffic signals located on State Road/Street
(Harts Road), Section 74000-xxxx, Nassau County, Crossing No:
620823-E; RR MP: S-614.10, Seaboard Coast Line Railroad Company.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY
COMMISSIONERS THAT:

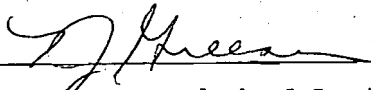
1. The Board concurs in the need for said signalization and
agrees to pay for the cost of annual maintenance as per
attachment.
2. The type of signals to be installed are of Type I, Class
I.

ADOPTED IN REGULAR BOARD OF COUNTY COMMISSION MEETING ON
THE 21st DAY OF July, 1981.



Hazel Jones Vice-Chairman

ATTEST:



T. J. Greason, Clerk of Court

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DIVISION OF PUBLIC TRANSPORTATION
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	6916	Harts Rd.	Nassau	1 (SIG-C)	RRP-000S(170)

AGENCY

Seaboard System Railroad, Inc.

- A. JOB DESCRIPTION & LOCATION: Harts Rd. south of Yulee
- B. TYPE OF ROADWAY FACILITY: 2-lane rural
- C. FDOT/AAR XING NO.: 620823-E RR MILE POST TIE: S-614-10
- D. TYPE SIGNALS PROPOSED: I CLASS I INDEX: 17882

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

<u>Annual Maintenance Cost Exclusive of Installation</u>		
<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: 20.05, F.S.

SPECIFIC LAW IMPLEMENTED: 338.21, F.S.

SEABOARD SYSTEM RAILROAD

To: Florida Department of Transportation
 Project Ref. 74000-6916
 Location: Yulee, Fla.
 SBD Mile Post: S 614.10
 Route: Harts Road

County: Nassau

Crossing Inv. No. 620823 E

Description: Install Automatic Highway Crossing Flashing Light Signals and Bell.

	<u>Estimated Cost</u>	
Material Cost	\$19,400.	
Sales Tax	970.	
Handling	970.	
Transportation to Project	50.	
Total Material Cost	\$21,390.	
Credit for Released Material	00.	
Net Material Cost		\$21,390.
Engineering	1,100.	
Plus Composite Additive	684.	
Total Engineering		1,784.
Construction Labor	4,390.	
Plus Composite Additive	2,065.	
Total Construction Labor		6,455.
Supplemental Annuity on Labor		48.
Travel Allowance and Lodging		1,000.
Transportation of Equipment to Project		120.
Equipment Rental		839.
Estimated Material and Labor Cost		\$31,636.
Contingencies		3,164.
TOTAL ESTIMATED COST		\$34,800.
Railroad Portion		00.
Outside Party Estimated Cost		\$34,800.

Office of Chief Communications & Signals Officer
 Jacksonville, Fla. Date: 8-5-83 - cvs

SEABOARD SYSTEM RAILROAD

To: Florida Department of Transportation

Project Ref.: 74000-6916

County: Nassau

Location: Yulee, Fla.

SBD Mile Post: S 614.10

Drawing No.

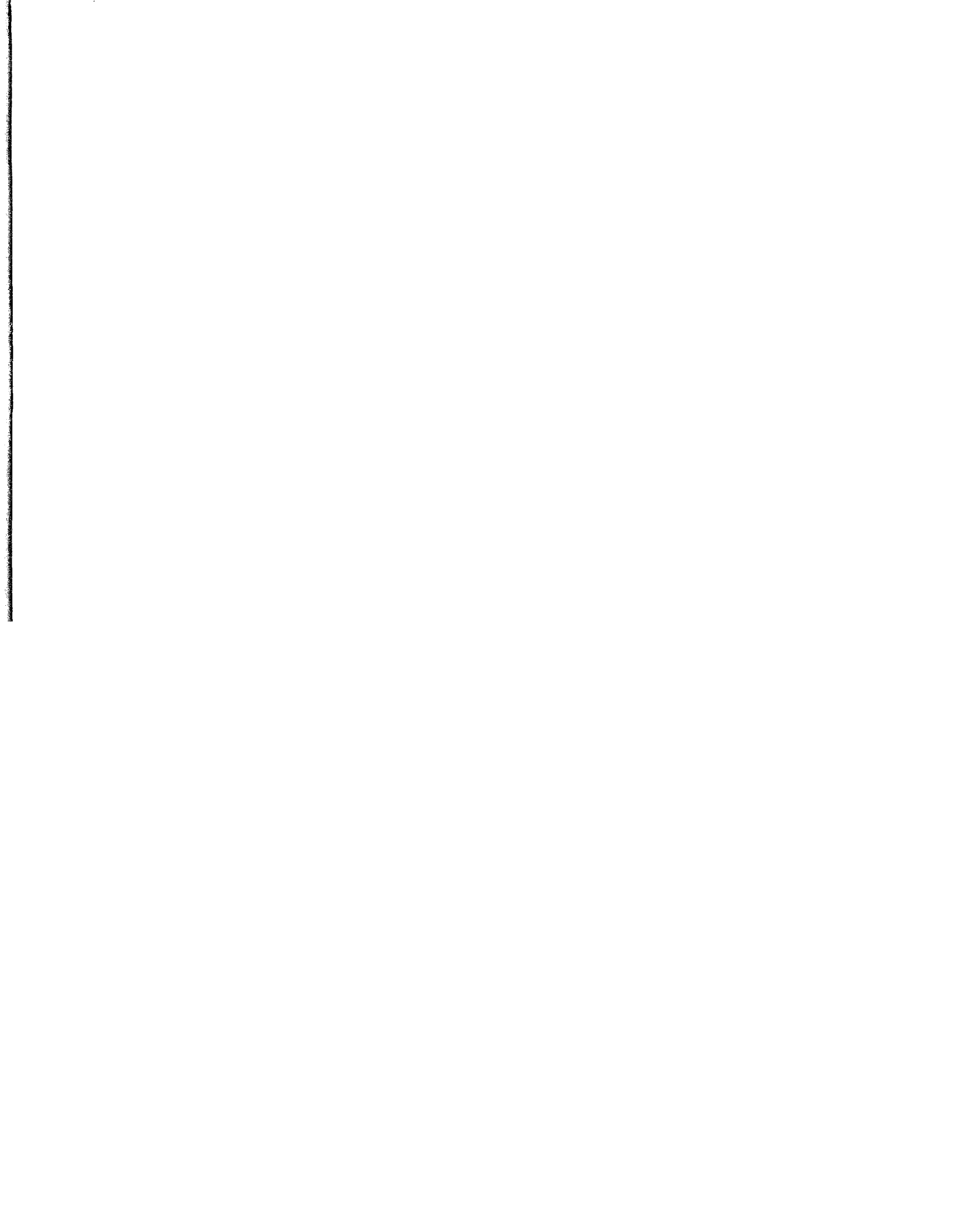
Route: Harts Road

Crossing Inv. No. 620823 E

Description: Install Automatic Highway Crossing Flashing Light Signals and Bell.

