

RESOLUTION NO. 2012- 113

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND CONDITIONS OF AN AGREEMENT BY AND BETWEEN THE RIVERS EDGE COMMUNITY DEVELOPMENT DISTRICT (CDD) AND ST. JOHNS COUNTY; AUTHORIZING THE COUNTY ADMINISTRATOR OR DESIGNEE TO EXECUTE THE AGREEMENT AND ANY SUPPLEMENTAL DOCUMENTATION; PROVIDING FOR THE EFFECT OF RECITALS; PROVIDING FOR CORRECTION OF ERRORS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Rivers Edge Community Development District ("CDD") and the St. Joe Company ("St. Joe") have entered into a Construction & Joint Use Agreement ("CJ Agreement") with the Florida Department of Transportation ("Department") allowing them to construct a roundabout and other improvements within the SR 13 right-of-way; and

WHEREAS, St. Joe and/or the CDD will construct a roundabout within the Department's SR 13 right of way, to include landscaping, irrigation, hardscape, signing, sidewalk / multiuse path, accent landscape lighting, pedestrian crosswalk lighting and the rectangular rapid flashing beacon ("RRFB") system within the pedestrian crosswalks (collectively the "Improvements"); and

WHEREAS, Pursuant to the terms and provisions of the CJ Agreement, St. Joe and the CDD or St. Joe alone will construct all improvements required to permit the Department to drain, detain and retain stormwater flowing from the relevant segment of SR 13 and the Improvements included within the project; and

WHEREAS, Plans for the Improvements are attached to this Agreement as Exhibit "A"; and

WHEREAS, through this agreement the CDD commits to the County to operate, maintain and repair the Improvements, Stormwater Pond and Drainage Facilities as described in the agreements at its sole expense and as specified under the FDOT CJ agreement; and

WHEREAS, Upon the Department's and County's approval of construction of the Improvements and Drainage Facilities, the County shall commit to FDOT for the operation, maintenance and repair the Improvements, Stormwater Pond and Drainage Facilities; and

WHEREAS, the County has reviewed the terms, provisions, and requirements of the Agreement, and has determined that accepting the terms of the Agreement serves the public interests of the citizens of St. Johns County.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are hereby incorporated into the body of this Resolution, and such Recitals are adopted as Findings of Fact.

Section 2. The Board of County Commissioners hereby approves the terms, conditions, provisions, and requirements of the CDD-St. Johns County Maintenance Agreement, and authorizes the County Administrator, or designee, to execute a written agreement substantially in the form of the attached Agreement, on behalf of the County.

Section 3. The Board of County Commissioners further authorizes the County Administrator, or designee, to execute any supplement paperwork/documentation necessary to accomplish the overall goal set forth in the Agreement.

Section 4. To the extent that there are typographical, administrative or scrivener's errors that do not change the tone, tenor or concept of this Resolution, then this Resolution may be revised without further action by the Board of County Commissioners.

Section 5. This Resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 3rd day of April, 2012.

**BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA**

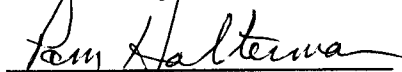
BY: _____



Mark P. Miner ---Chair

ATTEST: Cheryl Strickland, Clerk

By: _____



Deputy Clerk

RENDITION DATE 4/5/12



MAINTENANCE AGREEMENT

THIS MAINTENANCE AGREEMENT ("Agreement") is made and entered into by and between St. Johns County, Florida ("County") and Rivers Edge Community Development District ("District").

- Recitals -

A. Whereas, the District and the St. Joe Company ("St. Joe") have executed a Construction & Joint Use Agreement ("CJ Agreement") with the Florida Department of Transportation (Department); and

B. Whereas, pursuant to the terms and provisions of the CJ Agreement, the District will construct a roundabout within the Department's SR 13 right of way, to include landscaping, irrigation, hardscape, signing, a sidewalk / multiuse path, accent landscape lighting, pedestrian crosswalk lighting and the rectangular rapid flashing beacon system within the pedestrian crosswalks (collectively "Improvements"); and

C. Whereas, the Improvements are now ready to be constructed pursuant to the plans attached to this Agreement as Exhibit "A"; and

D. Whereas, as noted in the CJ Agreement, St. Joe constructed a stormwater retention area and related drainage improvements on its property in the vicinity of the location of the Improvements ("Stormwater Pond"), the purpose of which is to receive water from St. Joe's adjacent RiverTown Development of Regional Impact as well as stormwater runoff from the Improvements and the relevant segment of SR 13; and

E. Whereas, pursuant to the terms and provisions of the CJ Agreement, the District alone will construct all drainage improvements required to permit the Department to drain, detain and retain stormwater flowing from the relevant segment of SR 13 and the Improvements, to the Stormwater Pond ("Drainage Facilities"); and

F. Whereas, the Department requires the County to be the party to sign an agreement with them for maintenance after the Department and County's approval of construction of the Improvements and the acceptance of the project, which agreement allows the County to delegate the duties accordingly; and

G. Whereas, pursuant to the terms of the development orders, the District and/or St. Joe is required to operate, maintain and repair, and keep the Improvements, Stormwater Pond and Drainage Facilities in order both functionally and aesthetically; and

H. Whereas, the County and the District desire to enter into this Agreement outlining the fact that the District will honor those obligations by fulfilling the maintenance duties undertaken by the County in their agreement with the Department.

NOW THEREFORE, with full knowledge and understanding of the laws governing the subject matter of this Agreement, and in consideration of the foregoing recitals and the mutual covenants and conditions contained in this Agreement, the parties, intending to be legally bound hereby, acknowledge and agree as follows:

1. RECITALS & EXHIBITS

The recitals set forth above and exhibits attached hereto are specifically incorporated by reference and made part of this Agreement.

2. EFFECTIVE DATE

The effective date of the Agreement shall be the date the last of the parties to be charged executes the Agreement ("Effective Date").

3. E-VERIFY

In their maintenance agreement with the Department, the County was required to agree to utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new

employees hired by the County during the term of the agreement, and to expressly require any subcontractors performing work or providing services pursuant to the Agreement to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term. Therefore, in accord with their obligation under the development orders and acting in the place of the County to maintain the Improvements in proper order both functionally and aesthetically, the District agrees to ensure compliance by verifying the employment eligibility of all employees hired for the services outlined in this Agreement through the E-Verify system.

4. COMPLIANCE

The District shall perform this Agreement in a good and workmanlike manner, with reasonable care, in accordance with the terms and provisions hereof and all applicable federal, state, local, administrative, regulatory, safety and environmental laws, codes, rules, regulations, policies, procedures, guidelines, standards and permits, as the same may be constituted and amended from time to time, including, without limitation, those of the Department, applicable Water Management District, Florida Department of Environmental Protection, Environmental Protection Agency, Army Corps of Engineers, United States Coast Guard, St. Johns County and other local governmental entities ("Governmental Law").

5. PERMITS

In the performance of the Agreement the District may be required to obtain one or more Department and/or County permits which may include copies of this Agreement as an exhibit. Notwithstanding the inclusion or incorporation of this Agreement as part of any such Department and/or County permits, the Agreement shall remain separate and apart from such permits and shall not be merged into the same absent the prior written express consent of the Department and/or County. Should any term or provision of the Agreement conflict with any term, provision or requirement of any Department and/or County permit, the terms and provisions of the Agreement shall control unless specifically noted otherwise in any such Department and/or County permit. For purposes of this Agreement, the term "permit" shall also include the Department's Construction Agreement which may be required for permanent improvements installed within the Department's right-of-way.

6. OPERATION, MAINTENANCE & REPAIR

A. From the date of the Department and/or County acceptance of the construction of the Improvements and Drainage Facilities, the District shall operate, maintain and repair the Improvements, Drainage Facilities and Stormwater Pond at its sole cost and expense, in a good and workmanlike manner, with reasonable care, in accordance with the terms and provisions of this Agreement, including applicable Governmental Law. No term or provision of this Agreement shall obligate the County to operate, maintain or repair the Improvements, Stormwater Pond and/or Drainage Facilities, said obligations remain the sole responsibility of the District as specified in this section.

B. If the County determines that the Improvements, Stormwater Pond or Drainage Facilities are not being operated, maintained or repaired in accordance with the terms and provisions of this Agreement, the County shall deliver written notification of such to the District. The District shall have thirty (30) days from the date of the County's written notice, or such other time as the County and the District mutually agree in writing, to correct the deficiency and provide the County with written notice of the same.

C. If the deficiency is not corrected timely, or if the County determines that the deficiency remains after receipt of the County's notice, the County, within its sole discretion, may select one or more of the following remedies: (1) provide the District with written authorization granting such additional time as the County deems appropriate to correct the deficiency; or (2) correct the deficiency at the District's sole cost and expense. Should the County elect to correct the deficiency, the County shall provide the District with an invoice for the costs incurred by the County to correct the deficiency and the District shall pay the invoice in accordance with the Payment section of this Agreement.

D. If at any time in the sole determination of the County and/or the Department, the integrity or safety of the Improvements require immediate maintenance or repair for the benefit of public health, safety or welfare, the County and/or the Department may perform such maintenance and repairs it deems appropriate under the circumstances. The County and/or the Department shall provide the District with an invoice for the emergency maintenance and repairs performed by the County and/or the Department and the District shall pay the invoice in accordance with the Payment section of this Agreement.

7. MAINTENANCE OF TRAFFIC

A. The District shall be responsible for the maintenance of traffic ("MOT") at all times during the performance of this Agreement when required by applicable Governmental Law. MOT shall be performed in accordance with applicable Governmental Law and the most current edition of each of the following, as the same may be constituted and amended from time to time, all of which are incorporated herein and made part of the Agreement by reference: (1) Section 102 of the Department's Standard Specifications for Road and Bridge Construction; (2) the Manual on Uniform Traffic Control Devices; and (3) the Department's Roadway Design Standards Index 600 Series.

B. If the District fails to perform MOT as required herein, the Department and/or County, within its discretion, may elect to perform MOT at the District's sole cost and expense. Should the Department and/or County perform MOT, the Department and/or County shall provide the District with an invoice for the costs incurred by the Department and/or County and the District shall pay any such invoice in accordance with the Payment section of this Agreement.

8. PERMISSIVE USE

The District's performance of this Agreement creates a permissive use only and shall not operate to create or vest any additional property rights in the District. The District shall not acquire any right, title, interest or estate in any Department or County right of way or property by virtue of the execution, operation, effect or performance of this Agreement.

9. NOTICE OF COMPLIANCE

Within thirty (30) days of the County's receipt of a written request from the District, the County shall provide written notice: (1) indicating whether the District is in default of any of the obligations set forth in this Agreement and, if so, identifying the default; and (2) indicating whether any funds are due and owing to the County pursuant to this Agreement.

10. PAYMENT

All Department and/or County invoices submitted for payment pursuant to the terms and provisions of this Agreement are due and payable within thirty (30) days of the date of the invoice ("Due Date"). Any portion of an invoice not received by the Department and/or County by the Due Date shall immediately thereafter begin accruing interest at a rate of interest established pursuant to §55.03, Florida Statutes, until paid in full (past due principle and accrued interest shall be collectively referred to as "Past Due Sums").

11. INDEMNIFICATION

A. To the maximum extent permissible under applicable Florida law, the District shall promptly defend, indemnify, and hold the County harmless from and pay all demands, claims, judgments, liabilities, damages, fines, fees, taxes, assessments, costs, losses, penalties, construction delay costs / penalties, expenses, attorneys' fees and suits of any nature or kind whatsoever caused by or resulting from the District's negligence, intentional or wrongful acts, omissions or the performance or breach of this Agreement ("Liabilities"). The District shall immediately notify the County in writing upon becoming aware of any Liabilities. The District shall, upon the County's written demand, participate and associate with the County in the defense and trial of any Liabilities, including related settlement negotiations. The inability of the District to evaluate liability, or its evaluation of liability, shall not excuse performance of the provisions of this paragraph.

B. The term Liabilities shall also specifically include all civil and criminal environmental liability arising, directly or indirectly under any Governmental Law, including, without limitation, liability under the Resource Conservation and Recovery Act ("RCRA"), the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), the Clean Air Act ("CAA") and the Clean Water Act ("CWA").

C. The indemnification requirements set forth in this section specifically do not encompass indemnifying the County for its negligence, intentional or wrongful acts, omissions or breach of contract.

12. SOVEREIGN IMMUNITY & LIMITATION OF LIABILITY

Nothing in this Agreement shall be deemed or otherwise interpreted as waiving the Department and/or County's sovereign immunity protections, or as increasing the limits of liability set forth in §768.28, Florida Statutes, as the same may be amended from time to time. The County's liability for breach of this Agreement is specifically: (1) limited to actual damages incurred by the District as a direct result of the

County's breach; and (2) further limited in amount and shall not, under any circumstances, exceed the limitations of liability for tort actions set forth in §768.28(5), Fla. Stat. (2011).

Nothing in this Agreement shall be deemed or otherwise interpreted as waiving the District's sovereign immunity protections, or as increasing the limits of liability set forth in §768.28, Florida Statutes, as the same may be amended from time to time. The District's liability for breach of this Agreement is specifically: (1) limited to actual damages incurred by the Department and/or County as a direct result of the District's breach; and (2) further limited in amount and shall not, under any circumstances, exceed the limitations of liability for tort actions set forth in §768.28(5), Fla. Stat. (2011).

13. INSURANCE

A. At their sole cost and expense, the District shall procure and perpetually maintain a commercial general liability insurance policy, specifically naming the County as an additional insured and insuring the County and the District against any and all claims for injury or damage to persons and property, and for the loss of life or property, that may occur (directly or indirectly) by reason of the performance or breach of this Agreement. Such insurance shall be carried in a minimum amount of not less than One Million Dollars (\$1,000,000.00) for bodily injury or death to any one person or any number of persons in any one occurrence, and not less than One Million Dollars (\$1,000,000.00) for property damage, or a combined coverage of not less than two million dollars (\$2,000,000.00).

B. The policy of insurance required by this Agreement shall be issued by a company licensed to do business in the State of Florida. If during any term of this Agreement any insurance carrier provides notice to either party of its intent to cancel any of the required insurance policies, or not renew any of the required insurance policies, the District shall secure replacement insurance satisfying the requirements of this Agreement prior to the effective date of cancellation.

C. Annually, on or before the anniversary of the Effective Date, the District shall provide the County with certificates and other documents requested by the County evidencing that the required insurance is in place and effective.

14. DUE DILIGENCE & WARRANTIES

A. The District is solely responsible for any and all due diligence requirements related to its negotiation, execution and performance of this Agreement.

B. The County makes no representations or warranties of any kind, express or implied, concerning the Improvements, including, without limitation, representations and warranties regarding: (1) the physical condition of the Improvements; (2) compliance with local ordinances and zoning laws; (3) compliance with Governmental Law; and (4) merchantability or fitness for a particular purpose.

15. NOTICE

All notices, communications and determinations between the parties hereto and those required by the Agreement, including, without limitation, changes to the notification addresses set forth below, shall be in writing and shall be sufficient if mailed by regular United States Mail, postage prepaid, to the parties at the following addresses:

St. Johns County Public Works Department
Attention: County Engineer
2740 Industry Center Road
St. Augustine, Florida 32084

With a copy to:
County Attorney's Office, St. Johns County
500 San Sebastian View
St. Augustine, FL 32084

Rivers Edge Community Development District ("District")
475 West Town Place, Suite 114
St. Augustine, FL 32092
Attention: District Manager

With a copy to:
Hopping Green & Sams, P.A.
119 S. Monroe Street, Suite 300
Tallahassee, FL 32301
Attention: District Counsel

16. GOVERNING LAW

This Agreement shall be governed in all respect by the laws of the State of Florida.

17. INITIAL DETERMINATION OF DISPUTES

The County Administrator or his designee shall act as the initial arbiter of all questions, difficulties, and disputes concerning the interpretation, validity, performance or breach of the Agreement.

18. VENUE AND JURISDICTION

A. Venue for any and all actions arising out of or in any way related to the interpretation, validity, performance or breach of the Agreement that are not resolved to the mutual satisfaction of the parties by the County Administrator or his designee shall lie exclusively in a state court of appropriate jurisdiction in St. Johns County, Florida.

B. The District and all persons and entities accepting an assignment of this Agreement, in whole or in part, shall be deemed as having consented to personal jurisdiction in the State of Florida and as having forever waived and relinquished all personal jurisdiction defenses with respect to any proceeding related to the interpretation, validity, performance or breach of this Agreement.

