



Florida Department of Transportation

JEB BUSH
GOVERNOR

2250 Irene Street
Jacksonville, FL 32204
February 1, 1999

THOMAS F. BARRY, JR.
SECRETARY

Mr. J. W. Wollenzien
Public Projects Engineer
CSX Transportation, Inc.
PO Box 45052
Jacksonville, FL 32232-5052

New Project ID Number: 212635-1-57-01
FAP No. SP-000S-420
CR 200A/Chester Rd.
Nassau County, Parcel 2(74600(X&S-P))
Crossing No. 620804-A, RRMP: SMA 36.09

Dear Mr. Wollenzien:

We are enclosing one fully executed agreement dated January 29, 1998, involving your Company and covering the installation of flashing lights and gates and relocation of a flashing light in the NE quadrant 5' to the east, and widening of the crossing surface estimated at \$103,900.00.

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 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,

Lillian G. Porter
District Rail Coordinator

/JJ

Enclosure

cc: Anne Brewer, Administrator, Rail Operations, MS 25
George Richards, District Construction Railroad Coordinator, L.C. Constr., MS 2102
Linda Green, District Financial Administrator, MS 2006
Bill Bell, CSX Roadmaster, Jacksonville
Donna Whitney, District Two Rail Office, MS 2018
✓ J.M. "Chip" Oxley, Jr., Ex-Officio Clerk, Nassau County

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
RAILROAD REIMBURSEMENT AGREEMENTS
GRADE CROSSING TRAFFIC CONTROL DEVICES - COUNTY

FINANCIAL PROJECT ID	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
21263515701	CR200A/CHESTER RD	NASSAU	2(74600(X&S-P)	SP-000S-420

THIS AGREEMENT, made and entered into this 29TH day of January, 1999,
 by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter called the
 DEPARTMENT, and CSX TRANSPORTATION, INC., a corporation of CSX TRANSPORTATION, INC.,
 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 Financial Project Number 21263515701,
 on CR200A/CHESTER RD., which crosses at grade the right of way and
 tracks of the COMPANY'S Milepost SMA 36.09,
 FDOT/AAR Crossing Number 620804A, at or near YULEE,
 as shown on DEPARTMENT'S Plan Sheet No. 1, attached hereto as a part hereof; and

WHEREAS, the work contemplated hereunder is subject to the provisions of the Federal Highway
 Administration Federal-Aid Policy Guide, Subchapter B, Part 140, Subpart I, as amended, and Federal-Aid Policy
 Guide, Subchapter G, Part 646, Subpart B, as amended, and 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
 \$ 103,900, 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 Standards Index Number 17882; and (3)
 Federal-Aid Policy Guides mentioned above, 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 on Uniform Traffic Control Devices (MUTCD) 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 as detailed in this agreement, pursuant to Paragraph A.1, as billed by the COMPANY, pursuant to Paragraph A.3.

2. Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the State Comptroller under Section 215.422(14), Florida Statutes.

C. The PARTIES agree:

1. That fifty percent (50%) of the cost for the operation and maintenance of the devices by the COMPANY shall be borne by the COUNTY and fifty percent (50%) shall be borne by the COMPANY, in accordance with the attached Schedule of Annual Cost of Automatic Highway Grade Crossing Traffic Control Devices, subject to future revision.

2. That the cost of any adjustment, relocation or replacement of said devices shall be assumed by the party initiating such action, unless otherwise provided for in this contract, existing contracts between the parties, or in existing contracts between one of the parties and a third party. Unless otherwise agreed upon herein, the COUNTY agrees to insure that at the crossing the advance warning signs and railroad crossing pavement marking will conform to the MUTCD within 30 days of notification that the railroad signal improvements have been completed and that such signs and pavement markings will be continually maintained at an acceptable level.

~~3. The COMPANY covenants and agrees that it will indemnify and hold harmless the DEPARTMENT and all of the DEPARTMENT'S officers, agents and employees from any claim, loss, damage, cost charge or expense arising out of any act action, neglect, omission or delay by the COMPANY during the performance of the contract, whether direct or indirect, and whether to any person or property to which the DEPARTMENT or said parties may be subject, except that neither the COMPANY nor any of its sub-contractors will be liable under this section for damages arising out of injury or damage to persons or property directly caused or resulting from the sole negligence of the DEPARTMENT or any of its officers, agents or employees.~~

MORRIS
1/2/99

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 at otherwise provided herein.

5. That the cost of maintaining any additional or replacement signal equipment at the same location will be shared as provided under Paragraph C.1. above.

6. F.S. Section 287.058

If this Contract involves units of deliverables, then such units must be received and accepted in writing by the Contract Manager prior to payments.

Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper preaudit and postaudit thereof.

Bills for travel expenses specifically authorized in this Agreement shall be submitted and paid in accordance with Section 112.061, Florida Statutes.

7. F.S. Section 215.422

Contractors providing goods and services to the Department should be aware of the following time frames. Upon receipt, the Department has five (5) working days to inspect and approve the goods and services, unless the Agreement specifies otherwise. The Department has 20 days to deliver a request for payment (voucher) to the Department of Banking and Finance. The 20 days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

If a payment is not available within 40 days, a separate interest penalty at a rate as established pursuant to Section 215.422(3)(b), Florida Statutes, will be due and payable, in addition to the invoice amount, to the Contractor. Interest penalties of less than one (1) dollar will not be enforced unless the Contractor requests payment. Invoices which have to be returned to a Contractor because of Contractor preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

A Vendor Ombudsman has been established within the Department of Banking and Finance. The duties of this individual include acting as an advocate for contractors/vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (9850) 488-2924 or by calling the State Comptroller's Hotline, 1-800-848-3792.