Estimate of Signal Material and Cost

1 - Lot Control Equipment, including cases, control apparatus, rectifiers, lightning protective devices, etc.	\$12,082.
1 - Lot Field Materials, including foundations, pipe, cables, battery, battery boxes, insulated rail joints, etc.	5,381.
2 - Signal Assembly, complete with 4 lamp units on mast	<u>1,937.</u>
Material Cost	\$19,400.



THIS CONTRACT PLAN SET INCLUDES

RAILROAD SIGNAL PLANS

INDEX OF RAILROAD SIGNAL PLANS
SHEET NO. SHEET DESCRIPTION

Key Also
Plan and Profile Street

ROAD DESIGN STANDARDS (BOOKLET DATED JANUARY 1981)

001 Standard Abbreviations
002 Standard Symbols

TRAFFIC OPERATIONS STANDARDS (BOOKLET DATED JANUARY 1981)

17862 Railroad Grade Crossing Traffic Control Devices

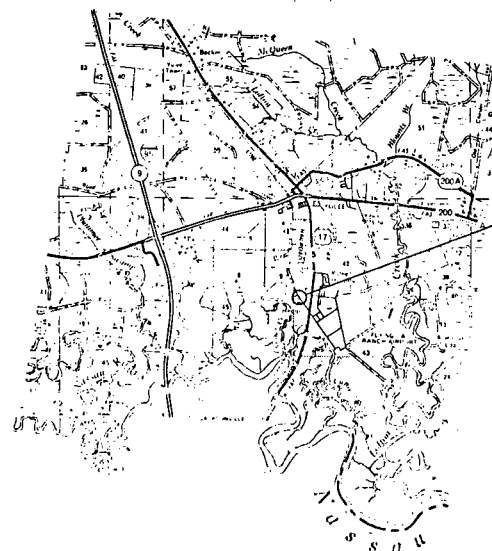
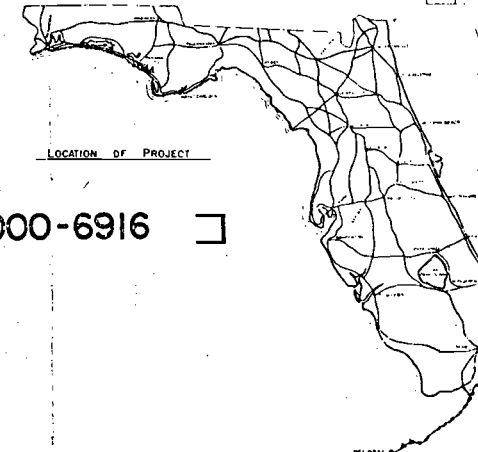
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY

F. A. PROJ. NO. RRP-000S (130) [STATE PROJ. NO. 74000-6916]
NASSAU COUNTY
Harts Road

BUDGET ITEM No. 228048

1/28 1/84
62 1



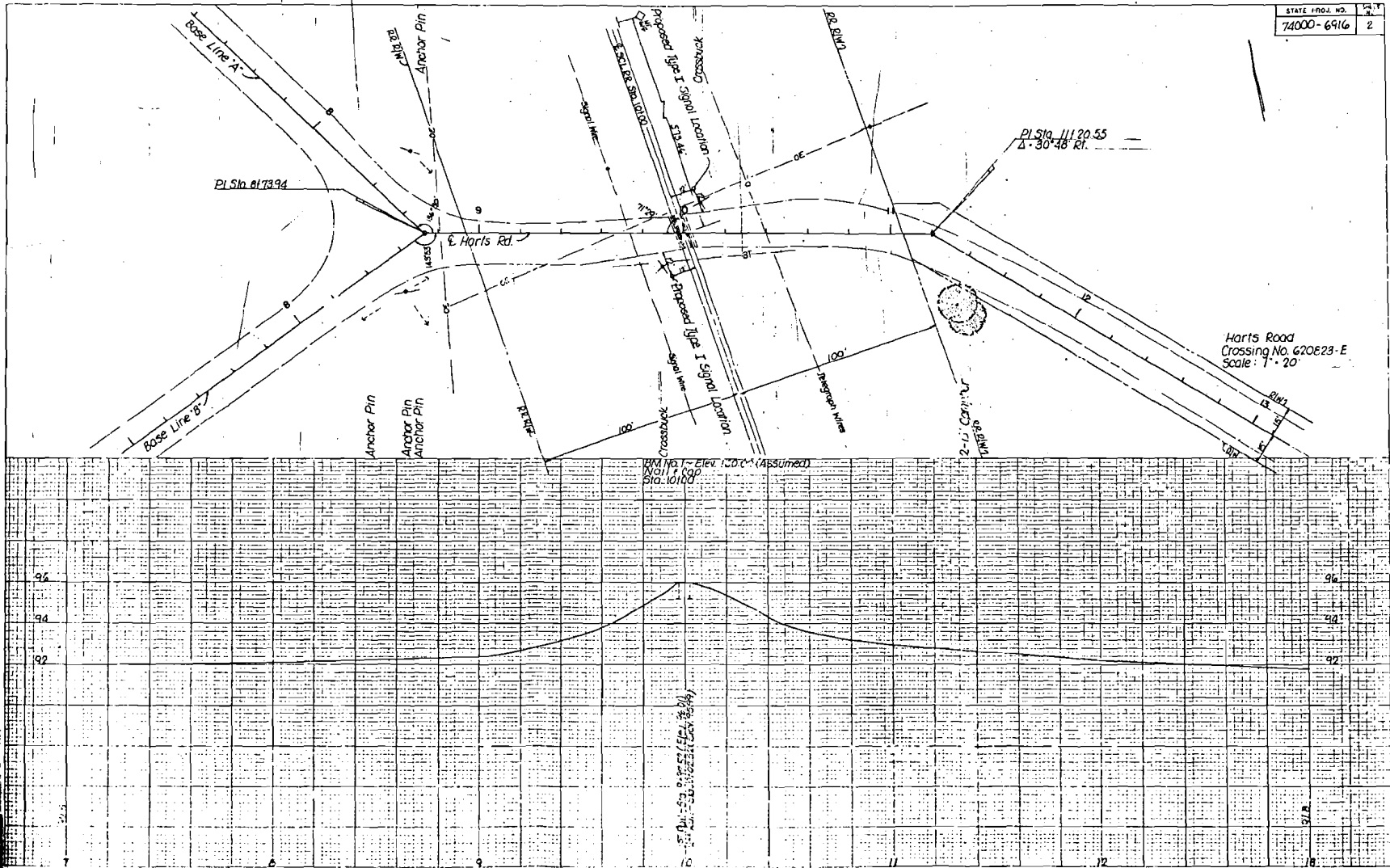
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