19. JURY TRIAL

The parties hereby waive the right to trial by jury of any dispute concerning the interpretation, validity, performance or breach of the Agreement, including, without limitation, damages allegedly flowing therefrom.

20. ASSIGNMENT

A. This Agreement is not freely assignable by the District. Assignments are not valid or effectual absent the County's prior written approval, which the County may deny with or without cause. Nothing in this section shall prevent the District from delegating its duties hereunder, but such delegation shall not release the District from its obligation to perform this Agreement.

B. All assignments shall be in writing as prepared by the County and shall be executed by the County, assignor and assignee. Fully executed original assignment agreements shall be delivered to, and maintained by the County.

21. THIRD PARTY BENEFICIARIES

This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. Nothing in this Agreement is intended to confer any rights, privileges, benefits, obligations or remedies upon any other person or entity except as expressly provided for in this Agreement.

22. VOLUNTARY EXECUTION OF AGREEMENT

Each party warrants and represents to the other: (i) that it understands all of the rights and obligations set forth in the Agreement and the Agreement accurately reflects the desires of said party; (ii) each provision of the Agreement has been negotiated fairly at arm's length; (iii) it fully understands the advantages and disadvantages of the Agreement and executes the Agreement freely and voluntarily of its own accord and not as a result of any duress, coercion, or undue influence; and (iv) it had the opportunity to have independent legal advice by counsel of its own choosing in the negotiation and execution of the Agreement.

23. ENTIRE AGREEMENT

This instrument contains the entire understanding of the parties and no representations or promises have been made except those that are specifically set out in this Agreement. All prior and contemporaneous conversations, negotiations, possible and alleged agreements, representations, covenants, and warranties with respect to the subject matter of this Agreement are waived and superseded by this Agreement.

24. EXECUTION OF DOCUMENTS

The parties agree that they shall promptly execute and deliver to the other all documents necessary to accomplish the intent and purpose of the Agreement and shall do all other acts to effectuate the Agreement.

25. SUFFICIENCY OF CONSIDERATION

By their signature below, the parties hereby acknowledge the receipt, adequacy and sufficiency of consideration provided in the Agreement and forever waive the right to object to or otherwise challenge the same.

26. WAIVER

The failure of either party to insist on the strict performance or compliance with any term or provision of the Agreement on one or more occasions shall not constitute a waiver or relinquishment of the rights provided in this Agreement and all such terms and provisions shall remain in full force and effect unless waived or relinquished in writing.

27. INTERPRETATION

No term or provision of the Agreement shall be interpreted for or against any party because that party or that party's legal representative drafted the provision.

28. CAPTIONS

Paragraph title or captions contained herein are inserted as a matter of convenience and reference and in no way define, limit, extend or describe the scope of the Agreement, or any provision hereof.

29. SEVERANCE

If any section, paragraph, clause or provision of the Agreement is adjudged by a court, agency or authority of competent jurisdiction to be invalid, illegal or otherwise unenforceable, all remaining parts of the Agreement shall remain in full force and effect and the parties shall be bound by the same so long as principle purposes of the Agreement remain enforceable.

30. COMPUTATION OF TIME

In computing any period of time prescribed in the Agreement, the day of the act, event or default from which the designated period of time begins to run, shall not be included. The last day of the period shall be included unless it is a Saturday, Sunday or legal holiday, in which event the period shall run until the end of the next day which is not a Saturday, Sunday or legal holiday.

31. MODIFICATION OF AGREEMENT

A modification or waiver of any of the provisions of the Agreement shall be effective only if made in writing and executed with the same formality as the Agreement.

[Remainder of Page Left Intentionally Blank, Signature Page Follows]

IN WITNESS WHEREOF, intending to be legally bound hereby, the parties hereby execute this Agreement, consisting of seven (7) pages, plus Exhibit A.

St. Johns County

Witnesses:

By: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

By: _____


Date: _____

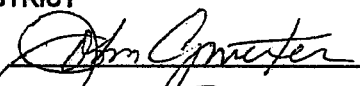
Printed Name: _____

Legal Review:

By: _____
Office of the County Attorney
St. Johns County BOCC

DISTRICT

Attest:
By: 
Printed Name: Erin Cherkov

By: 
Printed Name: JOHN GRUETER

Title: CHAIRMAN

Title: _____

Date: 2/22/12

Date: 2/22/12

Legal Review:

By: 
Legal Counsel for District

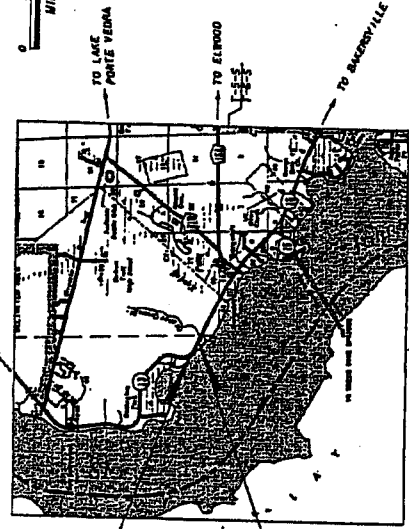
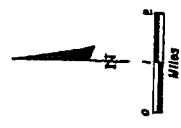
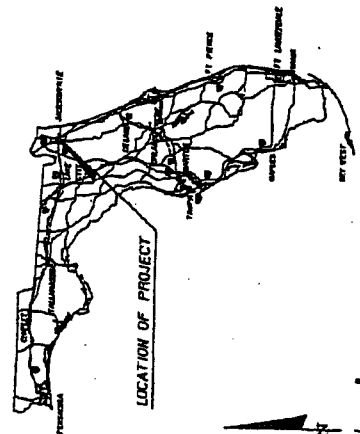
Exhibit "A"
(Plans for the Improvements)

COMPONENTS OF CONTRACT PLANS SET
 ROADWAY PLANS
 EXISTING & PROPOSED IMPROVEMENT PLANS
 LANDSCAPE PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2-9	CYRICAL SECTION
10	PROJECT LAYOUT
11	PLAN AND PROFILE
12	STORMWATER MANAGEMENT
13-25	TRAFFIC CONTROL PLAN
26-35	LANDSCAPE PREVENTION PLAN

CONTRACT PLANS
 ST. JOHNS COUNTY (78070)
 STATE ROAD NO. 13



END PROJECT
 STA. 362+00.00

BEGIN PROJECT
 STA. 369+92.33
 A.P. 7.006

PLANS PREPARED BY:
 TRANSCENT CONSULTING
 1000 W. STATE ST.
 SUITE 100
 JACKSONVILLE, FL 32202
 TEL. 904.781.1111

SEE THE SCALE OF THESE PLANS AND
 MAKE REVISIONS AS NECESSARY.

PROJECT LENGTH IS BASED ON % OF CONSTRUCTION

LENGTH OF PROJECT	
BRIDGES	LINEAR FEET
0.283	1177.10
0.123	1177.10
0.123	1177.10
0.123	1177.10

LET SHEET REVISIONS	
DATE	DESCRIPTION

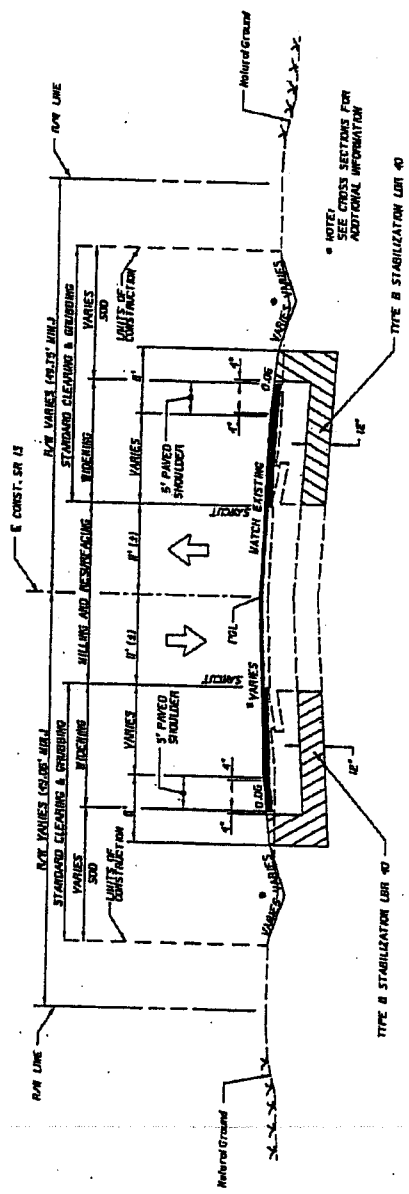
DATE OF REVISION: 11/1/12
 DRAWN BY: M.A.D.
 CHECKED BY: M.A.D.
 PROJECT NO.: 5983

PAGE NO.	12
SHEET NO.	1

APPENDIX A: SEE STATIONING SCHEDULES T-1-10
 For Design Standards and Specifications see the "Design Standards and Specifications" of the Florida Department of Transportation (FDOT) at: <http://www.fdot.com/standards>

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES INVOLVED IN THE PROJECT AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.

FOOT PROJECT MANAGER: CONNOR B. WALZER



TYPICAL SECTION - SR 13
 STA. 369+82.33 TO STA. 372+76.54
 STA. 379+22.55 TO STA. 382+00.00

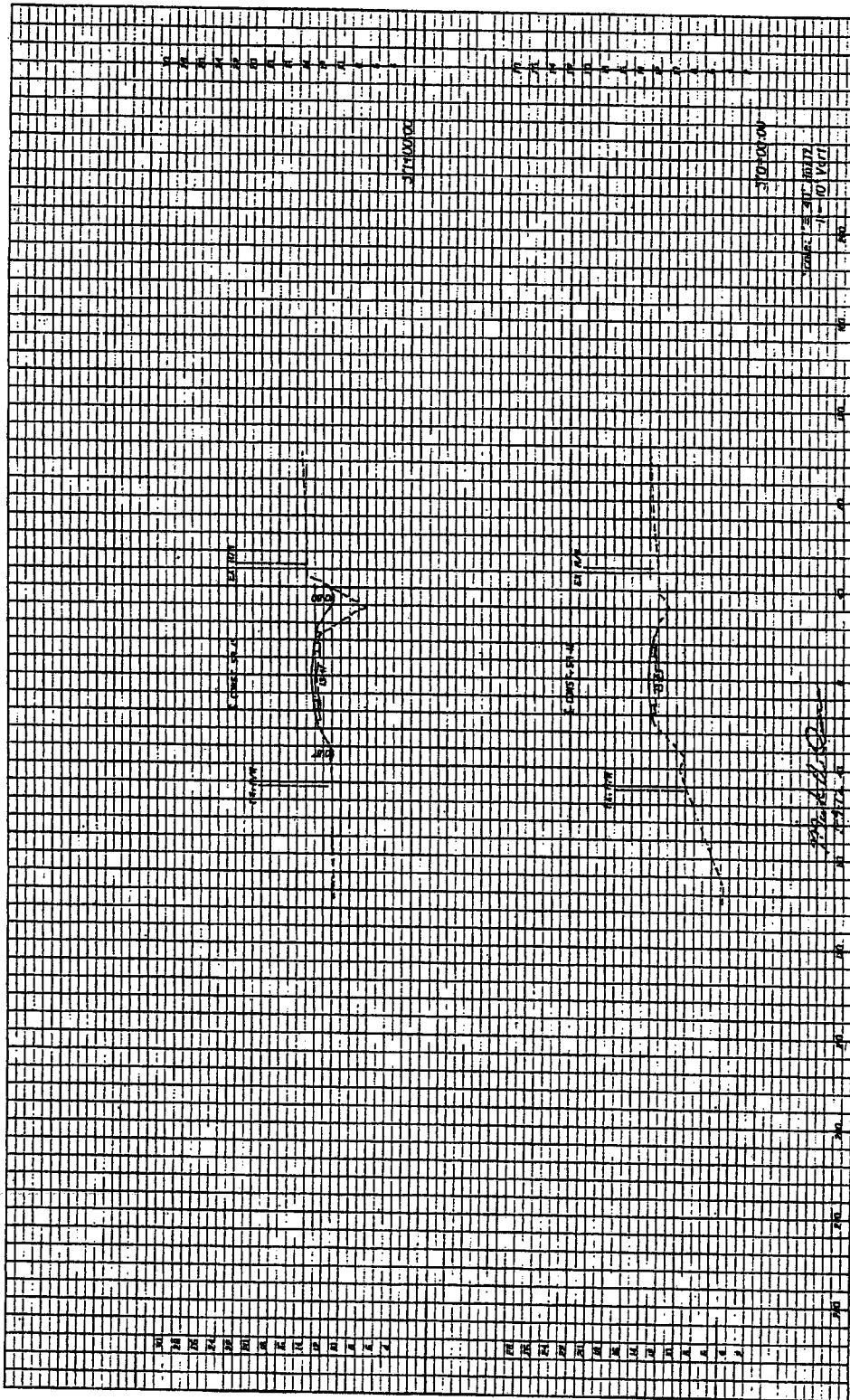
- WILL EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)
- RESURFACING
- FRACTION COURSE FC-12.5 (TRAFFIC CI 1 1/2')
- WIDENING
- OPTIONAL BASE GROUP 10 (TYPE B-12.5-6 1/2" ONLY) WITH TYPE SP STRUCTURAL COURSE (TRAFFIC CI 11')
- WITH FRACTION COURSE FC-12.5 (1 1/2" TRAFFIC CI)

TRAFFIC DATA
 CURRENT YEAR = 6,300
 ESTIMATED OPENING YEAR = 2002 AND 6,600
 ESTIMATED DESIGN YEAR = 2006 AND 7,200
 K = 5% D = 5% T = 3% (24 HOUR)
 DESIGN HOUR T = 15%
 DESIGN SPEED = 45 MPH

CROSS-SLOPE
 1. MATCH EXISTING CROSS-SLOPE;
 STA. 369+82.33 TO 372+76.54
 STA. 379+22.55 TO 382+00.00

Mark A. D. ...
 1-3-02

NOT TO SCALE		SHEET NO. 4	
TYPICAL SECTION		DATE	
PROJECT NO.	DATE	DESIGNER	SCALE
013	03	ST. JOHNS	N/A
		PROJECT NO. 013 DATE 03/03/02 DESIGNER ST. JOHNS SCALE N/A	
NO.	REVISION	DATE	BY



SHEET NO. 14	
CROSS SECTIONS	
PROJECT NO. 003	PROJECT NAME ST. JOHNS
DATE 11/10/17	SCALE N/A
PROJECT LOCATION ST. JOHNS ST. JOHNS ST. JOHNS	
DRAWN BY CHECKED BY APPROVED BY	

