

RESOLUTION NO. 2013- 10

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR TO EXECUTE AN IMPACT FEE CREDIT AGREEMENT WITH St. Augustine Associates, Inc.

WHEREAS, St. Augustine Associates, Inc. is the Developer of certain lands contained within the St. Augustine Centre (the Project) as described and approved in St. Johns County Resolution No. 97-77 as amended; and

WHEREAS, Section 13 of St. Johns County Ordinance No. 87-57, as amended, St. Johns County Road Impact Fee Ordinance allows for impact fee credits to be granted by the Board of County Commissioners for the improvements made as identified within the Impact Fee Agreement attached hereto and incorporated herein; and

WHEREAS, in accordance with the County Road Impact Fee Ordinance, St. Augustine Associates, Inc. is entitled to certain impact fee credits for certain improvements.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of St. Johns County, Florida that:

Section 1. The County Administrator is hereby authorized to approve and execute an Impact Fee Credit Agreement with St. Augustine Associates, Inc. substantially in the form of that which is attached hereto and incorporated herein by reference for those improvements identified within the Road Impact Fee Ordinance which are eligible for impact fee credits.

Section 2. Upon acceptance by the County Administrator, the Clerk is instructed to record the agreement in the official records of St. Johns County, Florida.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida this 15 day of January, 2013.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

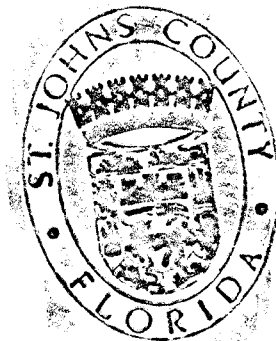


John H. Morris, Chairman

ATTEST:
CHERYL STRICKLAND, CLERK

By: 

Deputy Clerk



**IMPACT FEE CREDIT AGREEMENT
("AGREEMENT")**

Road Impact Fees

THIS AGREEMENT is made this _____ day of _____, 2013, by and among the **BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA** ("County") and **St. Augustine Associates, Inc.**

RECITALS:

- A. **St. Augustine Associates, Inc.** is the Developer and projected Impact Feepayer of certain lands contained within the **St. Augustine Centre DRI** ("Project"), as described and approved in St. Johns County **Resolution No. 97-77, as amended.**
- B. Pursuant to St. Johns County **Ordinance No. 87-57**, as amended, ("**Road** Impact Fee Ordinance"), the County requires any person who seeks to develop land within St. Johns County, as evidenced by such person's application for a building permit or certificate of occupancy ("Feepayer"), to pay a **Road** impact fee, so as to assure that such new development bears a proportional share of the cost of capital expenses necessary to provide roads within St. Johns County.
- C. **Section 13B** of the **Road** Impact Fee Ordinance allows impact fee credits to be granted for certain **improvements** ("**Road** Impact Fee Credits").
- D. Pursuant to the County requirements of the Land Development Code **Section 13, St. Augustine Associates, Inc. has made improvements at the SR 16/McDonalds/BP Drive intersection**, which is recognized as meeting the requirements for **Road** Impact Fee Credits.
- E. Pursuant to the terms of the **Road** Impact Fee Ordinance, County and **St. Augustine Associates, Inc.** desire to set forth their agreement and a procedure for the applicant and treatment of such **Road** Impact Fee Credits.

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. The above stated Recitals are incorporated herein as Findings of Facts.
2. The total **Road** Impact Fee Credits will be calculated as the sum shown on **Exhibit A** in the **amount of \$194,253.32** (see attached **Exhibit A**).
3. **Method of Issuance.** From and after the date of the execution of this Agreement, so long as there is any balance remaining in the Impact Fee Credit Account, all Feepayers applying for building permits or certificates of occupancy in connection with any construction within the DRI, as may be amended from time to time, shall pay the amount due under the then-current Road Impact Fee Ordinance directly to St. Augustine Associates, Inc. St. Augustine Associates, Inc. shall be fully responsible for notifying all Feepayers of this requirement and shall ensure that such payments are directly paid to St. Augustine Associates, Inc. Then, for so long as the total Road Impact Fee Credits for which St. Augustine Associates, Inc.

has issued vouchers under this Agreement is less than the total Road Impact Fee Credits authorized by this Agreement, St. Augustine Associates, Inc. shall issue to such Feepayers a voucher evidencing full payment of the Road Impact Fees in connection with such Feepayer's application for a building permit or certificate of occupancy. The voucher issued by St. Augustine Associates, Inc. shall contain a statement setting forth the amount of Road Impact Fee paid and shall be in substantially the same form as set forth on the attached Exhibit D. Upon presentation of such voucher by the Feepayer, the County shall issue a receipt to the Feepayer and shall deduct the amount of such voucher from the Road Impact Fee Credit Account.

4. In the event that **St. Augustine Associates, Inc.** determines to sell all or part of the Project, **St. Augustine Associates, Inc.** may sell, transfer, assign or convey any of its interest in part of the **Road** Impact Fee Credits to such purchaser, transferee, assignee or grantee for use within the Project for such consideration as **St. Augustine Associates, Inc.** in its sole discretion, determines. In such event, **St. Augustine Associates, Inc.** shall execute and deliver to the County a copy of the instrument selling, transferring, assigning or granting the **Road** Impact Fee Credits so sold, transferred, assigned or granted and the remaining amount of **Road** Impact Fee Credits, if any, shall remain vested in **St. Augustine Associates, Inc.**. The Parties agree that no impact fee credit may be used or applied to development outside the Project without the specific approval of the County, and that such approval may be denied based on factors including, but not limited to the relationship of the **improvements** to the particular development to which credits are transferred. Developer acknowledges that only one Impact Fee Credit account may exist at any given time for the Development Property.
5. On or before January 31 of each year, so long as there remains any **Road** Impact Fee Credits, **St. Augustine Associates, Inc.** shall prepare and deliver to the County Growth Management Department an annual report setting forth the amount of **Road** Impact fee payments made by the Feepayers applying for building permits or certificates of occupancy within the Project and the remaining balance of **Road** Impact Fee Credits.
6. At such time as the **Road** Impact Fee Credits provided for hereunder have been exhausted, **St. Augustine Associates, Inc.** or the Feepayer seeking building permits or certificates of occupancy within the Project shall pay the County the **Road** Impact Fees as are then due and payable under the **Road** Impact Fee Ordinance in effect at that time.
7. Miscellaneous Provisions
 1. This Agreement shall be constructed and governed in accordance with the laws of the State of Florida. All parties to this Agreement have participated fully in the negotiation and preparation hereof and accordingly, this Agreement shall not be more strictly construed against any one of the parties hereto. All parties agree particularly that this Agreement is bound by the terms of the County's **Road** Impact Fee Ordinance and other applicable ordinances. Any and all applicable terms of those Ordinances are to be considered incorporated herein by reference. If there is any inconsistency found between this Agreement and such Ordinances or applicable law, those Ordinances or law shall prevail and be applicable.
 2. The Parties agree that **Road** Impact Fee Ordinance **Section 13** limits the total amount of impact fee credits given to an amount not greater than the

total amount of impact fees due for the Project. The parties further agree that they will not challenge in any judicial proceeding and will accept the interpretation of the County Attorney's Office that the Road Impact Fee Credits identified or granted by this Agreement are limited to the amount of Impact Fees which are due or become due within the Development.

3. In construing the Agreement, the singular shall be held to include the plural, and the plural shall include the singular, the use of any gender shall include every other and all gender and captions and paragraph headings shall be disregarded.
 4. All of the exhibits attached to this Agreement are incorporated in, and made a part of this Agreement.
 5. The Agreement, and any Exhibits and/or addendum made a part hereof constitute the entire Agreement and understanding of the parties and shall not be modified or amended except by written agreement duly executed by the parties hereto.
 6. This Agreement is made for the sole benefit and protection of the parties and no other persons shall have any right of action hereunder. This Agreement shall be binding upon the parties and their respective successors and permitted assigns.
-
7. All covenants, agreements, representation and warranties made herein shall be deemed to have material and relied on by each party to this Agreement.
 8. This agreement is recognized as being subject to the laws of Florida and the Ordinances of St. Johns County, Florida and therefore all applicable provisions thereof are incorporated herein and if any provision hereof is inconsistent with such provisions, such provision shall apply.
 9. **St. Augustine Associates, Inc.** must be a feepayer as referenced in the applicable impact fee ordinance to receive impact fee credits under this ordinance.
 10. Nothing in this Agreement shall act to allow an entity to receive impact fees credits for contributions provided by a government entity including, but not limited to, a Community Development District.
 11. Nothing in this Agreement shall be deemed to require the County to continue to levy or collect Impact Fees, or, if levied, to levy them for any certain amount.

IN WITNESS WHEREOF, the undersigned have set their hands and seals as of the date set forth above.

St. Augustine Associates, Inc.

By: _____
Frank Cannon

State of: _____

County of: _____

The foregoing instrument was acknowledged before me this ____ day of _____ 20__, by _____, who is personally known to me or who has provided _____ as identification.

Notary Public

ST. JOHNS COUNTY, FLORIDA

By: _____
Michael D. Wanchick
Administrator

State of: _____

County of: _____

The foregoing instrument was acknowledged before me this ____ day of _____ 20__, by _____, who is personally known to me or who has provided _____ as identification.

Notary Public

Exhibit A

Actual Construction Cost

SR 16 at McDonald's

Drive/BP Drive

St. Augustine Centre Phase 3A - SR16 at Beltz Outlet

NO. 3 FROM 6/26/09 thru 7/25/09 - Final Retainage

0820

ITEM NO.	DESCRIPTION	PLANNED QUANTITY	UNIT	UNIT PRICE	CONTRACT AMOUNT	PREVIOUS		CURRENT		TO DATE		
						QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	% COMP	TOTAL
	Mobilization	1,000	LS	\$ 18,990.00	\$ 18,990.00	1,000	\$ 18,990.00		\$ -	1,000	100%	\$ 18,990.00
	Erosion Control	1,000	LS	\$ 6,055.00	\$ 6,055.00	1,000	\$ 6,055.00		\$ -	1,000	100%	\$ 6,055.00
	Maintenance of Traffic	1,000	LS	\$ 11,395.00	\$ 11,395.00	1,000	\$ 11,395.00		\$ -	1,000	100%	\$ 11,395.00
	Site Preparation	1,000	LS	\$ 2,470.00	\$ 2,470.00	1,000	\$ 2,470.00		\$ -	1,000	100%	\$ 2,470.00
	Earthwork, Regular Excavation	150,000	CY	\$ 16.60	\$ 2,490.00	150,000	\$ 2,490.00		\$ -	150,000	100%	\$ 2,490.00
	12" Stabilization	215,000	SY	\$ 4.40	\$ 946.00	215,000	\$ 946.00		\$ -	215,000	100%	\$ 946.00
	1" Linerrock Base	110,000	SY	\$ 24.45	\$ 2,689.50	110,000	\$ 2,689.50		\$ -	110,000	100%	\$ 2,689.50
	3" SP 12.5 Asphalt	110,000	SY	\$ 41.40	\$ 4,554.00	110,000	\$ 4,554.00		\$ -	110,000	100%	\$ 4,554.00
	1.5" FC 9.5 Asphalt	110,000	SY	\$ 39.95	\$ 4,394.50	110,000	\$ 4,394.50		\$ -	110,000	100%	\$ 4,394.50
	Traffic Separator, Type 4, Opt 2	105,000	SY	\$ 47.20	\$ 4,956.00	105,000	\$ 4,956.00		\$ -	105,000	100%	\$ 4,956.00
	Signatizon	1,000	LS	\$ 126,690.00	\$ 126,690.00	1,000	\$ 126,690.00		\$ -	1,000	100%	\$ 126,690.00
	Striping and Signage	1,000	LS	\$ 4,215.00	\$ 4,215.00	1,000	\$ 4,215.00		\$ -	1,000	100%	\$ 4,215.00
	Payment & Performance Bond	1,000	LS	\$ 1,165.00	\$ 1,165.00	1,000	\$ 1,165.00		\$ -	1,000	100%	\$ 1,165.00
	TOTAL ORIGINAL CONTRACT				\$ 191,010.00	100%	\$ 191,010.00	0%	\$ -		100%	\$ 191,010.00
	CHANGE ORDER #1	1,000	LS	\$ 3,243.32	\$ 3,243.32	1,000	\$ 3,243.32		\$ -	1,000	100%	\$ 3,243.32
	CHANGE ORDER TOTAL				\$ 3,243.32		\$ 3,243.32		\$ -			\$ 3,243.32
	VALUE OF COMPLETED CONTRACT WORK				\$ 194,253.32	100%	\$ 194,253.32	0%	\$ 0.00		100%	\$ 194,253.32

Exhibit B

**Roadway/Signalization
Design Plans**

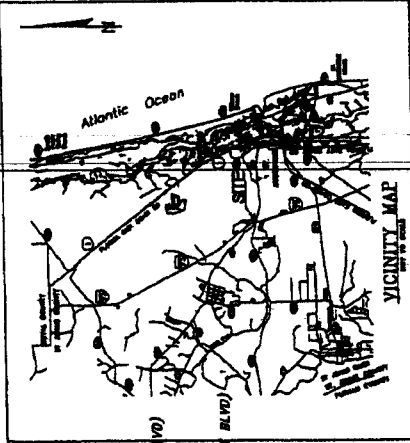
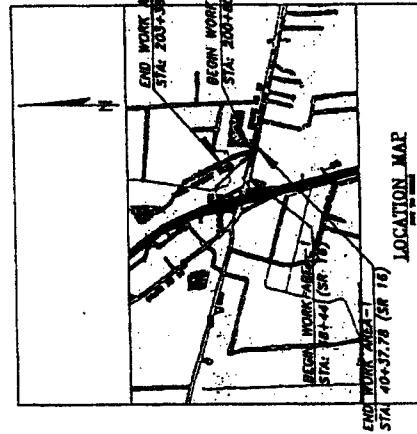
**SR 16 at McDonald's
Drive/BP Drive**

ST. AUGUSTINE CENTRE - PHASE 3A ROADWAY DESIGN

STATE ROAD 16 AT BELZ OUTLET BLVD.