Records of costs incurred under terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for three years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred includes the Contractor's general accounting records and the project records, together with supporting documents and records, of the Contractor and all subcontractors performing work on the project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.

8. F.S. Section 287.133 2(a)

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a

contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in s.287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

9. F.S. Section 287.0582

The Department's obligation to pay under this section is contingent upon an annual appropriation by the Florida Legislature.

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.

The State of Florida's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. In the event this Agreement is in excess of \$25,000 and has a term for a period of more than one year, the provisions of Chapter 339.135(6)(a), Florida Statutes, are hereby incorporated:

"The Department, during any fiscal year, shall not expend money, incur and liability, or enter into any contract which, by its terms involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the service to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the department which are for any amount in excess of 25,000 dollars and which have a term for a period of more than 1 year."

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

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

BY: [Signature]
(TITLE: District Secretary)

ATTEST: Prisa Lambert

CSX TRANSPORTATION, INC.

BY: [Signature]
AS ITS: R. K. Beckham
Chief Engineer Sys Reliability

ATTEST: [Signature]
Assistant Secretary

NASSAU COUNTY, FLORIDA

BY: [Signature]
J. H. Cooper
(TITLE: Chairman)

Approved as to Form by the
Nassau County Attorney
[Signature]
Michael S. Mullin

ATTEST: [Signature]
J. M. "Chip" Oxley, Jr.
Ex-Officio Clerk

Approved as to Form and Legality
BY: [Signature] 1-21-99
Attorney - DOT Date

Approved as to Funds Available
See attached encumbrance
BY: dated 10/30/98
Fiscal - DOT Date

Approved as to FHPG Requirements
Exempt from FHWA
BY: Policy Review
FHWA Date

COUNTY RESOLUTION

GRADE CROSSING TRAFFIC CONTROL DEVICES AND FUTURE RESPONSIBILITY

FORM 725-090-55
RAIL - 09/93

PROJECT ID NUMBER	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
212635-1-57-01	CR200A/Chester Road	Nassau	2 74600 (X & S - P)	SP-000S(420)

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. 98-128

ON MOTION OF Commissioner DEONAS,
seconded by Commissioner MARSHALL, 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, on CR200A/Chester Road, 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;

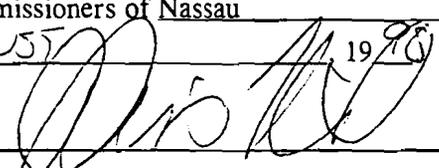
That Nassau County enter into a RAILROAD REIMBURSEMENT AGREEMENT with the State of Florida Department of Transportation and the CSX Transportation, Inc. Company for the installation and maintenance of certain grade crossing traffic control devices designated as Project ID No. 212635-1-57-01 on CR200A/Chester Road 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 CSX Transportation, Inc. Company as herein described; and

That this RESOLUTION shall take effect immediately upon adoption.

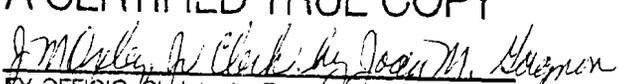
INTRODUCED AND PASSED by the Board of County Commissioners of Nassau
County, Florida, in regular session this 10TH day of AUGUST, 1998


Chairman of the Board of County Commissioners
Chris Kirkland

ATTEST:  (SEAL)

Ex-Officio Clerk of the Board of County Commissioners
J. M. Oxley, Jr.

A CERTIFIED TRUE COPY


EX-OFFICIO Clerk to the Board of County Comm.
Nassau County, Florida

Deputy Clerk

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

Reason for RUSH :

___ Advertise _____ (Letting Date) ___ Termination/Cert of Comp
 ___ Award ___ LOA ___ Supplemental ___ Renewal ___ Correction
x New ___ Addition ___ Court Order ___ Overrun

Contract # AG540 Contract Type AC 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 ___ N/A

Fed Agmt Amt _____ State Funds _____ Local Funds _____

Beginning date of this Agmt: 10/30/98 (Must be after fund approval)

Ending date of this Agmt: 10/30/02 (Estimate if necessary)

Execution date of this Agmt: ___/___/___ (Only on original agreements)

Has work been authorized to begin? ___ Yes X No

Have standard financial provisions been altered by contract terms?

___ Yes X 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 X No

Brief Description of Work/Comments: Install flashing lights and
 gates

and relocate flashing light in the NE quadrant 5' to the east.

Widen existing crossing surface to 24'.