11/10/17

003

ST. JOHNS

SECTION 1

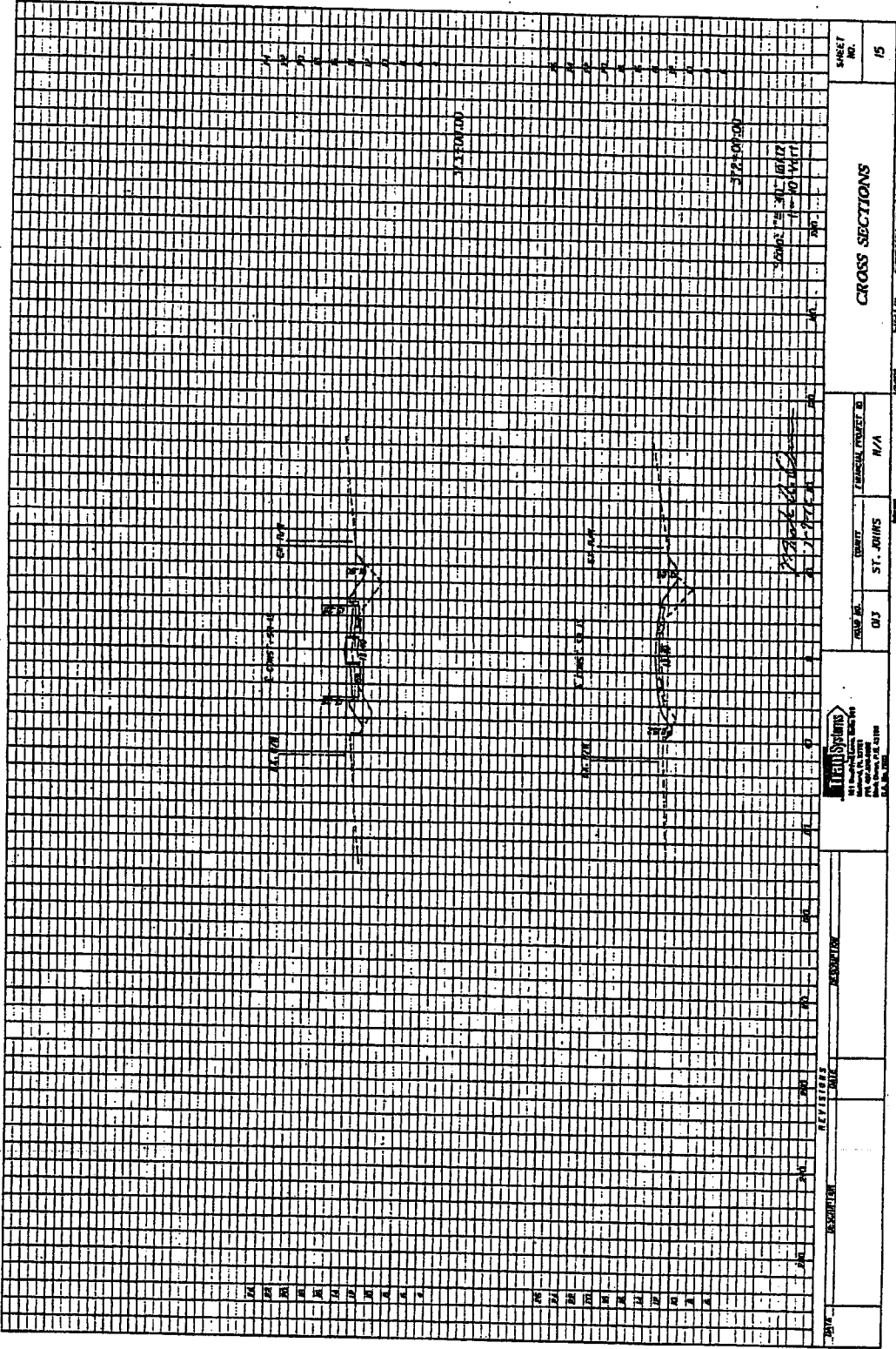
SECTION 2

SECTION 1

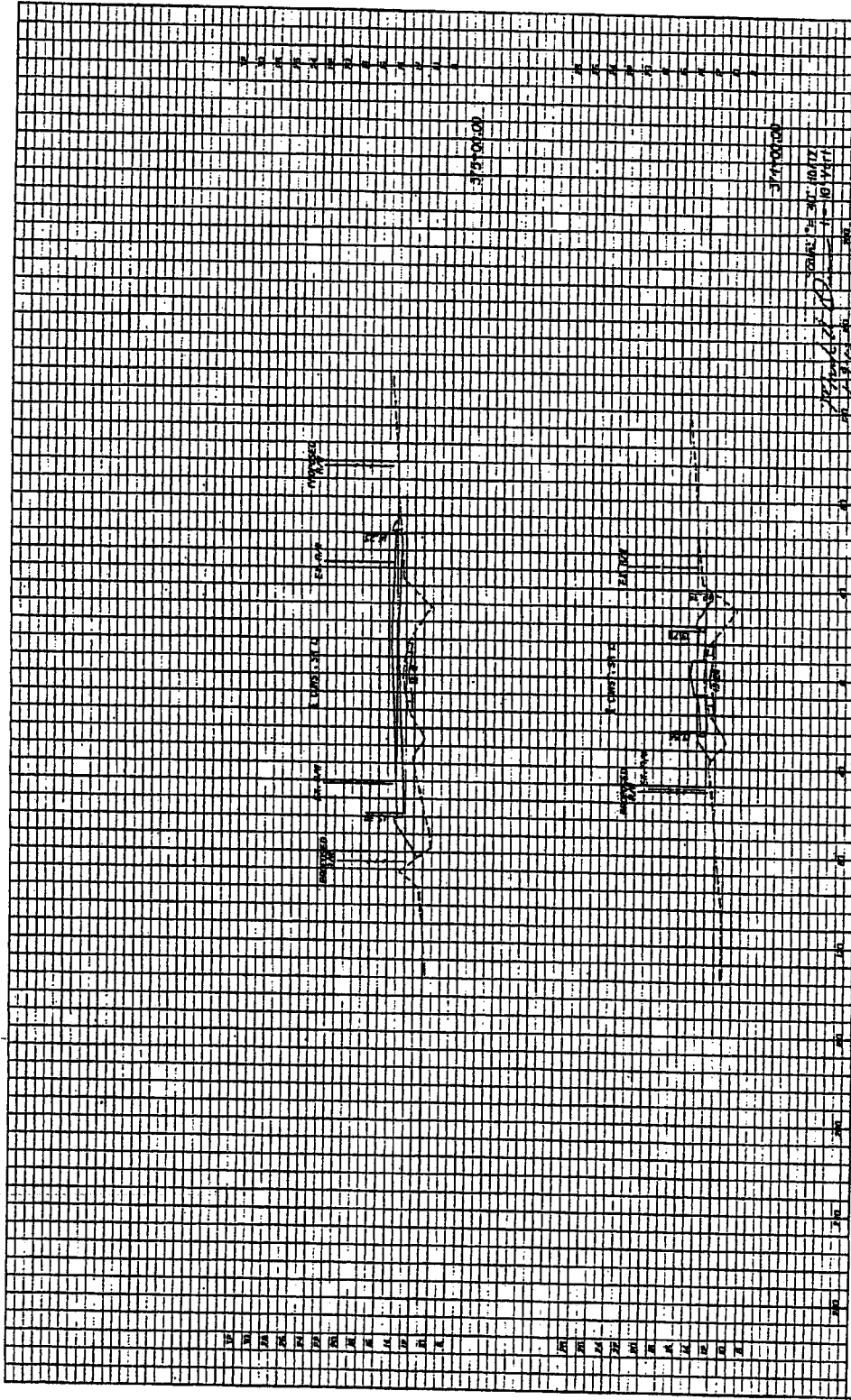
SECTION 2

SECTION 1

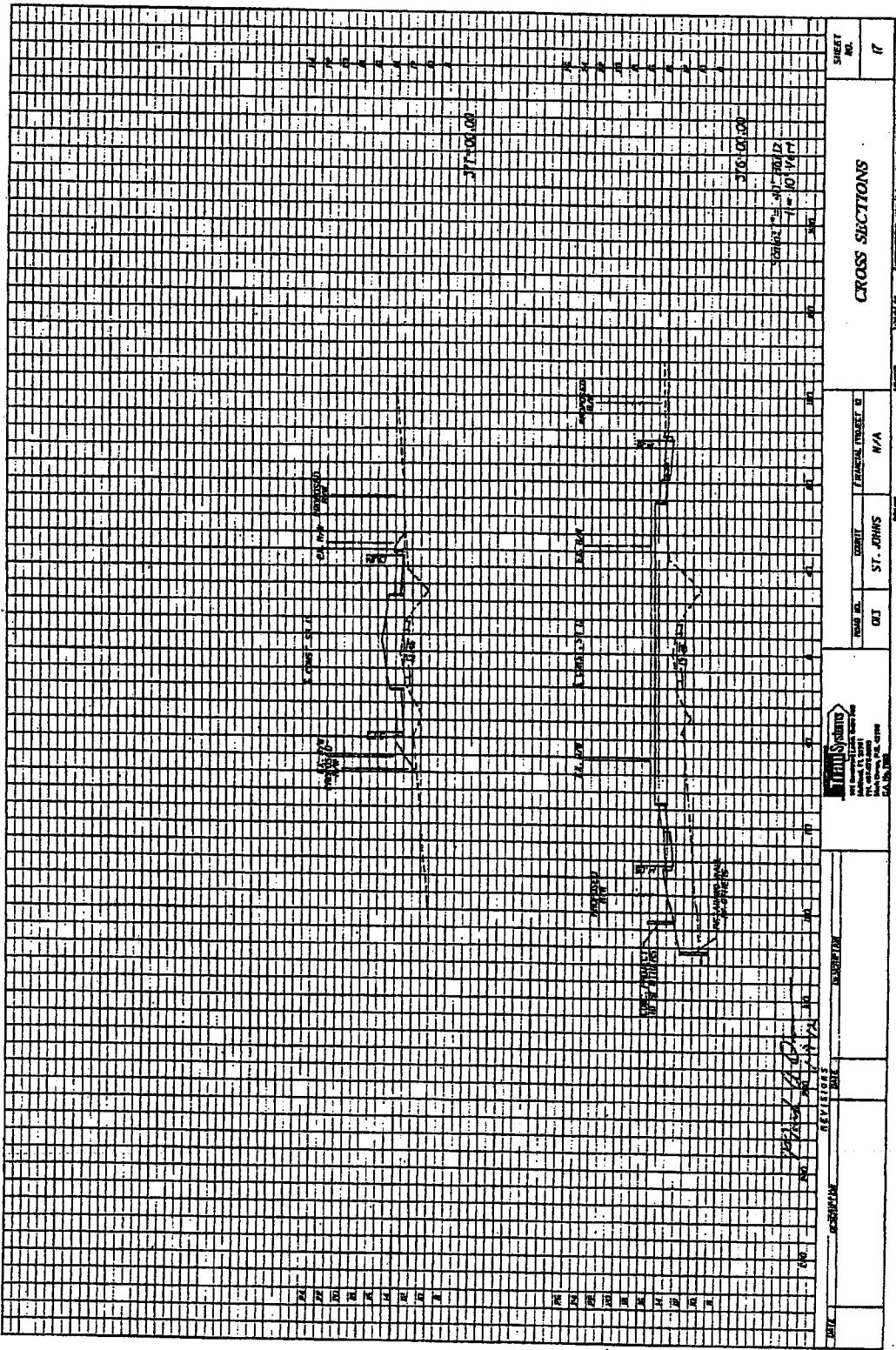
SECTION 2



DATE		REVISIONS		DESCRIPTION				SHEET NO. 15
GROUP NO.	DATE	BRANCH PROJECT NO.	ST. DIMS		R/A		CROSS SECTIONS	
013								



SHEET NO. 16	
CROSS SECTIONS	
DESIGN NO. 013	DESIGNER ST. JARVIS
DATE 1/1/77	PROJECT GENERAL STREET 2
	LOCATION N/A
REVISIONS	DESCRIPTION



SHEET NO. 17

CROSS SECTIONS

ROAD NO. 023
 COUNTY ST. JAMES
 FINANCIAL DISTRICT N/A

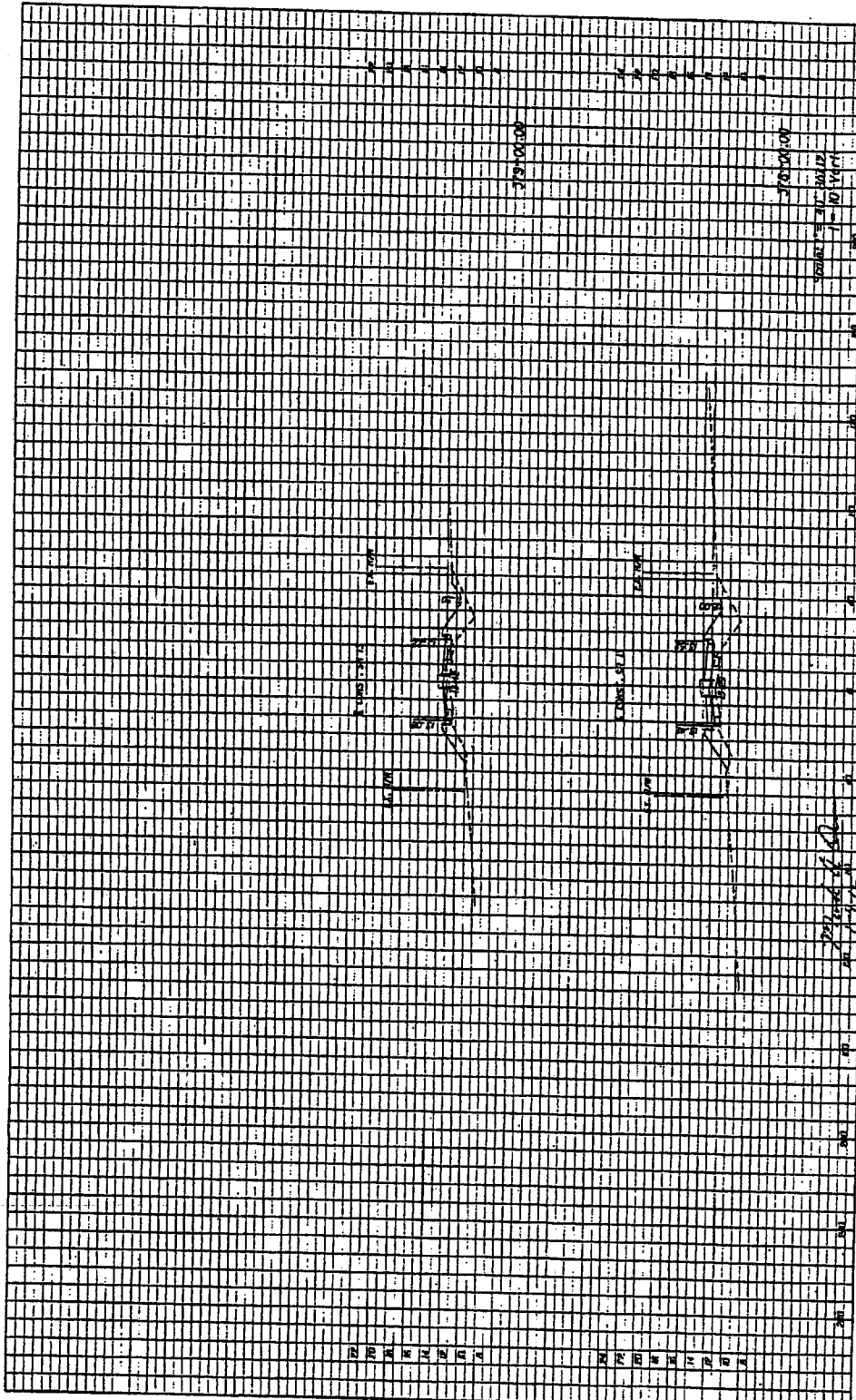
TECHNICAL SYSTEMS
 1000 W. 10th Street
 St. James, MO 64501
 (816) 221-1111