P.U.D. - ORDINANCE 97-23
ST. AUGUSTINE CENTRE P.U.D. - 97-01

SECTION 5, TOWNSHIP 7S, RANGE 29E
ST. JOHNS COUNTY FLORIDA



CONTRACT PLANS SET INCLUDES
SIGNING AND MARKING PLANS
SIGNALIZATION PLANS
TREE MITIGATION PLANS
WATER MAIN RELOCATION PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	GENERAL SITE PLAN
4	HORIZONTAL CONTROL PLAN
5	TYPICAL SECTIONS
6-8	WORK AREAS
9-11	WORK AREAS-MAINTENANCE OF TRAFFIC
12	STORMWATER POLLUTION PREVENTION DETAILS
13	FOOT STRAIGHT LINE DIAGRAM

[Signature]

ENGINEER OF RECORD

ALBERTO I. IZQUIERDO, P.E.
P.E. NO. 43616
KING ENGINEERING ASSOCIATES, INC.
6500 BOWDEN ROAD, SUITE 290
JACKSONVILLE, FLORIDA 32216

Alberto Izquierdo
L.N. 5 2006
FL P.E. NO. 43616

PREPARED FOR:
ST. AUGUSTINE ASSOCIATES, INC.
951 Market Promenade Ave., Suite 2105
Lake Mary, FL 32748

GOVERNING SPECIFICATIONS AND STANDARDS
FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS DATED JAN. 2006, AND STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007, ST. JOHNS COUNTY, AS AMENDED BY CONTRACT DOCUMENTS.

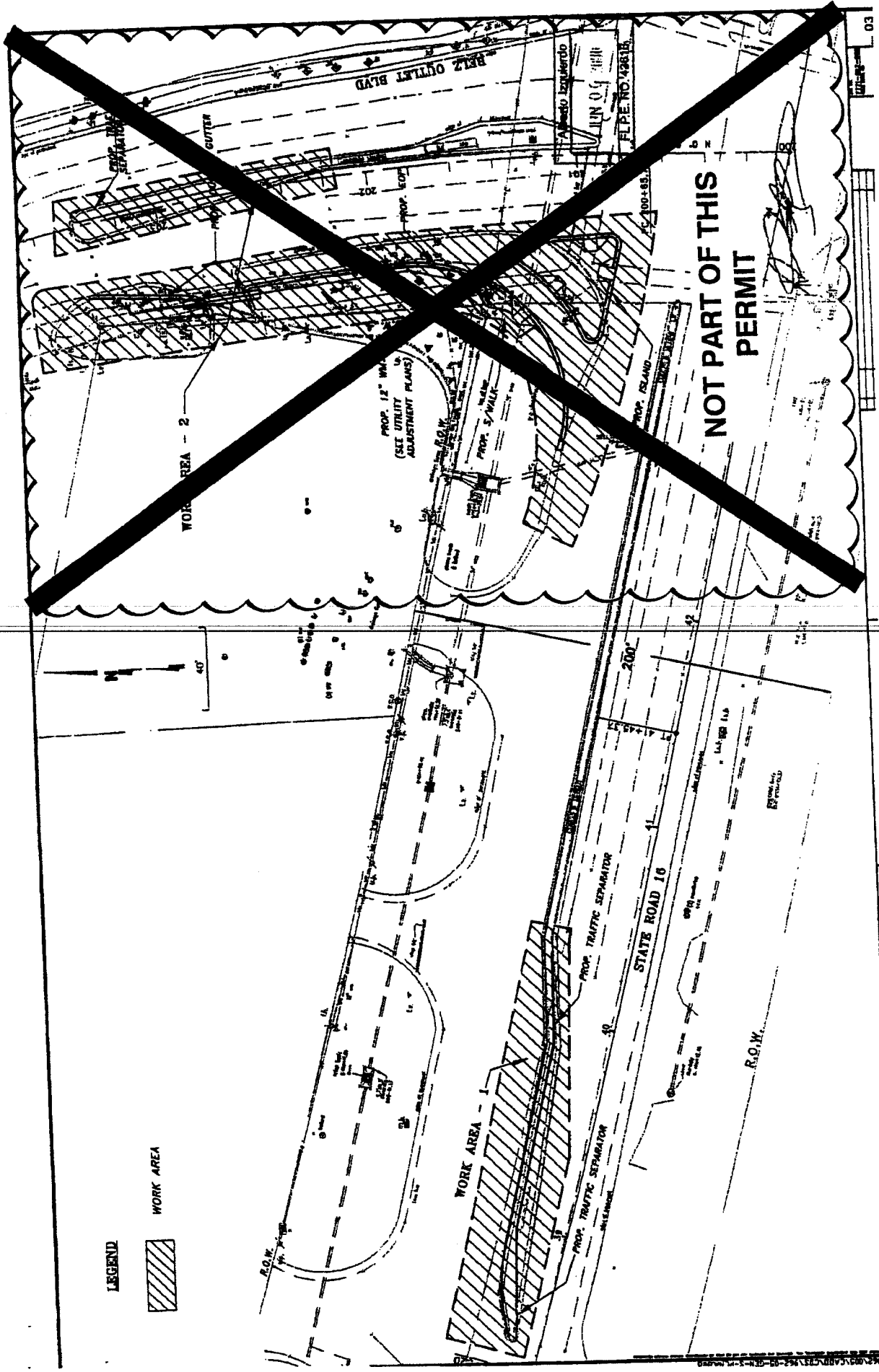
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

PREPARED BY:
King EB#2610
6500 BOWDEN ROAD, SUITE 290
JACKSONVILLE, FL 32216
904 636-9755
fax 904 636-9533

KING PROJECT NO. 7711-962-005

FDOT SUBMITTAL

100% SUBMITTAL
JUNE 2008



LEGEND



WORK AREA

NOT PART OF THIS
PERMIT

NOTES

NEW PAVEMENT
 3" FLEXIBLE ASPHALT CONCRETE, 1500 LB MARSHALL, 100% MAX. DENSITY, AASHTO T-190
 8" COMPACTED LIME STABILIZED SAND, MIN. LHM 40, MAX. PLASTICITY INDEX OF 6 COMPACTED TO 98% MAX. DENSITY, AASHTO T-180.

NOT PART OF THIS PERMIT

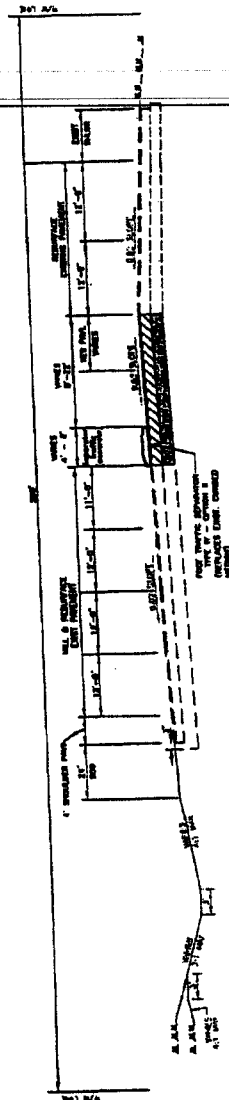
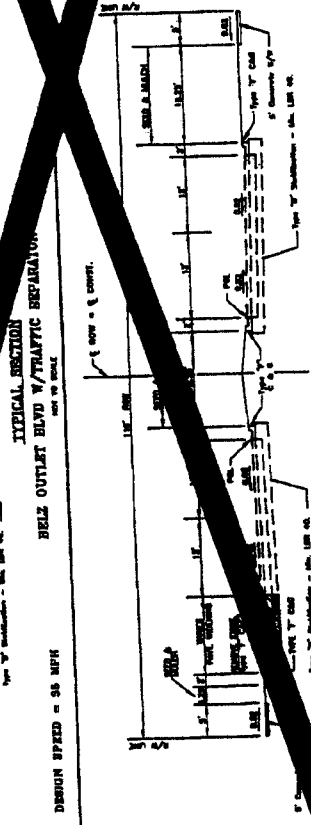
NEW PAVEMENT
 PORTLAND CEMENT CONCRETE TYPE S-1, 1500 LB MARSHALL, 100% MAX. DENSITY, AASHTO T-190
 8" COMPACTED LIME STABILIZED SAND, MIN. LHM 40, MAX. PLASTICITY INDEX OF 6 COMPACTED TO 98% MAX. DENSITY, AASHTO T-180.

NEW PAVEMENT
 1/2" FC-9.5
 3" 9-17.5
 11" EMERALD BASE (LHM 100), OPTIONAL BASE GROUP 10

Alberto Izquierdo
 P.E. No. 43616
 F.L.P.E. NO. 43616

FOR ADDITIONAL INFORMATION SEE SHT. 13 OF 13

SECTIONS



ADDITIONAL NOTES

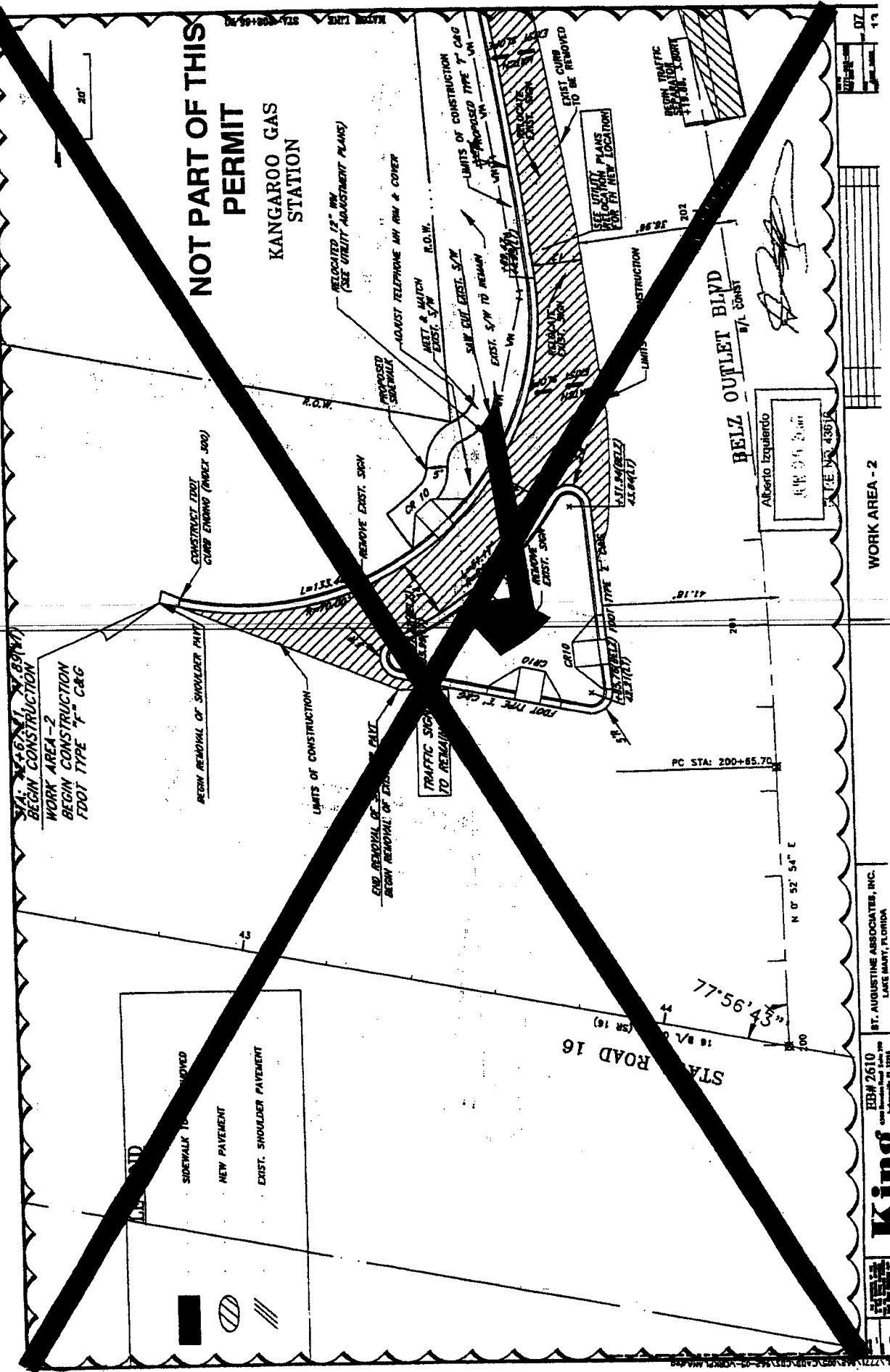
- WHERE PAVEMENT WIDENING IS 2' OR LESS, THE WIDENING & SHOULDER WILL BE CONSTRUCTED AS THE WIDENING SECTION.
- SEED & MATCH ALL AREAS DISTURBED DURING CONSTRUCTION WHICH ARE NOT PAVED OR SOODED.
- WIDENING STRIP SHALL BE COMPACTED TO THE DENSITY SPECIFIED IN SECTION 120-9.2.1 OF THE STANDARD SPECIFICATIONS.

- ALL GRASSING AREAS ARE TO RECEIVE A 6" TOPSOIL TREATMENT.
- ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH.
- CONTRACTOR MAY ELECT TO PLACE UNIFORM WIDTH BASE WIDENING STRIP AT NO ADDITIONAL COST.