ORG-CODE	*EO	* OBJECT	* AMOUNT	*FIN PROJ or JOB #	*FCT
(FISCAL YEAR)				(FUND)	alpha

=====

55	024010206	*11	* 563002	* \$103,900.00	* 21263515701	*127
	(98/99)				(SP)	

55	xxxxxxxxxx	*xx	* xxxxxxxx	* \$ _____	* xxxxxxxxxxxxxx	*xxx
	(xx/xx)				(xxxx)	

55	xxxxxxxxxx	*xx	* xxxxxxxx	* \$ _____	* xxxxxxxxxxxxxx	*xxx
	(xx/xx)				(xxxx)	

 TOTAL AMOUNT * \$103,900.00 *

Originator: James L. Jenkins DATE SENT: 10/30/98 PH/SC: 824-8915

E-mail USERID(s) PT227JJ

TO BE COMPLETED BY OFFICE OF COMPTROLLER

BUDGET ENTITY 5590 CATEGORY 088796-99

WORK PROGRAM VERIFICATION N/A

ALLOTMENT _____ YEAR _____ DATE CHECKED _____

CI X 6S LINE 0001

FUNDS APPROVED BY JOHN FAIN

FOR THOMAS F. BOYD, CPA, COMPTROLLER DATE: 10/30/98

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

FORM 725-090-41
 RAIL
 OGC - 07/96

FINANCIAL PROJECT ID	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
21263515701	CR200A/CHESTER RD	NASSAU	2(74600(X&S-P)	SP-000S-420

COMPANY NAME: CSX Transportation, Inc.

A. JOB DESCRIPTION & LOCATION: Install flashing lights and gates and widen existing crossing.

B. TYPE OF ROADWAY FACILITY: _____

C. FDOT/AAR XING NO.: 620804-A RR MILE POST TIE: SMA 39.06

D. TYPE SIGNALS PROPOSED III CLASS III DOT INDEX: 560

**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	\$1,637.00
II	Flashing Signals - Multiple Tracks	\$2,166.00
III	Flashing Signals and Gates - One Track	\$2,468.00
IV	Flashing Signals and Gates - Multiple Tracks	\$3,098.00

AUTHORITY: FLORIDA ADMINISTRATIVE RULE 14-46.002
 Responsibility for the Cost of Automatic Highway
 Grade Crossing Traffic Control Devices

EFFECTIVE DATE: July 22, 1982

GENERAL AUTHORITY: 334.044, F.S.

SPECIFIC LAW IMPLEMENTED: 335.141, F.S.

*This schedule will become effective July 1, 1996 and will be reviewed every 5 years and revised as appropriate based on the Consumer Price Index for all Urban Consumers published by the U.S. Department of Labor.

WORK DESCRIPTION

GRADE CROSSING TRAFFIC CONTROL DEVICES

FINANCIAL PROJECT ID	ROAD NAME OR NUMBER	COUNTY NAME	PARCEL & R/W NUMBER	FAP NUMBER
21263515701	CR200A/CHESTER RD	NASSAU	2(74600-X&S-P)	SP-0005-420

RAILROAD COMPANY

CSX TRANSPORTATION, INC.

A. JOB DESCRIPTION & LOCATION: Install flashing lights and gates and widen existing crossing.B. TYPE OF ROADWAY FACILITY: Two lane county roadC. FDOT/AAR XING NO.: 620804-A RR MILE POST TIE: SMA 39.06D. TYPE SIGNALS PROPOSED: III CLASS: III DOT INDEX NO.: 560

E. STATUS AND PROPOSAL:

1. EXISTING DEVICES: (See Agreement dated _____)

- 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. N/A By others (_____ Company)
- 2. _____ By Railroad Company.

G. AUTHORITY REQUESTED: (Draft attached: Yes No)

- 1. Agreement (Third Party Participating County of Nassau)
- 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:

Negotiations to be completed by: _____

Signal installation target date: _____

Synchronization: (Draft attached Yes No)

**GENERIC INSTALLATION ESTIMATE
GRADE CROSSING TRAFFIC CONTROL DEVICES**

To: Florida Dept. of Transportation For: Type 3 , Class 3 Signals

DOT Project No.: _____ , New Installation Modification
 Location: YULEE County: NASSAU State: Florida
 Road Jurisdiction: STATE , Road Name: CHESTER ROAD CR 200A
 FDOT/AAR Xing No.: 620 8044 RR MP: SMA - 39.10

I. Preliminary Engineering: Company Forces Contract \$ 7,600
 II. Construction Supervision: Company Forces Contract \$ 3,400

III. Material:

Highway Grade Crossing Signal Assembly	\$ 16,000
Control Equipment <u>Reuse PMP-2</u>	\$ 27,000
Field Material	\$ 18,300
Material Transportation	\$ 1,000
Material Handling	\$ 3,200
Material Sales Tax	\$ 4,300
Total Material	\$ 69,800

IV. Equipment:

Company Owned	\$ 500
Rental	\$ 5,300
Total Equipment	\$ 5,800

V. Labor:

Direct Labor	\$ 10,100
Holidays, Vacation, and Pension	\$ 4,300
Payroll Taxes	\$ 4,300
Insurance	\$ 1,600
Meals and Lodging	\$ 4,000
Total Labor	\$ 24,300
Sub-Total	\$ 110,900