DESCRIPTION

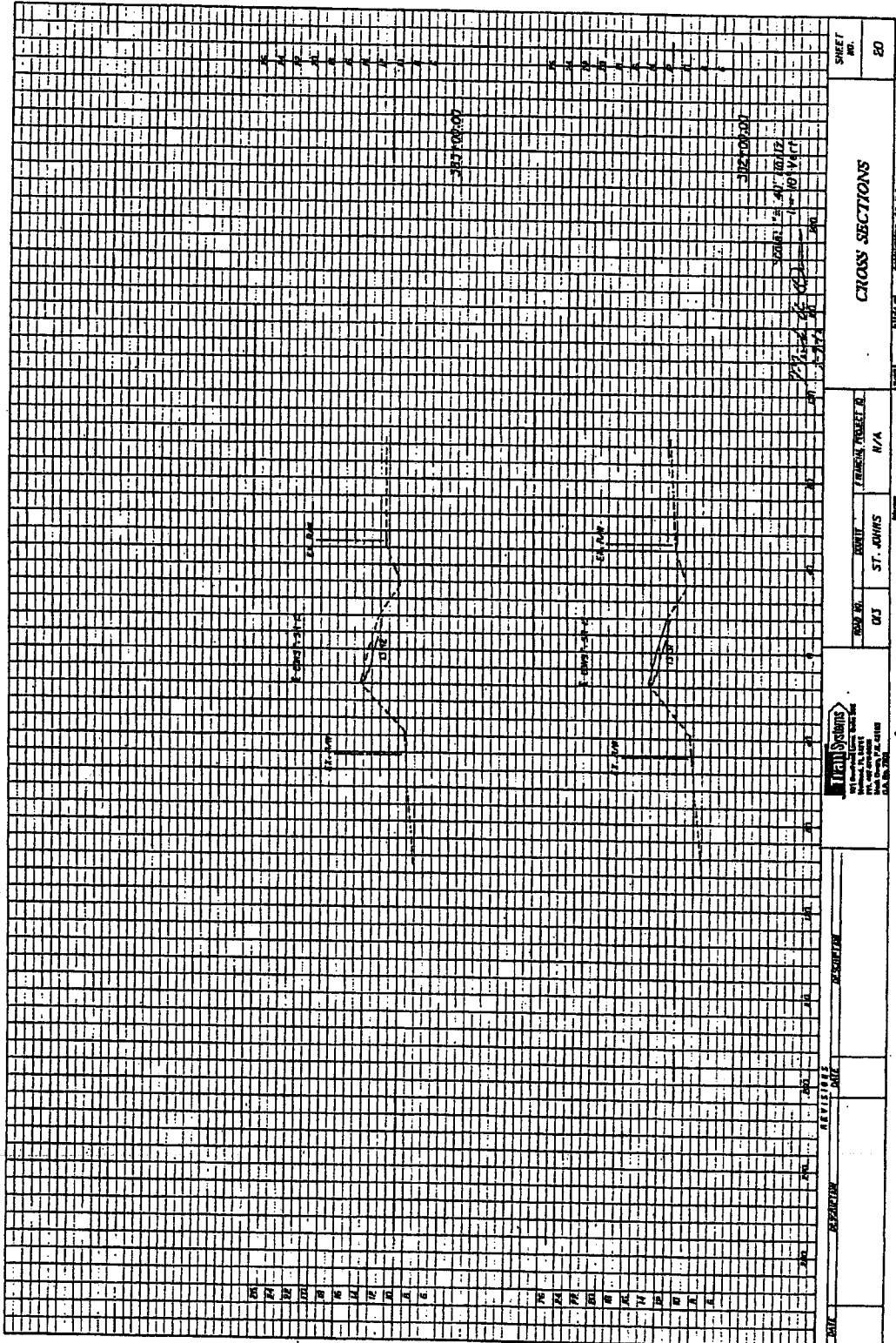
REVISIONS

DATE

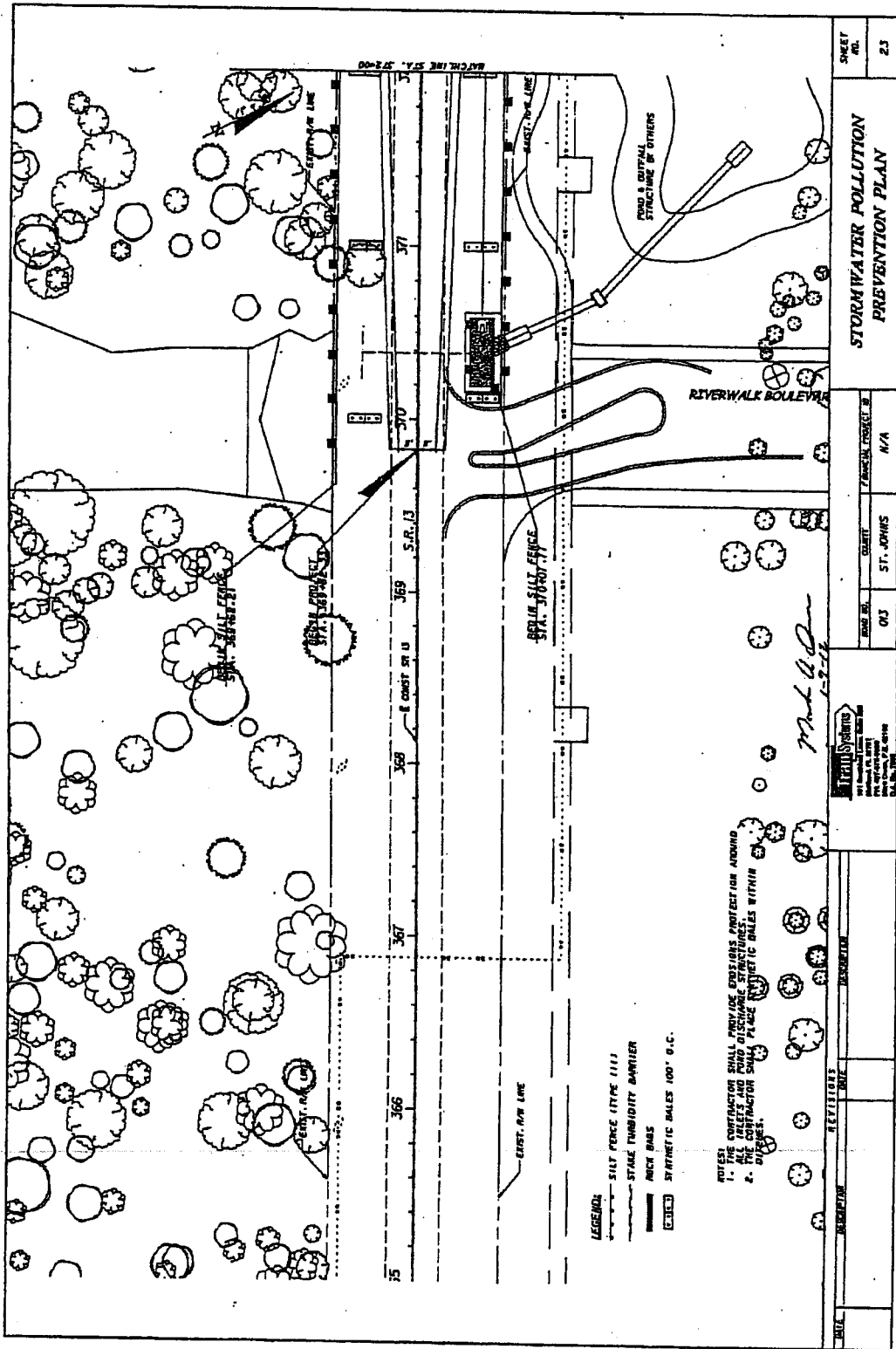
DATE PLOTTED: 11/14/17
 SCALE: 1" = 10'

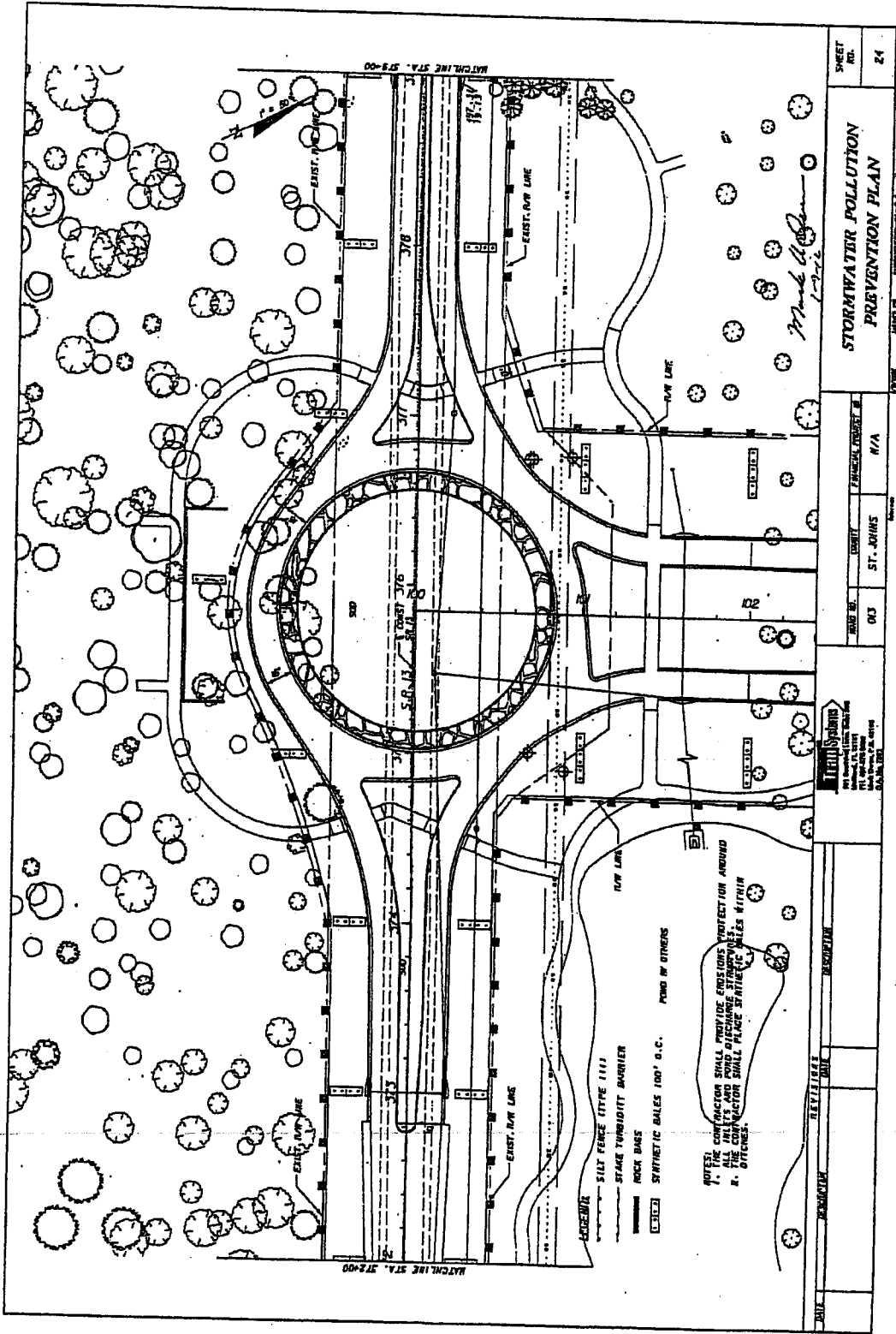


SHEET NO.		18	
CROSS SECTIONS			
DATE	PROJECT	PROJECT NUMBER	REVISION
013	ST. ARMS	N/A	
DATE	DESCRIPTION		
DATE	REVISIONS		



SHEET NO. 80	
CROSS SECTIONS	
PROJECT NO. 03	PROJECT ST. JOHNS
DRAWN BY: J. J. JOHNS	
CHECKED BY: J. J. JOHNS	
DATE: 10/13/13	
SCALE: 1" = 10' VERT	



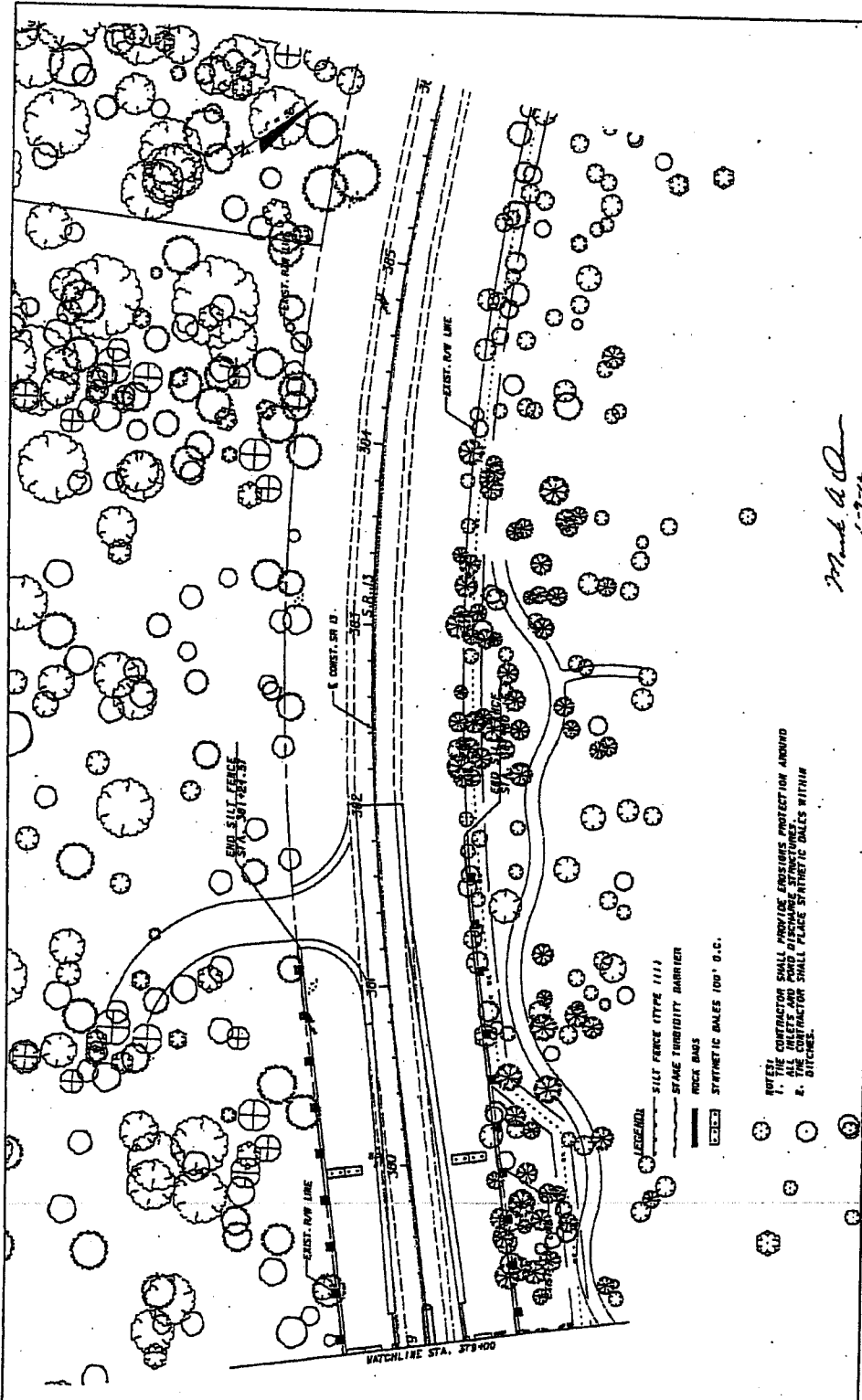


NOTES:
 1. THE CONTRACTOR SHALL PROVIDE EROSIONS PROTECTION AROUND THE POND AT ALL TIMES.
 2. THE CONTRACTOR SHALL PLACE SYNTHETIC BALES WITHIN 2' DISTANCES.

- SILT FENCE (TYPE 1111)
- STRAW TURBIDITY BARRIER
- ROCK BASE
- SYNTHETIC BALES 100' O.C. POND OR OTHERS

Legend 1111 SILT FENCE STRAW TURBIDITY BARRIER ROCK BASE SYNTHETIC BALES 100' O.C. POND OR OTHERS		PROJECT NO. 013 CONTRACTOR ST. JOHNS DATE 11/14	SHEET NO. 24
REVISIONS NO. 1 DATE 11/14 BY [Signature]		PROJECT NO. 013 CONTRACTOR ST. JOHNS DATE 11/14	SHEET NO. 24

STORMWATER POLLUTION PREVENTION PLAN



NOTES:
 1. THE CONTRACTOR SHALL PROVIDE EROSION PROTECTION AROUND THE EXISTING AND NEW DRAINAGE STRUCTURES.
 2. THE CONTRACTOR SHALL PLACE SYNTHETIC BALES WITHIN DITCHES.

Mark A. O...
 1-9-12

SHEET NO. P5	
STORMWATER POLLUTION PREVENTION PLAN	
DATE: 03	DESIGNER: ST. JOHNS
PROJECT: CARRISAL CREEK II	SCALE: N/A
REVISIONS DATE DESCRIPTION APPROVED BY	

GENERAL NOTES

1. ALL LEAD-IN NOT SHOWN PER RISES 000, 003 AND AS SHOWN IN TRAFFIC CONTROL PLANS.

STAGE 1A CONSTRUCTION

SET UP APPROPRIATE TRAFFIC CONTROL DEVICES. MAINTAIN TRAFFIC ON EXISTING PAVEMENT. SHUNT TRAFFIC AND BICYCLE TRAFFIC TO EITHER SIDEWALK, TRAIL, CONSTRUCTION AREA OR TEMPORARILY MAINTAINED EXISTING CONDITIONS. CONSTRUCTION AREAS SHALL INCLUDE APPLICATION OF TEMPORARY PAVEMENT AS INDICATED IN STAGE 1A PLANS.

STAGE 1B CONSTRUCTION

SHUT DOWN TRAFFIC TRAFFIC TO MULTIPLE TRAIL AND ROUTE THROUGH EXISTING PAVEMENT. SHUNT TRAFFIC TO TEMPORARILY MAINTAINED EXISTING PAVEMENT IN STAGE 1A CONSTRUCTION AREA. MAINTAIN TRAFFIC ON EXISTING PAVEMENT AS INDICATED IN STAGE 1B PLANS.