TYPICAL SECTIONS

Kins EBN# 2610
 ST. AUGUSTINE ASSOCIATES, INC.
 LAKE MARY, FLORIDA

NOT PART OF THIS PERMIT
KANGAROO GAS STATION



Alberto Izquierdo
 P.E. No. 43614
 STATE NO. 43614

WORK AREA - 2

ST. AUGUSTINE ASSOCIATES, INC.
 LAKE HART, FLORIDA

EBH 2610
 KIN
 KIN

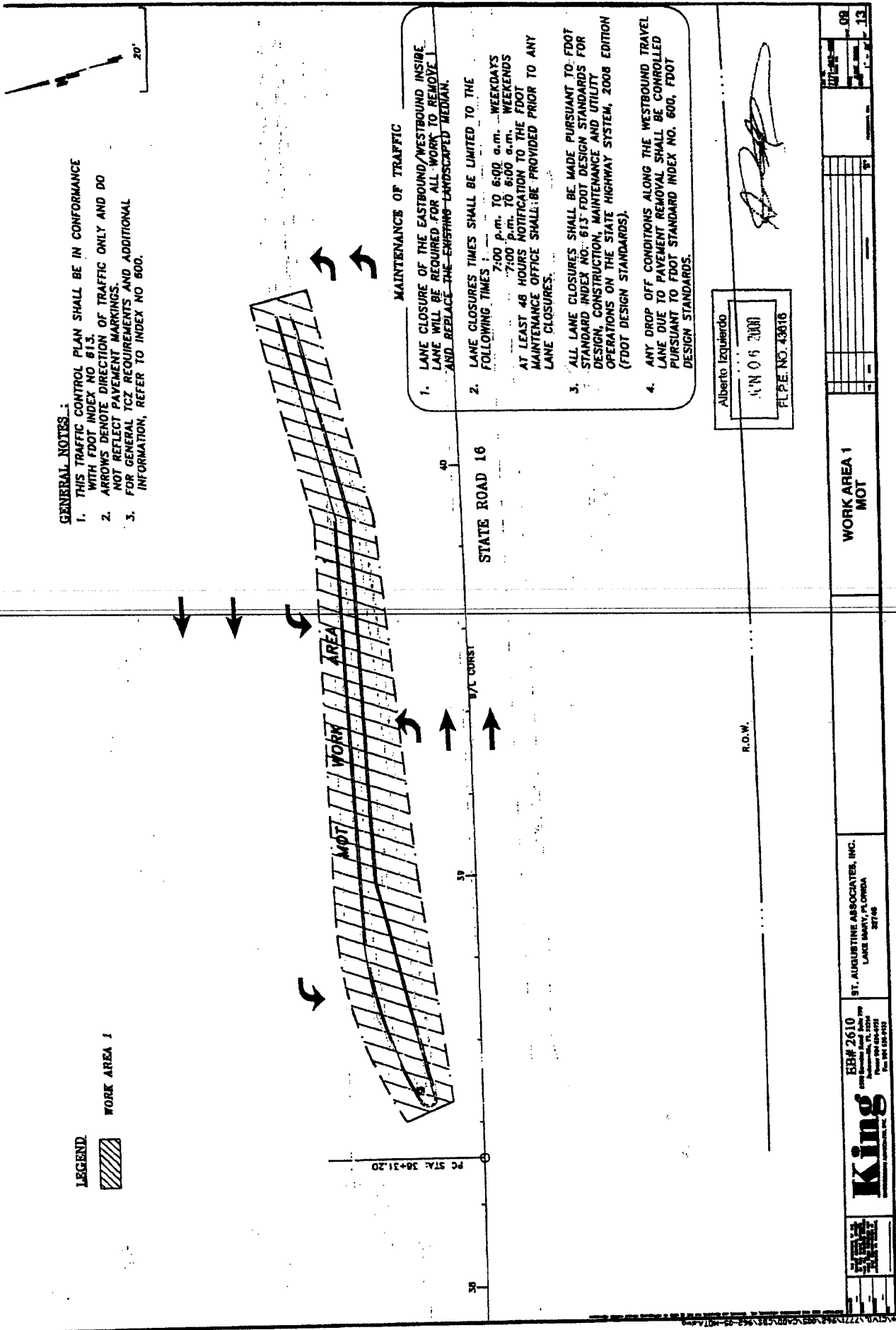
07
 12

- GENERAL NOTES:**
1. THIS TRAFFIC CONTROL PLAN SHALL BE IN CONFORMANCE WITH FDOT INDEX NO 813.
 2. ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS.
 3. FOR GENERAL TCZ REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO INDEX NO 600.

LEGEND



WORK AREA 1



MAINTENANCE OF TRAFFIC

1. LANE CLOSURE OF THE EASTBOUND/WESTBOUND INSIDE LANE WILL BE REQUIRED FOR ALL WORK TO REMOVE AND REPLACE THE EXISTING LANDSCAPED MEDIAN.
2. LANE CLOSURES TIMES SHALL BE LIMITED TO THE FOLLOWING TIMES:
 - 7:00 p.m. TO 6:00 a.m. - WEEKDAYS
 - 7:00 p.m. TO 6:00 a.m. - WEEKENDS
 AT LEAST 48 HOURS NOTIFICATION TO THE FDOT MAINTENANCE OFFICE SHALL BE PROVIDED PRIOR TO ANY LANE CLOSURES.
3. ALL LANE CLOSURES SHALL BE MADE PURSUANT TO FDOT STANDARD INDEX NO. 613 FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, 2008 EDITION (FDOT DESIGN STANDARDS).
4. ANY DROP OFF CONDITIONS ALONG THE WESTBOUND TRAVEL LANE DUE TO PAVEMENT REMOVAL SHALL BE CONTROLLED PURSUANT TO FDOT STANDARD INDEX NO. 600, FDOT DESIGN STANDARDS.

Alberto Izquierdo
 S'N 0 6 3000
 FLPE NO. 43818

R.O.W.

**WORK AREA 1
MOT**


ST. AUGUSTINE ASSOCIATES, INC.
 LAKE MARY, FL 32746

King
 EBN# 2610
 10000
 10000
 10000
 10000

DATE	08
TIME	13

- GENERAL NOTES:**
1. THIS TRAFFIC CONTROL PLAN SHALL BE IN CONFORMANCE WITH FOOT INDEX NO. 673.
 2. ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND NOT REFLECT PAVEMENT MARKINGS.
 3. FOR GENERAL TCZ REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO INDEX NO. 600 ON A SIDEWALK.
 4. WHEN CONSTRUCTION ACTIVITIES ENCROACH ON A SIDEWALK, REFER TO INDEX NO. 660.

NOT PART OF THIS PERMIT

LEGEND
 WORK AREA 2

NOT WORK AREA 3

Alberto Izquierdo
 H.W. 016 3111
 FL.P.E. NO. 48118

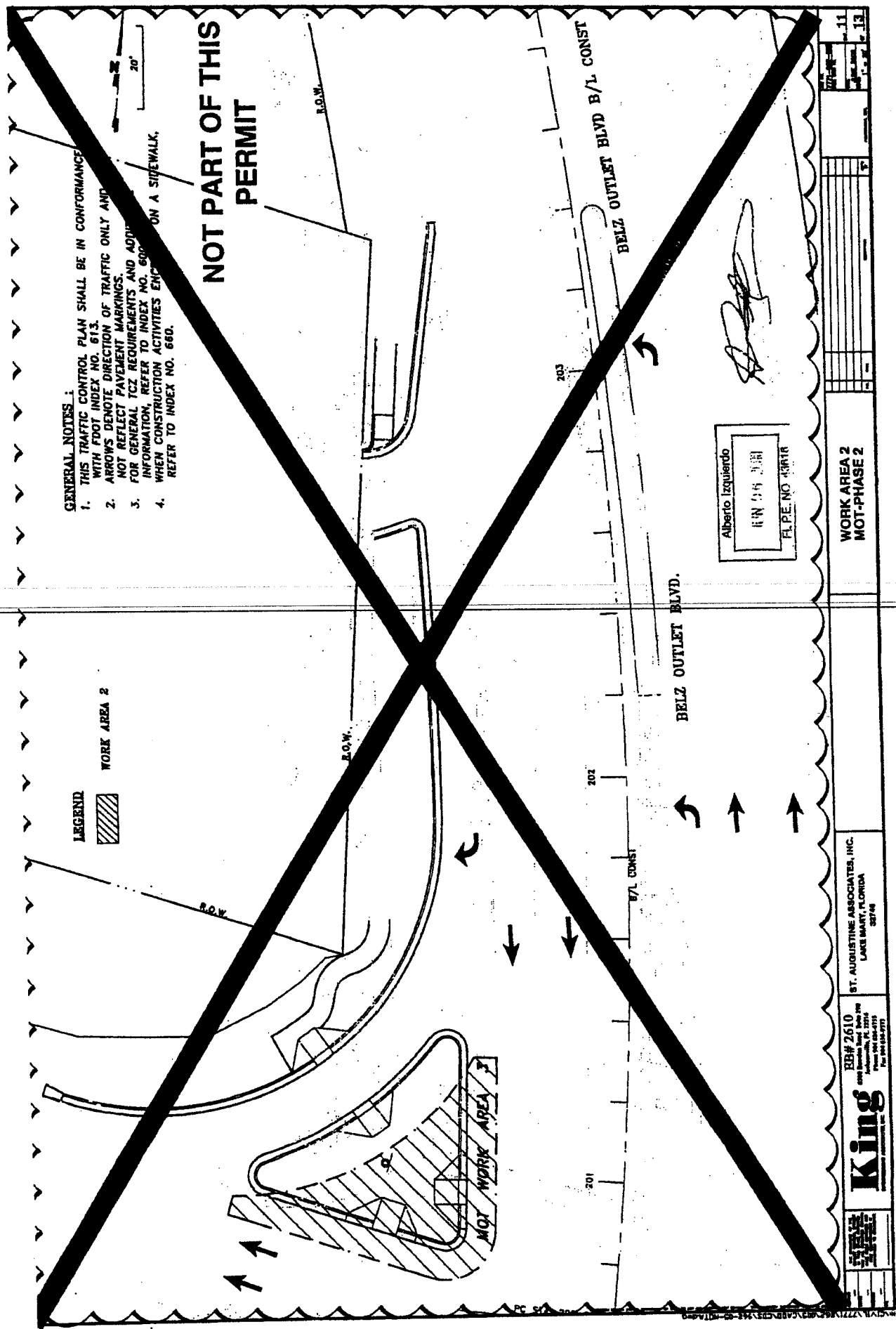
ST. AUGUSTINE ASSOCIATES, INC.
 LAKE MARY, FLORIDA
 32746

EB# 2610
 1000
 LAKE MARY, FL 32746
 Phone 904-884-4715
 Fax 904-884-9771

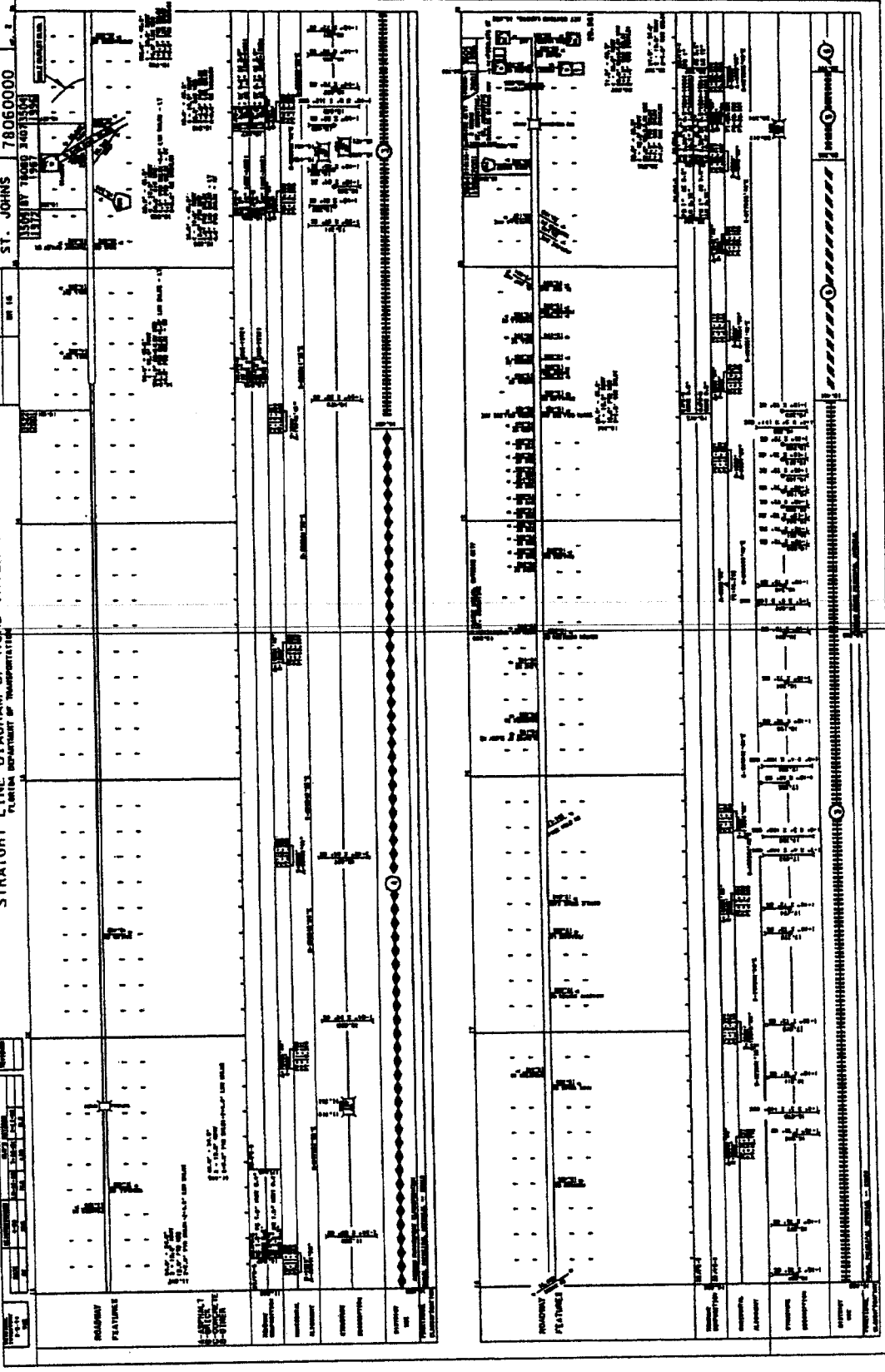
King
 TRAFFIC CONTROL SYSTEMS, INC.