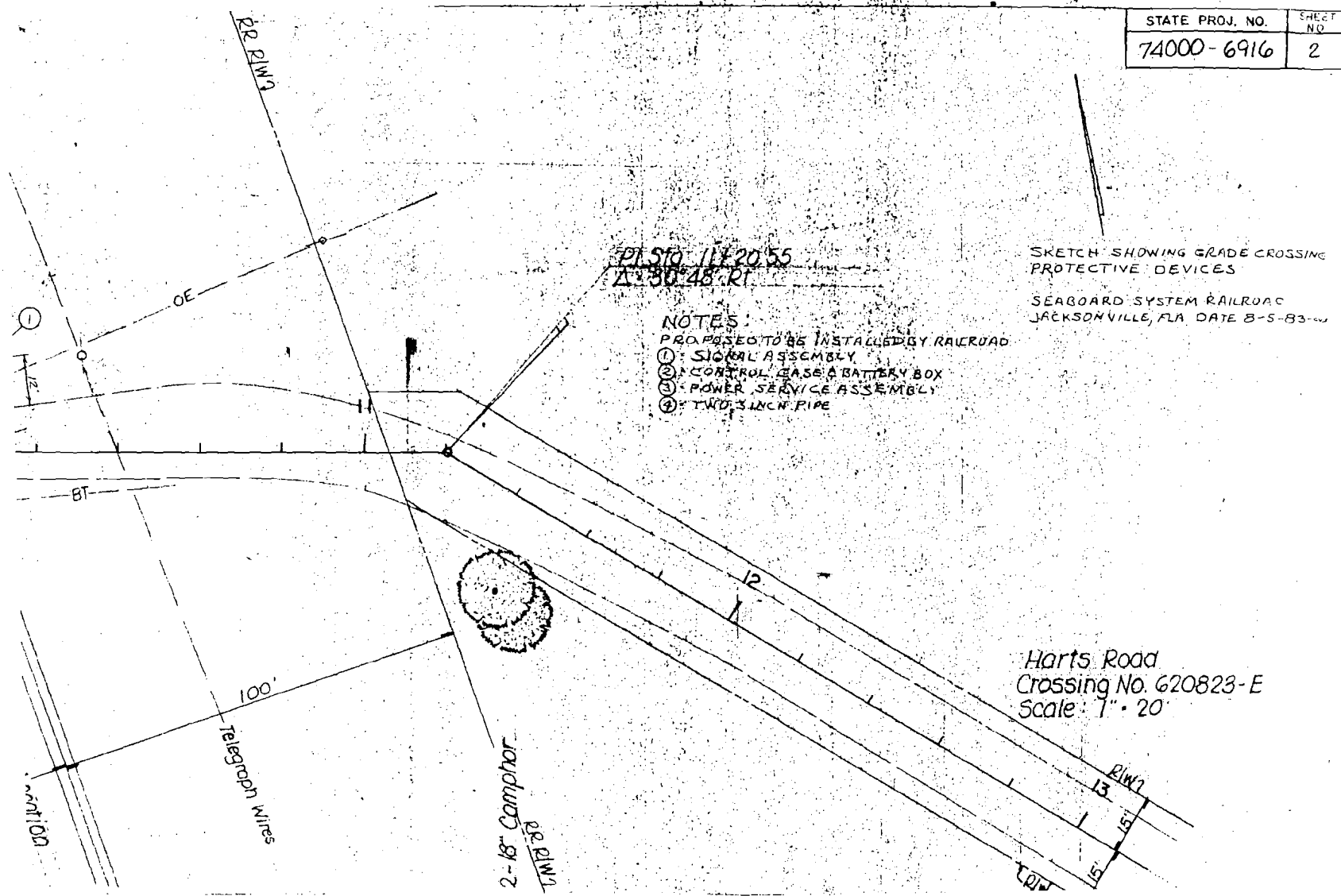
GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, DATED 1987, AND SUPPLEMENTS THERETO IF NOTED IN THE SPECIAL PROVISIONS FOR THIS PROJECT.