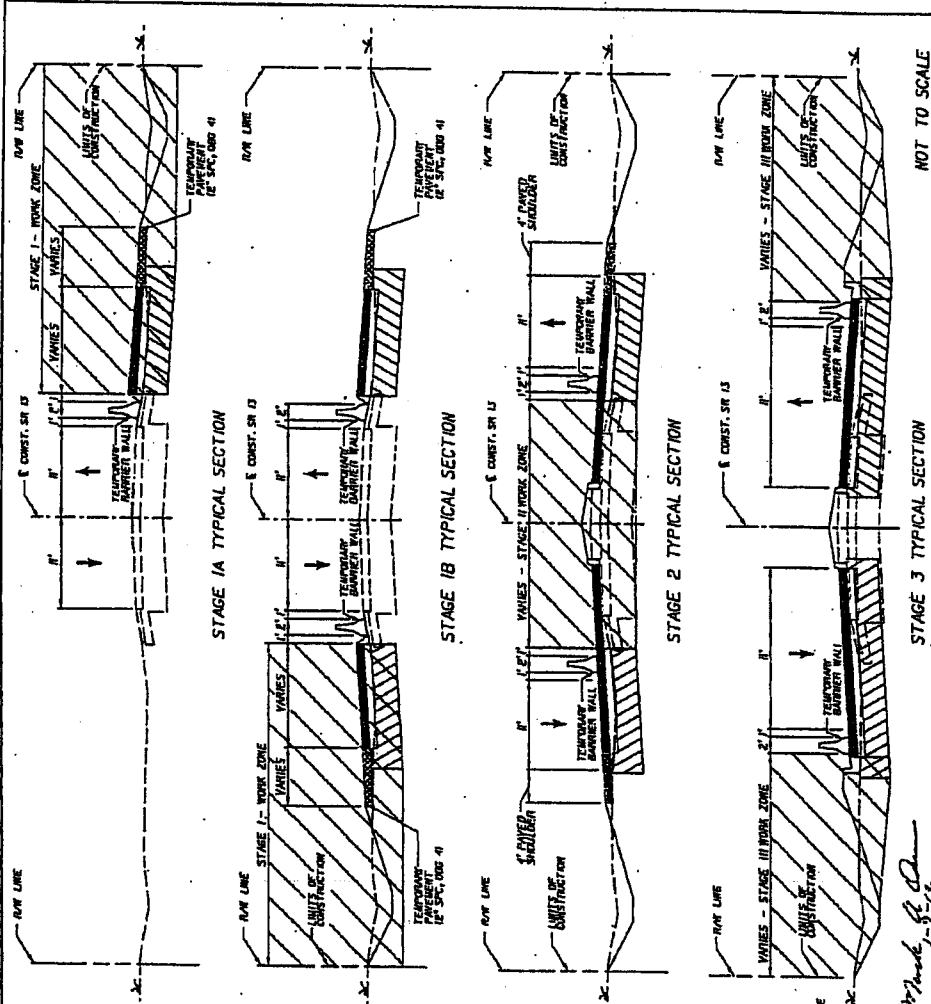
STAGE 2 CONSTRUCTION

SET UP TRAFFIC CONTROL DEVICES. SHUNT TRAFFIC TO STAGE 1A CONSTRUCTION AREA. MAINTAIN TRAFFIC ON EXISTING PAVEMENT AS INDICATED IN STAGE 2 PLANS.

STAGE 3 CONSTRUCTION

SET UP TRAFFIC CONTROL DEVICES. SHUNT TRAFFIC TO STAGE 1B CONSTRUCTION AREA. MAINTAIN TRAFFIC ON EXISTING PAVEMENT AS INDICATED IN STAGE 3 PLANS.

- TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- TEMPORARY PAVEMENT TO BE PLACED IN CONCRETE PHASE
- Work Area
- TRAFFIC FLOW



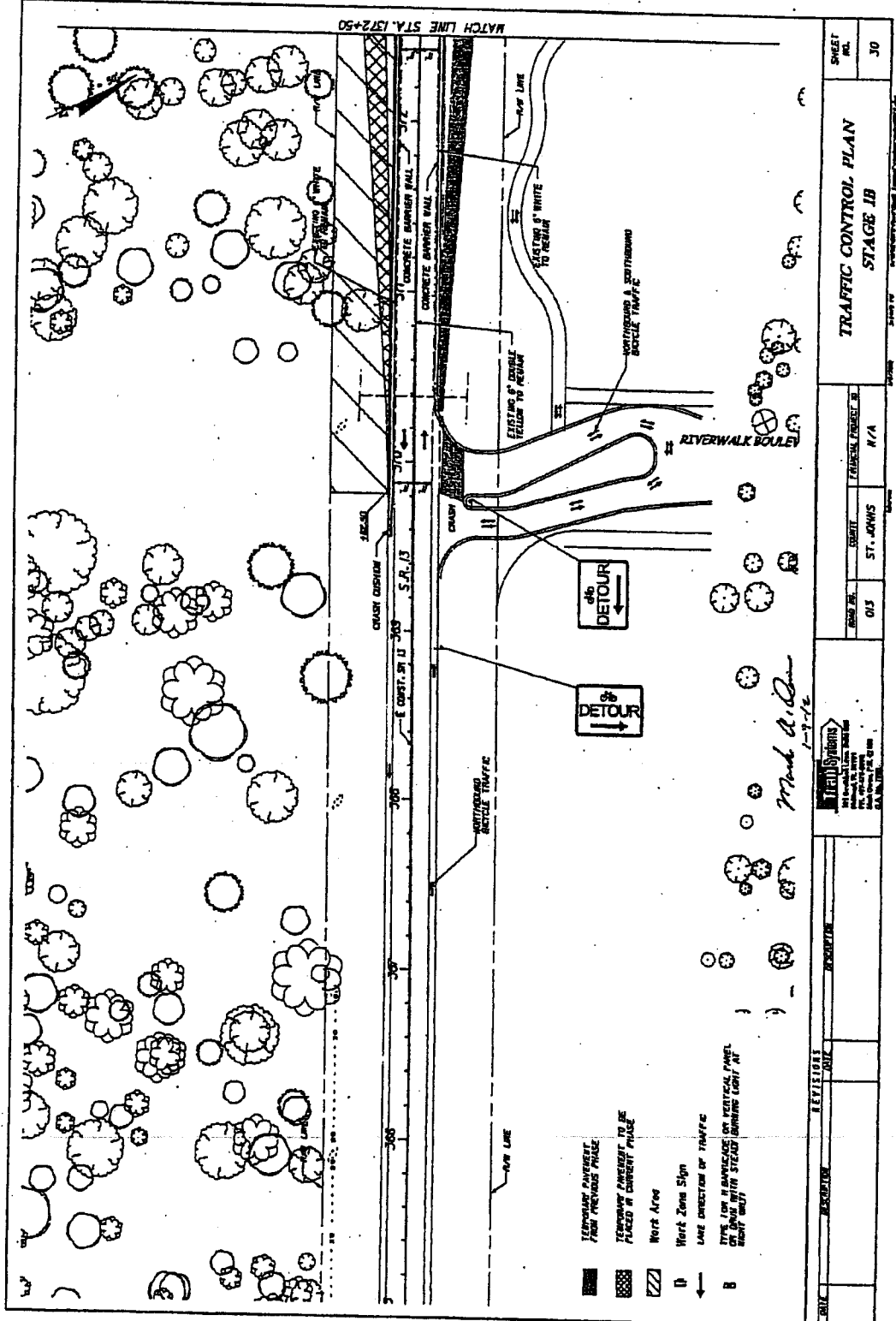
NOT TO SCALE

DATE	REVISION	DATE	REVISION	DATE	REVISION

Mark G. C.

Trail Systems
 3110 South Main Street, Suite 200
 Portland, OR 97201
 Phone: 503.255.1111
 Fax: 503.255.1111
 www.trailsystems.com

SHEET NO.	25	PROJECT	N/A	DATE	N/A
TRAFFIC CONTROL PLAN					
TYPICAL SECTIONS					



MATCH LINE STA. 1372+50

CONCRETE BARRIER WALL

CONCRETE BARRIER WALL

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CRACKY ASPHALT

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- TERMINAL PAVEMENT FROM PREVIOUS PHASE
- TERMINAL PAVEMENT TO BE PLACED IN CURRENT PHASE
- Work Area
- Work Zone Sign
- LANE DIRECTION OF TRAFFIC
- TYPE FOR H BANKSIDE OR VERTICAL PANEL OR SIGN WITH STEADY BURNING LIGHT AT NIGHT ONLY

4th DETOUR

DETOUR

DETOUR

DETOUR

DETOUR

DETOUR

DETOUR

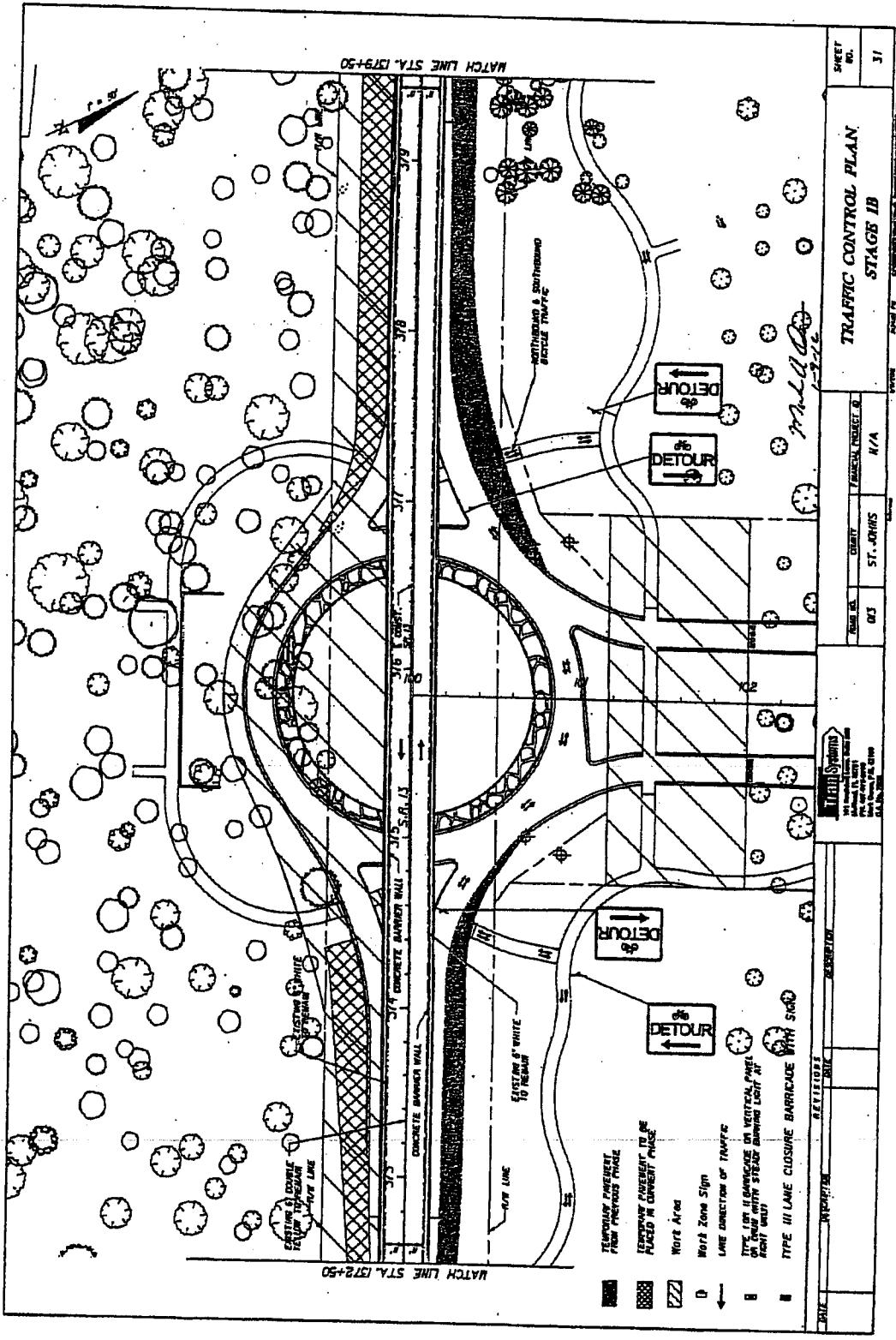
DETOUR

DETOUR

DETOUR

Mark A. De...

TRAFFIC CONTROL PLAN		SHEET NO.	30
STAGE 1B		DATE	11/12
DESIGNED BY	ST. JAMES	DATE	11/12
CHECKED BY	ST. JAMES	DATE	11/12
APPROVED BY	ST. JAMES	DATE	11/12
REVISIONS	DESCRIPTION	DATE	



MATCH LINE STA. 1378+50

MATCH LINE STA. 1372+50

- TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- TEMPORARY PAVEMENT TO BE PLACED IN CURRENT PHASE
- Work Area
- Work Zone Sign
- LINE DIRECTION OF TRAFFIC
- TYPE I OR II BARRICADE ON VERTICAL CURVE OR CURVE WITH STEADY BARRIAGE LIGHT AT FRONT END
- TYPE III LANE CLOSURE BARRICADE WITH SIGN