WORK AREA 2
 MOT-PHASE 2

DATE	11
TIME	13



STRAIGHT LINE DIAGRAM OF ROAD INVENTORY



FDOT STRAIGHT LINE DIAGRAM

ST. AUGUSTINE ASSOCIATES, INC.
LAKE BUENA VISTA, FLORIDA
32836

RD# 2610
4000 International Road, Suite 300
Orlando, FL 32839
Tel: 407-853-7777
Fax: 407-853-7777



TABULATION OF QUANTITIES

BID ITEM NUMBER	DESCRIPTION	UNIT	SHEET S-4		SHEET S-5		SHEET S-6		SHEET S-7		TOTAL THIS SHEET		GRAND TOTAL	
			ORIG	FINAL	ORIG	FINAL	ORIG	FINAL	ORIG	FINAL	ORIG	FINAL	ORIG	FINAL
700-20-11	SINGLE POST SIGN (LESS THAN 12 SQ. FT.)	AS	1									1		
700-20-12	SINGLE POST SIGN (12-20 SQ. FT.)	AS	2									2		
700-20-40	EXISTING SIGN (REMOVE-SINGLE POST)	AS	3									3		
700-3	RETRO-REFLECTIVE PAVEMENT MARKER (WHITE/RED) (F64)	EA	28									28		
700-3-1	RETRO-REFLECTIVE PAVEMENT MARKER (WHITE/RED) (REMOVE)	EA	4									4		
710-11-121	SOLID TRAFFIC STRIPE (PAINT - 6" WHITE)	LF	-									-		
710-11-122	SOLID TRAFFIC STRIPE (PAINT - 6" WHITE)	LF	-									-		
710-11-123	SOLID TRAFFIC STRIPE (PAINT - 12" WHITE)	LF	-									-		
710-11-124	SOLID TRAFFIC STRIPE (PAINT - 18" WHITE)	LF	1									1		
710-11-170	DIRECTIONAL ARROWS (PAINTED)	EA	1									1		
710-11-180	YIELD PAVEMENT ARROWS (PAINTED)	EA	-									-		
710-11-180	PAVEMENT MESSAGE (PAINTED)	EA	-									-		
710-11-221	SOLID TRAFFIC STRIPE (PAINT - 6" YELLOW)	LF	392									392		
710-11-260	REFLECTIVE PAINT (ISLAND MESS) (YELLOW)	SF	3									3		
711-11-121	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 6" WHITE)	LF	480									480		
711-11-122	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 6" WHITE)	LF	343									343		
711-11-123	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 12" WHITE)	LF	-									-		
711-11-124	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 18" WHITE)	LF	31									31		
711-11-125	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 24" WHITE)	LF	97									97		
711-11-131	SOP TRAFFIC STRIPE (THERMOPLASTIC - 6" WHITE) (10'-30' SOP)	GM	-									-		
711-11-151	GUIDE LINES (THERMOPLASTIC) (WHITE)	LF	-									-		
711-11-180	PAVEMENT MESSAGES (THERMOPLASTIC)	EA	2									2		
711-11-170	DIRECTIONAL ARROWS (THERMOPLASTIC)	EA	7									7		
711-11-180	YIELD PAVEMENT ARROWS (THERMOPLASTIC)	EA	-									-		
711-11-221	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 6" YELLOW)	LF	543									543		
711-11-224	SOLID TRAFFIC STRIPE (THERMOPLASTIC - 18" YELLOW)	LF	81									81		
711-11-281	GUIDE LINES (THERMOPLASTIC) (YELLOW)	LF	26									26		
711-17	REMOVE EXISTING PAVEMENT MARKINGS (THERMOPLASTIC)	SF	23									23		

NOT PART OF THIS PERMIT

NOTE:
 1. CONTRACTOR SHALL USE PAINT FOR PAVEMENT MARKINGS ON NEW PAVEMENT. AFTER THE 90 DAY CURING PERIOD, FOR NEW ASPHALT, THE CONTRACTOR SHALL RESTRIPE WITH THERMOPLASTIC.
 2. CONTRACTOR SHALL USE THERMOPLASTIC FOR PAVEMENT MARKINGS ON EXISTING PAVEMENT.

Alberto Izquierdo
 JUN 06 2010
 FL PER. NO. 43676

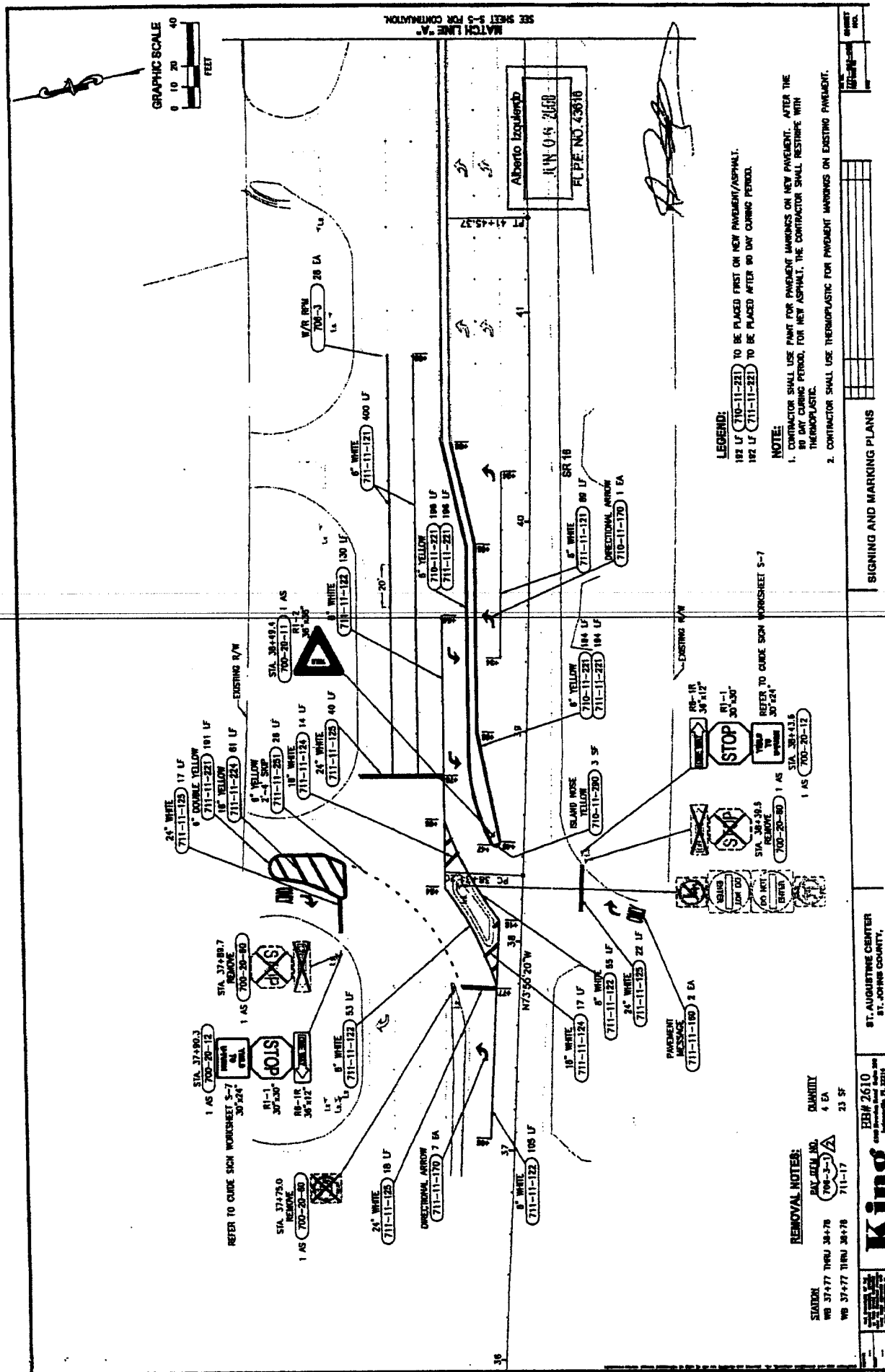
[Signature]

King
 4000 South US Highway 1
 Fort Lauderdale, FL 33316
 Phone: 954-344-7777

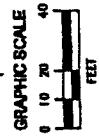
ST. AUGUSTINE CENTER
 ST. JOHNS COUNTY,
 FLORIDA

TABULATION OF QUANTITIES

FL PER. NO. 43676



SEE SHEET 5-3 FOR CONTINUATION



LEGEND:
 197 LF (710-11-221) TO BE PLACED FIRST ON NEW PAVEMENT/ASPHALT.
 197 LF (711-11-221) TO BE PLACED AFTER 90 DAY CURING PERIOD.

NOTE:
 1. CONTRACTOR SHALL USE PAINT FOR PAVEMENT MARKINGS ON NEW PAVEMENT. AFTER THE 90 DAY CURING PERIOD, FOR NEW ASPHALT, THE CONTRACTOR SHALL RESTRIPE WITH THERMOPLASTIC.
 2. CONTRACTOR SHALL USE THERMOPLASTIC FOR PAVEMENT MARKINGS ON EXISTING PAVEMENT.

REFER TO GUIDE SIGN WORKSHEET S-7

REMOVAL NOTES:
 STATION
 WB 37+77 THRU 38+78 24' SIGN NO. 4 EA
 WB 37+77 THRU 38+78 711-17 23 SF

ST. AUGUSTINE CENTER
 ST. JOHNS COUNTY,

EB# 2610
 706-3-1/A

King

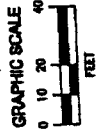
36

DATE	BY	NO.

SIGNING AND MARKING PLANS

Alberto Inquimb
 I.N. 0-9-2688
 F.C.P.E. NO. 43616

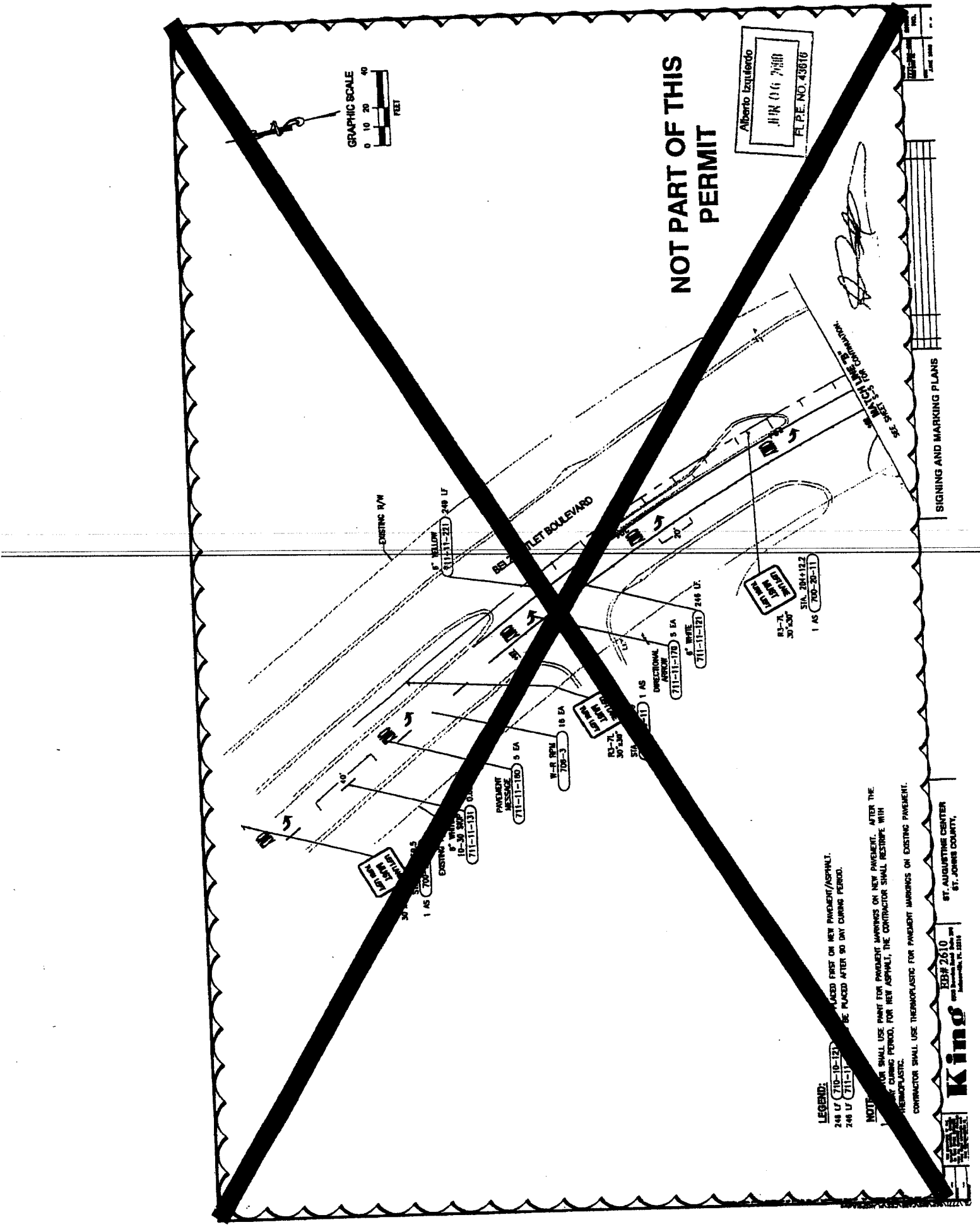
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NOT PART OF THIS PERMIT

Alberto Izquierdo
 JIN 016 7400
 F.L.P.E. NO. 43610

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SIGNING AND MARKING PLANS

LEGEND:
 248 LF (710-10-12) PLACED FIRST ON NEW PAVEMENT/ASPHALT.
 248 LF (711-11-12) TO BE PLACED AFTER 90 DAY CURING PERIOD.