DIRECTION OF TRAVEL, LOCATION AND DESIGN

APPROVED: _____ DATE: _____
DIVISION ADMINISTRATOR
FLORIDA DEPARTMENT OF TRANSPORTATION

DESIGNER: _____



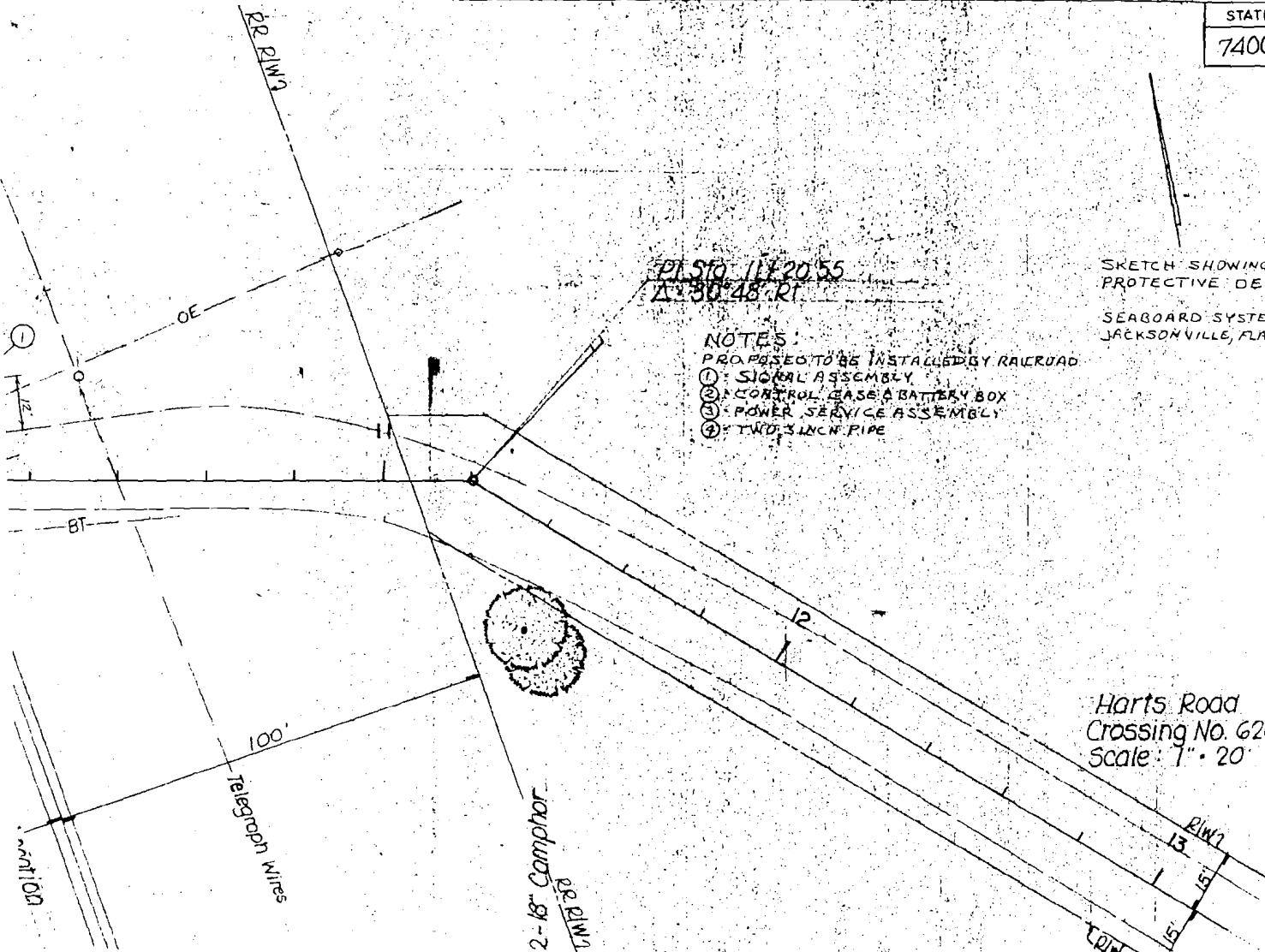


PLSD 1172055
 1173048 RT

- NOTES:
 PROPOSED TO BE INSTALLED BY RAILROAD
- ① SIGNAL ASSEMBLY
 - ② CONTROL CASE & BATTERY BOX
 - ③ POWER SERVICE ASSEMBLY
 - ④ TWO 3 INCH PIPE

SKETCH SHOWING GRADE CROSSING
 PROTECTIVE DEVICES
 SEABOARD SYSTEM RAILROAD
 JACKSONVILLE, FLA DATE 8-5-83

Harts Road
 Crossing No. 620823-E
 Scale: 1" = 20'



PL 39-11-20-55
A-30-18-PI

- NOTES:
PROPOSED TO BE INSTALLED
① SIGNAL ASSEMBLY
② CONTROL CASE & BATT
③ POWER SERVICE ASSE
④ TWO 3/4" INCH PIPE

RR R/W

2-18' Comphor
RR R/W

100' Telegraph Wires

Proposed Type I Signal Location
Crossbuck

Proposed Type I Signal Location
Crossbuck

E. SCL RR Sta 101.00

Signal Wire

Signal Wire

Yarts Rd

RR R/W

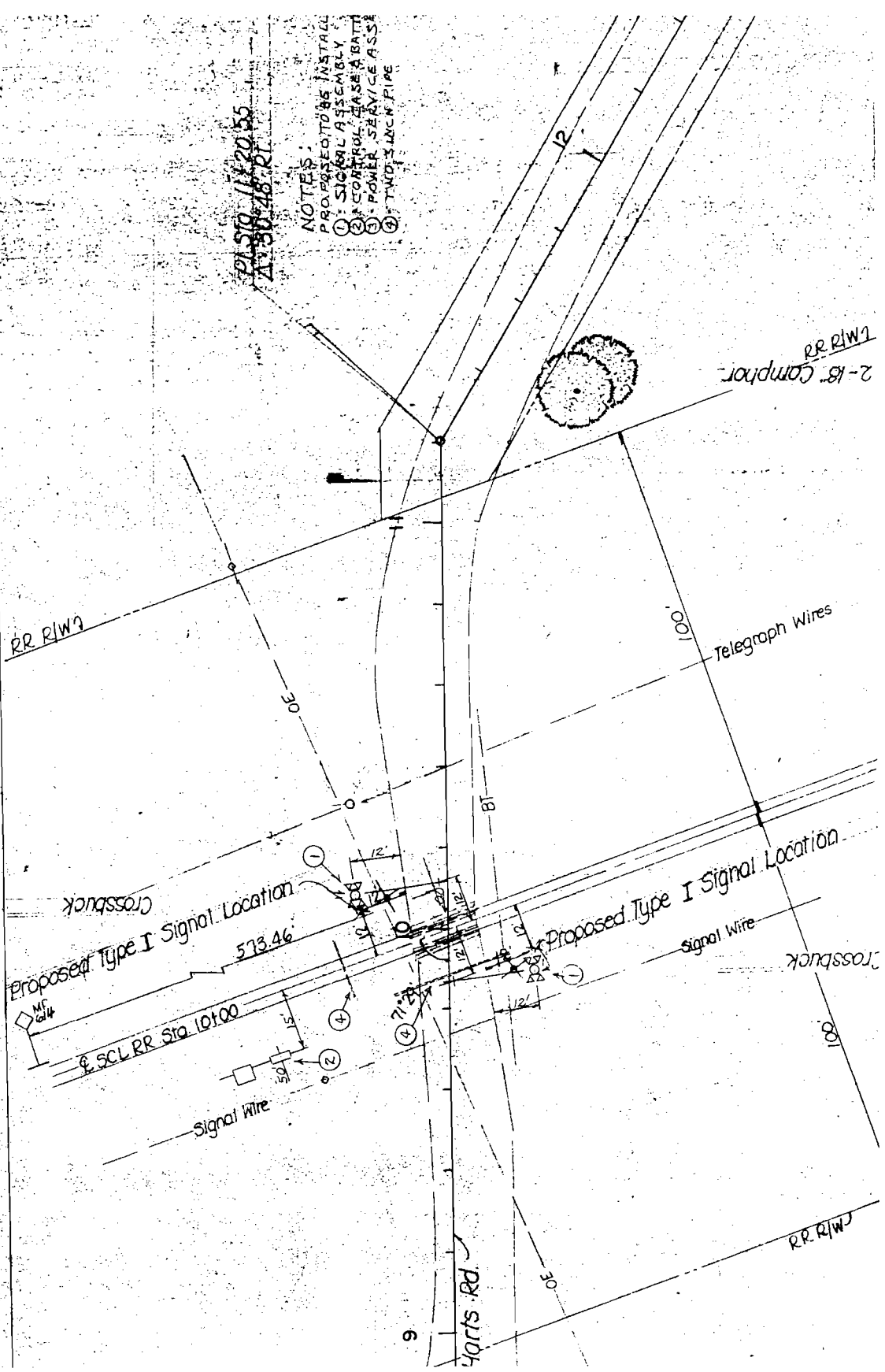
00'