DETOUR

DETOUR

DETOUR

M. J. [Signature]

SHEET NO. 31

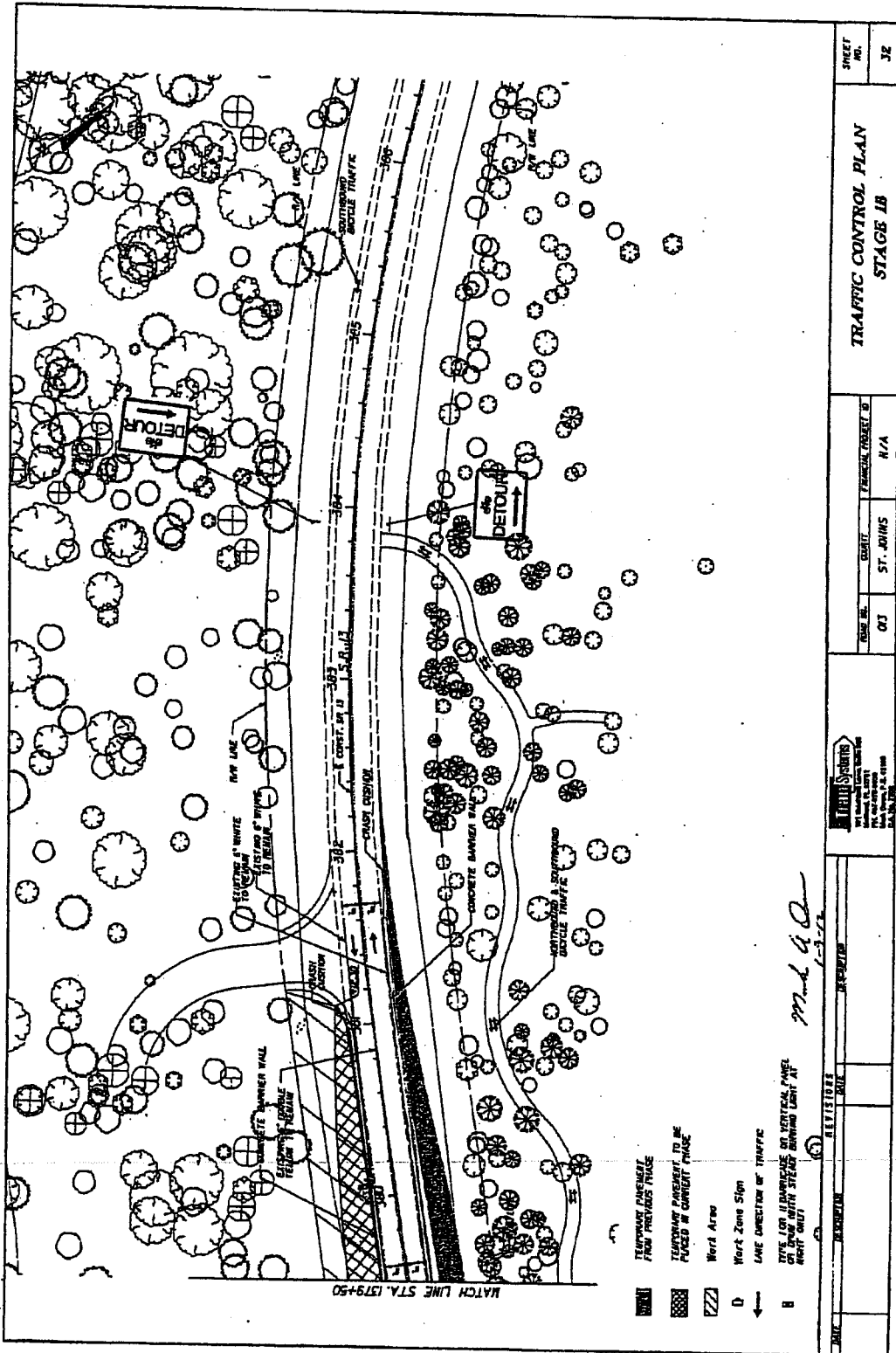
TRAFFIC CONTROL PLAN
STAGE 1B

DATE	02.1	ST. ARCHES	N/A
DESIGN	FINISH PROJECT ID		

TRAFFIC CONTROL PLAN
STAGE 1B

TRAFFIC CONTROL PLAN
STAGE 1B

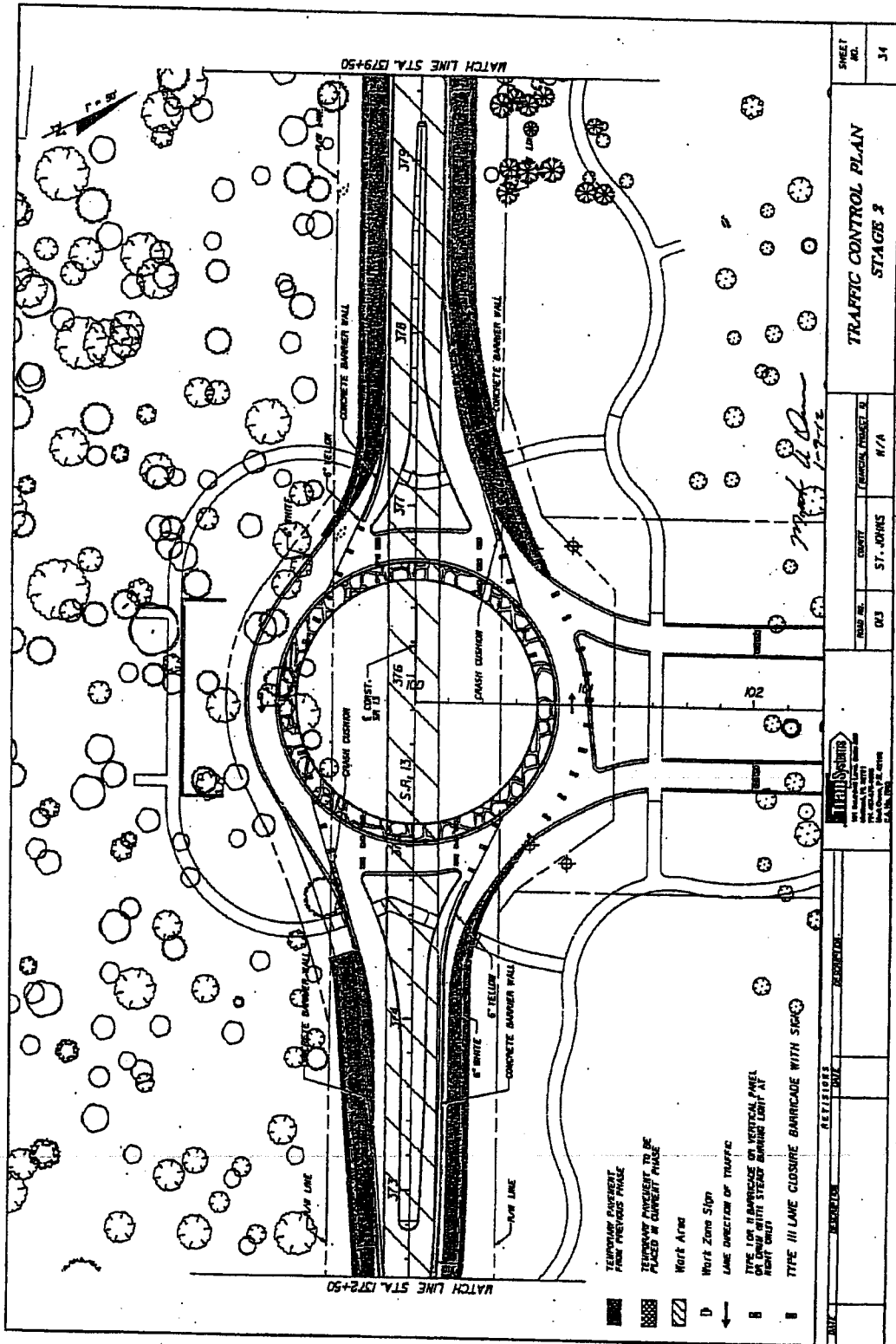
TRAFFIC CONTROL PLAN
STAGE 1B



DATE		REVISION	BY	REVISION	DATE
1000 W. 10th Street, Suite 100 Lincoln, NE 68502 Phone: (402) 441-1111 Fax: (402) 441-1112 Website: www.terra-significance.com					
ROAD NO.	003	CRSRT	ST. JOHNS	PROJECT SHEET ID	N/A
TRAFFIC CONTROL PLAN					SHEET NO.
STAGE 1B					32

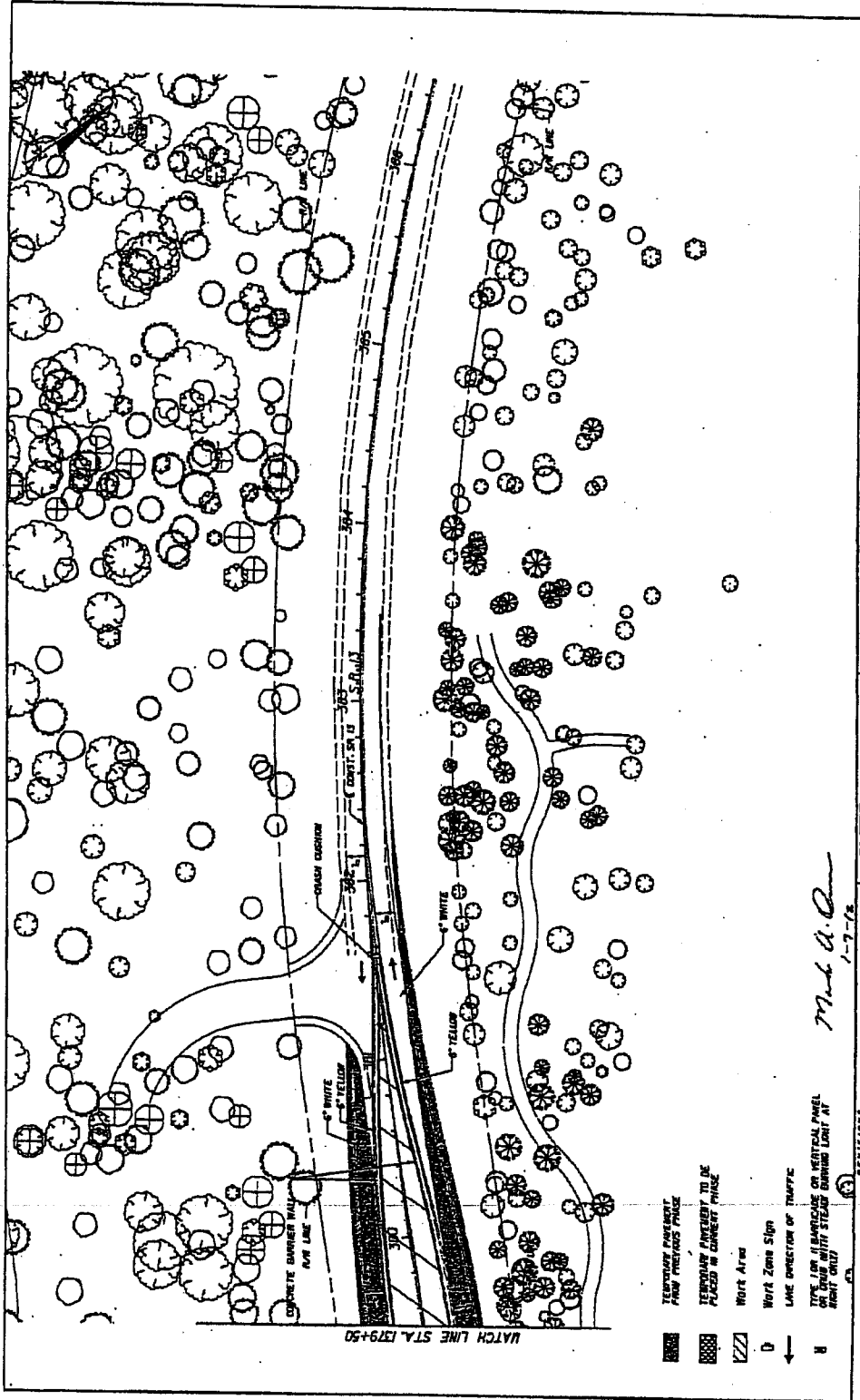
M. J. O.
1-3-21

- TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- TEMPORARY PAVEMENT TO BE PLACED IN CURRENT PHASE
- Work Area
- Work Zone Sign
- Lane Direction of Traffic
- Type 100 Barricade as Vertical Panel or Beam with Stepped Bounding Light at Night Only



- TEMPORARY BARRICADE FROM PREVIOUS PHASE
- TEMPORARY SIGN TO BE PLACED IN CURRENT PHASE
- Work Area
- Work Zone Sign
- LANE DIRECTION OF TRAFFIC
- TYPE III BARRICADE OR VERTICAL PANEL ON END OF THE STRESS BARING LIGHT AT FRONT ONLY
- TYPE III LANE CLOSURE BARRICADE WITH SIGN

TRAFFIC CONTROL PLAN		SHEET NO.	34
STAGE 3		PROJECT NO.	1379
ST. JOHNS		CONTRACTOR	H/A
TRAFFIC CONTROL PLAN		DATE	1-1-78
TRAFFIC CONTROL PLAN		DESIGNED BY	ST. JOHNS
TRAFFIC CONTROL PLAN		CHECKED BY	H/A
TRAFFIC CONTROL PLAN		APPROVED BY	H/A
TRAFFIC CONTROL PLAN		DATE	1-1-78



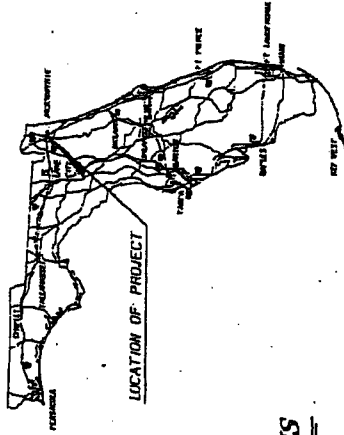
- TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- TEMPORARY PAVEMENT TO BE PLACED IN CURRENT PHASE
- Work Area
- Work Zone Sign
- LANE DIRECTION OF TRAFFIC
- TYPE, FOR IF BARRELS OR PORTALS ARE TO BE USED WITH STEADY BARRING LANE AT RIGHT (ONLY)

M. A. O.
1-7-78

NO.	REVISION	DATE	BY	CHKD. BY	APPROVED BY	DATE
						SHEET NO. 35
TRAFFIC CONTROL PLAN STAGE 3						PROJECT NO. DRAWING NO. DATE
NO.	DATE	BY	CHKD. BY	APPROVED BY	DATE	
03		ST. JONES		N/A		

CONTRACT PLANS

ST. JOHNS COUNTY (78070)
STATE ROAD NO. 13



SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO. SHEET DESCRIPTION
1-2 SIGNING AND PAVEMENT MARKING PLANS
1-2 BRIDGE SIGNS

PLANS PREPARED BY
THOMAS L. DORR
REGISTERED PROFESSIONAL ENGINEER
NO. 10,000
EXPIRES 12/31/80

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED BY REVISIONS.