NOTES:
 CONTRACTOR SHALL USE THERMOPLASTIC FOR PAVEMENT MARKINGS ON EXISTING PAVEMENT.
 CONTRACTOR SHALL USE THERMOPLASTIC FOR PAVEMENT MARKINGS ON NEW PAVEMENT. AFTER THE 90 DAY CURING PERIOD, FOR NEW ASPHALT, THE CONTRACTOR SHALL RESTRIPE WITH THERMOPLASTIC.

ST. AUGUSTINE CENTER
 ST. JOHNS COUNTY,

Job # 2610

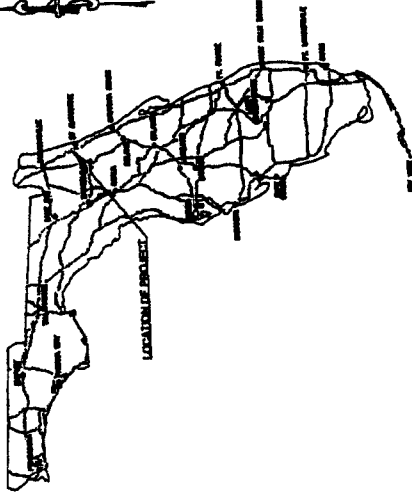
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12319

ST. JOHNS COUNTY, FLORIDA

SR 16 AT BELZ OUTLET CENTER

SIGNALIZATION PLANS



INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	VEHICULAR QUANTITIES
T-3	GENERAL NOTES
T-4 & T-5	SIGNALIZATION PLAN
T-6	VEHICULAR SIGNALIZATION
T-7	TABLE OF VARIABLES
T-8	MAST ARM DETAILS

GOVERNING STANDARDS AND SPECIFICATIONS:
 FLORIDA DEPARTMENT OF TRANSPORTATION,
 DESIGN STANDARDS DATED JANUARY 2008,
 DESIGN STANDARDS SPECIFICATIONS FOR ROAD
 AND BRIDGE CONSTRUCTION DATED 2007,
 AS AMENDED BY CONTRACT DOCUMENTS.

SIGNALIZATION SHOP DRAWINGS
 TO BE SUBMITTED TO:

ENGINEER OF RECORD:
 WAYNE T. PETRONE, P.E.
 KING ENGINEERING & SERVICES, INC.
 6500 BOWEN ROAD, SUITE 200
 JACKSONVILLE, FLORIDA 32216

PLANS PREPARED BY: **EB# 2610**

King
 ENGINEERING & SERVICES, INC.
 6500 BOWEN ROAD
 SUITE 200
 JACKSONVILLE, FL 32216
 Phone: 904.636-9735
 Fax: 904.634-9533

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

SIGNALIZATION PLANS
 ENGINEER OF RECORD:
 DATE: 6/11/07
 P.E. NO.: 62888

Wayne T. Petrone, P.E.

KEY SHEET REVISIONS

SHEET NO.	TITLE
T-1	

JUNE 2008
 JOB NUMBER: 7771-842-005

34. WHEN A CONTRACTOR IS WORKING ON SIGNAL WORK IN AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, REPAIRING SIGNAL EQUIPMENT, INSTALLING LOOPS AND RINGS, TURNING ON NEW SIGNALS), THE CONTRACTOR SHALL REQUIRE A LANE CLOSURE, AN OFF-DUTY LAW ENFORCEMENT OFFICER, A TRAFFIC CONTROL OFFICER, AND AN OFF-DUTY LAW ENFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF ST. JOHNS COUNTY COMMUNICATIONS (804) 810-4971. THE COST ASSOCIATED WITH THE OFF-DUTY LAW ENFORCEMENT OFFICER SHALL BE PAID FOR UNDER PAY ITEM 102-1.

37. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FOOT DESIGN STANDARDS PER 600 SQUARE FEET.

38. ALL UNDERGROUND CONDUIT CARRYING COMMUNICATIONS CABLE, INSTALLED BY OPEN TRENCHING METHODS, SHALL BE IDENTIFIED BY DETECTABLE CONDUIT IDENTIFICATION TAPE. IDENTIFICATION TAPE SHALL BE MINIMUM 8 INCHES WIDE AND BE OF A PLASTIC OR NON-DETERIORATING, NON-COLOR-FADING MATERIAL, CAPABLE OF WITHSTANDING AT LEAST 600 PERCENT IN LENGTH BEFORE BREAKING. IDENTIFICATION TAPE SHALL BE COLORED ORANGE FOR COMMUNICATIONS AND SHALL BE CONTINUOUSLY APPLIED TO ALL CABLES WITH BLACK NON-FADING INK WITH THE MESSAGE "CAUTION TRAFFIC SIGNALS". THE LENGTH OF IDENTIFICATION TAPE SHALL BE 2 INCHES PER FOOT. CONDUITS WITHIN 12 INCHES OF EACH OTHER SHALL BE IDENTIFIED BY ALL-PURPOSE CONDUITS WITHIN TWO OR MORE CONDUIT TRENCHES AS NEEDED. THE IDENTIFICATION TAPE SHALL BE CONTINUOUS ALONG THE ENTIRE LENGTH OF THE TRENCH. IDENTIFICATION TAPE SHALL BE APPLIED TO ALL CONDUITS FROM POINT TO TERMINATION POINT AND SHALL ENTER PULL BOXES WITHIN THE CONDUIT. THE IDENTIFICATION TAPE SHALL BE AT A DEPTH OF 12 INCHES BELOW FINISHED GRADE. PROMOTION AND INSTALLATION OF THE IDENTIFICATION TAPE SHALL BE INCLUDED UNDER PAY ITEM 630-1-12, CONDUIT (UNDERGROUND) OR PAY ITEM 630-1-13 (UNDER PAVEMENT).

39. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING CONDUIT AND PULL BOXES FOR RUNDOWN OF LEAD-INS TO EXISTING CONTRALLERS. REMOVING ANY DAMAGE TO EXISTING LEAD-INS REMAINS THE RESPONSIBILITY OF THE CONTRACTOR.

40. A #14 AWG INSULATED STRANDED COPPER WIRE SHALL BE PULLED IN THE SAME CONDUIT AS THE FIBER OPTIC CABLE. COST SHALL BE INCLUDED UNDER PAY ITEM 633-122-1.

41. THE SIGNAL SHALL BE ONLY COMPATIBLE WITH ST. JOHNS COUNTY'S EXISTING CLOSED LOOP SYSTEM. THE CONTRACTOR'S EXISTING SYSTEM IS A PEK/SMARTWAY SYSTEM AS A CONTRALLER. THE CONTRACTOR SHALL BE A PEK MODEL 3000E CLOSED LOOP LOCAL INTERSECTION CONTRALLER. THE CONTRALLER SHALL INCLUDE A BATTERY BUCKUP SYSTEM.

42. UNLESS OTHERWISE NOTED, ALL REMOVED EQUIPMENT SHALL BE TURNED OVER TO ST. JOHNS COUNTY'S TRAFFIC ENGINEERING DIVISION AS DIRECTED BY THE ENGINEER. EXCEPT CONCRETE POLES WHICH SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CITY.

43. ONCE THE SIGNAL HEADS ARE INSTALLED, THE CONTRACTOR SHALL BAG EACH HEAD. THE PROPOSED BAGGING MATERIAL SHALL BE DURABLE AND DESIGNED FOR LONG-TERM APPLICATION.

44. THE CONTRACTOR SHALL INSURE THE PROPOSED TRAFFIC SIGNAL EQUIPMENT (FOR THIS PROJECT) IS COMPATIBLE WITH THE COUNTY'S EXISTING SYSTEM.

45. THE CONTRACTOR SHALL DELIVER EACH CONTRALLER ASSEMBLY TO ST. JOHNS COUNTY'S TRAFFIC AND TRANSPORTATION OFFICE PRIOR TO PLACING THE ASSEMBLY IN THE FIELD FOR TESTING. CONTACT MR. RICHARD REED (804) 208-0171 TO ARRANGE DELIVERY.

46. EACH POLE AND MAST ARM SHALL BE IDENTIFIED WITH A PERMANENT 1-INCH HIGH ENGRAVED OR IMPRESSED MARK WHICH CONTAINS ALL REQUIRED IDENTIFICATION INFORMATION.

47. CONTRACTOR SHALL USE 6 COURT MULTI-WIRE (INDUSTRIAL GRADE) FIBER OPTIC CABLE.

48. ALL MAST ARM POLES SHALL HAVE GALVANIZED FIBER PER FOOT STANDARDS.

49. CONDUIT FOR NEW LOOP WINDINGS SHALL BE INSTALLED INTO THE CURB DURING CONSTRUCTION TO PREVENT UNDERMINING.

Wey J...
6/1/18

17. ONE WEEK PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION PLEASE CONTACT MR. SCOTT (DISTRICT TRAFFIC OPERATIONS ENGINEER) DEPARTMENT OF TRANSPORTATION AT (804) 280-5430 AND MR. RICHARD REED (TRAFFIC ENGINEER) AT (804) 208-0170.

18. TWO SHAPE CABINET CONSULTS SHALL BE SUBMITTED AND CAPPED: ONE IN NEAREST SIGNAL CABLE PULL BOX AND ONE IN NEAREST LOOP PULL BOX.

19. PULL BOX AND CONDUIT RUN LOCATIONS SHOWN ARE APPROXIMATE AND ARE TO BE ADJUSTED AS NEEDED TO PROVIDE A SAFE INSTALLATION. ANY SIGNIFICANT ADJUSTMENT REQUIRED SHALL HAVE PRIOR APPROVAL FROM THE ENGINEER.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAND EXCAVATIONS (TO A DEPTH OF 5') INCLUDING UNDERGROUND UTILITY LINES, AND FOR COORDINATING WITH ALL UTILITY COMPANIES AND PROVIDING A SAFE WORKING ENVIRONMENT FOR THE MAST ARMS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PROTECTIVE TRENCHING AND TYPICALLY LOCATION MAY BE REQUIRED. THE COST FOR HAND EXCAVATION TO FOUNDATION BACKFILLING THE PROPOSED FOUNDATION LOCATIONS (PRIOR TO FOUNDATION CONSTRUCTION) SHALL BE INCLUDED IN THE PRICE FOR THE MAST ARMS.

21. SIGNAL HEAD ASSEMBLIES SHALL HAVE CLEARANCES OF 17.5' MIN. FROM THE BOTTOM OF THE ASSEMBLY TO THE ROADWAY. PEDESTRIAN SIGNAL ASSEMBLIES SHALL HAVE CLEARANCES OF 8' MIN./10' MAX FROM THE BOTTOM OF THE ASSEMBLY TO THE SIDEWALK.

22. WHEN INSTALLING GROUND WIRE IN THE CONTRALLER CABINET, THE COPPER GROUND WIRE SHALL NOT COME IN CONTACT WITH THE ALUMINUM CABINET.

23. ALL NEW CONDUIT INSTALLED SHALL BE BLOWN OR ROCKETED CLEAN TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE INSTALLATION OF ANY CABLE OR WIRE IN THAT CONDUIT. WHEN JACKING, THE CONTRACTOR MAY USE A UNIDIRECTIONAL JACKING SYSTEM. A LISTING OF APPROVED DIRECTIONAL JACKING EQUIPMENT IS AVAILABLE FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION STATE UTILITY ADMINISTRATION IN TALLAHASSEE. PAID FOR UNDER PAY ITEM 630-1-14.

25. ALL LOOP WIRE, SIGNAL CABLE, INTERCONNECT AND ELECTRICAL SERVICE WIRE SHALL BE RUN IN SEPARATE CONDUIT AND PULL BOXES.

26. THE CONTRACTOR SHALL RETURN THE SITE SURROUNDING MAST ARMS TO ITS ORIGINAL CONDITION, AS DIRECTED BY THE ENGINEER.

27. CABINET DOOR SHALL OPEN TO THE RIGHT OF WAY LINE AND AWAY FROM TRAFFIC.

28. THE CONTRACTOR SHALL USE BELOW TYPE #438 ROADWAY LOOP WIRE OR EQUIVALENT WITH A HIGH BREAK STRENGTH CROSS-LINKED POLYETHYLENE INSULATED WIRE RATED 600 VOLTS. THE CONTRACTOR SHALL ENSURE THE LOOP LEAD-INS ARE GROUNDED IN THE CABINET.

29. ALL SAW CUTS ARE TO BE SEALED IMMEDIATELY AFTER LOOP WIRES AND LEAD-INS HAVE BEEN PLACED. SECTION 502-1.4 OF THE STANDARD SPECIFICATIONS IS APPLIED TO SEAL TRAFFIC DETECTOR LOOPS.