VI. Miscellaneous Items:

<u>CREDIT FOR PMP-2</u>	\$ <u>(8000)</u>
<u>CABLE FOR EXTRA SIDE LIGHTS</u>	\$ <u>1000</u>
_____	\$ _____
_____	\$ _____

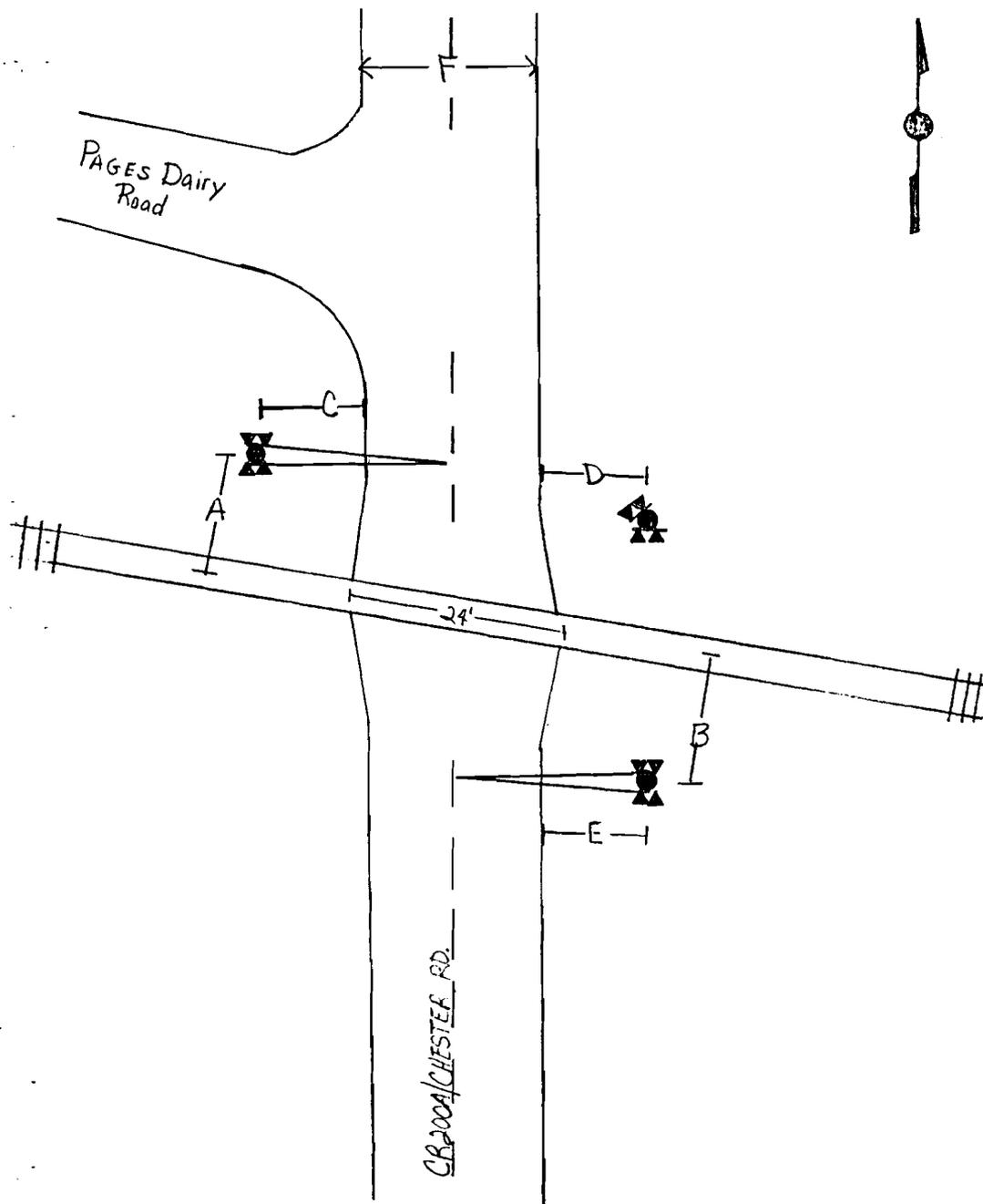
VII. Total Estimated Cost: \$ 103,900

VIII. Submitted By: CSXT (John A. Helms, 9/29/97)
RR Co. (Representative and Date)

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

COUNTY WILL EXTEND NW-SE-NE QUAD CULVERT + BACKFILL
 FDOT TO WIDEN XING AT TRACK TO 24'

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



PROJECT NO. _____
W.P.I. NO. _____
FAP NO. _____
A. 15'
B. 15'
C. 12' 3"
D. 12' 3"
E. 12' 3"
F. 20'

REMARKS: EXISTING: THREE SETS OF FLASHING LIGHTS,
ADVANCED WARNING SIGNS, RAILROAD PAVEMENT
SYMBOLS AND STOP BARS.

RECOMMENDATIONS: CSX TRANSPORTATION, INC. TO
INSTALL FLASHING LIGHTS AND GATES AND RELOCATE
FLASHING LIGHT IN THE NE QUADRANT 5' TO THE EAST TO
BRING IT UP TO DOT STANDARDS. CSX TO ALSO WIDEN
EXISTING CROSSING SURFACE TO 24' PLUS 5' PAVING ON
ON EACH SIDE AND NECESSARY PAVING.

NASSAU COUNTY TO EXTEND 3 CULVERTS IN THE NE,
NW, AND SE QUADRANTS AND TO FURNISH NECESSARY
FILL DIRT. COUNTY ALSO TO INSTALL PAVEMENT
SYMBOLS TO CONFORM TO DOT MUTCD AND SIDE STREET
WARNING SIGN (W10-4) ON PAGES DAIRY ROAD.