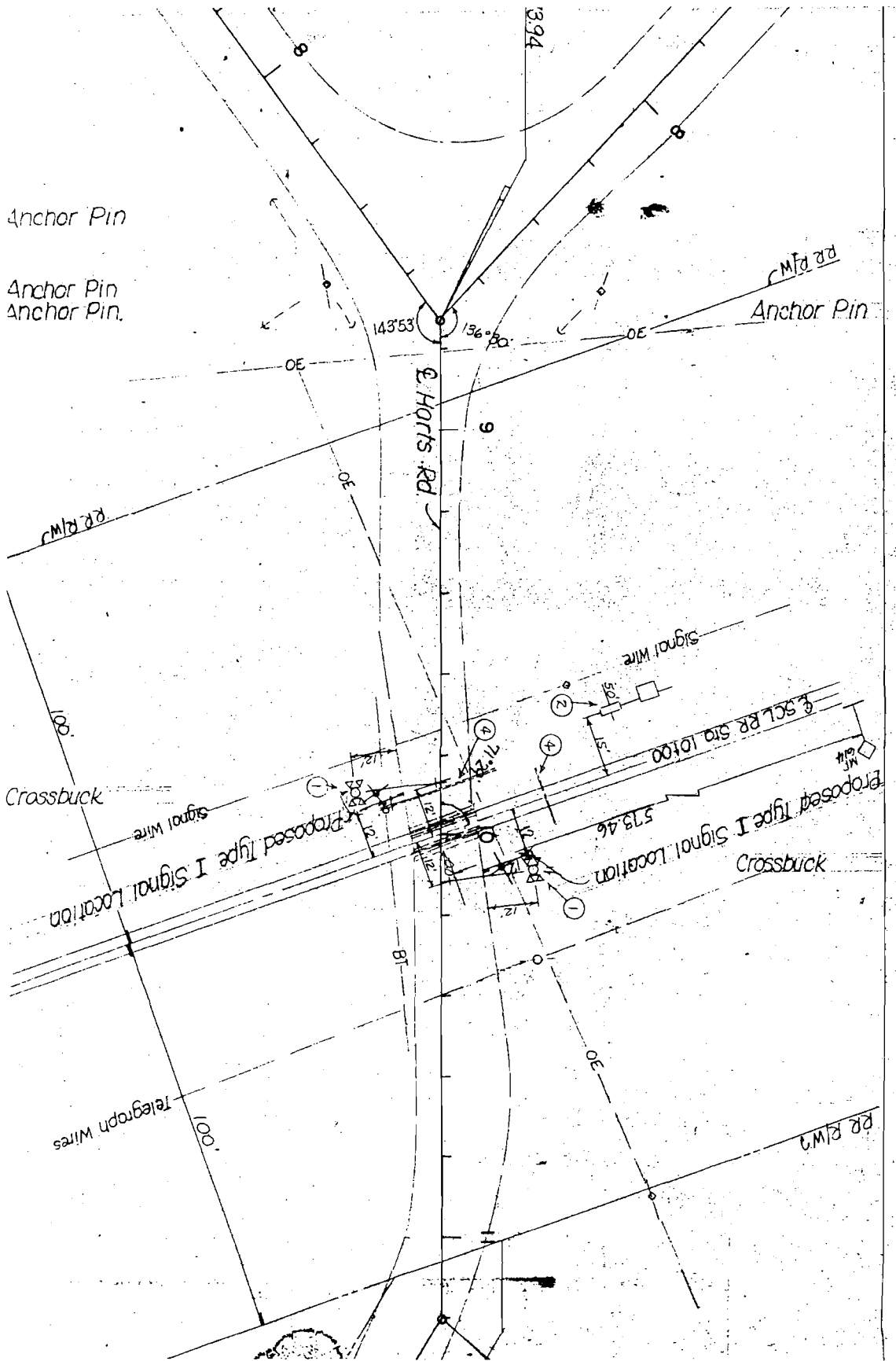
100'

573.46

9

8





Anchor Pin

Anchor Pin
Anchor Pin.