30. A GREEN COLORED NO. 6 AWG INSULATED STRANDED COPPER WIRE SHALL BE CONNECTED BETWEEN EACH OF THE INTERSECTION METAL MAST ARMS AND PEDESTRIAN POLE GROUND ROD CONNECTION POINTS AND THEN TO THE CONTRALLER (GROUND BUS). THIS WIRE SHALL BE PULLED IN THE SAME CONDUIT AS THE SIGNAL CABLE.

31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO ANY BURNING OPERATIONS. THIS WORK TO BE PAID FOR UNDER PAY ITEM 630-1-14.

32. CONCRETE PEDESTAL POLES TO BE USED TO SUPPORT ELECTRICAL SERVICE DISCONNECT.

33. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL SAW-CUT AND TRENCH CONDUIT UNDER PAVEMENT IF JACKING CONDUIT OR CONDUIT BURNING SYSTEMS IS NOT FEASIBLE. SAW CUTTING AND TRENCHING SHALL BE COMPLETED PRIOR TO NEW ROADWAYS BASE COURSE.

34. WHEN MULTIPLE RUNS OF CONDUIT ARE PLACED UNDER PAVEMENT, ONLY ONE RUN SHALL BE PAID FOR AS UNDER PAVEMENT (OR UNDERGROUND - JACKED). ADDITIONAL RUNS WILL BE PAID FOR AS UNDERGROUND.

35. LANE CLOSURES WILL NOT BE PERMITTED ON WEEKENDS OR HOLIDAYS, NOR WILL THEY BE PERMITTED DURING THE HOURS OF 8:00 AM TO 8:00 PM AND 3:00 PM TO 7:00 PM. THE PROJECT ENGINEER MAY ADJUST THESE TIMES TO REFLECT ACTUAL FIELD CONDITIONS.

1. THE CONTRACTOR SHALL NOTIFY MR. RICHARD REED AT ST. JOHNS COUNTY'S TRAFFIC ENGINEERING DIVISION (804) 208-0170 AT LEAST 24 HOURS IN ADVANCE OF INSTALLING SIGNAL HEADS, INSTALLING UNDERGROUND CONDUIT, SETTING POLES, SEALING SIGNAL HEAD ASSEMBLIES, CUTTING LOOPS, ETC., SO THAT THESE OPERATIONS MAY BE OBSERVED BY THE CITY ENGINEERS.

2. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF WIRE SETTING OPERATIONS, WHERE CONFLICT WITH OVERHEAD ELECTRICAL CONDUIT IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR.

3. IT SHOULD BE NOTED THAT NO TEST BURNING WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR BURNING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENGINE THE JOB SITE CONDITIONS BEFORE SUBMITTING PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE STANDARD SPECIFICATIONS.

4. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL TRAFFIC SIGNAL HEADS SHALL BE BLACK ALUMINUM AND HAVE TUNNEL VIDEOS.

5. ALL SIGNAL AND PEDESTRIAN INDICATORS SHALL HAVE LEDA DISPLAYS.

6. BEFORE MAST ARM POLES ARE ORDERED, THE CONTRACTOR SHALL CHECK THE ELEVATION OF ALL POLE FOUNDATIONS TO ENSURE MAST ARMS ARE INSTALLED AT THE PROPER HEIGHTS. ST. JOHNS COUNTY WILL NOT ACCEPT ANY MAST ARM BASES THAT ARE BELOW GROUND LEVEL.

7. AT THE TIME OF FINAL PROJECT INSPECTION THE CONTRACTOR SHALL FURNISH THE INSPECTOR TWO COMPLETE SETS OF AS-BUILT PLANS. IN ADDITION TO ST. JOHNS COUNTY'S TRAFFIC ENGINEERING DIVISION AND FOOT'S TRAFFIC OPERATIONS SHALL BE FURNISHED WITH ONE COMPLETE SET OF AS-BUILT PLANS.

8. THE MINIMUM SIZE OF ANY NEW CONDUIT INSTALLED SHALL BE 2 INCHES EXCEPT AS ALLOWED AS FOLLOWS: A) NEW CONDUIT TO CONTAIN ELECTRICAL POWER SERVICE FROM THE ELECTRICAL SERVICE FEED POINT TO THE SERVICE DISCONNECT FROM THE SERVICE DISCONNECT TO THE CONTRALLER CABINET SHALL BE 1 1/2 INCHES. B) NEW CONDUIT CONTAINING GROUNDING WIRES SHALL BE 1 1/2 INCHES. C) WHEN CONNECTING NEW POWER SERVICE CONDUIT TO EXISTING POWER SERVICE CONDUIT, THE MINIMUM SIZE AND TYPE OF CONDUIT SHALL BE USED.

9. THE CONTRACTOR SHALL VERIFY COLOR CODES FOR BOTH SIGNAL AND INTERCONNECT CABLE WITH ST. JOHNS COUNTY'S TRAFFIC ENGINEERING DIVISION BEFORE ORDERING.

10. A MANUAL PUSHBUTTON CORD, TWO KEYS FOR THE CABINET AND ONE KEY FOR THE POLICE PANEL DOOR SHALL BE FURNISHED IN ALL CONTRALLER CABINETS.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING THE SIGNAL POWER TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. IF REQUIRED, THE CONTRACTOR SHALL INCLUDE AS PART OF PRICES FOR ALL SIGNALS, ELECTRICAL POWER SERVICE ASSEMBLY, CONTRACTOR SHALL ENSURE ALL SIGNALS RECEIVED BY THE COUNTY PRIOR TO SERVICE REQUEST BY ST. JOHNS COUNTY. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE POINT OF CONNECTION FOR THE ELECTRICAL POWER SERVICE.

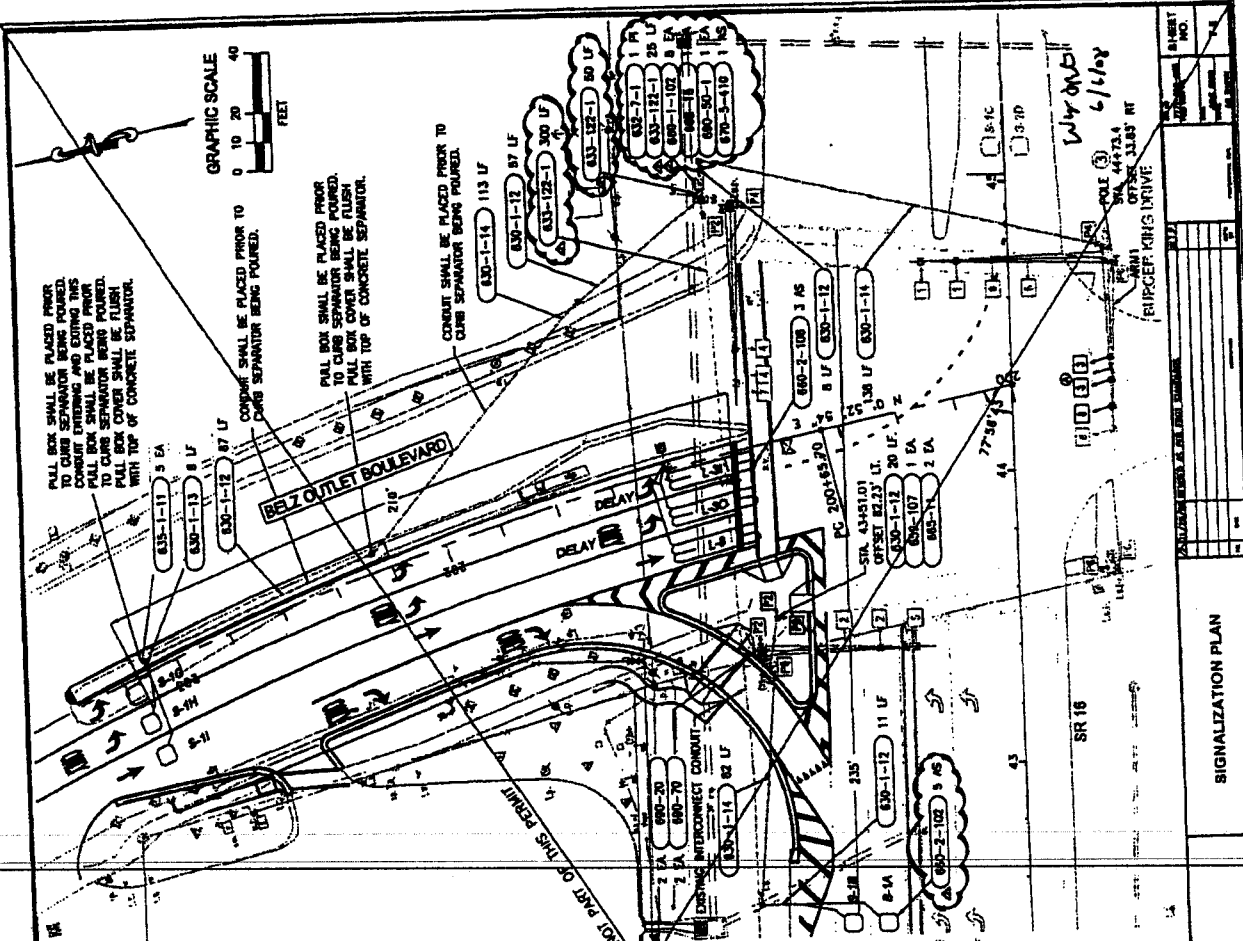
12. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.

13. ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC AND SHALL INCLUDE THE REDUCED LOOP TRAFFIC DETECTOR SYSTEM. REDUCED LOOP TRAFFIC DETECTOR BOXES SHALL BE 3' LONG BY 2.5' WIDE BY 2' DEEP (INSIDE DIMENSIONS).

14. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENTLY LEGIBLE WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE PROJECT EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT. THIS REQUIREMENT ALSO APPLIES TO THE MAST ARM TERMINAL COMPARTMENTS AND TO ALL PULL BOXES CONTAINING SPACED LOOP LEAD-INS.

15. EACH LOOP SHALL BE TREATED AS AN INDIVIDUAL LOOP WITH SEPARATE LEAD-INS FROM EACH POINT TO CABINET TERMINAL. EXCEPT UPSTREAM ADVANCE DETECTOR LOOPS WHICH SHALL BE PHASED TOGETHER ON A SINGLE LEAD-IN AT EACH ADVANCE LOOP STATION. WHENEVER MORE THAN TWO INDICANCE LOOPS ARE CONNECTED TO THE SAME DETECTOR, THEY SHALL BE WIRED IN SERIES/PARALLEL.

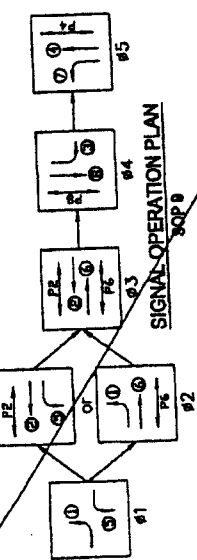
16. THE CONTRACTOR SHALL PROVIDE A TWO-WAY BUCKET TRUCK AND ASSIST THE PROJECT INSPECTOR IN PHYSICALLY EXAMINING EACH SIGNAL HEAD THE SAME DAY IT IS ERECTED. COST TO BE INCIDENTAL TO THE COST OF SIGNAL HEADS.



CONTROLLER OPERATIONS:

1. THE MAJOR STREET IS SR 16 (MOVEMENTS 1, 2, 5 AND 6).
2. THE MINOR STREET IS BELL OUTLET BOULEVARD/BIJOU DRIVE (MOVEMENTS 3, 4, 7 AND 8).
3. FLASHING OPERATION IS YELLOW FOR MOVEMENTS 2 AND 6 AND RED FOR MOVEMENTS 1 AND 5 ALONG SR 16 AND RED FOR MOVEMENTS 3, 4, 7 AND 8 ALONG BELL OUTLET BOULEVARD/BIJOU DRIVE.

DETECTORS TO BE CHANGED
 NONE. THESE ARE CURRENTLY 4 DETECTORS SERVING AS EXISTING SYSTEM LOOPS. EACH SYSTEM LOOP SHALL BE CONNECTED TO A DETECTOR. THEREFORE, 8 NEW DETECTORS ARE REQUIRED TO SERVICE THE 10 SYSTEM LOOPS (8 EXISTING PLUS 1 NEW).