FLORIDA DEPARTMENT OF TRANSPORTATION
RAIL-HIGHWAY GRADE CROSSING IMPROVEMENT

CROSSING NO. 620804-A COMPANY CSX
TYPE: III CLASS: III
LOCATION: CR 200A/CHESTER ROAD
DRAWN BY: D. WHITNEY DATE: 7/29/97

ALL IMPROVEMENTS TO BE MADE IN ACCORDANCE
WITH D.O.T. STANDARD INDEX NO. 17882.
NOT TO SCALE

7/01/97

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

PAGE 1

PROJECT NO. _____

W.P.A. NO. _____

CROSSING NO.: 620804-A PRIORITY NO.: 1826 COUNTY: NASSAU CITY: CALLAHAN RDWY: CR-200A

CLASSIFICATION/LOCATION: DATE LAST UPDATED: 940607

R.R. CO.: CSX SYSTEMS R.R. BRANCH: SMA STATION: CALLAHAN R.R. MILEPOST: 0039.06
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: 960403

EXISTING WARNING : FL TYPE OF TRAIN DETECTION: UNKNOWN PREEMPTION: N ADVANCE WARNING: N

PHYSICAL DATA: DATE LAST UPDATED: 920929

R.R. CROSSING ANGLE: 90 DEGREES NO. OF THRU LANES: 02 OTHER LANES: 0 HIGHWAY SPEED: 045 DIST. TO INTERSECT.: 00000
ACTUAL STOPPING SIGHT DIST.(FT): 375 MIN. CLEAR QUAD. SIGHT DIST.(FT): 025 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: 970418

TRAFFIC VOL.(ADT): 002981 AS OF 960108 SCHOOL BUS COUNT: 008 AS OF 1997 PERCENT TRUCKS: 1.50 HAZARDOUS MATLS.: U

SAFETY DATA: DATE LAST UPDATED: 970514

PRED. ACCID./YEAR: 000.029 SAFETY INDEX: 68.14 RECOMMENDED WARNING DEVICE: FL ESTIMATED COST: 0000.0 THOUSAND

DESCRIPTION OF SITE/INSTALLATION CONFLICTS: _____

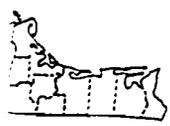
REVIEW TEAM RECOMMENDATION: CSX TRANSPORTATION, INC. TO INSTALL FLASHING LIGHTS AND GATES AND RELOCATE FLASHING LIGHT IN THE NE QUADRANT 5' TO THE EAST TO BRING IT UP TO DOT STANDARDS. CSX ALSO TO WIDEN EXISTING CROSSING SURFACE TO 24'. DATE REVIEWED 7/29/97 BY _____

REVIEW TEAM PERSONNEL: D.O.T. RAIL LILLAN PORTER D.O.T. SAFETY TOM CAVIN RAILROAD CO. JOHN HILL, CSX REP.
FHWA LOCAL JOHN MYERS, NASSAU CO. BASIL McKNIGHT DOT MAINT-BOB CUMMINGS
TALL RAIL-SCOTT ALLBRITTON DOT CONST.-GEORGE RICHARDS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
RAIL-HIGHWAY CROSSING GAMING SAFETY-INDEX

REQUESTED		CROSSINGS													BY CROSSING NUMBER													
CO	SEC	SEC.MP	SR-NUMBR	CITY	RRID	NO/UN	TK	ADTVOL	SSD	RSD	HC	S-WID	MAINTENANC	-WARNING--	TRAFF	WPA NO.	RECOM-WARN	SI	XINGNUM									
-LOCAL STREET NAME--		SB	RRMI.PT	MAX	LN	HSP	CQD	P	VC	P	I	A	D	S	C	T	A	N	O	UPGDTE	P	ACC	FUND	COST.R	ACC.POT	RANK		
		SB		MAX	LN	HSP	CQD	P	VC	P	I	A	D	S	C	T	A	N	O	UPGDTE	P	ACC		COST.R	ACC.POT			
74	000	000.000	CR-200	0275	C807	04/DA	01	002981	375	375	00	3	000	COUNTY	FL	FREIG	2128020	FL								68.1	620804A	
	CR-200A			08	0039.06	035	02	045	025	3	00	Y	N	N	9	Y	3	3	9	N	032487	N	000			000.0	000.029	1826
																										FL	58.7	
																										FL	000.069	