Mfd rd
Anchor Pin

E Harts Rd

RR R/W

Crossbuck

Proposed Type I Signal Location

SCL RR sta 10400
Proposed Type I Signal Location

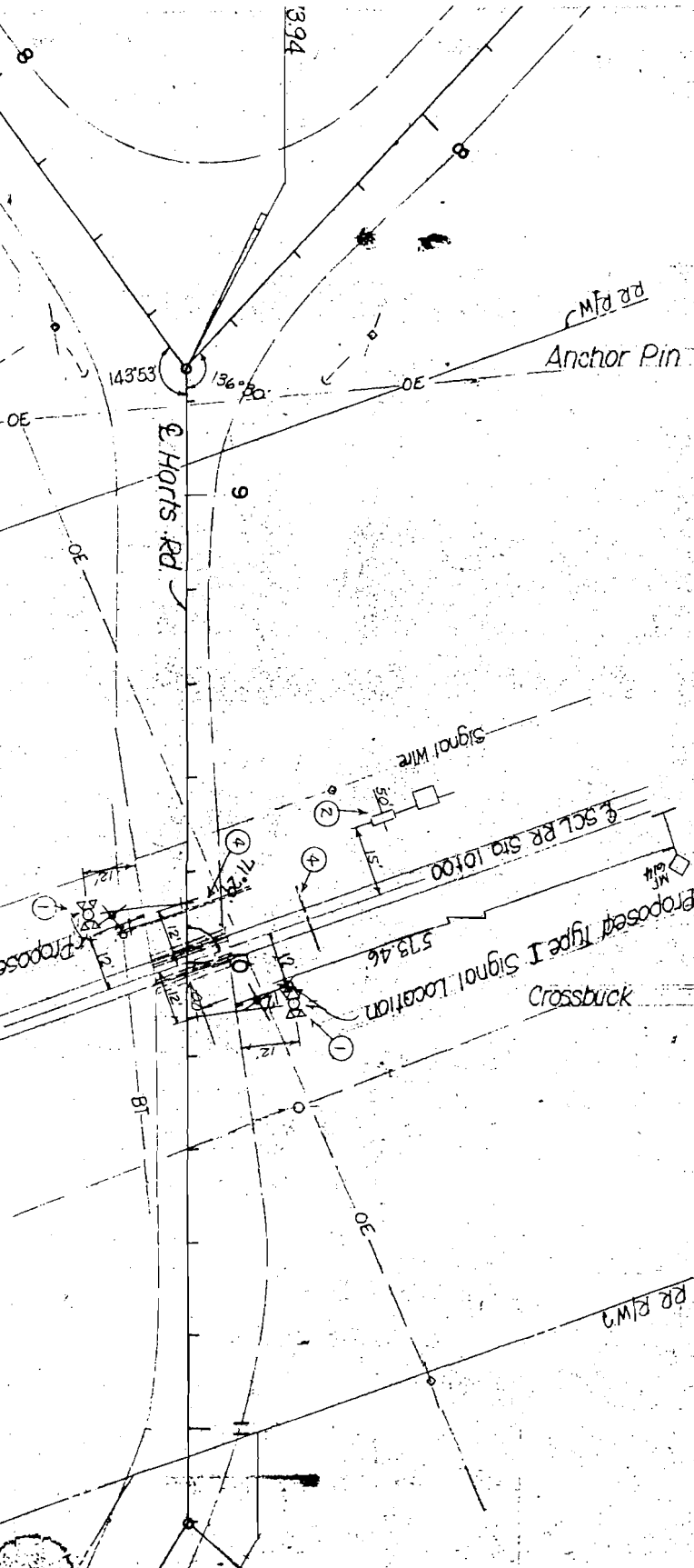
Crossbuck

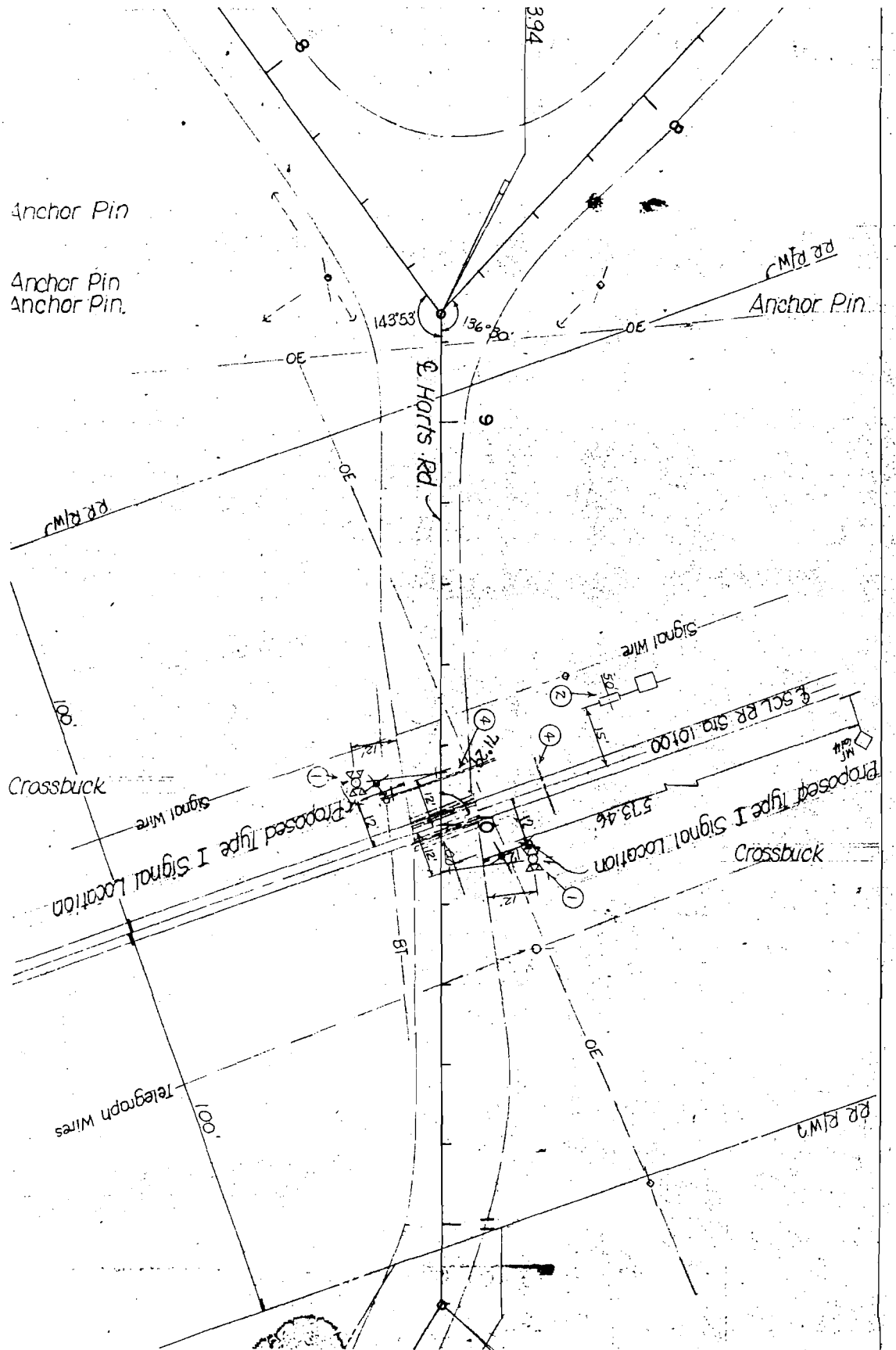
Telegraph Wires

1001.00

BT

RR R/W





Anchor Pin

Anchor Pin
Anchor Pin.

Anchor Pin

Harts Rd.

RR RW

Crossbuck

Proposed Type I Signal Location

Proposed Type I Signal Location

Telegraph Wires

Crossbuck

RR RW

143°53'

136°30'

394

9

100

100

573.46

150

Signal Wire

Signal Wire

BT

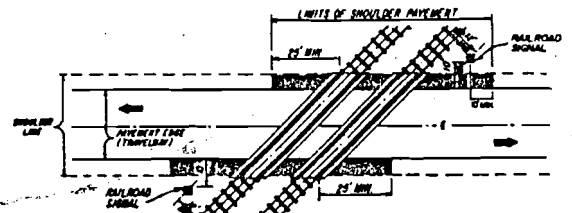
OE

OE

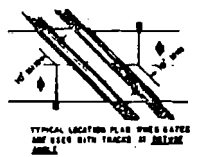
OE

OE

RR RW

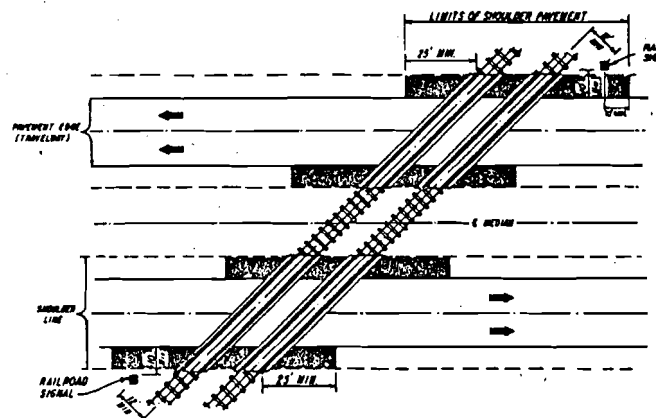


TRACK CLEARANCE FOR ACUTE OR RIGHT ANGLE CROSSINGS

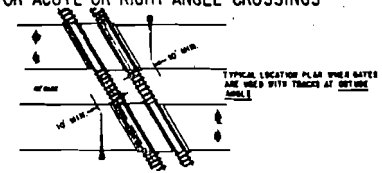


TYPICAL LOCATION PLAN VIEW GATES ARE USED WITH TRACKS AT OBLIQUE ANGLES

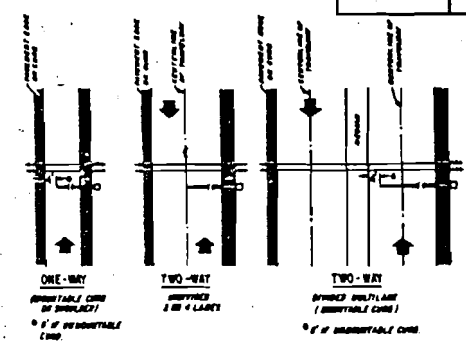
NOTE: IT IS INTENDED THAT THE FULL SHOULDER WIDTH OF THE EXISTING ROADWAY BE MAINTAINED. WHERE AN EXISTING SHOULDER IS SUBSTANTIALLY SUBSTANDARD FOR THE FACILITY INVOLVED, THE SHOULDER WIDTH SHOULD BE UPGRADED TO MEET CURRENT STANDARDS.