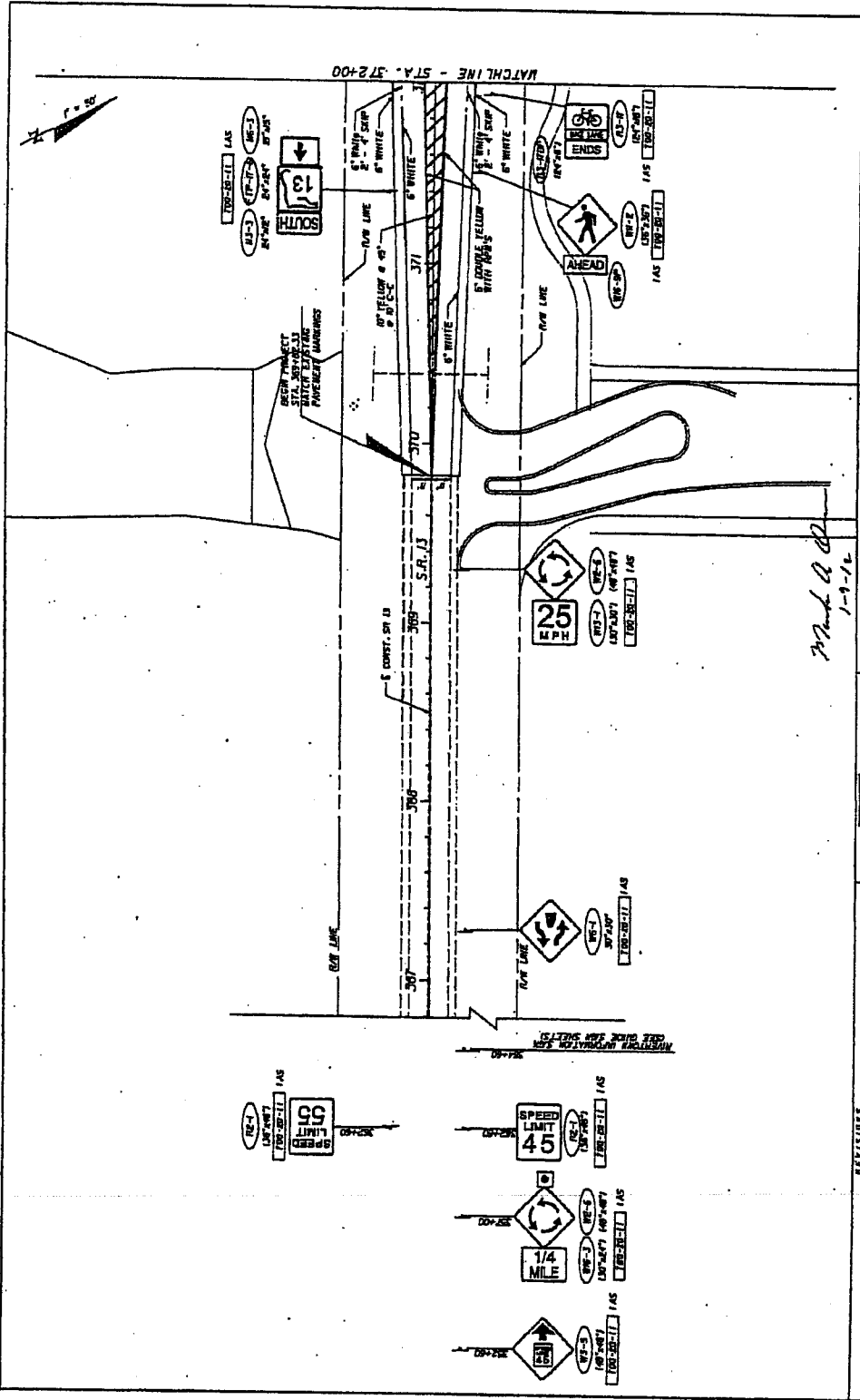
SET SHEET REVISIONS
DATE BY DESCRIPTION

MADE BY PLANS
CHECKED BY RETURN
DATE: 1-9-72
P.E. NO. 10000

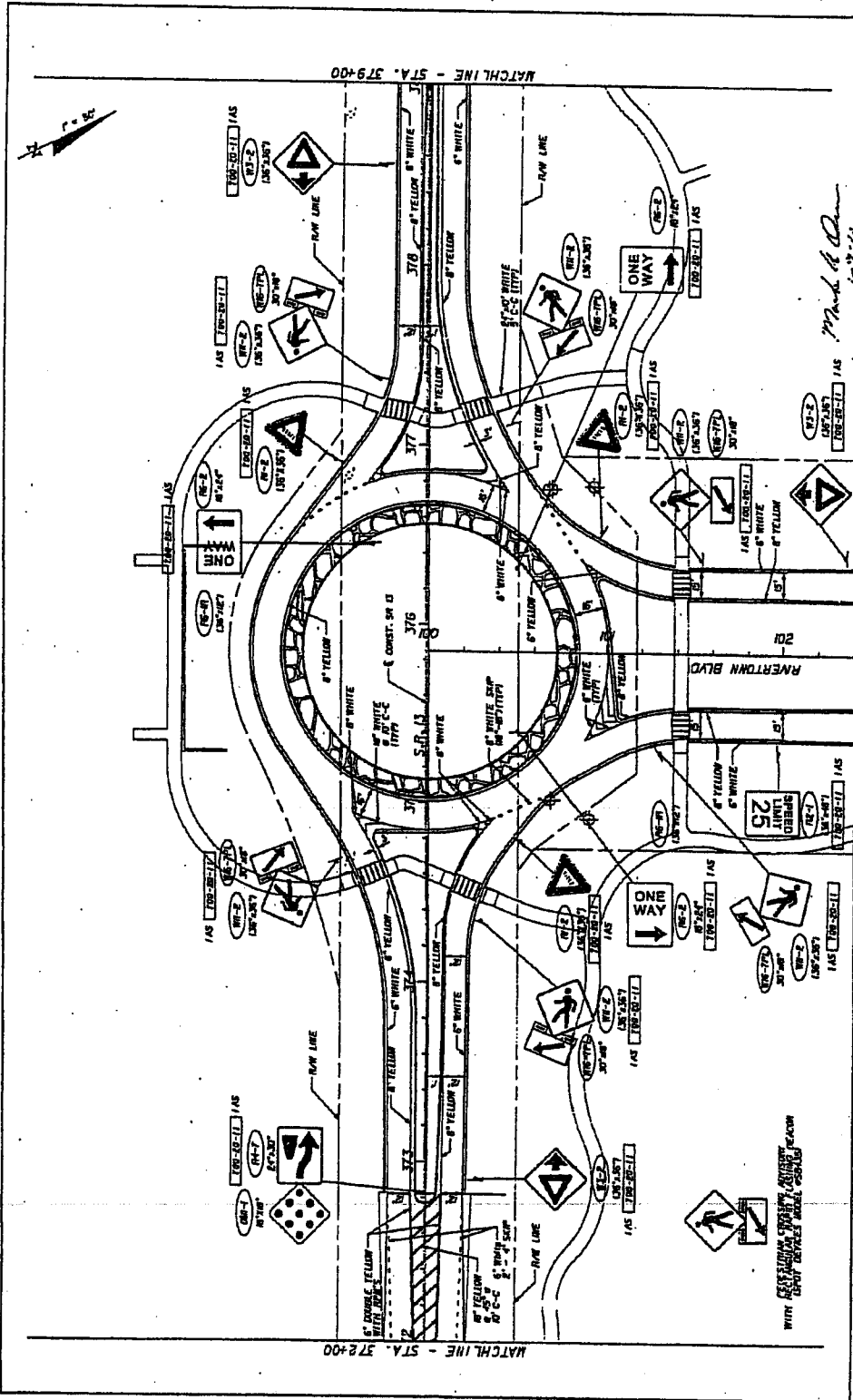
FISCAL YEAR	SHEET NO.
12	5-1

PROJECT MANAGER: CONNOR & WALKER

DATE: 1-9-72



SHEET NO. 5-2	
SIGNING AND PAVEMENT MARKING PLAN	
DATE: 03	DESIGNER: ST. JOHNS
PROJECT: N/A	REVISIONS:
DATE: 1-9-12	DESIGNER: ST. JOHNS



SIGNING AND PAVEMENT MARKING PLAN		SHEET NO. 5-3
PROJECT: ST. JOHNS	FRIGIDAL PROJECT B	N/A
ROAD NO. 013	ST. JOHNS	N/A
TRANSPO TRANSPORTATION DEPARTMENT 1000 W. 10TH ST. DENVER, CO 80202		
DATE: 10/20/11	REVISIONS:	
DESIGNER:	DATE:	

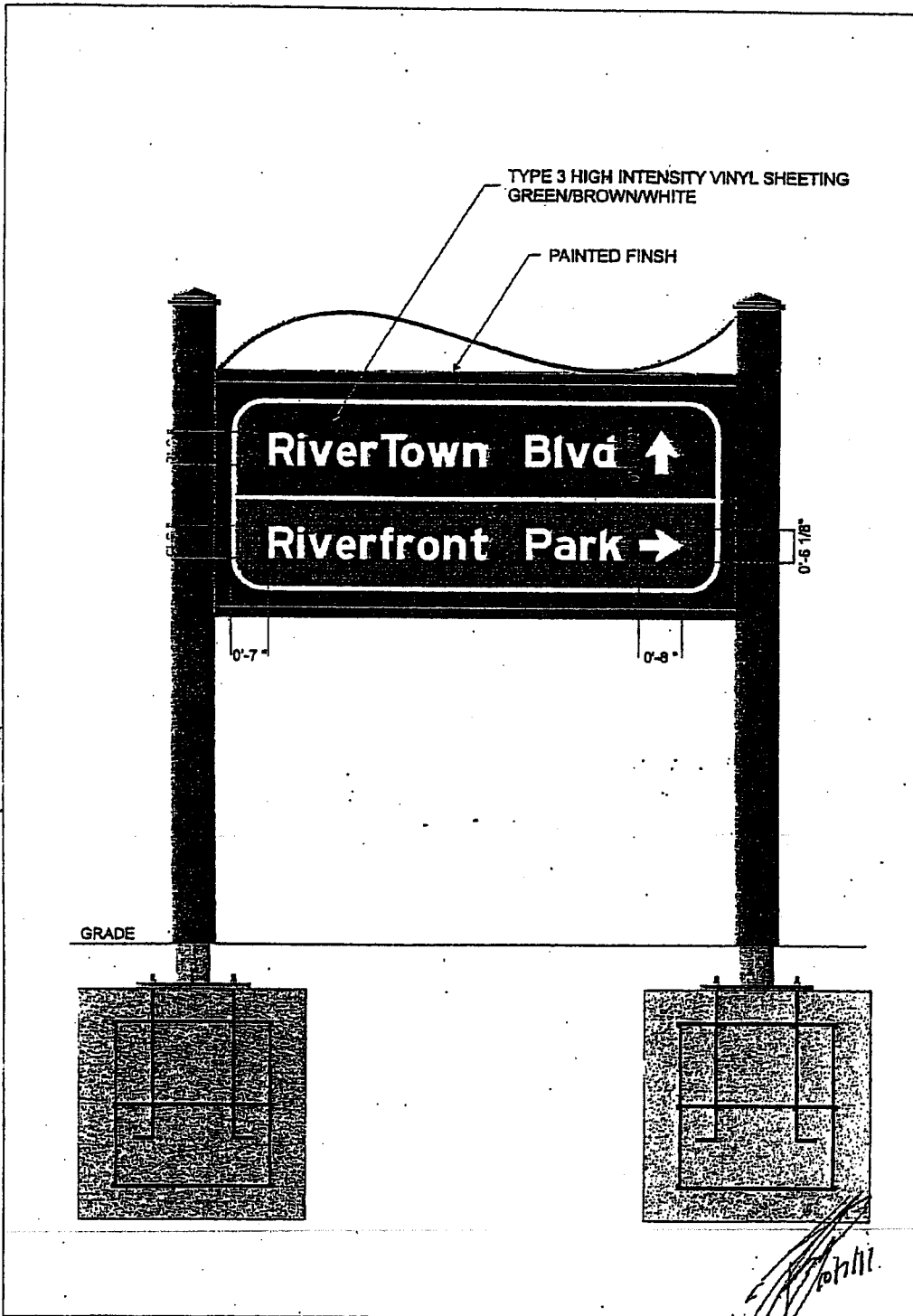
Marked to Plan

MATCHLINE - STA. 379+00

MATCHLINE - STA. 372+00



WITH EXISTING SURVEY AND UTILITY RECORDS



<p>This drawing was created by Systems 23, Inc. The drawings, materials and quantities are owned by Systems 23, Inc. The drawings cannot be reproduced in whole or in part without the written consent of Systems 23, Inc.</p> <p>Systems 23 P.O. Box 1204 Maitland, FL Tel. 321-437-4622 Fax. 321-437-4673</p>	<p>Site name and address</p> <p>RIVER TOWN</p>	<p>Project name and address</p> <p>ROUNDBABOUT GUIDE SIGN</p>	
		<p>Project #</p>	<p>Sheet</p> <p>1 of 2</p>
		<p>Scale</p> <p>3/4" = 1'</p>	<p>Author</p>
		<p>Date</p> <p>9-22-11</p>	<p>Drawn by</p> <p>T.E.Z.</p>

elm
ERVIN
LOVETT
MILLER

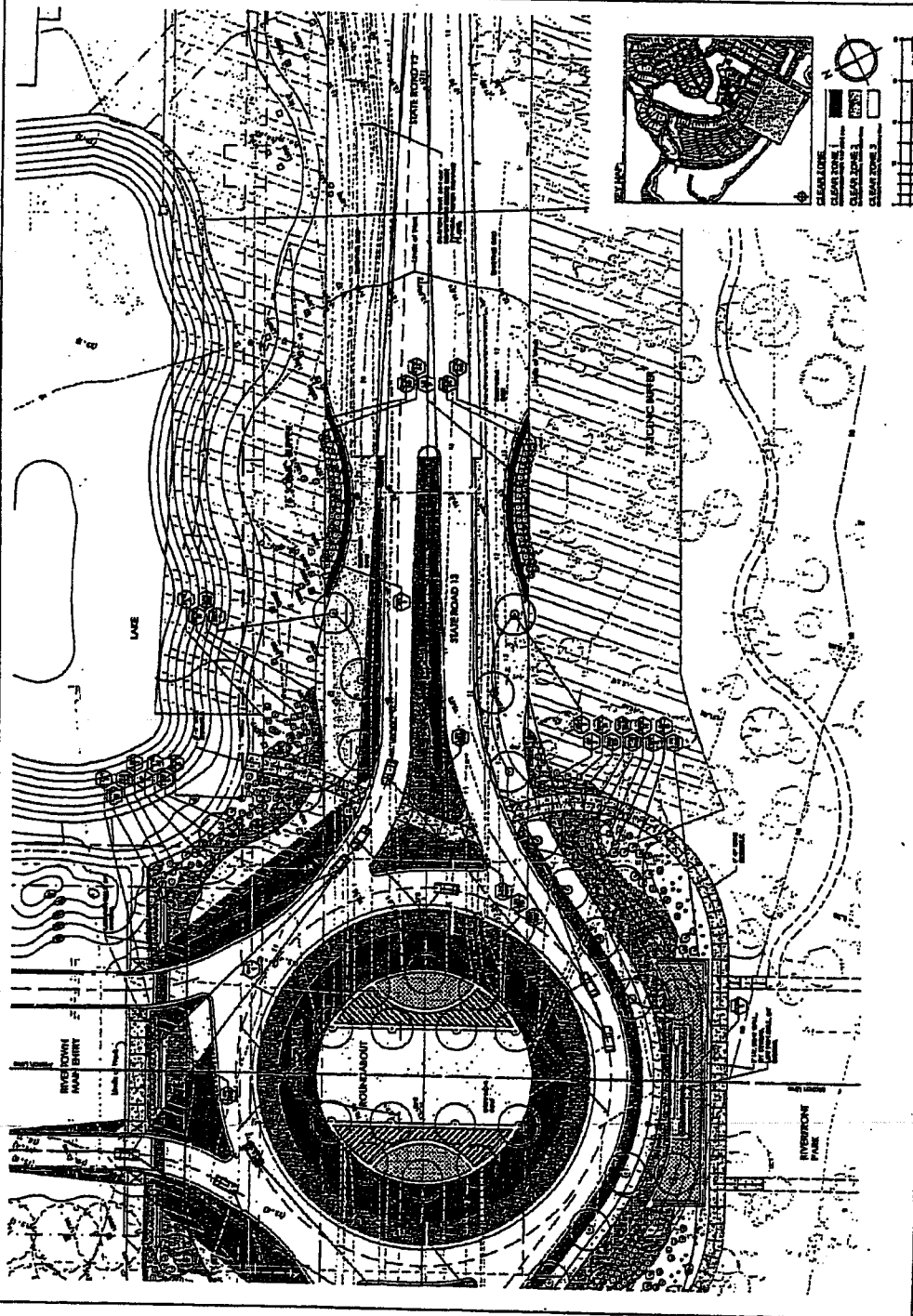
PROJECT NO. 15-00000000
DATE: 10/15/15
SCALE: AS SHOWN

DESIGNED BY: [Signature]
CHECKED BY: [Signature]

RIVERTOWN
22, 23rd County, Indiana
Zoning Ordinance 18 Amendments and Entry Plan

NO.	DESCRIPTION	DATE
1	PRELIMINARY PLAN	10/15/15
2	FINAL PLAN	10/15/15

PROJECT NO. 15-00000000
DATE: 10/15/15





ERVIN
LOVETT
MILLER

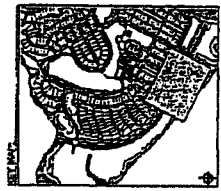
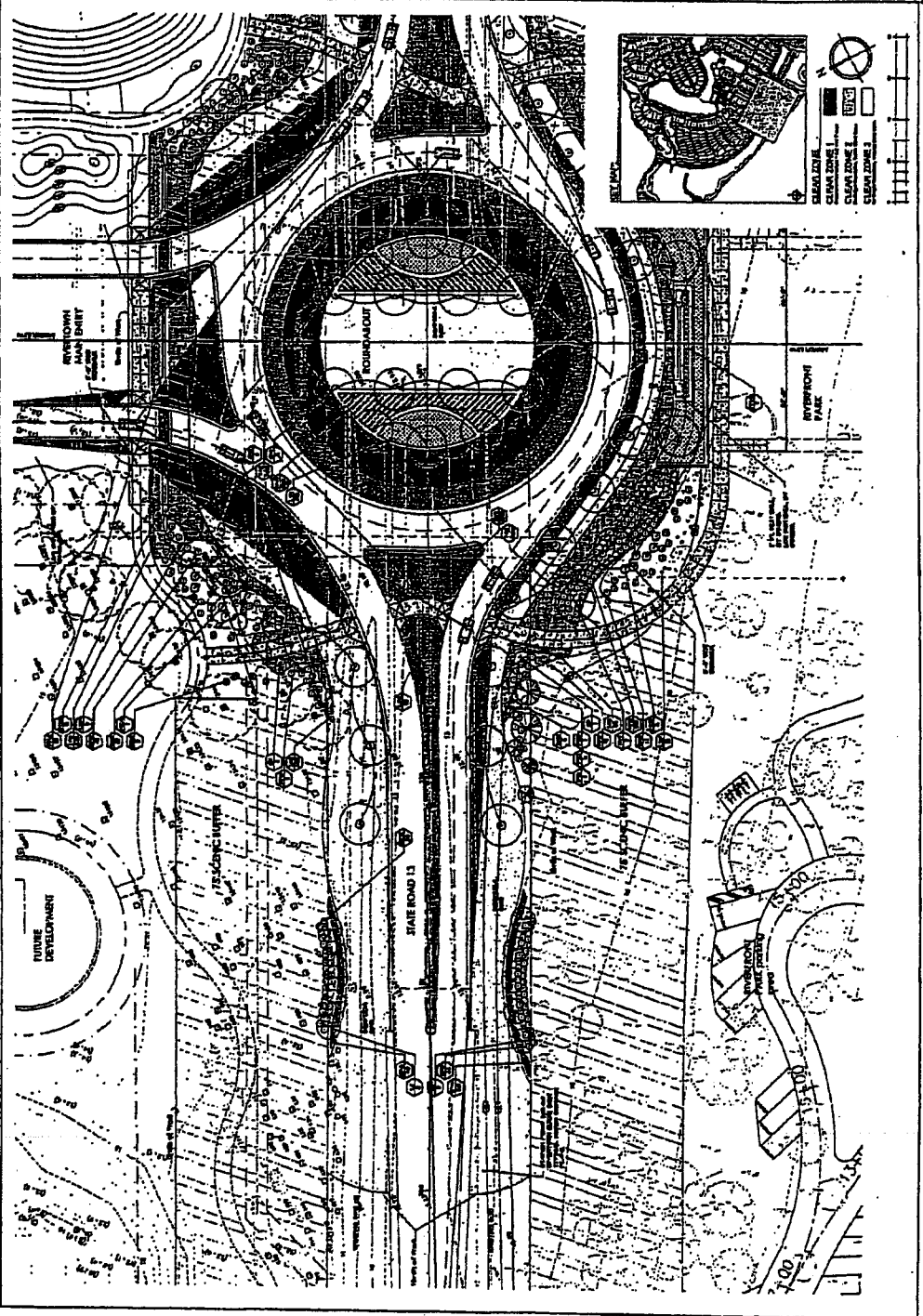
DATE: 11/15/11
PROJECT: RIVERTOWN
DRAWN BY: [Signature]