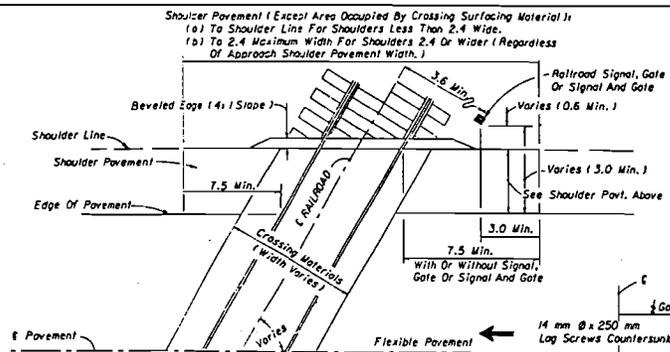
791 to 799



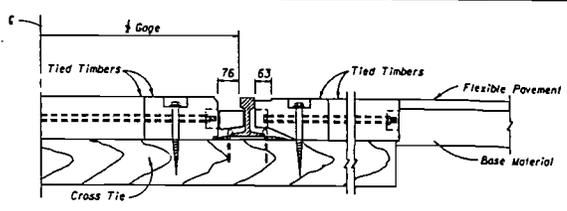
- GENERAL LEGEND**
- STATE BOUNDARY LINE
 - COUNTY BOUNDARY LINE
 - CIVIL TOWNSHIP BOUNDARY
 - EXTENDED TOWNSHIP LINE
 - LAND GRANT LINE
 - LAND SECTION LINE
 - FOREST OR PARK BOUNDARY
 - LOCATION OF INSET BOUNDARY WITHIN MAP
 - COUNTY SEAT
 - OTHER CITY OR VILLAGE
 - /// CORPORATE LIMITS
 - ☆ DELIMITED AREA
 - ★ WELCOME STATION
 - ⊠ MAYS DE PARK OR SMALL PARK
 - ⊠ PARK WITH BOAT RAUP
 - ⊠ BOAT RAUP
 - ⊠ POST OFFICE
 - HIGHWAY WITH FULL CONTROL OF ACCESS
 - HIGHWAY INTERCHANGE
 - DIVIDED HIGHWAY
 - HARD SURFACED ROAD
 - SOIL, GRAVEL OR SHELL SURFACED ROAD
 - GRADED AND DRAINED ROAD
 - UNIMPROVED ROAD
 - PRIVATE ROAD
 - STREETS IN INSET OR DELIMITED AREAS
 - EXTENSION OF LOCAL ROADS WITHIN CITY LIMITS
 - INTERSTATE ROUTE
 - U.S. ROUTE
 - STATE ROUTE
 - COUNTY ROUTE
 - RAILROAD
 - DOUBLE TRACK RAILROAD



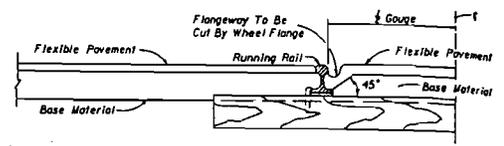
Crossing No. 620804-A
County Road 200A



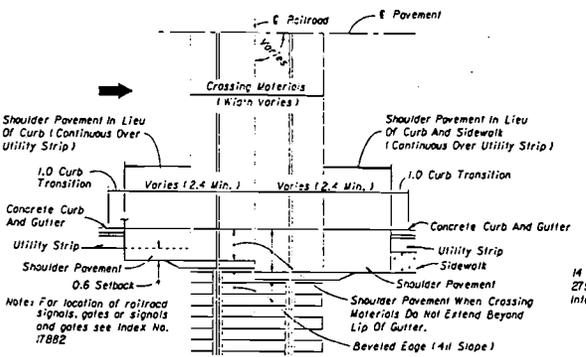
HALF PLAN RURAL



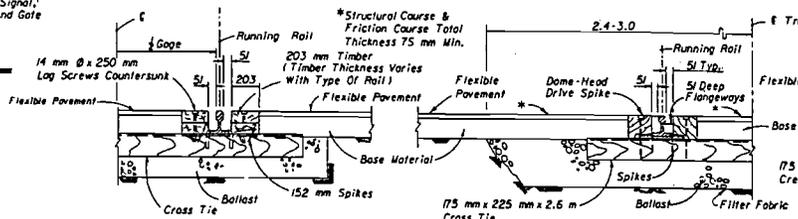
HALF SECTION TYPE D



HALF SECTION TYPE E

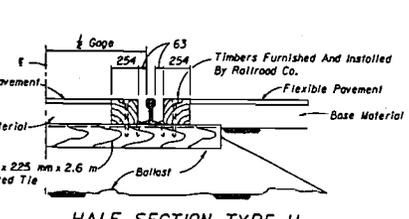


HALF PLAN MUNICIPAL

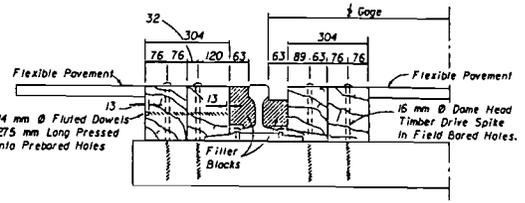


HALF SECTION TYPE G

HALF SECTION TYPE G MODIFIED



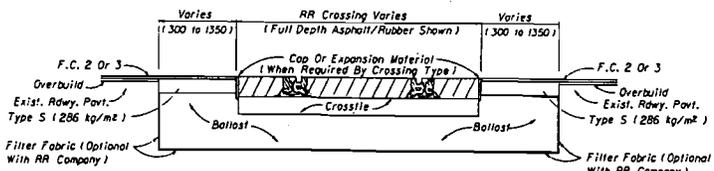
HALF SECTION TYPE H



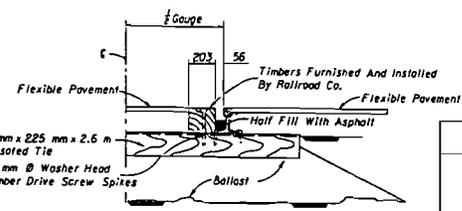
HALF SECTION TYPE L

NOTES

1. The agreement is a contract between the F.O.D.T. and the railroad company.
2. The railroad company may construct header curbs as needed.
3. The Railroad Company will furnish and install all track bed (ballast), cross-ties, rails, crossing surface panels and accessory components. All pavement material, including that through the crossing, will be furnished and installed by the Department or its contractor, unless negotiated otherwise.
4. Gage is standard A.R.E.A. track gage of 1435 mm.