TRACK CLEARANCE FOR ACUTE OR RIGHT ANGLE CROSSINGS



TYPICAL LOCATION PLAN VIEW GATES ARE USED WITH TRACKS AT OBLIQUE ANGLES



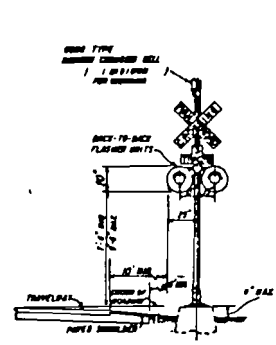
NOTE: ARROWS INDICATE DIRECTION OF TRAFFIC, BUT LANE INDICATION

FIGURE 1

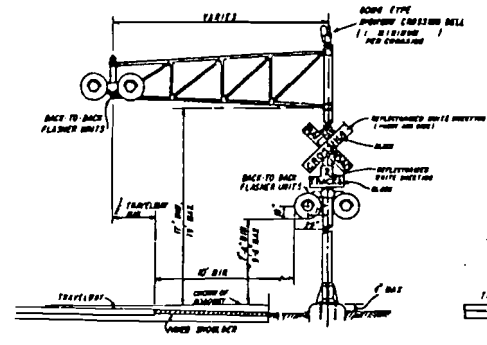
GATE LENGTH REQUIREMENTS

SIGNAL PLACEMENT AT RAILROAD CROSSING (2-LANE DESIGN)

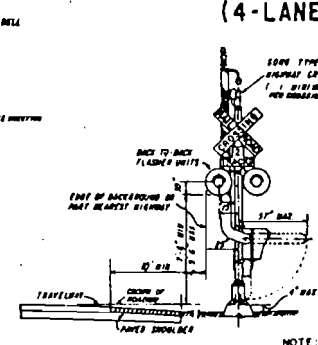
SIGNAL PLACEMENT AT RAILROAD CROSSING (4-LANE DESIGN)



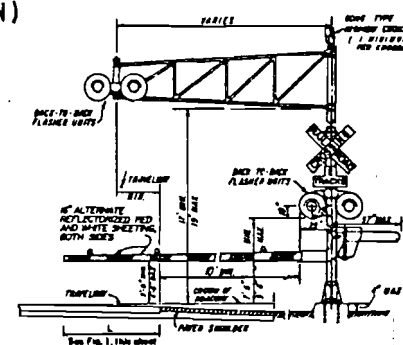
TYPE I



TYPE II



TYPE III



TYPE IV

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

GENERAL NOTES

- NO STANDARD IS PROPOSED FOR SIGNALS, HOWEVER, SOME FORMS 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 TO BE AT THE SAME ELEVATION AS THE SURFACE OF THE TRAVELWAY AND/OR NO MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- 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.