DETECTOR CONFIGURATION CHART

MOVEMENT	LOOP ID.	LOOP TYPE	DETECTOR ID.	DETECTOR TYPE	SECTION OF DELAY
1	L-1A/B	F(MOD)	1A, B	Z	0
2	L-2A/B	B	2A, B	Z	0
3	L-3*	F(MOD)	3	Z	5
4	L-4	F(MOD)	4	Z	0
5	L-5	F(MOD)	5	Z	0
6	L-6A/B	B	6A, B	Z	0
7	L-7	F(MOD)	7	Z	5
8	L-8*	F(MOD)	8	Z	0
9	L-9*	F(MOD)	9	Z	5
SYSTEM	S-1A	B	S1A	Z	0
SYSTEM	S-1B	B	S1B	Z	0
SYSTEM	S-1C	B	S1C	Z	0
SYSTEM	S-1D	B	S1D	Z	0
SYSTEM	S-1E	B	S1E	Z	0
SYSTEM	S-1F	B	S1F	Z	0
SYSTEM	S-1G	B	S1G	Z	0
SYSTEM	S-1H	B	S1H	Z	0
SYSTEM	S-1I	B	S1I	Z	0
SYSTEM	S-1J	B	S1J	Z	0
SYSTEM	S-1K	B	S1K	Z	0
SYSTEM	S-1L	B	S1L	Z	0
SYSTEM	S-1M	B	S1M	Z	0
SYSTEM	S-1N	B	S1N	Z	0
SYSTEM	S-1O	B	S1O	Z	0
SYSTEM	S-1P	B	S1P	Z	0
SYSTEM	S-1Q	B	S1Q	Z	0
SYSTEM	S-1R	B	S1R	Z	0
SYSTEM	S-1S	B	S1S	Z	0
SYSTEM	S-1T	B	S1T	Z	0
SYSTEM	S-1U	B	S1U	Z	0
SYSTEM	S-1V	B	S1V	Z	0
SYSTEM	S-1W	B	S1W	Z	0
SYSTEM	S-1X	B	S1X	Z	0
SYSTEM	S-1Y	B	S1Y	Z	0
SYSTEM	S-1Z	B	S1Z	Z	0
SYSTEM	S-2A	B	S2A	Z	0
SYSTEM	S-2B	B	S2B	Z	0
SYSTEM	S-2C	B	S2C	Z	0
SYSTEM	S-2D	B	S2D	Z	0
SYSTEM	S-2E	B	S2E	Z	0
SYSTEM	S-2F	B	S2F	Z	0
SYSTEM	S-2G	B	S2G	Z	0
SYSTEM	S-2H	B	S2H	Z	0
SYSTEM	S-2I	B	S2I	Z	0
SYSTEM	S-2J	B	S2J	Z	0
SYSTEM	S-2K	B	S2K	Z	0
SYSTEM	S-2L	B	S2L	Z	0
SYSTEM	S-2M	B	S2M	Z	0
SYSTEM	S-2N	B	S2N	Z	0
SYSTEM	S-2O	B	S2O	Z	0
SYSTEM	S-2P	B	S2P	Z	0
SYSTEM	S-2Q	B	S2Q	Z	0
SYSTEM	S-2R	B	S2R	Z	0
SYSTEM	S-2S	B	S2S	Z	0
SYSTEM	S-2T	B	S2T	Z	0
SYSTEM	S-2U	B	S2U	Z	0
SYSTEM	S-2V	B	S2V	Z	0
SYSTEM	S-2W	B	S2W	Z	0
SYSTEM	S-2X	B	S2X	Z	0
SYSTEM	S-2Y	B	S2Y	Z	0
SYSTEM	S-2Z	B	S2Z	Z	0

CONTROLLER TIMINGS

MOVEMENT	MIN GREEN	MAX GREEN	YELLOW CLEAR	ALL RED	WALK	REDUCE	MEMORY
1	4	3.0	3.0	2.0	-	OFF	OFF
2	18	2.5	4.5	4.5	1.0	7	30
3	4	3.0	3.0	2.0	-	OFF	OFF
4	4	3.0	3.0	2.0	-	OFF	OFF
5	4	3.0	3.0	2.0	-	OFF	OFF
6	18	2.5	4.5	4.5	1.0	7	30
7	4	3.0	3.0	2.0	-	OFF	OFF
8	4	3.0	3.0	2.0	-	OFF	OFF

ST. AUGUSTINE CENTER
 ST. JOHN COUNTY,
 FLORIDA

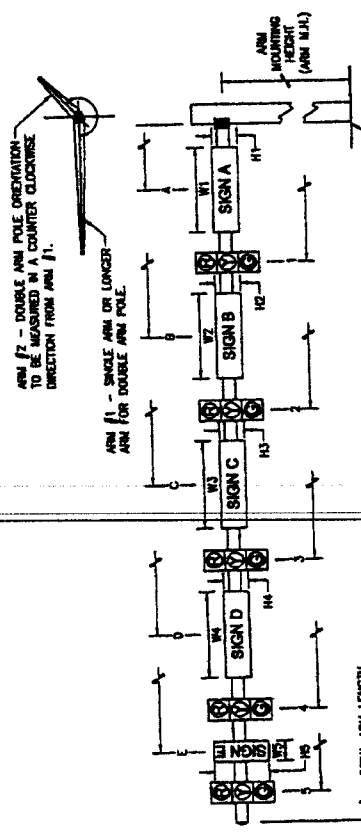
King
 4000 University Blvd., Suite 200
 Jacksonville, FL 32217
 Phone: 904-444-4444

BBH 2610
 10/1/2010

SIGNALIZATION PLAN

SHEET NO.

W43CB
 6/10/08



SHEET NO.	LOCATION BY SUC.	TOP OF FOUNDATION ELEVATION	NOV. FOUNDATION NO.	NOV. FOUNDATION ELEV.	SIGNAL V/H	SIGNAL V/H	SIGNAL V/H	DISTANCE FROM POLE (FEET)					TOTAL ARM LENGTH	ARM M.H.	ANGLE BETWEEN ADJ. ARMS	SIGN DATA										PAINT COLOR							
								1	2	3	4	5				A	H1	W1	B	H2	W2	C	H3	W3	D		H4	W4	E	H5	W5		
1	T-4	37+85.0	43.15	1	44.33	V	N	31	3	43	3	58	3	72	21.50	90/270	82	2.5	2.0	11	W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5
2	T-4	38+79.0	44.88	1	44.88	V	N	30	3	42	3	54	3	60	20.50		57	2.5	2.0	10	W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5
3	T-5	44+71.4	-	1	-	V	N	34	3	42	3	54	3	60	20.50		57	2.5	2.0	10	W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5
1	T-4	37+85.0	43.15	1	44.33	V	N	31	3	43	3	58	3	72	21.50	90/270	82	2.5	2.0	11	W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5

* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY.

NOTE: POLE #1 SHALL BE DESIGNED FOR FUTURE LOADING.

** - POLES ARE TO HAVE GALVANIZED FINISH PER FOOT STANDARDS.

SPECIAL INSTRUCTIONS		
ID	PER. BUTION	HAMPHOLE LOCATION

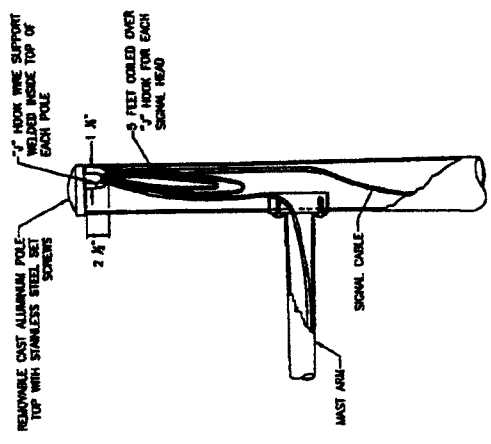
MAST ARM TABULATION

ST. AUGUSTINE CENTER
 ST. JOHNS COUNTY,
 FLORIDA

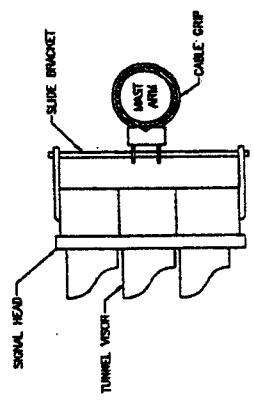
BB# 2610

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ST. AUGUSTINE, FLORIDA
 Phone: (904) 884-9775

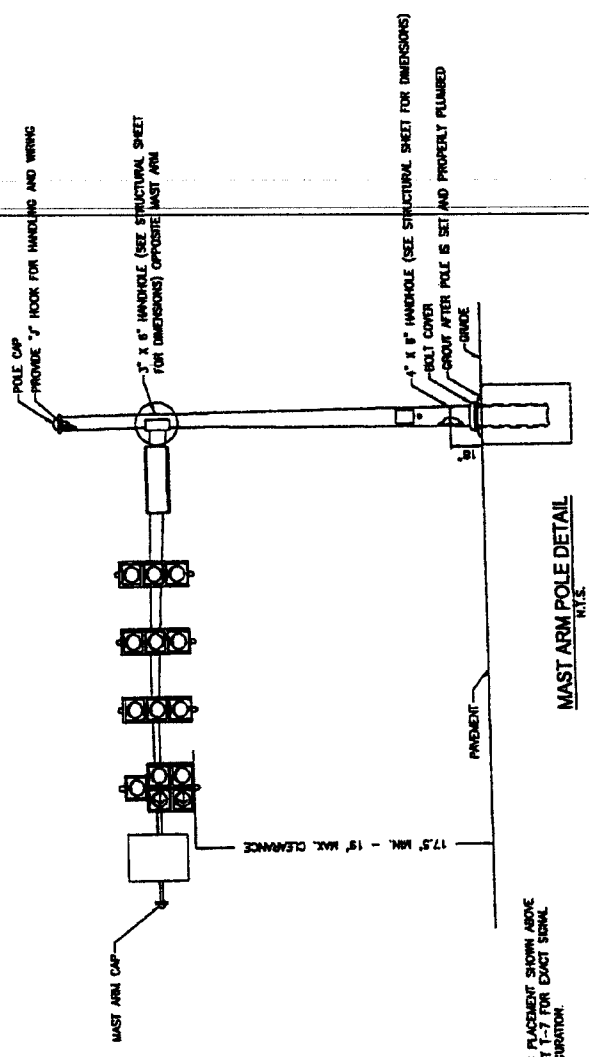


TYPICAL CABLE STRAIN RELIEF DETAIL
N.T.S.



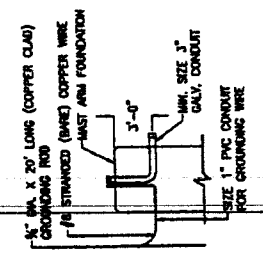
SIGNAL HEAD BRACKET ATTACHMENT DETAIL
N.T.S.

6/14/02
WJ/JNA

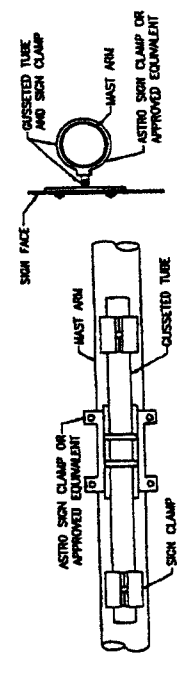


MAST ARM POLE DETAIL
N.T.S.

NOTE:
SIGNAL HEAD AND SIGN CLAMP SHOWN ABOVE IS TYPICAL. SEE DRAWING FOR EXACT SIGNAL HEAD AND SIGN CONFIGURATION.



ELECTRICAL CONDUIT AND GROUNDING DETAIL
N.T.S.



SIGN ATTACHMENT DETAILS
N.T.S.

SHEET NO. 1-3

MAST ARM DETAILS

ST. AUGUSTINE CENTER
ST. JOHNS COUNTY, FL

ED# 2610
6848
St. Augustine, FL 32154
Phone: 904.826.0775

King

MATCHLINE STA. 202+57.78

NOT PART OF THIS PERMIT

BELZ-OUTLET

TREE MITIGATION

TREE LEGEND

- 15" PALM TREE
- 12" PALM TREE
- 10" PALM TREE
- 8" PALM TREE
- 6" PALM TREE
- 4" PALM TREE
- 3" GUM TREE
- 2" GUM TREE
- 1" GUM TREE
- 12" PALM TREE
- 10" PALM TREE
- 8" PALM TREE
- 6" PALM TREE
- 4" PALM TREE
- 3" GUM TREE
- 2" GUM TREE
- 1" GUM TREE

TREE PLANTING

- P-1 10" PALM TREE
- P-2 12" PALM TREE
- P-3 12" PALM TREE

TREE REMOVAL

- R-1 10" PALM TREE
- R-2 12" PALM TREE
- R-3 12" PALM TREE
- R-4 12" PALM TREE

GENERAL TREE PLANTING NOTES:

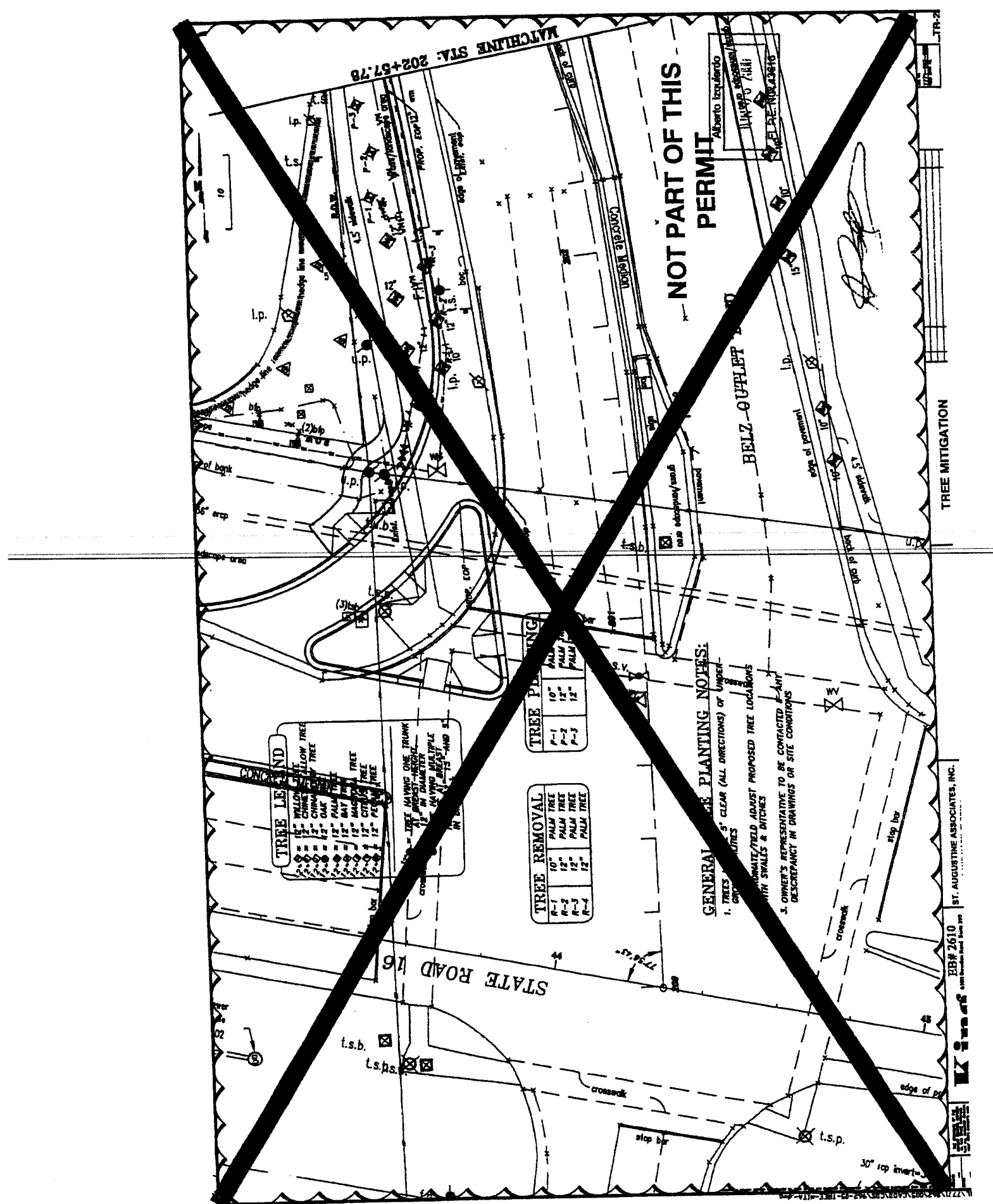
- 1. TREES SHALL BE 5' CLEAR (ALL DIRECTIONS) OF UNDERPASS STRUCTURES
- 2. ADJUST PROPOSED TREE LOCATIONS WITH SWALES & DITCHES
- 3. OWNER'S REPRESENTATIVE TO BE CONTACTED IN ANY DISCREPANCY IN DRAWINGS OR SITE CONDITIONS

ST. AUGUSTINE ASSOCIATES, INC.

EBB# 2610

DATE: 01/14/14

PROJECT: BELZ-OUTLET



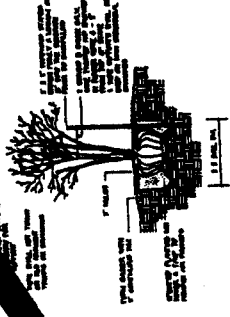
PLANTING NOTES

The landscape architect is responsible for providing the necessary information to the contractor for the planting of trees and shrubs. The contractor is responsible for the proper care and maintenance of the plants during and after the planting process.

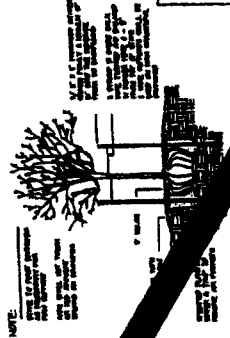
The contractor shall be responsible for the following: 1. The proper selection of plants for the site. 2. The proper preparation of the planting site. 3. The proper planting technique. 4. The proper watering and fertilizing of the plants. 5. The proper maintenance of the plants during the growing season.

The contractor shall also be responsible for the following: 1. The proper selection of trees and shrubs. 2. The proper preparation of the planting site. 3. The proper planting technique. 4. The proper watering and fertilizing of the plants. 5. The proper maintenance of the plants during the growing season.

NOT PART OF THIS PERMIT



MULTI-TRUNK TREE STAKING
SEE PLAN FOR TYPE



SINGLE-TRUNK TREE STAKING
SEE PLAN FOR TYPE

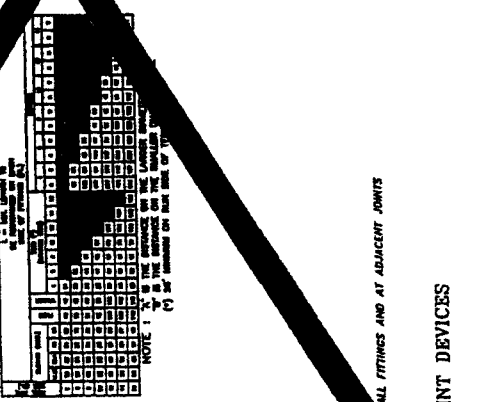
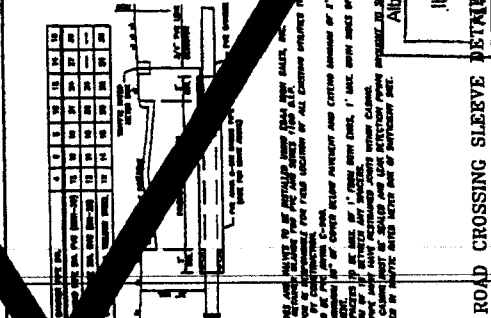
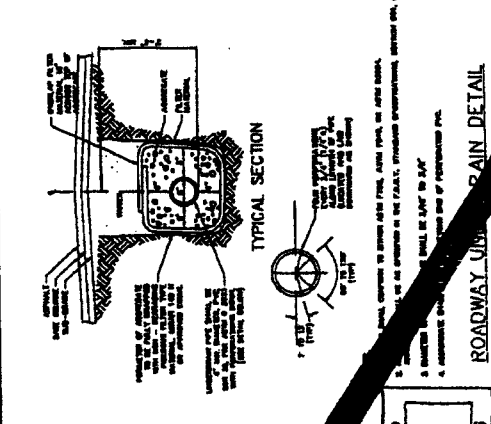
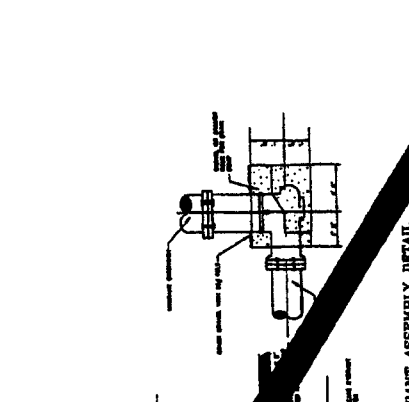
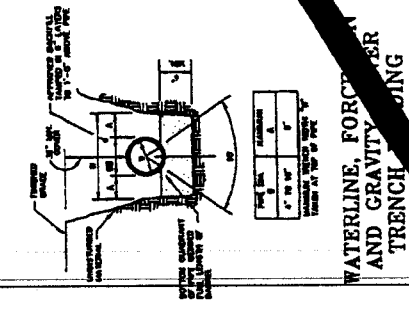
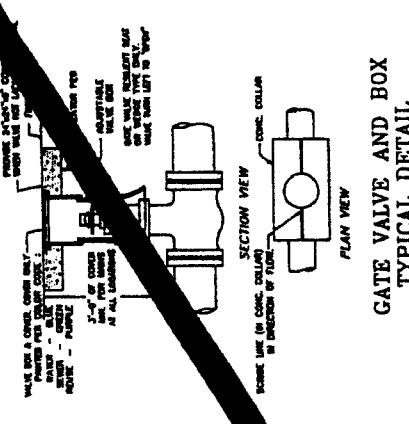
Alberto Izquierdo
JUN 06 7:08
FLPE NO. 43616

TREE MITIGATION

ST. AUGUSTINE ASSOCIATES, INC.
1000 BRUNNEN ROAD, SUITE 100
ST. AUGUSTINE, FLORIDA

BB# 2610

Kind



NOT PART OF THIS PERMIT

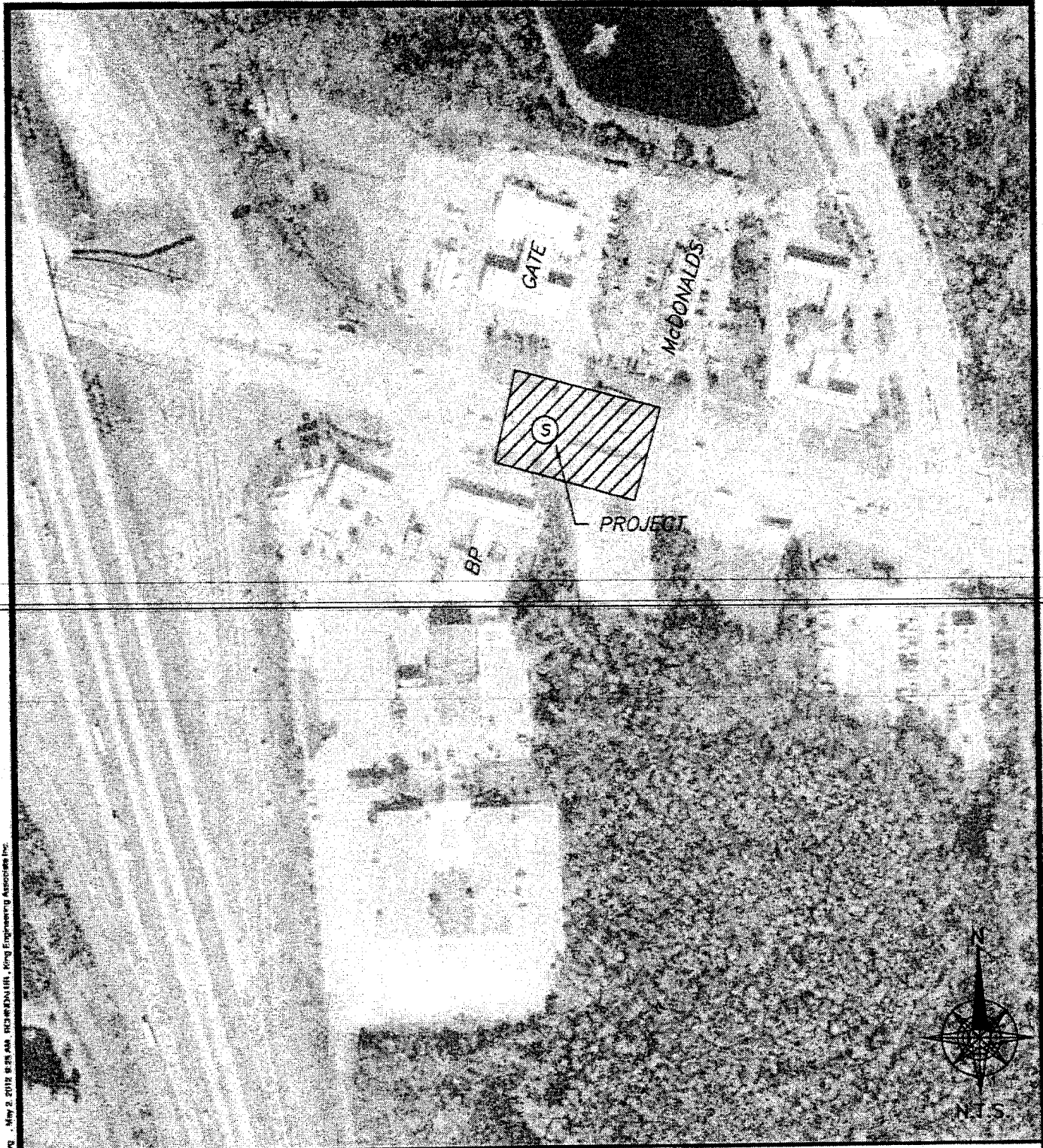
ROAD CROSSING SLEEVE DETAIL NO. 43816
N.T.S.

WATER MAIN RELOCATION

ST. AUGUSTINE ASSOCIATES, INC.
EIBH 2610
1000 BROADWAY, SUITE 1000
ST. AUGUSTINE, FLORIDA 32080

EXHIBIT C

Project Limits



May 2, 2012 8:58 AM - 8:58 AM - 8:58 AM - King Engineering Associates Inc.

PROJECT LIMITS

King
ENGINEERING ASSOCIATES, INC.

6500 Bowden Road
Suite 290
Jacksonville, FL 32216
Phone 904 636-6755
Fax 904 636-9533

INTERSECTION ANALYSIS
STATE ROAD 16 AT McDONALDS / BP DRIVE
ST. JOHNS COUNTY, FLORIDA

Figure
2

EXHIBIT D

Voucher

Voucher #

St. Johns County Impact Fee Voucher

Name of Development/Developer

Name and address of Developer/Grantor: St. Augustine Associates, Inc. 1431 Orange Camp Road, Suite 116, Deland, FL 32724

Name and address of Grantee: _____

Legal description of subject property: _____

4. Subdivision or Master Development Plan name: St. Augustine Centre

The undersigned Developer/Grantor confirms that it has received from _____ on _____, 20____ funds sufficient for the following impact fees required under the applicable St. Johns County Impact Fee Ordinance, as amended, as indicated below. Developer/Grantor gives notice to St. Johns County, Florida that the following sums should be deducted from the applicable Impact Fee Credit account of the Developer/Grantor.

- | | |
|----------------------------------------------------|--------------------------------------------------------|
| <input checked="" type="checkbox"/> Roads | Ordinance #87-57 in the amount of \$ <u>194,253.32</u> |
| <input type="checkbox"/> Parks | Ordinance #87-58 in the amount of \$ _____ |
| <input type="checkbox"/> Public Capital Facilities | Ordinance #87-59 |
| <input type="checkbox"/> Buildings | in the amount of \$ _____ |
| <input type="checkbox"/> Police | in the amount of \$ _____ |
| <input type="checkbox"/> Fire | in the amount of \$ _____ |
| <input type="checkbox"/> EMS | in the amount of \$ _____ |
| <input type="checkbox"/> Educational Facilities | Ordinance #87-60 in the amount of \$ _____ |

By: _____

Print: _____

Its: _____