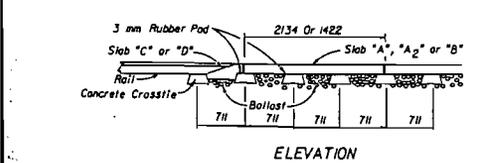
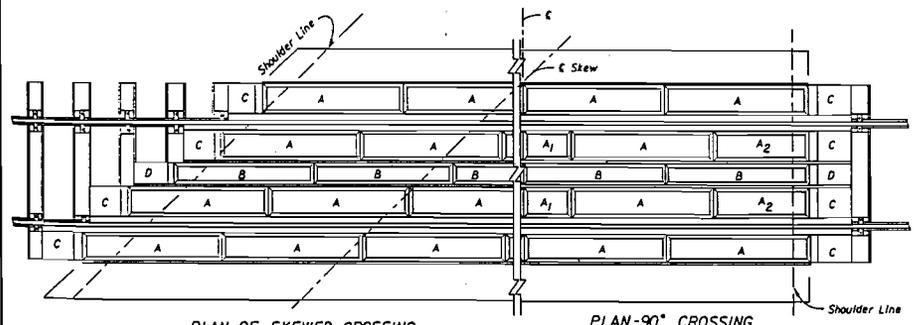
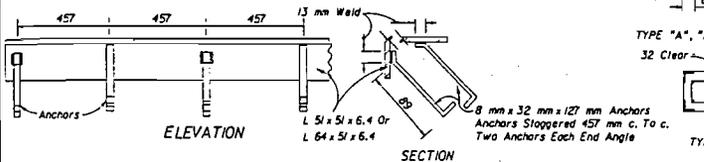
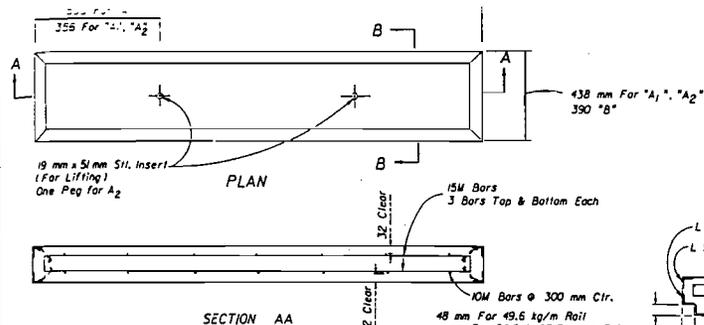
TYPICAL FLEXIBLE PAVEMENT REPLACEMENT AT RR CROSSINGS



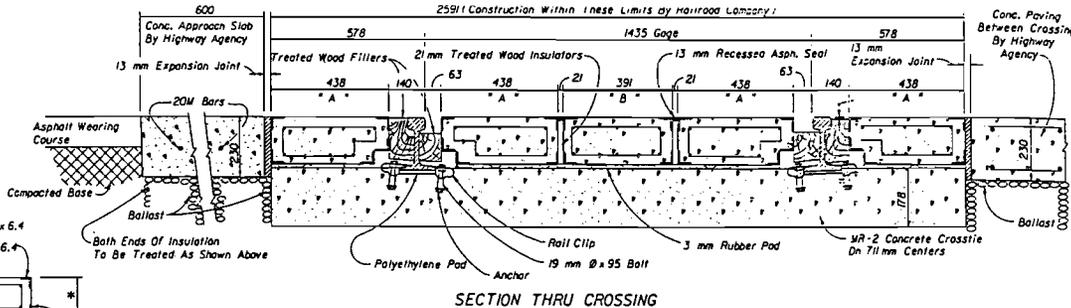
HALF SECTION TYPE S

TYPE D F G G-MOD H I & S

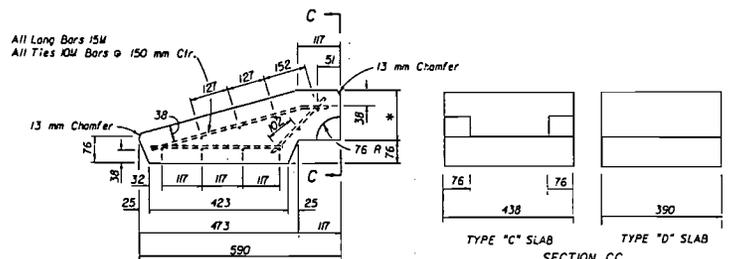
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN			
RAILROAD CROSSINGS			
Designed By	Checked	Approved By	
Drawn By	JWC	DE/48	State Highway Design Engineer
Checked By	JWC	DE/48	Permitting Eng.



CONCRETE PAVING BETWEEN MULTIPLE CROSSINGS
(Cost Of Reinforcing To Be Included In The Cost Of Concrete, See Note No. 6)



*SLAB THICKNESS VARIES
145 For 49.6 kg/m Rail
152 For 56.9 kg/m Rail
175 For 65.5 kg/m Rail