APPROVED BY FHWS JULY 29, 1978

FLORIDA DEPARTMENT OF TRANSPORTATION
TRAFFIC OPERATIONS

RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES

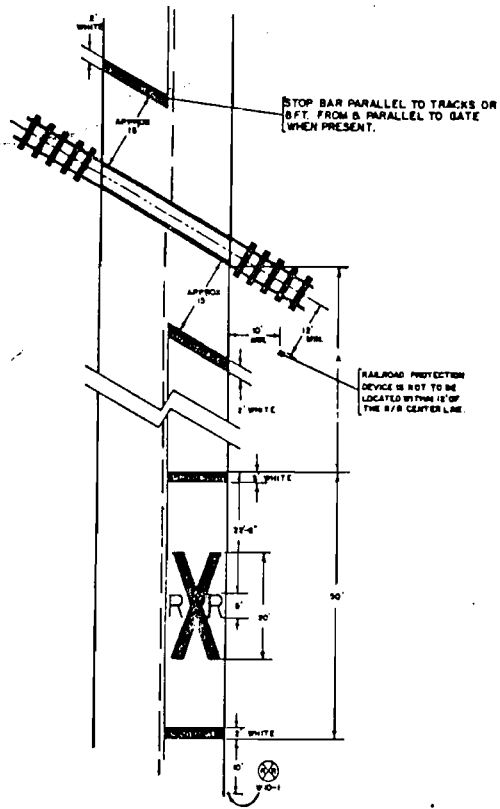
REVISIONS			
DATE	INITIALS	DESCRIPTION	
3-19-77	J.J.	ADDED 6000 TYPE SIGNAL CROSSING BELL	
11-9-77	J.J.	ADDED SHEET BIDS TO INDEX	

INITIALS	DATES	Recommended by (approved)
CS	4-8-76	<i>R.L. ...</i>
RM	4-8-76	<i>R.L. ...</i>
		<i>F.L. ...</i>
REU		State Traffic Control Devices Eng.

DRAWING NO. 1 or 3
INDEX NO. 17882

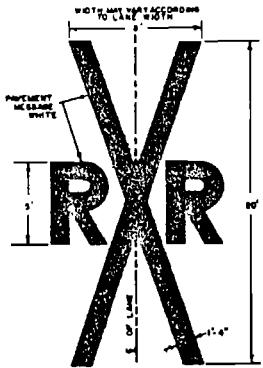
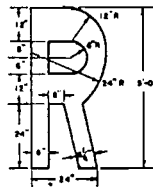
CROSSING TRAFFIC SHEETS
FOR PAVEMENT PLAN.

RAILROAD CROSSING AT
TWO (2)-LANE ROADWAY

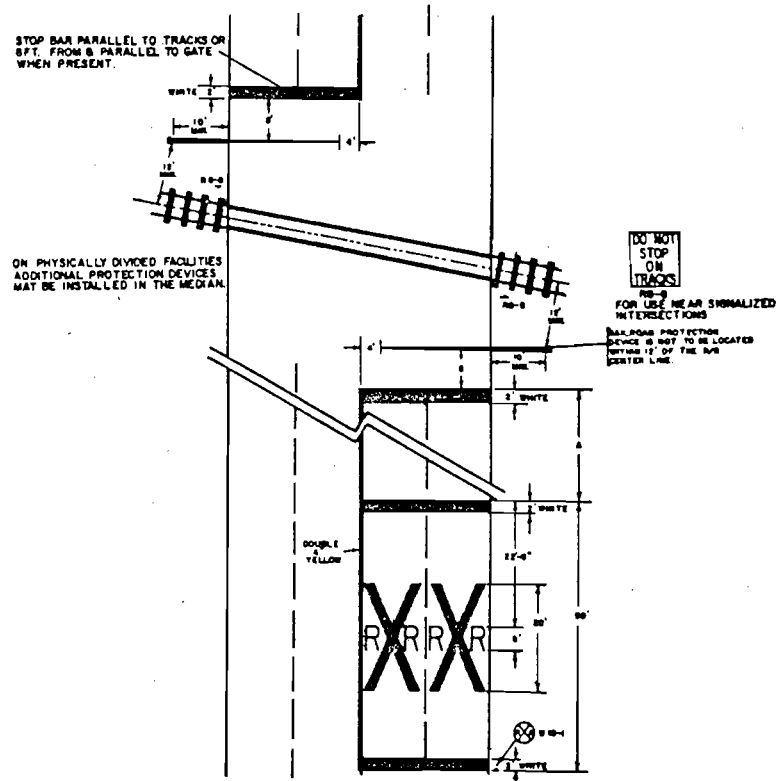


SPEED M.P.H.	"A" IN FT.
70	600
60	475
50	350
40	275
30	200
URBAN	50 MIN.

"A" VALUE IS BASED ON A. A. S. H. O. MIN. S. S. D.



RAILROAD CROSSING AT
MULTI-LANE ROADWAY



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

REVISIONS			INITIALS	DATE	Recommended by
DATE	INITIALS	DESCRIPTION	Designed by	J.M.C.	10/28/77
8-8-77	J.J.	ADDED TO INDEX	Checked by		Deputy Traffic Operations Eng.
			Checked by		Approved by
			Checked by		State Traffic Operations Eng.
			Supervised by	E.C.C.	DRAWING NO. INDEX NO.
					3 OF 3 17062