RIVERTOWN
St. John County, North Carolina
Site Plan

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	11/15/11	[Signature]
2	REVISED		
3	REVISED		
4	REVISED		
5	REVISED		
6	REVISED		
7	REVISED		
8	REVISED		
9	REVISED		
10	REVISED		

LANDSCAPE PLAN

LS-2



LEGEND

- PLAZA ZONE
- LANDSCAPE ZONE 1
- LANDSCAPE ZONE 2
- LANDSCAPE ZONE 3

Scale: 1" = 100'

North Arrow

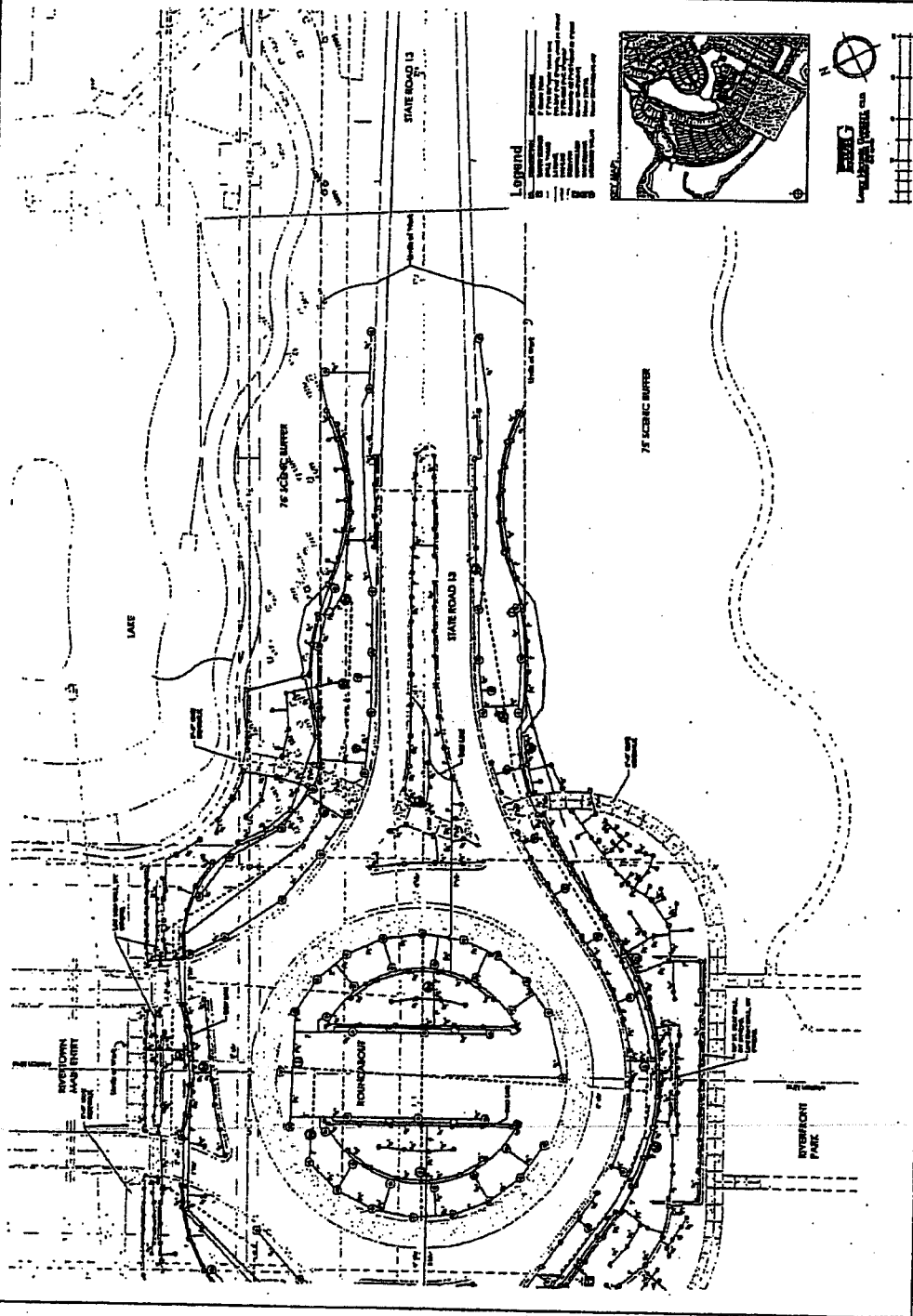
elm
 ERVIN
 LOVETT
 MILLER

DATE: 11/15/11
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT NO. 11-001

RIVERTOWN
 State Road 13 Rehabilitation and Drainage
 St. Johns County, Florida
 DESIGNER: J.C. CHAFFIN

NO.	DESCRIPTION	DATE
1	DESIGN	11/15/11
2	REVISED	11/15/11
3	REVISED	11/15/11
4	REVISED	11/15/11
5	REVISED	11/15/11
6	REVISED	11/15/11
7	REVISED	11/15/11
8	REVISED	11/15/11
9	REVISED	11/15/11
10	REVISED	11/15/11

DATE PLOTTED: 11/15/11
 PLOT BY: [Signature]
 PROJECT NO. 11-001
LS-5



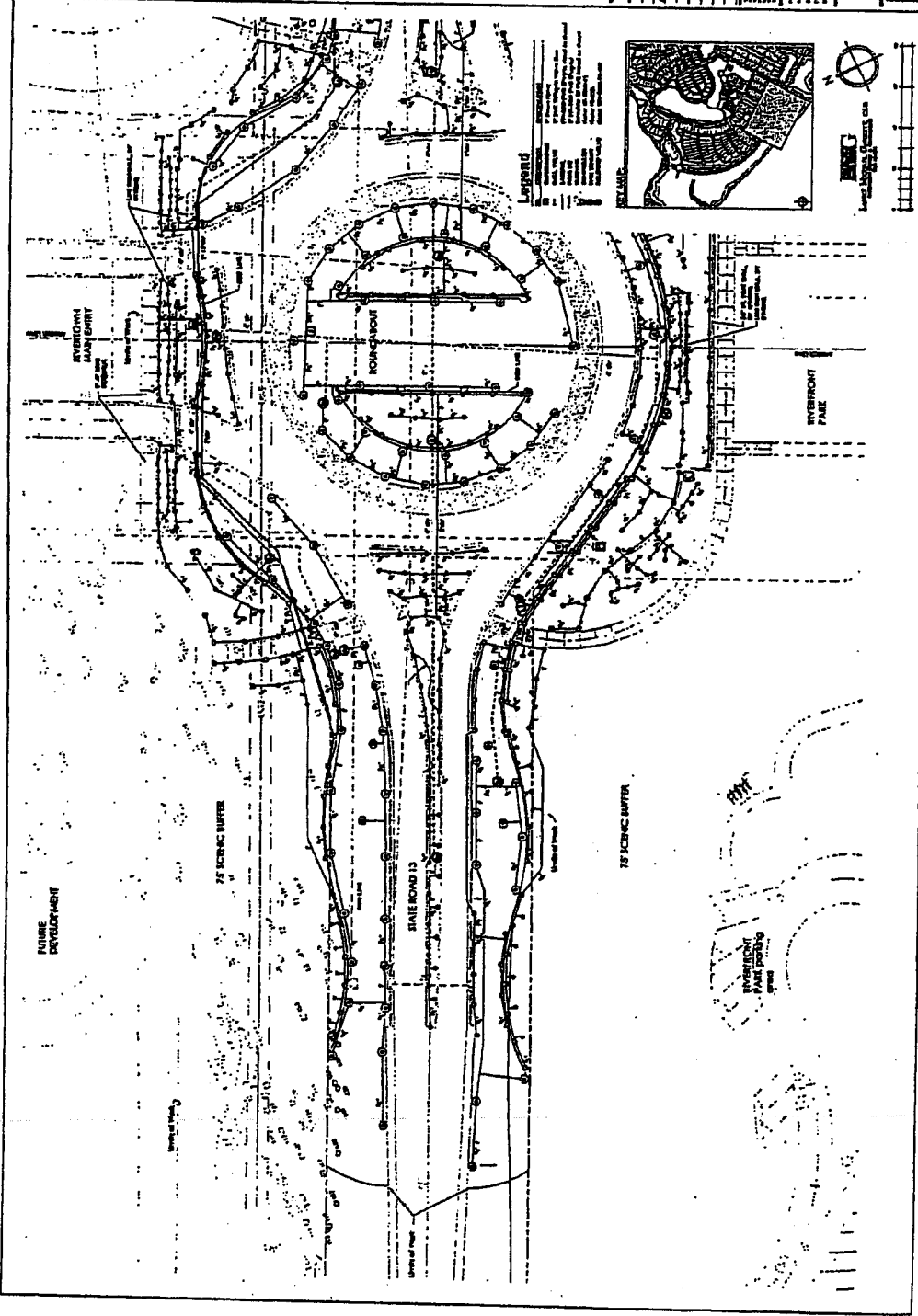
elm
 ERVIN
 LOVETT
 MILLER

20. JOHN COOPER, INCORPORATED
 20. JOHN COOPER, INCORPORATED
 20. JOHN COOPER, INCORPORATED

RIVERTOWN
 State Road 13 Roundabout and Entry Drive

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/15/06
2	REVISED	11/15/06
3	REVISED	11/15/06
4	REVISED	11/15/06
5	REVISED	11/15/06
6	REVISED	11/15/06
7	REVISED	11/15/06
8	REVISED	11/15/06
9	REVISED	11/15/06
10	REVISED	11/15/06

LS-6
 11/15/06



LEGEND
 Tree
 Walkway
 Utility Line
 Easement
 Boundary
 Proposed

Rivertown

This sign has been designed in accordance with the requirements of the 2007 Florida Building Code - Building, Chapter 16, Structural Design, with 2009 Supplement. The following wind load requirements, in accordance with Section 1609 and ASCE 7-05, were employed in the design of the structure:

Basic Wind Speed: 130 MPH (3-Second Gust Wind Speed)

Building Category: I

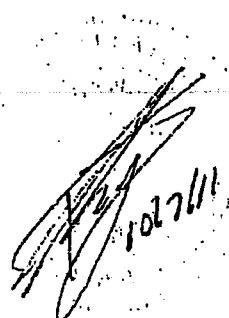
Importance Factor: 0.87

Wind Exposure: B

Internal Pressure Coefficient: +/- 0.00

Design Pressure for Components & Cladding: +/-36.77 PSF

DAVIS & CLEATON ENGINEERING, INC.
260 WEKIVA SPRINGS ROAD, SUITE 1060
LONGWOOD, FL 32779
PHONE #: 407-539-2353 LIC. #35816



Handwritten signature and date: 1/27/11

Design Calculations for Rivertown Roundabout Guide Sign in St. Johns County, Florida for System 21

Project: Rivertown

Preparer: Frank A. Cleaton, Jr.
Davis & Cleaton Engineering, Inc.
260 Wekiva Springs Road, Suite 1060
Longwood, FL 32779
PE #35816

Date: October 7, 2011

Structural Notes:

- 1.) Contractor shall verify all dimensions and conditions on the job site.
- 2.) All structural steel members are to be painted.
- 3.) All structural steel pipe shall conform to ASTM A501, $F_y = 36$ ksi (min.).
- 4.) All structural steel shapes and plates shall conform to ASTM A36, $F_y = 36$ ksi (min.).
- 5.) All connections are to be welded as specified on the drawings.
- 6.) All welding shall conform to AISC specifications and/or local codes and be accomplished by a certified welder using an arc process with E70XX electrodes.
- 7.) Isolate Aluminum from Steel per section 2004.3 of the Uniform Building Code (UBC) (1997 Edition).
- 8.) All bolt holes are to be drilled or punched.
- 9.) Concrete to have $f'_c = 3000$ psi (min.) @ 28 days.

Design Criteria:

Design Code: 2007 FBC with 2009 Supplement
(Note: Design loads were obtained in accordance with ASCE 7-05 (American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures)).

Wind Speed: 130 MPH (3-Sec. Wind Speed)
Wind Exposure: "B"

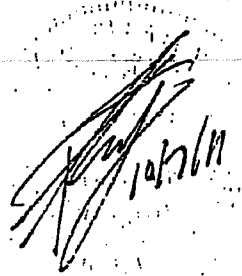
Overall Sign Height = 10.00 Ft

Dimensions of Sign:

Height = 3.75 Ft
Length = 8.00 Ft
Width = N/A Ft

Determine Loading:

Dead Weight of Sign:



Design Calculations for Rivertown Roundabout Guide Sign in St. Johns County, Florida for System 21

Total Dead Load = 1,500.00 Lbs. Use 1,500 Lbs.
Wind Velocity Pressure = $q_z = 0.00256K_zK_dK_eV^2$ = 36.77 PSF (Top Sign)
Force Coefficient on Sign = $C_f = 1.2$

Determine Moment @ Each End of Sign:

Load on Sign = 1,323.88 Lbs.
Lever Arm = 8.13 Ft.
Load on Column = 183.87 Lbs.
Lever Arm = 3.13 Ft.
Total Load on Each Column = 753.88 Lbs.
Moment @ Each Column Base = 5,952.86 Ft.-Lbs.

Determine Member Sizes:

Size of Column Required:

$F_y = 38,000$ PSI
 $F_a = 21,600$ PSI

$S_{Req. @ Top of Footer} = 3.31$ in.³

$S_{6x12 WF Col.} = 7.31$ in.³ > 3.31 in.³ O.K.

Therefore, (2) W6x12 Columns are acceptable.

Size Anchor Bolts Required:

Moment @ Top of Footer = 6,958.02 Ft.-Lbs.

No. Anchor Bolts = 4

Tension on Each Anchor Bolt = 2,319.34 Lbs.

Size Anchor Bolt = 0.825 in. Dia.

Anchor Bolt Material = A307

Design Calculations for Rivertown Roundabout Guide Sign in St. Johns County, Florida for System 21

Tensile Capacity of Anchor Bolt = 6,100.00 Lbs. > 2,319.34 Lbs. O.K.
Perimeter of Anchor Bolt = 1.96 In.
Required Embedment of Anchor Bolt = 19.69 In. < 24 In. O.K.

Use (4) 5/8" Diameter Anchor Bolts with 24" (Min.) Embedment.

Size Base Plate Required:

Try the Following Base Plate Dimensions:

Min. Edge Distance = 1.5 In.
Width = 21 In.
Depth = 0.875 In.
Thickness = 21.00 In.

Distance Between Face of Column & Anchor Bolt = 7 In.

Moment on Base Plate = 32,470.77 In.-Lbs.

$S_{Req'd} = 1.50 \text{ in.}^3$

$S_{Provided} = 2.68 \text{ in.}^3 > 1.50 \text{ in.}^3 \text{ O.K.}$

Determine Size of Weld Required to Attach Column to Base Plate:

$S_{Weld} = 80.00 \text{ in.}^2$

$f = 1,391.60 \text{ Lbs./in.}$

Allow. Shear Stress on Fillet Weld = $f = 11,200 \text{ w Lbs./in.}$ for Buildings Using E70xx Electrode.

Size Fillet Weld Req'd. = 0.12 In. < 0.25 In. O.K.

Use 21" x 21" x 7/8" Thick Base Plate Welded to Column with 1/4" All Around Fillet Weld.