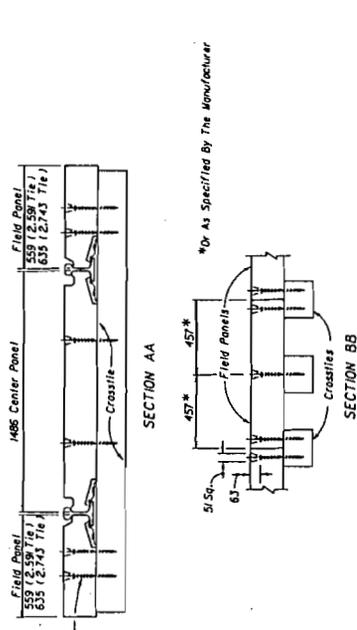
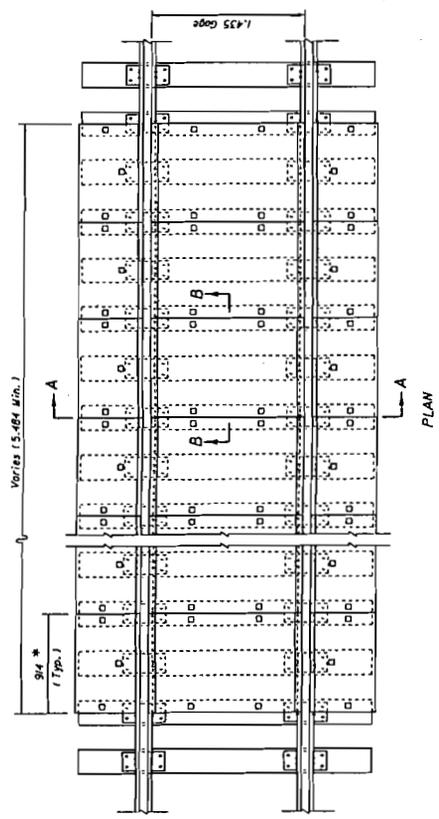
TYPE "C" & "D" SLAB DETAILS

NOTES

1. The furnishing and installing of concrete cross-ties together with any necessary re-balling, grade adjustment and track alignment shall be done by the Railroad Company without cost to the Contractor or to the Highway Agency.
2. All concrete slabs, rubber pads for tops of ties and wood filler blocks shall be furnished and installed by the Railroad Company.
3. Concrete cross-ties shall be spaced on 711 mm centers.
4. Rubber pads shall be installed on concrete ties in field using contact cement.
5. Filler blocks shall be pressure treated pine or clear heart redwood and shall be shaped prior to treatment.
6. Cost of concrete and reinforcing steel necessary for approach slabs and paving between multiple crossings shall be paid for by the Highway Agency under the contract unit price for Cement Concrete Pavement Reinforced, (230 mm), M2.

TYPE K

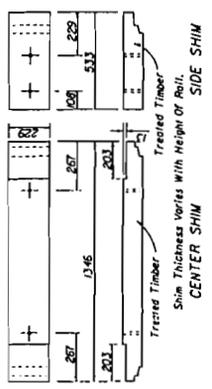
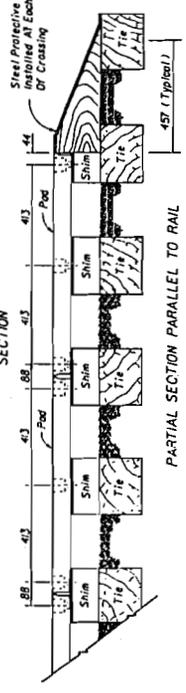
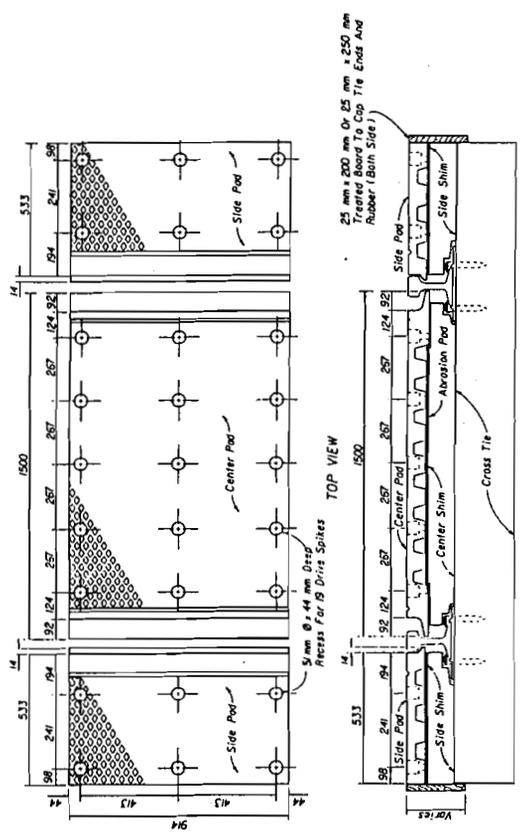
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN					
RAILROAD CROSSINGS					
Designed By	Date	Approved By	Division No.	Sheet No.	Project No.
Drawn By	1/8	05/69			
Checked by	JAC	05/69			
F.L.W.A. Approved	03/20/71	94	2 of 5	560	



HEAVY DUTY - FULL DEPTH RUBBER CROSSING
TYPE R FULL DEPTH

STOP ZONE	Zone Length Distance From Stop, (m)
Design Speed 70 Or Less	80.0
80-90	110.0
100	150.0
110	180.0

- NOTES
1. The crossings shown on this sheet are NOT to be used for multiple track crossings within zones for an existing or anticipated future vehicular stop. Zone lengths are charted above.
 2. Crossings on this sheet may be used for single track crossings within the zones on the chart unless engineering or safety considerations dictate otherwise.
 3. The spacing is critical; ties shall be spaced in accordance with the manufacturer's specifications.
 4. Details shown are for straight track installations. Materials are also available for curved track installations.
 5. For additional details, materials required and installation procedures refer to the manufacturer's specifications.



TYPES R RUBBER & R FULL DEPTH RUBBER

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD SECTION

RAILROAD CROSSINGS

DATE: 11/11/11
DRAWN BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

SCALE: 3 OF 5

560

